ADDENDUM 1 (AD-1)

Date: December 2, 2013

Owner: Fremont Area Medical Clinic
Project: BP-3 - Interior Fit-Up

Architect: HDR Architecture, Inc.

Brian Zabloudil

Address: 8404 Indian Hills Drive; Omaha, NE 68114-4098

NOTICE:
This Addendum is issued to known individuals, firms or corporations holding Bidding Documents and Contract Documents for above listed project.

This Addendum is hereby made a portion of Bidding Documents and Contract Documents. Bidders are required to acknowledge receipt of Addendum in appropriate space on Bid Form.

INDEX:

1. Changes to Architectural Drawings.
2. Changes to Mechanical Drawings.
3. Changes to Electrical Drawings.
4. Changes to Project Manual.
5. Attachments:
   a. Specification Changes.
   b. Drawings.

CHANGES TO ARCHITECTURAL DRAWINGS

1.1 LIFE SAFETY PLANS

A. Sheet G-101
   1. Added door at existing stair from lower level east of grid P-18
   2. Removed two pairs of double-egress doors in Corridor 1944

B. Sheet G-103
   1. Added one hour rating to Clean Supply room 3070

C. Sheet G-104
   1. Added one hour rating to Clean Supply room 4068

D. Sheet G-105
   1. Added one hour fire-smoke separation and smoke compartments to floor

E. Sheet G-106
   1. Added one hour rating at Shelled Space.

1.2 AREA PLANS – FLOOR PLANS

A. Sheet A-101A-IF
   1. Revised door mark at room Security 1932
   2. Removed partition type designations at elevator shaftwalls to coordinate with Bid Package 2

B. Sheet A-101B-IF
   1. Revised and/or removed partition type designations at Stair to coordinate with Bid Package 2
   2. Added door at Exam Room 1919
   3. Various room and door number revisions
   4. Revised OR layout at Operating Room 7 and 8
   5. Removed partition type designations along east exterior wall to coordinate with Bid Package 2
   6. North and east wall of OR 7 shown half-toned (existing to remain)
   7. Added door at existing stair from lower level east of grid P-18
   8. Removed two pairs of double-egress doors in Corridor 1944
   9. Revised interior window elevation marks to coordinate with sheet A-610

C. Sheet A-101D-IF
   1. Revised/added door numbers
   2. Removed partition type designations along east exterior wall to coordinate with Bid Package 2

D. Sheet A-103A-IF
   1. Removed partition type designations at elevator shaftwalls to coordinate with Bid Package 2
   2. Revised interior window elevation marks to coordinate with sheet A-610
   3. Ceiling mounted patient lift removed per owner request (medical equipment)

E. Sheet A-103B-IF
   1. Removed partition type designations at Stair to coordinate with Bid Package 2
   2. Removed partition type designations at column enclosure X-19 to coordinate with Bid Package 2
   3. Revised interior window elevation marks to coordinate with sheet A-610
   4. Ceiling mounted patient lift removed per owner request (medical equipment)

F. Sheet A-103C-IF
   1. Added room name “Storage” 3108 at existing room at north end of plan
   2. Revised interior window elevation marks to coordinate with sheet A-610
   3. Ceiling mounted patient lift removed per owner request (medical equipment)

G. Sheet A-104A-IF
   1. Removed partition type designations at elevator shaftwalls to coordinate with Bid Package 2
   2. Removed partition type designations at column enclosures X-9 and X-12 to coordinate with Bid Package 2
   3. Revised interior window elevation marks to coordinate with sheet A-610
   4. Ceiling mounted patient lift removed per owner request (medical equipment)

H. Sheet A-104B-IF
   1. Removed partition type designations at Stair to coordinate with Bid Package 2
   2. Removed partition type designations at column enclosure X-19 to coordinate with Bid Package 2
   3. Revised interior window elevation marks to coordinate with sheet A-610
   4. Ceiling mounted patient lift removed per owner request (medical equipment)

I. Sheet A-104C-IF
   1. Added room name “Storage” 4117 at existing room at north end of plan
   2. Revised interior window elevation marks to coordinate with sheet A-610
   3. Ceiling mounted patient lift removed per owner request (medical equipment)

J. Sheet A-105A-IF
   1. Removed partition type designations at elevator shaftwalls to coordinate with Bid Package 2
   2. Removed partition type designations at Stair to coordinate with Bid Package 2
   3. Revised/added door numbers

K. Sheet A-105B-IF
   1. Added room name “Storage” 5082 at existing room at north end of plan
   2. Revised door numbers

L. Sheet A-106A-IF
   1. Removed partition type designations at elevator shaftwalls to coordinate with Bid Package 2
   2. Removed partition type designations at Stair to coordinate with Bid Package 2
   3. Removed column enclosures within mechanical room along south wall

M. Sheet A-106B-IF
   1. Added room names and numbers at north end of plan

1.3 ARCHITECTURAL PLANS

A. Sheets A-101B, A-403, and A-404:
   1. Revise locations of ceiling mounted equipment in 1941 Operating Room 7 and 1942 Operating Room 8.

B. Sheets A-103A, A-103B, A-103C, A-104A, A-104B, A-406 and A-407
   1. Delete all ceiling mounted patient lifts from the project, refer to Equipment Schedule revisions 11 70 00S-AD1 for rooms affected.

C. Sheet A-421:
   1. Sheet Reissued. Changes clouded.

D. Sheet A-426:
   1. Sheet Reissued. Changes clouded.

E. Sheet A-526:
   1. Replace detail A1 showing ceiling mounted patient lift details with mounting details for fixed service column in 4097 C-Section OR.

F. Sheet A-601:
   1. This sheet has been reissued in its entirety.
      a. Door Hardware Group Sets have been clarified.
      b. Door Notes have been clarified.

Sheet A-602:

2. This sheet has been reissued in its entirety.
    a. Door Hardware Group Sets have been clarified.
    b. Door Notes have been clarified.

G. Sheet A-615
1. Shower curtains and rods deleted from typical shower details/elevations. Shower curtains and rods only to be used where specifically called out on enlarged toilet plans and elevations.

H. Sheet A-610
1. Unnecessary door frames deleted
2. Interior window elevations added
3. “Wicket Door” elevation added (Behavioral Health)
4. Coiling counter shutter elevation added (Behavioral Health)
5. Head, Jamb, and Sill details called out of frame elevations

I. Sheet A-401 through A-426
1. Toilet accessories clarified
2. Headwalls clarified
3. General graphic clean up

J. Sheet A-511 through A-513
1. Unnecessary head, jamb, and sill details deleted

K. Sheet A-701 through A-703
1. Unnecessary wall types deleted

L. Sheet A-801 through A-804 Alternates
1. See plans, elevations, and details for revisions to DPF mounting details at canopy and signage element (Alternate 1B) sheets A-801/A-802/A-803
2. Added gate to roof at roof enclosure on sheet A-804 (Alternate 4)

M. Reflected Ceiling Plans
1. Graphic clean up and final M/E/P coordination with ceiling grid layout.

1.4 INTERIORS

A. Sheet I-001:
1. Sheet Reissued. Changes clouded.

B. Sheet IN-101A:
1. Sheet Issued.

C. Sheet IN-101B:
1. Sheet Reissued. Revise matchline area designators.

D. Sheet IN-101D:
1. Sheet Reissued. Revise matchline area designators.

E. Sheet IN-103A:
1. Sheet Reissued. Changes clouded.

F. Sheet IN-103B:
1. Sheet Reissued. Revise matchline area designators.

G. Sheet IN-103C:
1. Sheet Reissued. Changes clouded.

H. Sheet IN-104A:
1. Sheet Reissued. Changes clouded.

I. Sheet IN-104B:
1. Sheet Reissued. Changes clouded.

J. Sheet IN-104C:
   1. Sheet Reissued. Changes clouded.

K. Sheet IN-105A:
   1. Sheet Reissued. Changes clouded.

L. Sheet IN-105B:
   1. Sheet Reissued. Changes clouded.

M. Sheet IN-106A:
   1. Sheet Reissued. Changes clouded.

N. Sheet IN-106B:
   1. Sheet Issued.

O. Sheet IW-101A:
   1. Sheet Issued.

P. Sheet IW-101B:
   1. Sheet Reissued. Revise matchline area designators.

Q. Sheet IW-101D:
   1. Sheet Reissued. Revise matchline area designators.

R. Sheet IW-103A:
   1. Sheet Reissued. Changes clouded.

S. Sheet IW-103B:
   1. Sheet Reissued. Changes clouded.

T. Sheet IW-103C:
   1. Sheet Reissued. Changes clouded.

U. Sheet IW-104A:
   1. Sheet Reissued. Changes clouded.

V. Sheet IW-104B:
   1. Sheet Reissued. Changes clouded.

W. Sheet IW-104C:
   1. Sheet Reissued. Changes clouded.

X. Sheet IW-105A:
   1. Sheet Reissued. Changes clouded.

Y. Sheet IW-105B:
   1. Sheet Reissued. Changes clouded.

Z. Sheet IW-106A:
   1. Sheet Reissued. Revise matchline area designators.

AA. Sheet IW-106B:
   1. Sheet Issued.

1.5 CASEWORK

A. Sheet IC-230
   1. Re-issue sheet to add section numbers to floating shelves in patient rooms.

B. Sheet IC-240
   1. Re-issue sheet to add section numbers to floating shelves in patient rooms.

C. Sheet IC-302
   1. Re-issue sheet to add sections referenced in sheets IC-230 and IC-240.

CHANGES TO MECHANICAL DRAWINGS

A. The following drawings are reissued in their entirety:
   1. Sheet M-101A – FIRST FLOOR PLAN – AREA A – HVAC
   2. Sheet M-101B – FIRST FLOOR PLAN – AREA B – HVAC
   3. Sheet M-101D – FIRST FLOOR PLAN – AREA D – HVAC
   4. Sheet M-103 – THIRD FLOOR PLAN – HVAC
   5. Sheet M-104 – FOURTH FLOOR PLAN – HVAC
   6. Sheet M-105 – FIFTH FLOOR PLAN – HVAC
   7. Sheet M-106 – SIXTH FLOOR PLAN – HVAC
   8. Sheet M-201B – FIRST FLOOR PLAN – AREA B – PIPING
   9. Sheet M-203 – THIRD FLOOR PLAN – PIPING
   10. Sheet M-204 – FOURTH FLOOR PLAN – PIPING
   11. Sheet M-205 – FIFTH FLOOR PLAN – PIPING
   12. Sheet M-305 – FIFTH FLOOR PLAN – PLUMBING
   13. Sheet M-306 – SIXTH FLOOR – PLUMBING
   14. Sheet M-502 – PARTIAL SIXTH FLOOR PLAN
   15. Sheet M-503 – ENLARGED PENTHOUSE PLAN
   16. Sheet M-601 – MECHANICAL SCHEDULES
   17. Sheet M-603 – MECHANICAL DETAILS
   18. Sheet M-604 – MECHANICAL DETAILS

CHANGES TO ELECTRICAL DRAWINGS

A. The following drawings are reissued in their entirety:
   1. Sheet E-101A – First Floor Plan – Area A - Lighting
   2. Sheet E-101B – First Floor Plan – Area B - Lighting
   3. Sheet E-101D – First Floor Plan – Area D – Lighting
   4. Sheet E-103 – Third Floor Plan – Lighting
   5. Sheet E-105 – Fifth Floor Plan – Lighting
   6. Sheet E-106 – Sixth Floor Plan – Lighting
   7. Sheet E-200 – Basement Level – Power Plan
   8. Sheet E-201A – First Floor Plan – Area A – Power
   9. Sheet E-201B – First Floor Plan – Area B – Power
   10. Sheet E-201C – First Floor Plan – Area C – Power
   11. Sheet E-201D – First Floor Plan – Area D – Power
   12. Sheet E-203 – Third Floor Plan – Power
   13. Sheet E-204 – Fourth Floor Plan – Power
   14. Sheet E-205 – Fifth Floor Plan – Power
   15. Sheet E-206 – Sixth Floor Plan – Power
   16. Sheet E-207 – Electrical Roof Plan
   17. Sheet E-401 – Enlarged Lighting Plans
   18. Sheet E-601 – Electrical Schedules
   19. Sheet E-602 – Electrical Schedules
   20. Sheet E-603 – Electrical Details
   21. Sheet E-604 – MSB2 One Line
   22. Sheet E-608 – Normal Power Panel Schedules
   23. Sheet E-609 – Normal Power Panel Schedules
   24. Sheet E-610 – Normal Power Panel Schedules
   25. Sheet E-612 – Life Safety Power Panel Schedules
   26. Sheet E-614 – Critical Power Panel Schedules
   27. Sheet E-615 – Critical Power Panel Schedules
   28. Sheet E-616 – Equipment Power Panel Schedules
   29. Sheet E-617 – Equipment Power Panel Schedules
   30. Sheet ED-101A – First Floor Plan – Area A – Electrical Demolition
   31. Sheet ED-101D – First Floor Plan – Area D – Electrical Demolition
   32. Sheet ED-103A – Electrical Demolition Plan – Third Floor

B. The following sheet is issued in its entirety:
   1. Sheet E-605 – Lighting Control Devices and Schedule

CHANGES TO PROJECT MANUAL

1.1 GENERAL NOTE

A. If paragraph has been changed by this addendum, entire page has been reprinted. "AD" helps indicate line changed. Contractor is responsible for review of entire page to determine all changes made within paragraph.

B. The following Sections have changed:
   1. Section 02 41 00: Issued.
   2. Section 07 16 04: Issued.
   3. Section 07 16 05: Issued.
   4. Section 08 71 00: Reissued.
   5. Section 10 11 00: Revised.
   6. Section 10 51 13: Revised.
   7. Section 11 70 00S: Revised.
      a. Delete all ceiling mounted patient lifts LIFTP75 as indicated by attached 11 70 00S AD-1 revisions.
   8. Mechanical specifications: The following manufacturers are approved to bid the project. Approval to bid does not constitute acceptance of the product for use in the building. Final approval must be obtained through the formal shop drawing submittal process. The list is presented by product application and not necessarily by specification reference.
      a. Air/Dirt Separators:
         1) Thrush.
      b. Diffusers, Registers, Grilles (Except for overhead Laminar Airflow Distribution Panels in OR and C-Section Rooms):
         1) Nailor.
      c. Expansion Tanks:
         1) Patterson.
      d. Gravity Roof Ventilators:
         1) Greenheck.
      e. Louvered Penthouses:
         1) Greenheck.
      f. Manual Volume Dampers:
         1) Greenheck.
      g. Radiant Ceiling Panels:
         1) TWA.
      h. Radiant Heating Panels:
         1) Price Industries.
      i. Terminal Units:
         1) Nailor.
      j. Variable Volume Supply and Return Boxes:
         1) Price Industries.

AD-1: Section 02 41 00; 11/26/2013: Issue Section 02 41 00 in its entirety.

SECTION 02 41 00

DEMOLITION (Issued AD-1)

PART 1 - GENERAL

1.1 SUMMARY

A. Furnish labor, materials, tools, equipment, and services for Demolition, as indicated, in accordance with provisions of Contract Documents.

B. Completely coordinate with work of other trades.

1.2 QUALITY ASSURANCE

A. Conduct work in accordance with OSHA and EPA requirements.

B. National Fire Protection Association (NFPA):
   1. NFPA 241 Standards for Safeguarding Construction, Alteration, and Demolition Operations.

C. Use only firms or individual trades qualified to perform work required under this section.

1.3 DESCRIPTION

A. Work includes:
   1. Demolition of structures indicated.
   2. Demolition of portions of structures indicated.
   3. Removal of demolition debris.
   4. Protection of construction to remain, including:
      a. Utilities.
      b. Other items indicated.
   5. Salvage of items indicated.

B. Condition of existing structures to be demolished.
   1. Owner assumes no responsibility for actual condition of structures to be demolished.
   2. Owner will maintain building conditions existing at time of inspection for bidding purposes insofar as practicable.

C. Standpipes:
   1. Demolish with building.
   2. Maintain in operable condition and available for use by fire department.
   3. Do not demolish more than one floor below floor being demolished.

1.4 JOB CONDITIONS

A. Perform preliminary investigations as required to ascertain extent of work.
   1. Conditions apparent by such investigation will not be allowed as cause for claims for extra costs.

B. Before start of work, Owner to secure permits required.

C. Obtain approval of authorities having jurisdiction for work which affects existing exitways, exit stairs, means of egress, or access to, or exit from areas.
   1. Review with and obtain approval of authorities for temporary construction which affects such areas.
   2. Obtain approval of fire authorities.

D. Separate, store and dispose of hazardous materials and toxic wastes in accordance with local and EPA regulations and additional criteria listed below:
   1. Disposal of fluorescent light tubes in open containers is not permitted.
   2. Disposal of ballasts and other building elements containing PCBs in open containers is not permitted.
   3. Disposal of building elements containing mercury in open containers is not permitted.

PART 2 - PRODUCTS - NOT USED

PART 3 - EXECUTION

3.1 POLLUTION CONTROLS

A. Clean adjacent structures and improvements of dust, dirt, and debris caused by demolition operations.

B. Return adjacent areas to condition existing prior to start of work.

3.2 ITEMS TO BE SALVAGED FOR OWNER

A. Remove salvage items at appropriate stage of demolition, but early enough to prevent damage to them by demolition operations:
   1. Coordinate with Owner items Owner wishes to save.

B. Remove salvage items as a unit:
   1. Clean, list, and tag for storage.
   2. Protect from damage.
   3. Salvage each item with auxiliary or associated equipment required for operation.
   4. Store in building designated by Owner.

3.3 ITEMS SALVAGED FOR CONTRACTOR

A. Items of salvage value to Contractor may be removed from structure as work progresses.

B. Transport salvaged items from site as they are removed.

C. Storage or sale of removed items not permitted on site.

3.4 ITEMS TO BE REMOVED FOR RE-INSTALLATION IN PROJECT

A. Remove items designated for re-use:
   1. Tag, protect from damage, store if required, and deliver to locations designated.
   2. Brace motors attached to flexible mountings until reinstallation.

3.5 GENERAL DEMOLITION PROCEDURES

A. Demolition of entire portions of structures:
   1. Demolish completely and remove from site.
   2. Use such methods as required to complete work within limitations of governing regulations.
   3. Coordinate with Owner and utility suppliers for shut-off of utilities serving each building.
   4. Disconnect and seal utilities before commencement of demolition.

B. Start and complete work as established by approved schedule.

C. Operational procedures and sequence of work are optional provided schedule is maintained.

D. Protect property to remain:
   1. Repair damage caused by demolition, at no cost to Owner.

2. Conduct operations to prevent damage by falling debris or other cause to adjacent buildings, structures, and other facilities as well as persons.
3. Provide interior and exterior shoring, bracing, or support to prevent movement, settlement or collapse of structures.

E. Conduct operations to insure minimum interference with roads, walks, entrances, exits, and other adjacent occupied facilities.
1. Do not close or obstruct private drives, walks or other occupied or used facilities unless approved in writing.
2. Do not close or obstruct public thoroughfares or walks unless approved by authorities having jurisdiction.
3. Do not obstruct exits from existing facilities without approval of authorities having jurisdiction.
4. Provide alternate routes around closed or obstructed traffic ways.

F. Provide covered passageways where necessary to ensure safe passage of persons in or near areas of work.

G. Provide barricades and safety lights as required.

H. Maintain existing utilities that are indicated to remain.
1. Keep in service and protect against damage during demolition.
2. Do not interrupt existing utilities serving occupied or facilities in use, except as authorized by Owner.
3. Provide temporary services during interruptions to existing utilities, as acceptable to Owner.

I. Structural demolition:
1. Demolish concrete and masonry in small sections.
2. Perform removal to avoid excessive loads on supporting walls, floors or framing.
3. Proceed with demolition in a systematic manner, from top of structure to ground.
4. Complete demolition work above each floor or tier before disturbing supporting members on lower levels.
5. Remove structural framing members and lower to ground by means of hoists, derricks, or other suitable method.

3.6 PROTECTION OF OCCUPIED FACILITIES TO REMAIN

A. Protect occupants from injury and discomfort.

B. Provide temporary dustproof partitions between demolition areas and occupied areas.
1. In public areas use clean, painted 1/2 IN thick plywood.
2. Utilize fire rated construction where required by Authorities Having Jurisdiction,.

C. Provide temporary weather protection and insulation to prevent damage to existing facilities and discomfort to persons in occupied areas.
1. Insulation value: R 19.

3.7 CLEAN-UP AND DISPOSAL OF DEMOLITION MATERIALS

A. Remove debris, rubbish, and materials resulting from demolition operations.
1. Remove and legally dispose of off site.
2. Do not burn materials on site.

B. Dispose of items and materials not designated for Owner salvage or reuse.
1. Promptly remove from site.
2. Do not store or sell Contractor salvaged items or materials on site.

C. Clean up other debris resulting from this work.

END OF SECTION

AD-1: Section 07 16 04; 11/26/2013: Issue Section 07 16 04 in its entirety.

SECTION 07 16 04

CONCRETE FLOOR MOISTURE TESTING (Issued AD-1)

PART 1 - GENERAL

1.1 SUMMARY

A. Furnish labor, materials, tools, equipment, and services for Concrete Floor Moisture Testing in accordance with provisions of Contract Documents.

B. Completely coordinate with Section 07 16 05, Water Vapor Emission Control System, and work of other trades.

C. Contractor's Responsibilities:
   1. Provide pre-installation coordination with concrete and space climatization trades upon building enclosure.
   2. Facilitate testing and inspection and furnish labor to assist Owner's testing agency at site.
   3. Advise Owner's testing agency sufficiently in advance of operations to allow for completion of routine testing and for assignment of personnel.

1.2 QUALITY ASSURANCE

A. Section includes testing agency administrative and procedural requirements for quality assurance and quality control in performing concrete moisture testing for compliance with floor finishes.

B. Testing and inspection services are required to verify compliance with requirements specified or indicated and do not relieve Contractor's responsibility for compliance with Contract Document requirements.

C. Testing Agency Qualifications:
   1. Firm experienced in field of concrete floor moisture testing for projects similar in scope, material, design, and extent indicated for this Project.
   2. International Concrete Repair Institute (ICRI) Certified in moisture and pH testing, conducting ASTM tests, and interpretation of results.

D. Perform Concrete Floor Moisture Testing in accordance the most current version of:
   1. ASTM F710 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring
   2. ASTM F2170 Standard Test Method for Determining Relative Humidity in Concrete Slabs Using in situ Probes.

E. Upon cure of application of control system coating, and prior to placement of cementitious surfacing, coordinate post-installation tests for moisture vapor emissions and alkalinity at areas receiving Water Vapor Emission Control System in accordance with ASTM F2420 Standard Test Method for Determining Relative Humidity on the Surface of Concrete Floor Slabs Using Relative Humidity Probe Measurement and Insulated Hood.

1.3 SUBMITTALS

A. Project Information:
   1. Prepare schedule of tests and inspections in tabular form and include following:
      a. Specification Section number and title.
      b. Description of test and inspection method.
      c. Identification of applicable standards.
      d. Identification of test and inspection methods.
      e. Number of tests and inspections required.
      f. Time schedule or time span for tests and inspections.

g. Entity responsible for performing tests and inspections.
h. Requirements for obtaining samples.
i. On elevated slabs on metal deck, test at deepest portion of deck flute.
j. Each test shall be identified by its own unique number directly on concrete and site map.
k. Digital pictures of testing methods in place.

2. Submit reports of test results and include following:
a. Date of issue.
b. Project title and number.
c. Name, address, and telephone number of testing agency.
d. Dates and locations of samples and tests or inspections.
e. Names of individuals making tests and inspections.
f. Description of Work and test and inspection method.
g. Record for each test listing interior temperature, humidity, moisture vapor, and alkalinity results for testing period for both new or existing concrete slabs or both.
h. Test and inspection results and an interpretation of test results.
i. Provide electronic copy of Architectural Floor Plans identifying each test by number and location where conducted.
j. Name and signature of laboratory inspector.
k. Recommendations on retesting and re-inspection.

3. Submit product data on testing equipment and devices used to conduct tests.

B. Contract Closeout Information:
1. Testing Agency shall include closeout document including testing reports, test location maps, submittal information for installed below grade vapor barrier, concrete mix designs, admixtures, curing methods and moisture control products utilized on project.

1.4 SEQUENCING

A. Owner Responsibilities:
1. Owner shall engage qualified Testing Agency to perform testing indicated in this specification and in accordance with Section 01 45 23.
2. Owner shall furnish Contractor with name, address, and telephone number of Testing Agency.
3. Payment for testing services will be made by Owner directly to testing agency.

B. Testing Agency Responsibilities:
1. Cooperate with Contractor and Architect in performance of duties.
2. Provide qualified personnel to perform required tests and inspections.
a. Provide documented confirmation of previous projects completed of similar size and scope of proposed project.
b. Technicians conducting or overseeing performance of moisture testing are required to be International Concrete Repair Institute (ICRI) certified to Grade 1, Moisture Testing Technician level.
3. Notify Contractor and Architect promptly of irregularities or deficiencies observed in Work during performance of its services.
4. Determine location from which test samples will be taken.
5. Provide test results marked on finish floor plan drawings showing test results with vapor reduction system recommendations.
6. Conduct and interpret tests and inspections and state in each report whether tested and inspected work complies with or deviates from requirements.
7. Submit a certified written report for each test, inspection, and similar quality assurance service to Owner, Architect, and Contractor.

C. Schedule of Tests and Inspections:
1. Allow adequate time for results of tests, inspections and relative humidity control system to conclude prior to erection of interior walls, fixtures and equipment.

2. Prepare a schedule of tests, inspections, and similar quality control services required by Contract Documents.
3. Submit schedule within 30 days of date established for Notice to Proceed.
4. Distribute schedule to Owner, Architect, Contractor, testing agencies, and each party involved in performance of portions of Work where tests and inspections are required.
5. Site Conference: Testing Agency, Owner, Architect, and Contractor shall meet 90 days prior to flooring installation to discuss testing requirements, specifications, and locations prior to testing.

D. Acclimate building to working environment as required by manufacturer requirements of specified flooring materials and in accordance with ASTM F2170 requirements.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Acceptable Manufacturers of Testing Equipment:
   1. Base:
      a. Wagner Electronics.
   2. Optional:
      a. American Moisture Test.
      b. Delmhorst Instrument Co.
      c. Tramex.

B. Testing equipment shall be from single source, meeting specified requirements:
   1. Alkalinity (pH): ASTM F710.
      a. Wide Range 1-14pH.
   2. Relative humidity (RH): ASTM F2170.
      a. Relative humidity range of 0-100 percent.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Building weatherproof, exterior doors installed and windows secured.

B. Do not start testing process when concrete installation is less than 90 days of age, building slabs contain standing water, presence surface contaminates, exposed to exterior conditions, or slabs have been rewetted.

3.2 PREPARATION

A. Prepare test sites per ASTM F710 and ASTM F2170.

B. Conditioning: Minimum 48 hours prior to testing:
   1. Concrete floor slabs: Service temperature.
   2. Occupied air space above the floor slab: Service temperature.
   3. Occupied air space relative humidity above floor slab: Service humidity.
   4. Continue conditioning required until and during floor installation.

C. Clearly mark each test location on floor plan and directly on concrete surface with non-removable marker.

3.3 TESTING

A. Test concrete for each area of each flooring type as required by flooring manufacturer.

B. Perform tests at rate of 3 tests for areas up to 1000 SF, and 1for each 1000 SF thereafter.

C. HVAC system shall be operational during testing period and for a minimum period of 60 days preceding tests.
   1. Record temperature and humidity readings at start and end of testing.
   2. Continue conditioning after flooring installation as required by applicable manufacturers.
   3. If proper conditions cannot be achieved during construction process and testing is performed results shall be used as preliminary information only.
      a. Re-testing when conditions are achieved or application of Section 07 16 05 scope is required.

D. Perform In-situ Probe tests per probe manufacturer's specifications with regard to temperature and humidity of space being tested.
   1. Proof of calibration is required for each sensor prior to use.
   2. Test conditions: 24 DegC +/- 5 degrees 60 DegF +/-10 degrees with 50 percent +/-10 percent relative humidity.

E. Perform digital Alkalinity (pH) tests within water vapor emission test dome.
   1. Test in accordance with ASTM F710 and manufacturer's recommendations.
   2. Apply manufactures recommended liquid to form 1 IN diameter puddle.
   3. Allow liquid to absorb for 60 seconds.
   4. Expose probe to liquid and allow meter to calculate pH level for 10 seconds.
   5. Document results to the nearest hundredth.

F. Perform Relative Humidity (RH) tests.
   1. Test in accordance with ASTM F2170 and manufacturer's recommendations.
   2. Drill hole to diameter and length required for concrete thickness.
   3. Remove concrete debris by compressed air and vacuuming holes.
   4. Place RH probe sleeve in opening, secure cap and allow acclimating for minimum 72 hours.
   5. Protect from wet work and trade traffic.

G. Acceptable readings during HVAC operation shall be in accordance with following:
   1. Relative Humidity Level per ASTM F 2170: Less than 75 percent.
   2. Alkalinity-pH per ASTM F710: Acceptable Range 7.0 pH to 9.0 pH.

H. Section 07 16 05 Water Vapor Emission Control System is required where test results are found unacceptable per flooring manufacturer installation recommendations and requirements.

END OF SECTION

AD-1: Section 07 16 05; 11/26/2013: Issue Section 07 16 05 in its entirety.

SECTION 07 16 05

WATER VAPOR EMISSION CONTROL SYSTEM (Issued AD-1)

PART 1 - GENERAL

1.1 SUMMARY

A. Furnish labor, materials, tools, equipment, and services for Water Vapor Emission Control System, as indicated, in accordance with provisions of Contract Documents.

B. Coordinate with Section 01 35 32, Interim Infection Control Measures (IICM), and Section 07 16 04, Concrete Floor Moisture Testing, and work of other trades.

1.2 SYSTEM DESCRIPTION

A. Water Vapor Emission Control System:
   1. Two component fluid applied epoxy based coating which restricts excessive levels of relative humidity and extreme alkalinity readings at below-grade, on-grade and suspended concrete floor slabs for compliance with subsequent floor coverings or coating materials.
   2. Primer: Non-porous primer.
      a. Single or two-component moisture tolerant primer as recommended by manufacturer of control system.
   3. Cementitious Surfacing: Required to provide a smooth porous substrate suitable for application of finish flooring.
      a. Self-leveling, calcium aluminate base formula.
      b. Compressive strength: 4,100 PSI minimum.
      c. Nominal thickness of 1/8 IN to1/4 IN over treated floor surface as required by system manufacturer.
   4. Provide 100 percent coverage of interior on grade, below grade, and slab on deck floor areas.

1.3 QUALITY ASSURANCE

A. Install system components with manufacturer trained and certified personnel.

B. Single source responsibility for Water Vapor Emission Control System including but not limited to:
   1. Mechanical preparation of concrete surfaces.
   2. Application of system components.
   3. Placement of cementitious surfacing.

C. Source Limitations: Install specified, or Manufacturer approved, products from one source to provide products of consistent quality in appearance and physical properties.

D. Manufacturer Qualifications:
   1. Minimum of five (5) years of producing water vapor emission control system products.
   2. Product liability insurance in amount of not less than five (5) million dollars per occurrence.
   3. Meet source limitations and assume responsibility for performance of materials supplied by or approved by Manufacturer for this scope.
   4. Warranty program covering cost associated with all system components per section warranty requirements.

E. Installer Qualifications:
   1. Firm with not less than five (5) years of successful installations.
   2. Equipment required to prepare concrete and apply products per manufacturers requirements for warranted installation.

3. Submit a minimum of five (5) references of projects similar in size and scope.
4. Submit manufacturer certified installer certificate.
5. Upon request, submit letter from control manufacturer, stating acceptance.

F. Low emitting product with less than 65 g/liter VOC content.

1.4 SUBMITTALS

A. Product Data:
1. Manufacturers' product data sheets, details and installation instructions including components and accessories, indicating product used in compliance with specifications.

B. Project Information:
1. Independent ASTM testing reports.
2. Installer: Manufacturers employed personnel or certified installer certificates.
3. Manufacturer certification products comply with 1.3 Quality Assurance requirements.

C. Contract Closeout Information:
1. Warranty:
   a. Provide at completed installation of Water Vapor Emission Control System.
2. Test result documentation of post cure and post seal control application for alkalinity- pH tests.
   a. Indicate test locations and results on electronic copy of floor plans.

1.5 WARRANTY

A. Manufacturer shall provide materials and installation labor for repair or replacement of damaged finish flooring system and remedial work to replace Water Vapor Emission Control System in event of treatment system failure by concrete moisture, alkalinity-pH, relative humidity, or any combination, from substrate originated sources, joints, cracks, or any combination at no charge to Owner, for a period of fifteen (15) years.

B. Warranty to cover:
1. Deficiencies in system due to installation defects or manufacturing defects.
2. Concrete cracks, joints and slab imperfections after application.
3. Cost of material and labor to replace damaged finish flooring due individually or in combination of , moisture, alkalinity, relative humidity.

C. Warranty shall be underwritten by product liability insurance carrier having a minimum Secure "A" rating by A. M. Best, or equivalent rating system, in amount of five million ($5,000,000) dollars per occurrence.

D. Warranty shall include ACI-318, dew point, concrete salts, admixtures, resin, and silicate surface treatments.

E. Prior to commencement of finished flooring materials, deliver warranty as confirmation substrate is prepared and ready to accept commercial floor covering products specific to project requirements.

1.6 PRE-INSTALLATION CONFERENCE

A. Pre-installation conference, directed by Contractor, prior to beginning of water vapor emission control system application to discuss following:
1. Contract Document requirements.
2. Results of testing.
3. RH and pH requirements of specified flooring.
4. System manufacturer specifications and requirements.
5. Installation contractor's recommendations.
6. Scheduling of access to work areas.
7. Protection from damage by other trades.

B. Attendance is recommended for:
   1. Construction Manager.
   2. Contractor's superintendent and quality control representative.
   3. Emission control system manufacturer representative.
   4. Emission control system installer superintendent.
   5. Laboratory responsible for concrete design mix.
   6. Owners Testing Agency responsible for field quality control.
   7. Concrete subcontractor.
   8. Ready-mix concrete producer .
   9. Finish flooring subcontractors.
   10. Other trades whose work may affect, or be affected, by installation of water vapor emission control system.

C. Minimum two weeks prior to conference forward following information to Contractor for review.
   1. Drawings indicating locations for emission control system application.
   2. Description of installation procedure and sequence of application.
   3. Manufacturer product data.
   4. Samples of proposed materials.
   5. Sample warranty.
   6. Other information deemed pertinent for sound and secure application.

D. Include review of specifications, details, application requirements and preliminary work.

E. Objectives of pre-installation conference shall include but shall not be limited to:
   1. Review foreseeable methods and procedures related to water vapor emission control work.
   2. Tour representative areas of flooring substrates, inspect and discuss condition of substrate.
   3. Review emission control system requirements, drawings, specifications and other contract documents.
   4. Review required submittals both completed and yet to be completed.
   5. Review and finalize construction schedule related to emission control work and verify availability of materials, installer’s personnel, equipment and facilities needed to make progress and avoid delays.
   6. Review required inspection, testing, certifications, and material usage accounting procedures.
   7. Review weather and forecasted weather conditions and procedures for coping with unfavorable temperature and humidity conditions.
   8. Record discussion of conference including, but not limited to, decisions, and agreements reached.

F. Furnish copy of record to each party who may be affected by water vapor emission control work, Owner and Architect.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

A. Water Vapor Emission Control System:
   1. Base:
      a. Allied Construction Technologies, AC Tech 2170.
      b. Ardex Engineered Cements, MC PLUS Moisture Control.
      c. Concrete Curative Systems, LLC. CCS - S2
      d. Floor Seal Technology, MES 100; 3 coat system.
      e. Koster American, VAP I 2000.
      f. Mapei, Apac 70.

B. Other Manufacturers desiring approval comply with provisions in Section 00 26 00.

2.2 MATERIALS

A. Water Vapor Emission Control System Coating:
   1. Topical fluid applied two component high density chemically enhanced 100 percent solids epoxy resin coating for use over prepared normal and lightweight concrete floor slabs, suspended or on grade.
   2. Manufacturers and products as noted above.

B. Primer:
   1. Single or two-component moisture tolerant cement primer recommended and provided by manufacturer for use over control system surfaces.

C. Cementitious Surfacing:
   1. Self-leveling Portland cement based product approved and provided by manufacturer .
   2. Compressive strength: 4,100 PSI, minimum.

D. Product Performance, Spread Rate:
   1. Application of concrete water vapor emission control system shall maintain tolerances with the below performance requirements after application:
      a. Alkalinity Resistant of 14pH, ASTM F710: 100 percent tolerant.
      b. Relative Humidity Rates, ASTM F2170: 100 percent RH tolerant.

E. Laboratory Performance:
   1. Water Vapor Transmission, wet method, ASTM E96: Minimum 95 percent moisture reduction.
   2. Alkali-14pH Resistance, ASTM D1308: No effect at 30 day exposure.
   3. Potassium Hydroxide Resistance, ASTM D1308: No effect at 30 day exposure.
   4. Adhesion Strength, ASTM D7234: 100 percent concrete failure.

F. Testing: See Section 07 16 04.
   1. Concrete vapor emission, alkalinity-pH, and relative humidity-RH testing.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Review concrete mix designs, admixtures, sub slab vapor barrier and curing methods.

B. Install in accordance with control system manufacturer instructions in compliance with independent digital alkalinity-pH test lab report for concrete moisture per ASTM F710 and relative humidity per ASTM F2170.

C. Installation constitutes acceptance of substrate and responsibility for system performance.

3.2 PREPARATION

A. Protect work space and labor force from exposure to silica dust during preparation and application process by following requirements of Section 01 35 32.

B. Edge grind near wall base, columns, edges and difficult to reach areas prior to shotblasting.

C. Abrade concrete surfaces using No. 390 - 420 shot to create an International Concrete Repair Institute (ICRI) No. 3 -5 profile or as recommended by water vapor emission control system manufacturer.

D. Overlap edge grinding.

E. Clean joints using a crack chasing blade to remove debris.

F. Broom-sweep and vacuum all surfaces slab surfaces to remove dust and debris.

G. Do not use clean sweeping agents or chemicals to clean surface.

3.3 CONTROL SYSTEM COATING INSTALLATION

A. Install system components with manufacturer trained, certified or employed personnel.

B. Saturate cracks and joints with control system material to seal inner walls of crack or joint, then fill with flexible sealant or control system as recommended by manufacturer.

C. Apply control system coating and surface irregularities with manufacturer approved two-component epoxy resin fill, and allow to cure and set prior to application of control system coating at rate recommended by manufacturer based upon test data.

D. Allow to cure and set in accordance with manufacturers recommendations.

E. Verify product thickness using a digital mil gauge at minimum of twenty (20) locations.
   1. Report results to manufacture's technical representative for written approval and warranty registration.

3.4 CEMENTITIOUS SURFACING INSTALLATION

A. Prepare to install cementitious surfacing after mil thickness testing verifies proper application rates of the control system.

B. Apply primer, if required by cementitious surfacing installation, over control system surfaces at rate recommended by manufacturer.

C. Allow primer to dry for maximum adhesion between control system and cement topcoat, or as recommended by water vapor emission control manufacturer.

D. Place cementitious surfacing 3mm to 6mm 1/8 IN to1/4 IN thickness as required to produce smooth flooring compatible surface.

3.5 FIELD QUALITY CONTROL

A. Prior to placement of cementitious surfacing, coordinate post-installation tests for moisture vapor emissions and alkalinity at areas receiving Water Vapor Emission Control System.
   1. See Section 07 16 04.

B. Correct deficiencies, where tests do not meet specified levels, as recommended by manufacturer of Water Vapor Emission Control System prior to commencement of scheduled floor covering products.

C. Final surfaces shall be compatible with floor coverings and require no special floor adhesives or methods and confirm product meets or exceeds requirements of flooring covering sections.

D. Protect finished surfaces from construction damage, contamination of oil, grease, paint, sweeping compounds, prior to installation of finish flooring materials.

END OF SECTION

AD-1: Section 08 71 00; 11/26/2013: Reissue Section 08 71 00 in its entirety.

SECTION 08 71 00

DOOR HARDWARE (Reissued AD-1)

PART 1 - GENERAL

1.1 QUALITY ASSURANCE

A. Fire-Rated Door Assemblies:
   1. Provide door hardware rated for use in assemblies complying with NFPA 80.
   2. Include listed and labeled hardware from a qualified testing agency, for fire-protection ratings indicated,
   3. Comply with Positive Pressure Requirements UL 10C, Category A or NFPA 252.

B. Smoke and Draft Control Assemblies:
   1. Maximum Leakage: 3 CFM per SF of door face area when tested at pressure of 0.10 IN water per UL 1784.
   2. Applicability:
      a. Doors in Smoke Partitions, Smoke Barriers and Corridor walls.
      b. Doors forming part of an Elevator Lobby enclosure.
   3. Provide “S-Labels” on all such openings.

C. Finish designations and standards: Builders Hardware Manufacturers Association (BHMA) Standard 1301.

1.2 QUALIFICATIONS

A. Installer qualifications: Supervised or inspected by certified Architectural Hardware Consultant (AHC).

B. Hardware Supplier:
   1. Recognized architectural door hardware supplier, with warehousing facilities, who has been furnishing hardware in the project’s vicinity for a period of not less than 2 years.
   2. On-staff, experienced Architectural Hardware Consultant (AHC) who is available, during the course of the Work, for consultation about project’s hardware requirements.

C. Electrified Hardware Supplier:
   1. Experienced door hardware supplier who has completed projects with electrified door hardware similar in material, design and extent to that indicated for this project, who has a record of successful in-service performance and is acceptable to manufacturer of materials.
   2. Shall prepare data for electrified door hardware based on testing and engineering analysis of manufacturer’s assemblies similar to those in this project.

1.3 SUBMITTALS

A. Shop Drawings:
   1. Complete Hardware Schedule by door.
      a. Complete list of products including model numbers and cut sheets.
      b. Hardware Schedule shall utilize Heading Numbers which are logically derived from Architect’s Hardware Set numbers.
      c. Hardware Sets shall follow the guidelines established in Door & Hardware Institute Handbook (DHI) Sequence and Format for the Hardware Schedule with index of doors and headings, indicating complete designations of every item required for each door or opening.
   2. Diagrammatic Elevations and Point-to-Point Wiring Diagrams of openings scheduled to receive electrified hardware and electronic access control devices.

a. Provide detailed wiring diagrams showing terminal or pigtail connections for signaling, control and locking functions and any notes pertinent to programming, operation, etc. that are necessary to integrate the proposed hardware into electrical systems.
b. In addition, when door hardware sets include automatic operators and locking or latching hardware on the same doors, provide detailed wiring diagrams showing the interconnection of these components to achieve coordinated operation with access control system specified in Section 28 10 00.
c. Submit with Hardware Schedule.

B. Project Information:
1. Certification that items bear UL label where required.
2. Meeting minutes from Pre-Installation Meeting.

C. Contract Closeout Information:
1. Schedule of all components installed as hardware sets for each opening.
2. Operating and maintenance data.
a. Parts catalog for each product furnished.
b. Keying records.
3. Owner instruction report.
4. Letter stating extra material has been delivered.

1.4 REGULATORY REQUIREMENTS

A. Unless scheduled otherwise, hardware shall comply with barrier free design requirements of the local jurisdiction and Americans with Disabilities Act (ADA).

B. All hardware shall meet listing requirements of the local jurisdiction and be UL listed where applicable by type.

1.5 PRE-INSTALLATION MEETING

A. Prior to installation of hardware, Construction Manager/Contractor conduct an on-site meeting to instruct hardware installer personnel in the proper installation of hardware and related electronics.
1. Manufacturer's Reps for Locksets, Closers, Exit Devices and other major hardware devices shall be present and direct instruction of installers.
2. Require attendance of affected parties, not limited to: Construction Manager/Contractor, Hardware installer, Electrical installer, door and frame installers, and security installer (where applicable). Any installer working with low voltage wiring of electromechanical hardware shall be in attendance.
3. Discuss installation sequence of components, Point-to-Point wiring diagrams, and address questions raised by installers.

1.6 COORDINATION

A. Electrical Devices: Coordinate power requirements with related sections.

B. Coordinate with other Sections where reinforcement or other preparation of doors and frames is required.

C. Furnish hardware templates to other Sections only after schedules have been approved.

1.7 JOB CONDITIONS

A. Where exact types of hardware specified are not adaptable to finished shape or size of members requiring hardware, provide suitable types having as nearly as practical as the same operation and quality as type specified, subject to Architect's approval.

1.8 MAINTENANCE MATERIALS

A. Provide special tools as supplied by hardware manufacturer, for each different or special hardware component.

1.9 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period.
   1. Failures include, but are not limited to, the following:
      a. Structural failures including excessive deflection, cracking or breakage.
      b. Faulty operation of operators and door hardware.
      c. Deterioration of metals, metal finishes, and others beyond normal weathering and use.
   2. Warranty Period: Three years from date of Substantial Completion, except as follows:
      a. Electrified exit devices: 12 months from the date of placing the product in operation.
      b. Manual Closers: 10 years from date of placing the product in operation.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

A. Locks, Latches, and Deadbolts:
   1. Base:
      a. Schlage Lock.

B. Cylinders:
   1. Base:
      a. Same manufacturer as listed for Locks, Latches and Deadbolts.

C. Patient Latches:
   1. Base:
      a. Glynn-Johnson.
   2. Optional:
      a. Trimco.
      b. Sargent Manufacturing.

D. Pushbutton Locksets:
   1. Base:
      a. Kaba Ilco (a.k.a Simplex).
   2. Optional:
      a. Schlage.

E. Anti-Ligature Locks and Trim:
   1. Base:
      a. Townsteel Inc.
   2. Optional:
      a. Accurate Lock and Hardware.
      b. Schlage.
      c. Stanley.

F. Exit Devices:
   1. Base:
      a. Von Duprin.

G. Door Closers:
   1. Base:
      a. LCN Closers.

H. Hinges:
   1. Base:
      a. Hager Hinge.
   2. Optional:
      a. Stanley Hardware.

b. McKinney.
c. Ives.

I. Continuous Geared Hinges:
1. Base:
a. Ives.
2. Optional:
a. Markar.
b. Zero.
c. McKinney.

J. Access Control Devices:
1. Base:
a. Schlage Electronic Security (Locknetics).

K. Door Stops:
1. Base:
a. Ives.
2. Optional:
a. Sargent Manufacturing.
b. Corbin Russwin Architectural Hardware.
c. Hager Hinge.
d. Trimco.

L. Overhead Door Holders and Stops:
1. Base:
a. Glynn-Johnson.
2. Optional:
a. Sargent Manufacturing.
b. Rixson.

M. Door Pulls, Pushplates, and Pushbars:
1. Base:
a. Trimco.
2. Optional:
a. Hager Hinge.
b. Burns Manufacturing.
c. Ives.
d. Rockwood Manufacturing.

N. Kickplates and Door Edging:
1. Base:
a. Trimco.
2. Optional:
a. Hager Hinge.
b. Burns Manufacturing.
c. Ives.
d. Rockwood Manufacturing.

O. Armorplates:
1. Base:
a. Construction Specialties, Inc.
2. Optional:
a. Inpro.

P. Flushbolts and Coordinators:
1. Base:
a. Ives.
2. Optional:
a. Door Controls.

b. Rockwood.
c. Hager Hinge.

Q. Thresholds, Head Drips, Weatherstripping, and Smoke Gaskets:
1. Base:
a. Reese Enterprises.
2. Optional:
a. National Guard Products.
b. Pemko Manufacturing.
c. Zero International.

R. Pivots:
1. Base:
a. Rixson Specialty Door Controls.
2. Optional:
a. Ives.

S. Gaskets, light and sound:
1. Base:
a. Reese Enterprises.
2. Optional:
a. National Guard Products.
b. Pemko Manufacturing.

T. Electromagnetic Holders:
1. Base:
a. LCN.
2. Optional:
a. Rixson.

U. Jamb/Door Guards:
1. Base:
a. Life Science Products.
2. Optional:
a. Rockwood Manufacturing.

V. Sliding/Bifolding Hardware:
1. Base:
a. L.E. Johnson Products, Inc.
2. Optional:
a. Hager.
b. Hafele.

W. Door Status Contacts:
1. Base:
a. UTC/GE Security/Sentrol.
2. Optional:
a. Securitron.

X. Other materials:
1. Base: As indicated.

Y. Other manufacturers desiring approval comply with Section 00 26 00 and submit samples of both specified item and proposed item for comparison.

2.2 MATERIALS

A. General:
1. Provide hardware for fire rated openings in compliance with UL, NFPA-80 and CFR Part 36 (ADA) guidelines.
a. This requirement takes precedence over other requirements for such hardware.

b. Provide only hardware which has been tested and listed by UL for types and sizes of doors.

2. Furnish items of hardware for proper door swing.
3. Provide strikes with curved lips.
4. Provide extended lips when necessary.
5. Provide strike boxes. All strikes to be furnished with ANSI Wrought Strike Box.
6. Tactile Warning:
   a. Definition: Etched, milled or knurled surface treatment used on Levers to warn occupants, especially vision impaired occupants, of a potentially dangerous room or condition beyond door.
   b. Provide on corridor-side levers of doors to loading platforms, boiler and mechanical rooms, stages, utility stairs, roof access, communications and electrical closets and similar rooms.
7. On doors indicated with (LL) hardware, provide either lead lining or lead wrapping of case and thru-bolts as applicable to type of hardware to assure shielding integrity.
8. Provide dustproof strikes for doors with Flushbolts or other bolts to floor.
9. Bid and submit manufacturer's updated/improved item if scheduled item is discontinued.
10. Advise Architect of items which will not operate properly, attain the required fire label, and where components are physically/functionally incompatible.

B. Templates:
   1. Provide templates to door and frame suppliers.
   2. List template numbers on Hardware Schedule submittal for use by fabricators.
   3. Provide copies of approved Hardware Schedule to related suppliers, fabricators, and installers.
   4. Include numbered templates.
   5. Advise Architect of items which will not operate properly, attain the required fire label, and where components are physically/functionally incompatible.

C. Finishes:

Hardware Finishes				
Hardware Component	Satin Chrome Series			
	Base Metal	ANSI / BHMA	Finish Description	US Equiv
Locksets and Latchsets	Brass/Bronze	626	Satin Chromium plated over nickel	US26D
Door Pulls, Pushbars, and Pushplates	Stainless Steel	630	Satin Stainless Steel	US32D
Kickplates and Armorplates	Stainless Steel	630	Satin Stainless Steel	US32D
Exit Devices	Brass/Bronze	626	Satin Chromium plated over nickel	US26D
Hinges	Stainless Steel	630	Satin Stainless Steel	US32D
	Steel	652	Satin Chromium plated over nickel	US26D
Thresholds, Weatherstripping, Head Drips	Aluminum	719	Mill finish aluminum	US27
Door stops, holders, dead locks, mortise bolts, pivots, door Edging and miscellaneous hardware	Brass/Bronze	626	Satin Chromium plated over nickel	US26D
Patient Latches	Stainless Steel	630	Satin Stainless Steel	US32D
Exposed arms and covers of closers:	Any	689	Powder Coated Aluminum Color	US20A

D. Fasteners:
   1. Manufacture hardware to conform to templates.
   2. Generally prepare for Phillips oval head machine screw installation.
   3. Exposed screws to match hardware finish or, if exposed in surfaces of other work, to match finish of other work as closely as possible.
   4. Mineral core doors:
      a. Attachment of hinges:
         1) Use screws, which are fully threaded (from tip to head).
      b. Attachment of Closers:
         1) Utilize through-bolts at mineral core doors.
   5. Provide concealed fasteners (unless thru bolted).

6. Provide non-corrosive fasteners.

2.3 CYLINDERS & KEYWAYS

A. Cylinders:
   1. Comply with BHMA A156.5 Grade 1.
   2. Material: Brass or bronze, stainless steel, or nickel silver.
   3. Finish: Match lock mechanism to which cylinders are installed.
   4. Cylinder Type: Interchangeable cores at all Exit Devices; Conventional cores (non-interchangeable) at all other locksets.
   5. IC Format: Full-sized Interchangeable Cores (IC).
   6. Cylinder Mechanism:
      a. Conventional, 6-pin tumbler.
   7. Key Control:
      a. Open.
   8. Determine type required to suit locking mechanisms to which they will be installed. Include appropriate trim rings, cams, tail pieces, and adaptors.
   9. Patented cylinders and keys to protect against from unauthorized manufacture.
   10. Provide cylinders for all locking mechanisms scheduled.
   11. Base Product (proprietary to match existing facility):
      a. _____ by _____; Optional Products will not be permitted.

B. Keys:
   1. Material: Nickel-silver.
   2. Stamping: Permanently inscribe each key with a control number and the following: DO NOT DUPLICATE.
   3. Quantity: In addition to one extra blank key for each lock, provide the following:
      a. Cylinder Change Keys: 3.
      b. Master Keys: 6.
      c. Grand Master Keys: 6.
      d. Great-Grand Master Keys: 6.

2.4 LOCKS & LATCHES

A. Mortise Locks and Latches:
   1. ANSI/BHMA-A156.13, Series 1000, Operational and Security Grade-1.
   2. Mortise with antifriction latchbolt with 3/4 IN throw and deadbolt with 1 IN throw.
   3. Sectional trim (A) unless otherwise specified.
   4. 2-3/4 IN backset.
   5. L Series by Schlage.
      a. 03 design.
   6. Functions as indicated in Hardware Sets and in accordance with ANSI/BHMA-A156.13.

B. Electrified Locksets:
   1. Supplied by same manufacturer supplying conventional locks and latches
   2. Design. level of quality, styles and finishes: Matching requirements listed above for locks and latches.
   3. Operational Types (mortise):
      a. Electric Locking (EL); Power on locks one lever; Fail Safe if power is lost; Opposing lever always free; Base Product: L9080EL-RXchlage.
      b. RX micro-switches:
         1) Built-in switch to signal request-to-exit when occupant uses free lever to depart from the secured room or area.
         2) Security system to shunt alarm when signaled by RX switch.
         3) Include RX switch in all Electrified Locksets unless otherwise indicated.

C. Patient Latches (a.k.a. Hospital Latches):
   1. Cylindrical, non-Locking Type:
      a. Base:

1) Glynn-Johnson HL-6.
b. Optional:
1) Trimco 1500 Series.
c. Backset:
1) 5 IN.
d. Paddle configuration:
1) Push up/ Pull down.
e. Paddles engraved with PUSH and PULL.

D. Pushbutton Locksets (a.k.a. Cipher Locks) - Keypad Programmable Type (battery-operated):
1. Battery-operated, stand-alone, electronic, 12-button lockset with multiple programmable combinations.
2. Lockbody type:
a. Mortise.
3. Mechanical key for override.
4. Passage set function to allow temporary unlocking of device.
5. Base Product: Simplex 4000 by Kaba Ilco.
6. Optional: King Cobra by Schlage.
7. Finish: As specified for standard locksets.

E. Auxiliary Deadbolts (bored-type):
1. Comply with BHMA A156.5, Grade 1.
2. Lock Throw: 1 IN minimum, or as otherwise required by fire label.
3. Backset: 2-3/4 IN (unless otherwise indicated).
4. Base Product: B600/700/800 Series Commercial Grade Auxiliary Locks by Schlage.

2.5 EXIT DEVICES

A. ANSI/BHMA-A156.3, Grade-1; Types and functions as scheduled by the HW-sets and as applicable for door material and other conditions indicated.

B. Fire Rated Openings:
1. Use Fire-rated devices.

C. Non-rated openings:
1. Typical: Use doggable (UL-listed for accident hazard) devices.
a. Exception 1: Omit dogging where (non-fire rated) openings occur in a Smoke Partitions (Fire rated devices are also acceptable).
b. Exception 2: Omit dogging where openings that include Cardreaders and any where that dogging could compromise ability to secure the opening (Fire rated devices are also acceptable).

D. Where CVR (concealed vertical rod) and SVR (surface vertical rod) devices are scheduled:
1. Include bottom rods at all exterior openings.
2. At all interior openings: Provide LBR (Less Bottom Rod) where permitted by label. Include thermal (fire) pins and other required items to compensate.
3. Where exposed bottom rods are required: Protect rods with rod and latch guards.
a. Base product: RG-27 by Von Duprin.

E. Include cylinders at lockable devices.

F. Electrified devices:
1. Include Power Transfer devices; EPT-2 or EPT-10 by Von Duprin (depending on number of conductors required for device.
2. Include Power Supply, type as required.

G. Lever Style: Match lever style specified for Locks and Latches.

H. Offset Pull Style: 1 IN diameter; 8190-0 by Ives/Von Duprin.

I. Base Products:
   1. Push Pad type (grooved-case):
      a. 99 Series by Von Duprin; Except 33 Series for narrow stile doors.

J. Definition of Abbreviations:
   1. Device Types:
      a. **Rim**: Rim Device.
      b. **Mortise**: -75 Mortise Device.
      c. **SVR**: -27 Surface Vertical Rods.
      d. **CVR**: -47 Concealed Vertical Rod.
   2. Outside Trim Types:
      a. **EO**: Exit Only Trim; Function 01 - No cylinders, levers, pulls or other trim.
      b. **L**: Lever Trim; Function 08; Key locks/unlocks lever.
      c. **NL**: Nightlatch Trim Function 03 – Key in cylinder momentarily retracts bolt.
      d. **OP**: 1 IN diameter offset wire pull Trim; Function 02 – Pull when dogged.
      e. **OP-NL**: 1 IN diameter offset wire pull Trim; Nightlatch Function 03 – Key in cylinder momentarily retracts bolt.
      f. **VRT**: Vandal-resistant Pull Trim.
      g. **VRT-NL**: Vandal-resistant Pull Trim; Nightlatch Function 03 – Key in cylinder momentarily retracts bolt.
      h. **EL**: Electric Locking Lever Trim; aka: “Fail Safe”.
      i. **EU**: Electric Un-Locking Lever Trim; aka: “Fail Secure”.
   3. Optional Functions:
      a. **ELR**: Electric Latch Retraction.
      b. **F**: Fire Rated Device.
      c. **E**: Electric locking.
      d. **CD**: Cylinder dogging.
      e. **LD**: Cylinder dogging.
      f. **LX**: Latch bolt monitoring.
      g. **RX**: Request to exit switch.
      h. **SS**: Signal switch.

2.6 STRIKES

A. Strikes:
   1. Provide manufacturer's standard strike for each latching/locking mechanism.
      a. Finish: Match latch/lock device.
   2. Standards: Comply with the following:
      a. Strikes for Bored Locks and Latches: BHMA A156.2.
      b. Strikes for Mortise Locks and Latches: BHMA A156.13.
      c. Strikes for Auxiliary Deadlocks: BHMA A156.5.
   3. Strike Lip:
      a. Typical: Curved lip extended to protect frame.
      b. Locks with 3-piece antifriction latchbolts: Flat-Lip Strikes, where so recommended by manufacturer.
      c. Locks used on frames with applied wood casing trim: Extra-Long-Lip Strikes.

B. Strike Boxes:
   1. Provide manufacturer's standard strike box for each latching/locking mechanism.
   2. Provide specially-fabricated Strike Boxes where set in aluminum framing.

2.7 DOOR CLOSERS (SURFACE-APPLIED)

A. Door Closers (surface-applied):
   1. Comply with BHMA A156.4, Grade 1.
   2. UL-listed for use on fire doors.
   3. Base Products:
      a. Models 4011 and 4111 by LCN.

b. Models 4041 and 4041XP , by LCN.

4. Size door closers to comply with manufacturer's recommendations for door sizes, locations, and accessibility requirements for opening force.
5. Closers adjustable to 3 second closing speed from 70 DEG opening to 3 IN from latch.
6. Supply arms, brackets, and plates, as required.
7. Mount closers on room side of corridor doors, unless conditions expressly prohibit such mounting.
   a. Where proposing to locate closers on “Corridor side”: Notify Architect, in writing, and obtain approval prior to installing.
8. Closers with integral back checks.
9. Entrance and vestibule doors: Delayed action closer and overhead stop.
10. Other exterior out-swinging doors: Closer with limiting cushion stop.

2.8 HINGES

A. Butt Hinges:
   1. Standards: Butts and Hinges: BHMA A156.1; Template Hinge Dimensions: BHMA A156.7; Self-Closing Hinges: BHMA A156.17.
   2. General:
      a. All hinges are full mortise, unless noted otherwise.
      b. Non-rising, flat button tips.
      c. Non-removable pins (NRP): Provide at out-swinging exterior doors and where specifically indicated.
   3. Following table refers to manufacturer's numbers that are considered equal:

Definition of Hinge Types

Type	Manufacturer				Description	
	Hager	Stanley	Ives	McKinney	ANSI	Remarks
1	BB1199	FBB199	5BB1HW	T4B3386	A5111	Stainless Steel, Heavy Weight, 5-knucke, 4 Ball Bearing, Non-ferrous for wet/exterior usage.
2	BB1168	FBB168	5BB1HW	T4B3786	A8111	Heavy Weight, 5-knucke, 4 Ball Bearing, Steel w/ Steel Pin.
3	BB1279	FBB179	5BB1	TB2714	A8112	Standard Weight, 5-knuckle, 2 Ball Bearing, Steel w/ Steel Pin
4	BB1263	FBB268/78	5BB1SCHW	T4B3795	A8121	Swing Clear Hinge, Heavy Weight, 5-knucke, 4 Ball Bearing, Steel w/ Steel Pin
5	1250	2060R	3SP1	1552	K81071F	Spring Hinge, (single-acting), Steel, Use two Type 5 (Spring Hinges) in combination with Type 2 (Heavy Weight Ball Bearing) hinges
6	--	--	--	1001	K81071F	Double-acting Spring Hinge, Steel, Full mortise, heavy duty

GENERAL NOTES:

Use Type where indicated. It is possible that not all Types will be needed on subject project.

On openings with unequally sized pairs: Utilize same hinge model on both leaves; Hinge type listed for the larger/heavier leaf shall govern.

Use the appropriate variations of the above listed Model Numbers as necessary for actual door edge style specified (I.e. Bevel or Square Edge Doors).

Where Type 4 (Swing Clear) or Type 5 (Spring) hinges are called for at Exterior or wet areas: Use the Stainless Steel variations of the above listed Model Numbers.

McKinney TA series is also considered equal to its TB Series.

   4. Hinges Types according to door location and width:
      a. Type 1 - Stainless Steel, Heavy Weight, Ball Bearing Hinge:
         1) Exterior out-swinging doors, with non-removable pins (NRP) option.
         2) Exterior in-swinging.
         3) Interior wet areas (doors to showers, kitchens, etc.) which are in-swinging.
      b. Type-2 - Steel, Heavy Weight, Ball Bearing Hinge:
         1) Interior greater than 36 IN wide.
      c. Type-3 - Steel, Normal Weight, Ball Bearing Hinge:

1) Interior less than or equal to 36 IN.

d. Type-4 - Swing Clear, Steel, Heavy Weight, Ball Bearing:
   1) Use on openings where specifically indicated or scheduled.
   2) Upgrade to Stainless Steel for exterior and interior wet areas.

5. Hinge quantities per door leaf:

Hinge Quantities (based on Door Height)	
Nominal Leaf Height	**Minimum Number of Hinges Required each Leaf**
Up to 60 IN	2 hinges
Between 61 IN and 90 IN	3 hinges
Between 91 IN and 120 IN	4 hinges
Between 121 IN and 150 IN	5 hinges
Taller than 151 IN	Add 1 hinge for each 30 IN increase in leaf height thereafter

a. Specialty Door configurations:
   1) Dutch doors: Refer to Table above for EACH individual leaf.
   2) Nurse-server doors: Refer to Table above for EACH individual leaf.

6. Hinge sizes:

Guide to Minimum Sizes of Hinges			
Door Thickness	**Door Width**	**Minimum Hinge Height**	**Minimum Hinge Width**
1-3/8 IN	Up to 32 IN	3-1/2 IN	3-1/2 IN
	From 32 IN to 36 IN	4 IN	
	Greater than 37 IN	4-1/2 IN	
1-3/4 IN	Up to 36 IN	4-1/2 IN	4-1/2 IN
	From 37 IN to 48 IN	5 IN	
	Over 48 IN	6 IN	
2 to 2-1/2 IN	Up to 42 IN	5 IN Heavy Weight	5 IN
	Over 43 IN	6 IN Heavy Weight	

GENERAL NOTES:

1. *The above is a general guide to minimum sizes. Consider the actual weight of door leaf being supported and its anticipated frequency of use when determining the actual hinge height.*
2. *Do not exceed parameters recommended by Hinge manufacturer.*
3. *Unequal Pairs: Utilize same hinge size for both leaves; Hinge height stipulated for the wider leaf shall govern.*
4. *Increase the hinge width as required to clear door trim where used. Ensure that door, when opened 180 Degrees will not contact the applied trim.*

B. Continuous Geared Hinges:
   1. General:
      a. Provide where specifically scheduled by Hardware Sets.
         1) Provide products which are labeled for fire ratings scheduled.
      b. Comply with BHMA A156.26.
      c. Heavy duty hinges (HD), pin-less assembly of three interlocking extrusions applied to full height of the door and frame without mortising.
      d. Mounting: Concealed (non-surface mounted) with door edge protector lip.
      e. Door leaf and jamb leaf shall be geared together for the entire length of the hinge and joined by a channel.
      f. Hinge knuckle: Monolithic appearance. Piano hinges visible knuckle separations are not considered equivalent.
      g. Designed to carry vertical door loads on minimum 3/4 IN acetal bearings through a full 180 degrees.

h. Minimum of 32 bearings for a 7 FT length.
i. Templated screw hole locations at door leaf and jamb leaf to simplify replacement.
j. Base Products: 224HD by Ives.
k. Optional Products:
1) FMHD by Pemko
2) MCK25HD by McKinney
3) 780-224HD by Hager.

C. Continuous Pin and Barrel Type Hinges:
1. General:
a. Provide where specifically scheduled by Hardware Sets.
1) Provide products which are labeled for fire ratings scheduled.
b. Comply with BHMA A156.26.
c. Heavy duty hinges (HD), pin and barrel assembly applied to full height of the door and frame without mortising.
d. Mounting: Concealed (non-surface mounted) standard, other profiles optional.
e. Designed to carry vertical door loads on 2 IN knuckle minimum, split nylon bearings at each separation.
f. Templated screw hole locations at door leaf and jamb leaf to simplify replacement.
g. Base Products: FM-300, US32D stainless steel by Markar.
h. Optional Products: McKinney; Select.

D. Pivots:
1. General:
a. Comply with ANSI/BHMA-A156.4, Type CO7111.
b. Offset distance: 3/4 IN.
c. Quantity:
1) For doors up to 60 IN tall: Use a minimum of one bottom pivot, one top pivot per leaf.
2) Use one additional intermediate pivots for each additional 30 IN in height.
d. Upgrade from models listed below to those recommended by manufacturer:
1) Where door weight exceeds capacity of models listed.
2) Where door width exceeds capacity of models listed.
e. Upgrade from models listed as necessary for fire rated openings.
2. Offset Pivots for Interior Doors:
a. Base Products:
1) Bottom pivot: 117 by Rixon.
2) Intermediate Pivot: 119 by Rixon.
3) Top Pivot: 180 by Rixon.
3. Offset Pivots for lead lined doors:
a. Base Products:
1) Bottom pivot: L117 by Rixon.
2) Intermediate Pivot: ML19 by Rixon.
3) Top Pivot: L180 by Rixon.
4. Offset Pivots for aluminum and hollow metal entrance doors:
a. Base Products:
1) Bottom pivot: 195 by Rixon.
2) Intermediate Pivot: M19 by Rixon.
3) Top Pivot: 180 by Rixon.
5. Double-acting pivots:
a. Type and Model indicated in HW-sets.

2.9 ELECTRIC STRIKES

A. General:
1. BHMA A156.31 Grade 1.
2. Provide UL-listed devices for continuous duty.
3. Field selectable voltage (12/24 VDC).

4. Field selectable operation; Fail Safe (FS)/Fail Secure (FSE).
5. Latchbolt Monitor Switch where indicated.
6. Compatible with locksets specified.

B. Base Product:
1. 6200 Series by Von Duprin; Coordinate model w/lock type and door/frame configurations.

2.10 ELECTROMAGNETIC LOCKS (MAGLOCKS)

A. General Requirements:
1. BHMA A156.23 Grade 1.
2. Provide UL-listed devices for continuous duty.
3. Voltage: 24 VDC.
4. Automatic Voltage Selection (AVS).
5. Magnetic Bond Sensor (MBS) and LED indicator.
6. Relock Time Delay (RTD).
7. Door Position Switch (DPS).
8. Include brackets and adapter plates as required for conditions.

B. MagLocks (standard type):
1. Direct Hold electromagnet with minimum holding force: 1500 LBS per leaf.
2. Anti-tamper switch (ATS).
3. Base Product: M490P/492P by Schlage.

C. MagLocks (Delayed Egress):
1. Description: Self-continued unit designed to hold door securely until notified of request to exit.
2. Direct Hold electromagnet with minimum holding force: 1500 LBS per leaf.
3. Internal Plunger Switch to initiate delayed-egress cycle and auxiliary alarm.
   a. Include auxiliary alarm described below.
4. Base Product: M490DEP/M492DEP by Schlage.

D. Alarm (for use with Delayed-Egress MagLocks):
1. Adjustable Alarm tone.
2. Adjustable Alarm volume up to 80 dB.
3. Base Product: 1910 series by Schlage.

E. REX Motion Sensor (by Div 08); for use with standard MagLocks (where indicated):
1. Usage: Used in conjunction with a standard MagLock where indicated as a Request-to-Exit device used to momentarily release maglock.
2. Passive Infrared (PIR) motion sensor.
3. Designed to momentarily release MagLock for exiting.
4. Adjustable re-latch time up to 60 seconds.
5. LED status indicator.
6. Base Product: Scan II by Schlage.

2.11 CONTROLLED ACCESS ACCESSORY ITEMS

A. Keyswitch (KS):
1. Maintained contacts unless otherwise noted; field-selectable to momentary action.
2. Coordinate model variations as appropriate for application described.
3. Red/green LED.
4. Include Cylinder.
5. Locate KS on walls where indicated.
6. Base Product: 653-L2 by Schlage.

B. Exit Button (EB):
1. Definition: Wall-mounted, lock release button for emergency egress.
2. Momentary contacts.
3. Base Product: 623-RD-EX by Schlage.

C. Remote Lock Release (RLR) Button - flush-mount in walls:
   1. Definition: Convenience releasing device, located remotely from opening, to release an electrified locking mechanism.
      a. Where used with Automatic Doors: RLR shall also activate operator to open.
   2. Momentary contacts.
   3. Base Product: 623-GR by Schlage.

D. Remote Lock Activation (RLA) Button - flush-mount, in-wall:
   1. Definition: Crisis lock activation device located remotely from opening, to activate and hold and electrified locking mechanism in the event of threat to facility or occupants.
      a. Where used with Automatic Doors: RLA shall also disable other activation devices on the unsecured side.
   2. Alternate-action/Maintained contacts.
   3. Base Product: 623-GR-AA-DP by Schlage.

E. Remote Lock Release (RLR) Button - Surface-mounted under or under cabinets:
   1. Definition: Convenience releasing device, located remotely from opening, for electrified locking mechanism.
      a. Where used with Automatic Doors: RLR shall also activate operator to open.
   2. Momentary contacts.
   3. Base Product: 660-PB by Schlage.

F. Remote Lock Activation (RLA) Button - Surface-mounted at or under cabinets:
   1. Definition: Crisis lock activation device located remotely from opening, to activate and hold and electrified locking mechanism in the event of threat to facility or occupants.
      a. Where used with Automatic Doors: RLA shall also disable other activation devices on the unsecured side.
   2. Maintained contacts.
   3. Base Product: 660-T4 by Schlage.

G. Card Readers (OF/CI):
   1. Furnished by Owner/Installed by Contractor.

H. Door Position Switches (DPS):
   1. DPS provided with Security System.

I. Request-to-Exit (REX) motion sensors by Security System:
   1. REX devices provided with Security System where necessary to shunt alarm.
   2. Provided/Installed by Security System Installer.

J. Request-to-Exit (REX) motion sensors by Division 08:
   1. REX devices provided by Division 08 where used to momentarily drop a lock for free egress. (See Security System for REX Motion Sensors used to shunt alarm).
   2. Passive Infrared (PIR) technology, un-affected by Fire Alarm Strobes, camera flashes, ambulance lights etc.
   3. Adjustable latch time, up to 60 seconds.
   4. Tilt adjustable.
   5. Selectable Voltage: 12-24 VDC.
   6. Base Product: Scan II by Schlage.
   7. Optional Product: XMS by Securitron; DS150i by Bosch.

K. Miscellaneous Dry-Contact Relays:
   1. SPDT, dry-contact relay (1 Form C) or similar variations as required for conditions.
   2. Typical voltage rating and type: 24 VDC or other voltage combinations for the circuits being interconnected.

L. Fire Alarm Relays:
   1. Specified with Fire Alarm System in Section 28 31 00.

M. Low Voltage Power (centrally supplied by Security System):

1. Unless otherwise noted, Owner's Security System will provide low voltage power required to power items with current draw less than 2 AMP (24 VDC) including the following:
    a. MagLocks.
    b. Electric Strikes.
    c. Electro-Mechanical Mortise Locksets.
    d. Electro-Mechanical Cylindrical Locksets.

N. Power Supplies (PS) – Division 08 devices installed local to opening:
1. General:
    a. Capable of providing filtered, regulated power.
    b. Include relay modules that interface wit Fire Alarm System.
2. Select power supply units that are:
    a. Same brand as primary devices being powered.
    b. Capable of receiving Fire Alarm Inputs.
    c. Capable interfacing scheduled hardware with automatic operators.
    d. Include time delay modules where required for described function.
3. Base Product: Electrified Exit Devices.
    a. Base Model: PS914 by Von Duprin.
    b. Include options that interface with Fire Alarm and Automatic Operators.
    c. Provide UL-listed power supply units where ever electrified Exit Devices are scheduled, including those with: Electric Latch Retraction, Electric Dogging, Electro-mechanical Trim, Alarmed Exiting and Delayed Egress.

O. Power Transfer:
1. UL listed.
2. Base Product: EPT-2 and EPT-10 by Von Duprin.
3. Determine number of conductors as required by application.

2.12 OPERATING TRIM AND PROTECTIVES

A. Kickplates and Armorplates:
1. General: Kickplates: ANSI/BHMA-A156.6, Type J100.
2. Material: Stainless Steel; 0.050 IN thick.
3. Heights:
    a. Kickplates: 8 IN high.
    b. Armorplates: 34IN high.
4. Widths:
    a. Single Doors: 2 IN less door width (LDW).
    b. Pair Doors: 1 IN less door width (LDW).
5. Bevel 3 edges of plates.
6. Coordinate installation of plates with locks and other hardware items; Cut-out where necessary.

B. Door Edging:
1. Material: Stainless Steel.
2. Minimum Thickness: 0.032 IN thick.
3. Provide where indicated in HW-sets.
4. Quantities:
    a. Where Door Edging is indicated in HW-sets: Provide 1 at hinge edge and 1 at latch edge of door.
    b. Exception: Omit from hinge edge where continuous geared hinges are scheduled.
5. Base Product: KE31-1 by Trimco.
6. Height: 34 IN.
7. Provide cut-outs for hinges and similar items.
8. Install with supplied screws.

C. Door pulls, Pushplates and Pushbars:
1. General: ANSI/BHMA-A156.6.

2. Door Pull (offset):
    a. Tubular metal; 1 IN Diameter.
    b. Size: 10 IN (CTC).
    c. Base Product: Trimco 1191-3.
    d. Optional Product: Ives 8190-0.
3. Door Pull (straight):
    a. Tubular metal; 1 IN Diameter.
    b. Size: 10 IN (CTC).
    c. Base Product: Trimco 1195-2.
    d. Optional Product: Ives 8103-0.
4. Pushplate:
    a. Flat metal plate; 1/16 IN thick.
    b. Size:3-1/2 X 15 IN.
    c. Base Product: Trimco 1001-2.
    d. Optional Product: Ives 8200.
    e. Provide cutouts as required for cylinders, deadbolts, etc.
5. Pushbar:
    a. Tubular metal;1 IN Diameter.
    b. Size: Length as required by door width.
    c. Base Product: Trimco 1741.
    d. Optional Product: Ives 9100.
6. Pushbar & Offset Pull Set:
    a. Tubular metal;1 IN Diameter.
    b. Pullbar Size: 10 IN (CTC).
    c. Pushbar Size: Length as required by door width.
    d. Base Product: Trimco 1737.
    e. Optional Product: Ives 9190.
7. Heavy-Duty Pushbar:
    a. Plate metal; 3/8 IN thick; 2-1/2 IN high.
    b. Projection: 3-1/8 IN.
    c. Length (center-to-center): Door width less6 IN.
    d. Base Product: Trimco 1633.

2.13 FLUSHBOLTS

A. General:
    1. Include Flushbolts of type indicated in hardware sets.
    2. The following models are considered equivalent:

Flushbolts						
MFR	Manual Flushbolts		Constant-Latching Flushbolts		Automatic Flushbolts	
	Wood Doors	Metal Doors	Wood Doors	Metal Doors	Wood Doors	Metal Doors
Ives	FB358	FB458	FB61P	FB51P	FB41P	FB31P
Door Controls	790F	780F	945	845	942	842
Rockwood	557	550	1945	1845	1942	1842

B. Automatic Flushbolts (AFB):
    1. Rub/Strike Plate: Provide on active door leaf for each Automatic Flushbolt.
    2. Include Dustproof Strikes.

C. Constant-latching Flushbolts (CLFB):
    1. Rub/Strike Plate: Provide on active door leaf for each Automatic Flushbolt.
    2. Include Dustproof Strikes.

D. Manual Flushbolts (MFB):

1. Include Dustproof Strikes.

E. Dustproof Strikes:
   1. Base: Ives DP2.
   2. Include for all Flushbolts.

2.14 DOOR CONTROL DEVICES

A. Door Stops:
   1. All door leaves shall have a Door Stop.
   2. Use type as indicated in Hardware Set; however, where not specifically indicated in Hardware set provide following types:
      a. Wall-mounted Door Stops:
         1) Provide where door swings more than 110 degrees, and encounters a wall.
         2) Exceptions:
            a) Where door has pushbutton lockset, provide overhead type.
            b) Where double-acting door will not accommodate wall stop on each side of door, provide overhead type.
         3) Base Manufacturer: Ives.
            a) Wood Screw, plastic anchor: WS406CCV.
            b) Screw, drywall anchor: WS407CCV.
      b. Overhead Door Stops:
         1) Provide where door swings more than 110 degrees without encountering a wall:
            a) Doors up to 45 IN wide: Overhead stop Glynn-Johnson 450 Series.
            b) Doors over 45 IN wide: Overhead stop Glynn-Johnson 90 Series.
         2) Where exterior door does not have a closer, or does not swing against a wall: Overhead stop provide Glynn Johnson 90 series.
         3) Where exterior door has a closer and does not swing against a wall provide Glynn-Johnson 100 Series concealed overhead door stop.
         4) At Lead-lined doors provide Glynn-Johnson 90 series overhead door stop.
         5) Where double-acting door has no wall adjacent: Glynn-Johnson 100 Series concealed overhead door stop.

B. Door Coordinators:
   1. Base: Ives, COR Series.
   2. Optional: Door Controls, 600 Series.
   3. General:
      a. Provide where indicated.
      b. Provide where Astragals are used.
         1) Exceptions:
            a) Coordinators are not required at double egress pairs.
            b) Coordinators are not required where manual Flushbolts are used.
      c. Provide where Automatic and Constant-latching Flushbolts are used.
   4. If coordinator is provided for door which has stop which lacks enough surface area to allow proper mounting; provide shims, bars, etc., as required.
   5. Provide solid shim or other fascia piece that will result in surface being flush with edge of coordinator.
   6. Provide filler sections as required to finish opening.

C. Kick-down Holder:
   1. Description: Units provide simple hold and release, activated with a touch of the foot.
   2. Material: Cast brass or aluminum construction with Stainless steel spring.
   3. Replaceable non-marring rubber shoes.
   4. Size for actual floor to door distance.
   5. Base Product: FS452 by Ives.

2.15 THRESHOLDS & WEATHERSTRIPPING

A. General:

1. Provide threshold and weatherstripping items as listed in Hardware Sets.
2. Where doors/frame is extruded aluminum: Refer to Aluminum Door/Frame specifications of description of Perimeter Gasket products.
3. BHMA A156.22; air leakage not to exceed 0.50 CFM/FT of crack when tested to ASTM E 283; with resilient or flexible seal strips that are easily replaceable and readily available from stocks maintained by manufacturer.

B. Thresholds:
1. ANSI/BHMA-A156.6.
2. Material: Aluminum.
3. UL and ADA compliant.
4. Size for frame depth.
5. Provide required bolt cutouts.
6. Base Product:
   a. Panic Threshold: S248 w/Pile Insert by Reese.
   b. Saddle Thresholds with Thermal-break: S282, S471or S473 by Reese.
   c. Bumper Seal Thresholds with Thermal-break: S281 w/Pile Insert by Reese.
   d. Carpet-to-carpet conditions: S565 by Reece.
7. The above items are meant to describe design intent. Contractor to verify that models indicated are appropriate for sill conditions and finishes.
   a. Choose from above models wherever possible.
   b. Reselect similar items where appropriate.
   c. Include elevators and other miscellaneous adaptors where required.

C. Weatherstripping:
1. Use following items where doors/frames occur on the exterior envelope of the building:
   a. Exception: Where exterior doors/frames are scheduled as ALUM, use weatherstripping provided by maker of aluminum door.
2. Head and Jamb Stops:
   a. Surface mounted, adjustable, screwed to frame stops.
   b. Base Product: 775 by Reese.
3. Sweeps:
   a. Base Product: 810 by Reese.
4. Meeting stiles of door pairs:
   a. Base Product: M35 by Reese.

D. Head Drip:
1. Provide on exterior doors other than main entrance doors.
2. Bed flange in sealant and screw to head of frame using non-corrosive fasteners.
3. Base Product: R201 by Reece.
4. Finish as scheduled.

2.16 FIRE AND SMOKE SEALS

A. General:
1. Provide at fire-rated, fire and smoke-rated, and smoke and draft control openings.
2. Provide approved seals as necessary to achieve the fire/smoke labels indicated.
   a. Fire and smoke seals are not specifically listed in Hardware sets but are nevertheless required as necessary to comply with applicable Building Codes and Fire Codes.
   b. Refer to Doors Schedule and Floor Plans for indication of Fire Walls, Fire Barriers, Fire Partitions, Smoke Barriers, and Smoke Partitions. These terms are defined by applicable Building Codes and Fire Codes.

B. Performance:
1. Fire Door Assemblies (other than openings also requiring smoke control):
   a. Maximum Air Leakage: Not to exceed 0.50 CFM/FT of crack length as tested according to ASTM E 283.
2. Smoke- and Draft-Control Door Assemblies:

a. Where smoke- and draft-control door assemblies are required, provide seals that meet requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105.
b. Air Leakage Rate: Maximum air leakage of 3 CFM/FT^2 at the tested pressure differential of 0.1 IN of water.

C. Perimeter Gaskets:
1. BHMA A156.22; UL-approved for conditions.
2. Base Product – Frame perimeter seals at jambs and heads:
a. 797 by Reese; S88 by Pemko.
3. Base Product - Meeting Stiles:
a. 93 by Reese; S305 by Pemko.

D. Astragal:
1. General:
a. Provide where indicated.
b. Where not indicated:
1) Provide as necessary to obtain fire label.
2) Provide on pair doors located on exterior wall.
3) Provide on pair doors located on lead lined walls.
2. Fire-rated Openings:
a. Flat steel:
b. UL listed for labeled doors.
3. Exterior Openings:
a. Aluminum with weatherstripping gaskets.

2.17 SILENCERS

A. General:
1. Silencers are not specifically listed in Hardware sets but are nevertheless required as described in this Article.
2. Provide Silencers at all openings except those receiving perimeter gasketing such as weather, fire, fire/smoke, and sound gaskets.

B. Silencers:
1. Diameter: 1/2 IN.
2. Projection: 1/8 IN.
3. Tamper-proof.
4. Base Product – Steel Frames: SR64 by Ives.

2.18 MISCELLANEOUS HARDWARE ITEMS

A. Hardware, miscellaneous:
1. Standard items by Emhart, Ives, or Sargent.

B. Key cabinet: Size to permit minimum 100% expansion of system.

2.19 ELECTROMAGNETIC DOOR HOLDERS (SPECIFIED ELSEWHERE)

A. Magnetic Door Hold-open devices (MHO):
1. Specified with Fire Alarm System in Section 28 31 00.
2. MHO are indicated in HW-sets for coordination purposes.

2.20 AUTOMATIC DOORS

A. Automatic Swinging Doors:
1. Automatic Operators, Motion Sensors, Wall Switches, Presence Sensors for Automatic Swinging Doors: Specified in Section 08 71 13.
2. Balance of Hardware specified herein.
3. Frames and Door Leaves: Specified in sections for door and frame materials indicated (i.e. alum, wood, hollow metal etc.)

B. Automatic Sliding Doors:
   1. Aluminum Frames, Door Panels, Tracks, Operators, Motion Sensors, Wall Switches, Presence Sensors, Electric Locking Mechanisms, Exit Devices and other elements of automatic sliding door package units: Specified in Section 08 42 29.
   2. Balance of Hardware specified herein.

2.21 EXTRA MATERIAL AND TOOLS

A. General:
   1. Deliver to Owner extra materials from same production run as products installed.
   2. Package products with protective covering and identify with descriptive labels.

B. Interchangeable cores:
   1. Provide 10 extra for each Master-keyed group.

C. General Hardware Items:
   1. For the following items, provide a quantity of units equal to 1% of amount installed for each function and type; with a minimum of 1 unit each required:
      a. Latchsets and Locksets.
      b. Closers.

D. Special Tools:
   1. Provide special wrenches and tools applicable to each different or special hardware component.
   2. Minimum Quantity: 6 sets of lock tools.

E. Maintenance Tools:
   1. Provide maintenance tools and accessories supplied by hardware component manufacturer.

F. Extra Keys:
   1. As specified in Article entitled: Operation – Keying

2.22 OPERATION - KEYING

A. Establish keying system with Owner:

B. Provide and set up complete visible card indexed system with key tags and control slips.

C. Tag and identify keys and install in key cabinet.

D. Provide 3 keys for each lock mechanism.

E. Master key and key in groups as directed.
   1. Provide 6 master keys for each group.

F. Grand Master key and key in as directed.
   1. Provide 6 copies of grand master keys.

G. Great Grand Master key and key in as directed.
   1. Provide 6 copies of grand master keys.

H. Key to existing master key system.

I. Construction Keying:
   1. Provide cylinders with feature that permits voiding of construction keys without cylinder removal.
      a. Provide 10 construction master keys.
   2. Provide construction keying for exterior doors and primary entrances to construction areas.
      a. Construction Manager/General Contractor shall determine which openings will require construction keying based on sequence of construction activities.

2.23 HARDWARE SETS – SINGLE, INTERIOR DOORS

A. HW-02:
   1. Hinges
   2. Mortise Lockset, office F04
   3. Stop
   4. Closer
   5. Door Position Switch (At doors 1017 & 1019A).

B. HW-03:
   1. Hinges
   2. Mortise Lockset, storeroom F07
   3. Stop

C. HW-04:
   1. Hinges
   2. Mortise Lockset, storeroom F07
   3. Stop
   4. Closer
   5. Kickplate

D. HW-05:
   1. Hinges
   2. Mortise Lockset, privacy F22
   3. Stop

E. HW-06:
   1. Hinges
   2. Mortise Lockset, privacy F22
   3. Stop
   4. Closer
   5. Kickplate

F. HW-08:
   1. Hinges
   2. Mortise Lockset, classroom F05
   3. Stop
   4. Closer
   5. Kickplate

G. HW-09:
   1. Hinges
   2. Mortise Latchset, passage F01
   3. Stop
   4. Kickplate

H. HW-10S:
   1. Hinges
   2. Mortise Latchset, passage F01-Trim on Corridor Side of Door Only
   3. Closer With Integral Stop
   4. Kickplate

I. HW-12:
   1. Hinges
   2. Mortise Lockset, dormitory w/integral deadbolt F13 (lever)
   3. Stop
   4. Closer
   5. Sound Gasket
   6. Automatic door bottom Zero 361

J. HW-13:
   1. Hinges
   2. Closer
   3. Pushplate
   4. Pull
   5. Stop
   6. Kickplate

K. HW-14:
   1. Hinges
   2. Closer
   3. Pushplate
   4. Pull
   5. Stop
   6. Kickplate
   7. Deadbolt, Schlage B-663P.
   8. Cylinder

L. HW-16:
   1. Hinges
   2. Cylindrical Patient Latch (non-locking)
   3. Stop
   4. Kickplate

M. HW-26:
   1. Hinges
   2. Exit Device
      a. Rim type
      b. Fire Rated
      c. Lever Trim
   3. Closer
   4. Stop
   5. Kickplate
   6. Cylinder

2.24 HARDWARE SETS – DOUBLE EGRESS (INTERIOR)

A. HW-38M:
   1. Hinges
   2. 2 Closers
   3. 2 CVR Exit Devices
      a. Exit Only Trim
      b. Fire Rated
      c. Less Bottom Rod
   4. 2 Kickplates
   5. Stops
   6. Astragal if required by label
   7. 2 Magnetic holds (by Section 28 31 00)

2.25 HARDWARE SETS – PAIR DOORS (SWINGING SAME DIRECTION)

A. HW-40:
   1. Hinges
   2. 2 Closers
   3. Constant Latching Flushbolts (inactive leaf)
   4. Automatic Flushbolts (inactive leaf)
   5. Mortise Lockset, storeroom F07
   6. 2 Kickplates
   7. 2 Stops

8. Astragal if required by label
    a. Include Coordinator (or Open Back strike as permitted by label).
9. Dustproof strike

B. HW-43P:
1. Hinges
2. 2 Closers, Delayed Action Type
3. Manual Flushbolts (inactive leaf)
4. Dustproof strike
5. Mortise Patient Latchset, (Locking Type)
    a. Mortise Lockbody w/Patient Paddles
    b. Base Product: HL6-9070 (Classroom Function) by Glynn Johnson
6. Astragal if required by label
    a. Provide Coordinator.
7. 2 Stops
8. 2 Door Edging (strike sides)
9. 2 Kickplates

C. HW-45:
1. Hinges
2. 2 Closers
3. 2 CVR Exit Devices
    a. Fire Rated.
    b. One with Lever Trim; one with Exit Only Trim.
    c. Less Bottom Rod
4. 2 Stops
5. 2 Kickplates
6. Astragal if required by label
    a. Include Coordinator.

D. HW-45M:
1. Hinges
2. 2 Closers
3. 2 CVR Exit Devices
    a. Fire Rated.
    b. Less Bottom Rod
    c. One with Lever Trim; one with Exit Only Trim.
4. 2 Stops
5. 2 Kickplates
6. Astragal if required by label
    a. Include Coordinator.
7. 2 Magnetic holds (by Section 28 31 00)

2.26 HARDWARE SETS – CLOSETS AND MISCELLANEOUS

A. HW-73:
1. Bypass Sliding Door Hardware Set: L. E. Johnson Products Model 200WF with Fascia.
    a. 200 Series Track with Mounting Brackets.
    b. Clear Satin Anodized Fascia.
    c. Set of 2020 4-Wheel Ball Bearing Door Hangers and Brackets.
    d. Wall Mounted Door guide at Door Bottom.
    e. Track Stops at Each End of Track.
    f. Provide Owner with Dedicated Tools as Needed.
2. 2 Pulls.
    a. Hager 27N (ADA Compliant).

2.27 HARDWARE SETS – RADIATION RESISTANT DOORS

A. HW-81:
   1. Pivots
   2. Mortise Patient Latch (locking type):
      a. Mortise Lockbody w/Patient paddles.
      b. Base Product: HL6-9070 (classroom function) by Glynn Johnson.
      c. Lead Lined.
   3. Closer
   4. Stop
   5. Kickplate (adhesive applied)

2.28 HARDWARE FOR AUTOMATIC SWINGING DOORS

A. General:
   1. Operators, Wall Switches (WS), Touch-less Wall Switches (TWS), Motion Sensors (MS) etc. are specified in Section 08 71 13.
   2. Provide additional components as required to comply with Functional Descriptions indicated.
   3. Provide additional items as required to comply with Fire Label.
   4. Provide additional items as required to comply with applicable ANSI/BHMA standards.

B. AU-21:
   1. 2 SDO Operators (ANSI/BHMA 156.10).
      a. Safety Sensors as required by ANSI/BHMA 156.10.
   2. Continuous Geared Hinges.
   3. 2 Pushplates.
   4. 2 Pulls.
   5. 2 Kickplates.
   6. 2 Armorplates
   7. Door Edging
   8. Activation Devices:
      a. Ingress: Wallswitch (WS).
      b. Egress: Wallswitch (WS).
   9. FUNCTIONAL DESCRIPTION:
      a. Ingress: Free auto ingress by TWS, or manually by Pull.
      b. Egress: Free auto egress by TWS, or manually by Pushplate.
      c. Loss of Power/Fire Alarm: No latching required.

C. AU-30:
   1. 2 FDO Operators (ANSI/BHMA 156.10).
      a. Safety Sensors as required by ANSI/BHMA 156.10.
   2. Continuous Geared Hinges.
      a. Cut-out for Power Transfer
   3. 2 CVR Exit Devices
      a. Electric Latch Retraction.
      b. Fire Rated.
      c. Less Bottom Rod
   4. 2 Power Transfers.
   5. Power Supply
      a. For electrified Exit Devices.
   6. Activation Devices:
      a. Ingress: Wallswitch (WS).
      b. Egress: Wallswitch (WS).
   7. 2 Kickplates
   8. 2 Armorplates
   9. Door Edging
   10. Stops.

11. Astragal, if required for Fire Label.
12. FUNCTIONAL DESCRIPTION:
    a. Ingress: Free auto ingress by WS, or manually by panic bar.
    b. Egress: Free auto egress by WS, or manually by panic bar.
    c. Loss of Power: Panic devices to remain latched.
    d. Fire Alarm: Panic devices to remain latched.

D. AU-34:
1. 2 FDO Operators (ANSI/BHMA 156.10).
    a. Safety Sensors as required by ANSI/BHMA 156.10.
2. Continuous Geared Hinges.
    a. Cut-out for Power Transfer
3. 2 CVR Exit Devices:
    a. Electric Latch Retraction.
    b. Fire Rated.
    c. Less Bottom Rod
4. 2 Power Transfers.
5. For electrified Exit Devices.
6. 2 Delayed-Egress MagLocks:
    a. Includes on-board sensor that initiates delay-egress cycle
7. 2 Alarms.
8. Power Supply for MagLocks (combined w/Power booster if possible)
9. Activation Devices:
    a. Ingress: Cardreader (by Security System Installer).
    b. Egress: Cardreader (by Security System Installer).
10. 2 Keyswitches:
    a. Each used to control 1 MagLock (ON/OFF)
11. 2 Kickplates
12. Stops.
13. Astragal, if required for Fire Label.
14. DPS by Security Provider.
15. FUNCTIONAL DESCRIPTION:
    a. Ingress: Auto ingress by Reader #1. Manual ingress permitted in emergency, Delayed Egress MagLock #1 to release after short delay period (but alarm to sound). Staff may also ingress manually by disarming Maglock #1 with keyswitch #1.
    b. Egress: Auto ingress by Reader #2. Manual ingress permitted in emergency, Delayed Egress MagLock #2 to release after short delay period (but alarm to sound). Staff may also ingress manually by disarming Maglock #2 with keyswitch #2.
    c. Loss of Power: MagLocks to release for free manual use of both leaves.
    d. Fire Alarm signal to release MagLocks. Exit Devices to remain positively latched.

2.29 CONTROLLED ACCESS (CA) HARDWARE SETS

A. CA-01:
1. Hinges.
2. Mechanical Pushbutton Lockset.
    a. Simplex L1000 Series by Kaba Ilco.
    b. Key bypass and passage set function.
3. Overhead stop
4. Closer
5. Kickplate.
6. FUNCTIONAL DESCRIPTION:
    a. In by keypad or override by key
    b. Free egress.

B. CA-03:
1. Hinges.
2. Mortise Lockset, storeroom F07

3. Stop
4. Closer
5. Kickplate
6. Electric Strike:
    a. Fail Secure (FSE).
    b. Power Supply as required.
    c. Latchbolt Monitor Switch (wired as request-to-exit switch to shunt alarm).
7. Cardreader (by Security System Installer).
8. Door Position Switch (by Security System Installer).
9. FUNCTIONAL DESCRIPTION:
    a. In by Cardreader or override by key
    b. Free egress by inside trim; LBM to shunt alarm.

C. CA-10:
1. Hinges.
2. 2 Closers:
    a. Delayed-Action type.
3. 2 CVR Exit Devices:
    a. Fire-rated.
    b. Non-Fire Rated (doggable)
    c. One device w/Lever trim and Electric Latch Retraction (ELR)
    d. One device w/Exit Only Trim (no ELR)
    e. Less Bottom Rod.
    f. Cylinder(s)
    g. Rx-switch in panic bar
4. Local Power Supply (by Div 08)
5. 2 Power Transfers.
6. 2 Stops.
7. 2 Kickplates
8. Access Device:
    a. Cardreader (by Security System Installer).
9. 2 Door Position Switch (by Security System Installer).
10. REX Motion Sensor (by Security System Installer).
11. FUNCTIONAL DESCRIPTION:
    a. Manual ingress by Reader plus panic device .
    b. Free manual Egress (both leaves); Rx-switch to shunt alarm.
    c. Loss of Power: Release MagLock; Free ingress/egress.
    d. Fire Alarm: Release MagLock; Free ingress/egress.

2.30 GATES IN STAIRS

A. Where gates are indicated in stairs, include 1 pair of Hinge Type-5, (Spring Hinges), and a wall-mounted door bumper.
1. Steel Gates: Specified in Section 05 50 13.
2. If used on gates which are exterior, upgrade to Stainless Steel.

PART 3 - EXECUTION

3.1 INSPECTION

A. Verify suitability of substrate to accept installation.

B. Installation constitutes responsibility for performance.

C. Verify that power supply is available to electrically operated devices.

3.2 INSTALLATION

A. Install in accordance with manufacturer's installation instructions, supervised or inspected by an AHC.

B. Fit hardware before final door finishing.

C. Permanently install hardware after finishing operations are complete.

D. Protect finishes by temporary coverings as required.

E. Mounting Heights:

Mounting Heights of Hardware	
Item	**Height** [1,2] (to Item Centerline)
Mortise Locksets	40-5/16 IN AFF to Centerline of Strike [3]
Cylindrical Locksets	
Patient Latches	
Exit Devices	
Door Pulls	42 IN AFF to Centerline of Pull
Pushplates	45 IN AFF to Centerline of Plate
Auxiliary Deadbolts	48 IN AFF to Centerline of Strike
Butt Hinges (and Pivots)	Top Hinge: Not more than 11-3/4 IN down from frame
	Bottom Hinge: Not more than 13 IN above floor
	Equally spaced between Top and Bottom Hinges. Refer to Part 2 for quantity required.
Other Items	Comply with SDI and DHI Recommendations

Footnotes/Additional Requirements:

1. *Mounting Heights shall also comply with ADA and ICC/ANSI 117.1*
2. *Mounting Heights shall also comply with prevailing Building Code and Fire Codes.*
3. *Deviation of from listed height will be allowed up to + 1-1/2 IN provided this does not cause a conflict of between the lock and lite cutouts.*

F. Install hardware with fasteners concealed where not required by code to be exposed.

G. Coordinate installation of electric access control hardware.
   1. Hardware installer to be responsible for coordination with electrical installer for low voltage installations.

H. Door Position Switches (DPS):
   1. Coordinate door and frame preparations with door and frame suppliers, and Security System installer as appropriate.
   2. Locate in frame head approximately 4 IN from latching door edge, unless otherwise instructed.

3.3 ADJUST AND CLEAN

A. Adjust and check each operating item of hardware to ensure proper operation or function.
   1. Lubricate moving parts with lubricant recommended by manufacturer.
   2. Replace units which cannot be adjusted and lubricated to operate smoothly.

B. Conversion of Construction Keying to Permanent (by Contractor):
   1. Convert cylinders from Construction to Permanent configuration at time of Substantial Completion.

2. Demonstrate conversion method to Owner’s facility personnel, making certain Owner’s team understands methodology.

C. Approximately six months after substantial completion, check and readjust to assure proper function of doors and hardware.
   1. Clean and lubricate operational items.
   2. Replace items which have deteriorated or failed.
   3. Prepare a written report of current and predictable problems in operation of hardware.
   4. Report visit and furnish copy of report to Owner with copy to Architect.

D. When hardware is installed more than one month prior to final acceptance or occupancy, during week prior to acceptance or occupancy, make a final check and adjustment of hardware items.
   1. Remove temporary coverings.
   2. Clean and lubricate as necessary to assure proper function and finish.
   3. Adjust door control devices to compensate for operation of heating and ventilating equipment.

E. Instruct Owner's personnel:
   1. Operating and maintenance procedures.
   2. Key control system.
   3. Methodology used to re-key cylinders from Construction to Permanent configuration.

F. Prior to substantial completion instruct Owner's personnel in systems operation.
   1. Standard system operation and maintenance.
   2. Modification of codes.
   3. Acquisition, monitoring and scheduling of ID cards.
   4. Instruction in software applications.

END OF SECTION

SECTION 10 11 00
TACKBOARDS (Revised AD-1)

PART 1 - GENERAL

1.1 SUMMARY

AD-1: Section 10 11 00; 11/26/2013: Revise Paragraph 1.1, A.

A. Furnish labor, materials, tools, equipment, and services for Tackboards, as indicated, in accordance with provisions of Contract Documents.

B. Completely coordinate with work of other trades.

1.2 SUBMITTALS

A. Shop Drawings:
   1. Include dimensional plans, elevations and details, large-scale sections of typical members, and other components. Show anchors, grounds, reinforcement and layout, and indicate finishes.
   2. Include setting drawings, templates, and directions for installing anchor bolts and other anchorages to be installed as a unit of Work in other Sections.

B. Project Data:
   1. Provide copies of manufacturer’s specifications and installation instructions for each type of material and accessory required.
   2. Where fire resistance classification is indicated, submit copies of nationally recognized testing laboratory listings of products proposed for use.
   3. Include data required to show specification compliance.

C. Samples:
   1. Manufacturer's color charts showing full range of colors and textures for board and sheet finishes.
   2. Aluminum trim and accessories: 4 IN long sections of extrusions.
   3. Sheet materials: 8 IN x 10 IN samples.

D. Project Information:
   1. Installer qualifications.

E. Contract Closeout Information:
   1. Maintenance data.
   2. Warranty.

1.3 WARRANTY

A. Warranty signed jointly by manufacturer and Contractor.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

AD-1: Section 10 11 00; 11/26/2013: Revise Paragraph 2.1, A.

A. Tackboards:
   1. Base:
      a. Claridge Products & Equipment.
   2. Optional:
      a. ADP Lemco.

B. Other manufacturers desiring approval comply with Section 00 26 00.

2.2 MATERIAL

AD-1: Section 10 11 00; 11/26/2013: Revise Paragraph 2.2, A.

A. Furnish Tackboards by one manufacturer for entire project.

B. Tackboards, vinyl fabric faced (TB):
   1. Vinyl fabric complying with F.S.CCC-W-408, Type II, Class 2, laminated to 1/4 IN cork sheet.
      a. TB 1: 18 IN high x 24 IN wide.
      b. TB 2: 24 IN high x 36 IN wide.
      c. TB 3: 36 IN high x 48 IN wide.
   2. Manufacturers standard color and fabric line.
   3. Laminate under pressure to minimum 1/4 IN thick treated plywood or hardboard backing.

C. Frames and trim:
   1. Minimum 0.062 IN thick aluminum.
   2. Size and shape as indicated.
   3. Single length units to minimize joints.
   4. Miter corners to a neat, hairline closure.
   5. Satin anodized finish, AA-M30C22A31.
   6. Manufacturer's standard narrow trim, approximately 1/2 IN wide.
   7. When structural support accessories are required for boards in addition to normal trim, provide such additional support or modify trim as required to provide necessary support.

D. Troughs:
   1. Continuous, for each board.
   2. Box type, with slanted front and cast aluminum end closures.

2.3 FABRICATION

A. Deliver completely assembled whenever possible.

B. When dimensions require delivery in separate units, prefit at factory, disassemble for delivery, and make final joint at site.

PART 3 - EXECUTION

3.1 INSPECTION

A. Verify suitability of substrate to accept installation.

B. Insure that adequate Wall Backing has been installed.
   1. Metal Wall Backing: Specified in Section 09 22 16.
   2. Coordinate and direct installation of backing where required.

C. Correct unsatisfactory conditions.

D. Installation constitutes acceptance of responsibility for performance.

3.2 INSTALLATION

AD-1: Section 10 11 00; 11/26/2013: Revise Paragraph 3.2, A.

A. Provide trim at joints between Tackboards.

B. Trim out vertical joints with aluminum H type divider bars.

C. Provide additional backing as indicated or necessary to properly stiffen and support boards.

D. Install at locations indicated in accordance with manufacturer's instructions.

E. Install with concealed hangers, plumb and level.

F. Locate with top 6 FT AFF if board is 36 IN high or less.

G. Locate with top 7 FT AFF if board is greater than 36 IN high.

H. Coordinate job assembled units with grounds, trim, and accessories.

I. Join parts with neat, precision fit.

J. In addition to requirements of these specifications, comply with manufacturer's instructions and recommendations.

K. Protect after installation until accepted by Owner.

END OF SECTION

SECTION 10 51 13

METAL LOCKERS (Revised AD-1)

PART 1 - GENERAL

1.1 SUMMARY

A. Furnish labor, materials, tools, equipment, and services for Metal Lockers, as indicated, in accordance with provisions of Contract Documents.

B. Completely coordinate with work of other trades.

1.2 QUALITY ASSURANCE

A. U.S. Department of Justice ADA Standards for Accessible Design.

B. Metal wall backing: Specified in Section 09 22 16.

1.3 SUBMITTALS

A. Shop Drawings:
   1. Drawings including room layout, elevations, component sizes and dimensions.
   2. Attachment details and coordination with adjacent work.
   3. Standard details of component construction.

B. Samples:
   1. Sample of panel material as noted in Drawing I-001 Interior Notes & Finish Legend.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

A. Standard Metal Lockers:
   1. Base:
      a. Penco Products.
   2. Optional:
      a. Republic Storage Systems.
      b. Lyon Metal Products.
      c. List Industries.

B. Other manufacturers desiring approval comply with Section 00 26 00.

2.2 MATERIALS

A. Sheet steel:
   1. Cold rolled for doors and door frames.
   2. Cold rolled or annealed for other parts.
   3. Free from surface imperfections.

B. Fasteners:
   1. Zinc plated steel, including washers.
   2. Exposed bolt heads, slot-less type.
   3. Provide lock washers for nuts on moving parts.
   4. Do not expose bolts or rivet heads on fronts of lockers or frames.

C. Frames:
   1. Minimum 0.06 IN (16 GA) channels or 0.09 IN (14 GA) angles with corners electrically welded to form a solid, one piece structure.

2. Door stops at door openings.
3. Rubber silencer at each latch hook location.
4. Horizontal members between doors of multiple-tier lockers for rigidity.

D. Backs and sides:
1. Minimum 0.024 IN (24 GA) steel.
2. Flange backs on vertical edges and sides where they inter-member with backs, making double flanged rear corners.

E. Exposed ends of lockers: Minimum 0.06 IN (16 GA).

F. Tops, bottoms and shelves: Minimum 0.024 IN (24 GA) steel, flanged on all sides.

G. Continuous Sloping Tops:
1. Continuous sloped, minimum 0.036 IN (20 GA) steel.
2. Provide end closure pieces, corner and other fillers.
3. Miter corner filler pieces.

H. Doors:
1. One piece, 0.048 IN (18 GA) steel, flanged at edges.
2. One piece, 0.06 IN (16 GA) steel, flanged at edges if greater than 20 IN high or 12 IN wide.
3. Reinforce inside of doors with minimum 0.036 IN (20 GA) vertical or horizontal steel channel as required by configuration.
4. Door swing: 180 degrees.
5. Stamped louvered vents in door faces.
   a. Double tier lockers: Minimum 6 louver openings top and bottom of each door.

I. Door Hinges:
1. Heavy duty, steel, full loop, 5-knuckle, tight pin.
2. Minimum 0.074 IN (14 GA) thick, 2 IN high.
3. Minimum 3 hinges per door 48 IN high and over.
4. Minimum 2 hinges for other doors.

J. Base Closure:
1. Minimum 0.048 IN (18 GA) steel continuous recessed base.
2. 4 IN high.
3. Cover entire front and exposed ends of lockers.
4. Flange bottoms inward for stiffening.
5. Factory finish base to match lockers.

K. Latching:
1. ADA compliant handle.
2. Rubber silencer at each latch hook.
3. 2 point latching for 2, 3 and 4-tier lockers.
4. Friction catch for box lockers.

L. Accessible Lockers:
1. Where accessible lockers are designated, provide fully compliant units.
2. Additional Requirements:
   a. Apply appropriate symbol sign on exterior face of door.
   b. Double Tier lockers:
      1) Accessible compartments in the lower tier only.

M. Description of Locking Type:
1. General:
   a. See schedule for location of type required.
2. Padlock Tabs:
   a. Latch pull with hole to accept padlock.
   b. Padlock provided by Owner/ Others.
   c. Provide where scheduled.

3. Captive Key (Key Retaining) Lock:
    a. Key retaining feature.
    b. Keyed separately and master keyed.
    c. 2 keys for each lock and 2 master keys.
    d. Lock with spring bolt action.
    e. Key removable from lock only in locked position.
    f. Provide for 5th floor “Visitor Lockers” (Room 5023)

N. Accessories:
1. Full-height, 2-tier and 3-tier lockers:
    a. Provide one double prong hook at center of shelf or ceiling of locker.
    b. Provide two single prong wall hooks. Center one in each side wall.
2. Provide shelf at Full Height lockers.
3. For Full-height lockers which are18 IN and deeper, provide hanger rod in lieu of hook.

O. Number plates:
1. Manufacturer's etched or stamped, non-ferrous metal number plates.
2. Three digit numerals minimum 1/2 IN high.
3. Sequence numbers as directed by Architect.
4. Attach plates centered, near top of each locker door, with two fasteners of same finish as number plate.
5. No manufacturer's name allowed.

P. Sealant: Specified in Section 07 92 16.

2.3 FABRICATION

A. Fabricate metal lockers square, rigid, and without warp and with metal faces flat and free of dents or distortion.

B. Form body panels, doors, shelves, and accessories from one-piece steel sheet.

C. Provide fasteners, filler plates, supports, clips, and closures as required for complete installation.

D. Finish: Apply baked on enamel finish to surfaces, exposed and concealed, except plated and non-ferrous metal.

E. Color to be selected from manufacturer’s standard line.

2.4 STANDARD METAL LOCKER TYPES

AD-1: Section 10 51 13; 11/26/2013: Revise paragraph 2.4, A.

A. Locker types:
1. 2-Tier: 15 IN wide, 15 IN deep, 72 IN high.
2. 5-Tier: 12 IN wide, 12 IN deep, 72 IN high.

2.5 LOCKER BENCHES

A. General:
1. Provide where indicated.
2. Finish: Manufacturer's standard type.
3. Bench Top:
    a. Laminated hardwood board 1-1/4 IN thick.
    b. Edges and corners rounded, and sanded.
    c. Width: 9-1/2 IN.
    d. Length: As indicated.

B. Fixed Bench (locker-mounted) Brackets:

1. Mount lockers and bench on minimum 0.093 IN (12 GA) angles and 0.060 IN (16 GA) channels at 16 IN AFF.
2. Only to be used in staff locker areas

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine walls, floors, and support bases, with installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the work.

B. Ensure that adequate wall backing has been installed.

C. Correct unsatisfactory conditions.

D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Install lockers plumb, level, rigid, and flush, in accordance with the manufacturer's instructions.

B. Conceal fasteners wherever possible.

C. Install trim, filler, closure and metal base pieces with concealed fasteners to provide flush, hairline joint against adjacent surfaces.

D. Install fixed benches by anchoring to floor construction or to lockers where indicated.

3.3 ADJUSTING, CLEANING, AND PROTECTION

A. Clean, lubricate, and adjust hardware.
   1. Adjust doors and latches to operate easily without binding.
   2. Verify that integral locking devices operate properly.

B. Protect metal lockers from damage, abuse, dust, dirt, stain, or paint.
   1. Do not permit use during construction.

C. Touch up marred finishes, or replace metal lockers that cannot be restored to factory-finished appearance.
   1. Use only materials and procedures recommended or furnished by locker manufacturer.

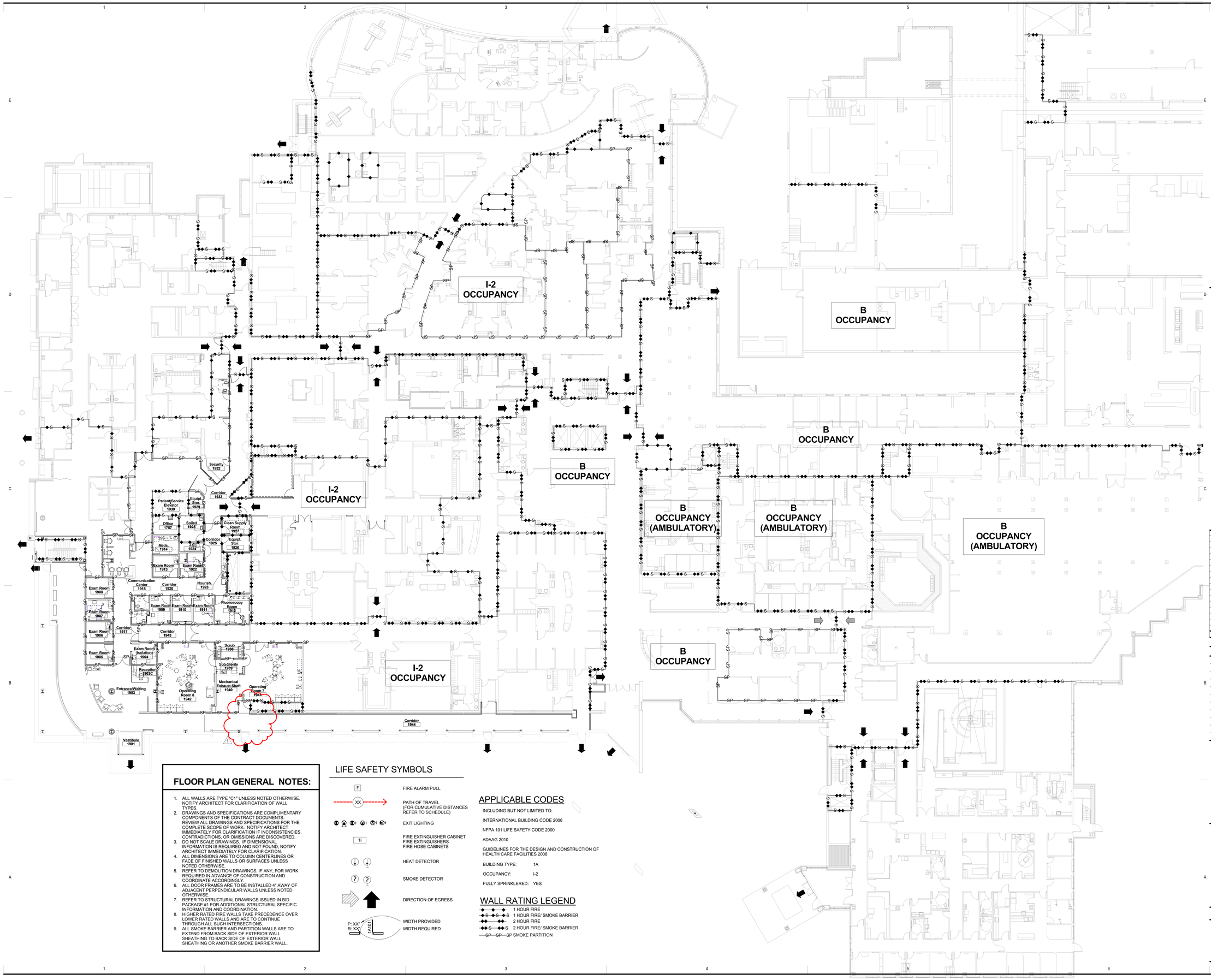
END OF SECTION

SECTION 11 70 00S
EQUIPMENT SCHEDULE
AD-1 Revisions

Room	HDR ID/Opt	Quantity	F/I	Description	Manufacturer	Model Number
3006	**Medical/ Telemetry (Ceiling Lift)**					
	LIFTP75	0 Deleted Deleted per Owner request.	OF CI	Lift, Patient, Ceiling, Allowance	ARJO, Inc	Maxi Sky System
3018	**ICU Patient Room (Isolation and Ceiling LIft)**					
	LIFTP75	0 Deleted Deleted per Owner request.	OF CI	Lift, Patient, Ceiling, Allowance	ARJO, Inc	Maxi Sky System
3024	**ICU Patient Room (Ceiling Lift)**					
	LIFTP75	0 Deleted Deleted per Owner request.	OF CI	Lift, Patient, Ceiling, Allowance	ARJO, Inc	Maxi Sky System
3026	**Medical/Telemetry / Peds. (Flex Room - Isolation)**					
	LIFTP75	0 Deleted Deleted per Owner request.	OF CI	Lift, Patient, Ceiling, Allowance	ARJO, Inc	Maxi Sky System
3007	**Medical/ Telemetry (Isolation and Ceiling Lift)**					
	LIFTP75	0 Deleted Deleted per Owner request.	OF CI	Lift, Patient, Ceiling, Allowance	ARJO, Inc	Maxi Sky System
3001	**Medical/ Telemetry (Ceiling Lift)**					
	LIFTP75	0 Deleted Deleted per Owner request.	OF CI	Lift, Patient, Ceiling, Allowance	ARJO, Inc	Maxi Sky System
4006	**Post-Surgical (Isolation)**					
	LIFTP75	0 Deleted Deleted per Owner request.	OF CI	Lift, Patient, Ceiling, Allowance	ARJO, Inc	Maxi Sky System

Room	HDR ID/Opt	Quantity	F/I	Description	Manufacturer	Model Number
4008	**Post-Surgical (Ceiling Lift)**					
	LIFTP75	0 Deleted Deleted per Owner request.	OF CI	Lift, Patient, Ceiling, Allowance	ARJO, Inc	Maxi Sky System
4001	**Post-Surgical (Ceiling Lift)**					
	LIFTP75	0 Deleted Deleted per Owner request.	OF CI	Lift, Patient, Ceiling, Allowance	ARJO, Inc	Maxi Sky System

END OF SECTION



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- HEAT DETECTOR
- SMOKE DETECTOR
- DIRECTION OF EGRESS
- P: XX' / R: XX' / 1A101 — WIDTH PROVIDED / WIDTH REQUIRED

APPLICABLE CODES

INCLUDING BUT NOT LIMITED TO:

INTERNATIONAL BUILDING CODE 2006

NFPA 101 LIFE SAFETY CODE 2000

ADAAG 2010

GUIDELINES FOR THE DESIGN AND CONSTRUCTION OF HEALTH CARE FACILITIES 2006

BUILDING TYPE: 1A

OCCUPANCY: I-2

FULLY SPRINKLERED: YES

WALL RATING LEGEND

- 1 HOUR FIRE
- S 1 HOUR FIRE/ SMOKE BARRIER
- 2 HOUR FIRE
- S 2 HOUR FIRE/ SMOKE BARRIER
- SP SMOKE PARTITION

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Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

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ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT * MICHAEL L. GOERTZEN A-2047 * STATE OF NEBRASKA

FIRST FLOOR LIFE SAFETY PLAN

SCALE: As indicated

G-101

CONSTRUCTION DOCUMENTS

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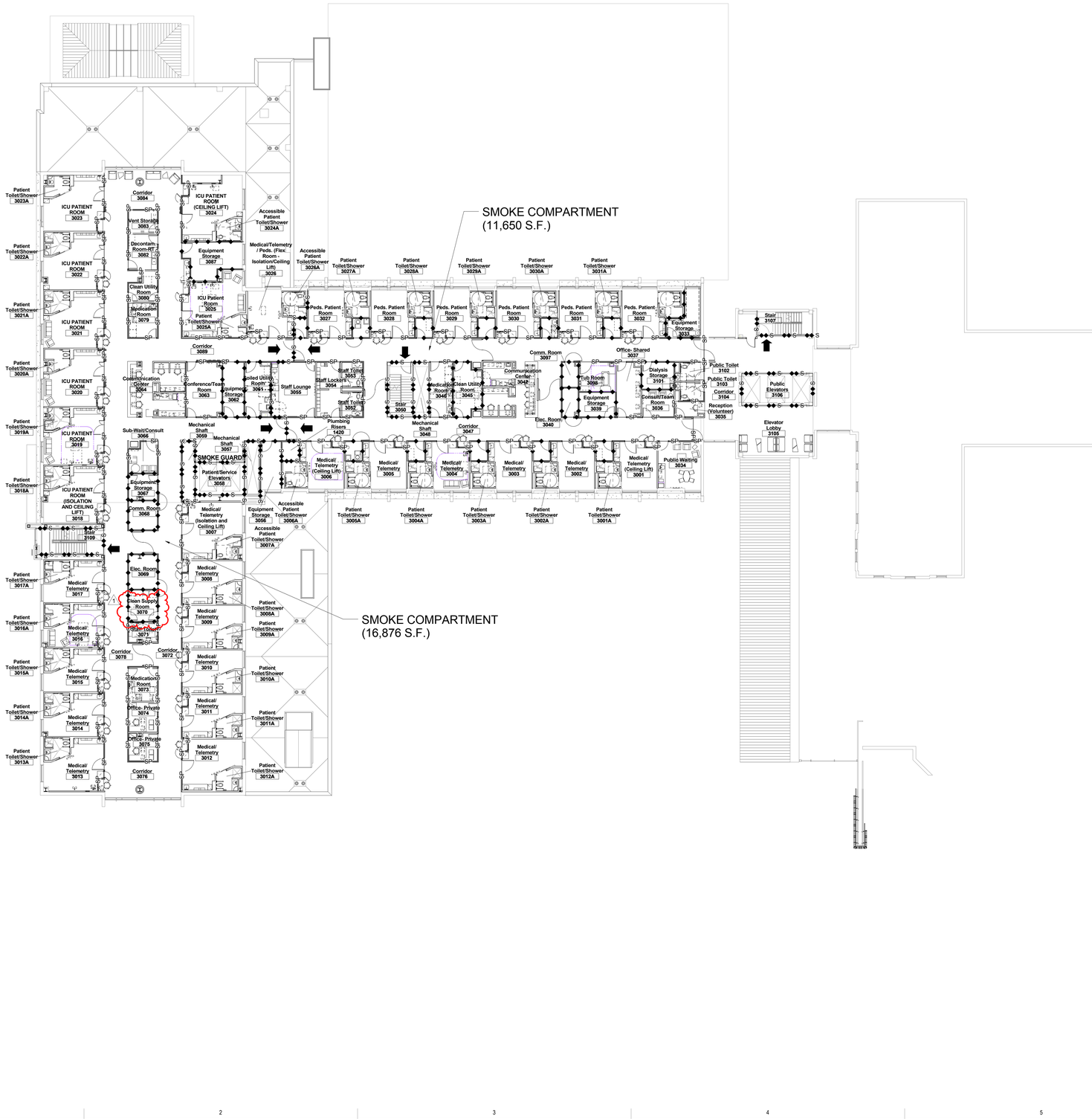

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ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT * MICHAEL L. GOERTZEN A-20747 * STATE OF NEBRASKA

THIRD FLOOR LIFE SAFETY PLAN

SCALE: As indicated

G-103

CONSTRUCTION DOCUMENTS

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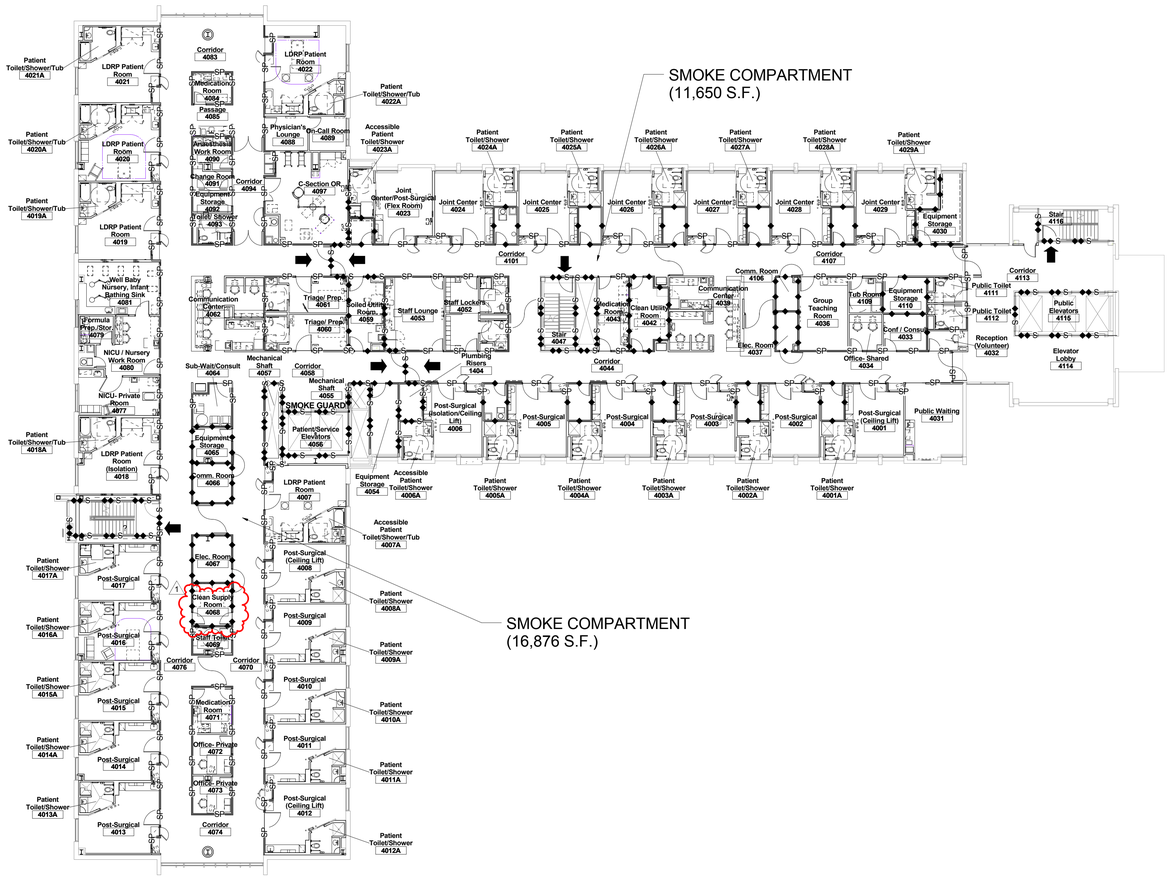

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DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

FOURTH FLOOR LIFE SAFETY PLAN

SCALE: As indicated

G-104

CONSTRUCTION DOCUMENTS

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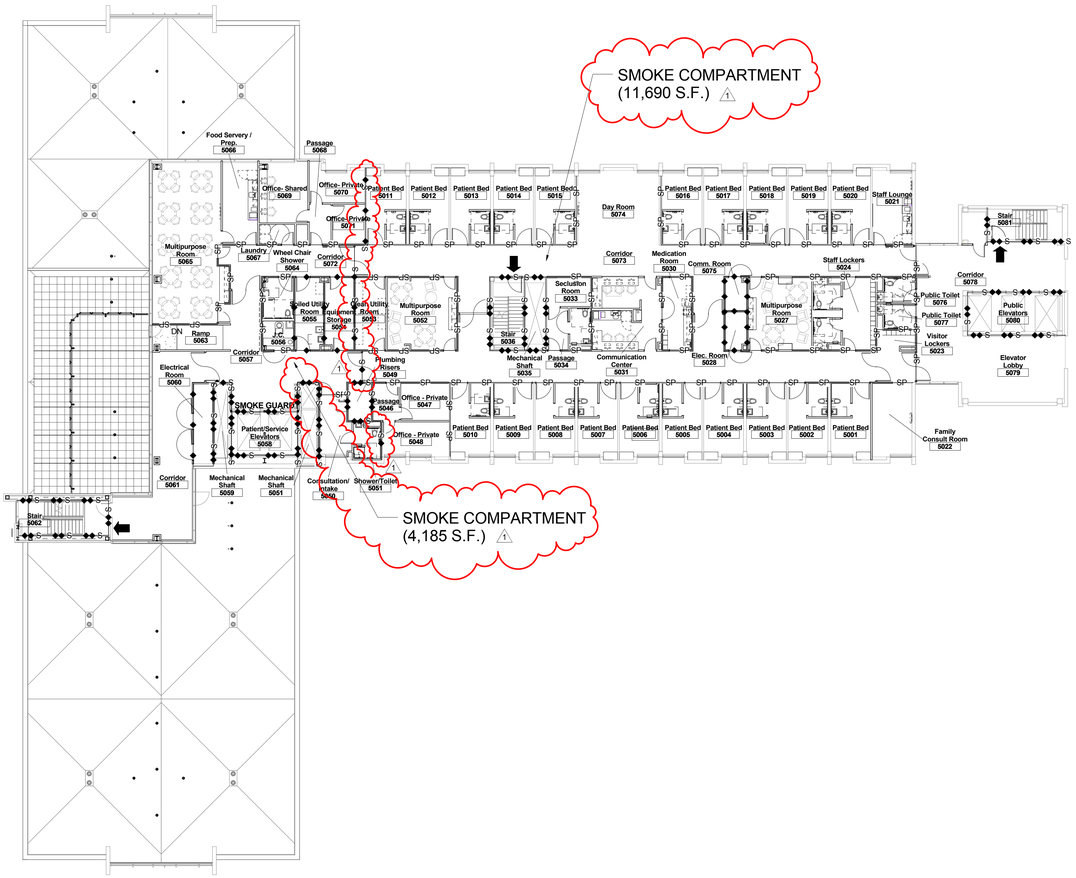

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	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN A-2047
STATE OF NEBRASKA

FIFTH FLOOR LIFE SAFETY PLAN

SCALE: As indicated

G-105

CONSTRUCTION DOCUMENTS

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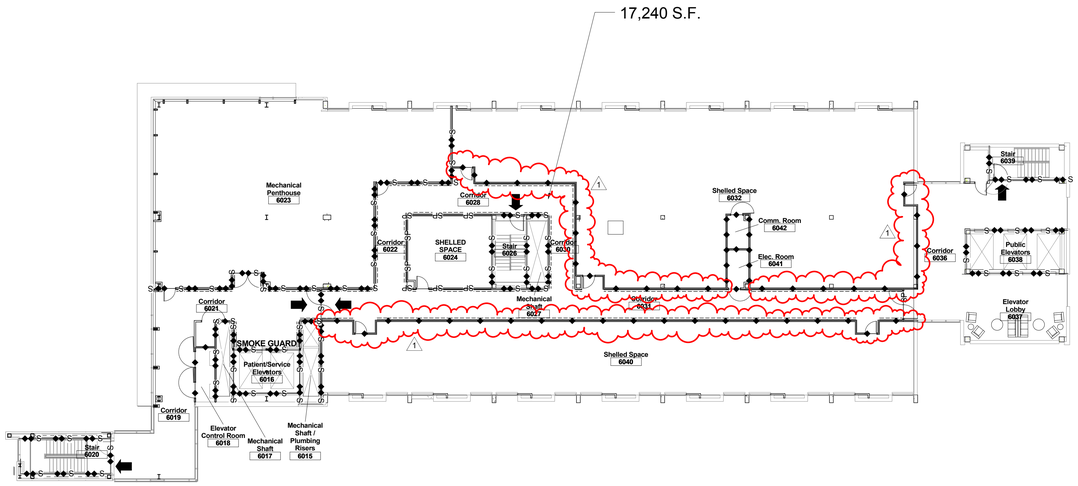

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DRAWN BY	Author

ARCHITECT * MICHAEL L. GOERTZEN A-2047 * STATE OF NEBRASKA

SIXTH FLOOR LIFE SAFETY PLAN

SCALE: As indicated

G-106

CONSTRUCTION DOCUMENTS

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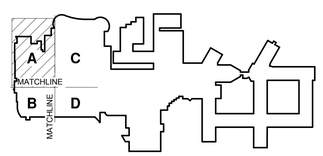
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1
	PROJECT NUMBER	000000000197729
	ORIGINAL ISSUE	11/05/13 -
	PROJECT MANAGER	Mike Goertzen
	PROJECT DESIGNER	Brian Zabloudil
	PROJECT ARCHITECT	Jeff Bahr
	LANDSCAPE ARCHITECT	Brad Swerczek
	CIVIL ENGINEER	-
	STRUCTURAL ENGINEER	Doug Sholl
	MECHANICAL ENGINEER	Todd Kubicek
	ELECTRICAL ENGINEER	Kris Burnham
	INTERIOR DESIGNER	Jill McFee
	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Author

ARCHITECT
MICHAEL L GOERTZEN
A-2047
STATE OF NEBRASKA

KEY PLAN



FIRST FLOOR PLAN AREA A

SCALE: As indicated

A-101A-IF

CONSTRUCTION DOCUMENTS

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MICHAEL L GOERTZEN
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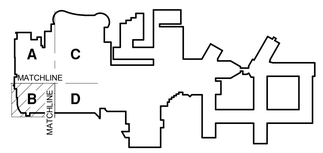

FIRST FLOOR PLAN AREA B

SCALE: As indicated

A-101B-IF

CONSTRUCTION DOCUMENTS

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12/2/2013 3:35:17 PM

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ARCHITECT
MICHAEL L GOERTZEN
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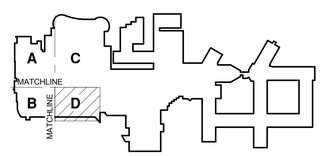

0 2'-0" 4'-0" 8'-0"

NORTH

FIRST FLOOR PLAN
AREA D

SCALE: As indicated

A-101D-IF

CONSTRUCTION DOCUMENTS

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11/27/13 3:24:07 PM

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EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

KEY PLAN

THIRD FLOOR PLAN
AREA A

SCALE: As indicated

A-103A-IF

CONSTRUCTION DOCUMENTS

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11/27/13 3:25:03 PM

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EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L GOERTZEN
A-2047
STATE OF NEBRASKA

KEY PLAN

THIRD FLOOR PLAN AREA B

SCALE: As indicated

A-103B-IF

CONSTRUCTION DOCUMENTS

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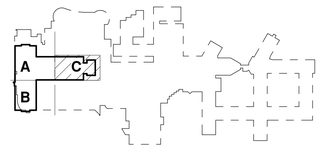

0 2'-0" 4'-0" 8'-0"

NORTH

THIRD FLOOR PLAN
AREA C

SCALE As indicated

A-103C-IF

CONSTRUCTION DOCUMENTS

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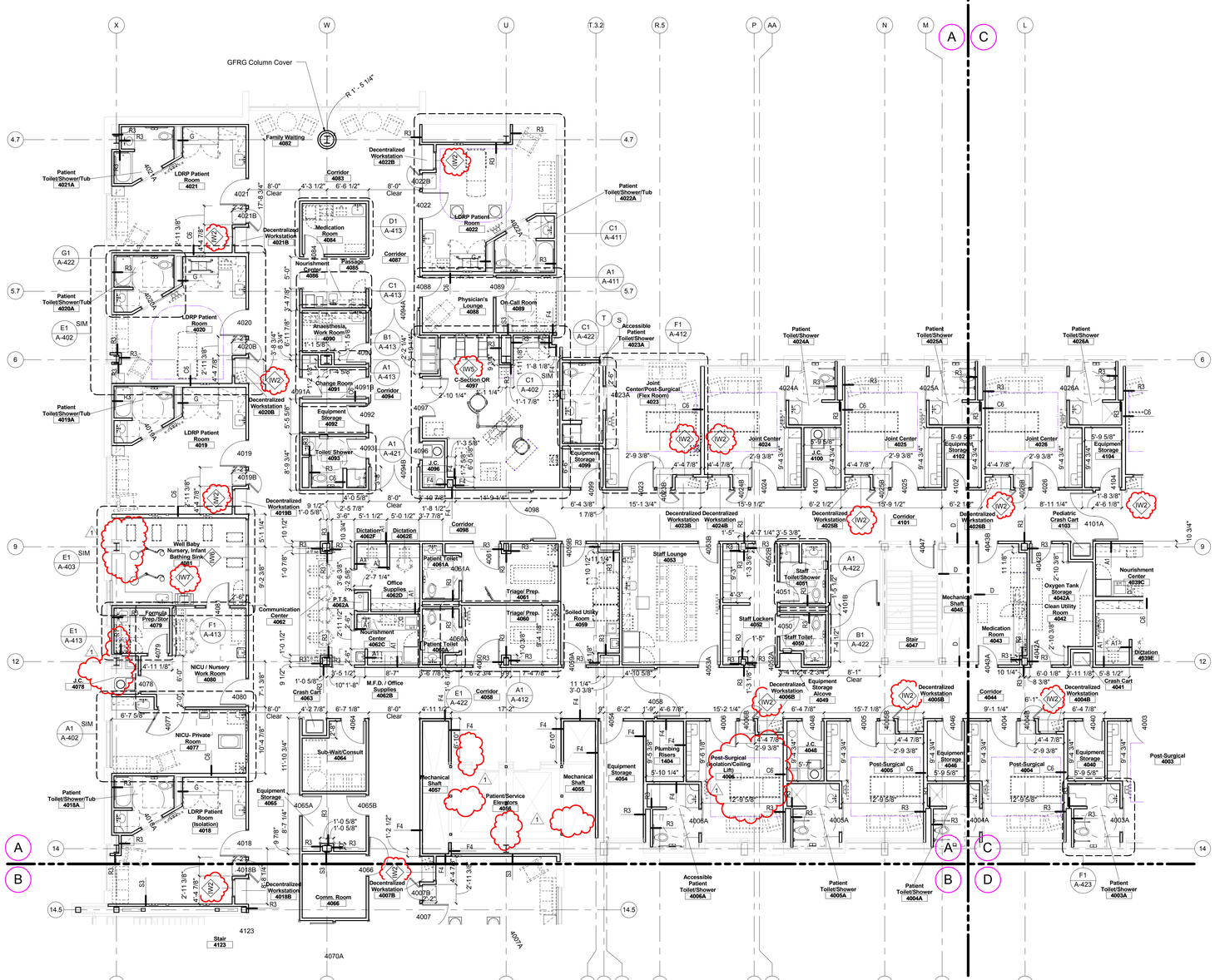

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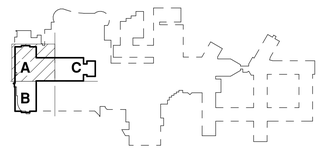

FOURTH FLOOR PLAN AREA A

SCALE: As indicated

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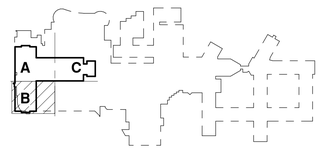

FOURTH FLOOR PLAN AREA B

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PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

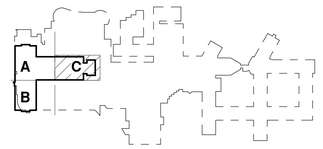
BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

KEY PLAN



FOURTH FLOOR PLAN AREA C

SCALE: As indicated

A-104C-IF

CONSTRUCTION DOCUMENTS

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FLOOR PLAN GENERAL NOTES:

1. ALL WALLS ARE TYPE "C1" UNLESS NOTED OTHERWISE. NOTIFY ARCHITECT FOR CLARIFICATION OF WALL TYPES.
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8. HIGHER RATED FIRE WALLS TAKE PRECEDENCE OVER LOWER RATED WALLS AND ARE TO CONTINUE THROUGH ALL SUCH INTERSECTIONS.
9. ALL SMOKE BARRIER AND PARTITION WALLS ARE TO EXTEND FROM BACK SIDE OF EXTERIOR WALL SHEATHING TO BACK SIDE OF EXTERIOR WALL SHEATHING OR ANOTHER SMOKE BARRIER WALL.

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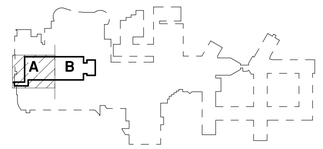

FIFTH FLOOR PLAN
AREA A

SCALE: As indicated

A-105A-IF

CONSTRUCTION DOCUMENTS

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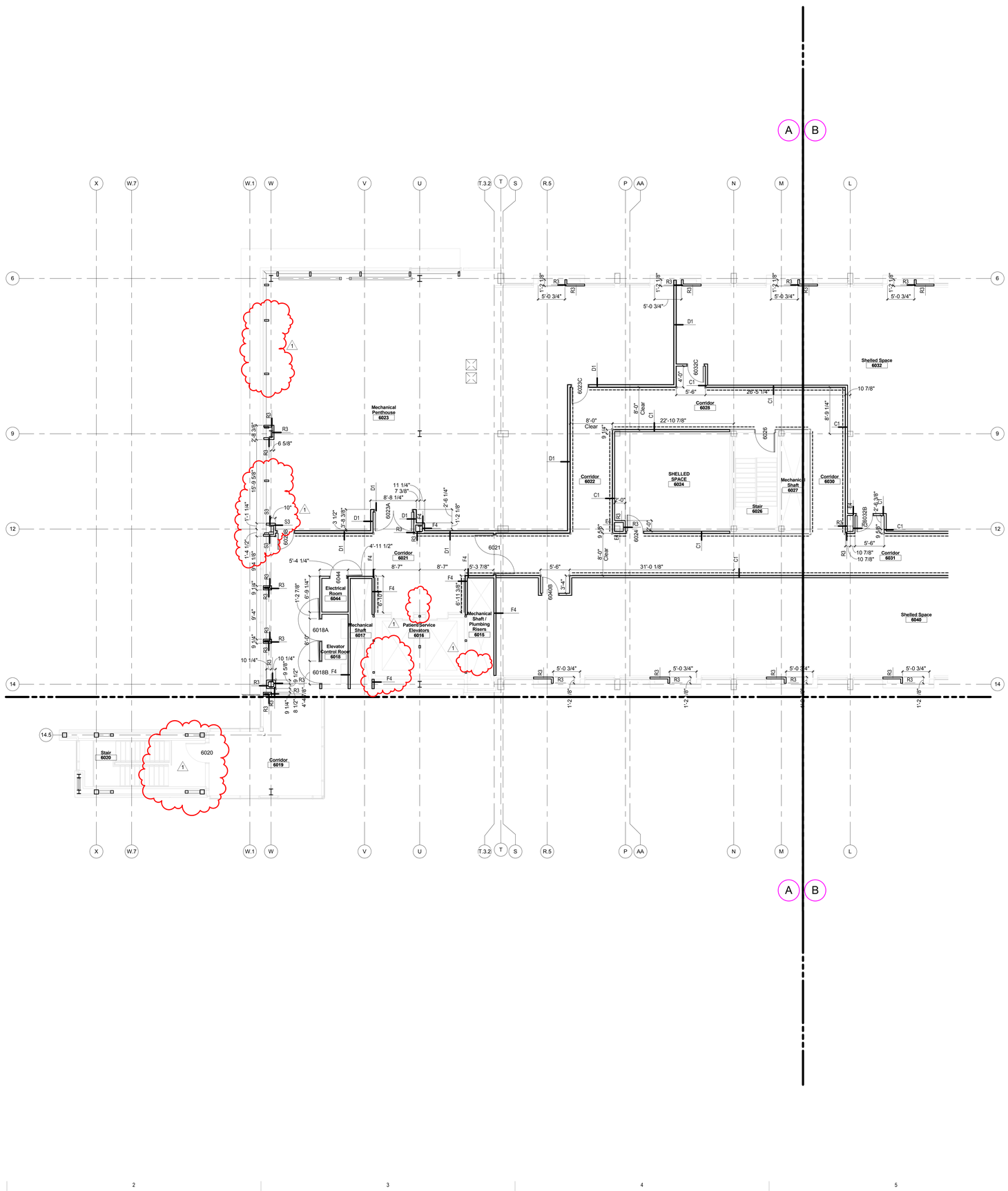

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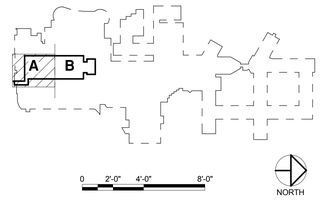

SIXTH FLOOR PLAN
AREA A

SCALE: As indicated

A-106A-IF

CONSTRUCTION DOCUMENTS

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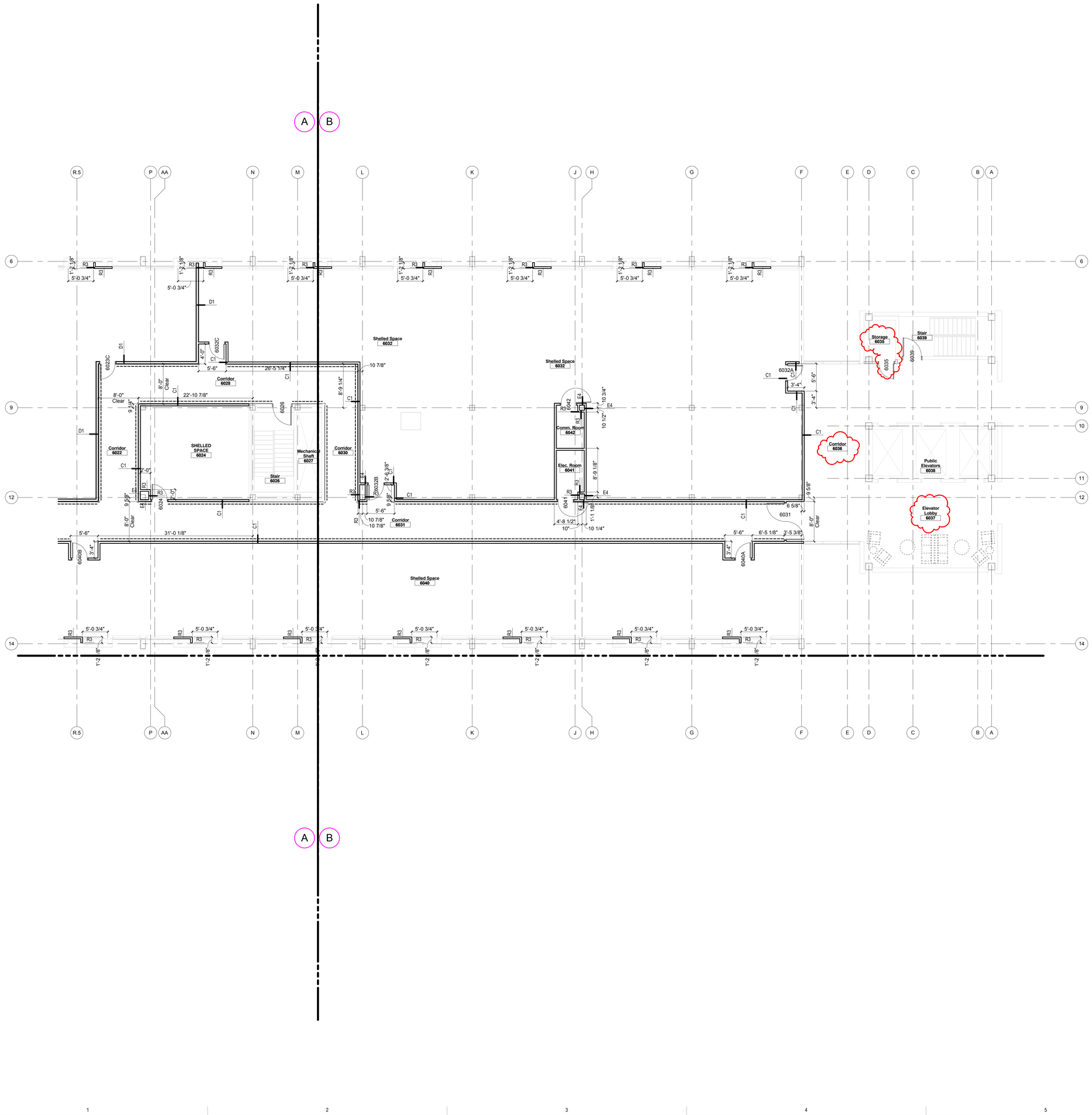

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DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
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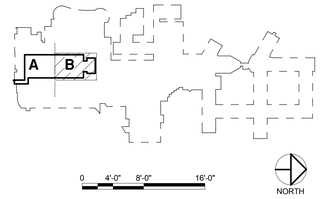
KEY PLAN



SIXTH FLOOR PLAN AREA B

SCALE: As indicated

A-106B-IF

CONSTRUCTION DOCUMENTS

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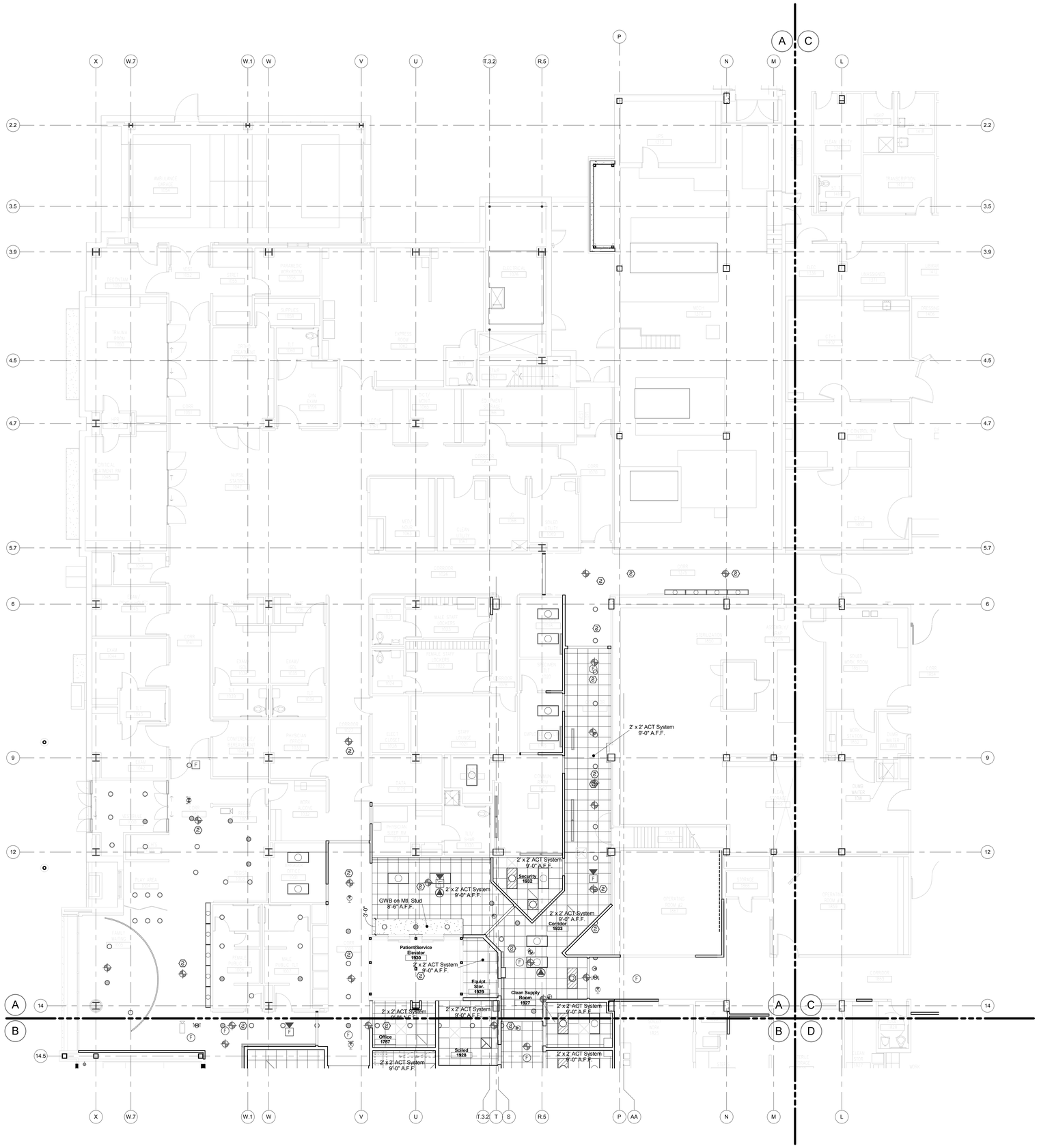

GENERAL CEILING NOTES:

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2. PROVIDE GYPSUM WALLBOARD AND METAL STUD BULKHEAD WHERE CEILING OF DIFFERENT HEIGHTS ABUT. DO NOT BUILD BULKHEADS OF ACOUSTICAL CEILING MATERALS UNLESS SPECIFICALLY DEATAILED.
3. REFER TO MECHANICAL DRAWINGS FOR QUANTITY AND TYPE OF DIFFUSERS, RETURN AIR GRILLES, AND EXHAUST GRILLES. SCRIBE MATERIALS CAREFULLY FOR A TIGHT FIT.
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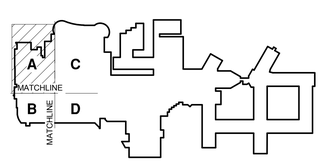
7. CONTRACTOR TO FIELD VERIFY EXTENT OF CEILING REPLACEMENT. CONTRACTOR TO COORDINATE WITH ALL TRADES.
8. ALL EXISTING TO REMAIN GRILLES, DIFFUSERS, AND LIGHTS, ETC. TO BE CLEANED.

RCP SYMBOL LEGEND

- ACOUSTICAL TILE CEILING (24X24)
- GYPSUM CEILING - PAINTED
- **FLUORESCENT LIGHT FIXTURE**
- **FLUORESCENT LIGHT FIXTURE**
- **INCANDESCENT LIGHT FIXTURE**
- **SMOKE DETECTOR**
- **SPEAKER**
- **EXIT LIGHT**
- **HVAC SUPPLY DIFFUSER**
- **HVAC RETURN DIFFUSER**
- **RADIANT HEAT PANEL**

KEY PLAN



0 4'-0" 8'-0" 16'-0"

NORTH

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ARCHITECT
MICHAEL L GOERTZEN A-2047
STATE OF NEBRASKA

REFLECTED CEILING PLAN - FIRST FLOOR AREA A

SCALE: As indicated

AC-101A

CONSTRUCTION DOCUMENTS

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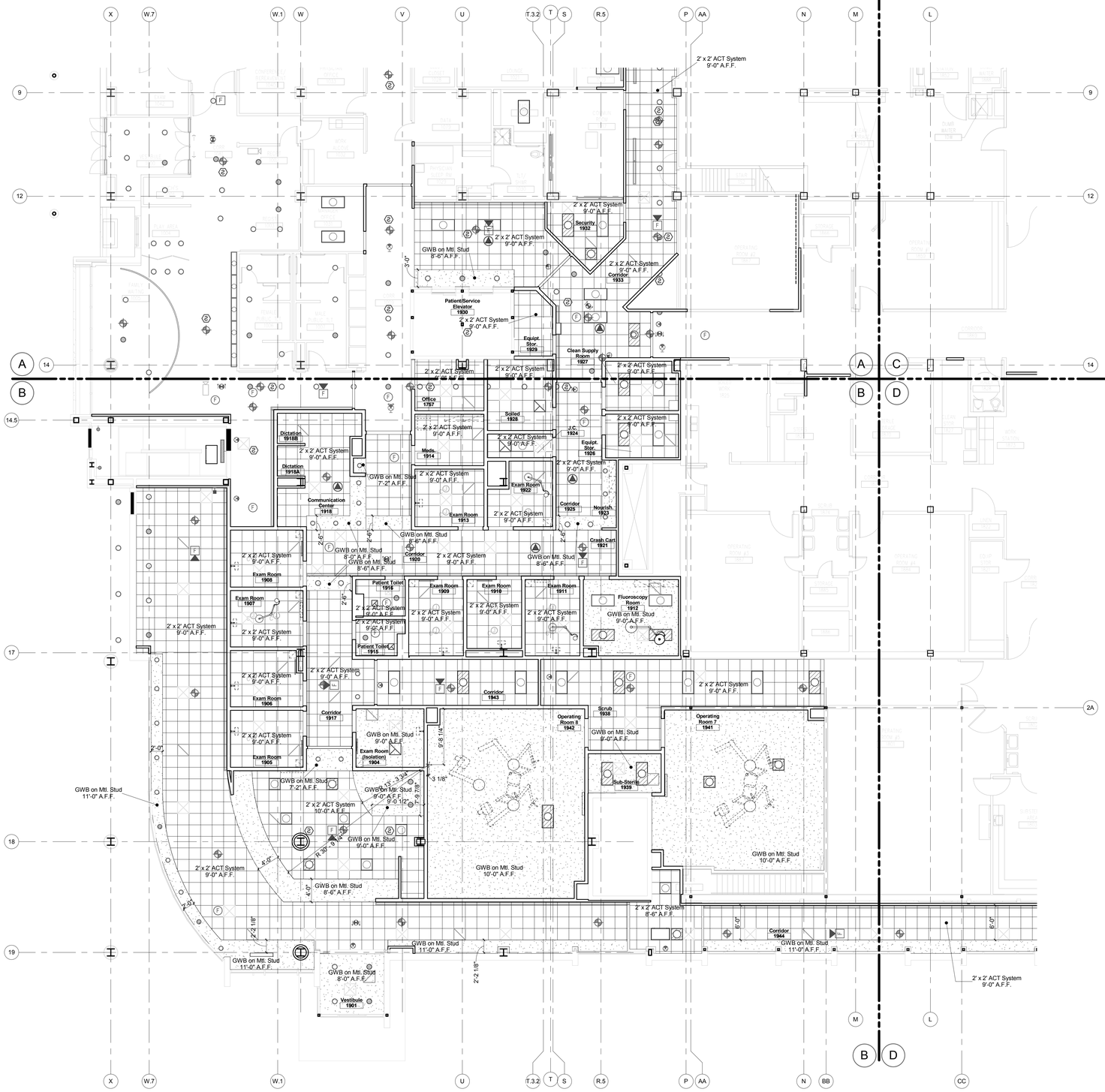

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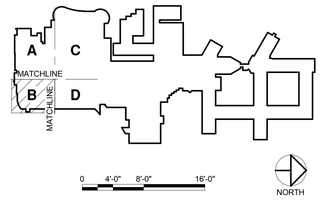
KEY PLAN



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SCALE: As indicated

AC-101B

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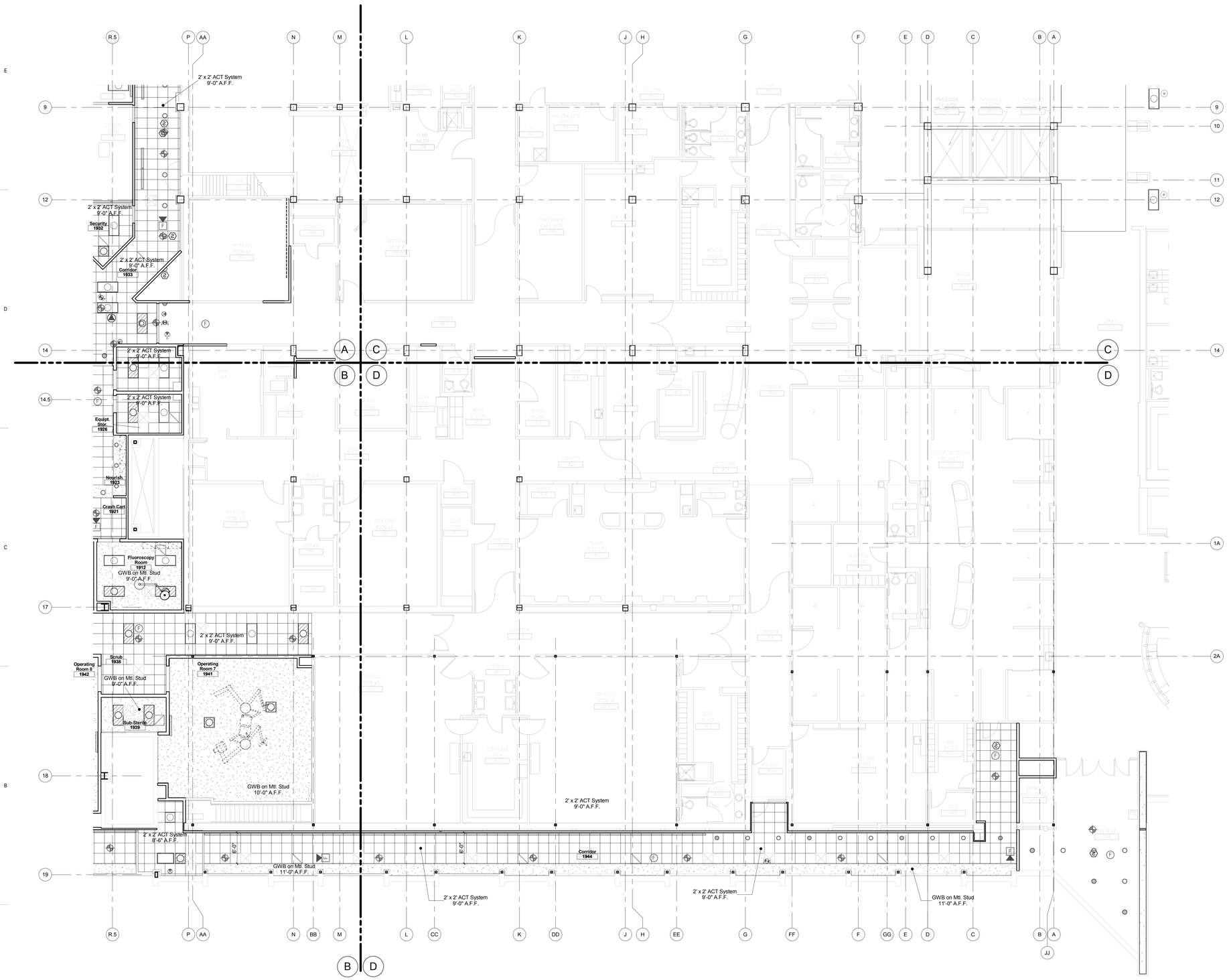

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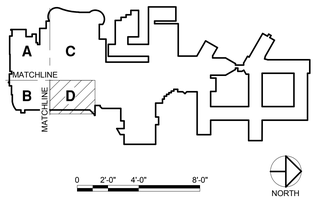

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10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
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PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	0000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

REFLECTED CEILING PLAN - FIRST FLOOR AREA D

SCALE	As indicated

AC-101D

CONSTRUCTION DOCUMENTS

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GENERAL CEILING NOTES:

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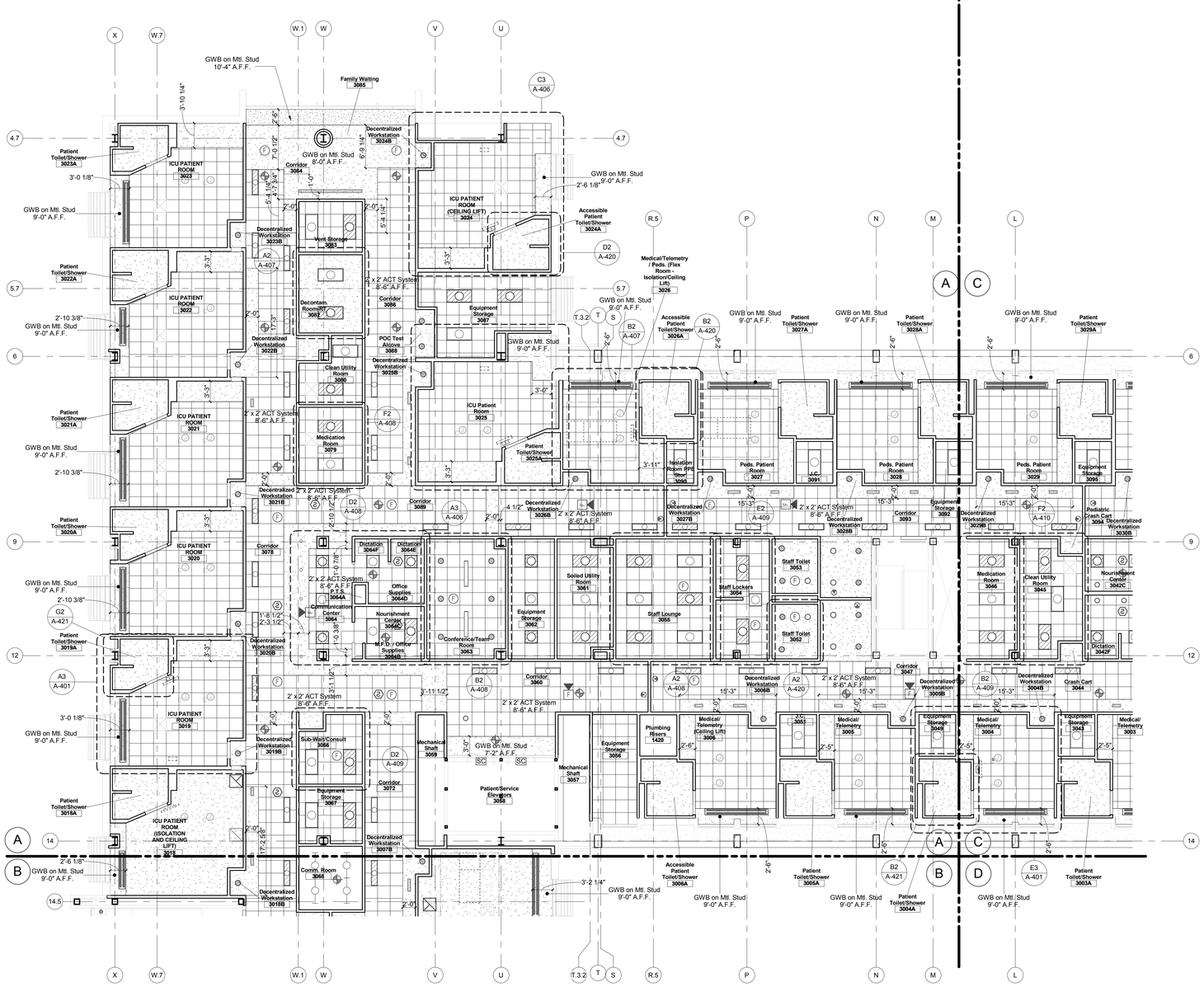
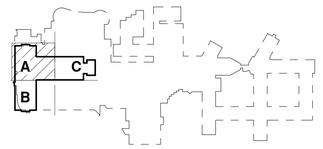


RCP SYMBOL LEGEND

- ACOUSTICAL TILE CEILING (24X24)
- GYPSUM CEILING - PAINTED
- **FLUORESCENT LIGHT FIXTURE**
- **FLUORESCENT LIGHT FIXTURE**
- **INCANDESCENT LIGHT FIXTURE**
- **SMOKE DETECTOR**
- **SPEAKER**
- **EXIT LIGHT**
- **HVAC SUPPLY DIFFUSER**
- **HVAC RETURN DIFFUSER**
- **RADIANT HEAT PANEL**

KEYNOTES - SHEET

KEY PLAN



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	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Author

ARCHITECT * MICHAEL L. GOERTZEN A-2047 * STATE OF NEBRASKA

REFLECTED CEILING PLAN - THIRD FLOOR AREA A

SCALE: As indicated

AC-103A

CONSTRUCTION DOCUMENTS

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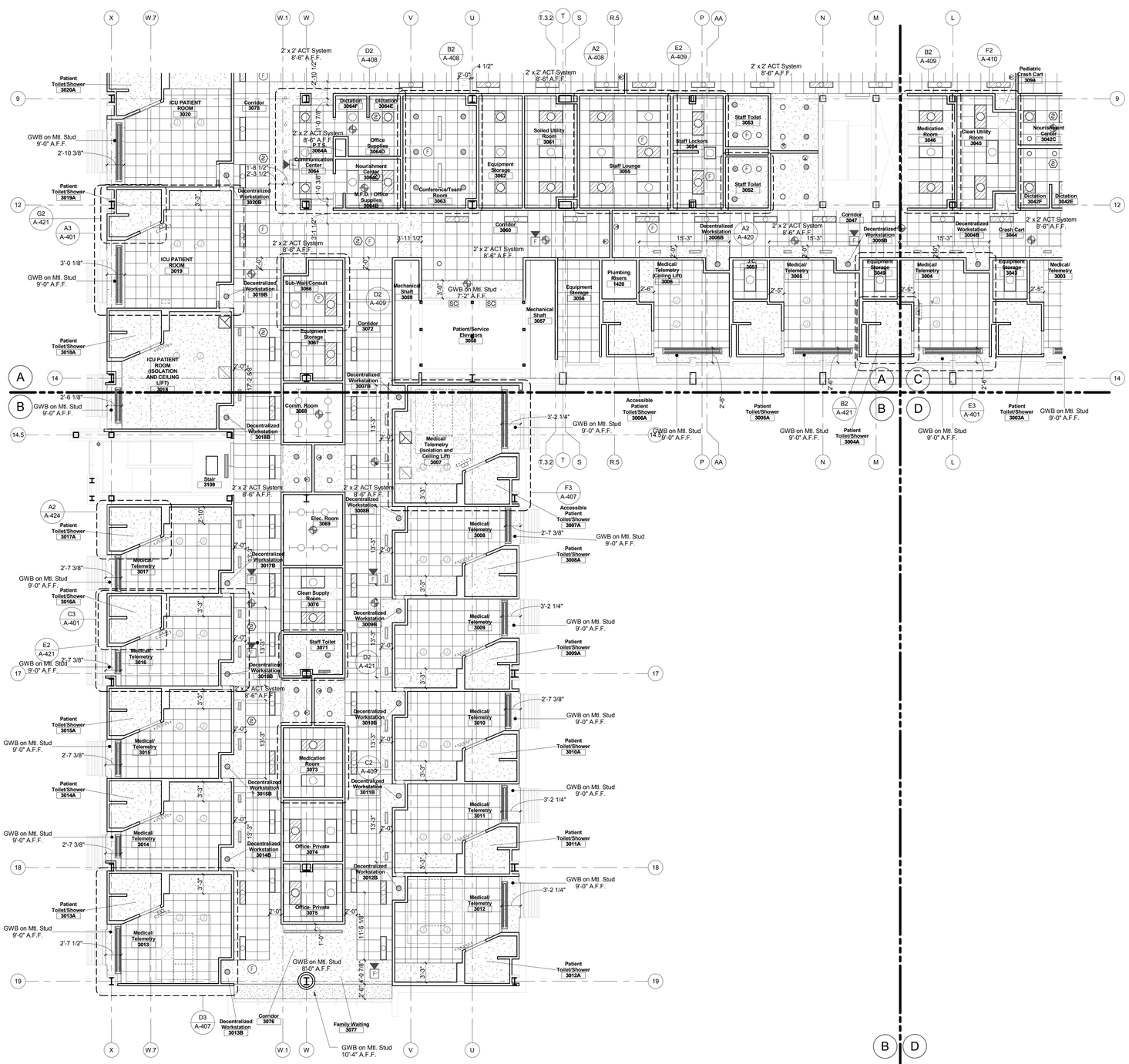

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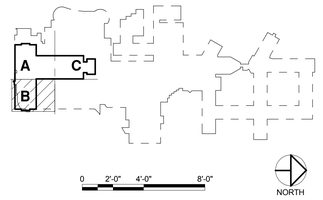
KEYNOTES - SHEET

KEY PLAN



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DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

REFLECTED CEILING PLAN - THIRD FLOOR AREA B

SCALE: As indicated

AC-103B

CONSTRUCTION DOCUMENTS

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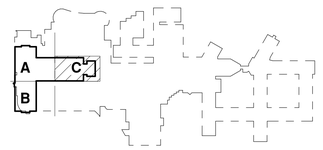
DRAWN BY	Author

ARCHITECT * MICHAEL L. GOERTZEN A-2047 * STATE OF NEBRASKA

KEY PLAN



REFLECTED CEILING PLAN - THIRD FLOOR AREA C

SCALE: As indicated

AC-103C

CONSTRUCTION DOCUMENTS

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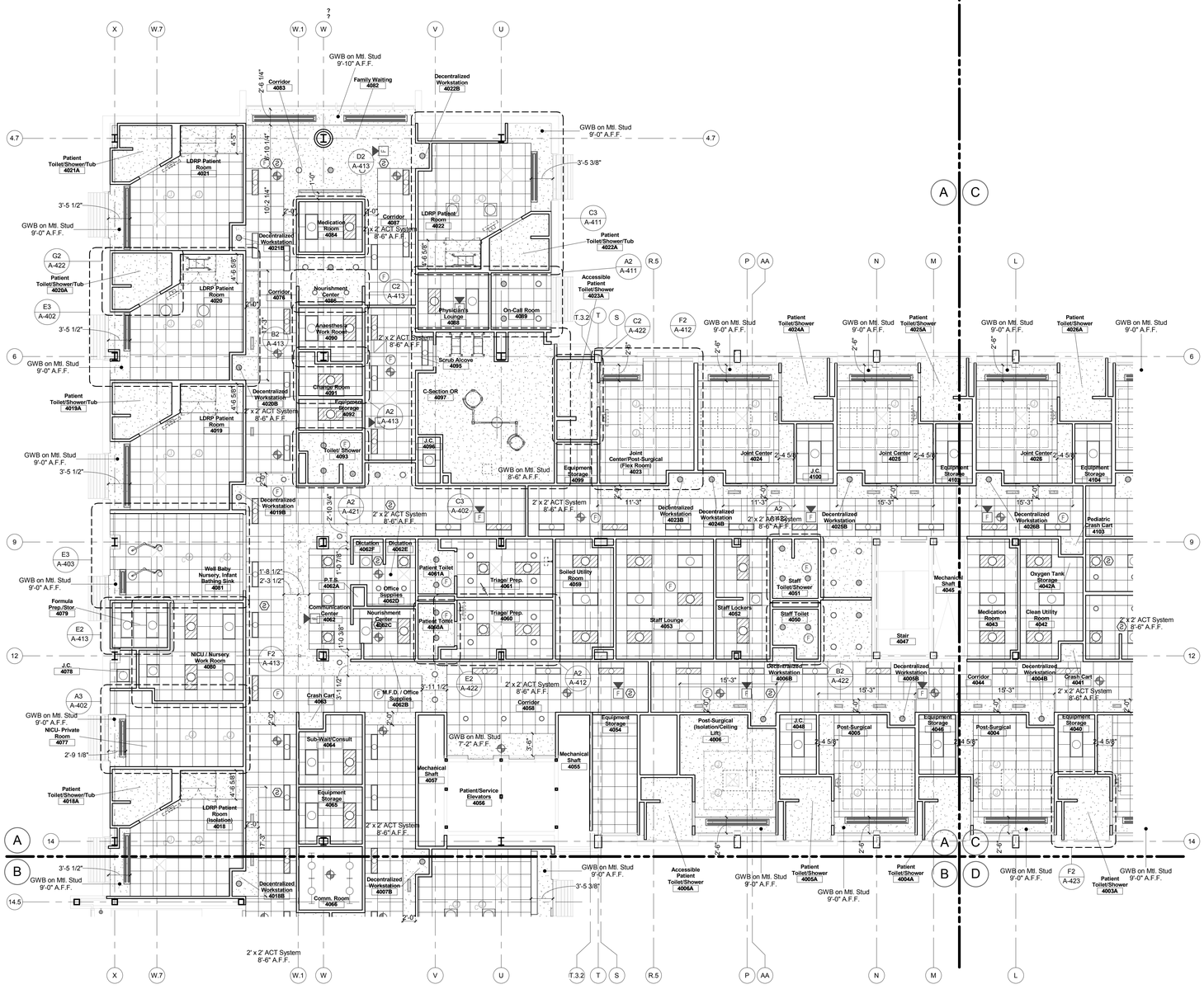

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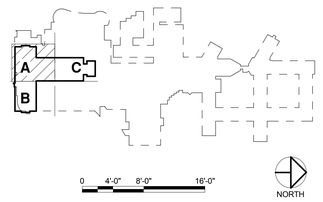
KEY PLAN



REFLECTED CEILING PLAN - FOURTH FLOOR AREA A

SCALE: As indicated

AC-104A

CONSTRUCTION DOCUMENTS

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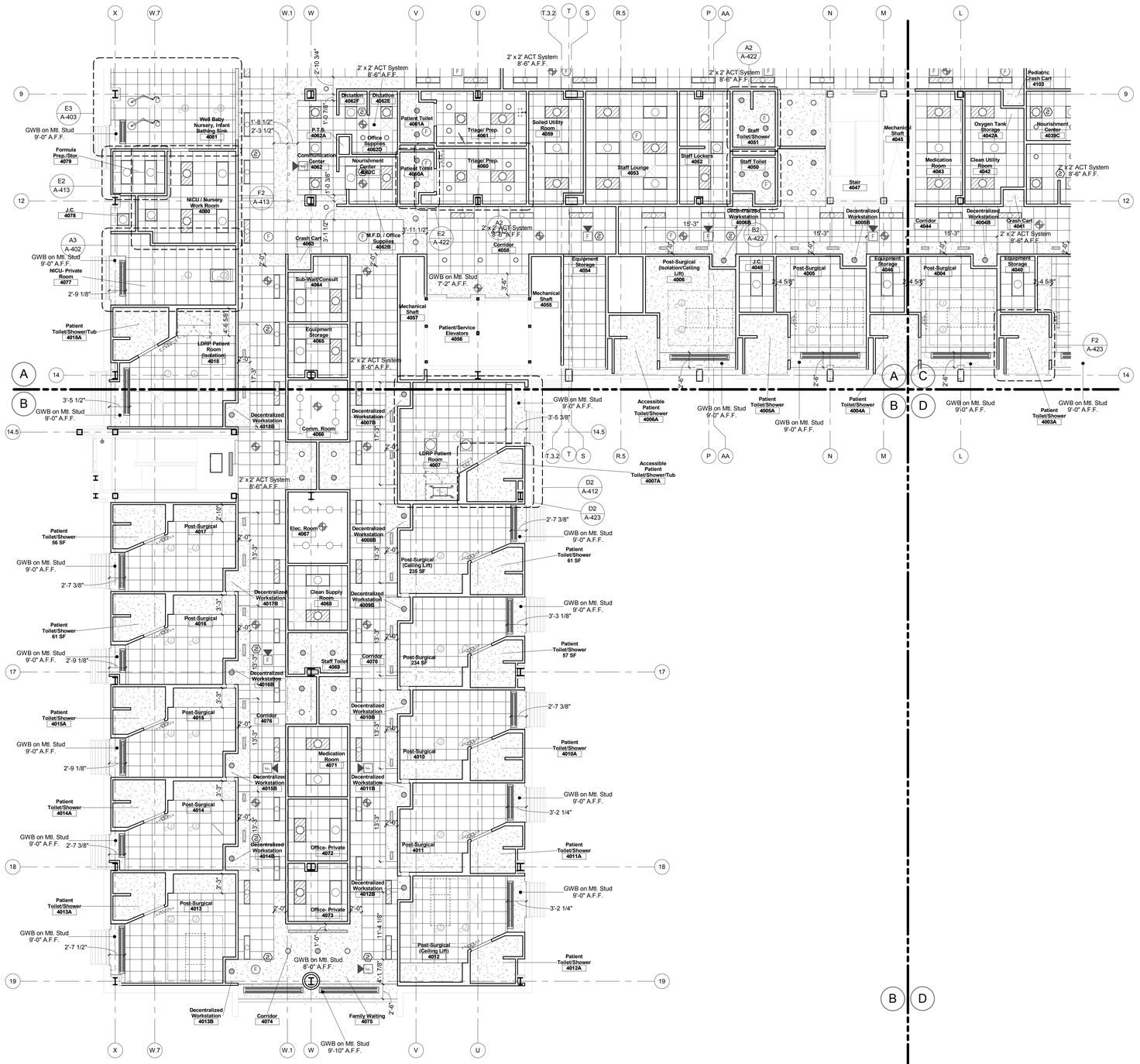

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ARCHITECT * MICHAEL L GOERTZEN A-2047 * STATE OF NEBRASKA

KEY PLAN

REFLECTED CEILING PLAN - FOURTH FLOOR AREA B

SCALE: As indicated

AC-104B

CONSTRUCTION DOCUMENTS

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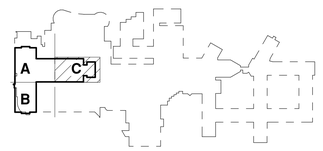

0 2'-0" 4'-0" 8'-0"

NORTH

REFLECTED CEILING PLAN - FOURTH FLOOR AREA C

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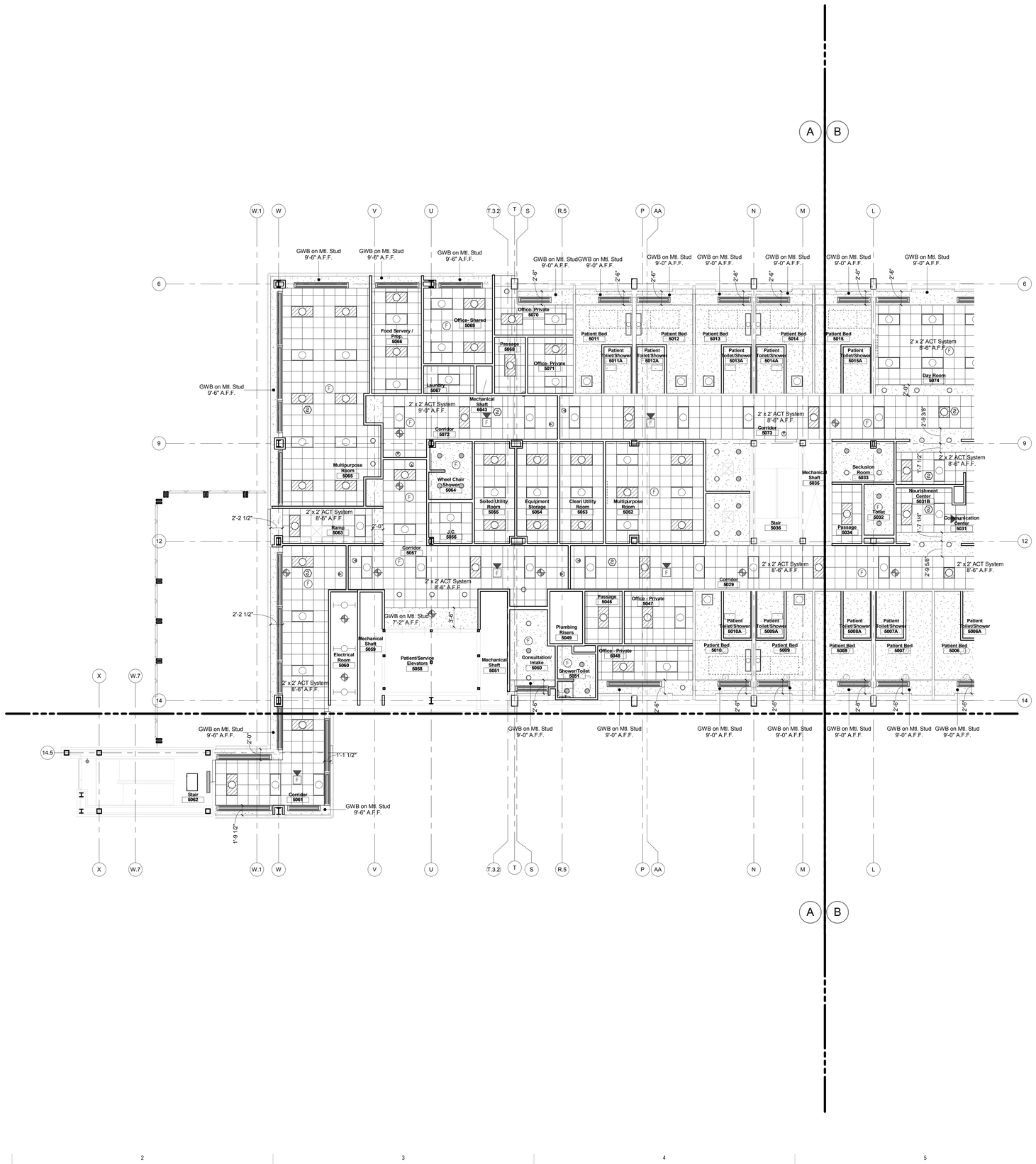
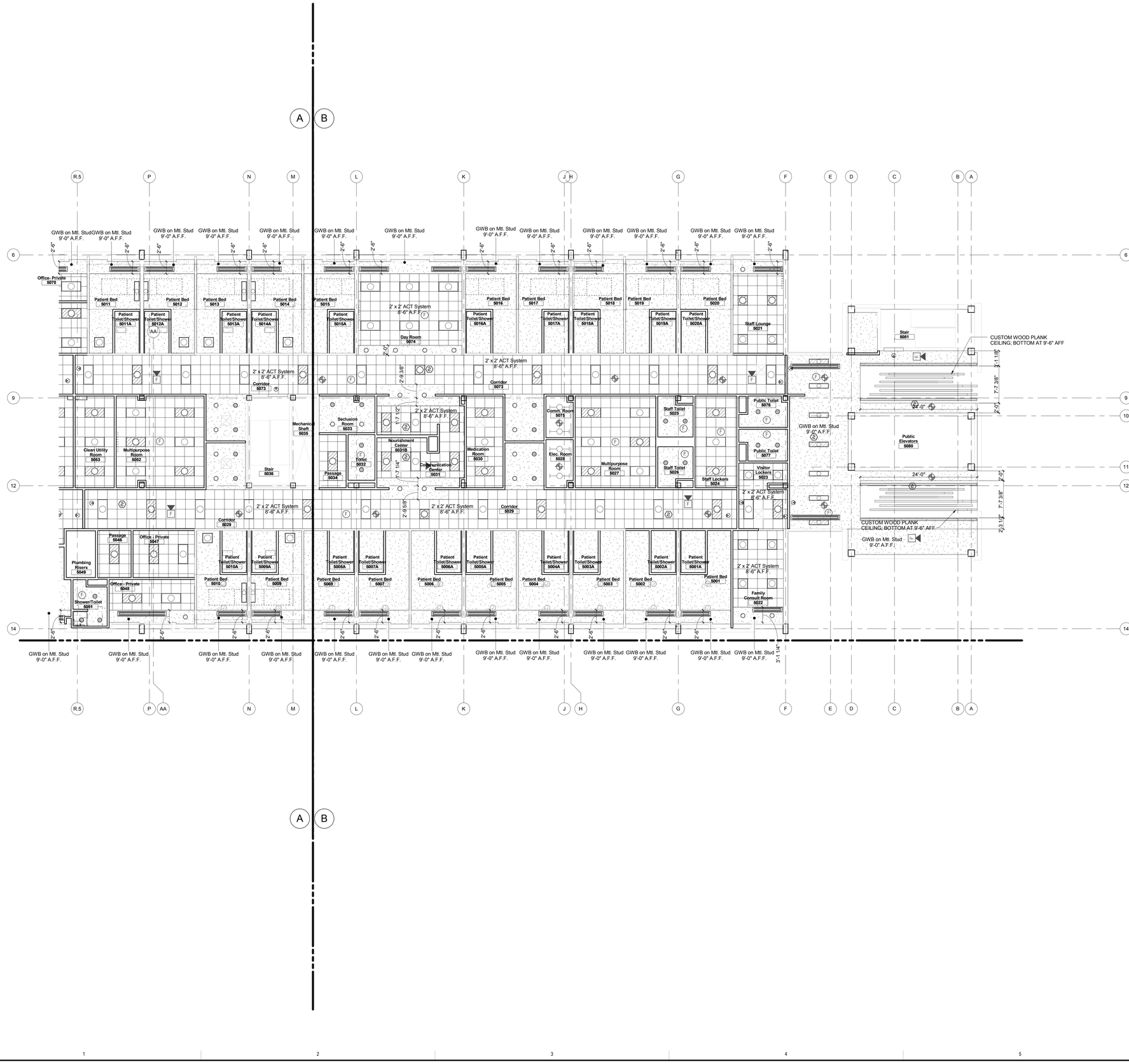

GWB on Mtl. Stud 9'-6" A.F.F.
GWB on Mtl. Stud 9'-0" A.F.F.
Office- Private 5070
Office- Shared 5069
Food Servery / Prep 5066
Passage 5068
Office- Private 5071
Patient Bed 5011
Patient Toilet/Shower 5011A
Patient Bed 5012
Patient Toilet/Shower 5012A
Patient Bed 5013
Patient Toilet/Shower 5013A
Patient Bed 5014
Patient Toilet/Shower 5014A
Patient Bed 5015
Patient Toilet/Shower 5015A
2' x 2' ACT System 8'-6" A.F.F.
Day Room 5074
Laundry 5067
Mechanical Shaft 6043
2' x 2' ACT System 9'-0" A.F.F.
Corridor 5072
Corridor 5073
Multipurpose Room 5065
Wheel Chair Shower 5064
Soiled Utility Room 5055
Equipment Storage 5054
Clean Utility Room 5053
Multipurpose Room 5052
Mechanical Shaft 5035
Seclusion Room 5033
Nourishment Center 5031B
Communication Center 5031
Toilet 5032
Passage 5034
Stair 5036
Linen 5063
J.C. 5056
Corridor 5057
Corridor 5029
Passage 5046
Office - Private 5047
Patient Toilet/Shower 5010A
Patient Toilet/Shower 5009A
Patient Toilet/Shower 5008A
Patient Toilet/Shower 5007A
Patient Toilet/Shower 5006A
Patient Bed 5010
Patient Bed 5009
Patient Bed 5008
Patient Bed 5007
Patient Bed 5006
Plumbing Risers 5049
Office - Private 5048
Shower/Toilet 5051
Consultation/ Intake 5050
Mechanical Shaft 5059
Patient/Service Elevators 5058
Mechanical Shaft 5051
Electrical Room 5060
GWB on Mtl. Stud 7'-2" A.F.F.
Stair 5062
Corridor 5061
2'-2 1/2"
2'-0"
1'-9 1/2"
1'-1 1/2"
2'-6"
2'-9 3/8"
2'-9 5/8"
1'-7 1/2"
1'-7 1/4"
3'-6"
2'-0"
2'-4"
2'-6"
2'-9 5/8"
2' x 2' ACT System 8'-6" A.F.F.
2' x 2' ACT System 9'-0" A.F.F.
2' x 2' ACT System 8'-6" A.F.F.
2' x 2' ACT System 8'-6" A.F.F.
2' x 2' ACT System 8'-6



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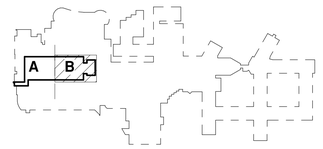
RCP SYMBOL LEGEND

- ACOUSTICAL TILE CEILING (24X24)
- GYPSUM CEILING - PAINTED
- FLUORESCENT LIGHT FIXTURE
- FLUORESCENT LIGHT FIXTURE
- INCANDESCENT LIGHT FIXTURE
- SMOKE DETECTOR
- SPEAKER
- EXIT LIGHT
- HVAC SUPPLY DIFFUSER
- HVAC RETURN DIFFUSER
- RADIANT HEAT PANEL

KEY PLAN



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PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
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ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT * MICHAEL L GOERTZEN A-2047 * STATE OF NEBRASKA

REFLECTED CEILING PLAN - FIFTH FLOOR AREA B

SCALE: As indicated

AC-105B

CONSTRUCTION DOCUMENTS

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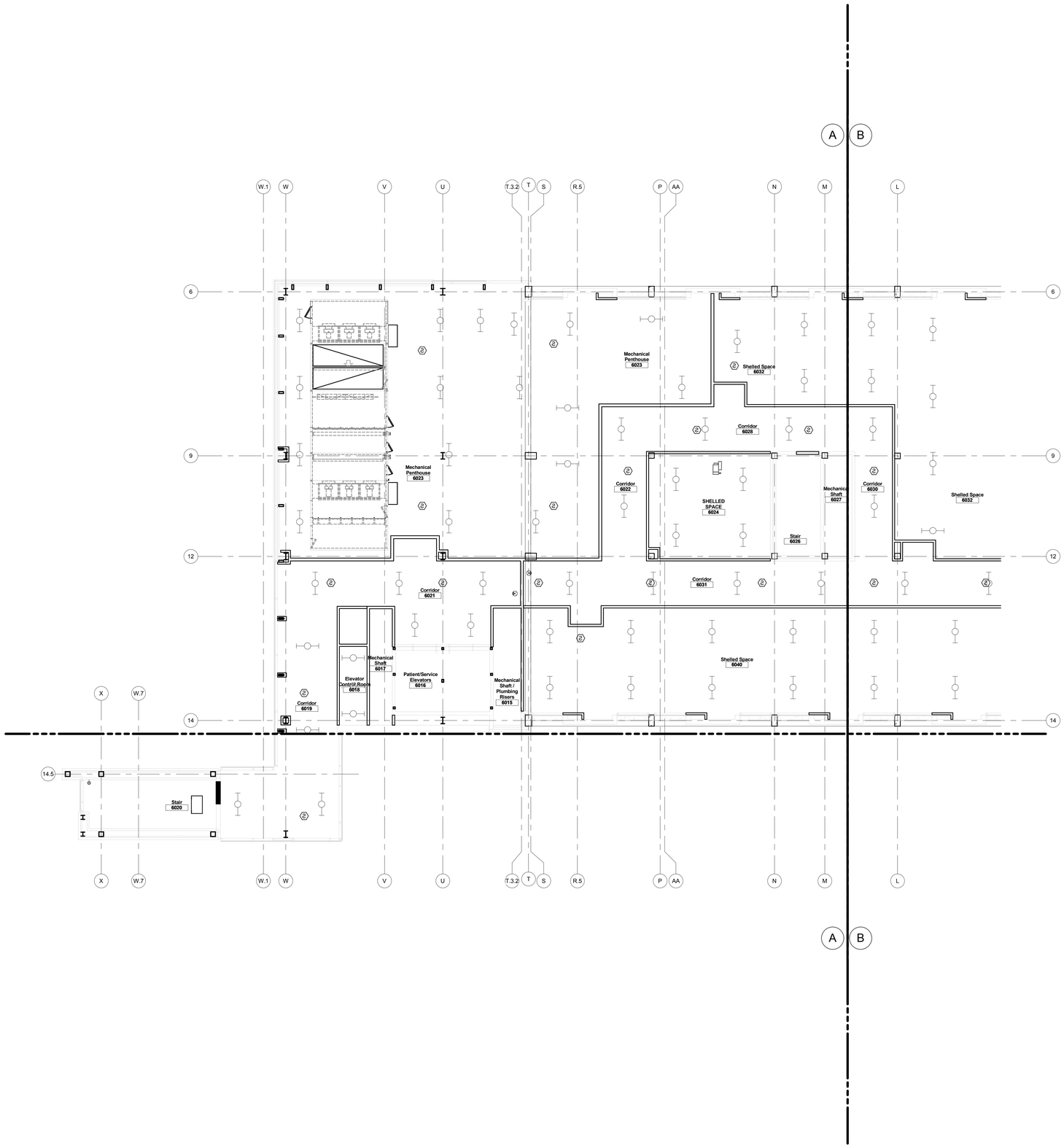

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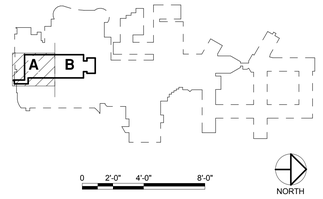
- **SPEAKER**
- **EXIT LIGHT**
- **HVAC SUPPLY DIFFUSER**
- **HVAC RETURN DIFFUSER**
- **RADIANT HEAT PANEL**

KEY PLAN



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EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

REFLECTED CEILING PLAN - SIXTH FLOOR AREA A

SCALE: As indicated

AC-106A

CONSTRUCTION DOCUMENTS

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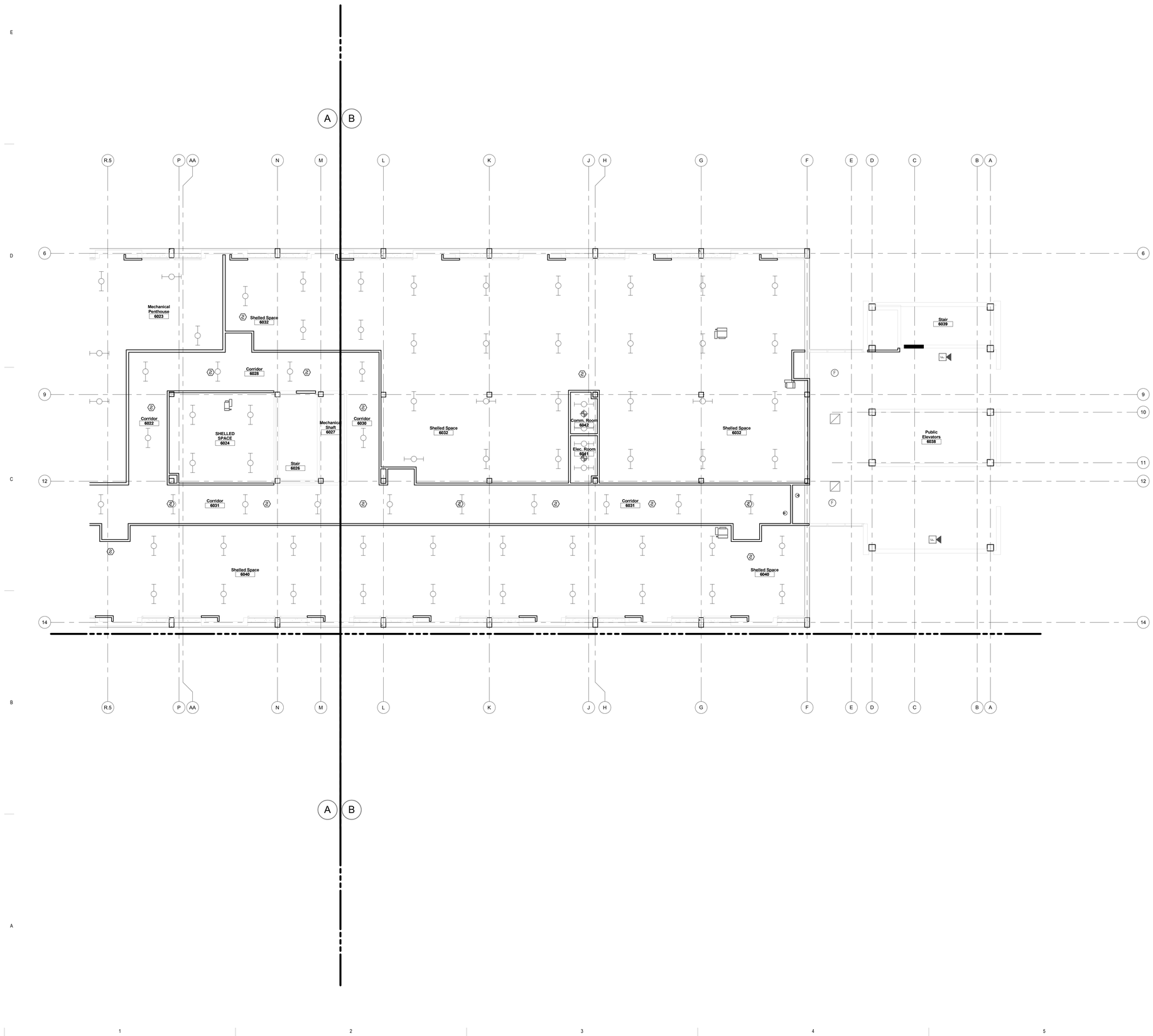

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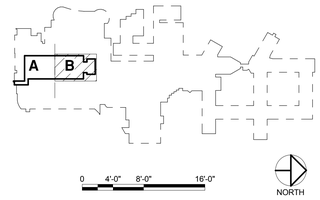

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ARCHITECT * MICHAEL L GOERTZEN A-2047 * STATE OF NEBRASKA

REFLECTED CEILING PLAN - SIXTH FLOOR AREA B

SCALE: As indicated

AC-106B

CONSTRUCTION DOCUMENTS

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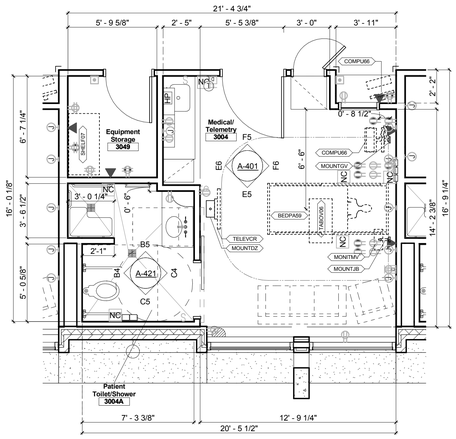
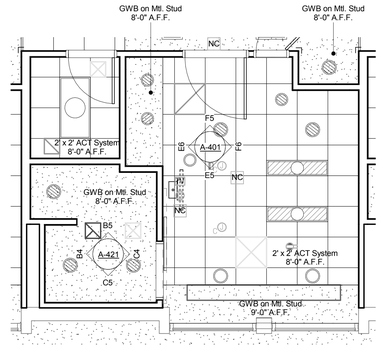
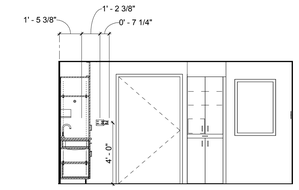


E1 Enlarged Plan - Typical Medical / Telemetry Patient Room
1/4" = 1'-0"

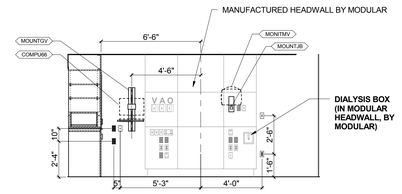
Note: Typical of Renovated Medical/Telemetry Patient Rooms



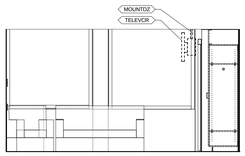
E3 Enlarged RCP - Typical Medical / Telemetry Patient Room
1/4" = 1'-0"



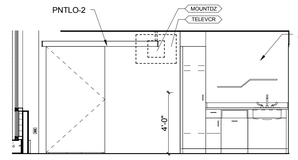
F5 Typical Med./Tele. Patient Room - West Elevation
1/4" = 1'-0"



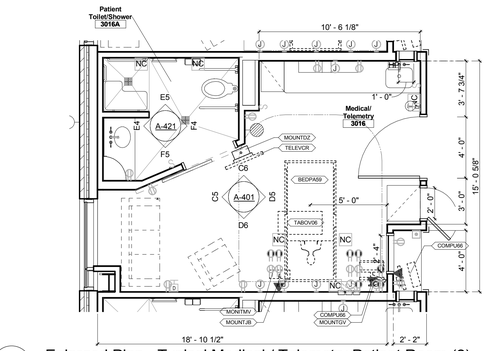
F6 Typical Med./Tele. Patient Room - North Elevation
1/4" = 1'-0"



E5 Typical Med./Tele. Patient Room - East Elevation
1/4" = 1'-0"

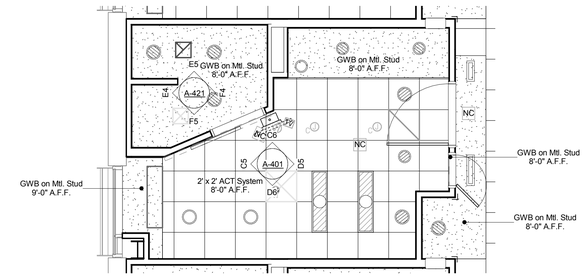


E6 Typical Med./Tele. Patient Room - South Elevation
1/4" = 1'-0"

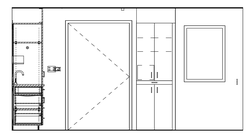


C1 Enlarged Plan - Typical Medical / Telemetry Patient Room (2)
1/4" = 1'-0"

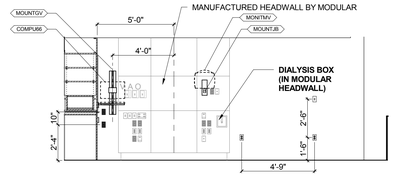
Note: Typical of New Medical/Telemetry Patient Rooms 3008, 3009, 3010, 3011, 3012, 3014, 3015, 3016, and 3017



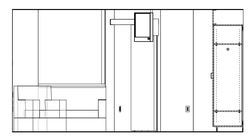
C3 Enlarged RCP - Typcial Medical / Telemetry Patient Room (2)
1/4" = 1'-0"



D5 Typical Med./Tele. Patient Room(2) - North Elevation
1/4" = 1'-0"



D6 Typical Med./Tele. Patient Room(2) - East Elevation
1/4" = 1'-0"



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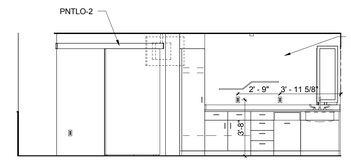

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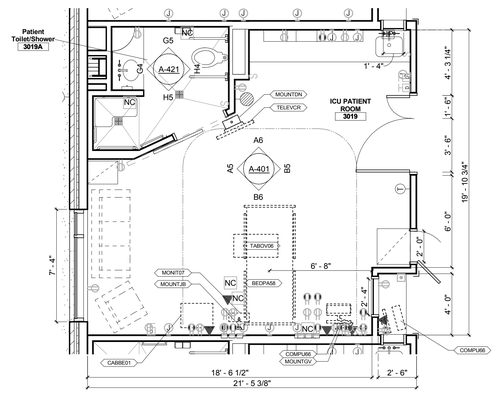
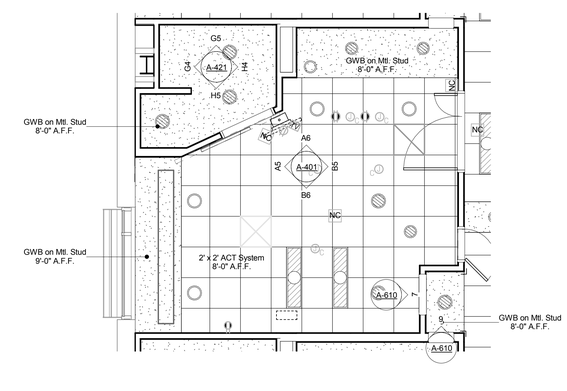


A1 Enlarged Plan - Typical ICU Patient Room
1/4" = 1'-0"

Note: Typical of New ICU Patient Rooms 3018, 3019, 3020, 3021, 3022, and 3023.



A3 Enlarged RCP - Typcial ICU Patient Room
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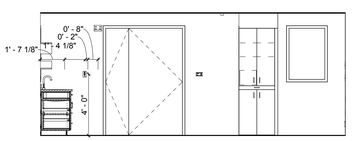
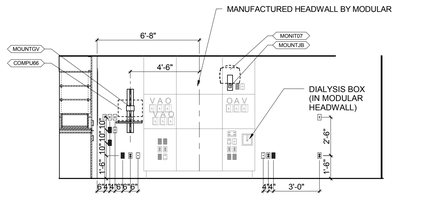
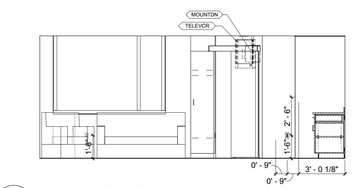


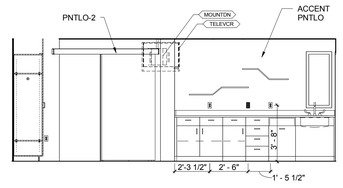
B5 Typical ICU Patient Room - North Elevation
1/4" = 1'-0"



B6 Typical ICU Patient Room - East Elevation
1/4" = 1'-0"



A5 Typical ICU Patient Room - South Elevation
1/4" = 1'-0"



A6 Typical ICU Patient Room - West Elevation
1/4" = 1'-0"

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PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	
STRUCTURAL ENGINEER	Doug Sholl
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ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

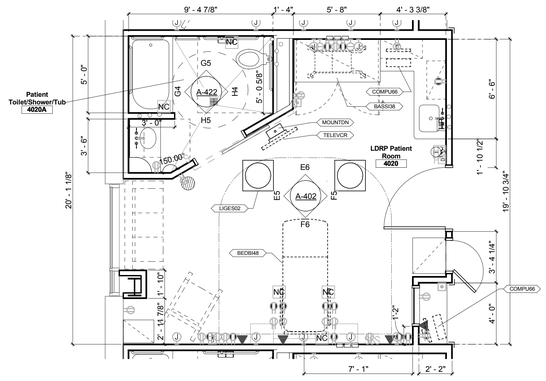
ARCHITECT * MICHAEL L. GOERTZEN A-2047 * STATE OF NEBRASKA

ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE 1/4" = 1'-0"

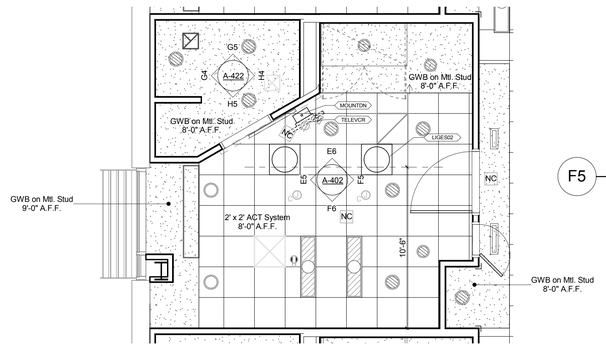
A-401

CONSTRUCTION DOCUMENTS

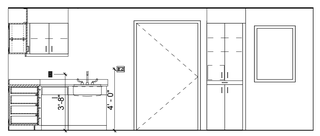


E1 Enlarged Plan - Typical LDRP Patient Room
1/4" = 1'-0"

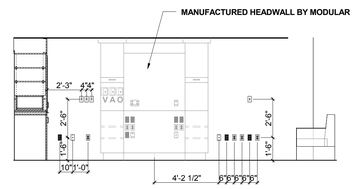
Note: Typical of New LDRP Patient Rooms 4018, 4019, 4020, and 4021.



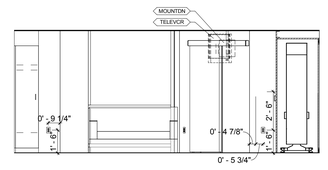
E3 Enlarged RCP - Typical LDRP Patient Room
1/4" = 1'-0"



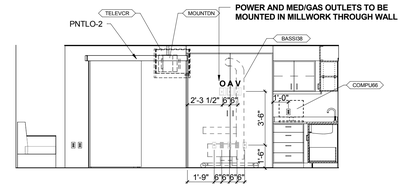
F5 Typical LDRP Patient Room - North Elevation
1/4" = 1'-0"



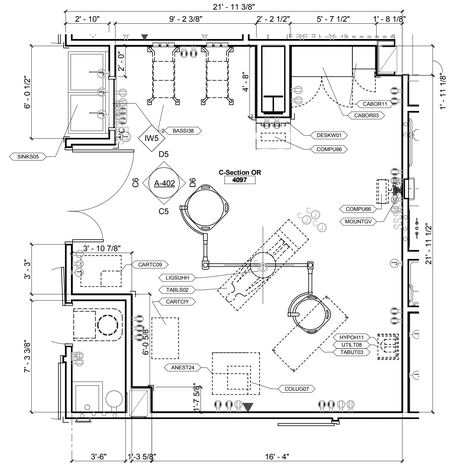
F6 Typical LDRP Patient Room - East Elevation
1/4" = 1'-0"



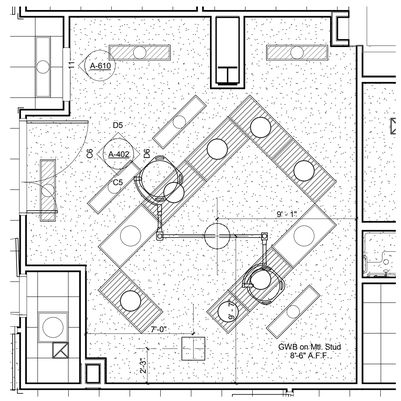
E5 Typical LDRP Patient Room - South Elevation
1/4" = 1'-0"



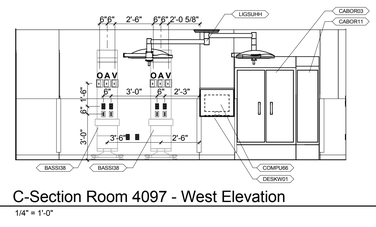
E6 Typical LDRP Patient Room - West Elevation
1/4" = 1'-0"



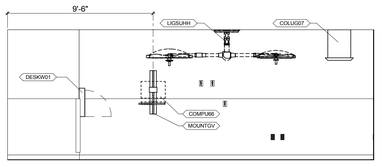
C1 Enlarged Plan - C-Section Room 4097
1/4" = 1'-0"



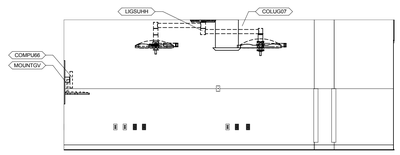
C3 Enlarged RCP - C-Section Room 4097
1/4" = 1'-0"



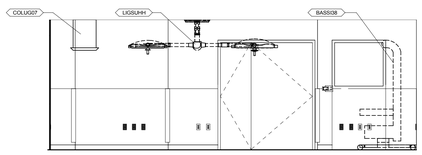
D5 C-Section Room 4097 - West Elevation
1/4" = 1'-0"



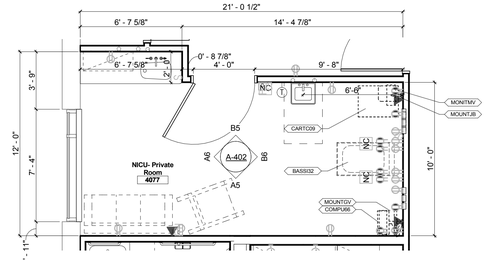
D6 C-Section Room 4097 - North Elevation
1/4" = 1'-0"



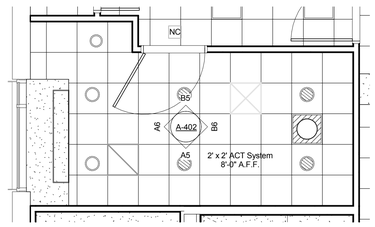
C5 C-Section Room 4097 - East Elevation
1/4" = 1'-0"



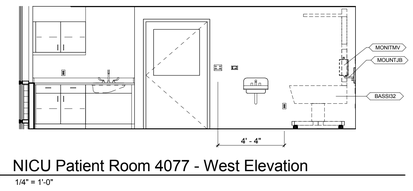
C6 C-Section Room 4097 - South Elevation
1/4" = 1'-0"



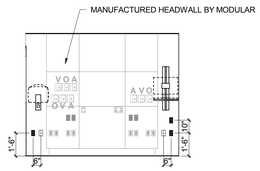
A1 Enlarged Plan - NICU Patient Room 4077
1/4" = 1'-0"



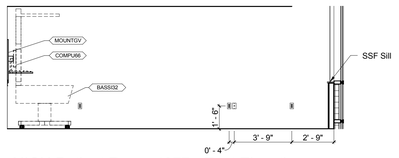
A3 Enlarged RCP - NICU Patient Room 4077
1/4" = 1'-0"



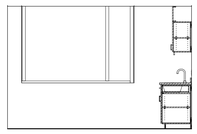
B5 NICU Patient Room 4077 - West Elevation
1/4" = 1'-0"



B6 NICU Patient Room 4077 - North Elevation
1/4" = 1'-0"



A5 NICU Patient Room 4077 - East Elevation
1/4" = 1'-0"



A6 NICU Patient Room 4077 - South Elevation
1/4" = 1'-0"

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EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

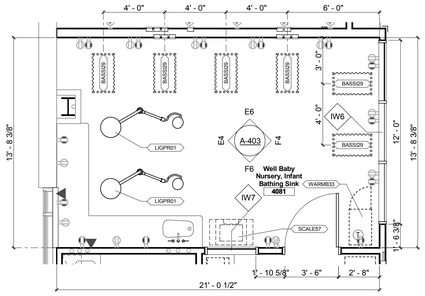
ARCHITECT * MICHAEL L. GOERTZEN A-2047 * STATE OF NEBRASKA

ENLARGED PLANS AND INTERIOR ELEVATIONS

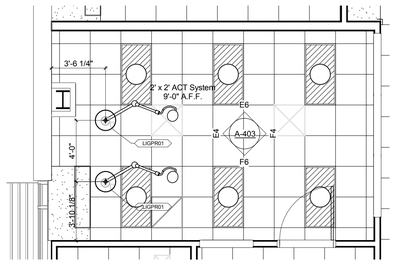
SCALE 1/4" = 1'-0"

A-402

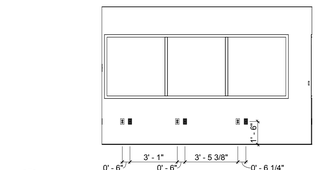
CONSTRUCTION DOCUMENTS



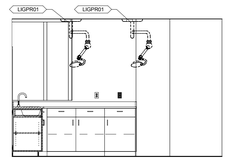
E1 Enlarged Plan - Well Baby Nursery 4081
1/4" = 1'-0"



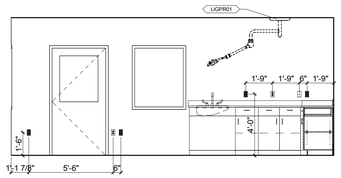
E3 Enlarged RCP - Well Baby Nursery 4081
1/4" = 1'-0"



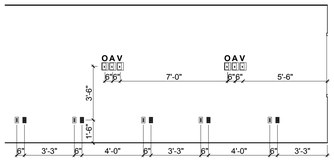
F4 Well Baby Nursery 4081 - North Elevation
1/4" = 1'-0"



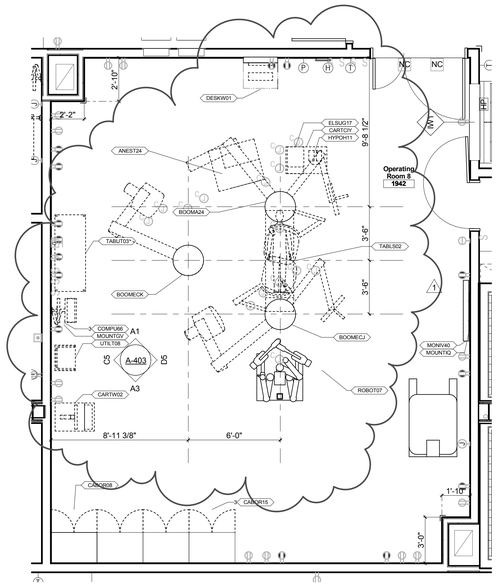
E4 Well Baby Nursery 4081 - South Elevation
1/4" = 1'-0"



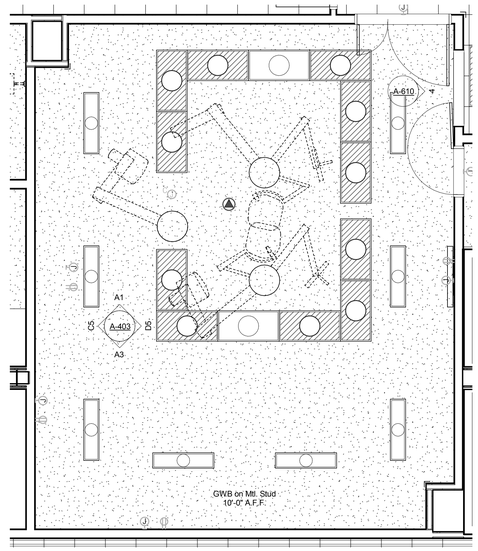
F6 Well Baby Nursery 4081 - East Elevation
1/4" = 1'-0"



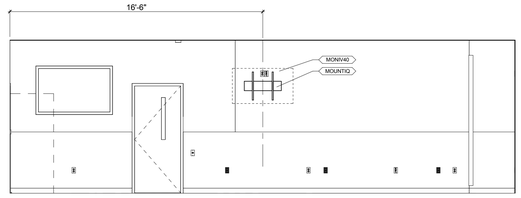
E6 Well Baby Nursery 4081 - West Elevation
1/4" = 1'-0"



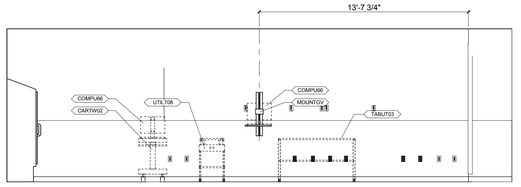
C1 Enlarged Plan - Operating Room #8 - 1942
1/4" = 1'-0"



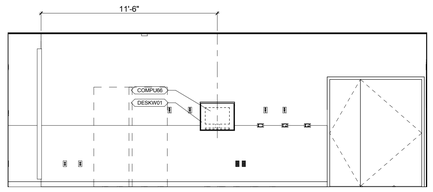
C3 Enlarged RCP - Operating Room #8 1942
1/4" = 1'-0"



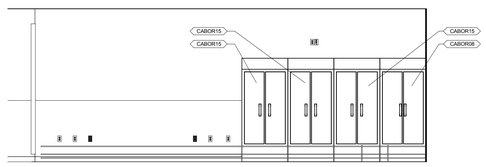
D5 Operating Room #8 1942 - North Elevation
1/4" = 1'-0"



C5 Operating Room #8 1942 - South Elevation
1/4" = 1'-0"



A1 Operating Room #8 1942 - West Elevation
1/4" = 1'-0"



A3 Operating Room #8 1942 - East Elevation
1/4" = 1'-0"

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EQUIPMENT PLANNER		Greg Olsen
DRAWN BY		Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

ENLARGED PLANS
AND INTERIOR
ELEVATIONS

SCALE 1/4" = 1'-0"

A-403

CONSTRUCTION DOCUMENTS

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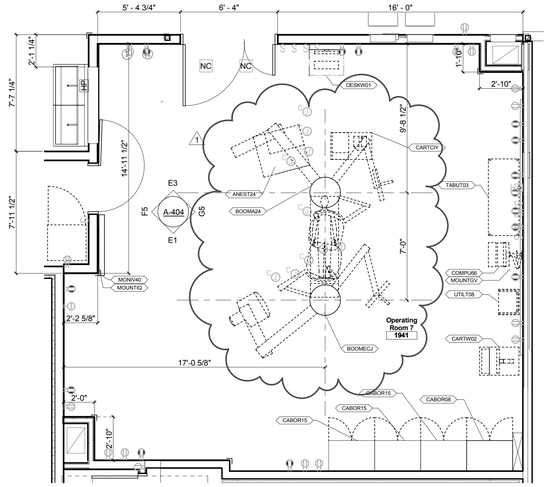
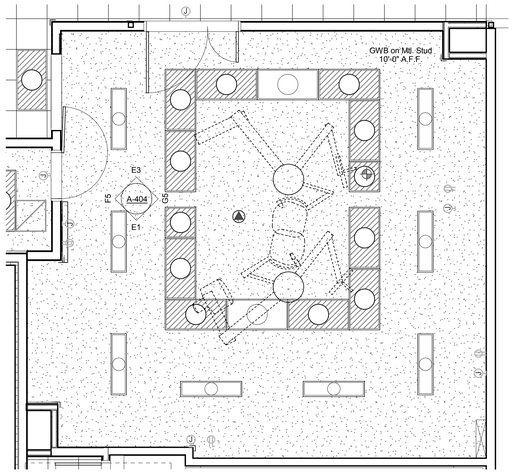
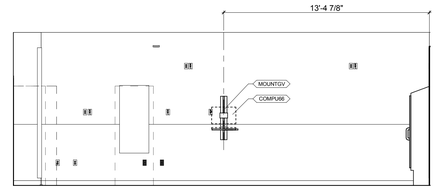


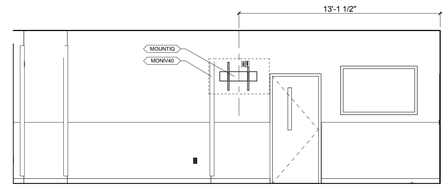
F1 Enlarged Plan - Operating Room #7 1941
1/4" = 1'-0"



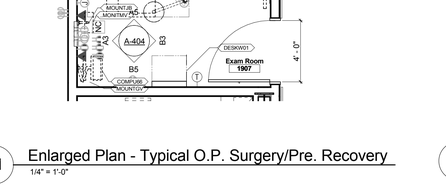
F3 Enlarged RCP - Operating Room #7 1941
1/4" = 1'-0"



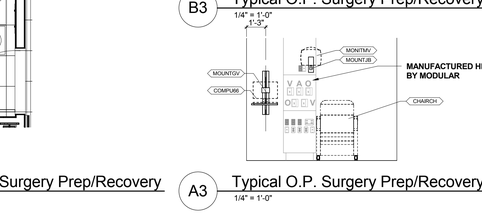
G5 Operating Room #7 1941 - North Elevation
1/4" = 1'-0"



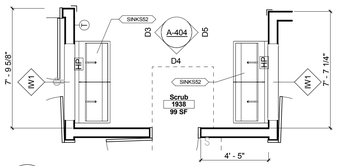
F5 Operating Room #7 1941 - South Elevation
1/4" = 1'-0"



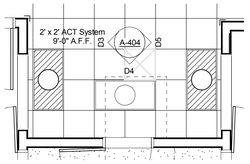
E1 Operating Room #7 1941 - East Elevation
1/4" = 1'-0"



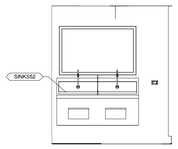
E3 Operating Room #7 1941 - West Elevation
1/4" = 1'-0"



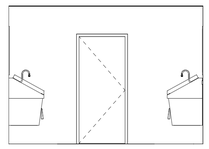
D1 Enlarged Plan - Scrub 1938
1/4" = 1'-0"



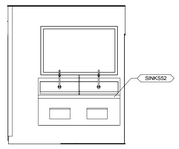
D2 Enlarged RCP - Scrub 1938
1/4" = 1'-0"



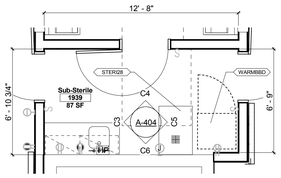
D3 Scrub 1938 - South Elevation
1/4" = 1'-0"



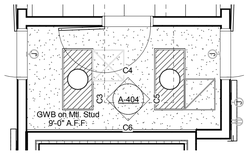
D4 Scrub 1938 - East Elevation
1/4" = 1'-0"



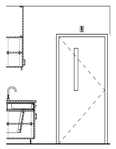
D5 Scrub 1938 - North Elevation
1/4" = 1'-0"



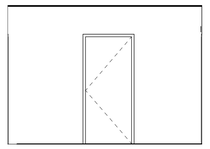
C1 Enlarged Plan - Sub-Sterile 1939
1/4" = 1'-0"



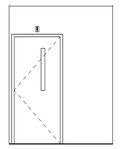
C2 Enlarged RCP - Sub-Sterile 1939
1/4" = 1'-0"



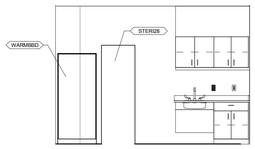
C3 Sub-Sterile 1939- South Elevation
1/4" = 1'-0"



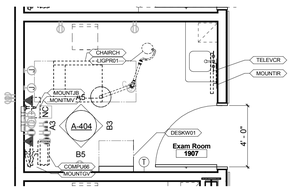
C4 Sub-Sterile 1939 - West Elevation
1/4" = 1'-0"



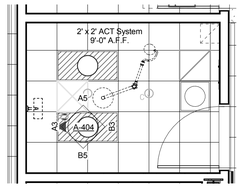
C5 Sub-Sterile 1939 - North Elevation
1/4" = 1'-0"



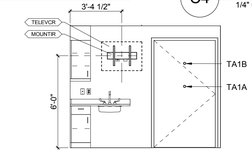
C6 Sub-Sterile 1939- East Elevation
1/4" = 1'-0"



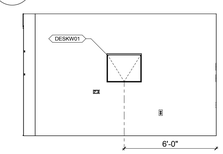
A1 Enlarged Plan - Typical O.P. Surgery/Pre. Recovery
1/4" = 1'-0"



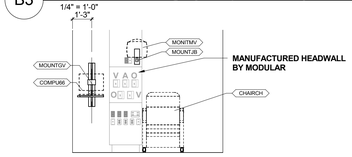
A2 Enlarged RCP - Typical O.P. Surgery Prep/Recovery
1/4" = 1'-0"



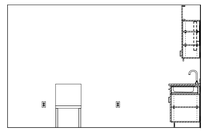
B3 Typical O.P. Surgery Prep/Recovery - North Elevation
1/4" = 1'-0"



B5 Typical O.P. Surgery Prep/Recovery - East Elevation
1/4" = 1'-0"



A3 Typical O.P. Surgery Prep/Recovery - South Elevation
1/4" = 1'-0"



A5 Typical O.P. Surgery Prep/Recovery - West Elevation
1/4" = 1'-0"

Note: Typical of Exam Room 1904, 1905, 1906, 1907, 1908, 1913, and 1914.

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Phone: 402.991.5520
www.specializedeng.com

Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1
	PROJECT NUMBER	000000000197729
	ORIGINAL ISSUE	11/05/13 -
	PROJECT MANAGER	Mike Goertzen
	PROJECT DESIGNER	Brian Zabloudil
	PROJECT ARCHITECT	Jeff Bahr
	LANDSCAPE ARCHITECT	Brad Swerczek
	CIVIL ENGINEER	-
	STRUCTURAL ENGINEER	Doug Sholl
	MECHANICAL ENGINEER	Todd Kubicek
	ELECTRICAL ENGINEER	Kris Burnham
	INTERIOR DESIGNER	Jill McFee
	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Author

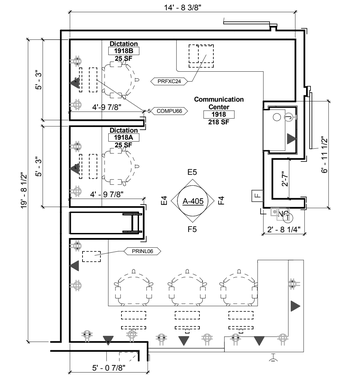
ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

ENLARGED PLANS
AND INTERIOR
ELEVATIONS

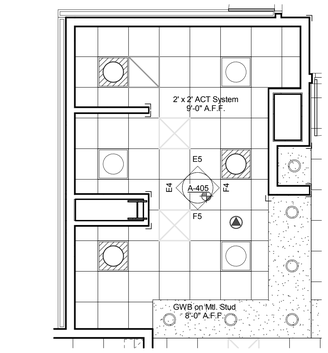
SCALE 1/4" = 1'-0"

A-404

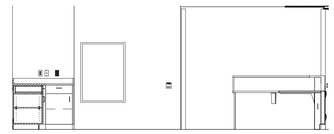
CONSTRUCTION DOCUMENTS



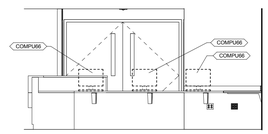
E1 Enlarged Plan - Communication Center 1918
1/4" = 1'-0"



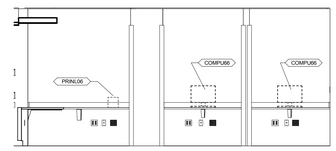
E2 Enlarged RCP - Communication Center - 1918
1/4" = 1'-0"



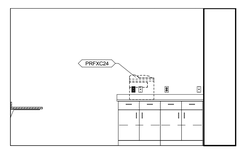
F4 Communication Center 1918 - North Elevation
1/4" = 1'-0"



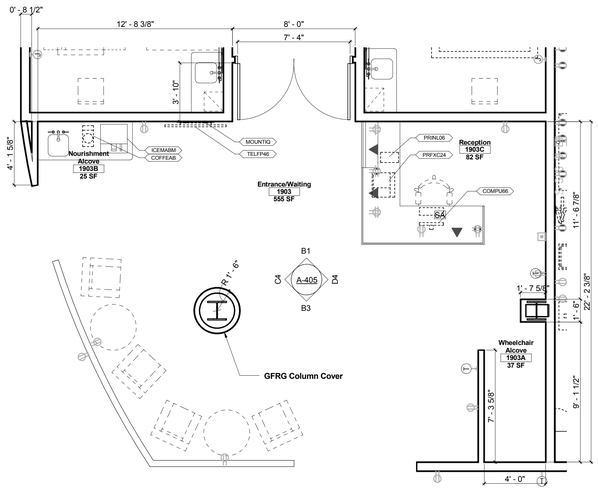
F5 Communication Center 1918 - East Elevation
1/4" = 1'-0"



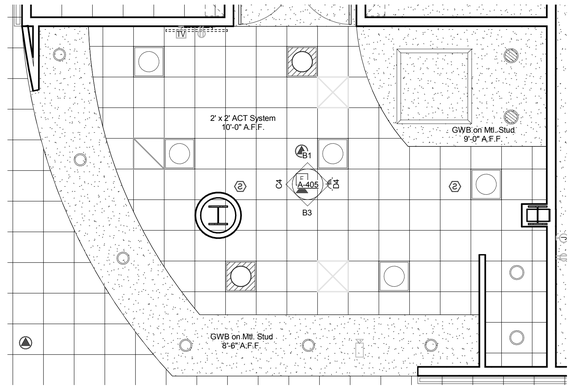
E4 Communication Center 1918 - South Elevation
1/4" = 1'-0"



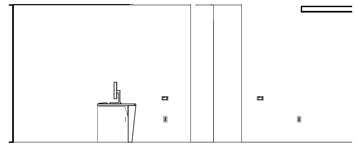
E5 Communication Center 1918 - West Elevation
1/4" = 1'-0"



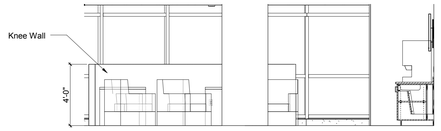
C1 Enlarged Plan - Entrance/Waiting
1/4" = 1'-0"



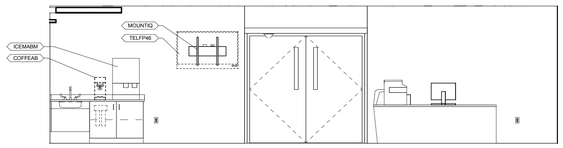
C3 Enlarged RCP - Entrance/Waiting
1/4" = 1'-0"



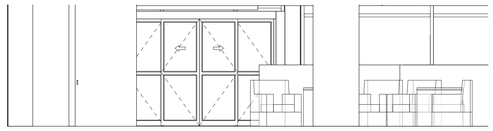
D4 Entrance/Waiting - North Elevation
1/4" = 1'-0"



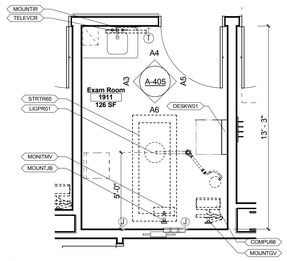
C4 Entrance/Waiting - South Elevation
1/4" = 1'-0"



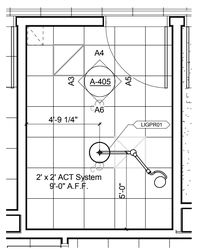
B1 Entrance/Waiting - West Elevation
1/4" = 1'-0"



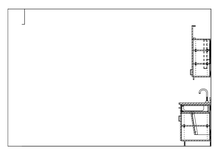
B3 Entrance/Waiting - East Elevation
1/4" = 1'-0"



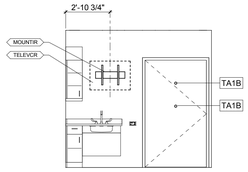
A1 Enlarged Plan - Typical Exam Room
1/4" = 1'-0"



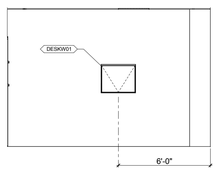
A2 Enlarged RCP - Typical Exam Room
1/4" = 1'-0"



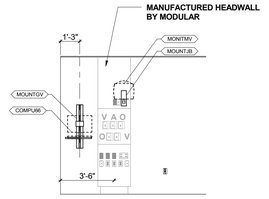
A3 Typical Exam Room - South Elevation
1/4" = 1'-0"



A4 Typical Exam Room - West Elevation
1/4" = 1'-0"



A5 Typical Exam Room - North Elevation
1/4" = 1'-0"



A6 Typical Exam Room - East Elevation
1/4" = 1'-0"

Note: Typical of Exam Room 1909, 1910, and 1911.

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PROJECT FOR

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Fremont Area Medical Center

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MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	0000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L GOERTZEN
A-2047
STATE OF NEBRASKA

ENLARGED PLANS
AND INTERIOR
ELEVATIONS

SCALE 1/4" = 1'-0"

A-405

CONSTRUCTION DOCUMENTS

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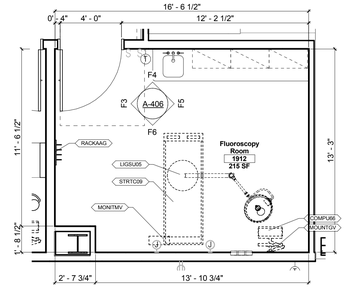
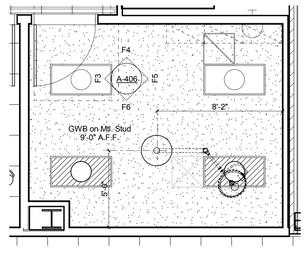
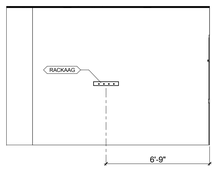


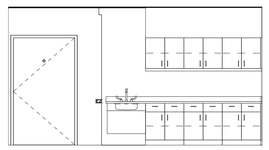
F1 Enlarged Plan - Fluoroscopy Room 1912
1/4" = 1'-0"



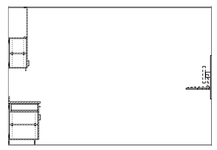
F2 Enlarged RCP - Fluoroscopy Room 1912
1/4" = 1'-0"



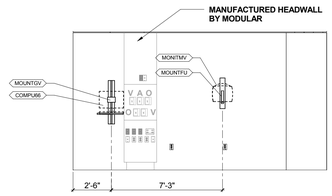
F3 Fluoroscopy Room 1912 - South Elevation
1/4" = 1'-0"



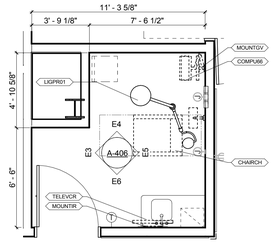
F4 Fluoroscopy Room 1912 - West Elevation
1/4" = 1'-0"



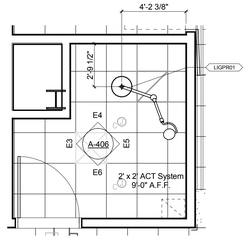
F5 Fluoroscopy Room 1912 - North Elevation
1/4" = 1'-0"



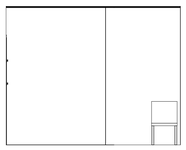
F6 Fluoroscopy Room 1912 - East Elevation
1/4" = 1'-0"



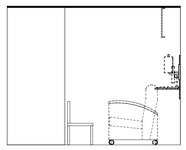
E1 Enlarged Plan - Exam Room 1914
1/4" = 1'-0"



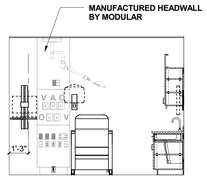
E2 Enlarged RCP - Exam Room 1914
1/4" = 1'-0"



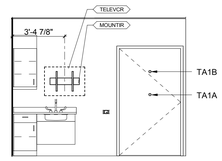
E3 Exam Room 1914 - South Elevation
1/4" = 1'-0"



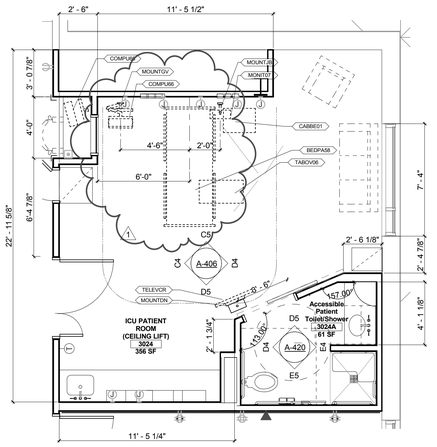
E4 Exam Room 1914 - West Elevation
1/4" = 1'-0"



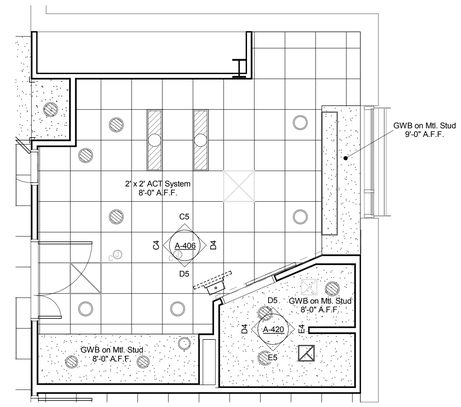
E5 Exam Room 1914 - North Elevation
1/4" = 1'-0"



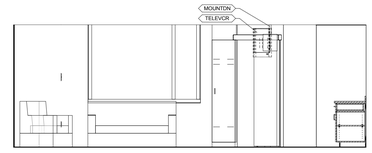
E6 Exam Room 1914 - East Elevation
1/4" = 1'-0"



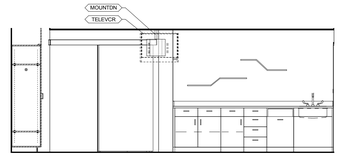
C1 Enlarged Plan - ICU Patient Room 3024
1/4" = 1'-0"



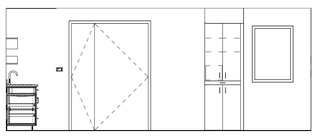
C3 Enlarged RCP - ICU Patient Room 3024
1/4" = 1'-0"



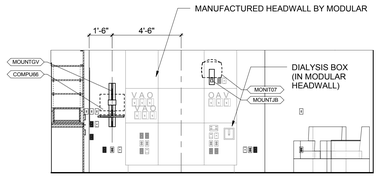
D4 ICU Patient Room 3024 - North Elevation
1/4" = 1'-0"



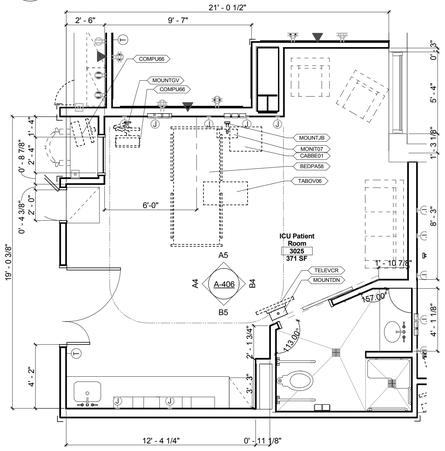
D5 ICU Patient Room 3024 - East Elevation
1/4" = 1'-0"



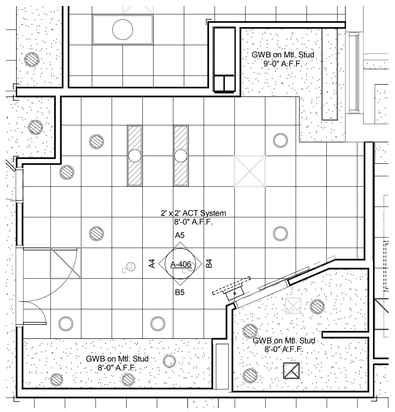
C4 ICU Patient Room 3024 - South Elevation
1/4" = 1'-0"



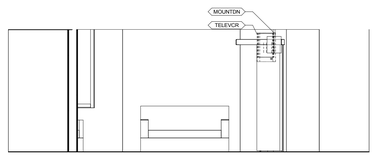
C5 ICU Patient Room 3024 - West Elevation
1/4" = 1'-0"



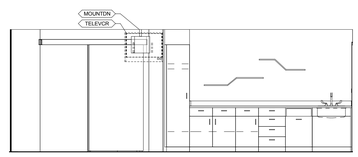
A1 Enlarged Plan - ICU Patient Room 3025
1/4" = 1'-0"



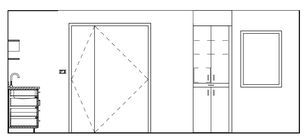
A3 Enlarged RCP - ICU Patient Room 3025
1/4" = 1'-0"



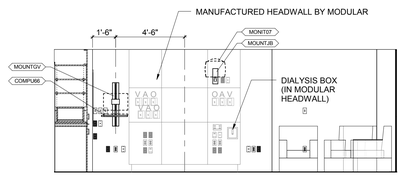
B4 ICU Patient Room 3025 - North Elevation
1/4" = 1'-0"



B5 ICU Patient Room 3025 - East Elevation
1/4" = 1'-0"



A4 ICU Patient Room 3025 - South Elevation
1/4" = 1'-0"



A5 ICU Patient Room 3025 - West Elevation
1/4" = 1'-0"

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SES SPECIALIZED ENGINEERING SOLUTIONS
10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
www.specializedeng.com
Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1
	PROJECT NUMBER	00000000197729
	ORIGINAL ISSUE	11/05/13 -
	PROJECT MANAGER	Mike Goertzen
	PROJECT DESIGNER	Brian Zabloudil
	PROJECT ARCHITECT	Jeff Bahr
	LANDSCAPE ARCHITECT	Brad Swerczek
	CIVIL ENGINEER	
	STRUCTURAL ENGINEER	Doug Sholl
	MECHANICAL ENGINEER	Todd Kubicek
	ELECTRICAL ENGINEER	Kris Burnham
	INTERIOR DESIGNER	Jill McFee
	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Author

ARCHITECT * MICHAEL L. GOERTZEN A-2047 * STATE OF NEBRASKA

ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE 1/4" = 1'-0"

A-406

CONSTRUCTION DOCUMENTS

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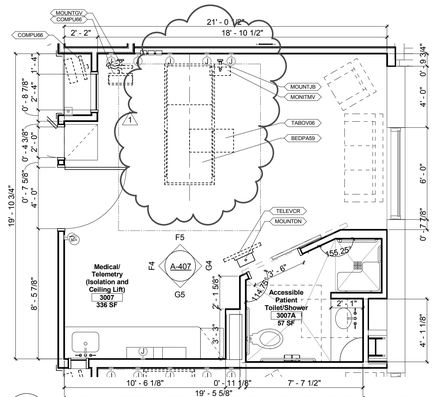
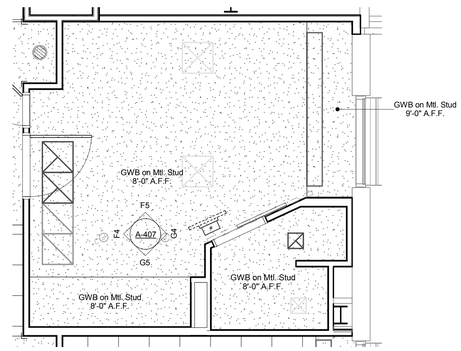
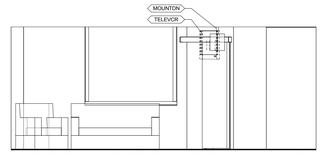


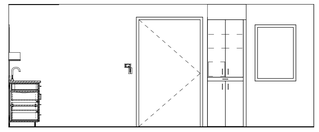
F1 Enlarged Plan - Medical/Telemetry (Isolation) 3007
1/4" = 1'-0"



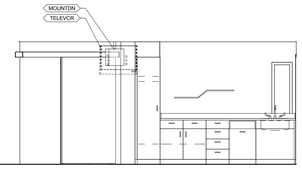
F3 Enlarged RCP - Medical/Telemetry (Isolation) 3007
1/4" = 1'-0"



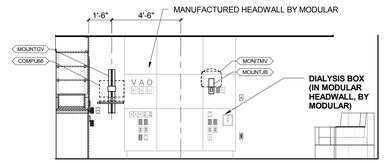
G4 Medical/Telemetry (Isolation) 3007 - North Elevation
1/4" = 1'-0"



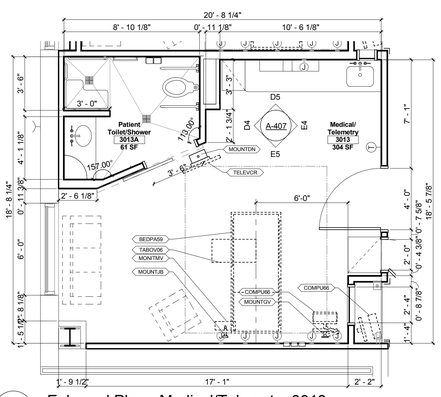
F4 Medical/Telemetry (Isolation) 3007 - South Elevation
1/4" = 1'-0"



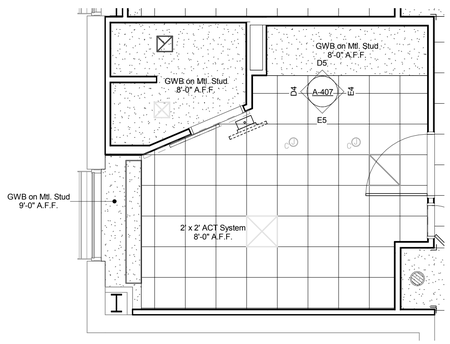
G5 Medical/Telemetry (Isolation) 3007 - East Elevation
1/4" = 1'-0"



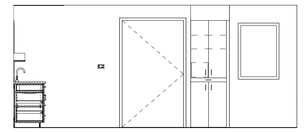
F5 Medical/Telemetry (Isolation) 3007 - West Elevation
1/4" = 1'-0"



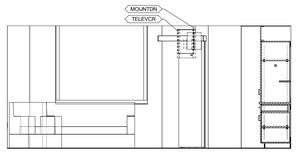
D1 Enlarged Plan - Medical/Telemetry 3013
1/4" = 1'-0"



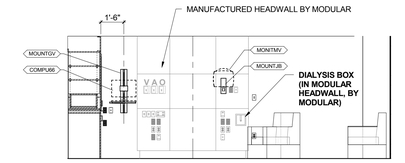
D3 Enlarged RCP - Medical/Telemetry 3013
1/4" = 1'-0"



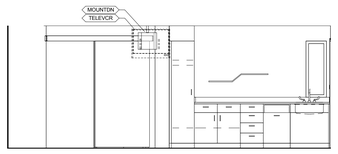
E4 Medical/Telemetry 3013 - North Elevation
1/4" = 1'-0"



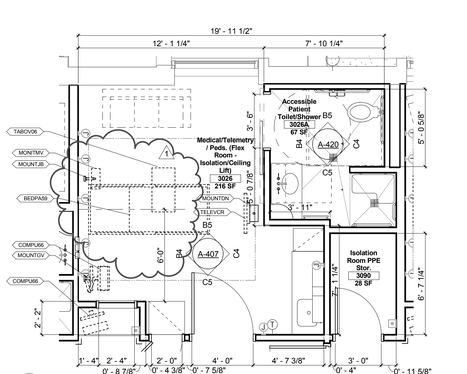
D4 Medical/Telemetry 3013 - South Elevation
1/4" = 1'-0"



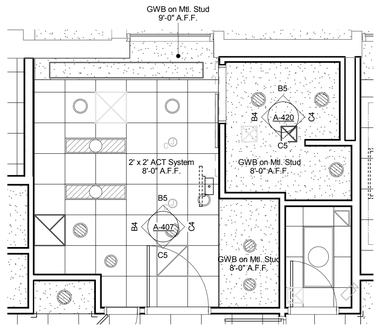
E5 Medical/Telemetry 3013 - East Elevation
1/4" = 1'-0"



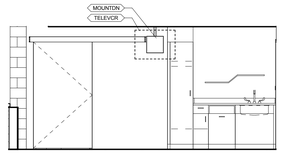
D5 Medical/Telemetry 3013 - West Elevation
1/4" = 1'-0"



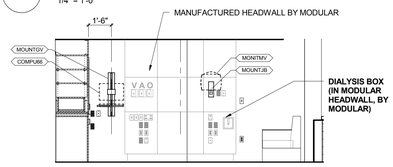
B1 Enlarged Plan - Medical/Telemetry/Peds. (Flex Room) 3026
1/4" = 1'-0"



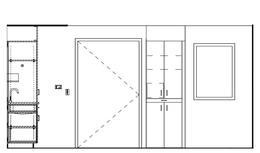
B2 Enlarged RCP - Medical/Telemetry/Peds. (Flex Room) 3026
1/4" = 1'-0"



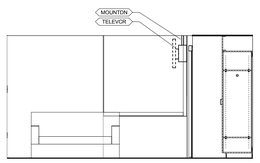
C4 Medical/Telemetry/Peds. (Flex Room) 3026 - North Elevation
1/4" = 1'-0"



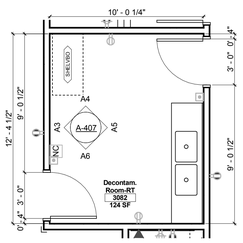
B4 Medical/Telemetry/Peds. (Flex Room) 3026 - South Elevation
1/4" = 1'-0"



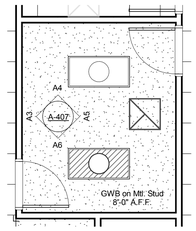
C5 Medical/Telemetry/Peds. (Flex Room) 3026 - East Elevation
1/4" = 1'-0"



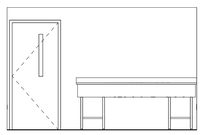
B5 Medical/Telemetry/Peds. (Flex Room) 3026 - West Elevation
1/4" = 1'-0"



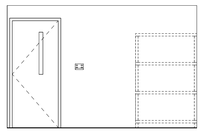
A1 Enlarged Plan - Decontam. Room-RT 3082
1/4" = 1'-0"



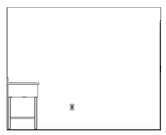
A2 Enlarged RCP - Decontam. Room-RT 3082
1/4" = 1'-0"



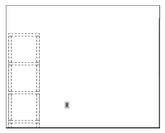
A5 Decontam. Room-RT 3082 - North Elevation
1/4" = 1'-0"



A3 Decontam. Room-RT 3082 - South Elevation
1/4" = 1'-0"



A6 Decontam. Room-RT 3082 - East Elevation
1/4" = 1'-0"



A4 Decontam. Room-RT 3082 - West Elevation
1/4" = 1'-0"

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PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L GOERTZEN
A-2047
STATE OF NEBRASKA

ENLARGED PLANS
AND INTERIOR
ELEVATIONS

SCALE 1/4" = 1'-0"

A-407

CONSTRUCTION DOCUMENTS

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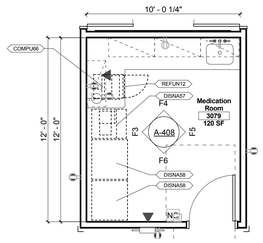
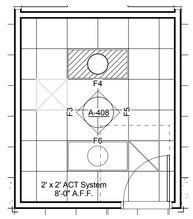
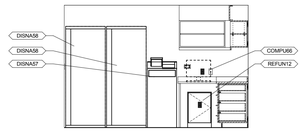


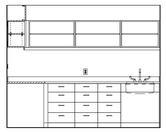
F1 Enlarged Plan - Medication Room 3079
1/4" = 1'-0"



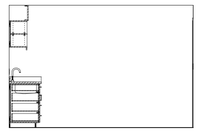
F2 Enlarged RCP - Medication Room 3079
1/4" = 1'-0"



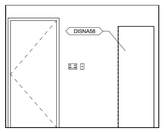
F3 Medication Room 3079 - South Elevation
1/4" = 1'-0"



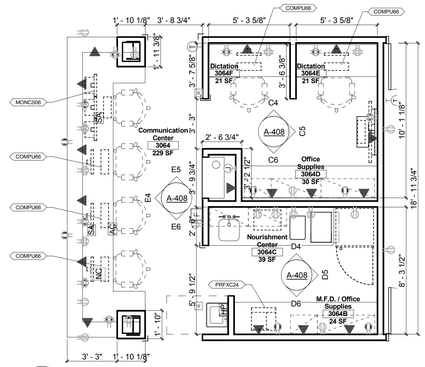
F4 Medication Room 3079 - West Elevation
1/4" = 1'-0"



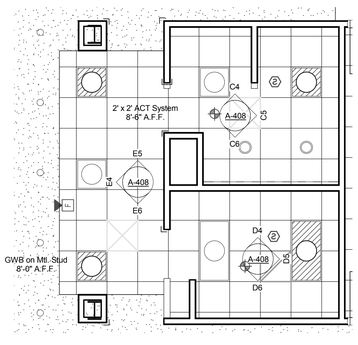
F5 Medication Room 3079 - North Elevation
1/4" = 1'-0"



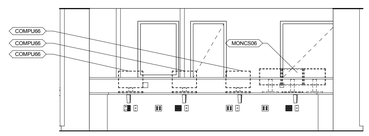
F6 Medication Room 3079 - East Elevation
1/4" = 1'-0"



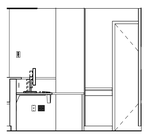
D1 Enlarged Plan - Communication Center and Support
1/4" = 1'-0"



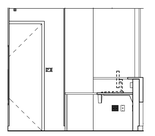
D2 Enlarged RCP - Communication Center and Support
1/4" = 1'-0"



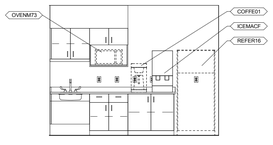
E4 Communication Center 3064 - South Elevation
1/4" = 1'-0"



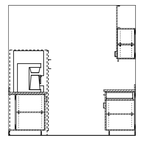
E5 Communication Center 3064 - West Elevation
1/4" = 1'-0"



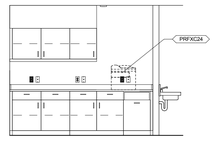
E6 Communication Center 3064 - East Elevation
1/4" = 1'-0"



D4 3064C - West Elevation
1/4" = 1'-0"

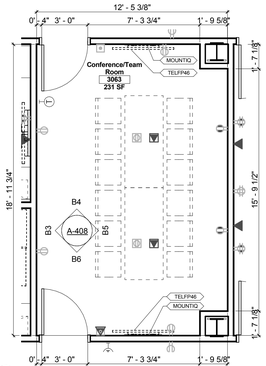


D5 3064C & 3064B - North Elevation
1/4" = 1'-0"

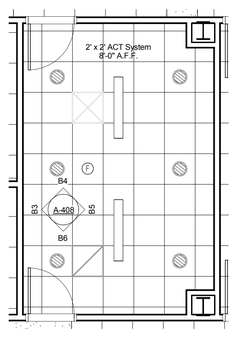


D6 3064B - East Elevation
1/4" = 1'-0"

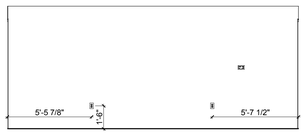
Note: Typical of Communication Center, Dictation, Supplies, Nourshment Center, and MFD Office Supplies 3064 and 4062.



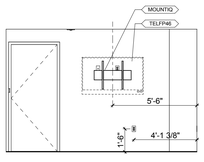
B1 Enlarged Plan - Conference/Team Room 3063
1/4" = 1'-0"



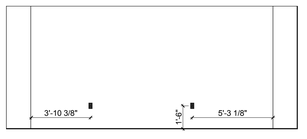
B2 Enlarged RCP - Conference/Team Room 3063
1/4" = 1'-0"



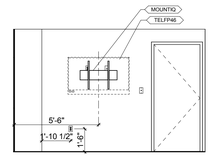
B3 Conference/Team Room - South Elevation
1/4" = 1'-0"



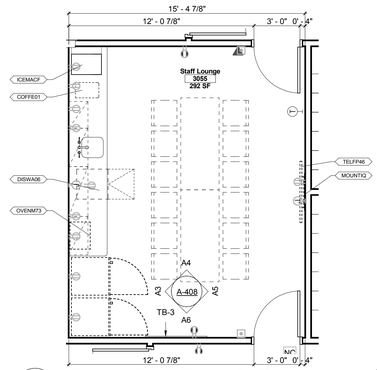
B4 Conference/Team Room - West Elevation
1/4" = 1'-0"



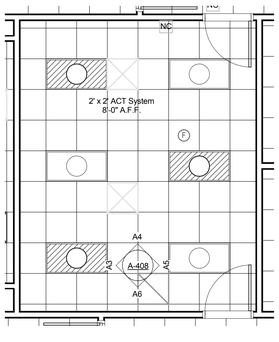
B5 Conference/Team Room - North Elevation
1/4" = 1'-0"



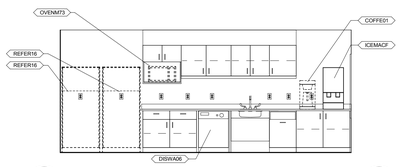
B6 Conference/Team Room - East Elevation
1/4" = 1'-0"



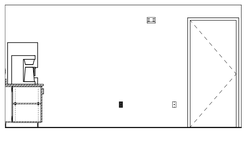
A1 Enlarged Plan - Typical Staff Lounge
1/4" = 1'-0"



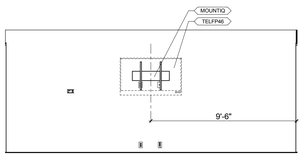
A2 Enlarged RCP - Typical Staff Lounge
1/4" = 1'-0"



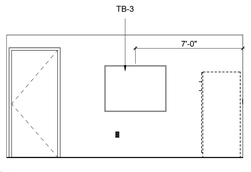
A3 Typical Staff Lounge - South Elevation
1/4" = 1'-0"



A4 Typical Staff Lounge - West Elevation
1/4" = 1'-0"



A5 Typical Staff Lounge - North Elevation
1/4" = 1'-0"



A6 Typical Staff Lounge - East Elevation
1/4" = 1'-0"

Note: Typical of Staff Lounge 3055 and 4053.

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PROJECT FOR
FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1
	PROJECT NUMBER	000000000197729
	ORIGINAL ISSUE	11/05/13 -
	PROJECT MANAGER	Mike Goetzsen
	PROJECT DESIGNER	Brian Zabloudil
	PROJECT ARCHITECT	Jeff Bahr
	LANDSCAPE ARCHITECT	Brad Swerczek
	CIVIL ENGINEER	
	STRUCTURAL ENGINEER	Doug Sholl
	MECHANICAL ENGINEER	Todd Kubicek
	ELECTRICAL ENGINEER	Kris Burnham
	INTERIOR DESIGNER	Jill McFee
	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Author

ARCHITECT
MICHAEL L. GOETZSEN
A-2047
STATE OF NEBRASKA

ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE 1/4" = 1'-0"

A-408

CONSTRUCTION DOCUMENTS

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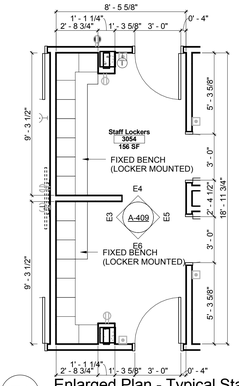
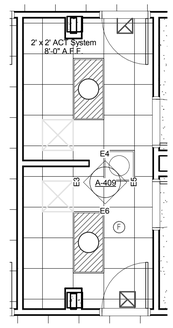
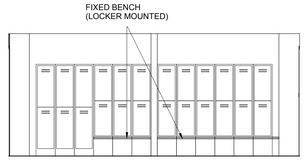
11/26/2013 10:45:57 AM



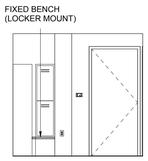
E1 Enlarged Plan - Typical Staff Lockers
1/4" = 1'-0"



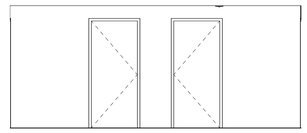
E2 Enlarged RCP - Typical Staff Lockers
1/4" = 1'-0"



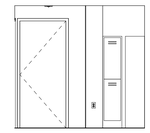
E3 Typical Staff Lockers - South Elevation
1/4" = 1'-0"



E4 Typical Staff Lockers - West Elevation
1/4" = 1'-0"

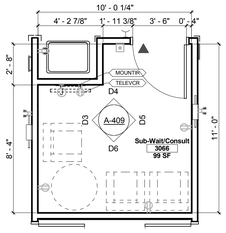


E5 Typical Staff Lockers - North Elevation
1/4" = 1'-0"

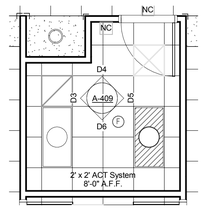


E6 Typical Staff Lockers - East Elevation
1/4" = 1'-0"

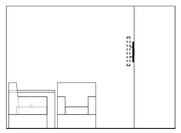
Note: Typical of Staff Lockers Rooms 3054 and 4052.



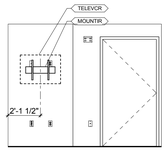
D1 Enlarged Plan - Typical Sub-Wait/Consult
1/4" = 1'-0"



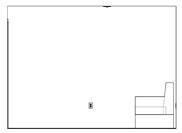
D2 Enlarged RCP - Typical Sub-Wait/Consult
1/4" = 1'-0"



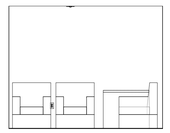
D3 Typical Sub-Wait/Consult - South Elevation
1/4" = 1'-0"



D4 Typical Sub-Wait/Consult - West Elevation
1/4" = 1'-0"

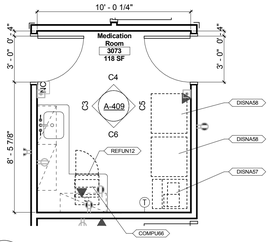


D5 Typical Sub-Wait/Consult - North Elevation
1/4" = 1'-0"

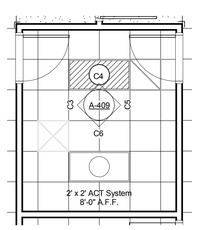


D6 Typical Sub-Wait/Consult - East Elevation
1/4" = 1'-0"

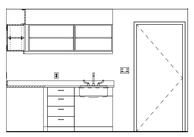
Note: Typical of Sub-Wait/Consult Rooms 3066 and 4064.



C1 Enlarged Plan - Typical Medication Room 2
1/4" = 1'-0"

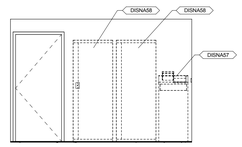


C2 Enlarged RCP - Typical Medication Room 2
1/4" = 1'-0"

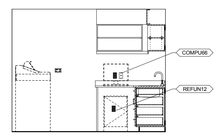


C3 Typical Medication Room 2 - South Elevation
1/4" = 1'-0"

C4 Typical Medication Room 2 - West Elevation
1/4" = 1'-0"

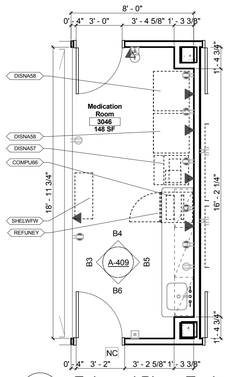


C5 Typical Medication Room 2 - North Elevation
1/4" = 1'-0"

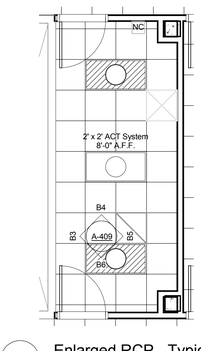


C6 Typical Medication Room 2 - East Elevation
1/4" = 1'-0"

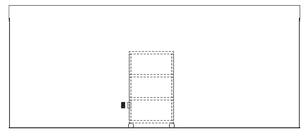
Note: Typical of Medication Rooms 3073 and 4071.



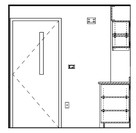
B1 Enlarged Plan - Typical Medication Room
1/4" = 1'-0"



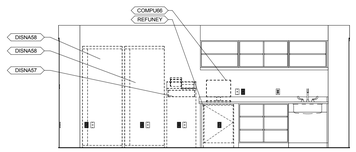
B2 Enlarged RCP - Typical Medication Room
1/4" = 1'-0"



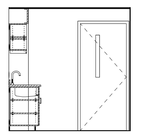
B3 Typical Medication Room - South Elevation
1/4" = 1'-0"



B4 Typical Medication Room - West Elevation
1/4" = 1'-0"

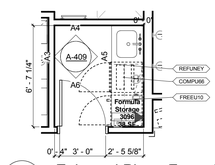


B5 Typical Medication Room - North Elevation
1/4" = 1'-0"

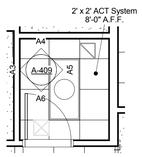


B6 Typical Medication Room - East Elevation
1/4" = 1'-0"

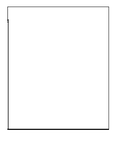
Note: Typical of Medication Room 3046 and 4043.



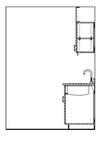
A1 Enlarged Plan - Formula Storage 3096
1/4" = 1'-0"



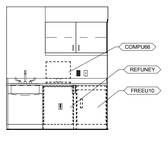
A2 Enlarged RCP - Formula Storage 3096
1/4" = 1'-0"



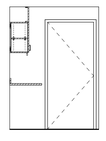
A3 Formula Storage 3096 - South Elevation
1/4" = 1'-0"



A4 Formula Storage 3096 - West Elevation
1/4" = 1'-0"



A5 Formula Storage 3096 - North Elevation
1/4" = 1'-0"



A6 Formula Storage 3096 - East Elevation
1/4" = 1'-0"

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Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1
	PROJECT NUMBER	000000000197729
	ORIGINAL ISSUE	11/05/13 -
	PROJECT MANAGER	Mike Goertzen
	PROJECT DESIGNER	Brian Zabloudil
	PROJECT ARCHITECT	Jeff Bahr
	LANDSCAPE ARCHITECT	Brad Swerczek
	CIVIL ENGINEER	
	STRUCTURAL ENGINEER	Doug Sholl
	MECHANICAL ENGINEER	Todd Kubicek
	ELECTRICAL ENGINEER	Kris Burnham
	INTERIOR DESIGNER	Jill McFee
	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN A-2047
STATE OF NEBRASKA

ENLARGED PLANS
AND INTERIOR
ELEVATIONS

SCALE 1/4" = 1'-0"

A-409

CONSTRUCTION DOCUMENTS

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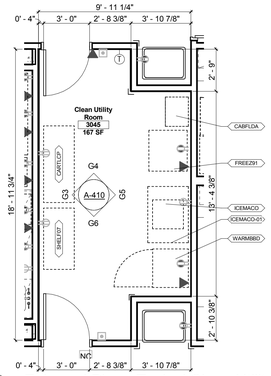
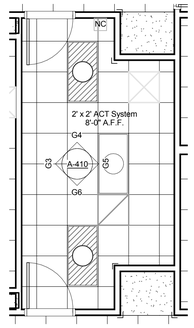
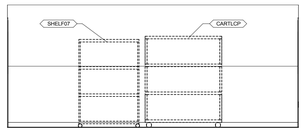


F1 Enlarged Plan - Typical Clean Utility Room
1/4" = 1'-0"

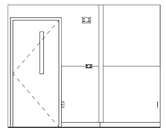


F2 Enlarged RCP - Typical Clean Utility Room
1/4" = 1'-0"

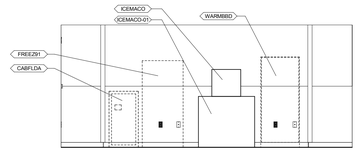
Note: Typical of Clean Utility Room 3045 and 4042.



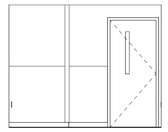
G3 Typical Clean Utility Room - South Elevation
1/4" = 1'-0"



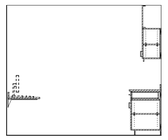
G4 Typical Clean Utility Room - West Elevation
1/4" = 1'-0"



G5 Typical Clean Utility Room - North Elevation
1/4" = 1'-0"

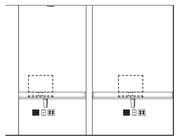


G6 Typical Clean Utility Room - East Elevation
1/4" = 1'-0"

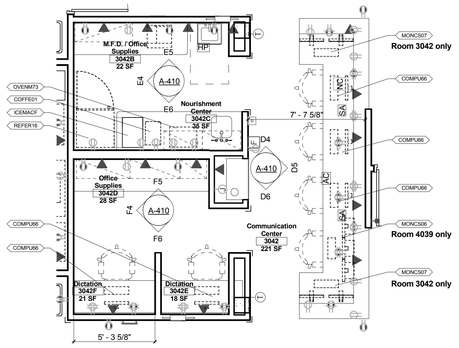


F4 3042D, 3042F & 3042E - South Elevation
1/4" = 1'-0"

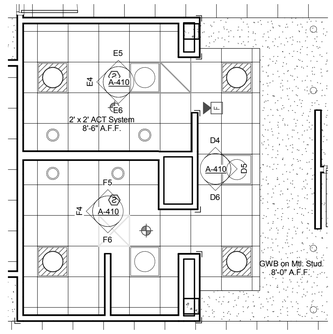
F5 3042D - West Elevation
1/4" = 1'-0"



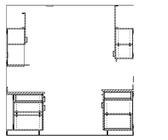
F6 3042F & 3042E - East Elevation
1/4" = 1'-0"



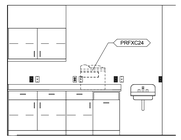
D1 Enlarged Plan - Communication Center and Support 2
1/4" = 1'-0"



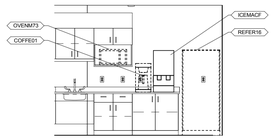
D2 Enlarged RCP - Communication Center and Support 2
1/4" = 1'-0"



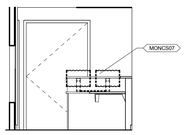
E4 3042B & 3042C - South Elevation
1/4" = 1'-0"



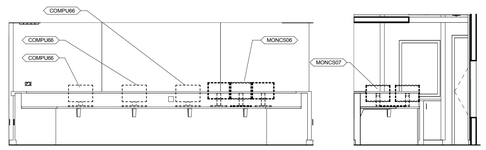
E5 3042B - West Elevation
1/4" = 1'-0"



E6 3042C - East Elevation
1/4" = 1'-0"



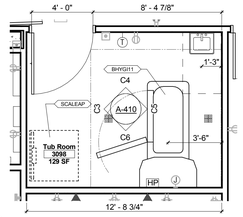
D4 Communication Center 3042 - West Elevation
1/4" = 1'-0"



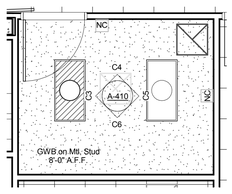
D5 Communication Center 4039 - North Elevation
1/4" = 1'-0"

D6 Communication Center 3042 - East Elevation
1/4" = 1'-0"

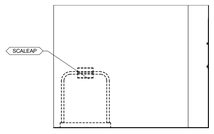
Note: Typical of Communication Center, Dictation, Office Supplies, Nourshment Center, and MFD Office Supplies 3042 and 4039.



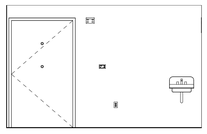
C1 Enlarged Plan - Tub Room 3098
1/4" = 1'-0"



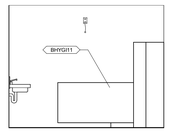
C2 Enlarged RCP - Tub Room 3098
1/4" = 1'-0"



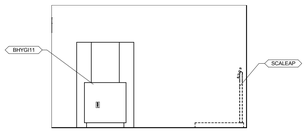
C3 Tub Room 3098 - South Elevation
1/4" = 1'-0"



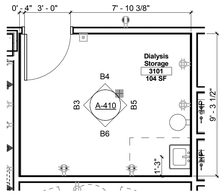
C4 Tub Room 3098 - West Elevation
1/4" = 1'-0"



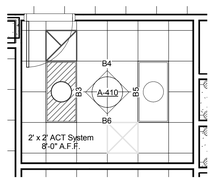
C5 Tub Room 3098 - North Elevation
1/4" = 1'-0"



C6 Tub Room 3098 - East Elevation
1/4" = 1'-0"

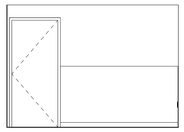


B1 Enlarged Plan - Dialysis Storage 3101
1/4" = 1'-0"

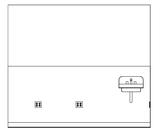


B2 Enlarged RCP - Dialysis Storage 3101
1/4" = 1'-0"

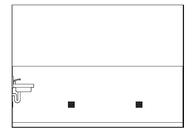
B3 Dialysis Storage 3101 - South Elevation
1/4" = 1'-0"



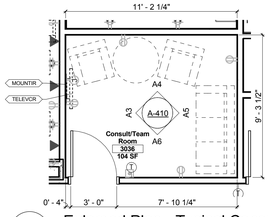
B4 Dialysis Storage 3101 - West Elevation
1/4" = 1'-0"



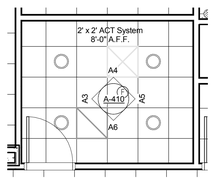
B5 Dialysis Storage 3101 - North Elevation
1/4" = 1'-0"



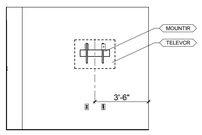
B6 Dialysis Storage 3101 - East Elevation
1/4" = 1'-0"



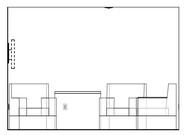
A1 Enlarged Plan - Typical Consult/Team Room
1/4" = 1'-0"



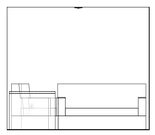
A2 Enlarged RCP - Typical Consult/Team Room
1/4" = 1'-0"



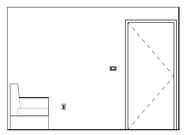
A3 Typical Consult/Team Room - South Elevation
1/4" = 1'-0"



A4 Typical Consult/Team Room - West Elevation
1/4" = 1'-0"



A5 Typical Consult/Team Room - North Elevation
1/4" = 1'-0"



A6 Typical Consult/Team Room - East Elevation
1/4" = 1'-0"

Note: Typical of Consult/Team Room 3036 and Conf/Consult 4033.

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PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
4	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 -
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PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE 1/4" = 1'-0"

A-410

CONSTRUCTION DOCUMENTS

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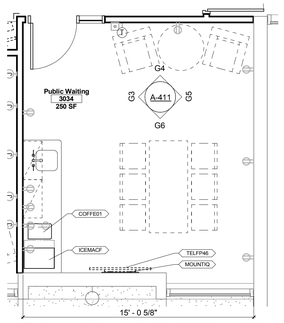
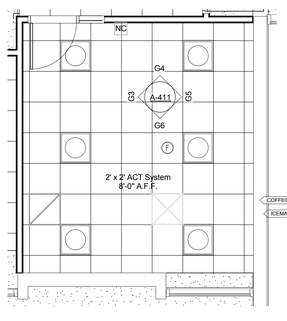
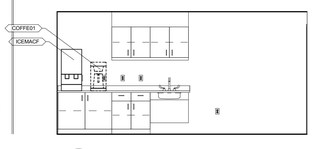


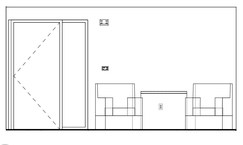
G1 Enlarged Plan - Public Waiting 3034
1/4" = 1'-0"



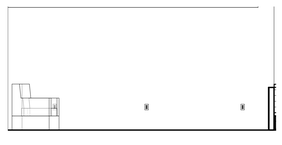
G2 Enlarged RCP - Public Waiting 3034
1/4" = 1'-0"



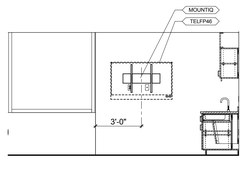
G3 Public Waiting 3034 - South Elevation
1/4" = 1'-0"



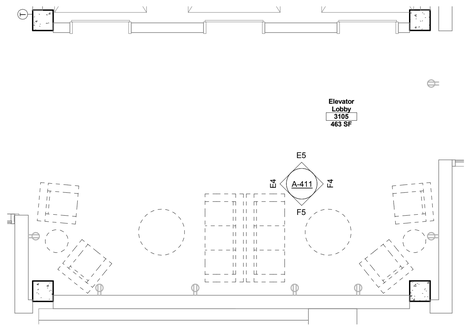
G4 Public Waiting 3034 - West Elevation
1/4" = 1'-0"



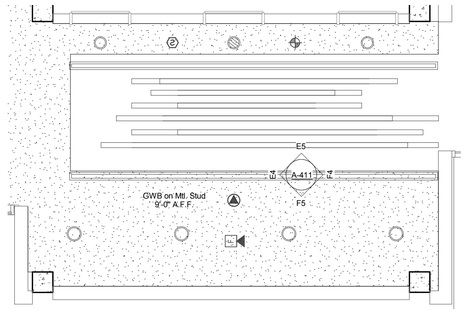
G5 Public Waiting 3034 - North Elevation
1/4" = 1'-0"



G6 Public Waiting 3034 - East Elevation
1/4" = 1'-0"

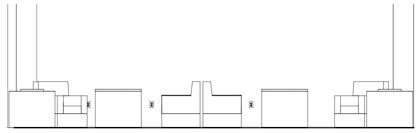


E1 Enlarged Plan - Typical Elevator Lobby
1/4" = 1'-0"

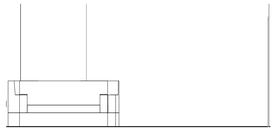


E3 Enlarged RCP - Typical Elevator Lobby
1/4" = 1'-0"

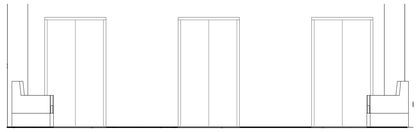
F4 Typical Elevator Lobby - North Elevation
1/4" = 1'-0"



F5 Typical Elevator Lobby - East Elevation
1/4" = 1'-0"

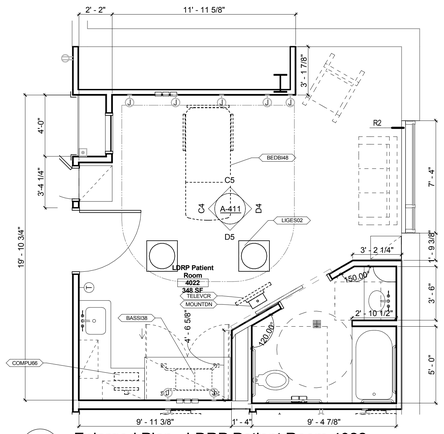


E4 Typical Elevator Lobby - South Elevation
1/4" = 1'-0"

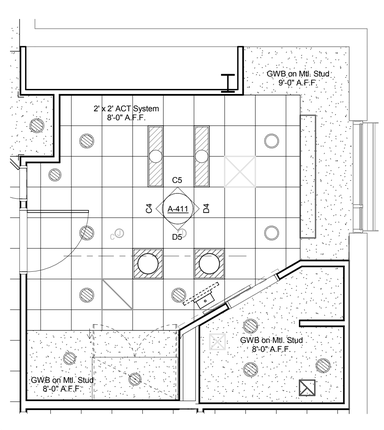


E5 Typical Elevator Lobby - West Elevation
1/4" = 1'-0"

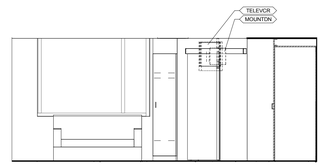
Note: Typical of Elevator Lobby 3105 and 4114.



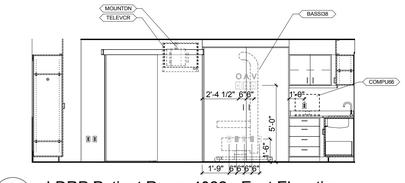
C1 Enlarged Plan - LDRP Patient Room 4022
1/4" = 1'-0"



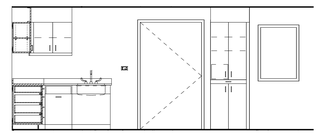
C3 Enlarged RCP - LDRP Patient Room 4022
1/4" = 1'-0"



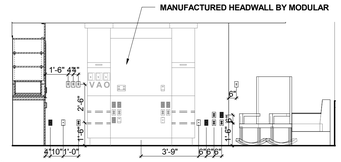
D4 LDRP Patient Room 4022 - North Elevation
1/4" = 1'-0"



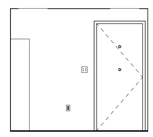
D5 LDRP Patient Room 4022 - East Elevation
1/4" = 1'-0"



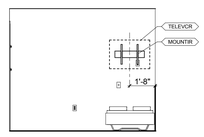
C4 LDRP Patient Room 4022 - South Elevation
1/4" = 1'-0"



C5 LDRP Patient Room 4022 - West Elevation
1/4" = 1'-0"



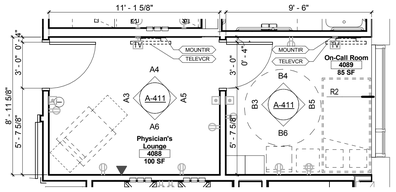
B3 On-Call Room - South Elevation
1/4" = 1'-0"



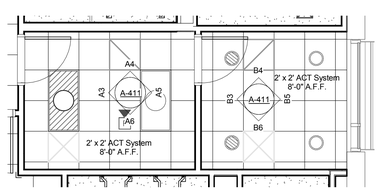
B4 On-Call Room - West Elevation
1/4" = 1'-0"

B5 On-Call Room - North Elevation
1/4" = 1'-0"

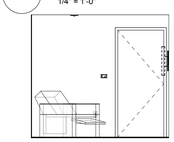
B6 On-Call Room - East Elevation
1/4" = 1'-0"



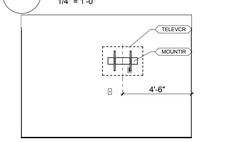
A1 Enlarged Plan - Physician's Lounge/On-Call Room
1/4" = 1'-0"



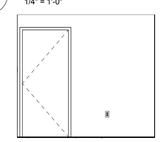
A2 Enlarged RCP - Physician's Lounge/On-Call Room
1/4" = 1'-0"



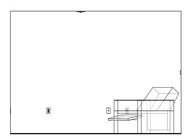
A3 Physician's Lounge - South Elevation
1/4" = 1'-0"



A4 Physician's Lounge - West Elevation
1/4" = 1'-0"



A5 Physician's Lounge - North Elevation
1/4" = 1'-0"



A6 Physician's Lounge - East Elevation
1/4" = 1'-0"

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Sampson Construction

PROJECT FOR
FAMC Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1
PROJECT NUMBER		000000000197729
ORIGINAL ISSUE		11/05/13 -
PROJECT MANAGER		Mike Goertzen
PROJECT DESIGNER		Brian Zabloudil
PROJECT ARCHITECT		Jeff Bahr
LANDSCAPE ARCHITECT		Brad Swerczek
CIVIL ENGINEER		-
STRUCTURAL ENGINEER		Doug Sholl
MECHANICAL ENGINEER		Todd Kubicek
ELECTRICAL ENGINEER		Kris Burnham
INTERIOR DESIGNER		Jill McFee
EQUIPMENT PLANNER		Greg Olsen
DRAWN BY		Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

ENLARGED PLANS
AND INTERIOR
ELEVATIONS

SCALE 1/4" = 1'-0"

A-411

CONSTRUCTION DOCUMENTS

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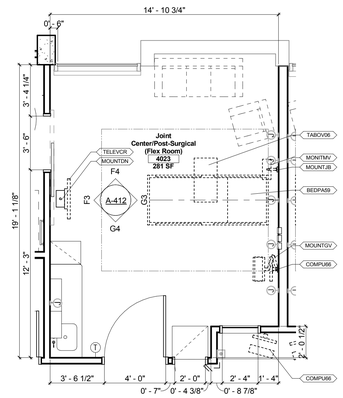
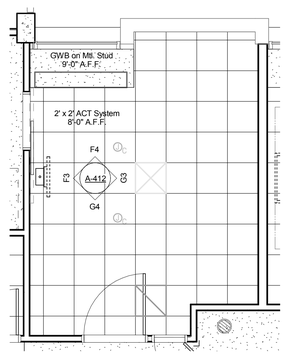
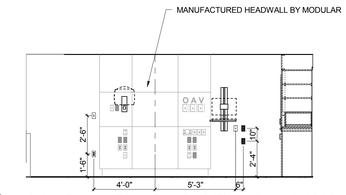


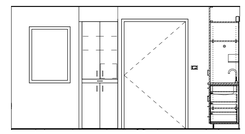
F1 Enlarged Plan - Joint Center/Post-Surgical (Flex Room) 4023
1/4" = 1'-0"



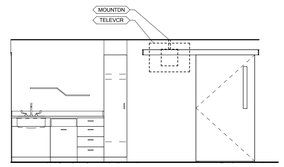
F2 Enlarged RCP - Joint Center/Post-Surgical (Flex Room) 4023
1/4" = 1'-0"



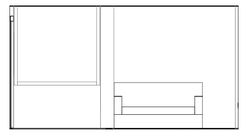
G3 Joint Center/Post-Surgical (Flex Room) 4023 - North Elevation
1/4" = 1'-0"



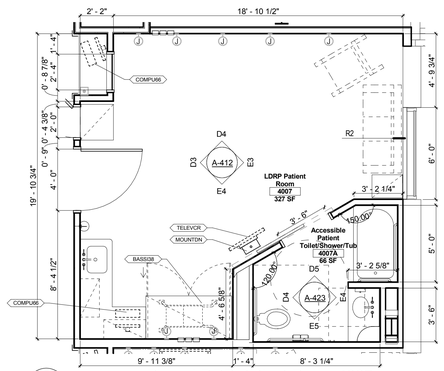
G4 Joint Center/Post-Surgical (Flex Room) 4023- East Elevation
1/4" = 1'-0"



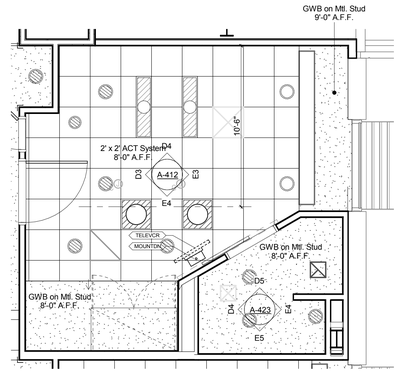
F3 Joint Center/Post-Surgical (Flex Room) 4023 - South Elevation
1/4" = 1'-0"



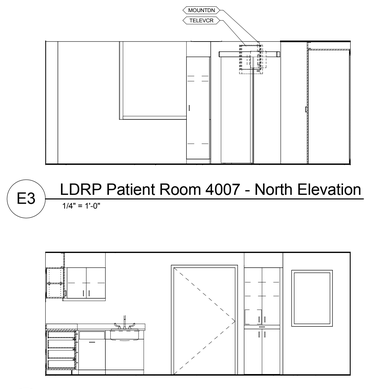
F4 Joint Center/Post-Surgical (Flex Room) 4023 - West Elevation
1/4" = 1'-0"



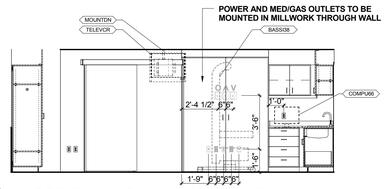
D1 Enlarged Plan - LDRP Patient Room 4007
1/4" = 1'-0"



D2 Enlarged RCP - LDRP Patient Room 4007
1/4" = 1'-0"

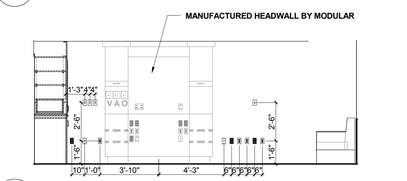


E3 LDRP Patient Room 4007 - North Elevation
1/4" = 1'-0"

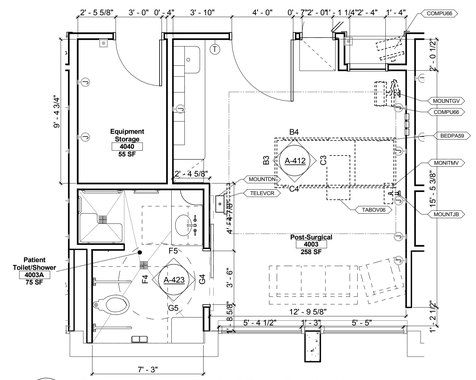


E4 LDRP Patient Room 4007 - East Elevation
1/4" = 1'-0"

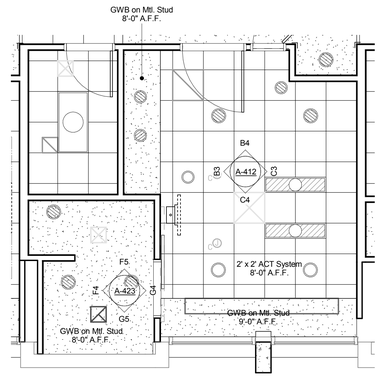
D3 LDRP Patient Room 4007 - South Elevation
1/4" = 1'-0"



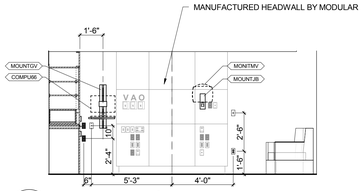
D4 LDRP Patient Room 4007 - West Elevation
1/4" = 1'-0"



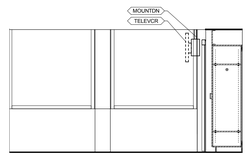
B1 Enlarged Plan - Typical Post-Surgical
1/4" = 1'-0"



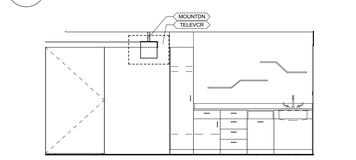
B2 Enlarged RCP - Typical Post-Surgical
1/4" = 1'-0"



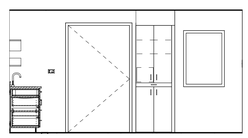
C3 Typical Post-Surgical - North Elevation
1/4" = 1'-0"



C4 Typical Post-Surgical - East Elevation
1/4" = 1'-0"

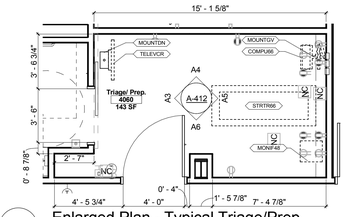


B3 Typical Post-Surgical - South Elevation
1/4" = 1'-0"

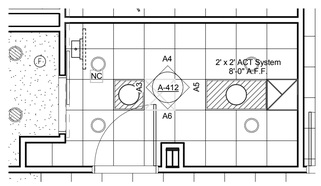


B4 Typical Post-Surgical - West Elevation
1/4" = 1'-0"

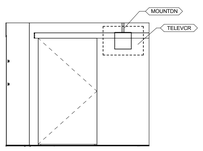
Note: Typical of Renovated Post-Surgical Patient Rooms 4001, 4002, 4003, 4004, 4005, and 4006 and Renovated Joint Center Patient Rooms 4024, 4025, 4026, 4027, 4028, and 4029.



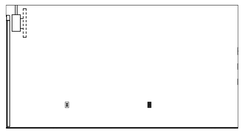
A1 Enlarged Plan - Typical Triage/Prep.
1/4" = 1'-0"



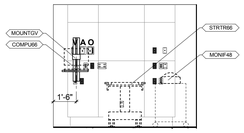
A2 Enlarged RCP - Typical Triage/Prep.
1/4" = 1'-0"



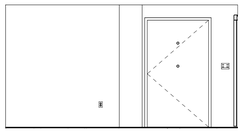
A3 Typical Triage/Prep. - South Elevation
1/4" = 1'-0"



A4 Typical Triage/Prep. - West Elevation
1/4" = 1'-0"



A5 Typical Triage/Prep. - North Elevation
1/4" = 1'-0"



A6 Typical Triage/Prep. - East Elevation
1/4" = 1'-0"

Note: Typical of Triage/Prep Rooms 4060 and 4061.

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www.specializedeng.com
Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L GOERTZEN
A-2047
STATE OF NEBRASKA

ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE 1/4" = 1'-0"

A-412

CONSTRUCTION DOCUMENTS

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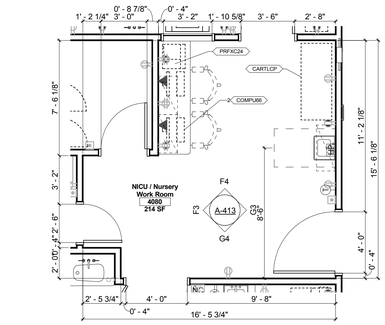
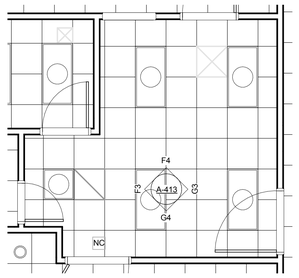
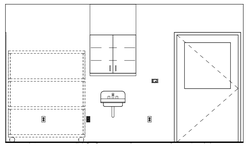


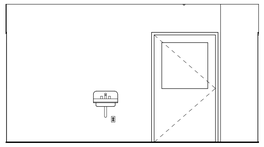
F1 Enlarged Plan - NICU/Nursery Work Room
1/4" = 1'-0"



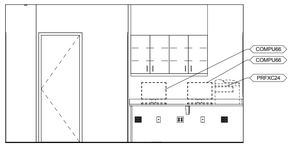
F2 Enlarged RCP - NICU/Nursery Work Room
1/4" = 1'-0"



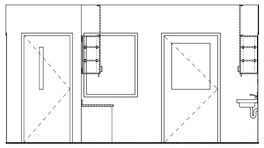
G3 NICU/Nursery Work Room - North Elevation
1/4" = 1'-0"



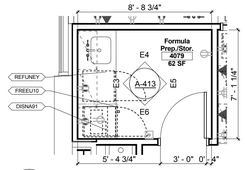
G4 NICU/Nursery Work Room - East Elevation
1/4" = 1'-0"



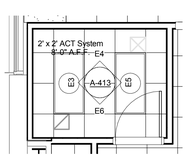
F3 NICU/Nursery Work Room - South Elevation
1/4" = 1'-0"



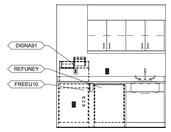
F4 NICU/Nursery Work Room - West Elevation
1/4" = 1'-0"



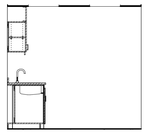
E1 Enlarged Plan - Formula Prep./Stor.
1/4" = 1'-0"



E2 Enlarged RCP - Formula Prep./Stor.
1/4" = 1'-0"



E3 Formula Prep./Stor. - South Elevation
1/4" = 1'-0"



E4 Formula Prep./Stor. - West Elevation
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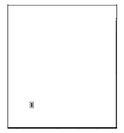
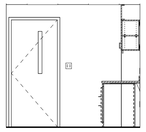
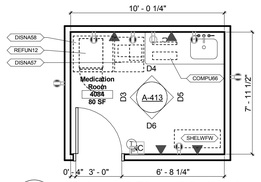


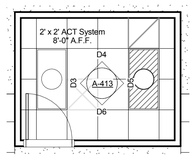
E5 Formula Prep./Stor. - North Elevation
1/4" = 1'-0"



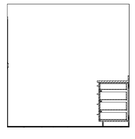
E6 Formula Prep./Stor. - East Elevation
1/4" = 1'-0"



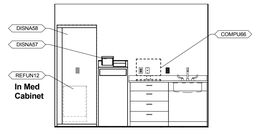
D1 Enlarged Plan - Medication Room 4084
1/4" = 1'-0"



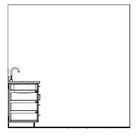
D2 Enlarged RCP - Medication Room 4084
1/4" = 1'-0"



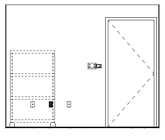
D3 Medication Room 4084 - South Elevation
1/4" = 1'-0"



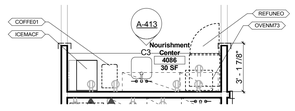
D4 Medication Room 4084 - West Elevation
1/4" = 1'-0"



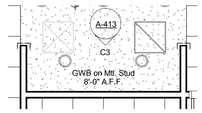
D5 Medication Room 4084 - North Elevation
1/4" = 1'-0"



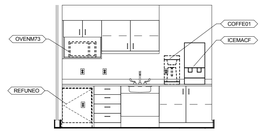
D6 Medication Room 4084 - East Elevation
1/4" = 1'-0"



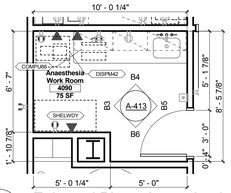
C1 Enlarged Plan - Nourishment Center 4086
1/4" = 1'-0"



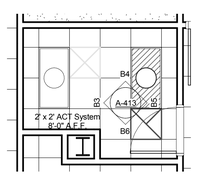
C2 Enlarged RCP - Nourishment Center 4086
1/4" = 1'-0"



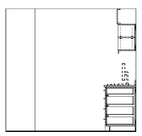
C3 Nourishment Center 4086 - East Elevation
1/4" = 1'-0"



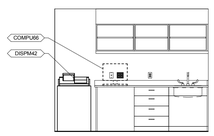
B1 Enlarged Plan - Anaesthesia Work Room
1/4" = 1'-0"



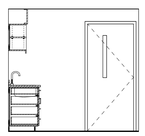
B2 Enlarged RCP - Anaesthesia Work Room
1/4" = 1'-0"



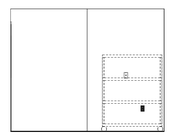
B3 Anaesthesia Work Room - South Elevation
1/4" = 1'-0"



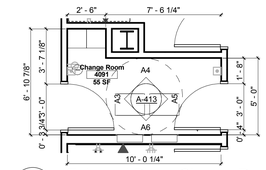
B4 Anaesthesia Work Room - West Elevation
1/4" = 1'-0"



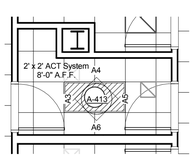
B5 Anaesthesia Work Room - North Elevation
1/4" = 1'-0"



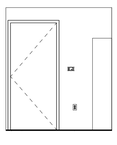
B6 Anaesthesia Work Room - East Elevation
1/4" = 1'-0"



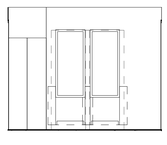
A1 Enlarged Plan - Change Room 4091
1/4" = 1'-0"



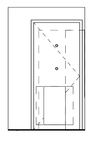
A2 Enlarged RCP - Change Room 4091
1/4" = 1'-0"



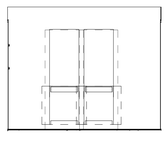
A3 Change Room 4091 - South Elevation
1/4" = 1'-0"



A4 Change Room 4091 - West Elevation
1/4" = 1'-0"



A5 Change Room 4091 - North Elevation
1/4" = 1'-0"



A6 Change Room 4091 - East Elevation
1/4" = 1'-0"

HDR
HDR ARCHITECTURE INC.
8404 Indian Hills Drive | Omaha, NE 68114 | 402.399.1100
SES SPECIALIZED ENGINEERING SOLUTIONS
10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
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Sampson Construction

PROJECT FOR
FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT * MICHAEL L. GOERTZEN A-2047 * STATE OF NEBRASKA

ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE 1/4" = 1'-0"

A-413

CONSTRUCTION DOCUMENTS

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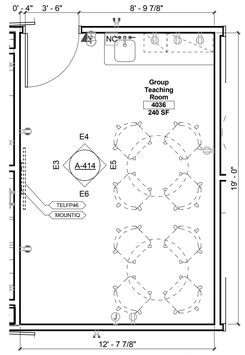
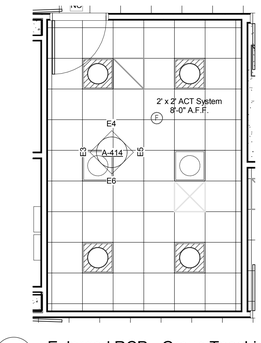
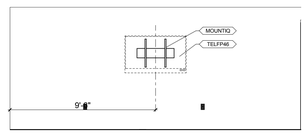
11/26/2013 3:30:02 PM



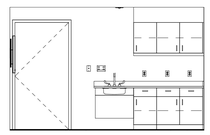
E1 Enlarged Plan - Group Teaching Room
1/4" = 1'-0"



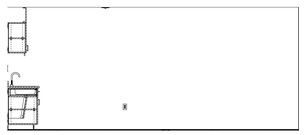
E2 Enlarged RCP - Group Teaching Room
1/4" = 1'-0"



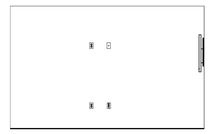
E3 Group Teaching Room - South Elevation
1/4" = 1'-0"



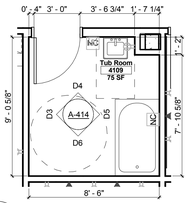
E4 Group Teaching Room - West Elevation
1/4" = 1'-0"



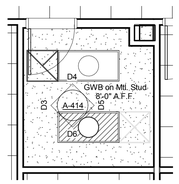
E5 Group Teaching Room - North Elevation
1/4" = 1'-0"



E6 Group Teaching Room - East Elevation
1/4" = 1'-0"

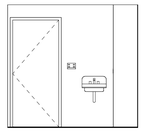


D1 Enlarged Plan - Tub Room 4109
1/4" = 1'-0"

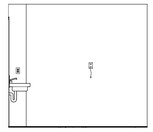


D2 Enlarged RCP - Tub Room 4109
1/4" = 1'-0"

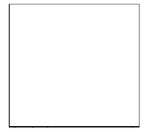
D3 Tub Room 4109 - South Elevation
1/4" = 1'-0"



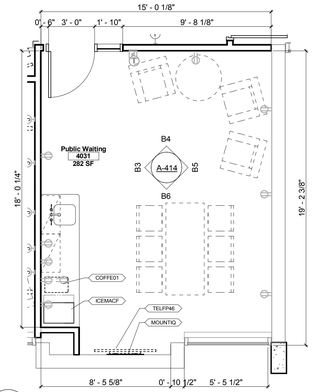
D4 Tub Room 4109 - West Elevation
1/4" = 1'-0"



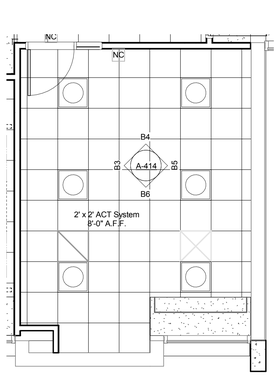
D5 Tub Room 4109 - North Elevation
1/4" = 1'-0"



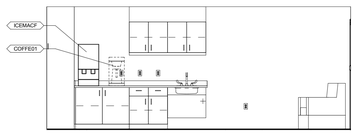
D6 Tub Room 4109 - East Elevation
1/4" = 1'-0"



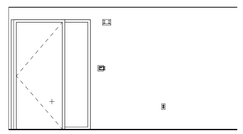
B1 Enlarged Plan - Public Waiting 4031
1/4" = 1'-0"



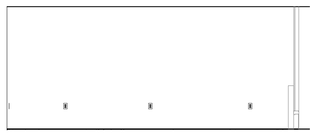
B2 Enlarged RCP - Public Waiting 4031
1/4" = 1'-0"



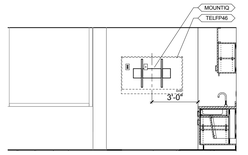
B3 Public Waiting 4031 - South Elevation
1/4" = 1'-0"



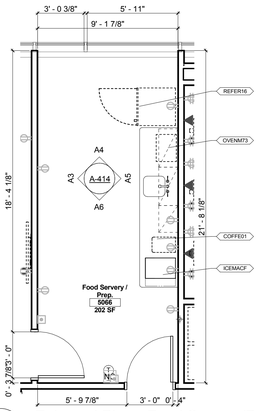
B4 Public Waiting 4031 - West Elevation
1/4" = 1'-0"



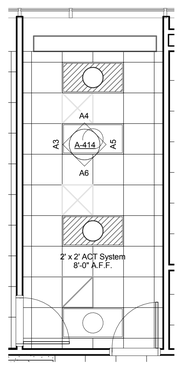
B5 Public Waiting 4031 - North Elevation
1/4" = 1'-0"



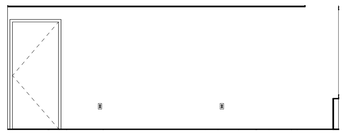
B6 Public Waiting 4031 - East Elevation
1/4" = 1'-0"



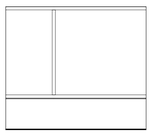
A1 Enlarged Plan - Food Servery/Prep.
1/4" = 1'-0"



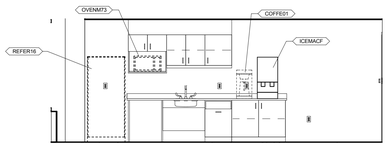
A2 Enlarged RCP - Food Servery/Prep.
1/4" = 1'-0"



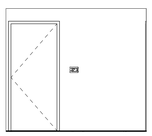
A3 Food Servery/Prep. - South Elevation
1/4" = 1'-0"



A4 Food Servery/Prep. - West Elevation
1/4" = 1'-0"



A5 Food Servery/Prep. - North Elevation
1/4" = 1'-0"



A6 Food Servery/Prep. - East Elevation
1/4" = 1'-0"

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Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	0000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L GOERTZEN
A-2047
STATE OF NEBRASKA

ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE	1/4" = 1'-0"

A-414

CONSTRUCTION DOCUMENTS

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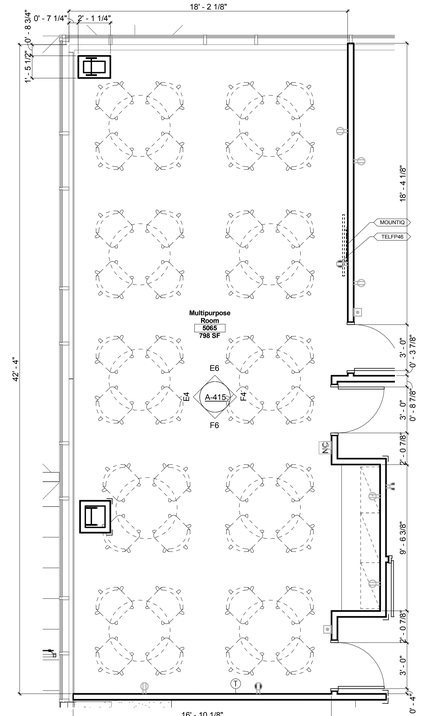
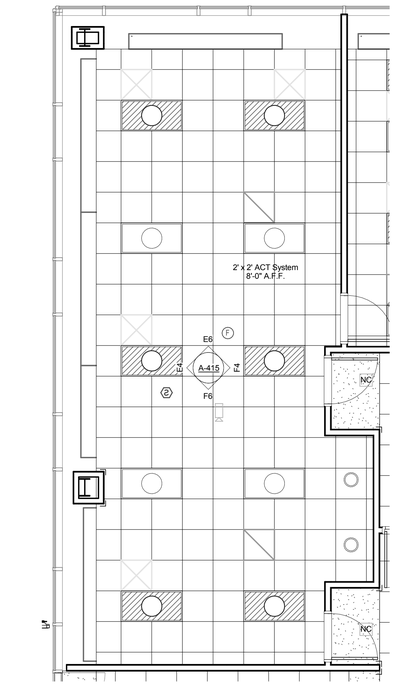
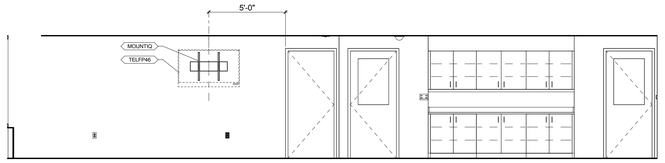


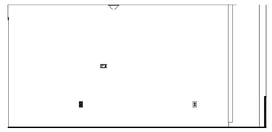
E1 Enlarged Plan - Multipurpose Room 5065
1/4" = 1'-0"



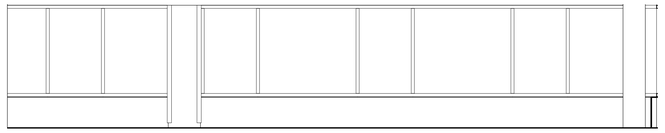
E3 Enlarged RCP - Multipurpose Room 5065
1/4" = 1'-0"



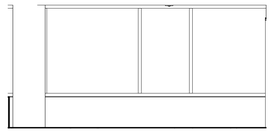
F4 Multipurpose Room 5065 - North Elevation
1/4" = 1'-0"



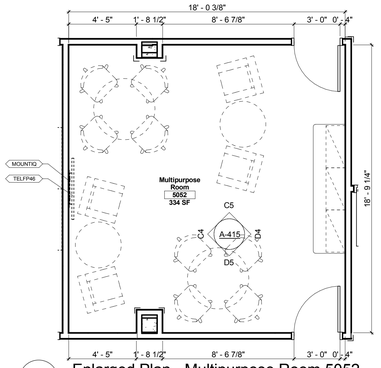
F6 Multipurpose Room 5065 - East Elevation
1/4" = 1'-0"



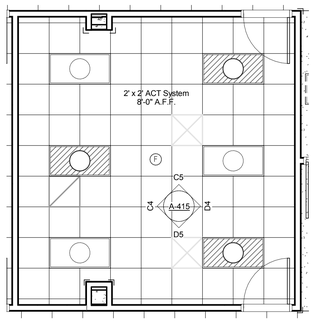
E4 Multipurpose Room 5065 - South Elevation
1/4" = 1'-0"



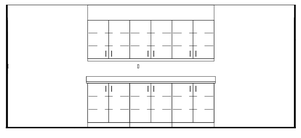
E6 Multipurpose Room 5065 - West Elevation
1/4" = 1'-0"



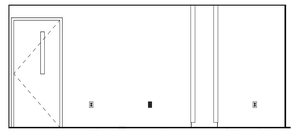
C1 Enlarged Plan - Multipurpose Room 5052
1/4" = 1'-0"



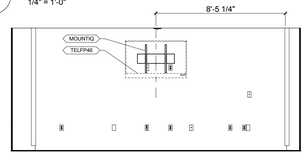
C2 Enlarged RCP - Multipurpose Room 5052
1/4" = 1'-0"



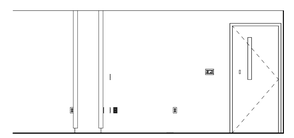
D4 Multipurpose Room 5052 - North Elevation
1/4" = 1'-0"



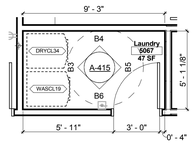
D5 Multipurpose Room 5052 - East Elevation
1/4" = 1'-0"



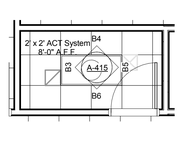
C4 Multipurpose Room 5052 - South Elevation
1/4" = 1'-0"



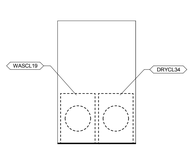
C5 Multipurpose Room 5052 - West Elevation
1/4" = 1'-0"



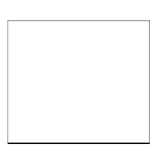
B1 Enlarged Plan - Laundry
1/4" = 1'-0"



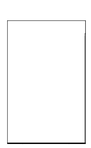
B2 Enlarged RCP - Laundry
1/4" = 1'-0"



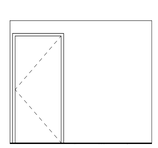
B3 Laundry - South Elevation
1/4" = 1'-0"



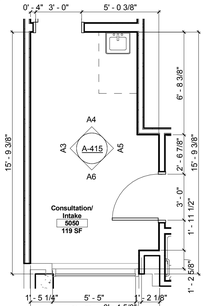
B4 Laundry - West Elevation
1/4" = 1'-0"



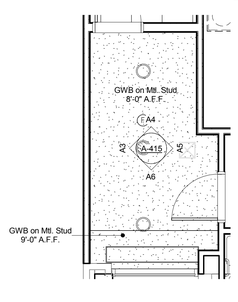
B5 Laundry - North Elevation
1/4" = 1'-0"



B6 Laundry - East Elevation
1/4" = 1'-0"



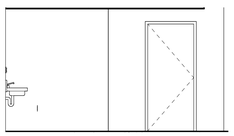
A1 Enlarged Plan - Consultation/Intake
1/4" = 1'-0"



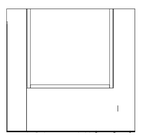
A2 Enlarged RCP - Consultation/Intake
1/4" = 1'-0"

A3 Consultation/Intake - South Elevation
1/4" = 1'-0"

A4 Consultation/Intake - West Elevation
1/4" = 1'-0"



A5 Consultation/Intake - North Elevation
1/4" = 1'-0"



A6 Consultation/Intake - East Elevation
1/4" = 1'-0"

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Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	0000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN A-2047
STATE OF NEBRASKA

ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE 1/4" = 1'-0"

A-415

CONSTRUCTION DOCUMENTS

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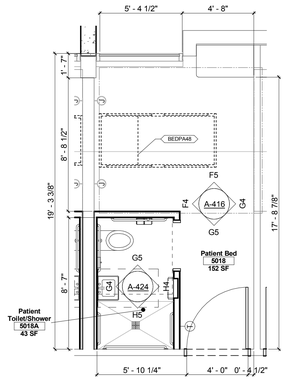
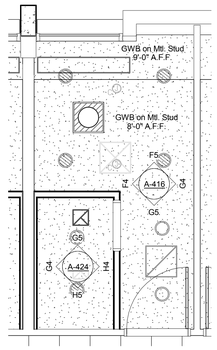
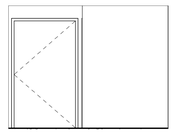


F1 Enlarged Plan - Typical Behavior Health Patient Room
1/4" = 1'-0"

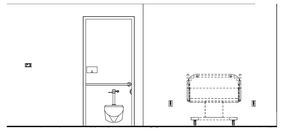


F2 Enlarged RCP - Typical Typical Behavior Health Patient Room
1/4" = 1'-0"

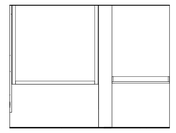
G4 Typical Patient Room - Behavioral - North Elevation
1/4" = 1'-0"



G5 Typical Patient Room - Behavioral - East Elevation
1/4" = 1'-0"

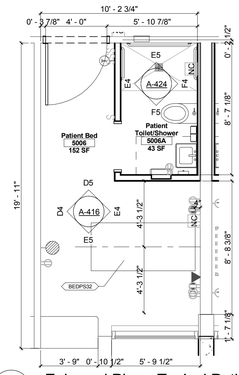


F4 Typical Patient Room - Behavioral - South Elevation
1/4" = 1'-0"

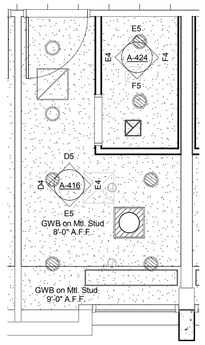


F5 Typical Patient Room - Behavioral - West Elevation
1/4" = 1'-0"

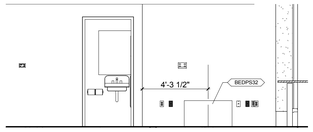
Note: Typical of Behavioral Health Patient Rooms: 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020.



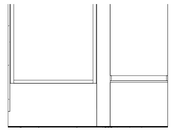
D1 Enlarged Plan - Typical Patient Bed - Twin
1/4" = 1'-0"



D2 Enlarged RCP - Typical Patient Bed - Twin
1/4" = 1'-0"

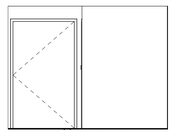


E4 Typical Patient Bed - Twin - North Elevation
1/4" = 1'-0"



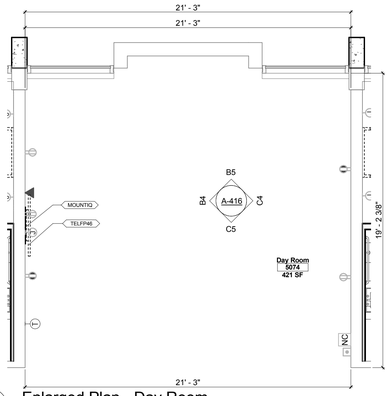
E5 Typical Patient Bed - Twin - East Elevation
1/4" = 1'-0"

D4 Typical Patient Bed - Twin - South Elevation
1/4" = 1'-0"

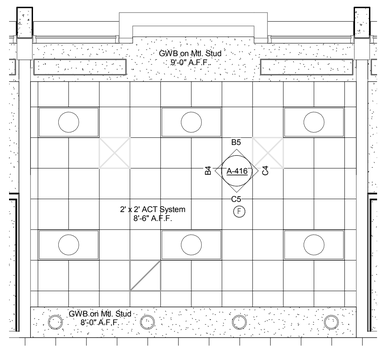


D5 Typical Patient Bed - Twin - West Elevation
1/4" = 1'-0"

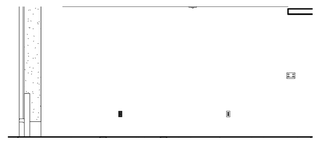
Note: Typical of Behavioral Health Patient Rooms: 5001, 5002, 5003, 5004, 5005, 5006, 5007, 5008, 5009, and 5010.



B1 Enlarged Plan - Day Room
1/4" = 1'-0"

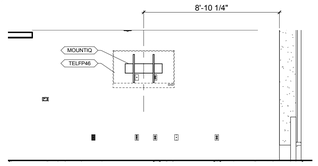


B3 Enlarged RCP - Day Room
1/4" = 1'-0"

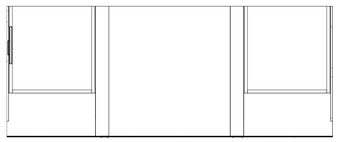


C4 Day Room - North Elevation
1/4" = 1'-0"

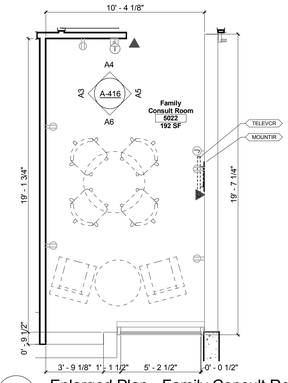
C5 Day Room - East Elevation
1/4" = 1'-0"



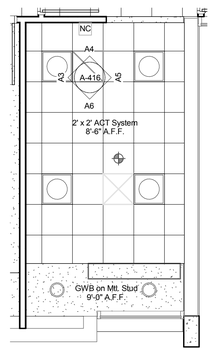
B4 Day Room - South Elevation
1/4" = 1'-0"



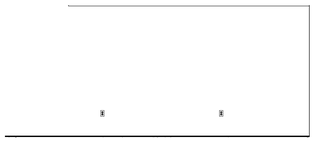
B5 Day Room - West Elevation
1/4" = 1'-0"



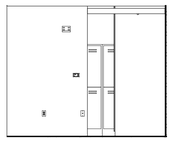
A1 Enlarged Plan - Family Consult Room
1/4" = 1'-0"



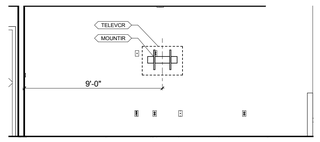
A2 Enlarged RCP - Family Consult Room
1/4" = 1'-0"



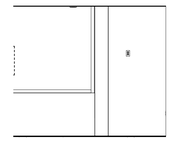
A3 Family Consult Room - South Elevation
1/4" = 1'-0"



A4 Family Consult Room - West Elevation
1/4" = 1'-0"



A5 Family Consult Room - North Elevation
1/4" = 1'-0"



A6 Family Consult Room - East Elevation
1/4" = 1'-0"

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PROJECT FOR
FAMC Fremont Area Medical Center

Fremont Area
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MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 -
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ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L GOERTZEN
A-2047
STATE OF NEBRASKA

ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE 1/4" = 1'-0"

A-416

CONSTRUCTION DOCUMENTS

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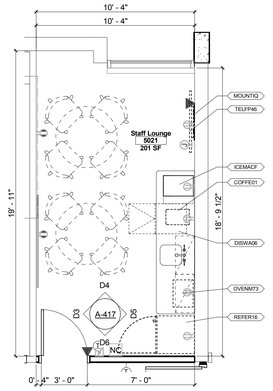
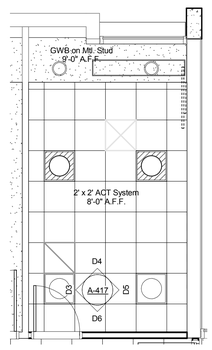
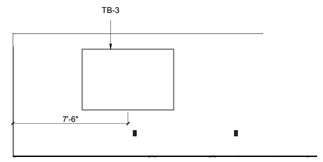


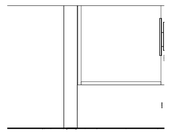
D1 Enlarged Plan - Staff Lounge 5021
1/4" = 1'-0"



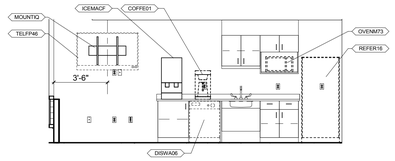
D2 Enlarged RCP - Staff Lounge 5021
1/4" = 1'-0"



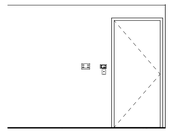
D3 Staff Lounge 5021 - South Elevation
1/4" = 1'-0"



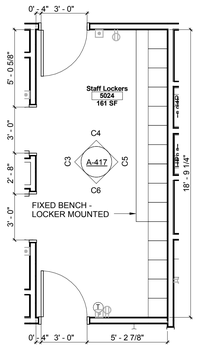
D4 Staff Lounge 5021 - West Elevation
1/4" = 1'-0"



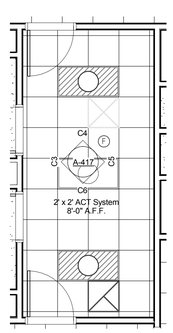
D5 Staff Lounge 5021 - North Elevation
1/4" = 1'-0"



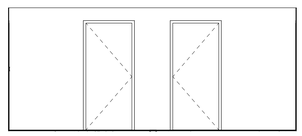
D6 Staff Lounge 5021 - East Elevation
1/4" = 1'-0"



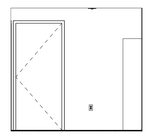
C1 Enlarged Plan - Staff Lockers 5024
1/4" = 1'-0"



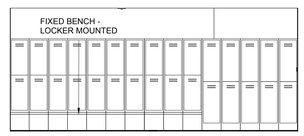
C2 Enlarged RCP - Staff Lockers - 5024
1/4" = 1'-0"



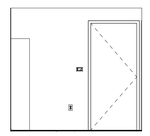
C3 Staff Lockers 5024 - South Elevation
1/4" = 1'-0"



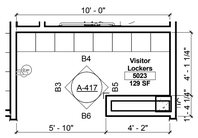
C4 Staff Lockers 5024 - West Elevation
1/4" = 1'-0"



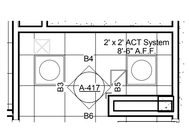
C5 Staff Lockers 5024 - North Elevation
1/4" = 1'-0"



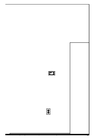
C6 Staff Lockers 5024 - East Elevation
1/4" = 1'-0"



B1 Enlarged Plan - Visitor Lockers
1/4" = 1'-0"

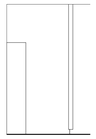


B2 Enlarged RCP - Visitor Lockers
1/4" = 1'-0"

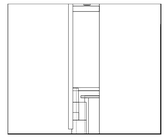


B3 Visitor Lockers - South Elevation
1/4" = 1'-0"

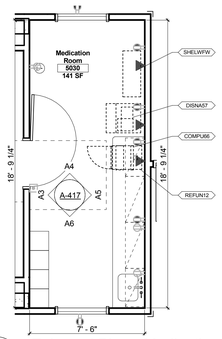
B4 Visitor Lockers - West Elevation
1/4" = 1'-0"



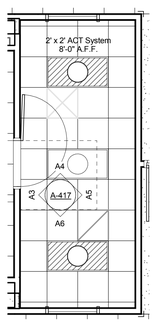
B5 Visitor Lockers - North Elevation
1/4" = 1'-0"



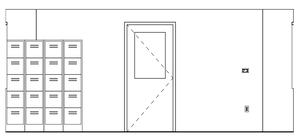
B6 Visitor Lockers - East Elevation
1/4" = 1'-0"



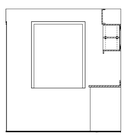
A1 Enlarged Plan - Medication Room 5030
1/4" = 1'-0"



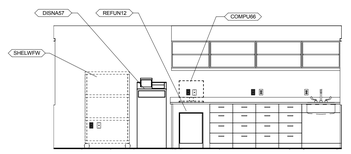
A2 Enlarged RCP - Medication Room 5030
1/4" = 1'-0"



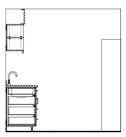
A3 Medication Room 5030 - South Elevation
1/4" = 1'-0"



A4 Medication Room 5030 - West Elevation
1/4" = 1'-0"



A5 Medication Room 5030 - North Elevation
1/4" = 1'-0"



A6 Medication Room 5030 - East Elevation
1/4" = 1'-0"

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DRAWN BY	Author

ARCHITECT
MICHAEL L GOERTZEN
A-2047
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ENLARGED PLANS
AND INTERIOR
ELEVATIONS

SCALE 1/4" = 1'-0"

A-417

CONSTRUCTION DOCUMENTS

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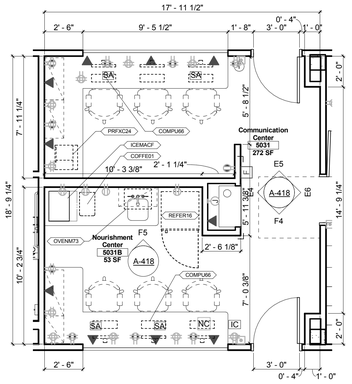
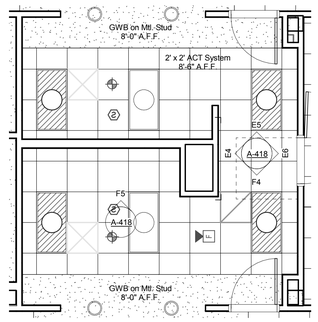
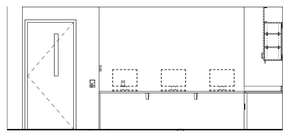


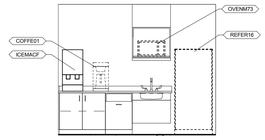
E1 Enlarged Plan - Communication Center 5031 and Support
1/4" = 1'-0"



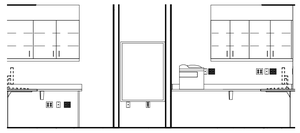
E2 Enlarged RCP - Communication Center 5031 and Support
1/4" = 1'-0"



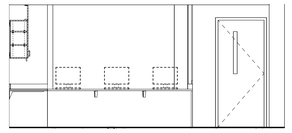
F4 Communication Center 5031 - East Elevation
1/4" = 1'-0"



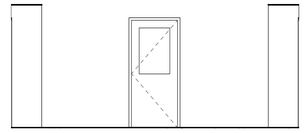
F5 Nourishment Center 5031B - West Elevation
1/4" = 1'-0"



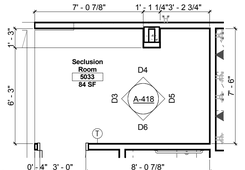
E4 Communication Center 5031 - South Elevation
1/4" = 1'-0"



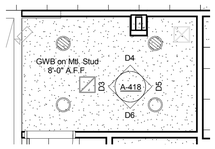
E5 Communication Center 5031 - West Elevation
1/4" = 1'-0"



E6 Communication Center 5031 - North Elevation
1/4" = 1'-0"

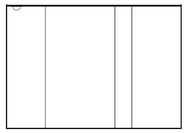


D1 Enlarged Plan - Seclusion Room
1/4" = 1'-0"

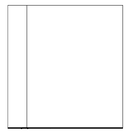


D2 Enlarged RCP - Seclusion Room
1/4" = 1'-0"

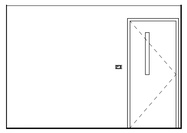
D3 Seclusion Room -South Elevation
1/4" = 1'-0"



D4 Seclusion Room -West Elevation
1/4" = 1'-0"



D5 Seclusion Room -North Elevation
1/4" = 1'-0"



D6 Seclusion Room -East Elevation
1/4" = 1'-0"

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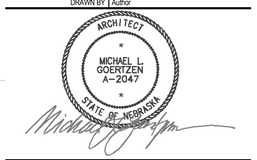
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author



ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE 1/4" = 1'-0"

A-418

CONSTRUCTION DOCUMENTS

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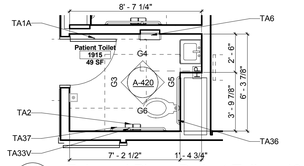
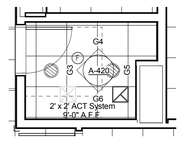
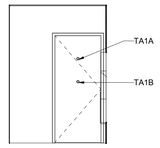


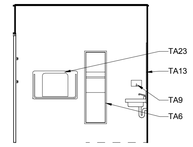
G1 Enlarged Plan - Patient Toilet - 1915
1/4" = 1'-0"



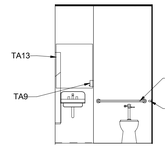
G2 Enlarged RCP - Patient Toilet - 1915
1/4" = 1'-0"



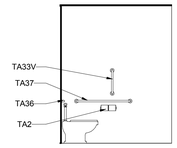
G3 Patient Toilet 1915 - South Elevation
1/4" = 1'-0"



G4 Patient Toilet 1915 - West Elevation
1/4" = 1'-0"

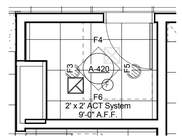


G5 Patient Toilet 1915 - North Elevation
1/4" = 1'-0"

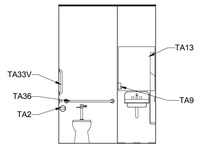


G6 Patient Toilet 1915 - East Elevation
1/4" = 1'-0"

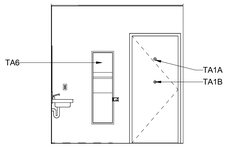
F1 Enlarged Plan - Patient Toilet - 1916
1/4" = 1'-0"



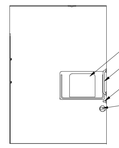
F2 Enlarged RCP - Patient Toilet - 1916
1/4" = 1'-0"



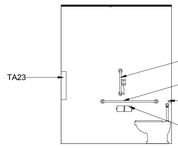
F3 Patient Toilet 1916 - South Elevation
1/4" = 1'-0"



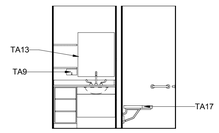
F4 Patient Toilet 1916 - West Elevation
1/4" = 1'-0"



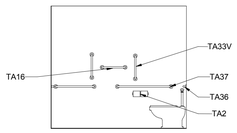
F5 Patient Toilet 1916 - North Elevation
1/4" = 1'-0"



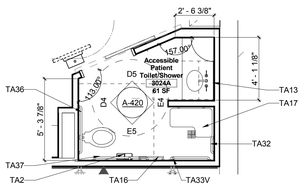
F6 Patient Toilet 1916 - East Elevation
1/4" = 1'-0"



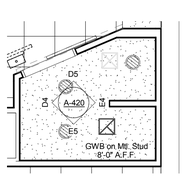
E4 Accessible Patient Toilet/Shower ICU 3024A - North Elevation
1/4" = 1'-0"



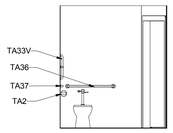
E5 Accessible Patient Toilet/Shower ICU 3024A - East Elevation
1/4" = 1'-0"



D1 Enlarged Plan - Accessible Patient Toilet/Shower ICU 3024A
1/4" = 1'-0"



D2 Enlarged RCP - Accessible Patient Toilet/Shower ICU 3024A
1/4" = 1'-0"



D4 Accessible Patient Toilet/Shower ICU 3024A - South Elevation
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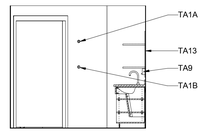
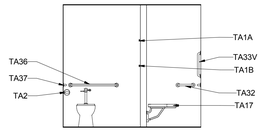
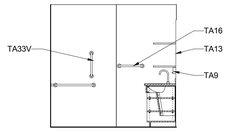


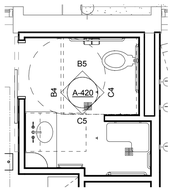
D5 Accessible Patient Toilet/Shower ICU 3024A - West Elevation
1/4" = 1'-0"



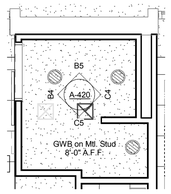
C4 Accessible Pat Toilet/Shower M/T/P 3026A - North Elevation
1/4" = 1'-0"



C5 Accessible Pat Toilet/Shower M/T/P 3026A - East Elevation
1/4" = 1'-0"



B1 Enlarged Plan - Accessible Pat Toilet/Shower M/T/P 3026A
1/4" = 1'-0"



B2 Enlarged RCP - Accessible Pat Toilet/Shower M/T/P 3026A
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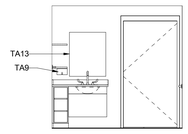
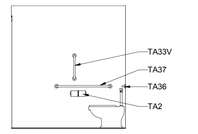
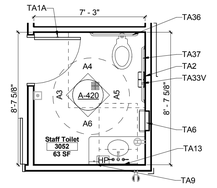


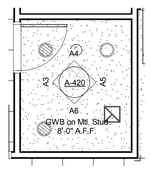
B4 Accessible Pat Toilet/Shower M/T/P 3026A - South Elevation
1/4" = 1'-0"



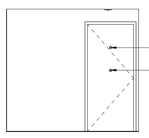
B5 Accessible Pat Toilet/Shower M/T/P 3026A - West Elevation
1/4" = 1'-0"



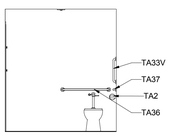
A1 Enlarged Plan - Typical Staff Toilet
1/4" = 1'-0"



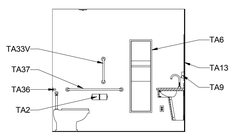
A2 Enlarged RCP - Typical Staff Toilet
1/4" = 1'-0"



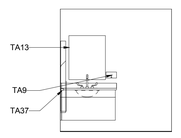
A3 Typical Staff Toilet - South Elevation
1/4" = 1'-0"



A4 Typical Staff Toilet - West Elevation
1/4" = 1'-0"



A5 Typical Staff Toilet - North Elevation
1/4" = 1'-0"



A6 Typical Staff Toilet - East Elevation
1/4" = 1'-0"

Note: Typical of Staff Toilet 3052 and 3053.

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Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1
	PROJECT NUMBER	000000000197729
	ORIGINAL ISSUE	11/05/13 -
	PROJECT MANAGER	Mike Goertzen
	PROJECT DESIGNER	Brian Zabloudil
	PROJECT ARCHITECT	Jeff Bahr
	LANDSCAPE ARCHITECT	Brad Swerczek
	CIVIL ENGINEER	-
	STRUCTURAL ENGINEER	Doug Sholl
	MECHANICAL ENGINEER	Todd Kubicek
	ELECTRICAL ENGINEER	Kris Burnham
	INTERIOR DESIGNER	Jill McFee
	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Dwayne Meyer

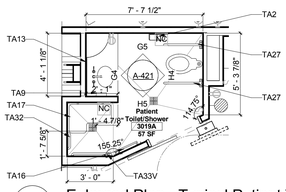
ARCHITECT
MICHAEL L GOERTZEN
A-2047
STATE OF NEBRASKA

ENLARGED PLANS
AND INTERIOR
ELEVATIONS

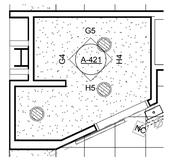
SCALE 1/4" = 1'-0"

A-420

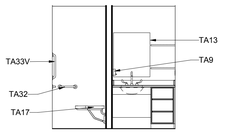
CONSTRUCTION DOCUMENTS



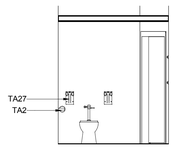
G1 Enlarged Plan - Typical Patient Toilet/Shower ICU
1/4" = 1'-0"



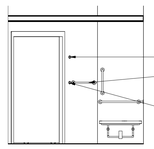
G2 Enlarged RCP - Typical Patient Toilet/Shower ICU
1/4" = 1'-0"



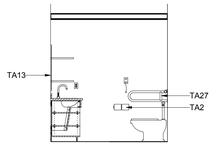
G4 Typical Patient Toilet/Shower ICU - South Elevation
1/4" = 1'-0"



H4 Typical Patient Toilet/Shower ICU - North Elevation
1/4" = 1'-0"

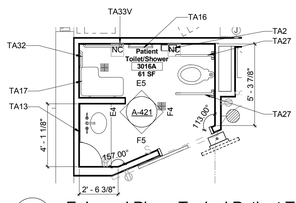


H5 Typical Patient Toilet/Shower ICU - East Elevation
1/4" = 1'-0"

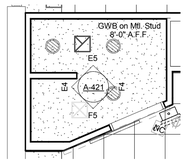


G5 Typical Patient Toilet/Shower ICU - West Elevation
1/4" = 1'-0"

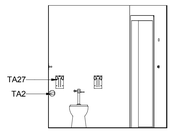
Note: Typical of Patient Toilet/Shower in ICU rooms 3019A, 3020A, 3021A, 3022A, 3023A, and 3025A.



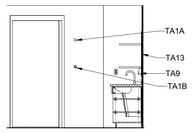
E1 Enlarged Plan - Typical Patient Toilet/Shower M/T
1/4" = 1'-0"



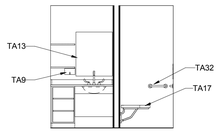
E2 Enlarged RCP - Typical Patient Toilet/Shower M/T
1/4" = 1'-0"



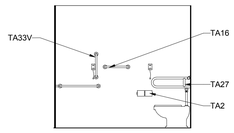
F4 Typical Patient Toilet/Shower M/T - North Elevation
1/4" = 1'-0"



F5 Typical Patient Toilet/Shower M/T - East Elevation
1/4" = 1'-0"

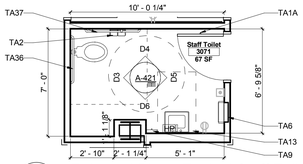


E4 Typical Patient Toilet/Shower M/T - South Elevation
1/4" = 1'-0"

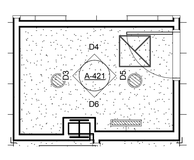


E5 Typical Patient Toilet/Shower M/T - West Elevation
1/4" = 1'-0"

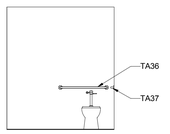
Note: Typical of Patient Toilet/Shower in Medical/Telemetry rooms 3007A, 3008A, 3009A, 3010A, 3011A, 3012A, 3013A, 3014A, 3015A, and 3016A and Post-Surgical Rooms 4008A, 4009A, 4010A, 4011A, 4012A, 4013A, 4014A, 4015A, 4016A, and 4017A.



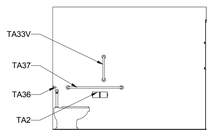
D1 Enlarged Plan - Typical Staff Toilet 2
1/4" = 1'-0"



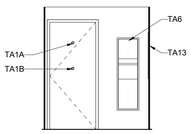
D2 Enlarged RCP - Typical Staff Toilet 2
1/4" = 1'-0"



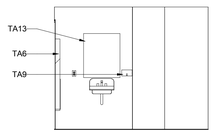
D3 Typical Staff Toilet 2 - South Elevation
1/4" = 1'-0"



D4 Typical Staff Toilet 2 - West Elevation
1/4" = 1'-0"

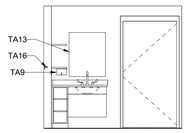


D5 Typical Staff Toilet 2 - North Elevation
1/4" = 1'-0"



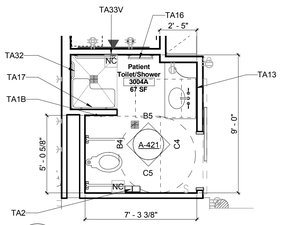
D6 Typical Staff Toilet 2 - East Elevation
1/4" = 1'-0"

Note: Typical of Staff Toilet 3071 and 4069.

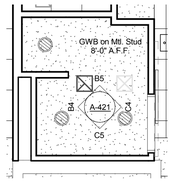


C4 Typical Patient Toilet/Shower M/T 2 - North Elevation
1/4" = 1'-0"

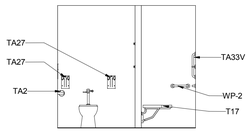
C5 Typical Patient Toilet/Shower M/T 2 - East Elevation
1/4" = 1'-0"



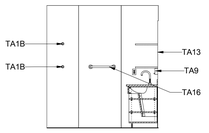
B1 Enlarged Plan - Typical Patient Toilet/Shower M/T 2
1/4" = 1'-0"



B2 Enlarged RCP - Typical Patient Toilet/Shower M/T 2
1/4" = 1'-0"



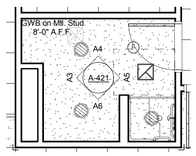
B4 Typical Patient Toilet/Shower M/T 2 - South Elevation
1/4" = 1'-0"



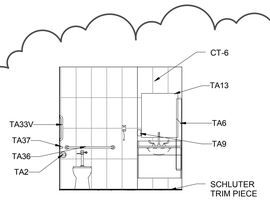
B5 Typical Patient Toilet/Shower M/T 2 - West Elevation
1/4" = 1'-0"

Note: Typical of Patient Toilet/Shower in Medical/Telemetry rooms 3001A, 3002A, 3003A, 3004A, 3005A, 3006A, 3027A, 3028A, 3029A, 3030A, 3031A, and 3032A.

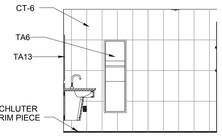
A1 Enlarged Plan - Toilet/Shower 4093
1/4" = 1'-0"



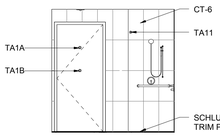
A2 Enlarged RCP - Toilet/Shower 4093
1/4" = 1'-0"



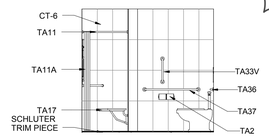
A3 Toilet/Shower 4093 - South Elevation
1/4" = 1'-0"



A4 Toilet/Shower 4093 - West Elevation
1/4" = 1'-0"



A5 Toilet/Shower 4093 - North Elevation
1/4" = 1'-0"



A6 Toilet/Shower 4093 - East Elevation
1/4" = 1'-0"

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PROJECT FOR
FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1
	PROJECT NUMBER	000000000197729
	ORIGINAL ISSUE	11/05/13 -
	PROJECT MANAGER	Mike Goertzen
	PROJECT DESIGNER	Brian Zabloudil
	PROJECT ARCHITECT	Jeff Bahr
	LANDSCAPE ARCHITECT	Brad Swerczek
	CIVIL ENGINEER	-
	STRUCTURAL ENGINEER	Doug Sholl
	MECHANICAL ENGINEER	Todd Kubicek
	ELECTRICAL ENGINEER	Kris Burnham
	INTERIOR DESIGNER	Jill McFee
	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

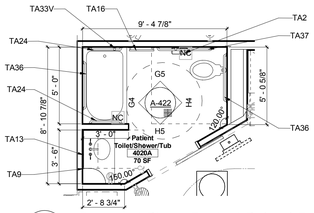
ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE 1/4" = 1'-0"

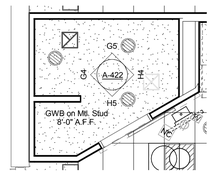
A-421

CONSTRUCTION DOCUMENTS

C:\rvt\197729A-CENTRAL_bzabloud.rvt
11/26/2013 9:18:06 PM

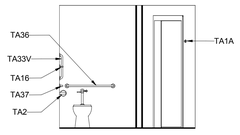


G1 Enlarged Plan - Typical Patient Toilet/Shower/Tub LDRP
1/4" = 1'-0"

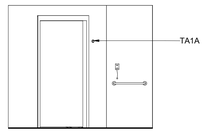


G2 Enlarged RCP - Typical Patient Toilet/Shower/Tub LDRP
1/4" = 1'-0"

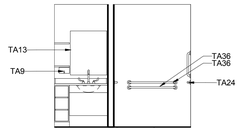
Note: Typical of Patient Toilet/Shower/Tub in LDRP rooms 4018A, 4019A, 4020A, 4021A and 4022A.



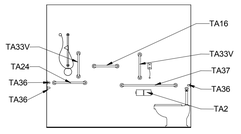
H4 Typical Patient Toilet/Shower/Tub LDRP -North Elevation
1/4" = 1'-0"



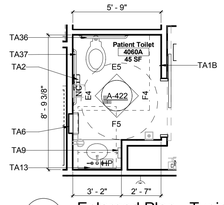
H5 Typical Patient Toilet/Shower/Tub LDRP - East Elevation
1/4" = 1'-0"



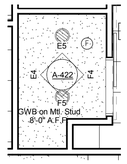
G4 Typical Patient Toilet/Shower/Tub LDRP - South Elevation
1/4" = 1'-0"



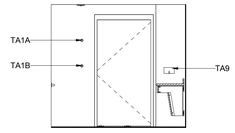
G5 Typical Patient Toilet/Shower/Tub LDRP - West Elevation
1/4" = 1'-0"



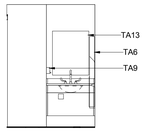
E1 Enlarged Plan - Typical Patient Toilet Triage/Prep.
1/4" = 1'-0"



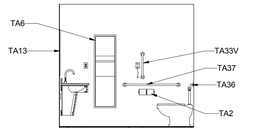
E2 Enlarged RCP - Typical Patient Toilet Triage/Prep.
1/4" = 1'-0"



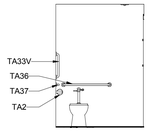
F4 Typical Patient Toilet Triage/Prep. - North Elevation
1/4" = 1'-0"



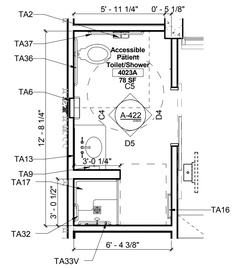
F5 Typical Patient Toilet Triage/Prep. - East Elevation
1/4" = 1'-0"



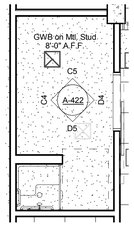
E4 Typical Patient Toilet Triage/Prep. - South Elevation
1/4" = 1'-0"



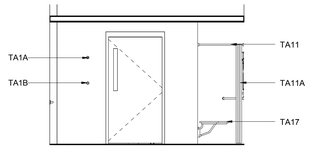
E5 Typical Patient Toilet Triage/Prep. - West Elevation
1/4" = 1'-0"



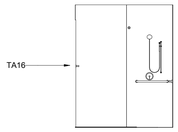
C1 Enlarged Plan - Accessible Patient Toilet/Shower 4023A
1/4" = 1'-0"



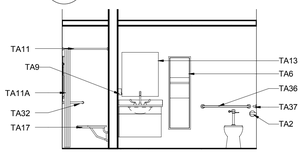
C2 Enlarged RCP - Accessible Patient Toilet/Shower 4023A
1/4" = 1'-0"



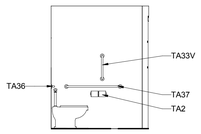
D4 Accessible Patient Toilet/Shower 4023A - North Elevation
1/4" = 1'-0"



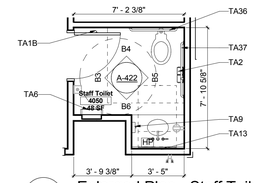
D5 Accessible Patient Toilet/Shower 4023A - East Elevation
1/4" = 1'-0"



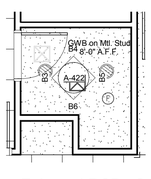
C4 Accessible Patient Toilet/Shower 4023A - South Elevation
1/4" = 1'-0"



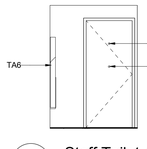
C5 Accessible Patient Toilet/Shower 4023A - West Elevation
1/4" = 1'-0"



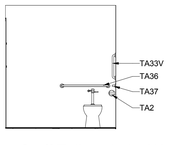
B1 Enlarged Plan - Staff Toilet 4050
1/4" = 1'-0"



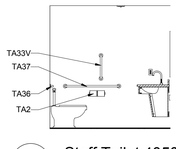
B2 Enlarged RCP - Staff Toilet 4050
1/4" = 1'-0"



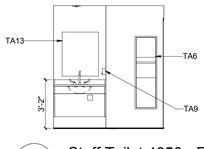
B3 Staff Toilet 4050 - South Elevation
1/4" = 1'-0"



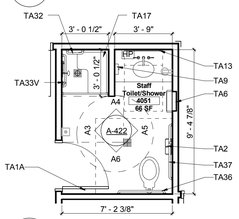
B4 Staff Toilet 4050 - West Elevation
1/4" = 1'-0"



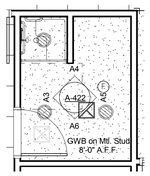
B5 Staff Toilet 4050 - North Elevation
1/4" = 1'-0"



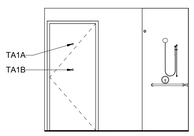
B6 Staff Toilet 4050 - East Elevation
1/4" = 1'-0"



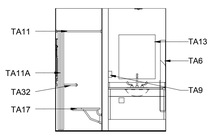
A1 Enlarged Plan - Staff Toilet/Shower 4051
1/4" = 1'-0"



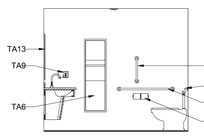
A2 Enlarged RCP - Staff Toilet/Shower 4051
1/4" = 1'-0"



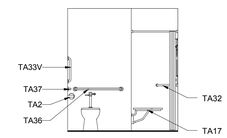
A3 Staff Toilet/Shower 4051 - South Elevation
1/4" = 1'-0"



A4 Staff Toilet/Shower 4051 - West Elevation
1/4" = 1'-0"



A5 Staff Toilet/Shower 4051 - North Elevation
1/4" = 1'-0"



A6 Staff Toilet/Shower 4051 - East Elevation
1/4" = 1'-0"

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MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1
	PROJECT NUMBER	000000000197729
	ORIGINAL ISSUE	11/05/13 -
	PROJECT MANAGER	Mike Goertzen
	PROJECT DESIGNER	Brian Zabloudil
	PROJECT ARCHITECT	Jeff Bahr
	LANDSCAPE ARCHITECT	Brad Swerczek
	CIVIL ENGINEER	-
	STRUCTURAL ENGINEER	Doug Sholl
	MECHANICAL ENGINEER	Todd Kubicek
	ELECTRICAL ENGINEER	Kris Burnham
	INTERIOR DESIGNER	Jill McFee
	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Author

ARCHITECT
MICHAEL L GOERTZEN A-2047
STATE OF NEBRASKA

ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE 1/4" = 1'-0"

A-422

CONSTRUCTION DOCUMENTS

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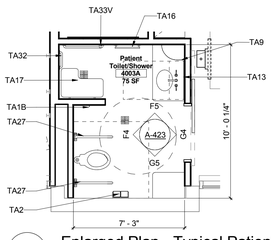
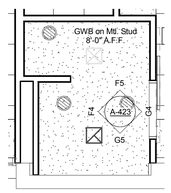
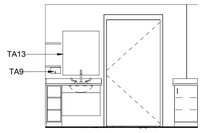


F1 Enlarged Plan - Typical Patient Toilet/Shower Post-Surg
1/4" = 1'-0"

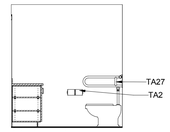


F2 Enlarged RCP - Typical Patient Toilet/Shower Post-Surg
1/4" = 1'-0"

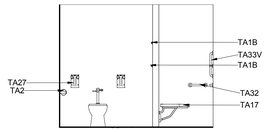
Note: Typical of Patient Toilet/Shower in Post-Surg rooms 4001A, 4002A, 4003A, 4004A, 4005A, 4006A, 4024A, 4025A, 4026A, 4027A, 4028A, and 4029A.



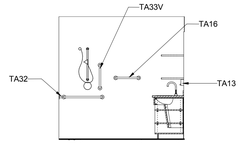
G4 Typical Patient Toilet/Shower Post-Surg - North Elevation
1/4" = 1'-0"



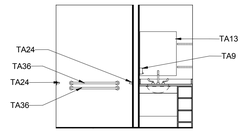
G5 Typical Patient Toilet/Shower Post-Surg - East Elevation
1/4" = 1'-0"



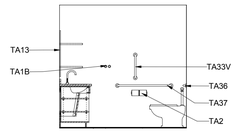
F4 Typical Patient Toilet/Shower Post-Surg - South Elevation
1/4" = 1'-0"



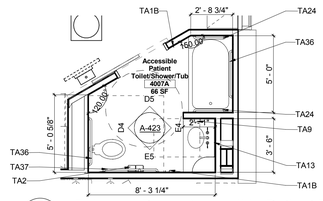
F5 Typical Patient Toilet/Shower Post-Surg - West Elevation
1/4" = 1'-0"



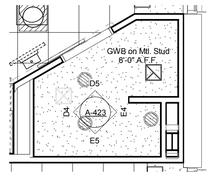
E4 Accessible Patient Toilet/Shower/Tub LDRP 4007A - North Elevation
1/4" = 1'-0"



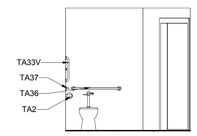
E5 Accessible Patient Toilet/Shower/Tub LDRP 4007A - East Elevation
1/4" = 1'-0"



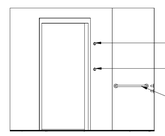
D1 Enlarged Plan - Accessible Patient Toilet/Shower/Tub LDRP 4007A
1/4" = 1'-0"



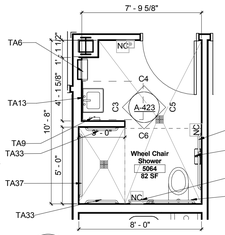
D2 Enlarged RCP - Accessible Patient Toilet/Shower/Tub LDRP 4007A
1/4" = 1'-0"



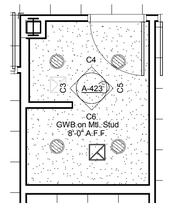
D4 Accessible Patient Toilet/Shower/Tub LDRP 4007A - South Elevation
1/4" = 1'-0"



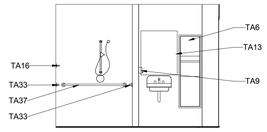
D5 Accessible Patient Toilet/Shower/Tub LDRP 4007A - West Elevation
1/4" = 1'-0"



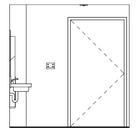
C1 Enlarged Plan - Wheel Chair Shower 5064
1/4" = 1'-0"



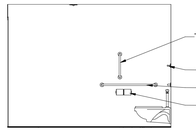
C2 Enlarged RCP - Wheel Chair Shower 5064
1/4" = 1'-0"



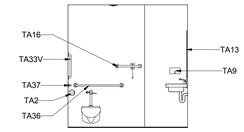
C3 Wheel Chair Shower 5064 - South Elevation
1/4" = 1'-0"



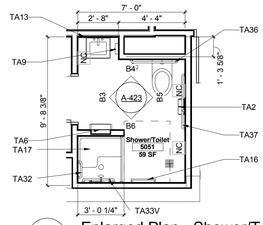
C4 Wheel Chair Shower 5064 - West Elevation
1/4" = 1'-0"



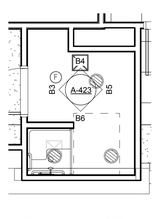
C5 Wheel Chair Shower 5064 - North Elevation
1/4" = 1'-0"



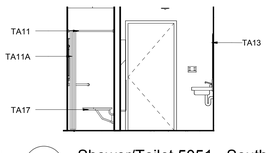
C6 Wheel Chair Shower 5064 - East Elevation
1/4" = 1'-0"



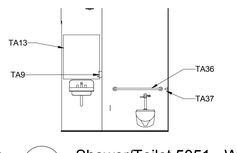
B1 Enlarged Plan - Shower/Toilet 5051
1/4" = 1'-0"



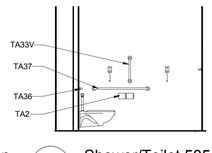
B2 Enlarged RCP - Shower/Toilet 5051
1/4" = 1'-0"



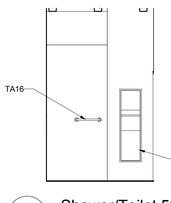
B3 Shower/Toilet 5051 - South Elevation
1/4" = 1'-0"



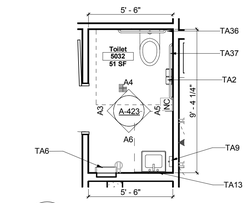
B4 Shower/Toilet 5051 - West Elevation
1/4" = 1'-0"



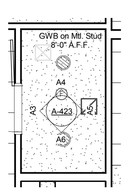
B5 Shower/Toilet 5051 - North Elevation
1/4" = 1'-0"



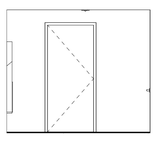
B6 Shower/Toilet 5051 - East Elevation
1/4" = 1'-0"



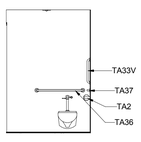
A1 Enlarged Plan - Toilet 5032
1/4" = 1'-0"



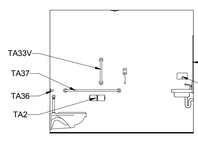
A2 Enlarged RCP - Toilet 5032
1/4" = 1'-0"



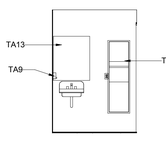
A3 Toilet 5032 - South Elevation
1/4" = 1'-0"



A4 Toilet 5032 - West Elevation
1/4" = 1'-0"



A5 Toilet 5032 - North Elevation
1/4" = 1'-0"



A6 Toilet 5032 - East Elevation
1/4" = 1'-0"

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HDR
HDR ARCHITECTURE INC.
8404 Indian Hills Drive | Omaha, NE 68114 | 402.399.1100
SES SPECIALIZED ENGINEERING SOLUTIONS
10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
www.specializedeng.com
Sampson Construction

PROJECT FOR
FAMC Fremont Area Medical Center

Fremont Area Medical Center

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FREMONT, NE

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DRAWN BY	Author

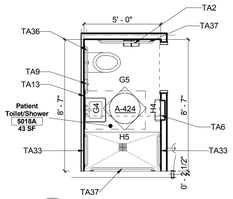
ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

ENLARGED PLANS AND INTERIOR ELEVATIONS

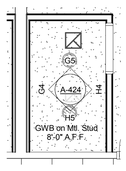
SCALE 1/4" = 1'-0"

A-423

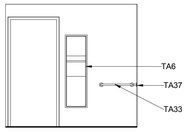
CONSTRUCTION DOCUMENTS



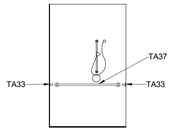
G1 Enlarged Plan - Typical Patient Toilet/Shower Pat Bed 1
1/4" = 1'-0"



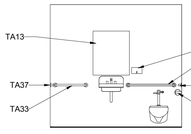
G2 Enlarged RCP - Typical Patient Toilet/Shower Pat Bed 1
1/4" = 1'-0"



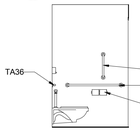
H4 Typical Patient Toilet/Shower Pat Bed 1 - North Elevation
1/4" = 1'-0"



H5 Typical Patient Toilet/Shower Pat Bed 1 - East Elevation
1/4" = 1'-0"

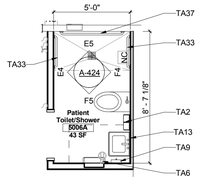


G4 Typical Patient Toilet/Shower Pat Bed 1 - South Elevation
1/4" = 1'-0"

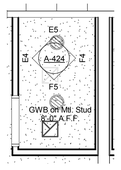


G5 Typical Patient Toilet/Shower Pat Bed 1 - West Elevation
1/4" = 1'-0"

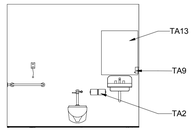
Note: Typical of Patient Toilet/Shower in Behavioral Health patient rooms 5011A, 5012A, 5013A, 5014A, 5015A, 5016A, 5017A, 5018A, 5019A, and 5020A.



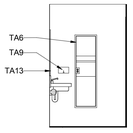
E1 Enlarged Plan - Typical Patient Toilet/Shower Pat Bed 2
1/4" = 1'-0"



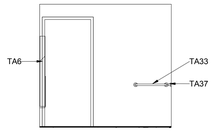
E2 Enlarged RCP - Typical Patient Toilet/Shower Pat Bed 2
1/4" = 1'-0"



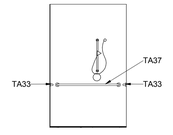
F4 Typical Patient Toilet/Shower Pat Bed 2 - North Elevation
1/4" = 1'-0"



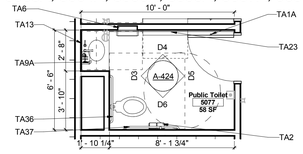
F5 Typical Patient Toilet/Shower Pat Bed 2 - East Elevation
1/4" = 1'-0"



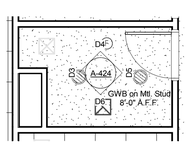
E4 Typical Patient Toilet/Shower Pat Bed 2 - South Elevation
1/4" = 1'-0"



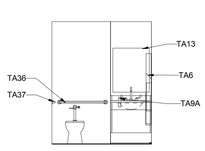
E5 Typical Patient Toilet/Shower Pat Bed 2 - West Elevation
1/4" = 1'-0"



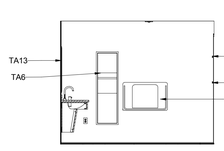
D1 Enlarged Plan - Typical Public Toilet
1/4" = 1'-0"



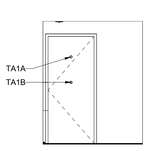
D2 Enlarged RCP - Typical Public Toilet
1/4" = 1'-0"



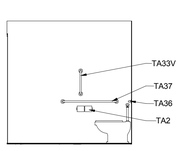
D3 Typical Public Toilet - South Elevation
1/4" = 1'-0"



D4 Typical Public Toilet - West Elevation
1/4" = 1'-0"

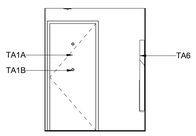


D5 Typical Public Toilet - North Elevation
1/4" = 1'-0"

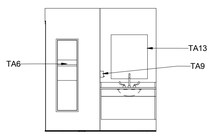


D6 Typical Public Toilet - East Elevation
1/4" = 1'-0"

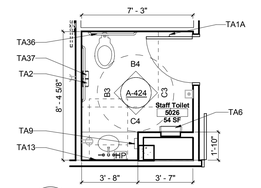
Note: Typical of Public Toilet rooms 5076 and 5077.



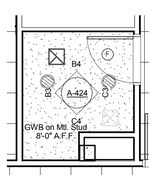
C3 Typical Staff Toilet 5th Floor - North Elevation
1/4" = 1'-0"



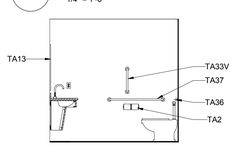
C4 Typical Staff Toilet 5th Floor - East Elevation
1/4" = 1'-0"



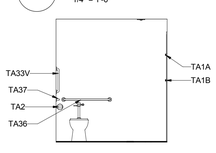
B1 Enlarged Plan - Typical Staff Toilet 5th Floor
1/4" = 1'-0"



B2 Enlarged RCP - Typical Staff Toilet 5th Floor
1/4" = 1'-0"

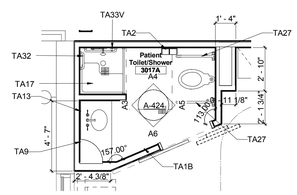


B3 Typical Staff Toilet 5th Floor - South Elevation
1/4" = 1'-0"

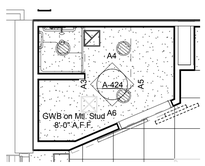


B4 Typical Staff Toilet 5th Floor - West Elevation
1/4" = 1'-0"

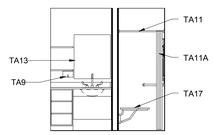
Note: Typical of Staff Toilet rooms 5025 and 5026.



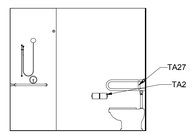
A1 Enlarged Plan - Patient Toilet/Shower 3017A
1/4" = 1'-0"



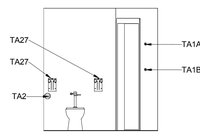
A2 Enlarged RCP - Patient Toilet/Shower 3017A
1/4" = 1'-0"



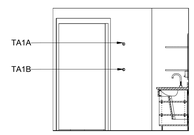
A3 Patient Toilet/Shower - South Elevation
1/4" = 1'-0"



A4 Patient Toilet/Shower - West Elevation
1/4" = 1'-0"



A5 Patient Toilet/Shower - North Elevation
1/4" = 1'-0"



A6 Patient Toilet/Shower -East Elevation
1/4" = 1'-0"

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PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	0000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT * MICHAEL L. GOERTZEN A-2047 * STATE OF NEBRASKA

ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE 1/4" = 1'-0"

A-424

CONSTRUCTION DOCUMENTS

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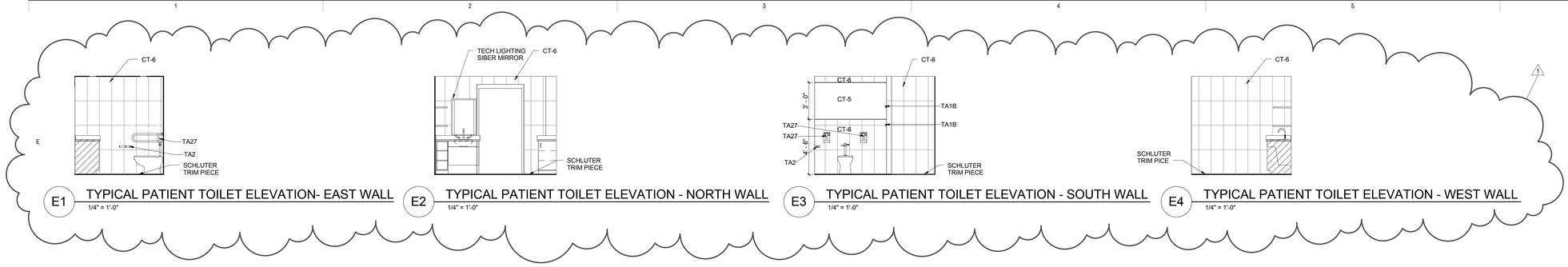
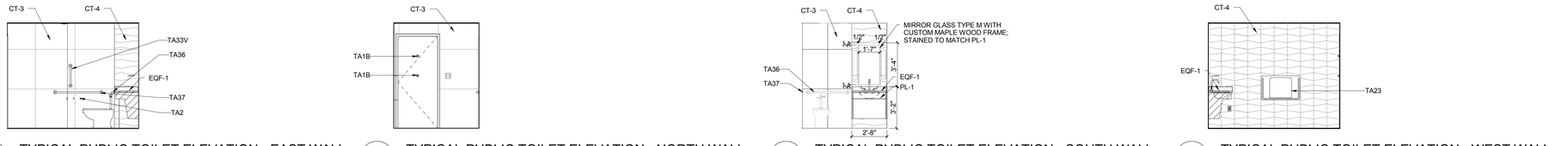


E1 TYPICAL PATIENT TOILET ELEVATION- EAST WALL
1/4" = 1'-0"

E2 TYPICAL PATIENT TOILET ELEVATION - NORTH WALL
1/4" = 1'-0"

E3 TYPICAL PATIENT TOILET ELEVATION - SOUTH WALL
1/4" = 1'-0"

E4 TYPICAL PATIENT TOILET ELEVATION - WEST WALL
1/4" = 1'-0"

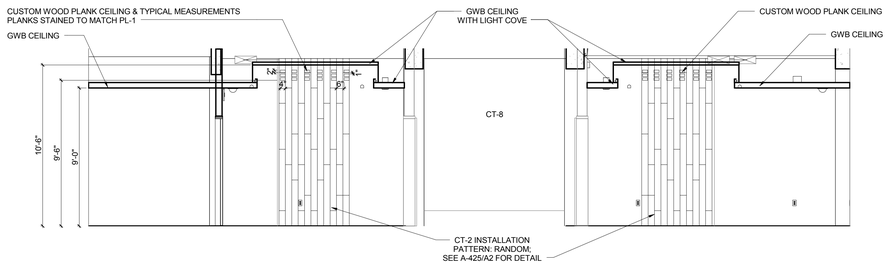


D1 TYPICAL PUBLIC TOILET ELEVATION - EAST WALL
1/4" = 1'-0"

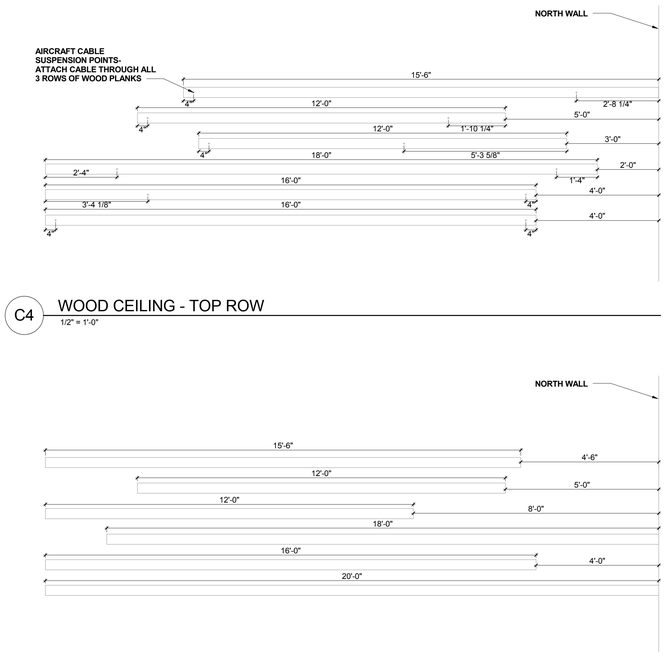
D2 TYPICAL PUBLIC TOILET ELEVATION - NORTH WALL
1/4" = 1'-0"

D3 TYPICAL PUBLIC TOILET ELEVATION - SOUTH WALL
1/4" = 1'-0"

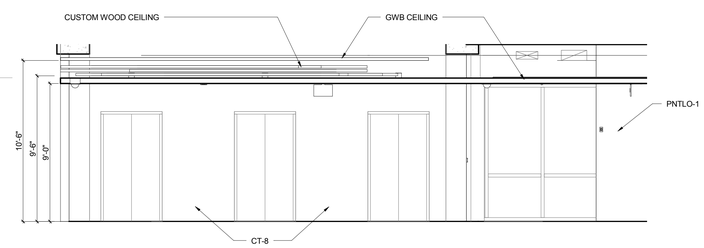
D4 TYPICAL PUBLIC TOILET ELEVATION - WEST WALL
1/4" = 1'-0"



C1 TYPICAL PUBLIC ELEVATOR LOBBY ELEVATION - NORTH WALL
1/4" = 1'-0"

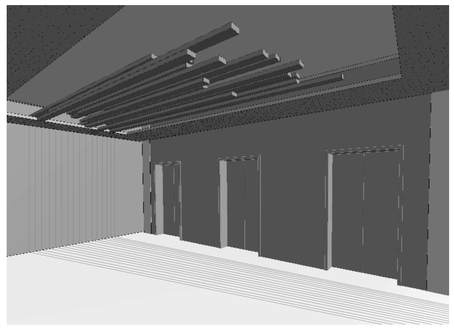


C4 WOOD CEILING - TOP ROW
1/2" = 1'-0"

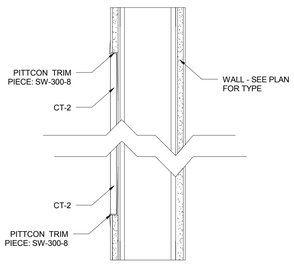


B1 TYPICAL PUBLIC ELEVATOR LOBBY ELEVATION - EAST WALL
1/4" = 1'-0"

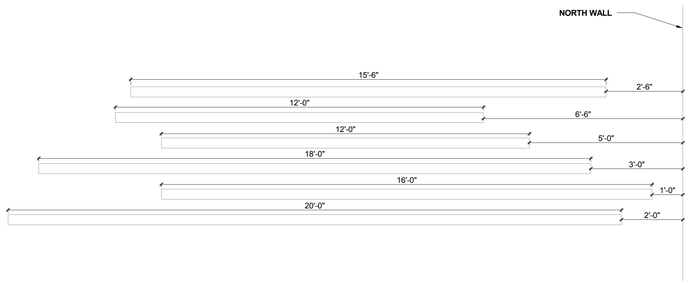
B4 WOOD CEILING - MIDDLE ROW
1/2" = 1'-0"



A1 3D VIEW OF CUSTOM ELEVATOR LOBBY CEILING
NO SCALE



A2 ELEV LOBBY WALL - TILE
3" = 1'-0"



A4 WOOD CEILING - BOTTOM ROW
1/2" = 1'-0"

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PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT * MICHAEL L. GOERTZEN A-2047 * STATE OF NEBRASKA

ENLARGED PLANS AND INTERIOR ELEVATIONS

SCALE: As indicated

A-425

CONSTRUCTION DOCUMENTS

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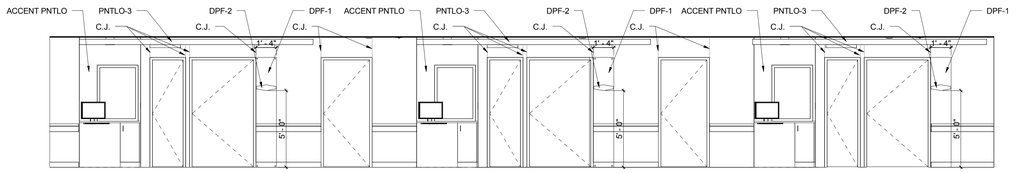
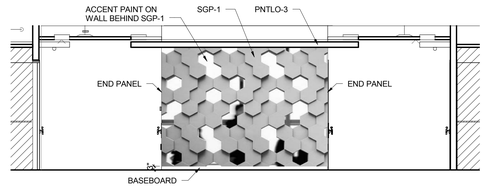


E1 TYPICAL PATIENT CORRIDOR ELEVATION

1/4" = 1'-0"



E4 INTERIOR ELEVATION - WAITING - WEST WALL

1/4" = 1'-0"

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PROJECT FOR

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Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
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FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	**000000000197729**
ORIGINAL ISSUE	**10/29/13 -**
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

ENLARGED PLANS
AND INTERIOR
ELEVATIONS

SCALE 1/4" = 1'-0"

A-426

CONSTRUCTION DOCUMENTS

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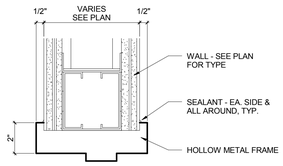

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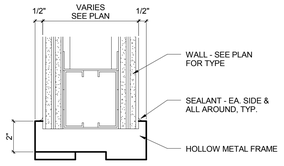

2 HEAD 29
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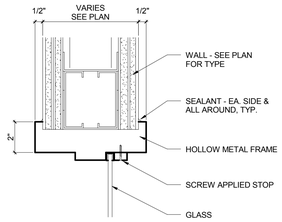

3 HEAD 40
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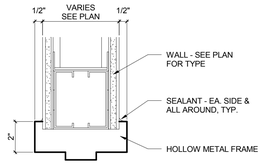

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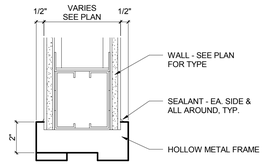

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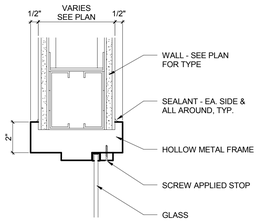

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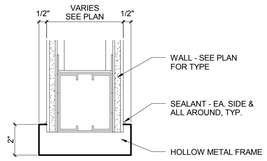

8 HEAD 34
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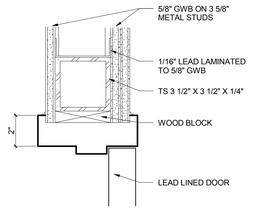

26 HEAD 54
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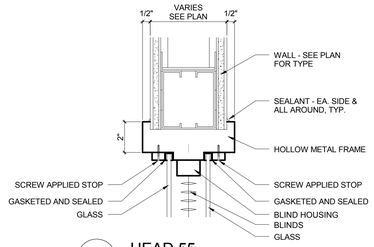

7 HEAD 55
3" = 1'-0"

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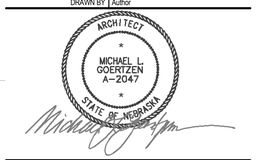
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author



FRAME DETAILS - HEAD

SCALE 3" = 1'-0"

A-511

CONSTRUCTION DOCUMENTS

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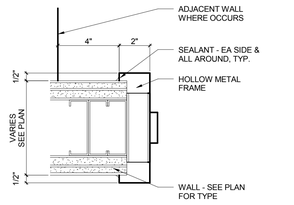
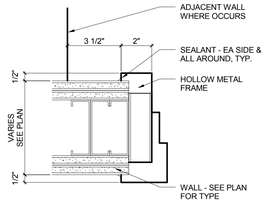


1 JAMB 36
3" = 1'-0"



2 JAMB 19
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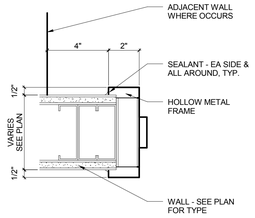

3 JAMB 20
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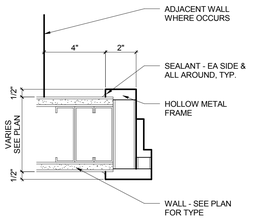

4 JAMB 21
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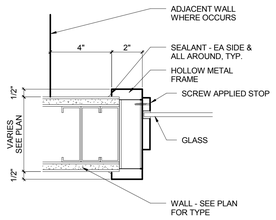

5 JAMB 22
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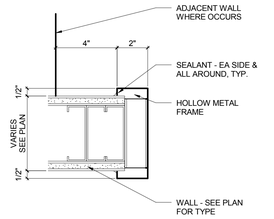

7 JAMB 24
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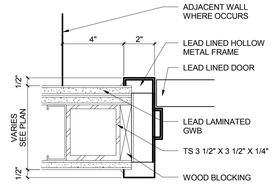

8 JAMB 25
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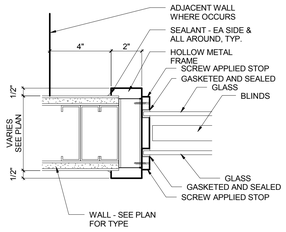

6 JAMB 37
3" = 1'-0"

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www.specializedeng.com

Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT * MICHAEL L. GOERTZEN A-2047 * STATE OF NEBRASKA

FRAME DETAILS - JAMB

SCALE 3" = 1'-0"

A-512

CONSTRUCTION DOCUMENTS

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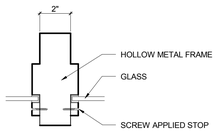

1 MULLION 10
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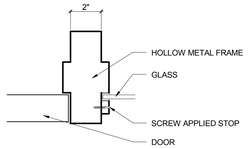

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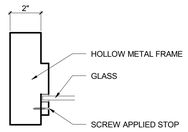

3 MULLION 13
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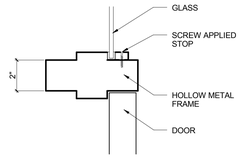

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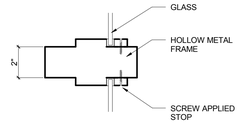

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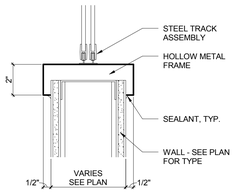

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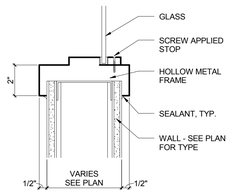

11 SILL 11
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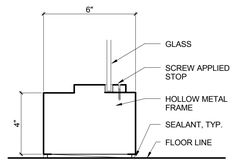

17 SILL 10
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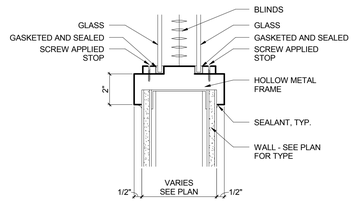

6 SILL 17
3" = 1'-0"

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CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L GOERTZEN
A-2047
STATE OF NEBRASKA

FRAME DETAILS -
MULLION/SILL

SCALE 3" = 1'-0"

A-513

CONSTRUCTION DOCUMENTS

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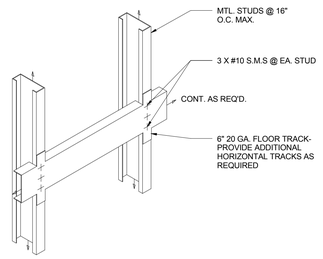
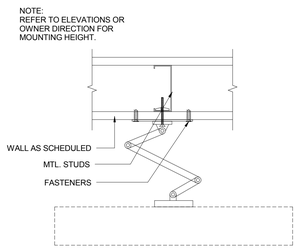
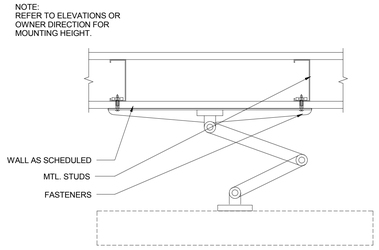


ISOMETRIC VIEW

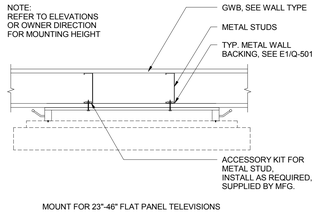
E1 TYPICAL WALL BACKING DETAIL
1 1/2" = 1'-0"



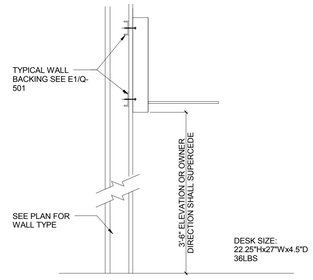
E2 FLAT PANEL TV WALL MOUNT-MOUNTFU
3/8" = 1'-0"



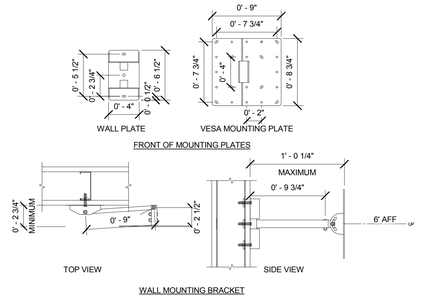
E3 FLAT PANEL TV WALL MOUNT
3/8" = 1'-0"



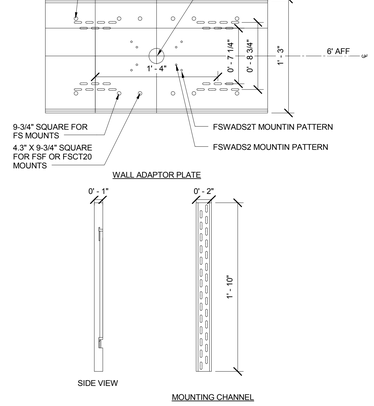
E4 TILT FLAT PANEL TV WALL MOUNT-MOUNTCQ
1" = 1'-0"



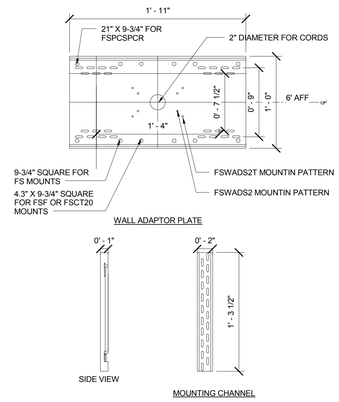
E6 FOLD UP WALL MOUNTED DESK-DESKW01
3/4" = 1'-0"



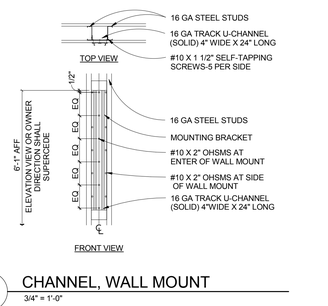
C1 WALL MOUNTED BRACKET-MOUNTEL
1 1/2" = 1'-0"



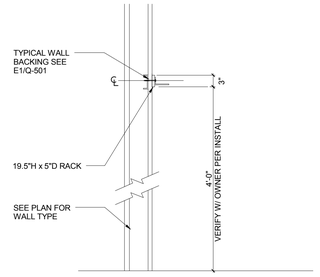
C2 WALL MOUNTED BRACKET-MOUNTIQ
1 1/2" = 1'-0"



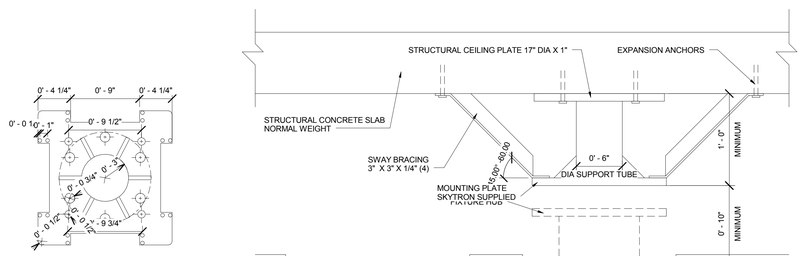
C3 WALL MOUNTED BRACKET-MOUNTIR
1 1/2" = 1'-0"



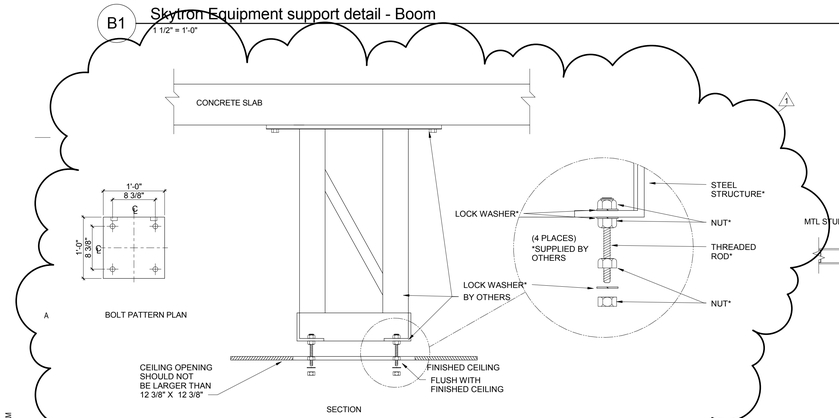
D4 CHANNEL, WALL MOUNT
3/4" = 1'-0"



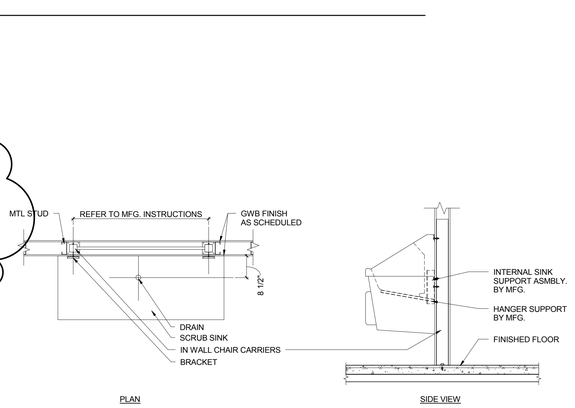
D6 APRON RACK-RACKAAG
3/4" = 1'-0"



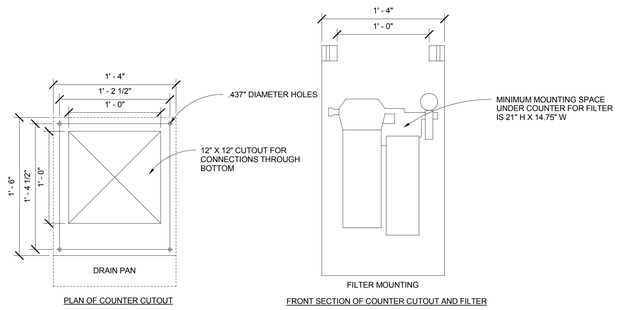
B1 Skytron Equipment support detail - Boom
1 1/2" = 1'-0"



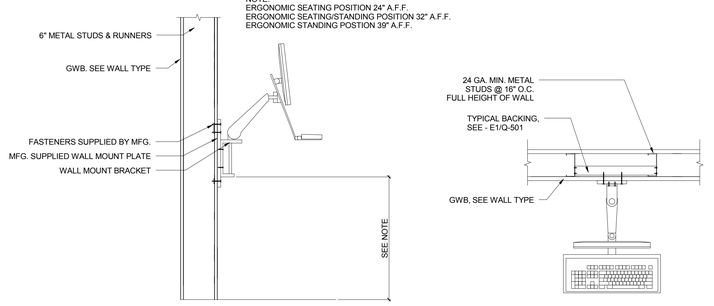
A1 FIXED CEILING COLUMN DETAIL-STEEL STRUCTURE
1" = 1'-0"



A3 WALL MOUNTED SCRUB SINK & CHAIR CARRIER-SINKS52
1/2" = 1'-0"



A4 COUNTER CUTOUT-ICEMACF
1 1/2" = 1'-0"



B4 WALL MOUNTED MONITOR/KEYBOARD-MOUNTGV
1" = 1'-0"

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1	11-25-13	BP3-ADDENDUM #1
	PROJECT NUMBER	0000000000197729
	ORIGINAL ISSUE	11/05/13 -
	PROJECT MANAGER	Mike Goertzen
	PROJECT DESIGNER	Brian Zabloudil
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	MECHANICAL ENGINEER	Todd Kubicek
	ELECTRICAL ENGINEER	Kris Burnham
	INTERIOR DESIGNER	Jill McFee
	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Author

ARCHITECT * MICHAEL L GOERTZEN A-2047 * STATE OF NEBRASKA

DETAILS - EQUIPMENT

SCALE: As indicated

A-526

CONSTRUCTION DOCUMENTS

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DOOR AND FRAME SCHEDULE - LEVEL 1

ROOM NO.	ROOM NAME	DOOR NO.	DIMENSIONS W1	DIMENSIONS W2	DIMENSIONS TOTAL	H	PANEL TYPE	PANEL MAT'L	PANEL FIN.	PANEL GLASS TYPE	FRAME TYPE	FRAME MAT'L	FRAME FIN.	FIRE RATING	HARDWARE GROUP	HARDWARE ELECTRICAL	NOTES
1005	Family Waiting	1005	3' - 0"	3' - 0"	6' - 0"	7' - 0"	N/N	WD	STN	T	1	HM	PNT		HW-45M	AC	
1017	Communications Room	1017	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
1019	Employee Health Exam	1019A	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-02		
1019	Employee Health Exam	1019B	3' - 0"			7' - 0"	-	-	-	-	3	HM	PNT	N/A	N/A		
1026	Corridor	1026	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	C8	2	HM	PNT	90 MIN	HW-38M	MH	
1029	Physican Sleep Room	1029	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	20 MIN	CA-03	AC	
1031	Manager Office	1031	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	20 MIN	HW-02		
1217	Lobby	1217	3' - 0"	3' - 0"	6' - 0"	7' - 0"	N/N	WD	STN	C8	1	HM	PNT	90 MIN	HW-38M	MH	
1757	Office	1757	3' - 0"			7' - 0"	F	WD	STN	-	4	HM	PNT		HW-02		
1853	JC	1853	2' - 4"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-04		
1867	Operating Room #2	1867	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		AU-21	DO	
1869	Corridor	1869	3' - 0"	3' - 0"	6' - 0"	7' - 0"	N/N	WD	STN	T	1	HM	PNT		AU-21	DO	
1873	Work Station	1873	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	1	HM	PNT		AU-21	DO	
1903	Entrance/Waiting	1903	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	1	HM	PNT		CA-10	AC	
1904	Exam Room (Isolation)	1904	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-09		
1905	Exam Room	1905	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-09		
1906	Exam Room	1906	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-09		
1907	Exam Room	1907	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-09		
1908	Exam Room	1908	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-09		
1909	Exam Room	1909	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-09		
1910	Exam Room	1910	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-09		
1911	Exam Room	1911	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-09		
1912	Fluoroscopy Room	1912	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-81	LL	
1913	Exam Room	1913	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-09		
1914	Meds.	1914	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03		
1915	Patient Toilet	1915	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-05		
1916	Patient Toilet	1916	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-05		
1917	Corridor	1917	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	1	HM	PNT		AU-34	DO, AC	
1919	Corridor	1919	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	2	HM	PNT		AU-34	DO, AC	
1922	Exam Room	1922	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-09		
1924	J.C.	1924	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-04		
1926	Equipt. Stor.	1926	3' - 0"			7' - 0"	N	WD	STN	C8	1	HM	PNT	45 MIN	CA-03	AC	
1927	Clean Supply Room	1927	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
1928	Soiled	1928	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
1929	Equipt. Stor.	1929	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
1931	Renovated for Elevator Lobby	1931	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	C8	1	HM	PNT	20 MIN	AU-34	DO, AC	
1932	Security	1932	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
1933	Corridor	1933A	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	2	HM	PNT		HW-38M	MH	
1933	Corridor	1933B	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	C8	2	HM	PNT	90 MIN	AU-34	DO, AC	
1933	Corridor	1933C	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	C8	2	HM	PNT	90 MIN	AU-34	DO, AC	
1933	Corridor	1933D	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	1	HM	PNT		AU-21	DO	
1939	Sub-Sterile	1939A	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-13		
1939	Sub-Sterile	1939B	3' - 0"			7' - 0"	N	WD	STN	T	1	HM	PNT		HW-13		
1941	Operating Room 7	1941	4' - 0"	2' - 0"	6' - 0"	7' - 0"	F/F	WD	STN	T	1	HM	PNT		AU-21	DO	
1942	Operating Room 8	1942A	4' - 0"	2' - 0"	6' - 0"	7' - 0"	F/F	WD	STN	T	1	HM	PNT		AU-21	DO	
1942	Operating Room 8	1942B	3' - 0"			7' - 0"	N	WD	STN	T	1	HM	PNT		HW-13		
1943	Corridor	1943	3' - 6"	3' - 6"	7' - 0"	7' - 0"	N/N	WD	STN	T	1	HM	PNT		AU-34	DO, AC	
1944	Corridor	1944A	3' - 8"			7' - 0"	F	HM	PNT	-	1	HM	PNT		N/A	DPS	EXIST FR
1944	Corridor	1944B	3' - 8"			7' - 0"	F	HM	PNT	-	1	HM	PNT		N/A	DPS	EXIST FR
1944	Corridor	1944C	3' - 8"			7' - 0"	F	HM	PNT	-	1	HM	PNT		N/A	DPS	EXIST FR
1944	Corridor	1944D	3' - 0"			7' - 0"	F	HM	PNT	-	1	HM	PNT				
1946	Corridor	1946A	3' - 0"	3' - 0"	6' - 0"	7' - 0"	N/N	WD	STN	T	2	HM	PNT		HW-38M	MH	
1946	Corridor	1946B	3' - 8"			7' - 0"	F	HM	PNT	-	1	HM	PNT		N/A		EXIST FR
1950	Stair	1950A	3' - 8"			7' - 0"	F	WD	STN	-	1	HM	PNT	90 MIN	N/A		EXIST FR
1950	Stair	1950B	3' - 8"			7' - 0"	FG	ALUM	ANOD	T	-	ALUM	ANOD		N/A	DPS	EXIST FR

DOOR AND FRAME SCHEDULE - LEVEL 3

ROOM NO.	ROOM NAME	DOOR NO.	DIMENSIONS W1	DIMENSIONS W2	DIMENSIONS TOTAL	H	PANEL TYPE	PANEL MAT'L	PANEL FIN.	PANEL GLASS TYPE	FRAME TYPE	FRAME MAT'L	FRAME FIN.	FIRE RATING	HARDWARE GROUP	HARDWARE ELECTRICAL	NOTES
3001	Medical/ Telemetry (Ceiling Lift)	3001	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3001	Medical/ Telemetry (Ceiling Lift)	3001A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3001	Medical/ Telemetry (Ceiling Lift)	3001B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3002	Medical/ Telemetry	3002	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3002	Medical/ Telemetry	3002A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3002	Medical/ Telemetry	3002B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3003	Medical/ Telemetry	3003	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3003	Medical/ Telemetry	3003A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3003	Medical/ Telemetry	3003B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3004	Medical/ Telemetry	3004	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3004	Medical/ Telemetry	3004A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3004	Medical/ Telemetry	3004B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3005	Medical/ Telemetry	3005	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3005	Medical/ Telemetry	3005A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3005	Medical/ Telemetry	3005B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3006	Medical/ Telemetry (Ceiling Lift)	3006	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3006	Medical/ Telemetry (Ceiling Lift)	3006A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3006	Medical/ Telemetry (Ceiling Lift)	3006B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3007	Medical/ Telemetry (Isolation and Ceiling Lift)	3007	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3007	Medical/ Telemetry (Isolation and Ceiling Lift)	3007A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3007	Medical/ Telemetry (Isolation and Ceiling Lift)	3007B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3008	Medical/ Telemetry	3008	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3008	Medical/ Telemetry	3008A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3008	Medical/ Telemetry	3008B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3009	Medical/ Telemetry	3009	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3009	Medical/ Telemetry	3009A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3009	Medical/ Telemetry	3009B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3010	Medical/ Telemetry	3010	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3010	Medical/ Telemetry	3010A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3010	Medical/ Telemetry	3010B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3011	Medical/ Telemetry	3011	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3011	Medical/ Telemetry	3011A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3011	Medical/ Telemetry	3011B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3012	Medical/ Telemetry	3012	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3012	Medical/ Telemetry	3012A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3012	Medical/ Telemetry	3012B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3013	Medical/ Telemetry	3013	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3013	Medical/ Telemetry	3013A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3013	Medical/ Telemetry	3013B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3014	Medical/ Telemetry	3014	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3014	Medical/ Telemetry	3014A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3014	Medical/ Telemetry	3014B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3015	Medical/ Telemetry	3015	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3015	Medical/ Telemetry	3015A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3015	Medical/ Telemetry	3015B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3016	Medical/ Telemetry	3016	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3016	Medical/ Telemetry	3016A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3016	Medical/ Telemetry	3016B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3017	Medical/ Telemetry	3017	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3017	Medical/ Telemetry	3017A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3017	Medical/ Telemetry	3017B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3018	ICU PATIENT ROOM (ISOLATION AND CEILING LIFT)	3018	3' - 6"	1' - 6"	5' - 0"	7' - 0"	F/F	WD	STN	-	1	HM	PNT		HW-43P		

DOOR AND FRAME SCHEDULE - LEVEL 3

ROOM NO.	ROOM NAME	DOOR NO.	DIMENSIONS W1	DIMENSIONS W2	DIMENSIONS TOTAL	H	PANEL TYPE	PANEL MAT'L	PANEL FIN.	PANEL GLASS TYPE	FRAME TYPE	FRAME MAT'L	FRAME FIN.	FIRE RATING	HARDWARE GROUP	HARDWARE ELECTRICAL	NOTES
3018	ICU PATIENT ROOM (ISOLATION AND CEILING LIFT)	3018A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3018	ICU PATIENT ROOM (ISOLATION AND CEILING LIFT)	3018B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3019	ICU PATIENT ROOM	3019	3' - 6"	1' - 6"	5' - 0"	7' - 0"	F/F	WD	STN	-	1	HM	PNT		HW-43P		
3019	ICU PATIENT ROOM	3019A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3019	ICU PATIENT ROOM	3019B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3020	ICU PATIENT ROOM	3020	3' - 6"	1' - 6"	5' - 0"	7' - 0"	F/F	WD	STN	-	1	HM	PNT		HW-43P		
3020	ICU PATIENT ROOM	3020A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3020	ICU PATIENT ROOM	3020B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3021	ICU PATIENT ROOM	3021	3' - 6"	1' - 6"	5' - 0"	7' - 0"	F/F	WD	STN	-	1	HM	PNT		HW-43P		
3021	ICU PATIENT ROOM	3021A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3021	ICU PATIENT ROOM	3021B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3022	ICU PATIENT ROOM	3022	3' - 6"	1' - 6"	5' - 0"	7' - 0"	F/F	WD	STN	-	1	HM	PNT		HW-43P		
3022	ICU PATIENT ROOM	3022A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3022	ICU PATIENT ROOM	3022B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3023	ICU PATIENT ROOM	3023	3' - 6"	1' - 6"	5' - 0"	7' - 0"	F/F	WD	STN	-	1	HM	PNT		HW-43P		
3023	ICU PATIENT ROOM	3023A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3023	ICU PATIENT ROOM	3023B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3024	ICU PATIENT ROOM (CEILING LIFT)	3024	3' - 6"	1' - 6"	5' - 0"	7' - 0"	F/F	WD	STN	-	1	HM	PNT		HW-43P		
3024	ICU PATIENT ROOM (CEILING LIFT)	3024A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3024	ICU PATIENT ROOM (CEILING LIFT)	3024B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3025	ICU Patient Room	3025	3' - 6"	1' - 6"	5' - 0"	7' - 0"	F/F	WD	STN	T	1	HM	PNT		HW-43P		
3025	ICU Patient Room	3025A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3025	ICU Patient Room	3025B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3026	Medical/Telemetry / Peds. (Flex Room - Isolation/Ceiling Lift)	3026	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3026	Medical/Telemetry / Peds. (Flex Room - Isolation/Ceiling Lift)	3026A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3026	Medical/Telemetry / Peds. (Flex Room - Isolation/Ceiling Lift)	3026B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3027	Peds. Patient Room	3027	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3027	Peds. Patient Room	3027A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3027	Peds. Patient Room	3027B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3028	Peds. Patient Room	3028	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3028	Peds. Patient Room	3028A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3028	Peds. Patient Room	3028B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3029	Peds. Patient Room	3029	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3029	Peds. Patient Room	3029A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3029	Peds. Patient Room	3029B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3030	Peds. Patient Room	3030	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3030	Peds. Patient Room	3030A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3030	Peds. Patient Room	3030B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3031	Peds. Patient Room	3031	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3031	Peds. Patient Room	3031A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3031	Peds. Patient Room	3031B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3032	Peds. Patient Room	3032	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
3032	Peds. Patient Room	3032A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
3032	Peds. Patient Room	3032B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
3033	Equipment Storage	3033	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
3034	Public Waiting	3034	3' - 0"			7' - 0"	F	WD	STN	-	4	HM	PNT		HW-09		
3035	Reception (Volunteer)	3035	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-08		
3036	Consult/Team Room	3036	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-05		
3037	Office- Shared	3037A	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-02		
3037	Office- Shared	3037B	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-02		
3038	Equipment Storage	3038	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
3039	Equipment Storage	3039	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
3040	Elec. Room	3040	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	HW-04		
3041	Equipment Storage	3041	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
3043	Equipment Storage	3043	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
3045	Clean Utility Room	3045A	3' - 0"			7' - 0"	N	WD	STN	C8	1	HM	PNT	45 MIN	CA-03	AC	
3045	Clean Utility Room	3045B	3' - 0"			7' - 0"	N	WD	STN	C8	1	HM	PNT	45 MIN	CA-03	AC	
3046	Medication Room	3046A	3' - 0"			7' - 0"	N	WD	STN	T	1	HM	PNT		CA-03	AC	
3046	Medication Room	3046B	3' - 0"			7' - 0"	N	WD	STN	T	1	HM	PNT		CA-03	AC	
3047	Corridor	3047	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	C8	2	HM	PNT	90 MIN	AU-30	AC, MH	
3049	Equipment Storage	3049	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	HW-02	AC	
3050	Stair	3050	3' - 8"			7' - 0"	F	WD	STN	-	1	HM	PNT	90 MIN		AC, WP	
3051	J.C.	3051	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	HW-04		
3052	Staff Toilet	3052	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-05		
3053	Staff Toilet	3053	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-05		
3054	Staff Lockers	3054A	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
3054	Staff Lockers	3054B	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
3055	Staff Lounge	3055A	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
3055	Staff Lounge	3055B	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
3056	Equipment Storage	3056	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
3061	Soiled Utility Room	3061A	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
3061	Soiled Utility Room	3061B	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
3062	Equipment Storage	3062A	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
3062	Equipment Storage	3062B	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
3063	Conference/Team Room	3063A	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-02		
3063	Conference/Team Room	3063B	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-02		
3066	Sub-Wait/Consult	3066	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-05		
3067	Equipment Storage	3067A	3' - 0"			7' - 0"	N	WD	STN	C8	1	HM	PNT	45 MIN	CA-03	AC	
3067	Equipment Storage	3067B	3' - 0"			7' - 0"	N	WD	STN	C8	1	HM	PNT	45 MIN	CA-03	AC	
3068	Comm. Room	3068	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
3069	Elec. Room	3069	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	HW-04		
3070	Clean Supply Room	3070A	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
3070	Clean Supply Room	3070B	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
3071	Staff Toilet	3071	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-05		
3072	Corridor	3072	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	2	HM	PNT		HW-38M	MH	
3073	Medication Room	3073A	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
3073	Medication Room	3073B	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
3074	Office- Private	3074	3' - 0"			7' - 0"	F	WD	STN	-	4	HM	PNT		HW-02		
3075	Office- Private	3075	3' - 0"			7' - 0"	F	WD	STN	-	4	HM	PNT		HW-02		
3078	Corridor	3078	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	2	HM	PNT		HW-38M	MH	
3079	Medication Room	3079	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
3080	Clean Utility Room	3080A	3' - 0"			7' - 0"	N	WD	STN	T	1	HM	PNT		CA-03	AC	
3080	Clean Utility Room	3080B	3' - 0"			7' - 0"	N	WD	STN	T	1	HM	PNT		CA-03	AC	
3082	Decontam. Room-RT	3082A	3' - 0"			7' - 0"	N	WD	STN	T	1	HM	PNT		CA-03	AC	
3082	Decontam. Room-RT	3082B	3' - 0"			7' - 0"	N	WD	STN	T	1	HM	PNT		CA-03	AC	
3083	Vent Storage	3083	3' - 0"			7' - 0"	N	WD	STN	T	1	HM	PNT		CA-03	AC	
3087	Equipment Storage	3087	3' - 6"			7' - 0"	F	WD

DOOR AND FRAME SCHEDULE - LEVEL 4

IDENTIFICATION			PANEL								FRAME				HARDWARE		
			DIMENSIONS														
ROOM NO.	ROOM NAME	DOOR NO.	WIDTH W1	W2	TOTAL	H	TYPE	MAT'L	FIN.	GLASS TYPE	TYPE	MAT'L	FIN.	FIRE RATING	GROUP	ELECTRICAL	NOTES
4001	Post-Surgical (Ceiling Lift)	4001	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4001	Post-Surgical (Ceiling Lift)	4001A	3' - 6"			7' - 0"	-	WD	STN	-	-	-		N/A	HW-73		SLIDING
4001	Post-Surgical (Ceiling Lift)	4001B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4002	Post-Surgical	4002	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4002	Post-Surgical	4002A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4002	Post-Surgical	4002B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4003	Post-Surgical	4003	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4003	Post-Surgical	4003A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4003	Post-Surgical	4003B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4004	Post-Surgical	4004	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4004	Post-Surgical	4004A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4004	Post-Surgical	4004B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4005	Post-Surgical	4005	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4005	Post-Surgical	4005A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4005	Post-Surgical	4005B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4006	Post-Surgical (Isolation/Ceiling Lift)	4006	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4006	Post-Surgical (Isolation/Ceiling Lift)	4006A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4006	Post-Surgical (Isolation/Ceiling Lift)	4006B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4007	LDRP Patient Room	4007	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4007	LDRP Patient Room	4007A	3' - 6"			7' - 0"	-	WD	STN	-	-	-		N/A	HW-73		SLIDING
4007	LDRP Patient Room	4007B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4008	Post-Surgical (Ceiling Lift)	4008	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4008	Post-Surgical (Ceiling Lift)	4008A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4008	Post-Surgical (Ceiling Lift)	4008B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4009	Post-Surgical	4009	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4009	Post-Surgical	4009A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4009	Post-Surgical	4009B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4010	Post-Surgical	4010	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4010	Post-Surgical	4010A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4010	Post-Surgical	4010B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4011	Post-Surgical	4011	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4011	Post-Surgical	4011A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4011	Post-Surgical	4011B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4012	Post-Surgical (Ceiling Lift)	4012	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4012	Post-Surgical (Ceiling Lift)	4012A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4012	Post-Surgical (Ceiling Lift)	4012B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4013	Post-Surgical	4013	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4013	Post-Surgical	4013A	3' - 6"			7' - 0"	-	WD	STN	-	-	-		N/A	HW-73		SLIDING
4013	Post-Surgical	4013B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4014	Post-Surgical	4014	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4014	Post-Surgical	4014A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4014	Post-Surgical	4014B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4015	Post-Surgical	4015	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4015	Post-Surgical	4015A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4015	Post-Surgical	4015B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4016	Post-Surgical	4016	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4016	Post-Surgical	4016A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4016	Post-Surgical	4016B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4017	Post-Surgical	4017	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4017	Post-Surgical	4017A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4017	Post-Surgical	4017B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4018	LDRP Patient Room (Isolation)	4018	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4018	LDRP Patient Room (Isolation)	4018A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4018	LDRP Patient Room (Isolation)	4018B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4019	LDRP Patient Room	4019	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4019	LDRP Patient Room	4019A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4019	LDRP Patient Room	4019B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4020	LDRP Patient Room	4020	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4020	LDRP Patient Room	4020A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4020	LDRP Patient Room	4020B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4021	LDRP Patient Room	4021	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4021	LDRP Patient Room	4021A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4021	LDRP Patient Room	4021B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4022	LDRP Patient Room	4022	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4022	LDRP Patient Room	4022A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4022	LDRP Patient Room	4022B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4023	Joint Center/Post-Surgical (Flex Room)	4023	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4023	Joint Center/Post-Surgical (Flex Room)	4023A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		
4023	Joint Center/Post-Surgical (Flex Room)	4023B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4024	Joint Center	4024	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4024	Joint Center	4024A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4024	Joint Center	4024B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4025	Joint Center	4025	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4025	Joint Center	4025A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4025	Joint Center	4025B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4026	Joint Center	4026	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4026	Joint Center	4026A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4026	Joint Center	4026B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4027	Joint Center	4027	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4027	Joint Center	4027A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4027	Joint Center	4027B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4028	Joint Center	4028	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4028	Joint Center	4028A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4028	Joint Center	4028B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		

DOOR AND FRAME SCHEDULE - LEVEL 4

IDENTIFICATION			PANEL								FRAME				HARDWARE		
			DIMENSIONS														
ROOM NO.	ROOM NAME	DOOR NO.	WIDTH W1	W2	TOTAL	H	TYPE	MAT'L	FIN.	GLASS TYPE	TYPE	MAT'L	FIN.	FIRE RATING	GROUP	ELECTRICAL	NOTES
4029	Joint Center	4029	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-16		
4029	Joint Center	4029A	3' - 6"			7' - 0"	-	WD	STN	-	-	-		N/A	HW-73		SLIDING
4029	Joint Center	4029B	2' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-10S		
4030	Equipment Storage	4030	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4031	Public Waiting	4031	3' - 0"			7' - 0"	F	WD	STN	-	4	HM	PNT		HW-09		
4032	Reception (Volunteer)	4032	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-08		
4033	Conf / Consult	4033	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-05		
4034	Office- Shared	4034	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-02		
4035	Equipment Storage	4035	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4036	Group Teaching Room	4036	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-02		
4037	Elec. Room	4037	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	HW-04		
4038	Equipment Storage	4038	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4040	Equipment Storage	4040	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4042	Clean Utility Room	4042A	3' - 0"			7' - 0"	N	WD	STN	C8	1	HM	PNT	45 MIN	CA-03	AC	
4042	Clean Utility Room	4042B	3' - 0"			7' - 0"	N	WD	STN	C8	1	HM	PNT	45 MIN	CA-03	AC	
4043	Medication Room	4043A	3' - 0"			7' - 0"	N	WD	STN	T	1	HM	PNT		CA-03	AC	
4043	Medication Room	4043B	3' - 0"			7' - 0"	N	WD	STN	T	1	HM	PNT		CA-03	AC	
4044	Corridor	4044	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	2	HM	PNT		AU-34	AC, WP, MH	
4046	Equipment Storage	4046	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4047	Stair	4047	3' - 8"			7' - 0"	F	WD	STN	-	1	HM	PNT	90 MIN		AC, WP	
4048	J.C.	4048	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	HW-04		
4050	Staff Toilet	4050	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-05		
4051	Staff Toilet/Shower	4051	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-05		
4052	Staff Lockers	4052A	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
4052	Staff Lockers	4052B	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
4053	Staff Lounge	4053A	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
4053	Staff Lounge	4053B	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
4054	Equipment Storage	4054	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4058	Corridor	4058	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	C8	2	HM	PNT	90 MIN	AU-30	AC, MH	
4059	Soiled Utility Room	4059A	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4059	Soiled Utility Room	4059B	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4060	Triage/ Prep.	4060	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-09		
4060	Triage/ Prep.	4060A	3' - 6"			7' - 0"	-	WD	STN	-	-	-		N/A	HW-73		SLIDING
4061	Triage/ Prep.	4061	4' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-09		
4061A	Patient Toilet	4061A	3' - 6"			7' - 0"	-	WD	STN	-	-	-	-	N/A	HW-73		SLIDING
4064	Sub-Wait/Consult	4064	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-05		
4065	Equipment Storage	4065A	3' - 0"			7' - 0"	N	WD	STN	C8	1	HM	PNT	45 MIN	CA-03	AC	
4065	Equipment Storage	4065B	3' - 0"			7' - 0"	N	WD	STN	C8	1	HM	PNT	45 MIN	CA-03	AC	
4066	Comm. Room	4066	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4067	Elec. Room	4067	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	HW-04		
4068	Clean Supply Room	4068A	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4068	Clean Supply Room	4068B	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4069	Staff Toilet	4069	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-05		
4070	Corridor	4070A	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	2	HM	PNT		HW-38M	MH	
4070	Corridor	4070B	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	2	HM	PNT		HW-38M	MH	
4071	Medication Room	4071A	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
4071	Medication Room	4071B	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
4072	Office- Private	4072	3' - 0"			7' - 0"	F	WD	STN	-	4	HM	PNT		HW-02		
4073	Office- Private	4073	3' - 0"			7' - 0"	F	WD	STN	-	4	HM	PNT		HW-02		
4077	NICU- Private Room	4077	4' - 0"			7' - 0"	G	WD	STN	T	1	HM	PNT		HW-13		
4078	J.C.	4078	2' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-04		
4079	Formula Prep./Stor.	4079	3' - 0"			7' - 0"	N	WD	STN	T	1	HM	PNT		HW-14		
4080	NICU / Nursery Work Room	4080	4' - 0"			7' - 0"	G	WD	STN	T	1	HM	PNT		CA-03	AC	
4081	Well Baby Nursery, Infant Bathing Sink	4081	3' - 6"			7' - 0"	G	WD	STN	T	1	HM	PNT		HW-13		
4084	Medication Room	4084	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
4088	Physician's Lounge	4088	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
4089	On-Call Room	4089	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-12		
4090	Anaesthesia Work Room	4090	3' - 0"			7' - 0"	N	WD	STN	T	1	HM	PNT		CA-03	AC	
4091	Change Room	4091A	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
4091	Change Room	4091B	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
4092	Equipment Storage	4092	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		CA-03	AC	
4093	Toilet/ Shower	4093	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-06		
4094	Corridor	4094A	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	1	HM	PNT		AU-21	DO, AC, MH	
4094	Corridor	4094B	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	1	HM	PNT		AU-21	DO, AC, MH	
4096	J.C.	4096	2' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-04		
4097	C-Section OR	4097	4' - 0"	2' - 0"	6' - 0"	7' - 0"	F/F	WD	STN	T	1	HM	PNT		AU-21		
4098	Corridor	4098	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	C8	2	HM	PNT	90 MIN	AU-30	AC, MH	
4099	Equipment Storage	4099	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4100	J.C.	4100	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	HW-04		
4101	Corridor	4101A	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	2	HM	PNT		AU-34	MH	
4101	Corridor	4101B	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	2	HM	PNT		HW-38M	MH	
4102	Equipment Storage	4102	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4104	Equipment Storage	4104	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4105	Equipment Storage	4105	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4106	Comm. Room	4106	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4107	Corridor	4107A	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	2	HM	PNT		AU-34	AC, WP, MH	
4107	Corridor	4107B	3' - 8"	3' - 8"	7' - 4"	7' - 0"	N/N	WD	STN	T	2	HM	PNT		AU-34	MH	
4108	Equipment Storage	4108	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4109	Tub Room	4109	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-05		
4110	Equipment Storage	4110	3' - 6"			7' - 0"	F	WD	STN	-	1	HM	PNT	45 MIN	CA-03	AC	
4111	Public Toilet	4111	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-06		
4112	Public Toilet	4112	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-06		
4116	Stair	4116	3' - 8"			7' - 0"	F	WD	STN	-	1	HM	PNT	90 MIN	HW-26		EXIST FR
4117	Storage	4117	3' - 0"			7' - 0"	F	WD	STN	-	1	HM	PNT		HW-04		EXIST FR
4123	Stair	4123	3' - 8"			7' - 0"	F	WD	STN	-	1	HM	PNT	90 MIN		AC, WP	

DOOR SCHEDULE HARDWARE SET GROUPS AND REMARKS WERE REVISED - SHEET REISSUED

1

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Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/18/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

FOURTH FLOOR
DOOR SCHEDULE

SCALE

A-602

CONSTRUCTION DOCUMENTS

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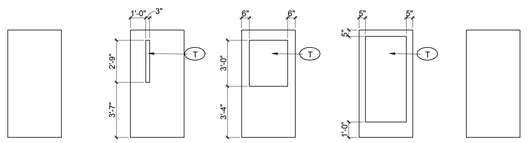


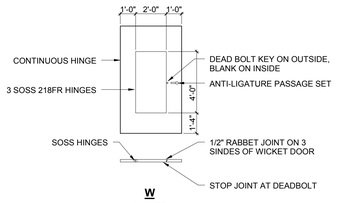
F FLUSH

N NARROW VISION

G HALF GLASS

AM FULL GLASS MEDIUM ALUMINUM

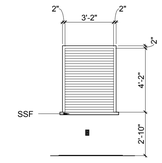
R RADIATION RESISTANT



W WICKET (5TH FLOOR PATIENT ROOMS)

SIDE-HINGED DOOR TYPES

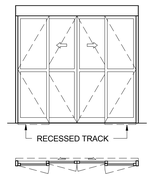
1/4" = 1'-0"



CS COUNTER SHUTTER (DOORS 5030B, 5030C)

SPECIALTY DOOR TYPES

1/4" = 1'-0"

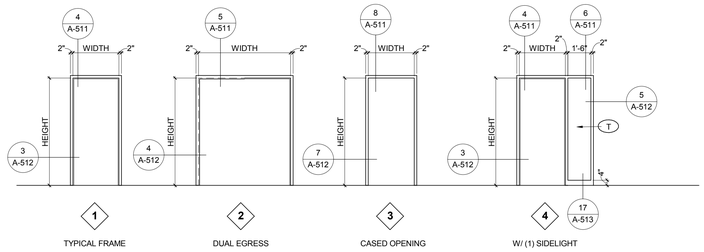


AS4t 4 PANEL BI-PARTING HALF TRACK BREAK OPEN ANY POSITION

AUTO SLIDE DOOR TYPES1

1/4" = 1'-0"

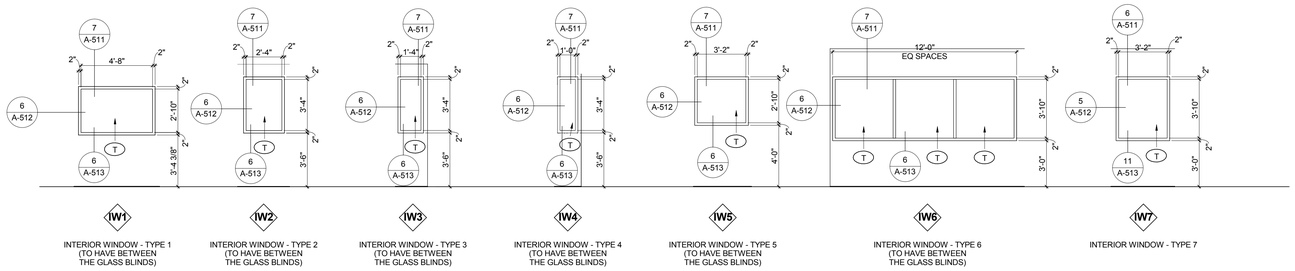
FRAME TYPE ELEVATIONS



TYPICAL FRAME | DUAL EGRESS | CASED OPENING | W/ (1) SIDELIGHT

WRAPPED FRAME TYPES ELEVATIONS

1/4" = 1'-0"



INTERIOR WINDOW - TYPE 1 (TO HAVE BETWEEN THE GLASS BLINDS)

INTERIOR WINDOW - TYPE 2 (TO HAVE BETWEEN THE GLASS BLINDS)

INTERIOR WINDOW - TYPE 3 (TO HAVE BETWEEN THE GLASS BLINDS)

INTERIOR WINDOW - TYPE 4 (TO HAVE BETWEEN THE GLASS BLINDS)

INTERIOR WINDOW - TYPE 5 (TO HAVE BETWEEN THE GLASS BLINDS)

INTERIOR WINDOW - TYPE 6 (TO HAVE BETWEEN THE GLASS BLINDS)

INTERIOR WINDOW - TYPE 7

INTERIOR WINDOW TYPE ELEVATIONS

1/4" = 1'-0"

DOOR PANEL TYPES

FRAME TYPE NOMENCLATURE

XX
- 1st X: DENOTES FRAME SUB-TYPE
- 2nd X: DENOTES FRAME TYPE *(SEE ADJACENT FRAME TYPE ELEVATIONS)*

FRAME SUB-TYPES

M	MASONRY HEAD *(SEE ADJACENT FRAME SUB-TYPES ELEVATIONS)*
MT	MASONRY HEAD AND TERMINATED STOPS *(SEE ADJACENT FRAME SUB-TYPES ELEVATIONS)*
R	RADIATION RESISTANT *(SEE SPECIFICATIONS)*
T	TERMINATED STOP *(SEE ADJACENT FRAME SUB-TYPES ELEVATIONS)*

NOTES

1. SEE DOOR SCHEDULE FOR DOOR WIDTH AND HEIGHT
2. INSET FRAME DEPTH/THROAT IS 6" UNLESS OTHERWISE NOTED
3. INSET FRAME'S HEAD WIDTH IS 2" UNLESS DENOTED AS MASONRY HEAD
4. WRAPPED FRAME'S HEAD WIDTH IS 2"

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Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

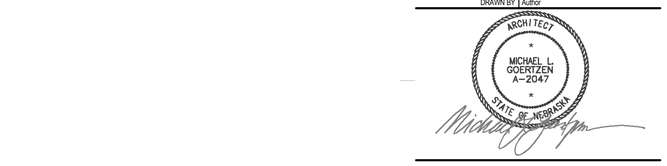
Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	**0000000000197729**
ORIGINAL ISSUE	**11/05/13 -**
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author



DOOR AND FRAME TYPES

SCALE	As indicated

A-610

CONSTRUCTION DOCUMENTS

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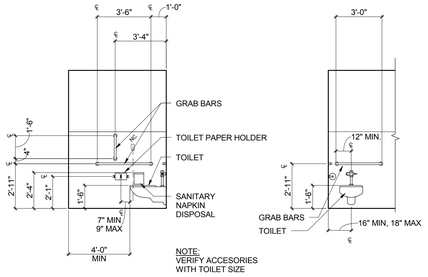
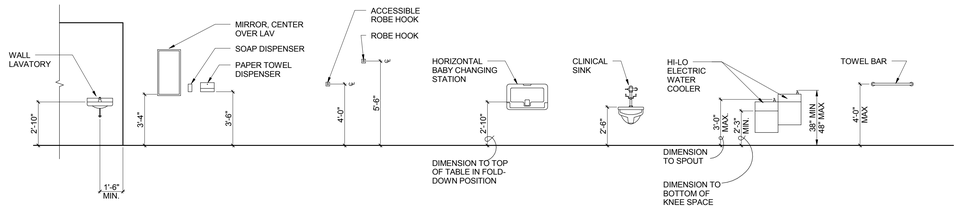
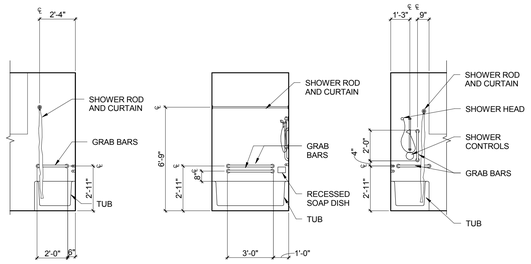


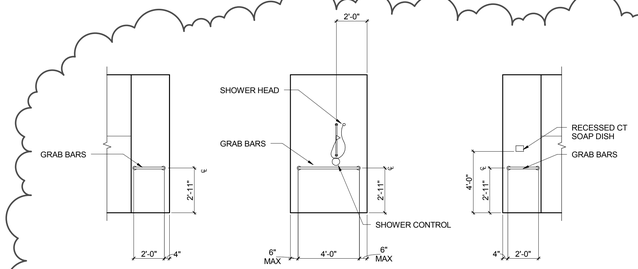
TYPICAL TOILET MOUNTING HEIGHTS & DIMENSIONS



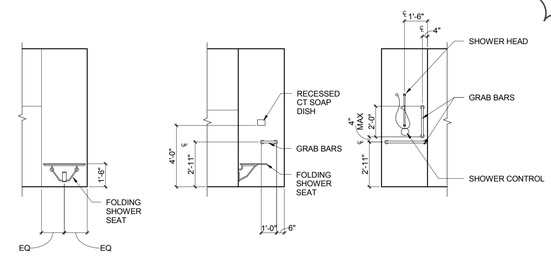
TYPICAL PLUMBING FIXTURE AND TOILET ROOM ACCESSORIES MOUNTING HEIGHTS



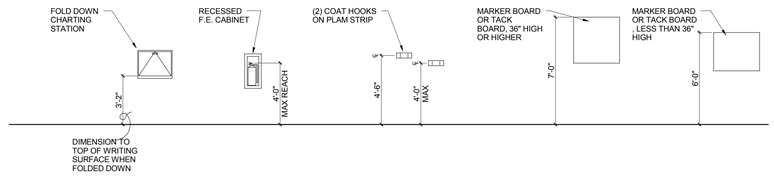
TYPICAL ACCESSIBLE TUB MOUNTING HEIGHTS AND DIMENSIONS



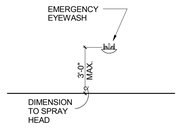
TYPICAL 5'-0" x 2'-6" ACCESSIBLE ROLL-IN SHOWER MOUNTING HEIGHTS AND DIMENSIONS



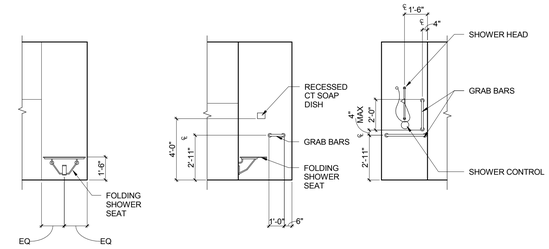
TYPICAL 3'-0" x 3'-0" ACCESSIBLE TRANSFER TYPE SHOWER MOUNTING HEIGHTS AND DIMENSIONS



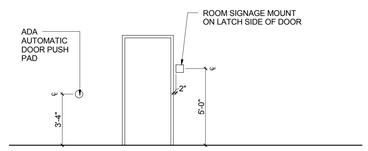
TYPICAL MISCELLANEOUS WALL MOUNTED EQUIPMENT MOUNTING HEIGHTS



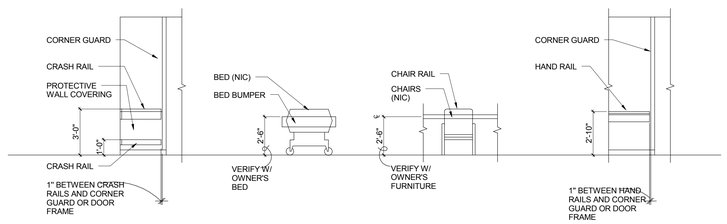
TYPICAL EMERGENCY FIXTURE MOUNTING HEIGHTS



TYPICAL 3'-6" x 3'-0" ACCESSIBLE TRANSFER TYPE SHOWER MOUNTING HEIGHTS AND DIMENSIONS



TYPICAL SIGNAGE MOUNTING HEIGHTS



TYPICAL WALL PROTECTION MOUNTING HEIGHTS

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SPECIALIZED ENGINEERING SOLUTIONS
10360 Ellison Circle
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PROJECT FOR

FAMC
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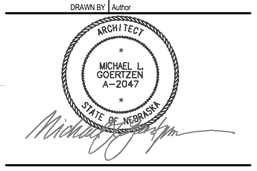
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author



TYP MOUNTING HEIGHTS

SCALE 1/4" = 1'-0"

A-615

CONSTRUCTION DOCUMENTS

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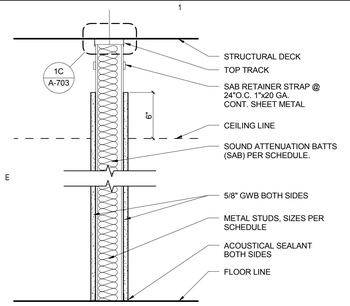
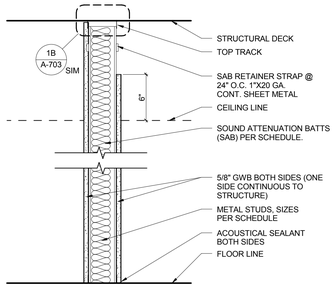


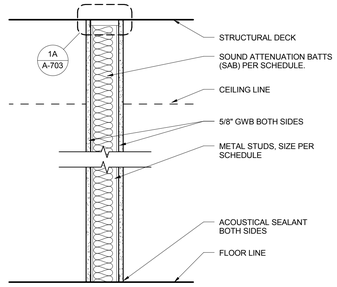
MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST
A	0' - 3 3/4"	-	-	3 1/2"	-	-
A1	0' - 3 3/4"	-	-	-	-	-
A6	0' - 6"	-	-	3 1/2"	-	-

NON-FIRE RATED WALL
NTS — A



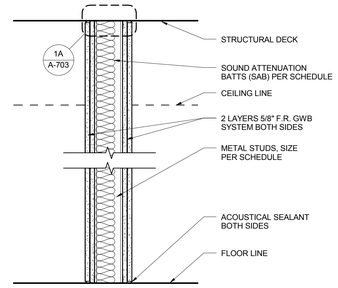
MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST
B1	0' - 3 3/4"	-	-	-	-	-
B6	0' - 6"	-	-	3 1/2"	-	-

NON-FIRE RATED WALL
NTS — B



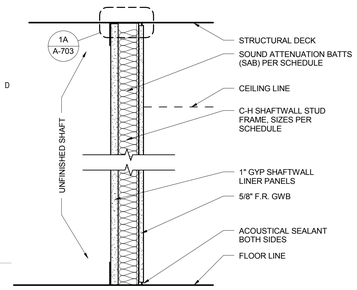
MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST
C1	0' - 3 3/4"	1 HR	U465, U450	-	39	TL99-160
C6	0' - 6"	1 HR	U465, U450	3 1/2"	48	TL99-103

1-HOUR WALL
NTS — C



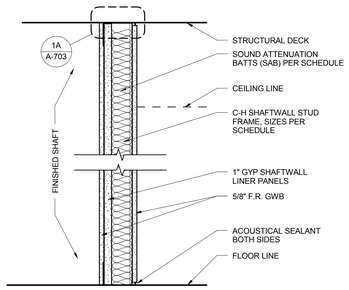
MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST
D	0' - 3 3/4"	2 HR	U419, U450	3 1/2"	56	TL99-103
D1	0' - 3 3/4"	2 HR	U419, U450	-	48	TL-61-213
D6	0' - 6"	2 HR	U419, U450	3 1/2"	56	TL99-103

2-HOUR WALL
NTS — D



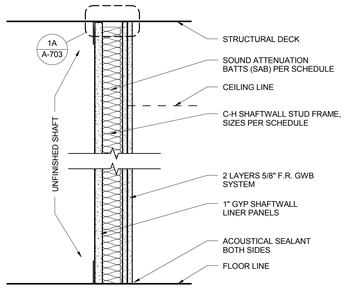
MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST
E	0' - 2 1/2"	1 HR	U469	1"	39	USG-040901
E4	0' - 4"	1 HR	U469	2 1/2"	40	USG-040901
E6	0' - 6"	1 HR	U469	3 1/2"	42	USG-040901

1-HOUR WALL (UNFINISHED SHAFT)
NTS — E



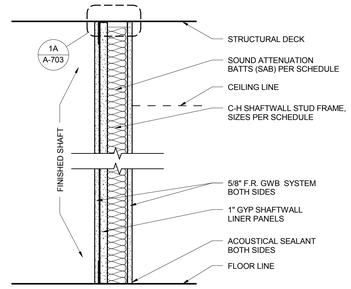
MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST

1-HOUR WALL (FINISHED SHAFT)
NTS — EE



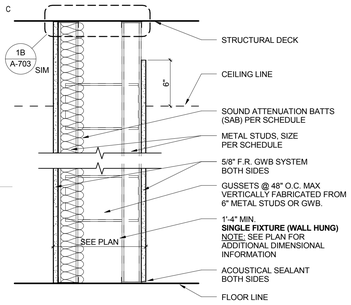
MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST
F4	0' - 4"	2 HR	U438	2 1/2"	48	OT-04-019
F6	0' - 6"	2 HR	U438	3 1/2"	50	OT-04-019

2-HOUR WALL (UNFINISHED SHAFT)
NTS — F



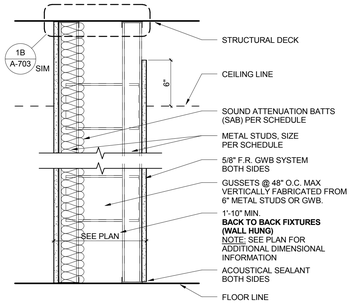
MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST

2-HOUR WALL (FINISHED SHAFT)
NTS — FF



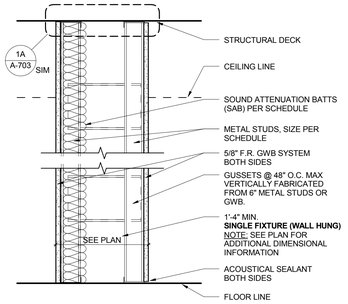
MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST
G	0' - 2 1/2"	-	-	3 1/2"	-	-

NON-FIRE RATED CHASE (SINGLE FIXTURES)
NTS — G



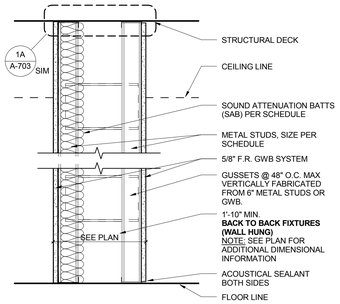
MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST

NON FIRE RATED CHASE (BACK TO BACK FIXTURES)
NTS — GG



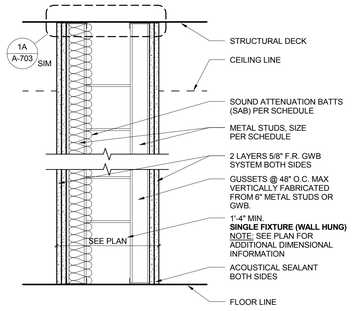
MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST

1-HOUR CHASE WALL (SINGLE FIXTURES)
NTS — H



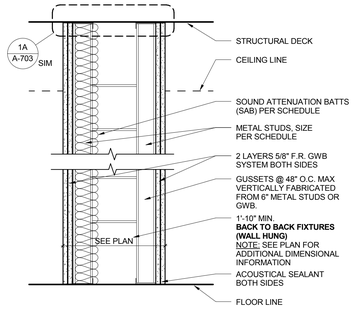
MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST

1-HOUR CHASE WALL (BACK TO BACK FIXTURES)
NTS — HH



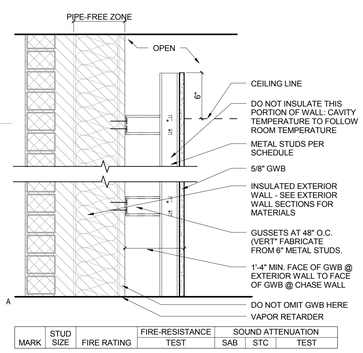
MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST

2-HOUR CHASE WALL (SINGLE FIXTURES)
NTS — J



MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST

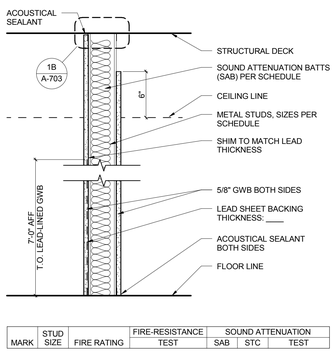
2-HOUR CHASE WALL (BACK TO BACK FIXTURES)
NTS — JJ



MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST

INTENT: MAINTAIN THERMAL CONTINUITY OF EXTERIOR WALL TO REDUCE RISK OF FREEZING PIPES

PLUMBING CHASE @ EXTERIOR WALL
NTS — K



MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST

LEAD-SHIELDED WALL (NON FIRE RATED)
NTS — L

A. GENERAL NOTES:
1. SEE FLOOR PLANS FOR EXTENT OF EACH WALL TYPE. SOME WALL TYPES MAY NOT BE USED ON PROJECT.
2. WALL TYPES ARE TITLED TO GENERALLY DESCRIBE AN ASSEMBLY'S FIRE-RESISTIVE "CAPABILITY". IN SOME CASES, ARCHITECT MAY HAVE EMPLOYED A GIVEN WALL TYPE FOR ITS SOUND CONTROL OR OTHER PROPERTIES. THUS IT IS POSSIBLE THAT WALL TYPES CHOSEN MAY PROVIDE GREATER FR CAPABILITY THAN ACTUALLY REQUIRED BY BUILDING CODE. UTILIZE WALL TYPES INDICATED BY FLOOR PLAN CALL-OUTS.
3. CONTACT ARCHITECT WHERE WALLS LACK A WALL TYPE CALL-OUT.
4. "METAL STUDS" INDICATED ON THIS SHEET FOR INTERIOR PARTITIONS REFER TO THOSE SPECIFIED IN SECTION 09 22 16 / NON-STRUCTURAL METAL FRAMING. REFER TO SPECIFICATIONS FOR ADDITIONAL CRITERIA SUCH AS STUD SPACING, MINIMUM GAUGE OF METAL AND PERMISSIBLE DEFLECTION LIMITS.
5. "STC" REFERS TO SOUND TRANSMISSION CLASS; A RATING SYSTEM THAT DESCRIBES THE ABILITY OF AN ASSEMBLY TO REDUCE THE TRANSMISSION OF SOUND. CONFIGURE SOUND-RATED WALL ASSEMBLIES ACCORDING TO THE MINIMUM REQUIREMENTS STIPULATED IN THE STC TESTS LISTED.
6. "SAB" REFERS TO SOUND ATTENUATION BATTS SPECIFIED IN SECTION 09 29 00. WHERE SAB ARE INDICATED, THEY SHALL EXTEND CONTINUOUSLY FROM FLOOR TO STRUCTURE ABOVE.
7. WALLS ARE INDICATED WITH CONVENTIONAL GYPSUM WALLBOARD; UPGRADE TO PREMIUM TYPES OF WALLBOARD (I.E. MOISTURE-RESISTANT, TILE-BACKER, ETC) BASED ON THEIR LOCATION AND ACCORDING TO REQUIREMENTS OF SECTION 09 29 00.
8. HEAD-OF-WALL FIRESTOPPING AND SEALING OF THRU-WALL PENETRATIONS: REFER TO SECTION 07 84 00 / FIRESTOPPING.
9. ACOUSTICAL SEALANTS: SPECIFIED IN SECTION 09 29 00.

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Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-26-13	BP3-ADDENDUM #1

PROJECT NUMBER	0000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT * MICHAEL L. GOERTZEN A-2047 * STATE OF NEBRASKA

INTERIOR WALL TYPES

SCALE: 1 1/2" = 1'-0"

A-701

CONSTRUCTION DOCUMENTS

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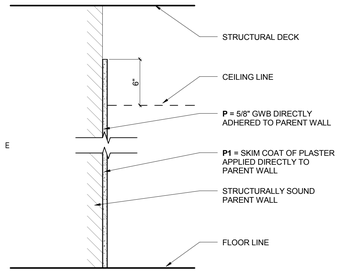
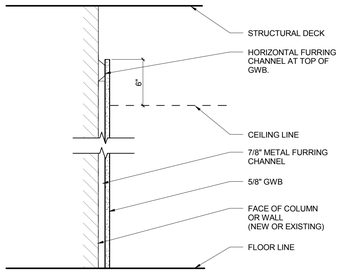


DIRECT APPLIED

NTS

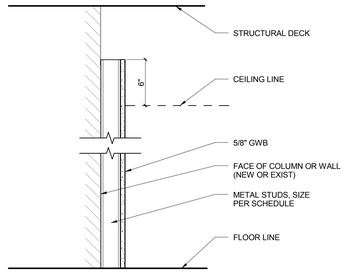
P



CHANNEL FURRING

NTS

Q

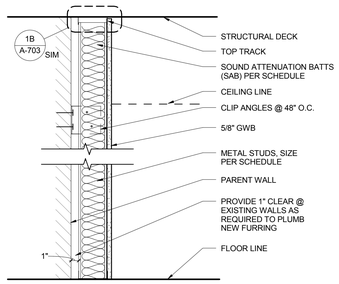


MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST
R1	0' - 1 3/4"	-	-	-	-	-
R2	0' - 2 1/2"	-	-	-	-	-
R3	0' - 3 3/4"	-	-	-	-	-
R6	0' - 6"	-	-	-	-	-

STUD FURRING

NTS

R

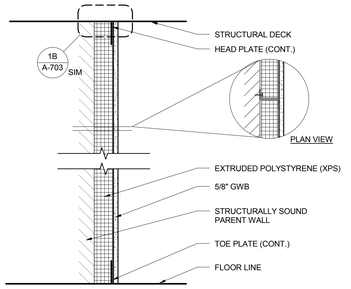


MARK	STUD SIZE	FIRE RATING	FIRE-RESISTANCE TEST	SOUND ATTENUATION SAB	STC	TEST
S3	0' - 3 3/4"	-	-	3 1/2"	-	-
S6	0' - 6"	-	-	5 1/2"	-	-

STUD FURRING TO STRUCTURE

NTS

S

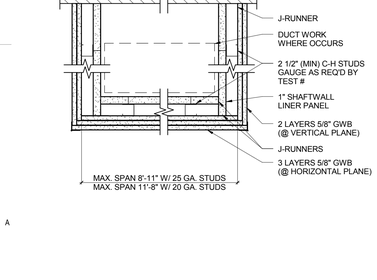


MARK	Z-FURRING SIZE	XPS WIDTH	R-VALUE

Z-FURRING WITH XPS

NTS

T

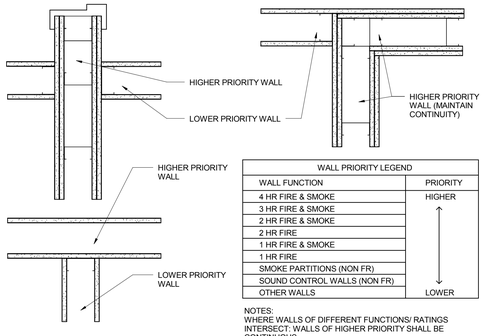


MARK	CMU SIZE	FIRE RATING	TEST	STC
Y8	0' - 7 3/4"	2 HR	-	48

CMU PARTITION WALL

NTS

Y



WALL PRIORITY LEGEND	
WALL FUNCTION	PRIORITY
4 HR FIRE & SMOKE	HIGHER
3 HR FIRE & SMOKE	
2 HR FIRE & SMOKE	
2 HR FIRE	
1 HR FIRE & SMOKE	
1 HR FIRE	
SMOKE PARTITIONS (NON FR)	
SOUND CONTROL WALLS (NON FR)	
OTHER WALLS	LOWER

NOTES:
WHERE WALLS OF DIFFERENT FUNCTIONS/ RATINGS INTERSECT: WALLS OF HIGHER PRIORITY SHALL BE CONTINUOUS.

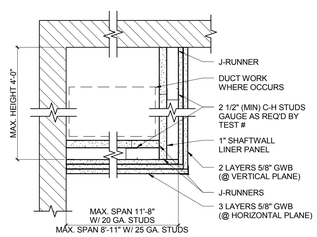
LOWER PRIORITY WALLS SHALL "ABUT" AND BE "SEALED TO" HIGHER PRIORITY WALLS, BUT SHALL NOT INTERRUPT CONTINUITY OF THE HIGHER PRIORITY WALL.

WALL PRIORITY LEGEND

RATING INFORMATION:
FIRE RATING - 2 HOUR TEST: NER-258, WHI-495, WHI-694.0300.1

1 2 HOUR HORIZONTAL ASSEMBLY

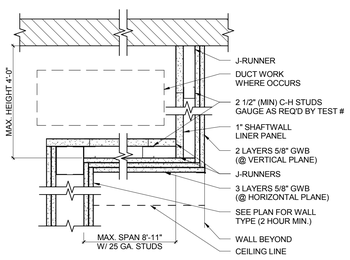
NTS



RATING INFORMATION:
FIRE RATING - 2 HOUR TEST: NER-258, WHI-495, WHI-694.0300.1

2 2 HOUR HORIZONTAL ASSEMBLY

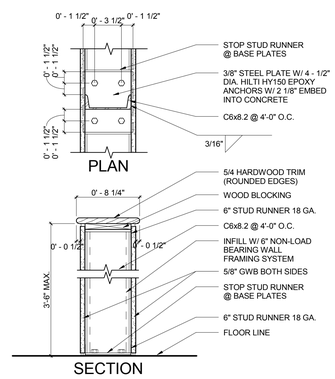
NTS



RATING INFORMATION:
FIRE RATING - 2 HOUR TEST: U.L. Design No. 411, NER-258, WHI-495, WHI-694.0300.1

3 2 HOUR WALL ASSEMBLY WITH OFFSET

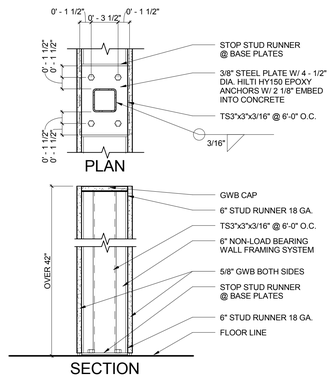
NTS



RATING INFORMATION
FIRE RATING - NON-RATED

4 KNEE WALL - 42" MAX HEIGHT

NTS



RATING INFORMATION
FIRE RATING - NON-RATED

5 KNEE WALL - OVER 42" HEIGHT

NTS

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Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
	PROJECT NUMBER	00000000197729
	ORIGINAL ISSUE	11/05/13 -
	PROJECT MANAGER	Mike Goertzen
	PROJECT DESIGNER	Brian Zabloudil
	PROJECT ARCHITECT	Jeff Bahr
	LANDSCAPE ARCHITECT	Brad Swerczek
	CIVIL ENGINEER	-
	STRUCTURAL ENGINEER	Doug Sholl
	MECHANICAL ENGINEER	Todd Kubicek
	ELECTRICAL ENGINEER	Kris Burnham
	INTERIOR DESIGNER	Jill McFee
	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

INTERIOR WALL TYPES

SCALE 1 1/2" = 1'-0"

A-702

CONSTRUCTION DOCUMENTS

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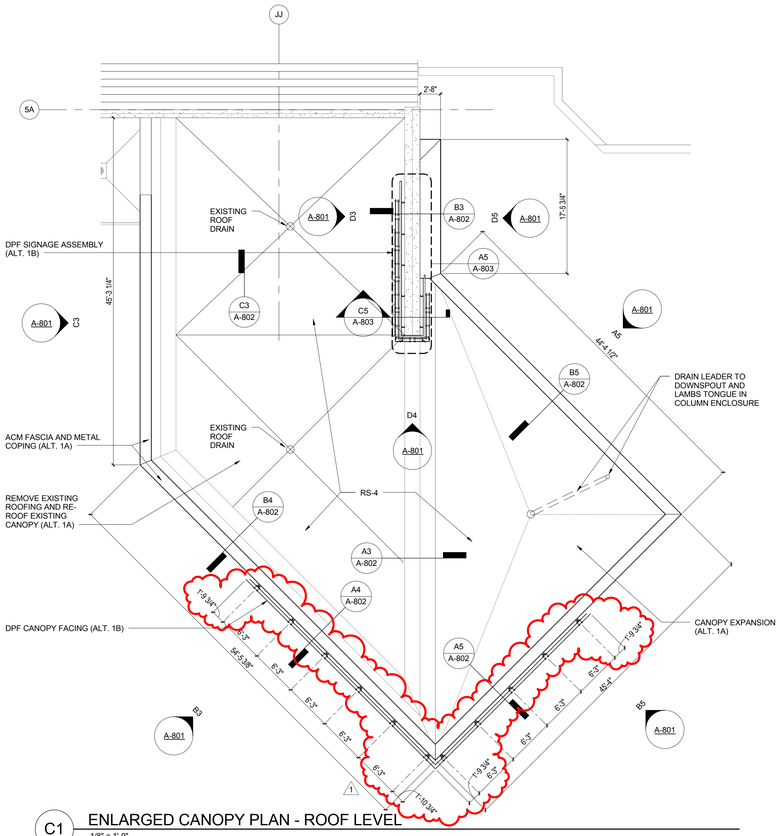
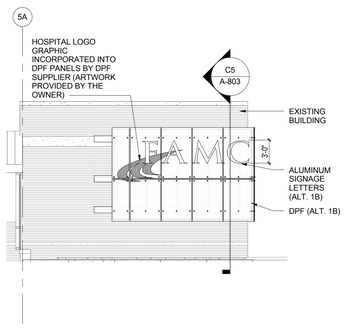
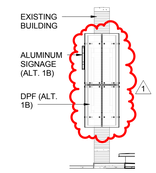


C1 ENLARGED CANOPY PLAN - ROOF LEVEL
1/8" = 1'-0"

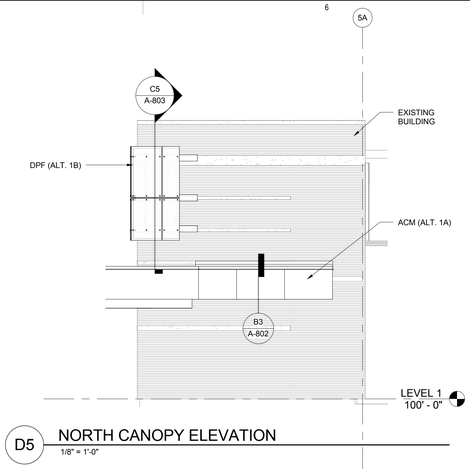
A1 ENLARGED CANOPY PLAN - FIRST FLOOR
1/8" = 1'-0"



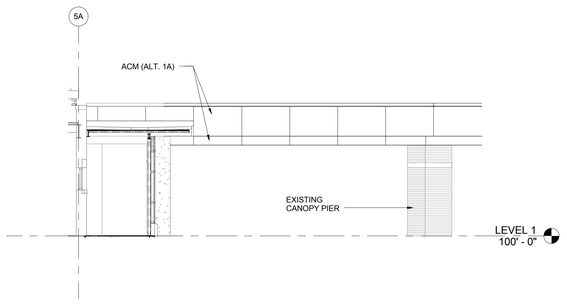
D3 SOUTH SIGNAGE ELEVATION
1/8" = 1'-0"



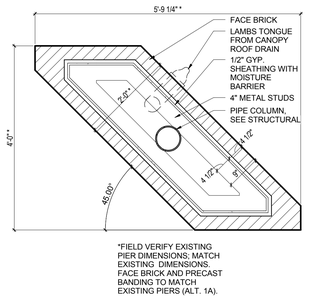
D4 EAST SIGNAGE ELEVATION
1/8" = 1'-0"



D5 NORTH CANOPY ELEVATION
1/8" = 1'-0"

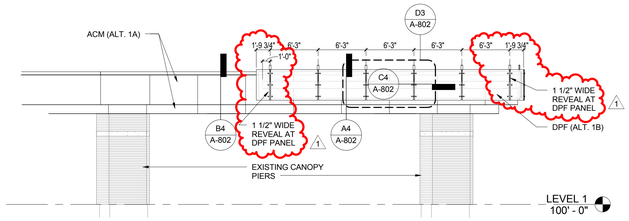


C3 SOUTH CANOPY ELEVATION
1/8" = 1'-0"

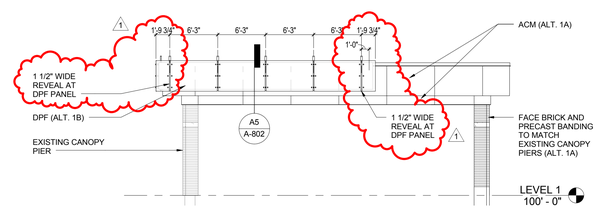


*FIELD VERIFY EXISTING PIER DIMENSIONS; MATCH EXISTING DIMENSIONS. FACE BRICK AND PRECAST BANDING TO MATCH EXISTING PIERS (ALT. 1A).

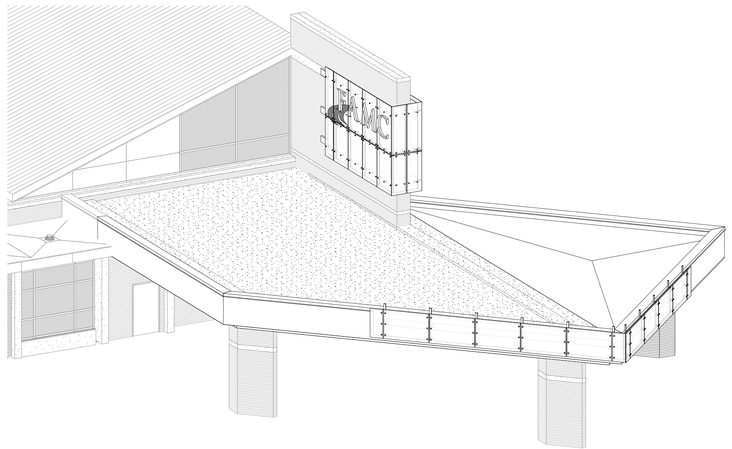
C5 BRICK COLUMN ENCLOSURE DETAIL
3/4" = 1'-0"



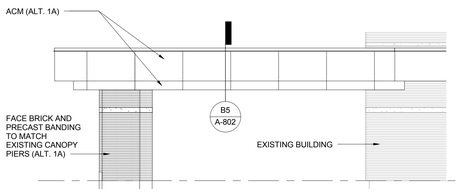
B3 SOUTHEAST CANOPY ELEVATION
1/8" = 1'-0"



B5 NORTHEAST CANOPY ELEVATION
1/8" = 1'-0"



A3 MAIN ENTRANCE CANOPY



A5 NORTHWEST CANOPY ELEVATION
1/8" = 1'-0"

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PROJECT FOR
FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11/27/2013	BP3-ADDENDUM #1
	PROJECT NUMBER	**000000000197729**
	ORIGINAL ISSUE	**11/05/13 - BP-3**
	PROJECT MANAGER	Mike Goertzen
	PROJECT DESIGNER	Brian Zebroudil
	PROJECT ARCHITECT	Jeff Bahr
	LANDSCAPE ARCHITECT	Brad Swerczek
	CIVIL ENGINEER	
	STRUCTURAL ENGINEER	Doug Sholl
	MECHANICAL ENGINEER	Todd Kubicek
	ELECTRICAL ENGINEER	Kris Burnham
	INTERIOR DESIGNER	Jill McFee
	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

MAIN ENTRANCE CANOPY PLANS, ELEVATIONS, AND DETAILS (ALTERNATE 1A/1B)

SCALE: As indicated

A-801

CONSTRUCTION DOCUMENTS

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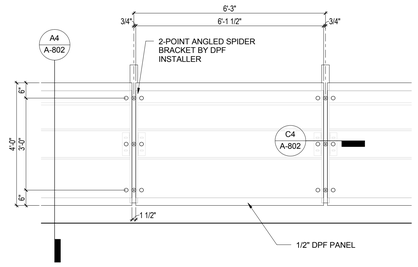
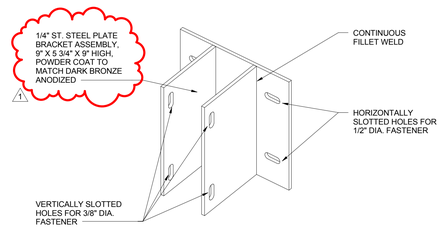
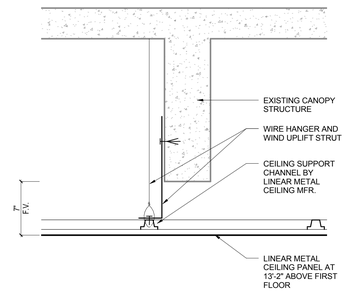


D3 ENLARGED TYPICAL PANEL ELEVATION

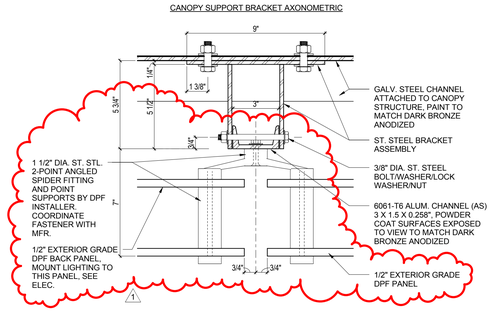
1/2" = 1'-0"





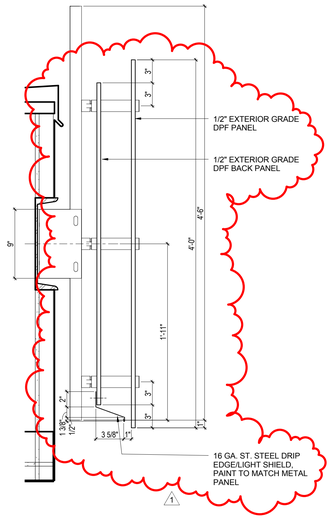
C3 CANOPY SOFFIT PANEL DETAIL

1 1/2" = 1'-0"



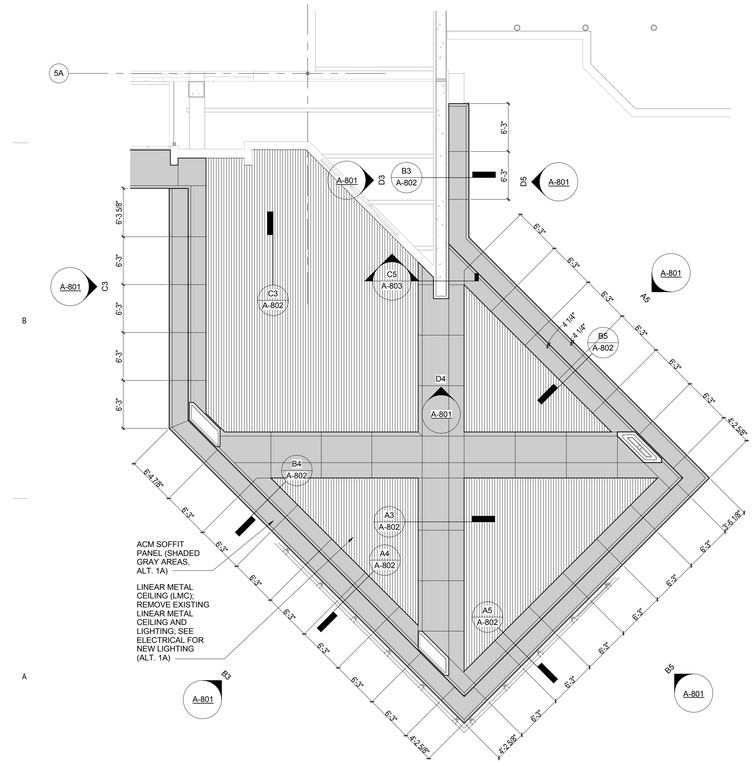
C4 CANOPY BRACKET DETAIL

3" = 1'-0"



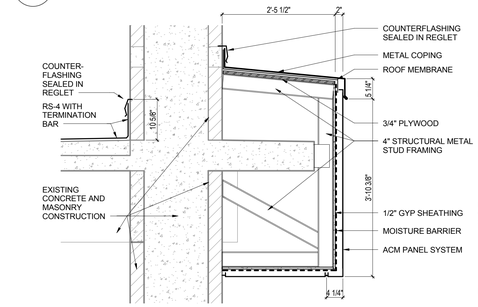
C5 DECORATIVE CANOPY FACING DETAIL

1 1/2" = 1'-0"



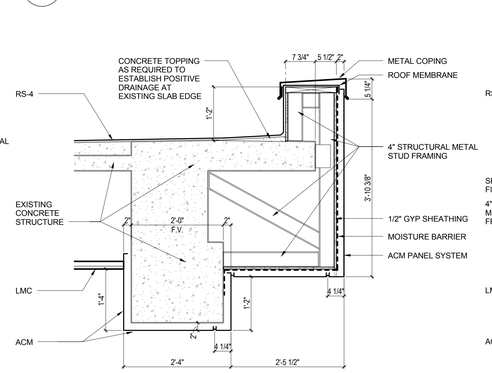
A1 MAIN CANOPY REFLECTED CEILING PLAN

1/8" = 1'-0"



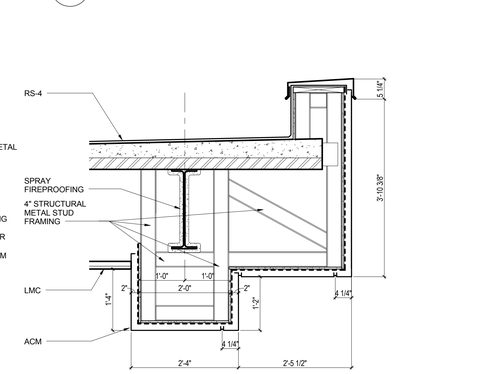
B3 CANOPY EDGE DETAIL 3 AT EXISTING STRUCTURE

3/4" = 1'-0"



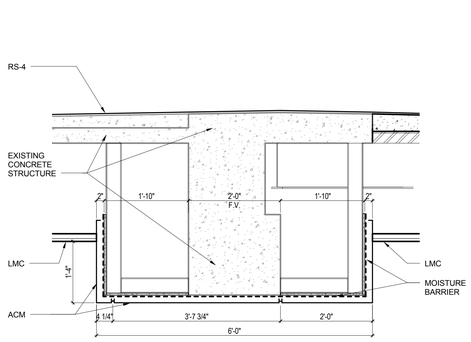
B4 CANOPY EDGE DETAIL 1 AT EXISTING STRUCTURE

3/4" = 1'-0"



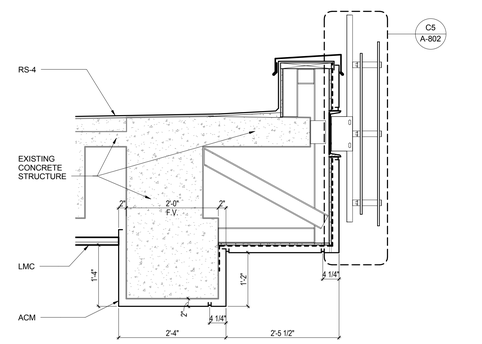
B5 CANOPY EDGE DETAIL 1 AT NEW STRUCTURE

3/4" = 1'-0"



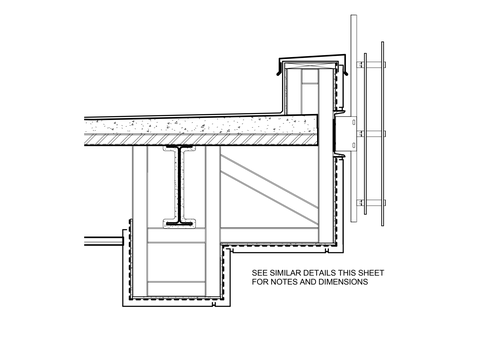
A3 CANOPY SOFFIT DETAIL 1

3/4" = 1'-0"



A4 CANOPY EDGE DETAIL 2 AT EXISTING STRUCTURE

3/4" = 1'-0"



A5 CANOPY EDGE DETAIL 2 AT NEW STRUCTURE

3/4" = 1'-0"

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Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11/27/2013	BP3-ADDENDUM #1
	PROJECT NUMBER	000000000197729
	ORIGINAL ISSUE	11/05/13 - BP-3
	PROJECT MANAGER	Mike Goertzen
	PROJECT DESIGNER	Brian Zabloudil
	PROJECT ARCHITECT	Jeff Bahr
	LANDSCAPE ARCHITECT	Brad Swerczek
	CIVIL ENGINEER	-
	STRUCTURAL ENGINEER	Doug Sholl
	MECHANICAL ENGINEER	Todd Kubicek
	ELECTRICAL ENGINEER	Kris Burnham
	INTERIOR DESIGNER	Jill McFee
	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Author

ARCHITECT * MICHAEL L. GOERTZEN A-2047 * STATE OF NEBRASKA

MAIN ENTRANCE CANOPY REFLECTED CEILING PLAN AND DETAILS (ALTERNATE 1A/1B)

SCALE: As indicated

A-802

CONSTRUCTION DOCUMENTS

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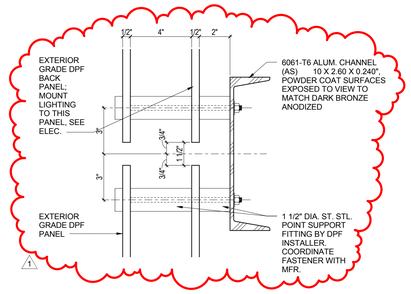
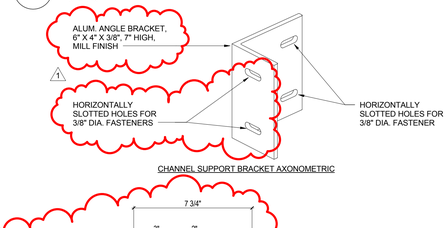
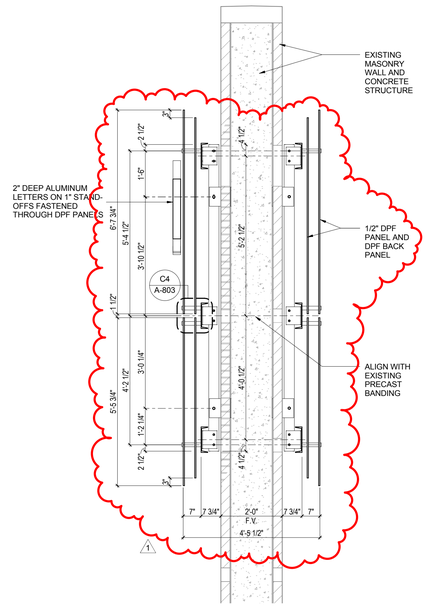


C4 DPF PANEL SUPPORT DETAIL

3" = 1'-0"

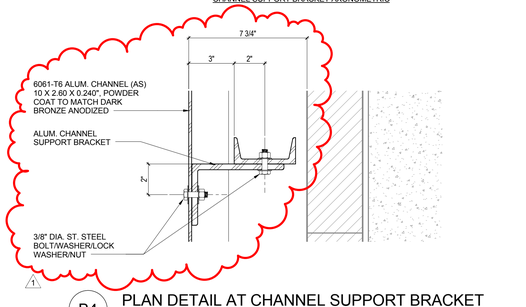


CHANNEL SUPPORT BRACKET AXONOMETRIC



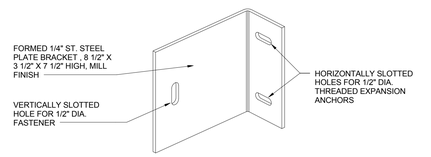
C5 SECTION AT MAIN ENTRANCE SIGNAGE

1/2" = 1'-0"

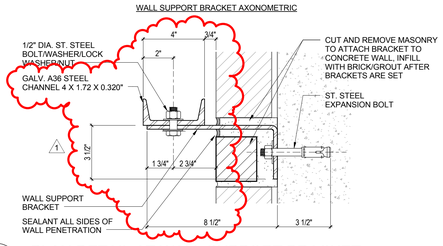


B4 PLAN DETAIL AT CHANNEL SUPPORT BRACKET

3" = 1'-0"

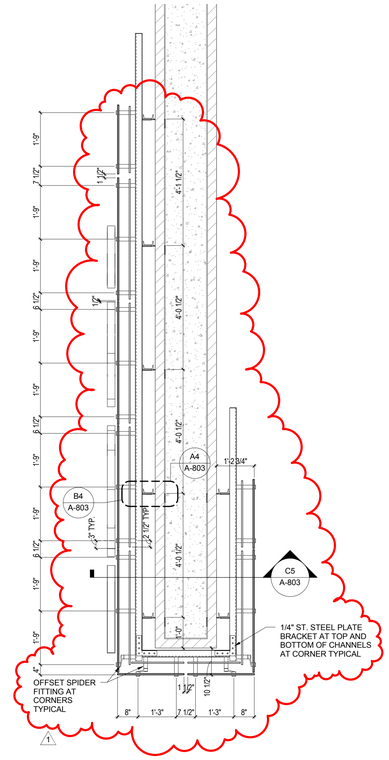


WALL SUPPORT BRACKET AXONOMETRIC



A4 PLAN DETAIL AT WALL SUPPORT BRACKET

3" = 1'-0"



A5 PLAN DETAIL AT MAIN CANOPY SIGNAGE

1/2" = 1'-0"

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PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11/27/2013	BP3-ADDENDUM #1

PROJECT NUMBER	**000000000197729**
ORIGINAL ISSUE	**11/05/13 - BP-3**
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L GOERTZEN
A-2047
STATE OF NEBRASKA

MAIN ENTRANCE CANOPY AND SIGNAGE DETAILS (ALTERNATE 1B)

SCALE: As indicated

A-803

CONSTRUCTION DOCUMENTS

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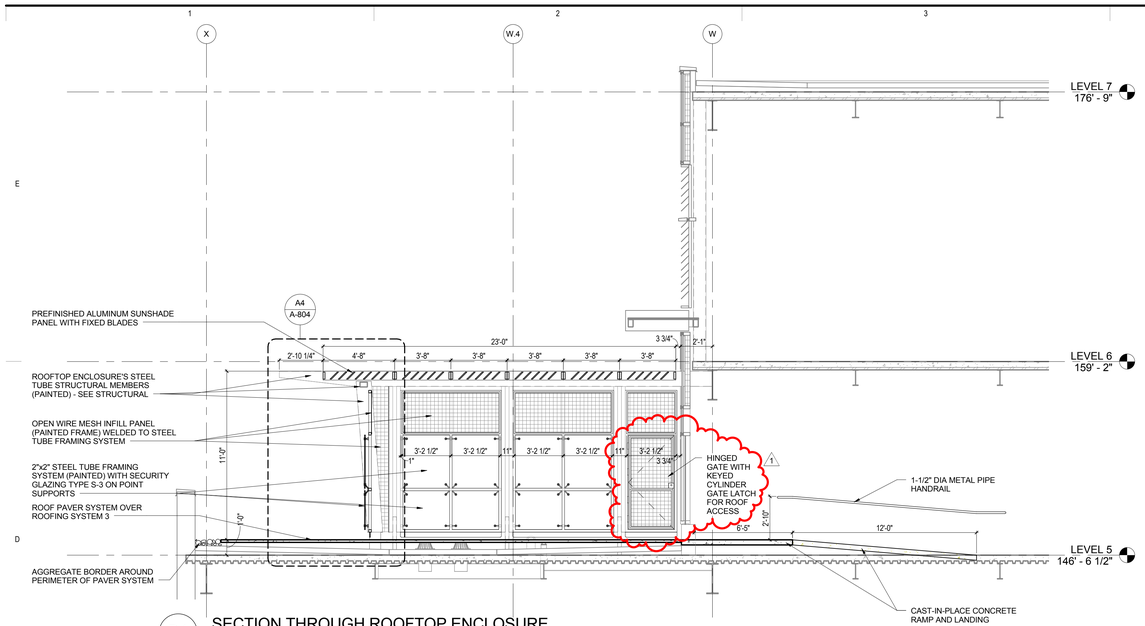
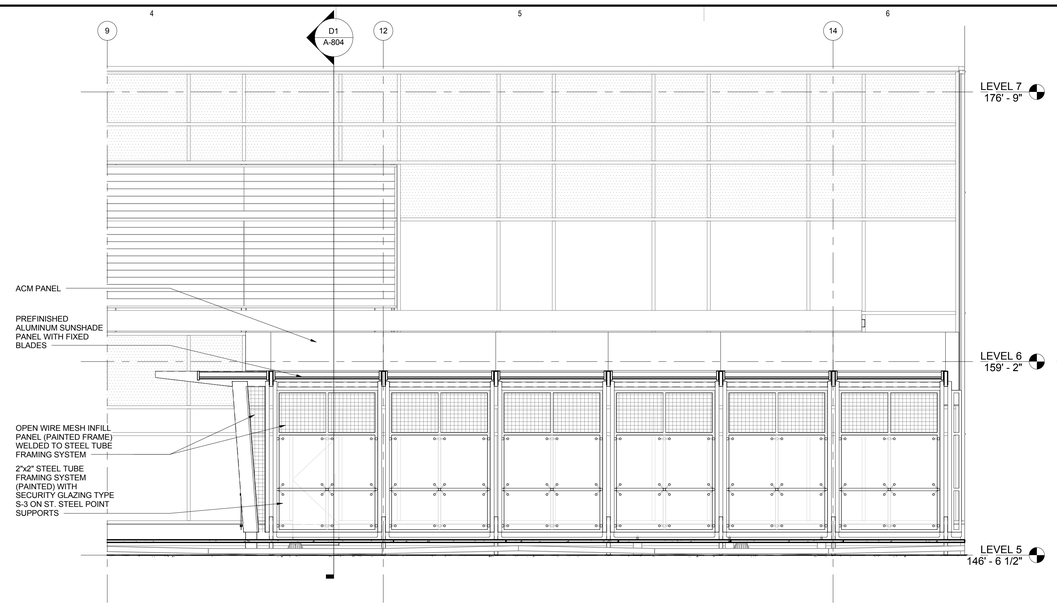


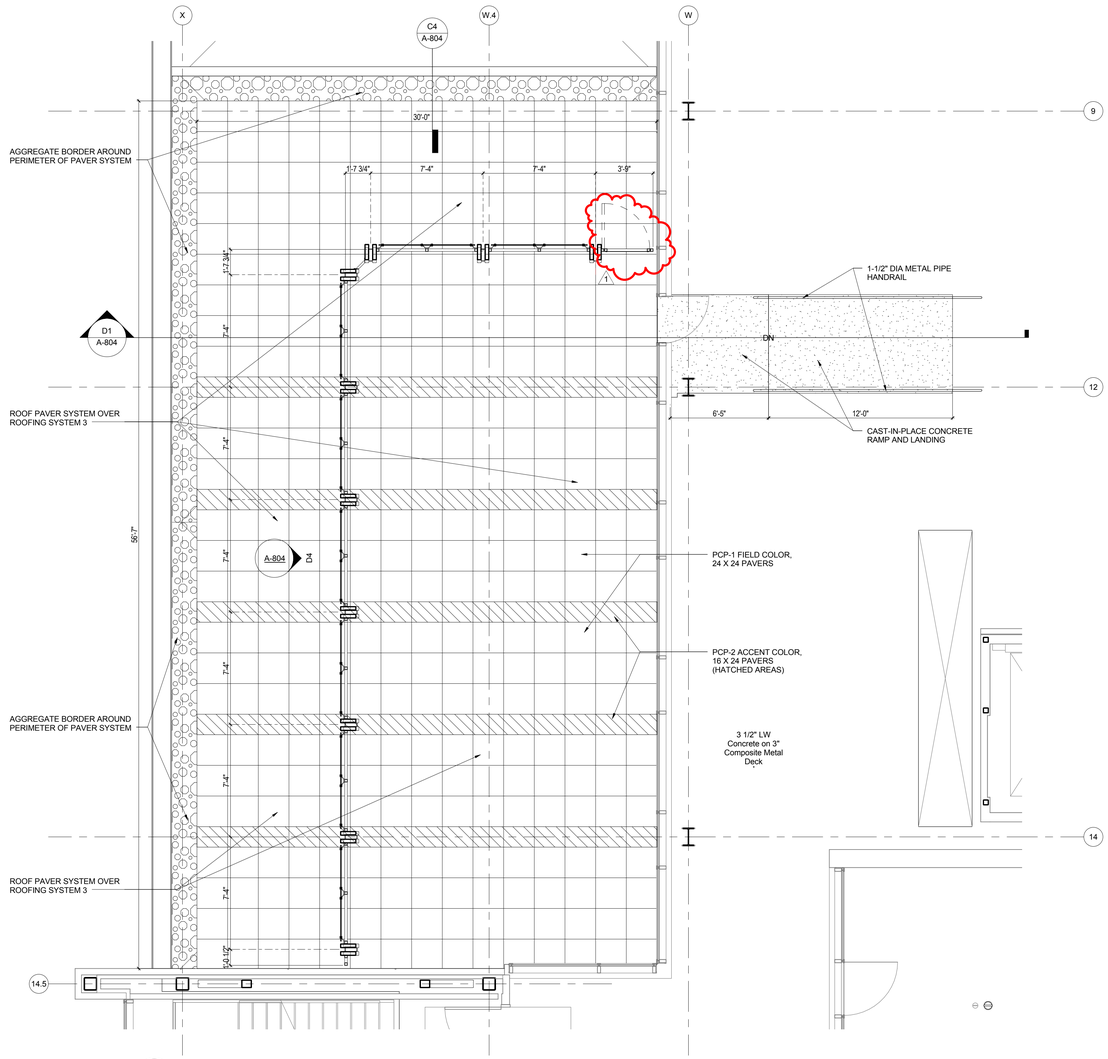
D1 SECTION THROUGH ROOFTOP ENCLOSURE

1/4" = 1'-0"



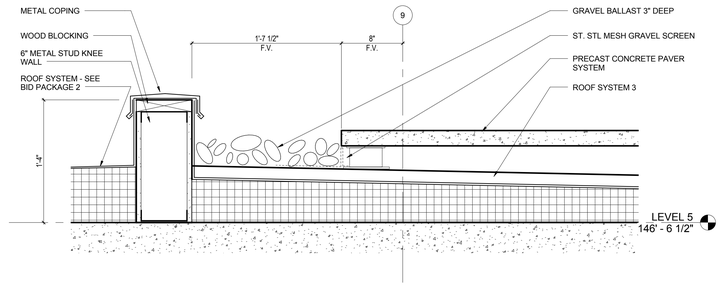
D4 ROOFTOP ENCLOSURE-SOUTH

1/4" = 1'-0"



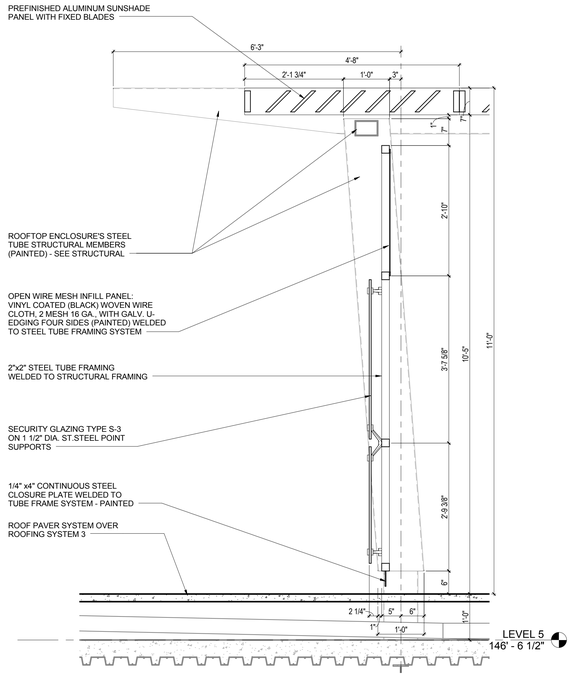
A1 LEVEL 5 ROOFTOP ENCLOSURE

1/4" = 1'-0"



C4 ROOF TRANSITION DETAIL

1 1/2" = 1'-0"



A4 ROOFTOP ENCLOSURE TYPICAL SECTION

3/4" = 1'-0"

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PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11/27/2013	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 - BP-3
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

ROOFTOP PATIO ENCLOSURE PLANS AND DETAILS (ALTERNATE 4)

SCALE	As indicated

A-804

CONSTRUCTION DOCUMENTS

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11/27/13 12:05:28 PM

LEGEND OF FINISHES AND COLORS

PART 1- GENERAL

1.1 DESCRIPTION

A. Schedule is for material location and color assignment only:
1. Use in conjunction with the drawings and specifications.
2. "Bring any apparent error, inconsistency, or omission to the attention of the Architect before proceeding."

B. General Notes:
1. Aesthetics are a very important part of this project:
a. Any proposed change impacting appearance requires submittal of a substitution request.
1) Substitution prior to bid: See Section 00 22 00.
2. "Provide consistent material, colors and patterns in each room or area."
3. Samples:
a. "In accordance with the Construction Documents, provide three samples of each color and material as required for approval. Resubmit samples as requested by Architect until acceptable sheen color and texture is achieved."
b. "On actual wood surfaces, provide three 4 IN x 8 IN samples of natural and stained wood finishes. Label and identify each as to location and applications."
4. This schedule is for finish assignment only and shall be used in conjunction with the drawings and other documents. Any apparent error, inconsistency or omission shall be brought to the attention of the Architect before proceeding.
5. Where items or surfaces are not specifically mentioned, paint the same as similar adjacent materials or area. If color or finish is not designated, Architect will select from standard colors or finishes available.
6. Unless otherwise indicated, do not include painting when factory-finishing or installer finishing is specified for such items as, but not limited to, toilet enclosures, pre-finished partition systems, acoustic materials, architectural woodwork and casework, stainless steel elevator entrace doors and frames, including light fixtures, swichgear and dtribution cabinets.
7. Unless otherwise indicated, metal surfaces of anodized aluminum, stainless steel, chromium plate, copper, bronze and similar finished materials will not require finish painting.
8. Grills, diffusers, electrical panels, access panels, etc., which are exposed in finish spaces shall be painted to match the surface on which they occur.
9. Paint interior surfaces of ducts flat black where surfaces are visible through grills or diffusers.
10. Unless otherwise indicated, metal surfaces of anodized aluminum, stainless steel, chromium plate, copper, bronze and similar finished materials will not require finish painting.
11. Floors:
a. See Floor Pattern Plans I-100 Series drawings for floor patterns, materials and color changes.
12. Walls:
a. All walls shall be PNTLO-1 except as follows:
1) Toilet Rooms without CT on the walls, ORs, C-Section and Soiled rooms should be PNTE-1.
b. See I-Series for location of vinyl wall covering and accent walls. See A7 Series for location of wall protection.
13. Base:
a. All base throughout shall be RB-1 except as follows:
1) Base at toilet rooms and showers shall match wall finish. See elevation sheets.
2) Sheet Rubber flooring will have a 4 inch integral coved base in the following rooms: OR's, C-Section, Soiled Utility, Staff Toilets, Patient Toilets with SR and Triage.
14. Ceilings:
a. See Reflected Ceiling Plans for special ceiling treatments and heights.
b. All soffits at corridors above Patient Room doors will be painted PNTLO-3.
c. All ceilings in Toilet Rooms, ORs, C-Section and Tub Rooms shall be PNTE-2.
15. Millwork:
a. See Q Series drawings for location of finishes.
16. Misc:
a. All hollow metal door frames and hollow metal window frames shall be painted PNT-2.
b. All doors stained to match PL-1.

C. Schedule of Elevator Cab Finishes:
1. Flooring:
a. Passenger Elevator:
1) Carpet; CPTT-1.
b. Service Elevator:
1) Sheet Rubber; SR-1.

D. Color Schedule List of Colors:

COLOR SCHEDULE

SECTION	MATERIAL	CODE	MANUFACTURER	MANUFACTURER #	COLOR	PATTERN	EDGE	GRID	FINISH	SIZE	HARDWARE	SERIES	BACKING	LAYOUT	GROUT TYPE	GROUT JOINT	COMMENTS
08 84 13	DECORATIVE POLYMER FABRICATION	DPF-1	3FORM	--	WENGE	ACE PRESSED	--	--	SUPERMATTE	5/16" THICK; CUSTOM PANEL SIZE: 1'-4"W x 5'-0"L	3FORM POINT SUPPORT	--	--	--	--	--	PATIENT CORRIDORS
08 84 13	DECORATIVE POLYMER FABRICATION	DPF-2	3FORM	--	WHITE	VERVE	--	--	STANDARD	4.55"W x 15.5"L	3FORM RECOMMENDED ADHESIVE: 3M DP8010 VHB TAPE	--	--	--	--	--	PATIENT CORRIDORS & DONOR WALL
09 27 19	SCULPTURED GYPSUM PANELS	SGP-1	MODULAR ARTS	--	PNTLO-7	HIVE	--	--	STANDARD	SHEET SIZE: 24" x 32"	--	INTERLOCKINGROCK BLOCKS	--	--	--	--	WAITING ROOMS
09 30 00	TILE	CT-1	DALTILE-VOGUEBAY	DURASTONE-HEXAGON	ASH GREY	--	--	--	MATTE	24" x 20-3/4"	--	CONTACT: ELIZABETH GAMM @ 402.706.5650 OR elizabeth.gamm@daltile.com	--	--	EPOXY	1/16"	LOBBY & ELEVATOR LOBBY FLOORS
09 30 00	TILE	CT-2	RBC BACK BAY	ALET10/4x36	ROVERE GRIGIO	--	--	--	MATTE	4-3/8" x 35-3/8"	--	CONTACT: LISA LAAKER @ 402.331.0665 OR llaaker@rbctile.com	--	--	EPOXY	1/16"	LOBBY & ELEVATOR LOBBY ACCENT
09 30 00	TILE	CT-3	MIRAGE	NO 07	TUBE	--	--	--	NATURAL	36" x 36"	--	NOLITA	--	--	EPOXY: FLOORS; TEC-POWER GROUT: WALLS	1/16"	PUBLIC TOILET FLOOR & WALLS
09 30 00	TILE	CT-4	MIRAGE	NO 07	TUBE	SKYLINE	--	--	NATURAL	8-4/5" x 11-3/5"	--	NOLITA	--	--	TEC-POWER GROUT	1/16"	PUBLIC TOILET WALL ACCENT
09 30 00	TILE	CT-5	DOMUS	TEX	RUNNER 6	--	--	--	MIX OF 5 TEXTURES	79" x 36"	--	--	--	--	TEC-POWER GROUT	N/A	PATIENT TOILET WALL ACCENT
09 30 00	TILE	CT-6	RBC BACK BAY	ALEV30	ICE	--	--	--	MATTE	12" x 24"	--	CONTACT: LISA LAAKER @ 402.331.0665 OR llaaker@rbctile.com	--	12" HORIZONTALLY; 24" VERTICALLY	TEC-POWER GROUT	1/16"	PATIENT TOILET WALLS
09 30 00	TILE	CT-7	RBC BACK BAY	ALEV30	ICE	--	--	--	MATTE	2-1/3" x 2-1/3" MOSAIC	--	CONTACT: LISA LAAKER @ 402.331.0665 OR llaaker@rbctile.com	--	--	EPOXY	N/A	PATIENT TOILET FLOORS
09 30 00	TILE	CT-8	STONE SOURCE	HONEYCOMB B	BIANCO	--	--	--	MATTE	12" x 12" MOSAIC	--	MUTINA COLLECTION-PHENOMENON	--	--	TEC-POWER GROUT	N/A	ELEVATOR CORE WALLS
09 51 00	ACOUSTICAL MATERIAL	AM-1	ARMSTRONG	3250	WHITE	--	SQUAR TEGULAR	CG-1	--	24" x 24" x 1"	--	OPTIMA OPEN PLAN	--	--	--	--	BUILDING STANDARD
09 51 00	ACOUSTICAL MATERIAL	AM-2	ARMSTRONG	1715	WHITE	--	SQUARE	CG-2	--	24" x 24" x 1/2"	--	CLEAN ROOM FL NON PERFORATED	--	--	--	--	OR
09 65 13	RESILENT BASE	RB-1	ROPPE	--	DOLPHIN	--	--	--	--	4"	--	RUBBER	--	--	--	--	BASE
09 65 15	SHEET VINYL	SV-1	TUF STUF	PY-42604	PIER PRESSURE	--	--	--	--	6' WIDE	--	PLANK YOU...VERY MUCH	--	--	--	--	WOOD LOOK
09 65 15	SHEET VINYL	SV-2	MANNINGTON	VIV023	PARCHMENT	PERENNIAL	--	--	--	9' WIDE	--	VIVENDI	--	--	--	--	ORGANIC LOOK
09 65 18	SHEET RUBBER	SR-1	NORA	6506	CASHMERE	--	--	--	--	3MM	--	SENTICA	--	--	--	--	FIELD
09 65 18	SHEET RUBBER	SR-2	NORA	6507	OLD OAK	--	--	--	--	3MM	--	SENTICA	--	--	--	--	ACCENT
09 65 18	SHEET RUBBER	SR-3	NORA	6521	SUNDAY PAPER	--	--	--	--	3MM	--	SENTICA	--	--	--	--	ACCENT
09 65 18	SHEET RUBBER	SR-4	NORA	6522	EXPEDITION	--	--	--	--	3MM	--	SENTICA	--	--	--	--	ACCENT
09 65 18	SHEET RUBBER	SR-5	NORA	6523	ROAD TRIP	--	--	--	--	3MM	--	SENTICA	--	--	--	--	ACCENT
09 65 18	SHEET RUBBER	SR-6	NORA	2954	IRISH MOSS	--	--	--	--	3MM	--	ENVIRONCARE	--	--	--	--	GREEN ACCENT
09 65 18	SHEET RUBBER	SR-7	NORA	6514	HEAT WAVE	--	--	--	--	3MM	--	SENTICA	--	--	--	--	ORANGE ACCENT
09 65 18	SHEET RUBBER	SR-8	NORA	6527	DEEP SEA	--	--	--	--	3MM	--	SENTICA	--	--	--	--	BLUE ACCENT
09 68 13	CARPET TILE	CPTT-1	SHAW	59145	DOLPHIN BRINK 67505	ABSTRACT EDGE TILE	--	--	--	18" x 36"	--	ON THE EDGE	ECOWORX TILE	BRICK	--	--	LOBBY
09 68 13	CARPET TILE	CPTT-2	MASLAND	T429	TITANIUM 04244	--	--	--	--	24" x 24"	--	MOLECULE	WOVEN POLYPROPYLENE	QUARTER TURNED	--	--	WAITING
09 68 13	CARPET TILE	CPTT-3	SHAW	59167	PEWTER LIMIT 67515	MERGE	--	--	--	18" x 36"	--	ON THE EDGE	ECOWORX TILE	BRICK	--	--	OFFICE, CONFERENCE ROOMS
09 72 16	VINYL WALL COVERING	VWC-1	WOLF GORDON	780.07	CHARCOAL GRAY	ALLEN	--	--	--	--	--	--	COTTON	--	--	--	FISRT FLOOR WAITING
09 91 23	PAINT	PNT-2	SHERWIN WILLIAMS	SW7045	INTELLECTUAL GRAY	--	--	--	SATIN	--	--	--	--	--	--	--	DOOR FRAMES
09 91 23	PAINT	PNT-9	WOLF GORDON	--	WHITE	--	--	--	WRITEABLE PAINT	--	--	WINK	--	--	--	--	WRITEABLE PAINT
09 91 23	PAINT (EPOXY)	PNTE-1	SHERWIN WILLIAMS	SW7568	NEUTRAL GROUND	--	--	--	SEMI-GLOSS	--	--	--	--	--	--	--	NEUTRAL
09 91 23	PAINT (EPOXY)	PNTE-2	SHERWIN WILLIAMS	--	CEILING WHITE	--	--	--	SEMI-GLOSS	--	--	--	--	--	--	--	GWB CEILINGS
09 91 23	PAINT (LOW ODOR)	PNTLO-1	SHERWIN WILLIAMS	SW7568	NEUTRAL GROUND	--	--	--	EGGSHELL	--	--	--	--	--	--	--	STANDARD NEUTRAL
09 91 23	PAINT (LOW ODOR)	PNTLO-3	SHERWIN WILLIAMS	SW7020	BLACK FOX	--	--	--	EGGSHELL	--	--	--	--	--	--	--	ACCENT WALL PAINT - GRAY
09 91 23	PAINT (LOW ODOR)	PNTLO-4	SHERWIN WILLIAMS	SW6411	BENGAL GRASS	--	--	--	EGGSHELL	--	--	--	--	--	--	--	ACCENT WALL PAINT - GREEN
09 91 23	PAINT (LOW ODOR)	PNTLO-5	SHERWIN WILLIAMS	SW6636	HUSKY ORANGE	--	--	--	EGGSHELL	--	--	--	--	--	--	--	ACCENT WALL PAINT - ORANGE
09 91 23	PAINT (LOW ODOR)	PNTLO-6	SHERWIN WILLIAMS	SW7620	SEAWORTHY	--	--	--	EGGSHELL	--	--	--	--	--	--	--	ACCENT WALL PAINT - BLUE
09 91 23	PAINT (LOW ODOR)	PNTLO-7	SHERWIN WILLIAMS			--	--	--	EGGSHELL	--	--	--	--	--	--	--	SGP WALLS
09 91 23	PAINT (LOW ODOR)	PNTLO-8	SHERWIN WILLIAMS	--	CEILING WHITE	--	--	--	EGGSHELL	--	--	--	--	--	--	--	GWB CEILINGS
10 26 00	WALL PROTECTION SPECIALTIES	CG	C/S ACROVYN	--	PUMICE 858	--	--	--	SHADOW GRAIN	--	--	--	--	--	--	--	CORNER GUARD
10 26 00	WALL PROTECTION SPECIALTIES	CR	C/S ACROVYN	--	PUMICE 858	--	--	--	SHADOW GRAIN	--	--	--	--	--	--	--	CRASH RAIL
10 26 00	WALL PROTECTION SPECIALTIES	HR	C/S ACROVYN	--	PUMICE 858	--	--	--	SHADOW GRAIN	--	--	--	--	--	--	--	HANDRAIL
10 26 00	WALL PROTECTION SPECIALTIES	SSCG	C/S ACROVYN	--	STAINLESS STEEL	--	--	--	SATIN	--	--	--	--	--	--	--	STERILE AREAS
10 26 00	WALL PROTECTION SPECIALTIES	WG	C/S ACROVYN	--	PUMICE 858	--	--	--	SHADOW GRAIN	--	--	--	--	--	--	--	WALL GUARD
12 34 00	PLASTIC LAMINATE	PL-1	FORMICA	5489-NT	ESPRESSO PEAR	--	DOELLKEN 3984YM	--	NATURELLE	--	--	--	--	--	--	--	CASEWORK TYPICAL
12 34 00	PLASTIC LAMINATE	PL-2	FORMICA	3091	CRYSTAL WHITE	--	SELF EDGE	--	VELOUR	--	--	COLORCORE 2	--	--	--	--	PATIENT ROOM SHELVES
12 36 63	SOLID SURFACE FABRICATION	SSF-1	CORIAN	--	LAVA ROCK	--	--	--	--	--	--	--	--	--	--	--	COUNTER TOPS - TYPICAL
12 36 63	SOLID SURFACE FABRICATION	SSF-2	CORIAN	--	GLACIER WHITE	--	--	--	--	--	--	--	--	--	--	--	INTEGRAL SINKS - TYPICAL
12 36 65	ENGINEERED QUARTZ FABRICATION	EQF-1	CAMBRIA	--	LANESHAW	--	SEACLIFF (Z) EDGE	--	--	--	--	--	--	--	--	--	COUNTER TOPS - SPECIAL
12 48 26	NYLON ENTRANCE TILE	NET-1	THE MOHAWK GROUP	508	CHARCOAL GRAY	--	--	--	--	24" x 24"	--	FIRST STEP	--	QUARTER TURNED	--	--	VESTIBULES

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PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-25-13	BP3-ADDENDUM #1

PROJECT NUMBER	00000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L GOERTZEN
A-2047
STATE OF NEBRASKA

INTERIOR FINISH SCHEDULE

SCALE 1 1/2" = 1'-0"

I-001

CONSTRUCTION DOCUMENTS

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1 INTERIOR FINISH PLAN - FIRST FLOOR - AREA A
1/8" = 1'-0"

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	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Author

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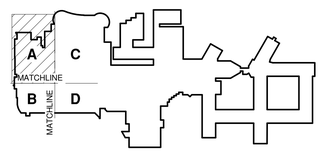
KEY PLAN



INTERIOR FINISH PLAN - FIRST FLOOR - AREA A

SCALE 1/8" = 1'-0"

IN-101A

CONSTRUCTION DOCUMENTS

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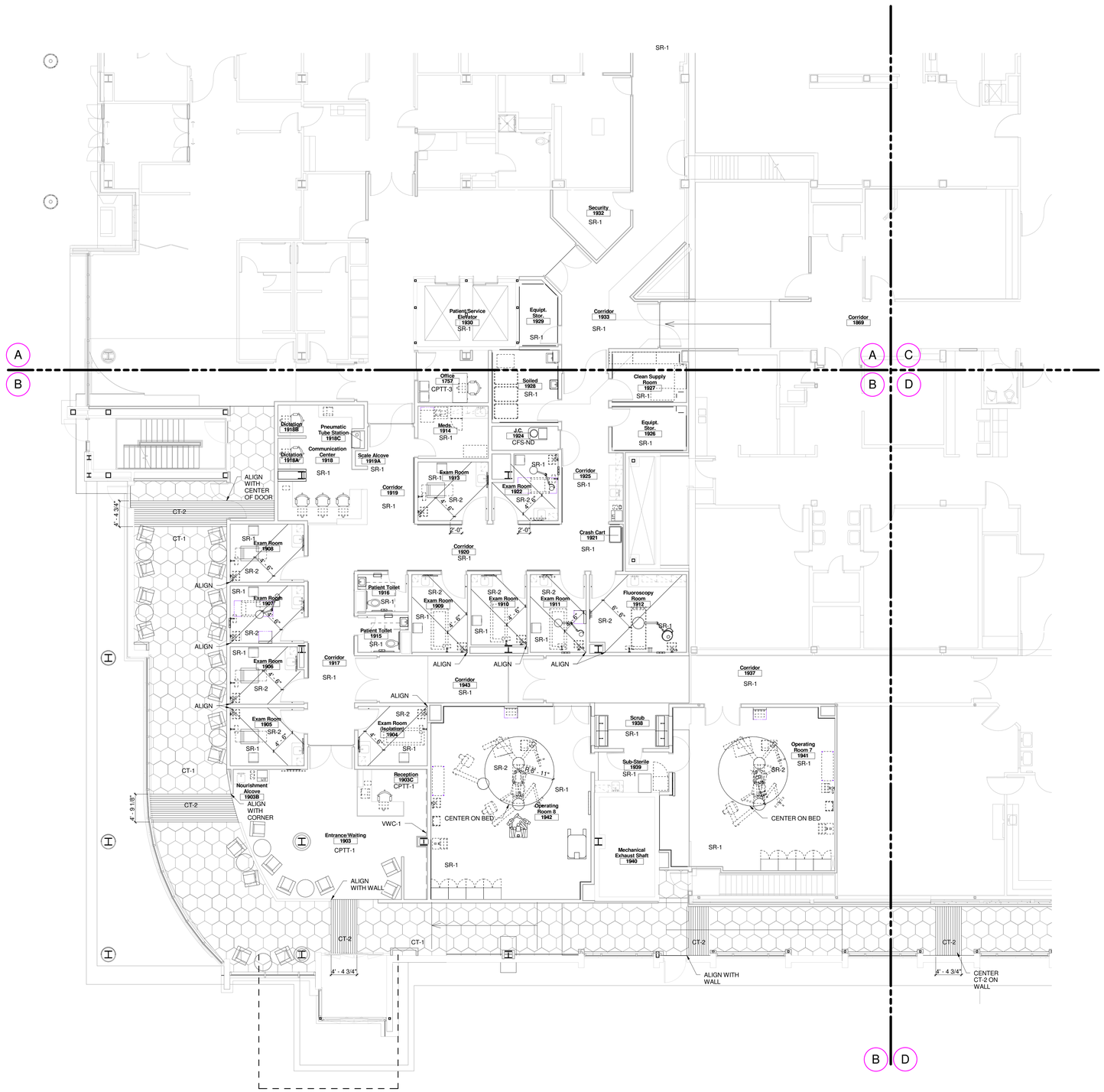

1 INTERIOR FINISH PLAN - FIRST FLOOR - AREA B
1/8" = 1'-0"

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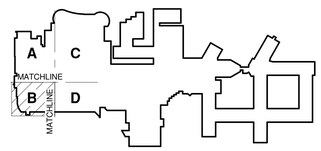
KEY PLAN



INTERIOR FINISH PLAN - FIRST FLOOR AREA B

SCALE 1/8" = 1'-0"

IN-101B

CONSTRUCTION DOCUMENTS

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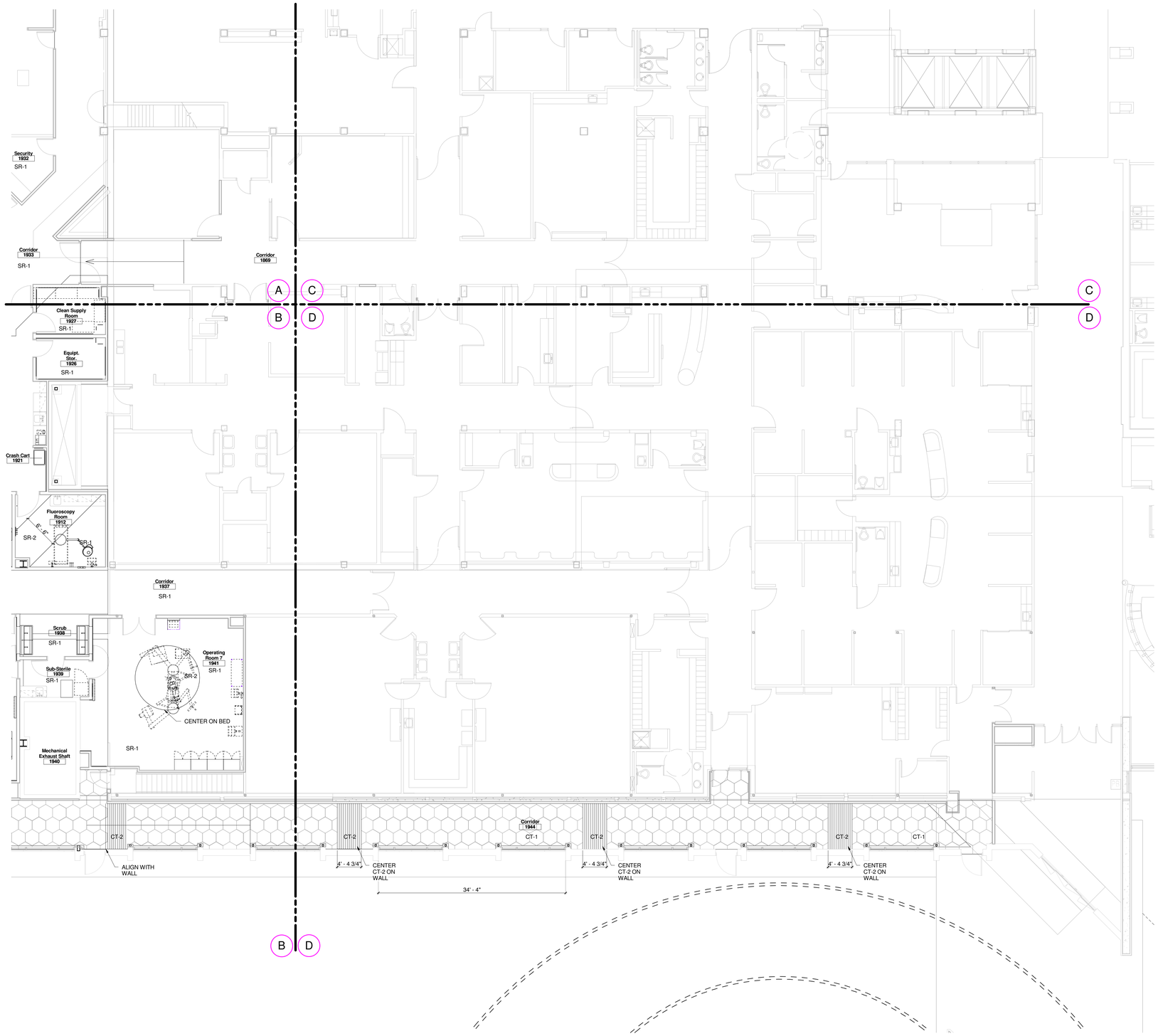

1 INTERIOR FINISH PLAN - FIRST FLOOR - AREA D

1/8" = 1'-0"

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DRAWN BY	Author

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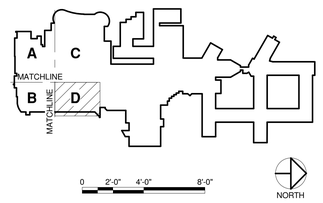
KEY PLAN



INTERIOR FINISH PLAN - FIRST FLOOR AREA D

SCALE 1/8" = 1'-0"

IN-101D

CONSTRUCTION DOCUMENTS

1 INTERIOR FINISH PLAN - THIRD FLOOR - AREA A
1/8" = 1'-0"

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DRAWN BY	Author

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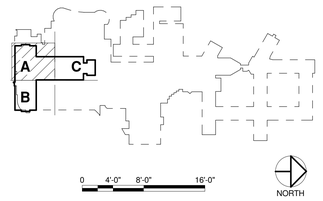

INTERIOR FINISH PLAN - THIRD FLOOR AREA A

SCALE 1/8" = 1'-0"

IN-103A

CONSTRUCTION DOCUMENTS

1 INTERIOR FINISH PLAN - THIRD FLOOR - AREA B
1/8" = 1'-0"

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INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
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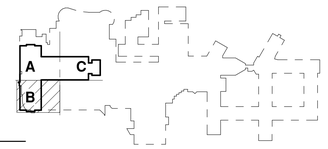
STATE OF NEBRASKA

KEY PLAN



INTERIOR FINISH PLAN - THIRD FLOOR AREA B

SCALE 1/8" = 1'-0"

IN-103B

CONSTRUCTION DOCUMENTS

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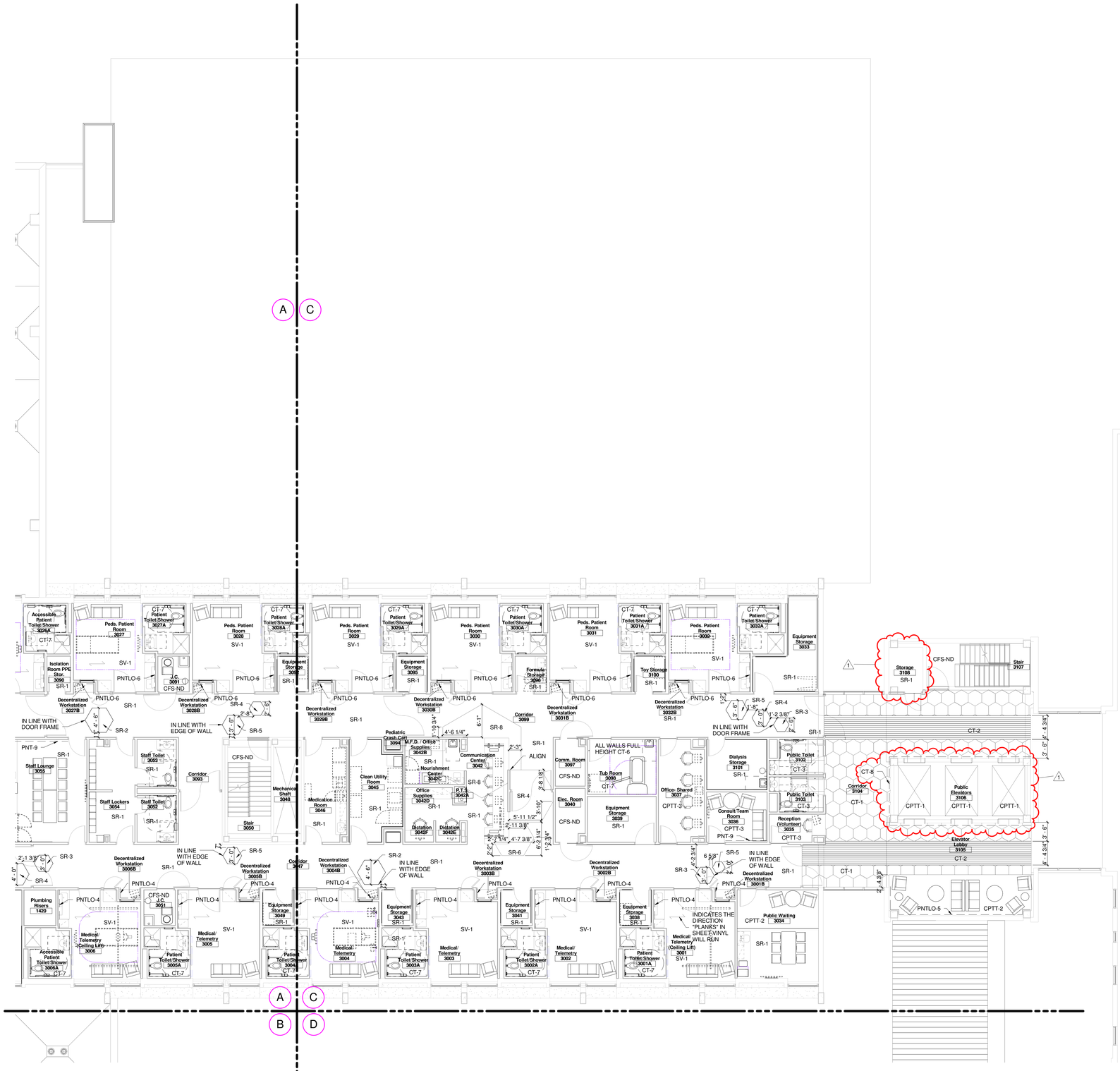

1 INTERIOR FINISH PLAN - THIRD FLOOR - AREA C

1/8" = 1'-0"

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INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
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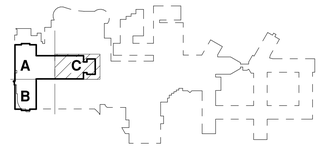
KEY PLAN



INTERIOR FINISH PLAN - THIRD FLOOR AREA C

SCALE 1/8" = 1'-0"

IN-103C

CONSTRUCTION DOCUMENTS

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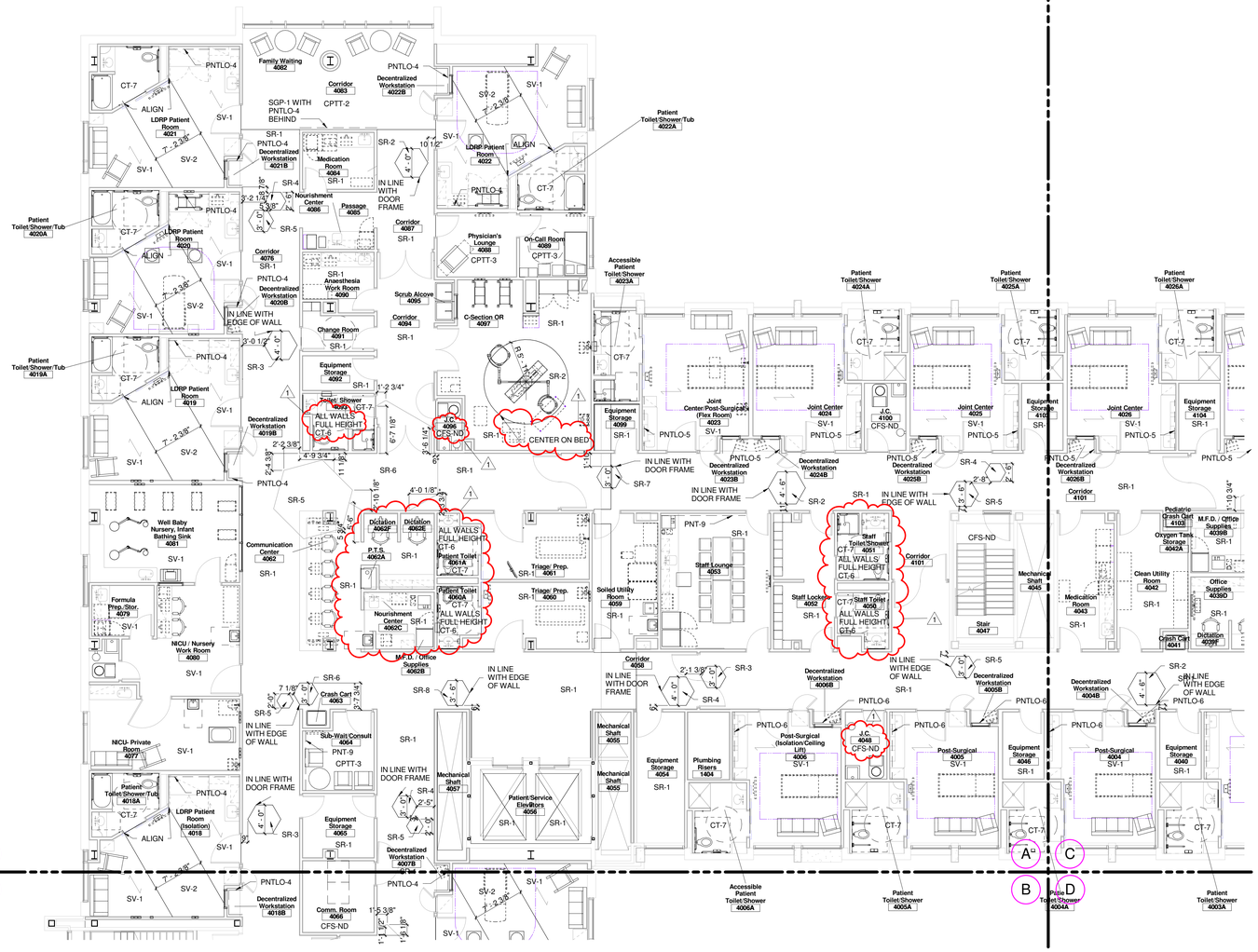

1 04_INTERIOR FINISH PLAN - FOURTH FLOOR - AREA A

1/8" = 1'-0"

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BID PACKAGE #2

MARK	DATE	DESCRIPTION
1	11-25-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goetzsen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L. GOETZSEN
A-2047
STATE OF NEBRASKA

KEY PLAN

0 4'-0" 8'-0" 16'-0"

NORTH

INTERIOR FINISH PLAN - FOURTH FLOOR AREA A

SCALE 1/8" = 1'-0"

IN-104A

CONSTRUCTION DOCUMENTS

1 04_INTERIOR FINISH PLAN - FOURTH FLOOR - AREA B

1/8" = 1'-0"

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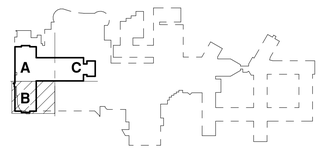
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

KEY PLAN

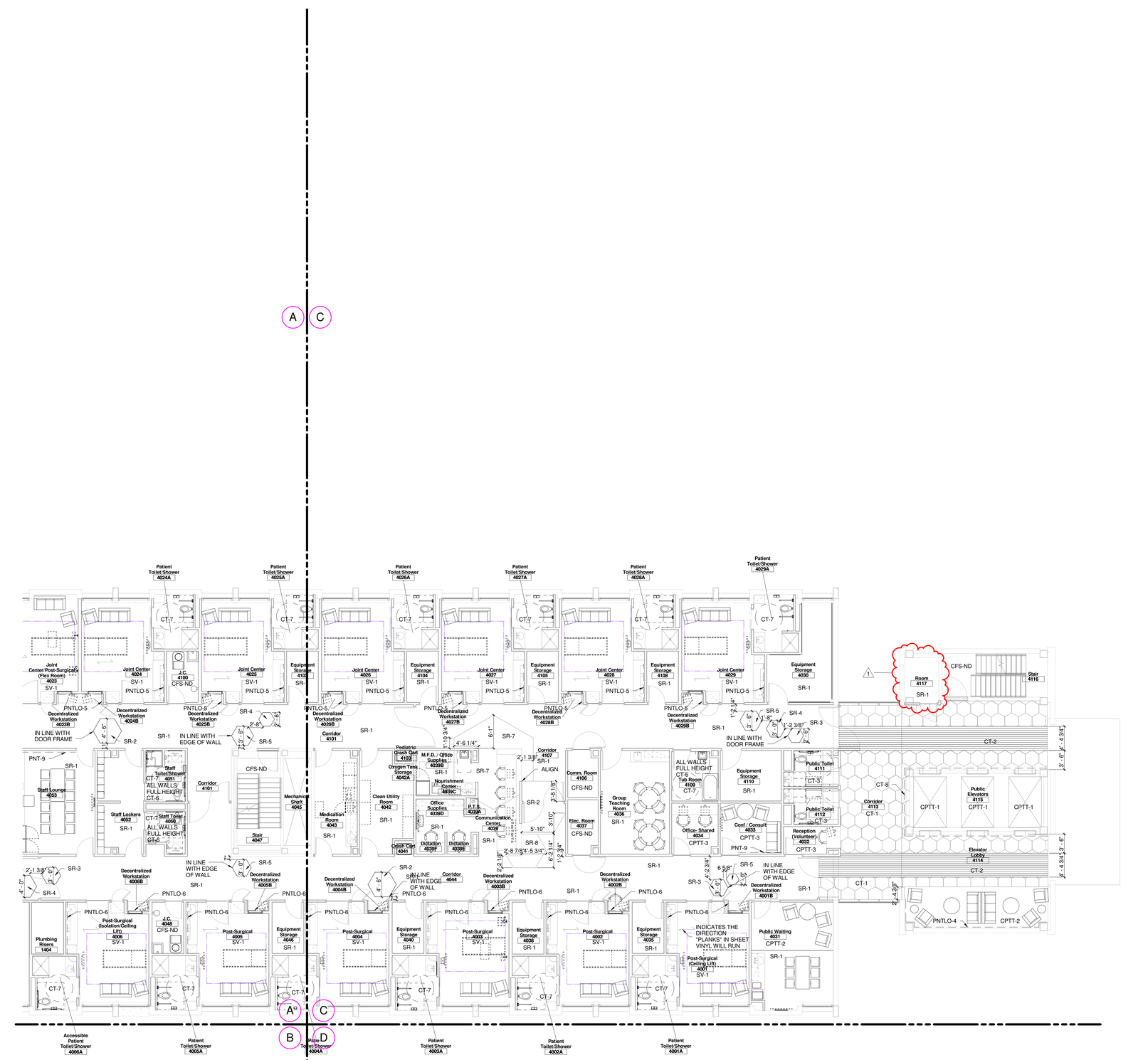


INTERIOR FINISH PLAN - FOURTH FLOOR AREA B

SCALE 1/8" = 1'-0"

IN-104B

CONSTRUCTION DOCUMENTS



1 04_INTERIOR FINISH PLAN - FOURTH FLOOR - AREA C

1/8" = 1'-0"

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	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Author

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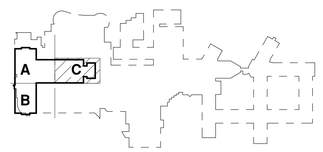
KEY PLAN



INTERIOR FINISH PLAN - FOURTH FLOOR AREA C

SCALE 1/8" = 1'-0"

IN-104C

CONSTRUCTION DOCUMENTS

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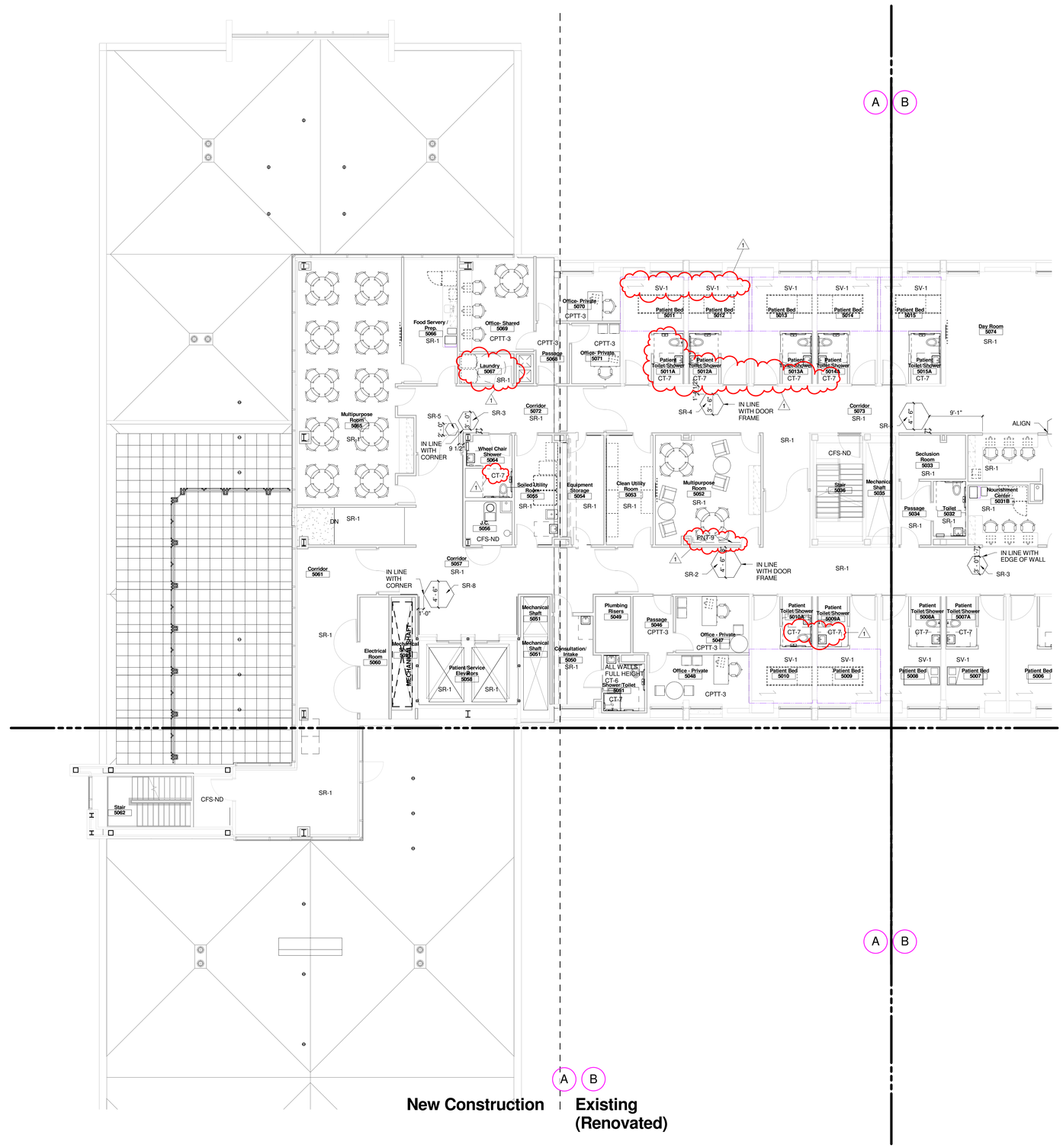

1 INTERIOR FINISH PLAN - FIFTH FLOOR - AREA A

1/8" = 1'-0"

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PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

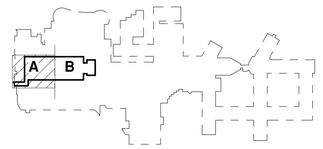
BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-25-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L GOERTZEN
A-2047
STATE OF NEBRASKA

KEY PLAN



INTERIOR FINISH PLAN - FIFTH FLOOR AREA A

SCALE 1/8" = 1'-0"

IN-105A

CONSTRUCTION DOCUMENTS

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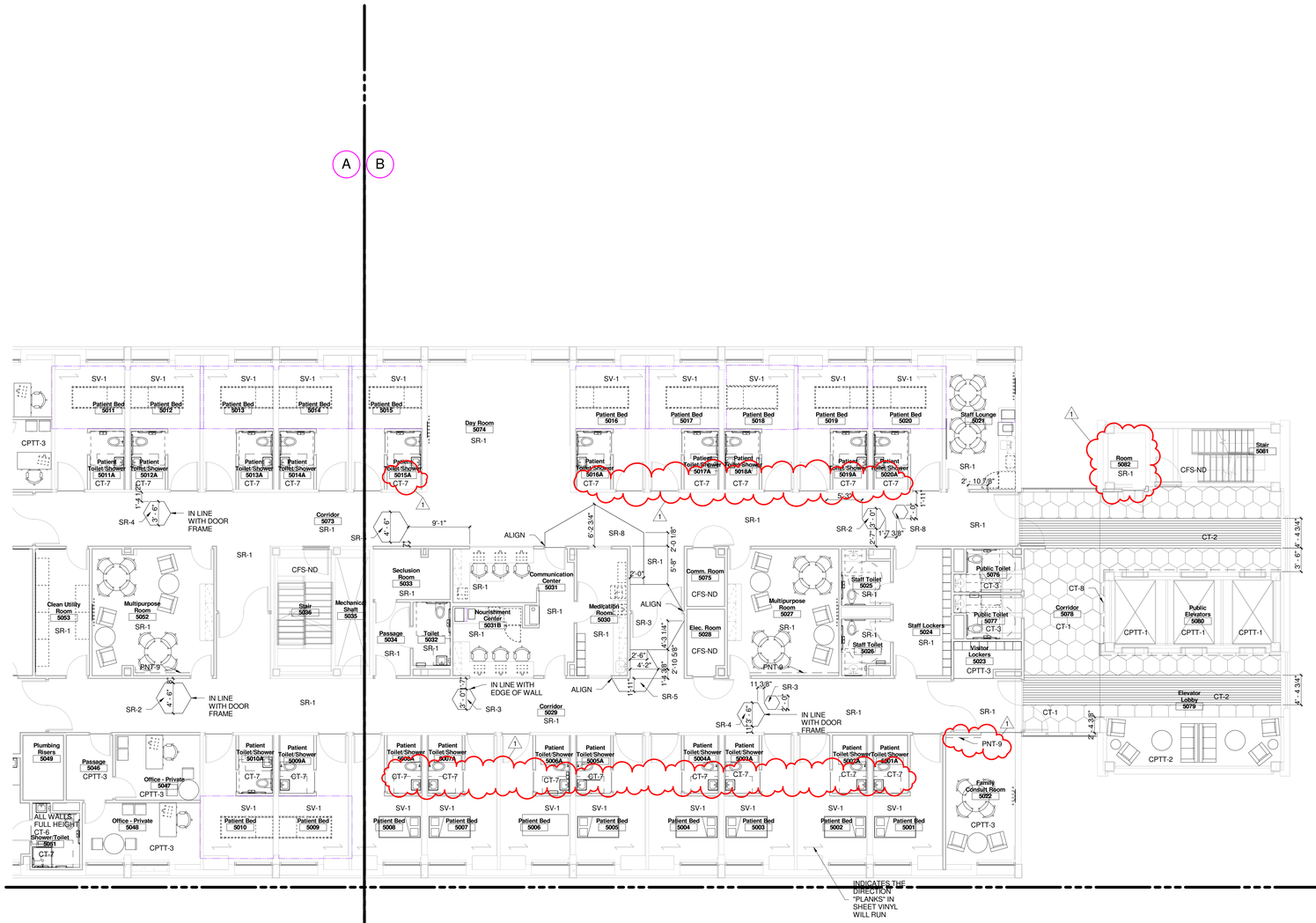

1 INTERIOR FINISH PLAN - FIFTH FLOOR - AREA B

1/8" = 1'-0"

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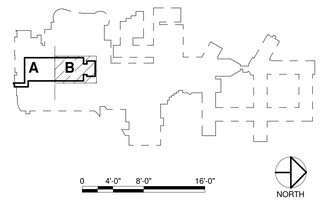
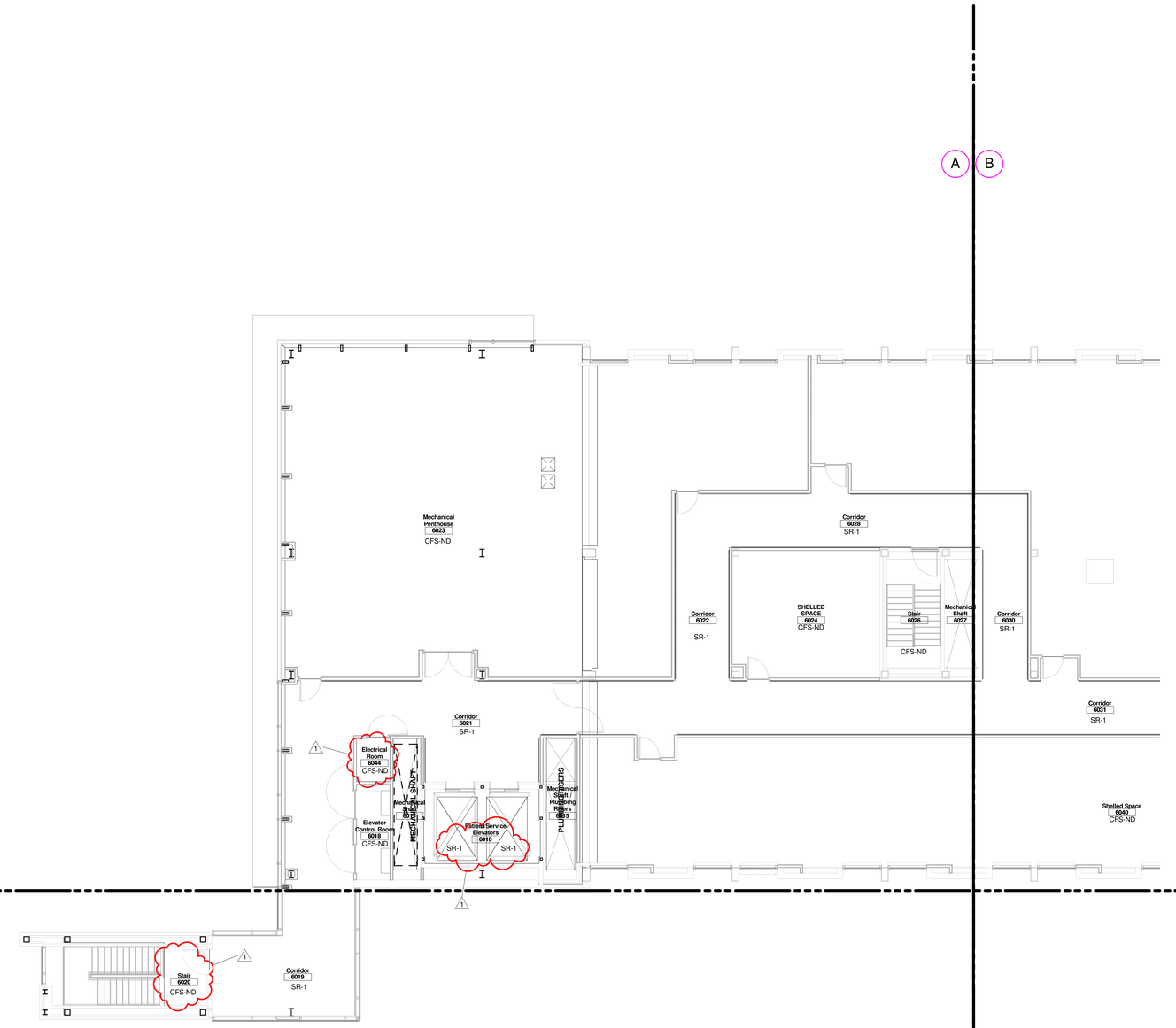


INTERIOR FINISH PLAN - FIFTH FLOOR AREA B

SCALE 1/8" = 1'-0"

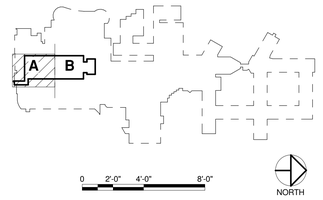
IN-105B

CONSTRUCTION DOCUMENTS



1 INTERIOR FINISH PLAN - SIXTH FLOOR - AREA A
1/8" = 1'-0"

KEY PLAN



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INTERIOR FINISH PLAN - SIXTH FLOOR AREA A

SCALE 1/8" = 1'-0"

IN-106A

CONSTRUCTION DOCUMENTS

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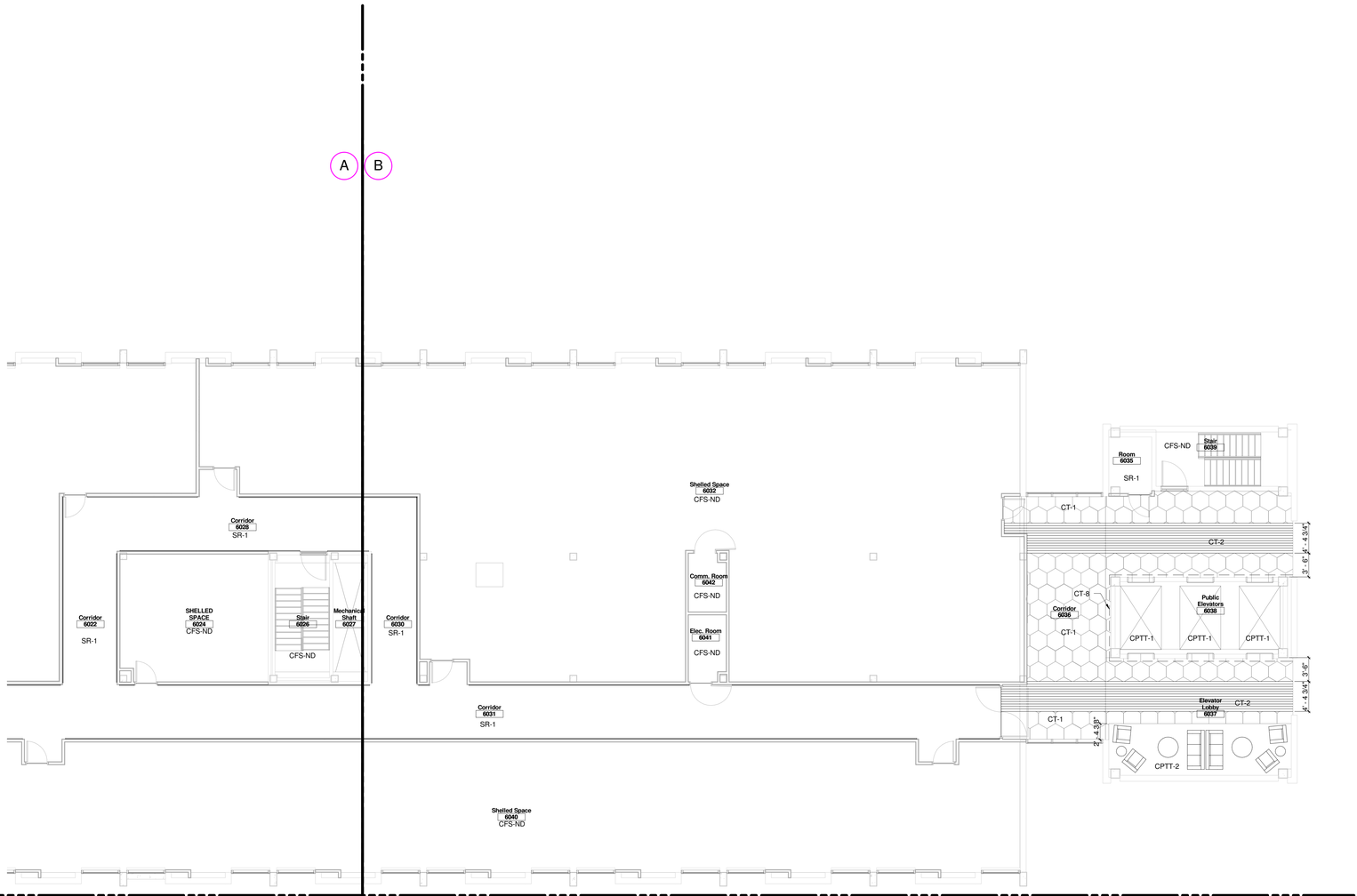

1 INTERIOR FINISH PLAN - SIXTH FLOOR - AREA B
1/8" = 1'-0"

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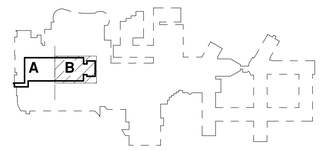
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

KEY PLAN

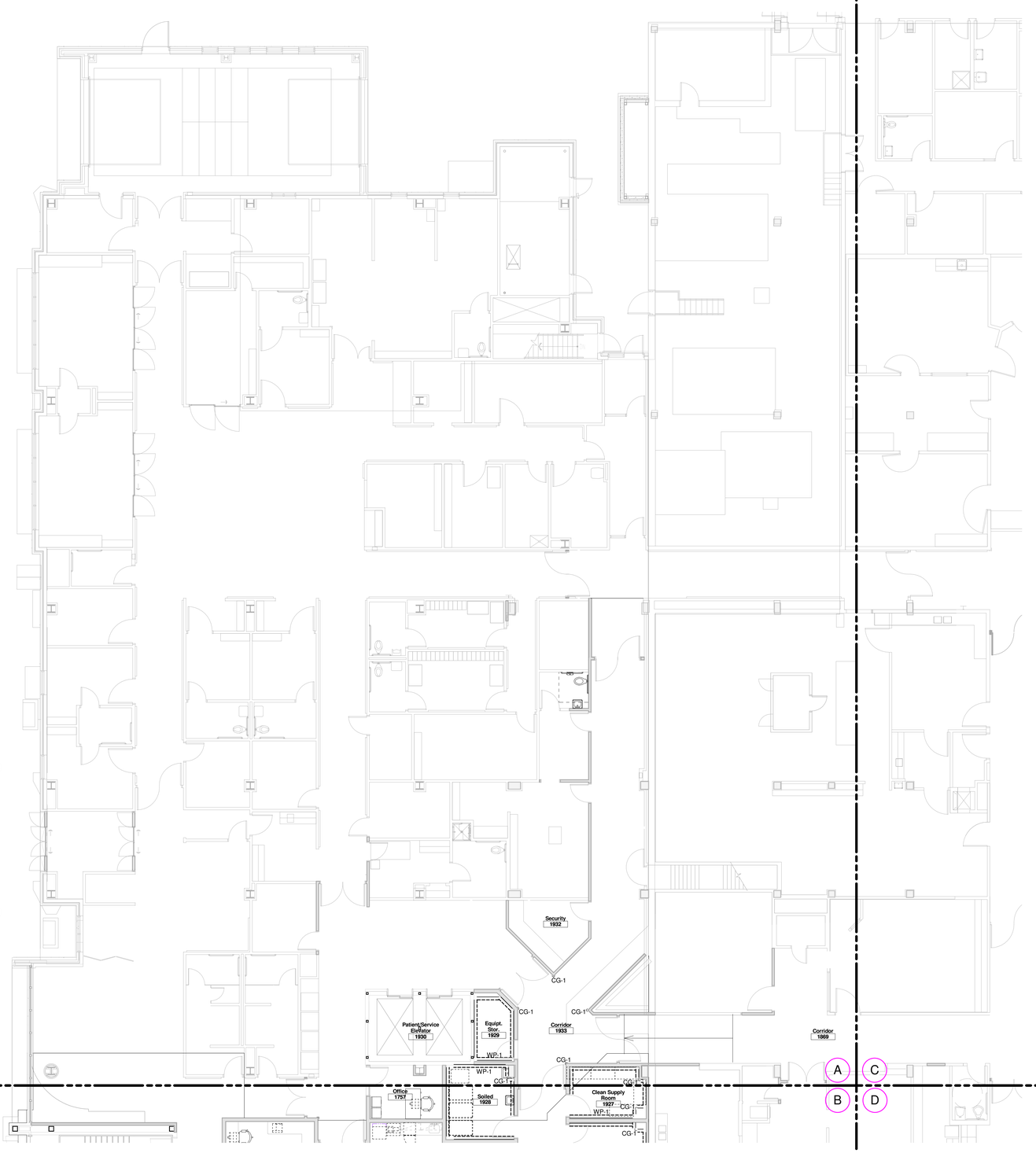


INTERIOR FINISH PLAN - SIXTH FLOOR AREA B

SCALE 1/8" = 1'-0"

IN-106B

CONSTRUCTION DOCUMENTS



1 INTERIOR WALL PROTECTION PLAN - FIRST FLOOR - AREA A

1/8" = 1'-0"

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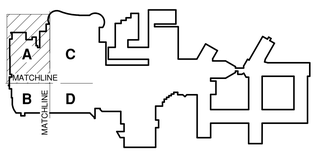
STATE OF NEBRASKA

KEY PLAN



0 4'-0" 8'-0" 16'-0"

NORTH

WALL PROTECTION PLAN - FIRST FLOOR AREA A

SCALE 1/8" = 1'-0"

IW-101A

CONSTRUCTION DOCUMENTS

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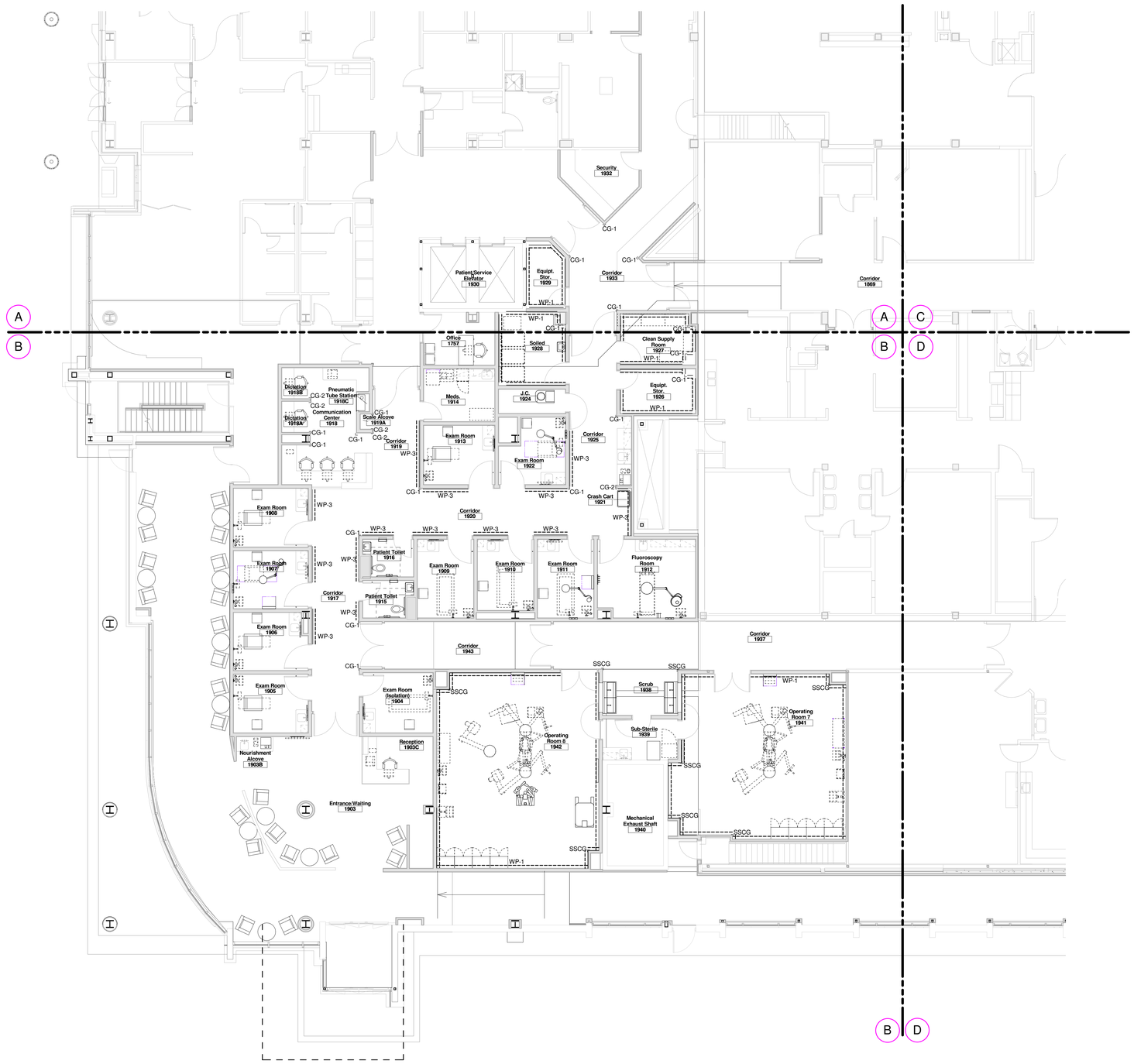
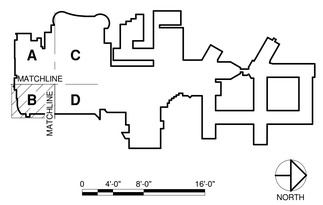


1 INTERIOR WALL PROTECTION PLAN - FIRST FLOOR - AREA B
1/8" = 1'-0"

KEY PLAN



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EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

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STATE OF NEBRASKA

WALL PROTECTION PLAN - FIRST FLOOR AREA B

SCALE 1/8" = 1'-0"

IW-101B

CONSTRUCTION DOCUMENTS

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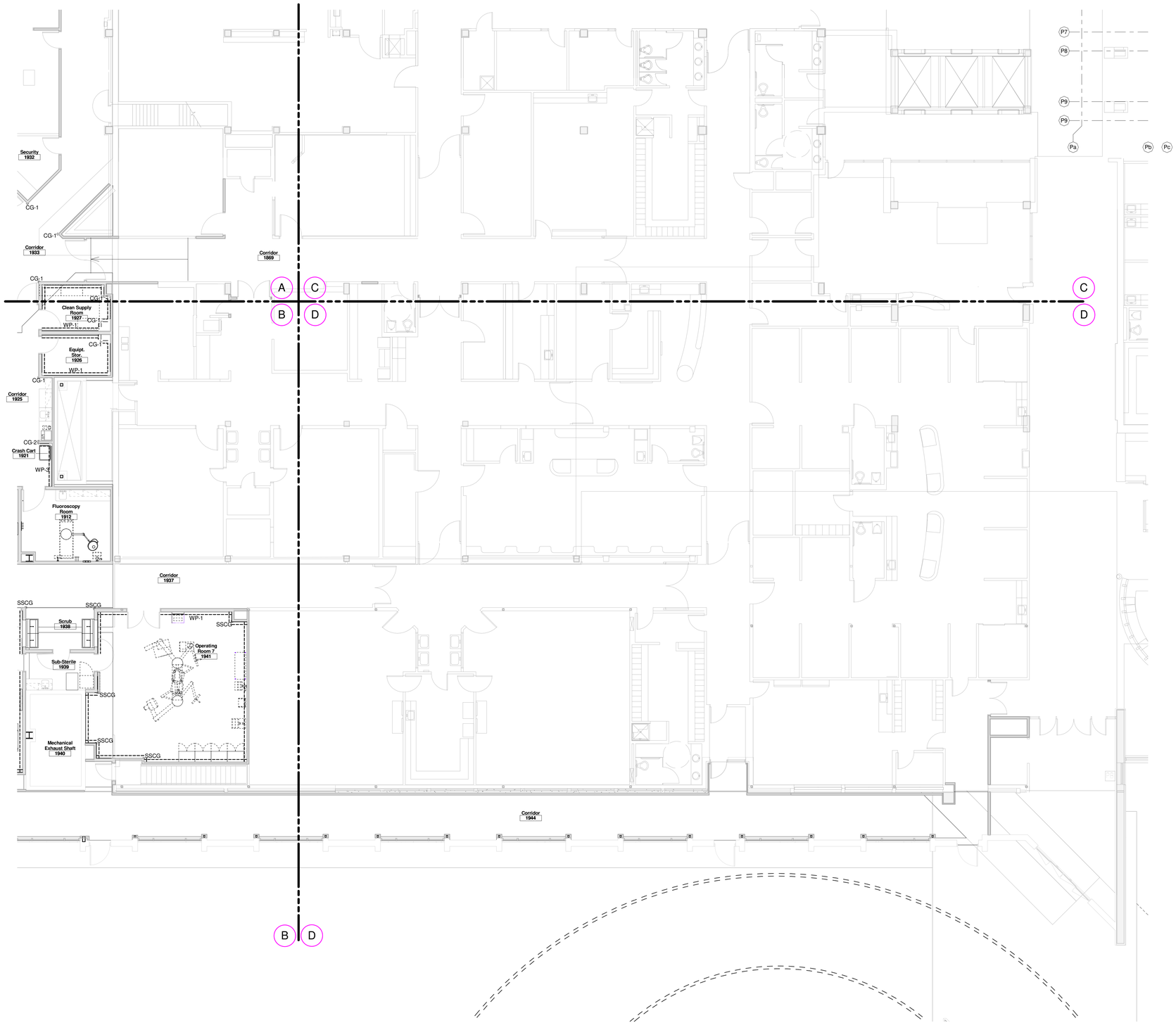

1 INTERIOR WALL PROTECTION PLAN - FIRST FLOOR - AREA D

1/8" = 1'-0"

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	DRAWN BY	Author

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A-2047
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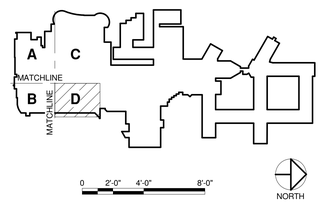
KEY PLAN

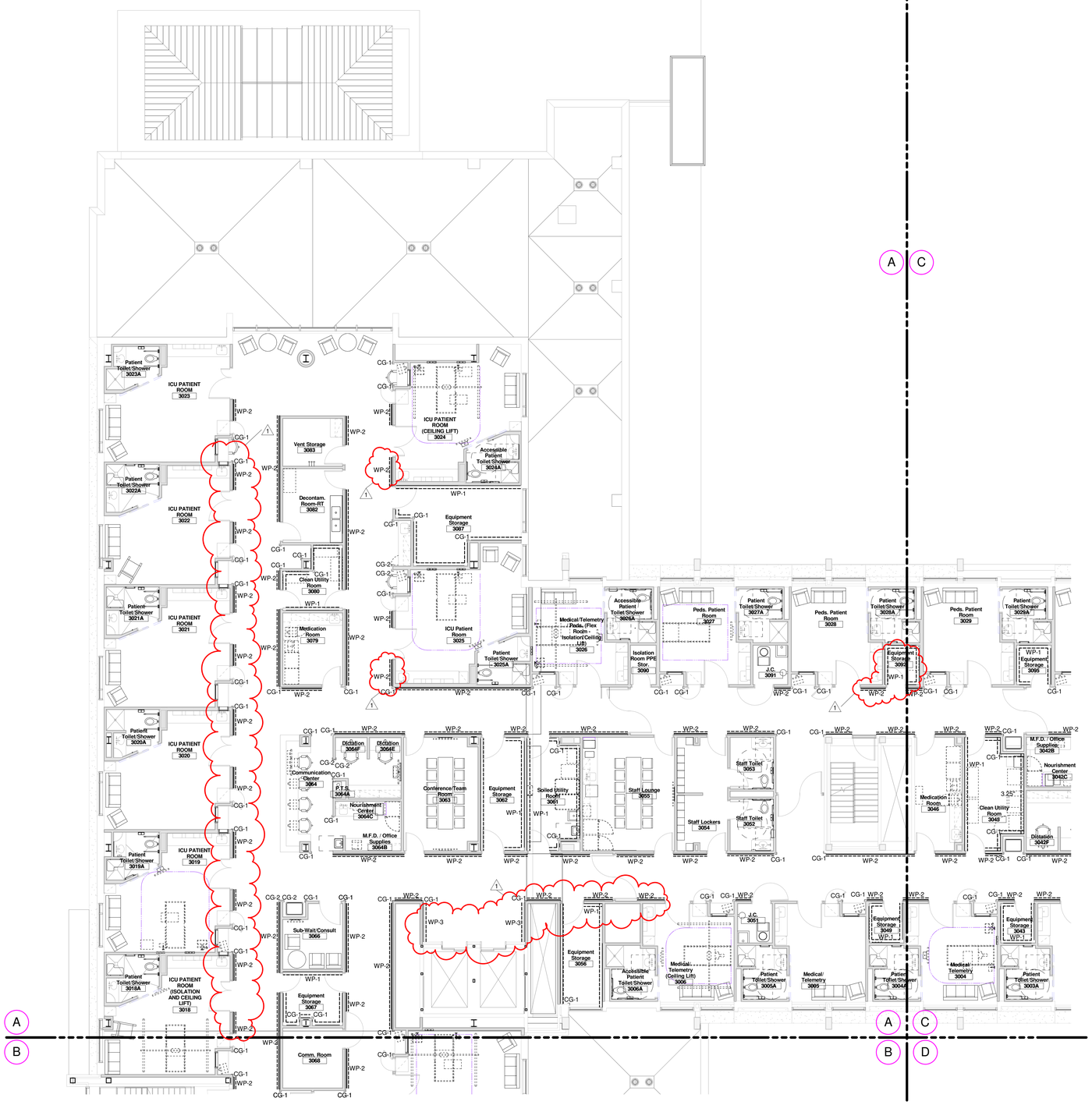


WALL PROTECTION PLAN - FIRST FLOOR AREA D

SCALE 1/8" = 1'-0"

IW-101D

CONSTRUCTION DOCUMENTS



1 INTERIOR WALL PROTECTION PLAN - THIRD FLOOR - AREA A

1/8" = 1'-0"

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DRAWN BY	Author

ARCHITECT
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A-2047
STATE OF NEBRASKA

KEY PLAN

WALL PROTECTION PLAN - THIRD FLOOR AREA A

SCALE 1/8" = 1'-0"

IW-103A

CONSTRUCTION DOCUMENTS

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1 INTERIOR WALL PROTECTION PLAN - THIRD FLOOR - AREA B
1/8" = 1'-0"

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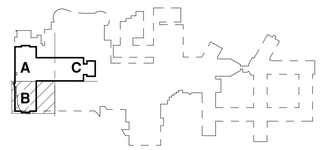

WALL PROTECTION PLAN - THIRD FLOOR AREA B

SCALE 1/8" = 1'-0"

IW-103B

CONSTRUCTION DOCUMENTS

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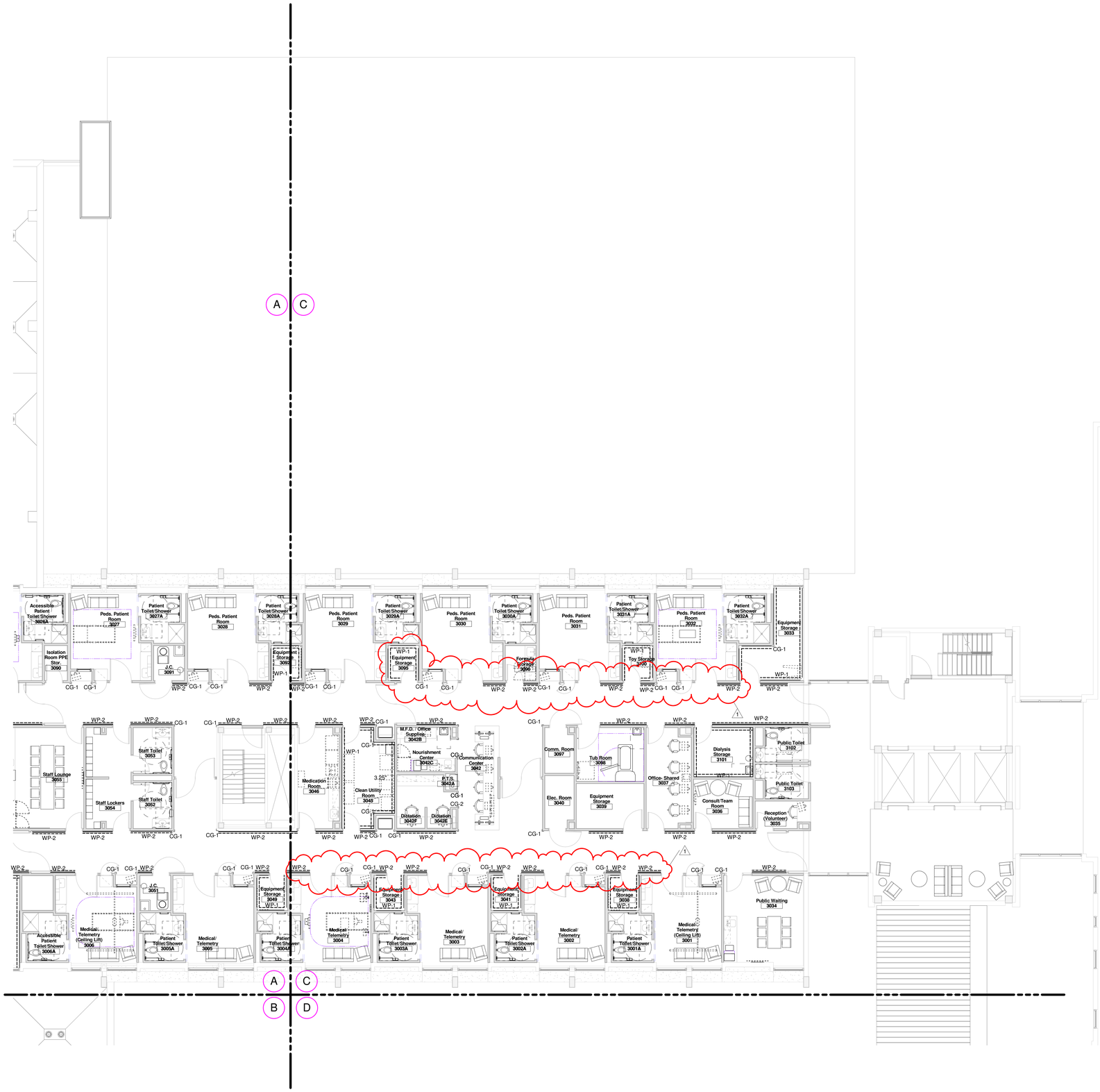
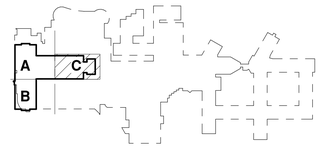


1 INTERIOR WALL PROTECTION PLAN - THIRD FLOOR - AREA C

1/8" = 1'-0"

KEY PLAN



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IW-103C

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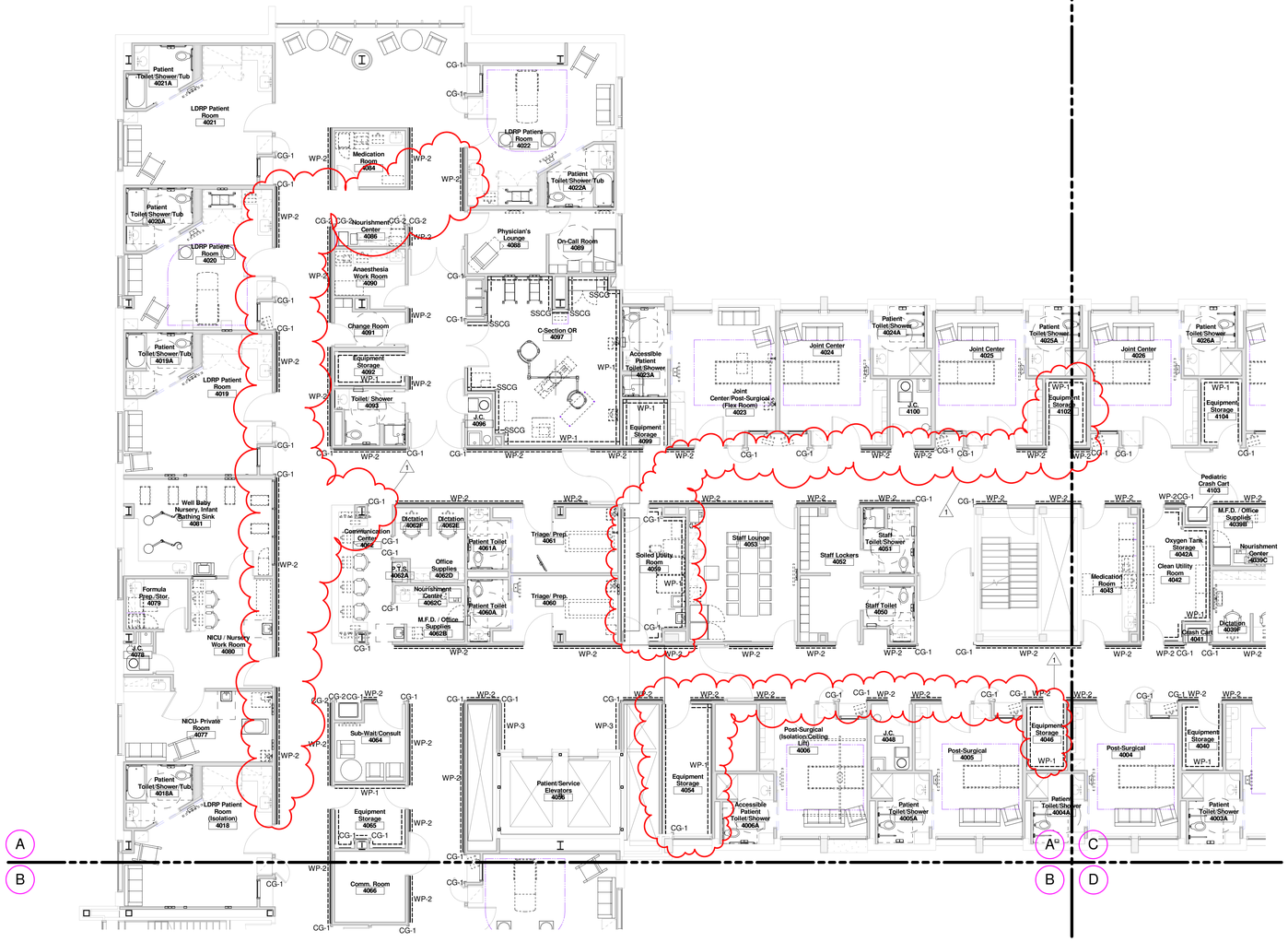

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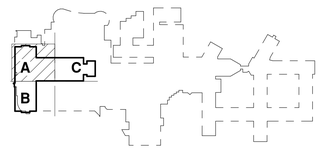

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PROJECT DESIGNER		Brian Zabloudil
PROJECT ARCHITECT		Jeff Bahr
LANDSCAPE ARCHITECT		Brad Swerczek
CIVIL ENGINEER		-
STRUCTURAL ENGINEER		Doug Sholl
MECHANICAL ENGINEER		Todd Kubicek
ELECTRICAL ENGINEER		Kris Burnham
INTERIOR DESIGNER		Jill McFee
EQUIPMENT PLANNER		Greg Olsen
DRAWN BY		Author

ARCHITECT * MICHAEL L. GOERTZEN A-2047 * STATE OF NEBRASKA

WALL PROTECTION PLAN - FOURTH FLOOR AREA A

SCALE 1/8" = 1'-0"

IW-104A

CONSTRUCTION DOCUMENTS

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11/22/2013 4:04:06 PM

1 INTERIOR WALL PROTECTION PLAN - FOURTH FLOOR - AREA B

1/8" = 1'-0"

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Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-25-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
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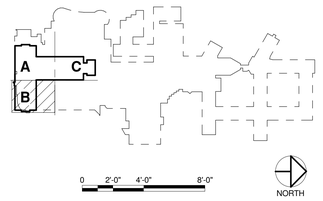
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

KEY PLAN



WALL PROTECTION PLAN - FOURTH FLOOR AREA B

SCALE 1/8" = 1'-0"

IW-104B

CONSTRUCTION DOCUMENTS

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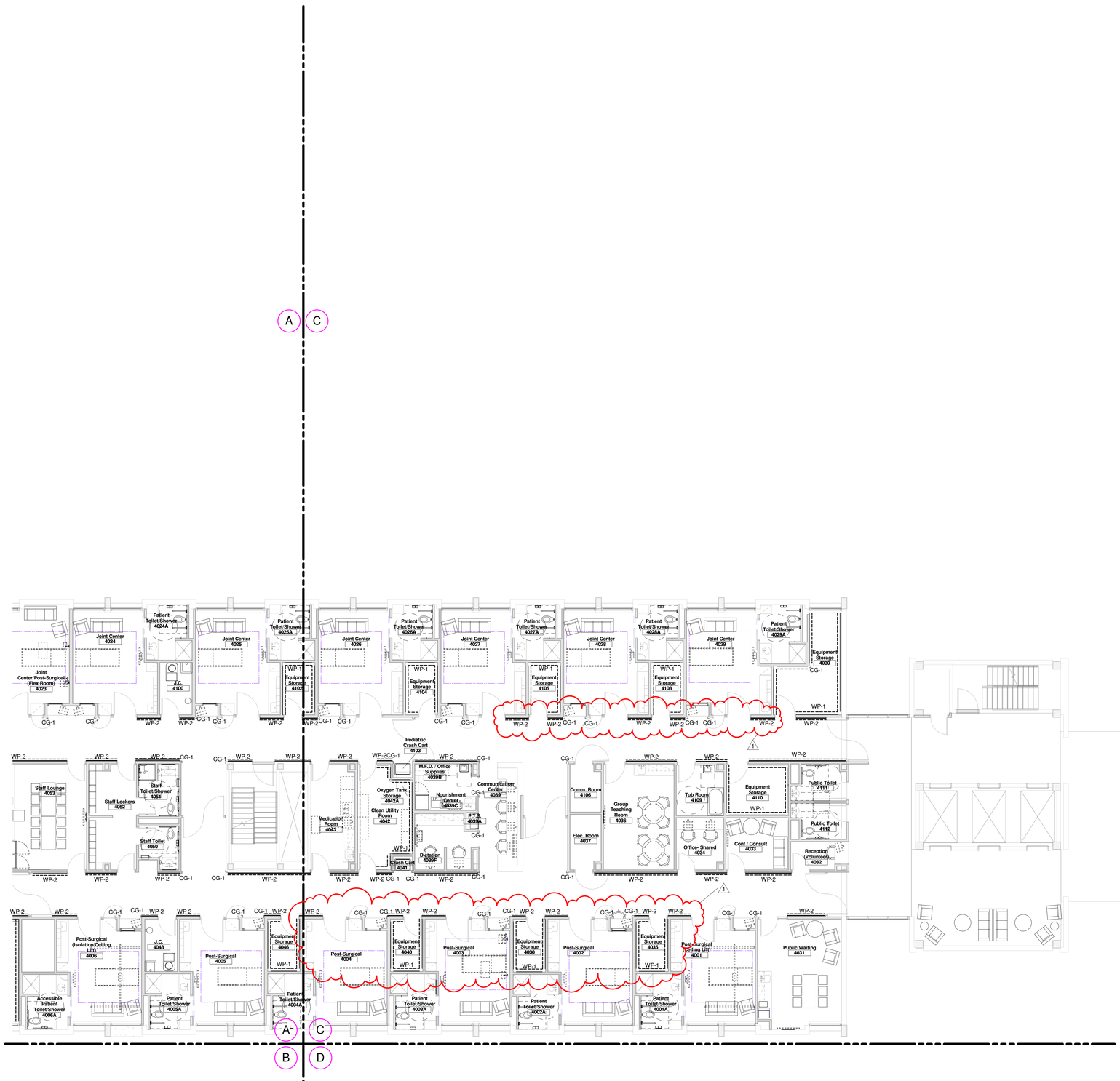

1 INTERIOR WALL PROTECTION PLAN - FOURTH FLOOR - AREA C

1/8" = 1'-0"

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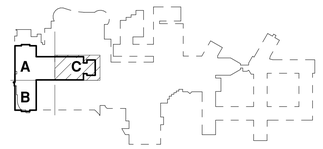
DRAWN BY	Author

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

KEY PLAN



WALL PROTECTION PLAN - FOURTH FLOOR AREA C

SCALE 1/8" = 1'-0"

IW-104C

CONSTRUCTION DOCUMENTS

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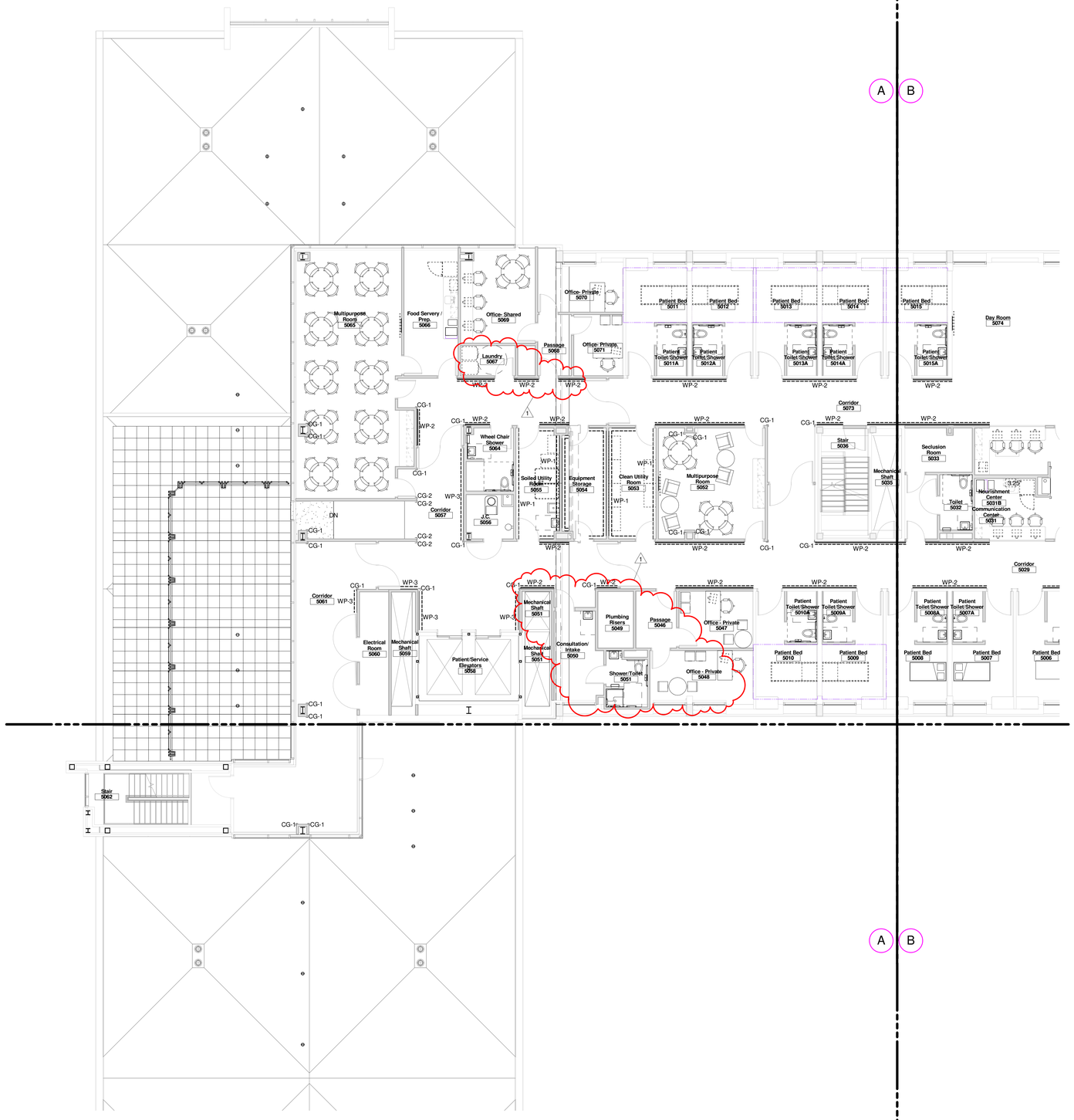

1 INTERIOR WALL PROTECTION PLAN - FIFTH FLOOR - AREA A

1/8" = 1'-0"

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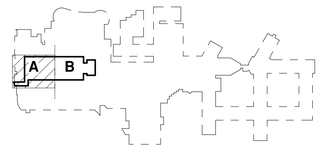
A-2047
STATE OF NEBRASKA

KEY PLAN



WALL PROTECTION PLAN - FIFTH FLOOR AREA A

SCALE 1/8" = 1'-0"

IW-105A

CONSTRUCTION DOCUMENTS

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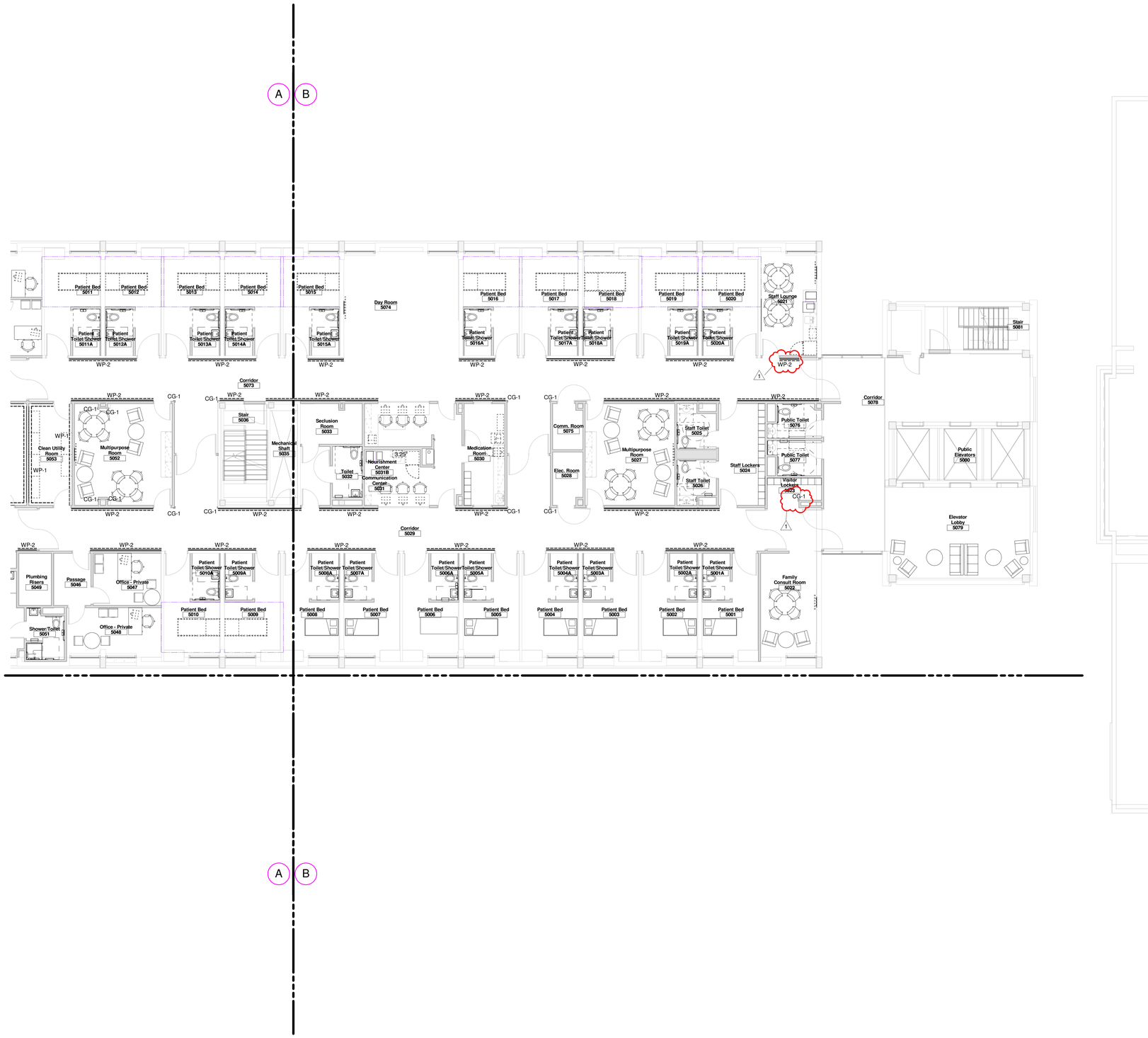

1 INTERIOR WALL PROTECTION PLAN - FIFTH FLOOR - AREA B
1/8" = 1'-0"

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A-2047
STATE OF NEBRASKA

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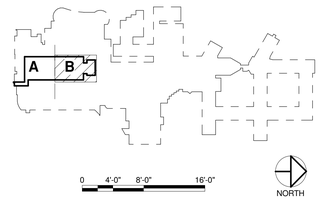
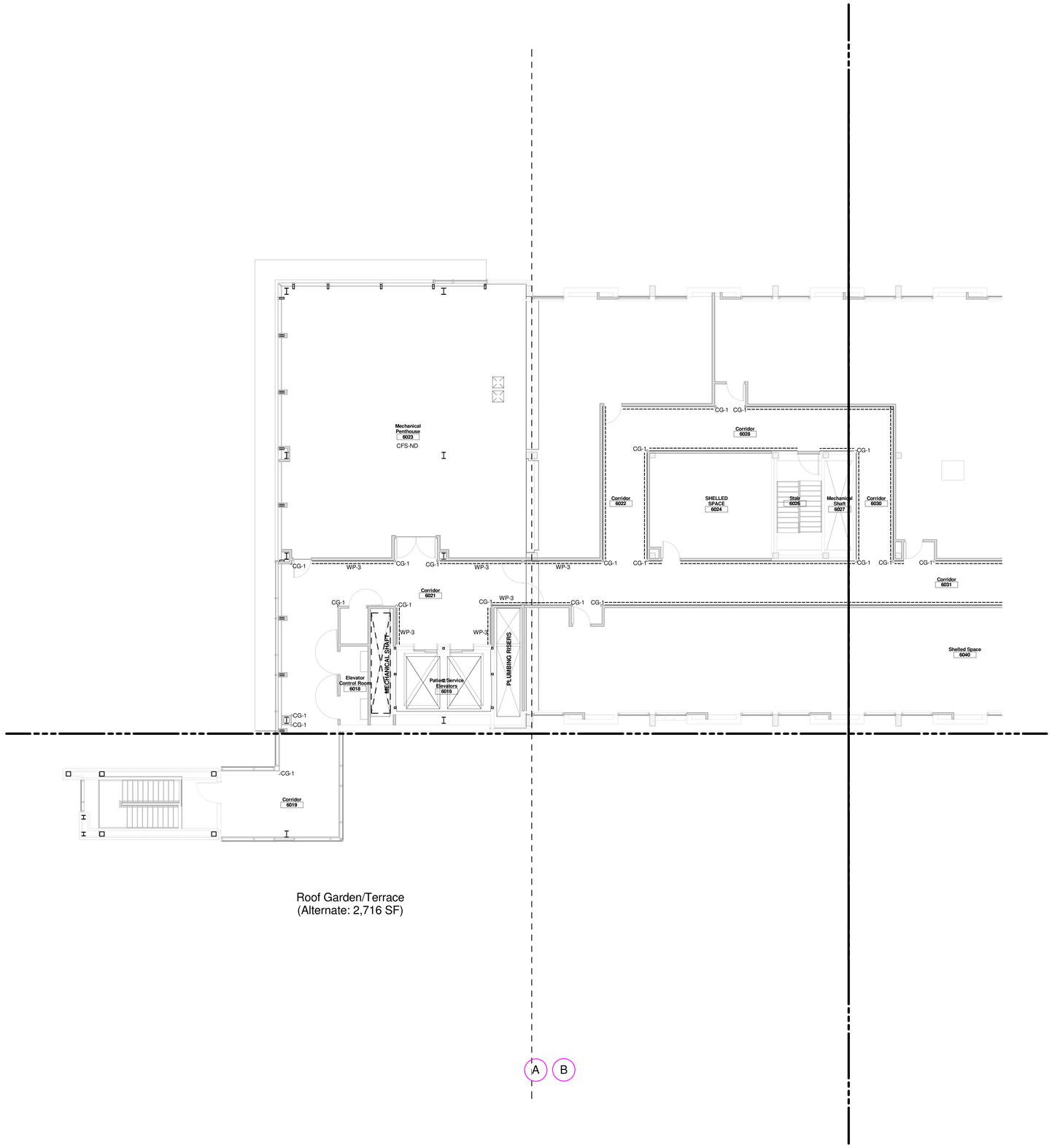


WALL PROTECTION PLAN - FIFTH FLOOR AREA B

SCALE 1/8" = 1'-0"

IW-105B

CONSTRUCTION DOCUMENTS



Roof Garden/Terrace
(Alternate: 2,716 SF)

1 06_INTERIOR WALL PROTECTION PLAN - SIXTH FLOOR - AREA A
1/8" = 1'-0"

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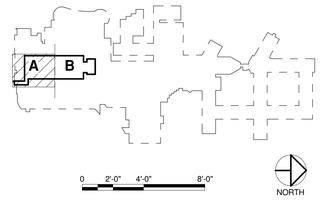
A-2047
STATE OF NEBRASKA

KEY PLAN



WALL PROTECTION PLAN - SIXTH FLOOR AREA A

SCALE 1/8" = 1'-0"

IW-106A

CONSTRUCTION DOCUMENTS

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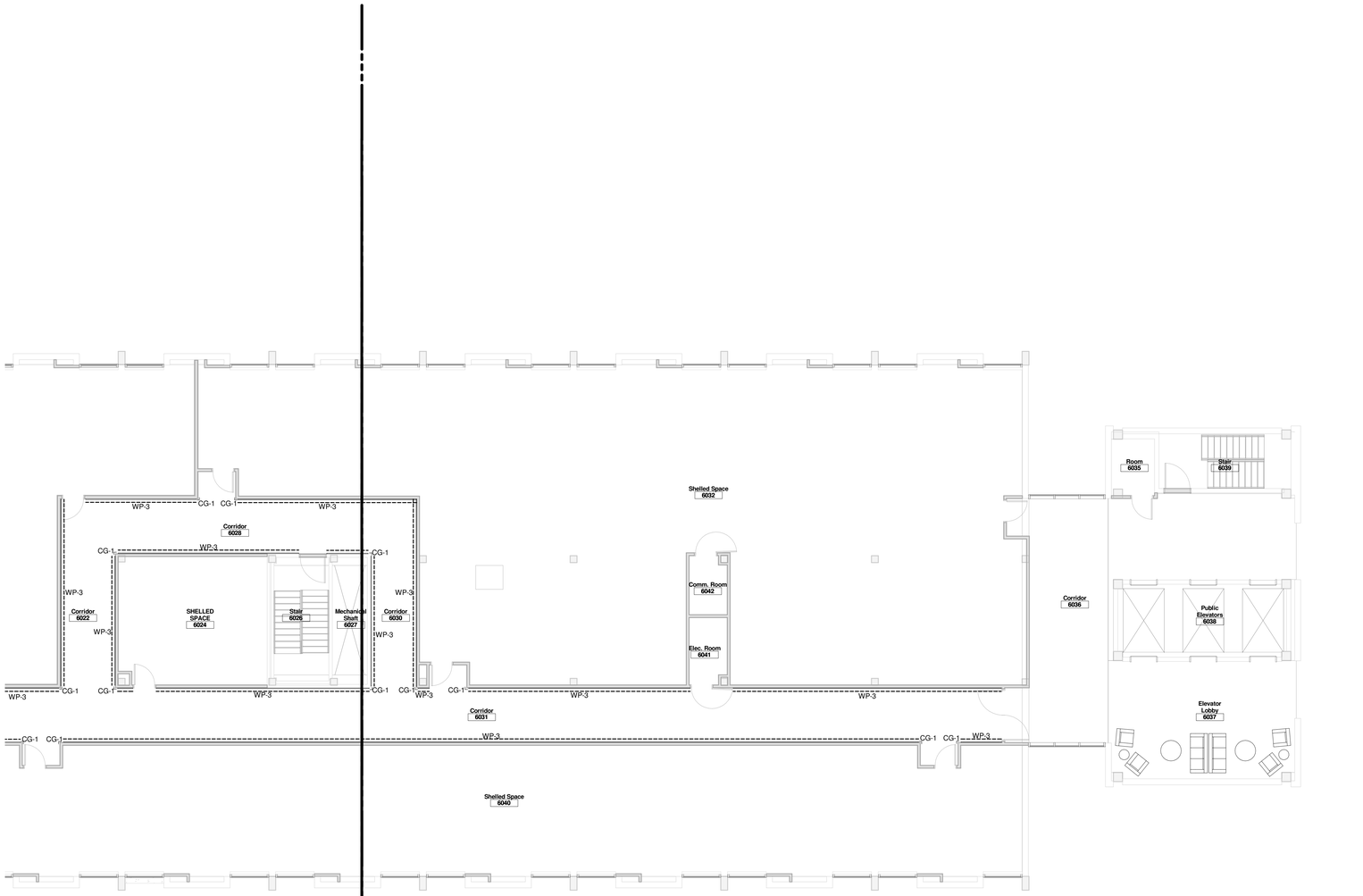

1 06_INTERIOR WALL PROTECTION PLAN - SIXTH FLOOR - AREA B

1/8" = 1'-0"

C:\rvt\19772dA-ACENTRAL_jmdike.rvt
11/24/2013 1:35:05 PM

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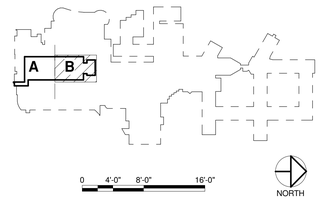
A-2047
STATE OF NEBRASKA

KEY PLAN

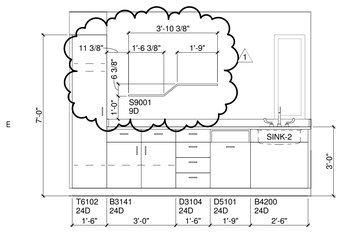


WALL PROTECTION PLAN - SIXTH FLOOR AREA B

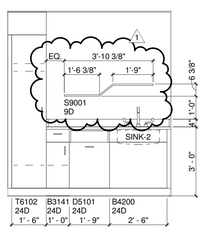
SCALE 1/8" = 1'-0"

IW-106B

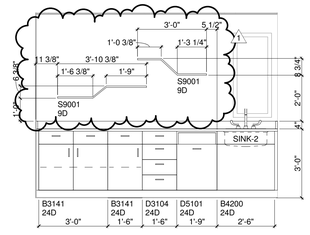
CONSTRUCTION DOCUMENTS



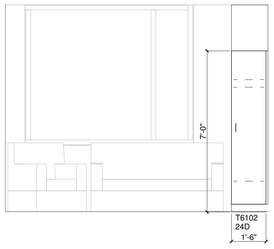
E1 TYPICAL 3RD MEDICAL/TELEMETRY FOOTWALL - LARGE
3/8" = 1'-0"



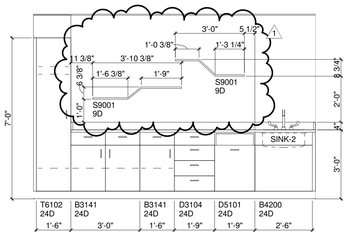
E2 TYPICAL 3RD MEDICAL/TELEMETRY FOOTWALL - SMALL
3/8" = 1'-0"



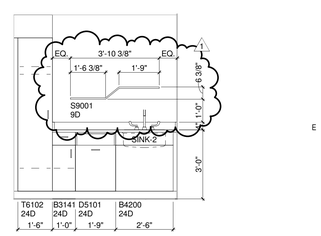
E3 TYPICAL 3RD ICU PATIENT ROOM FOOTWALL
3/8" = 1'-0"



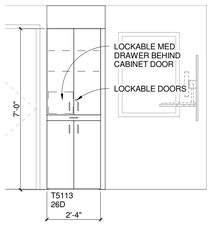
E4 TYPICAL 3RD ICU PATIENT ROOM WARDROBE
3/8" = 1'-0"



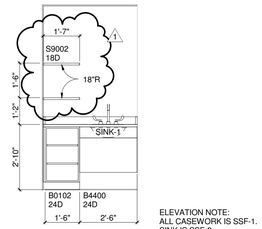
E5 3025
ICU PATIENT ROOM FOOTWALL
3/8" = 1'-0"



E6 TYPICAL PEDS PATIENT ROOM FOOTWALL
3/8" = 1'-0"

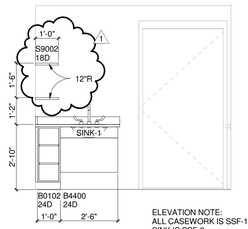


D1 TYPICAL 3RD NURSE SERVER
3/8" = 1'-0"



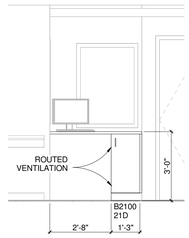
ELEVATION NOTE:
ALL CASEWORK IS SSF-1.
SINK IS SSF-2.

D2 TYPICAL 3RD PATIENT TOILET/SHOWER - LARGE
3/8" = 1'-0"

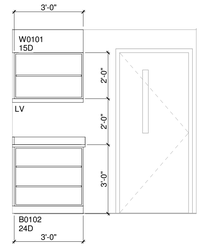


ELEVATION NOTE:
ALL CASEWORK IS SSF-1.
SINK IS SSF-2.

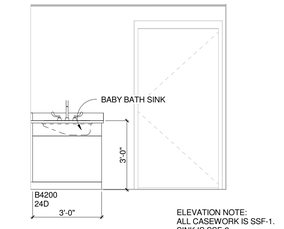
D3 TYPICAL 3RD PATIENT TOILET/SHOWER - SMALL
3/8" = 1'-0"



D4 TYPICAL 3RD NURSE VIEWING
3/8" = 1'-0"

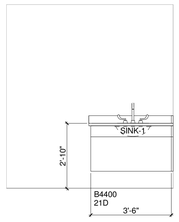


D5 3083 - VENT STORAGE - NORTH WALL
3/8" = 1'-0"

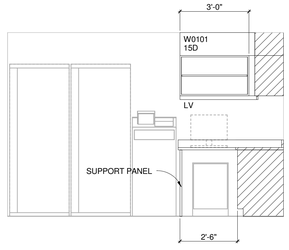


ELEVATION NOTE:
ALL CASEWORK IS SSF-1.
SINK IS SSF-2.

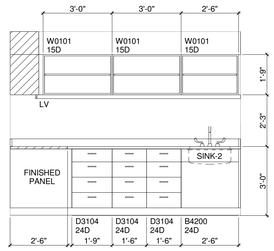
D6 TYPICAL 3RD PEDS. PATIENT TOILET/SHOWER
3/8" = 1'-0"



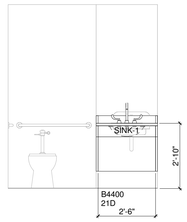
C1 3053 & 3052 - STAFF TOILET
3/8" = 1'-0"



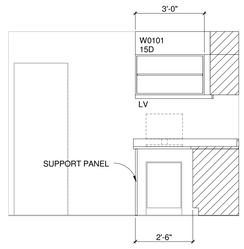
3079
C2 MEDICATION ROOM - SOUTH WALL
3/8" = 1'-0"



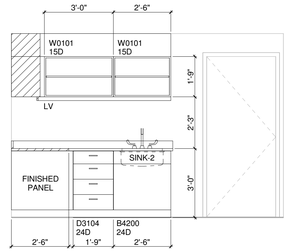
C3 3079 - MEDICATION ROOM - WEST WALL
3/8" = 1'-0"



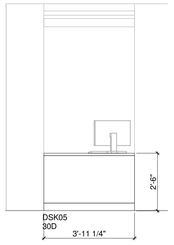
C4 3102 & 3103 - PUBLIC TIOLET
3/8" = 1'-0"



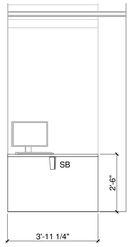
C5 3073 - MEDICATION ROOM - EAST WALL
3/8" = 1'-0"



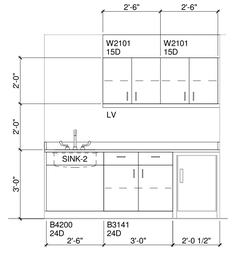
C6 3073 - MEDICATION ROOM - SOUTH WALL
3/8" = 1'-0"



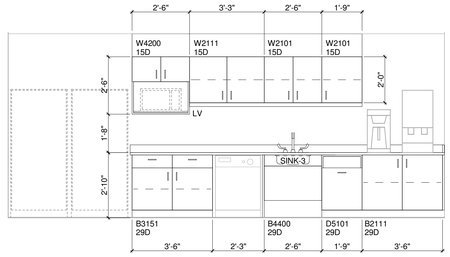
B1 3035 - RECEPTION (VOLUNTEER) LOOKING SOUTH
3/8" = 1'-0"



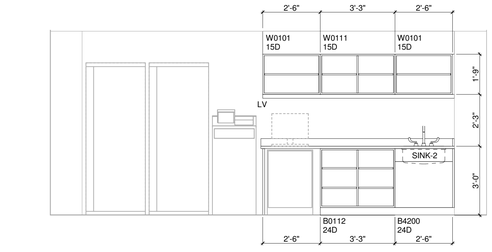
B2 3035 - RECEPTION (VOLUNTEER) LOOKING NORTH
3/8" = 1'-0"



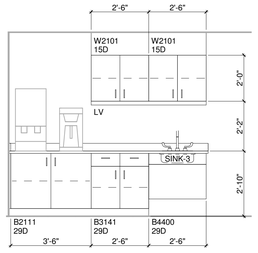
B3 3088 - POC TEST ALCOVE - NORTH WALL
3/8" = 1'-0"



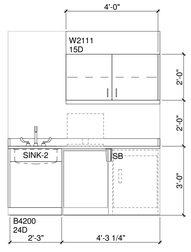
B4 3055 - STAFF LOUNGE - SOUTH WALL
3/8" = 1'-0"



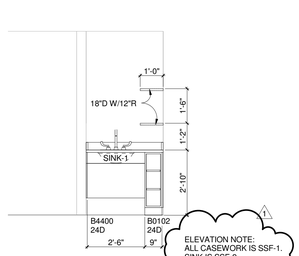
A1 3046 - MEDICATION ROOM - NORTH WALL
3/8" = 1'-0"



A3 3034 - PUBLIC WAITING - SOUTH WALL
3/8" = 1'-0"



A4 3096 - FORMULA STORAGE - NORTH WALL
3/8" = 1'-0"



ELEVATION NOTE:
ALL CASEWORK IS SSF-1.
SINK IS SSF-2.

A5 3023A - PATIENT TOILET/SHOWER - SOUTH WALL
3/8" = 1'-0"

CASEWORK GENERAL NOTES:

1. ARCHITECTURAL CASEWORK ELEVATIONS ARE COVERED UNDER SPECIFICATION SECTION 12 32 00.
2. COUNTERTOPS ARE 25" DEEP UNLESS NOTED OTHERWISE.
3. ALL EXPOSED EXTERIOR COUNTERTOP CORNERS SHALL HAVE 1.5" MINIMUM RADIUS.
4. CABINET WIDTHS AND DEPTHS CALLED OUT ARE NOMINAL.
5. WALL CABINETS CALLED OUT AS 15" DEEP SHALL HAVE 13" CLEAR INSIDE DEPTH MINIMUM UNLESS NOTED OTHERWISE.
6. PROVIDE 1" MINIMUM SCRIBES BETWEEN ALL CABINET AND ADJACENT WALL SURFACES.
7. CABLE GROMMETS TO BE FIELD INSTALLED PER OWNER DISCRETION.
8. PROVIDE A 2" LIGHT VALENCE (LV) AT ALL TASK LIGHT LOCATIONS. SEE E-SERIES DRAWINGS FOR TASK LIGHT LOCATIONS.
9. ALL WALL AND TALL CABINETS SHALL HAVE P-LAM SOFFITS RUNNING TO CEILING ABOVE UNLESS NOTED OTHERWISE.
10. ELECTRICAL DEVICES ARE INDICATED AT TYPICAL LOCATIONS. ALL DEVICES MAY NOT BE SHOWN. COORDINATE EXACT LOCATIONS AND INSTALLATION WITH ELECTRICAL CONTRACTOR. PROVIDE ACCESS PANELS TO WIRING AS NECESSARY.
11. EXPOSED CABINET ENDS SHALL BE FINISHED WITH A FINISHED END PANEL.
12. VERIFY ALL CEILING HEIGHTS WITH REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE.
13. ALL LOCKERS SHOWN IN ELEVATION ARE P-LAM WITH COMBINATION LOCKS AND SLOPED SOFFIT ABOVE.
14. CASEWORK SECTIONS ARE LOCATED ON IC-300 SHEETS ACCORDING TO CASEWORK ID AND DEPTH LOCATED ABOVE OR BELOW EACH CASEWORK ITEM.

KEY:

LV = LIGHT VALENCE
SB = SUPPORT BRACKET
SS = STAINLESS STEEL

FINISHES:

1. All counters are SSF-1 unless noted otherwise.
2. All casework and support panels are PL-1 unless noted otherwise.

HDR
HDR ARCHITECTURE INC.
8404 Indian Hills Drive | Omaha, NE 68114 | 402.399.1100

SES SPECIALIZED ENGINEERING SOLUTIONS
10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
www.specializedeng.com

Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-25-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Jeff Portenier

ARCHITECT
MICHAEL L. GOERTZEN
A-2047
STATE OF NEBRASKA

THIRD FLOOR
CASEWORK
ELEVATIONS

SCALE 3/8" = 1'-0"

IC-230

CONSTRUCTION DOCUMENTS

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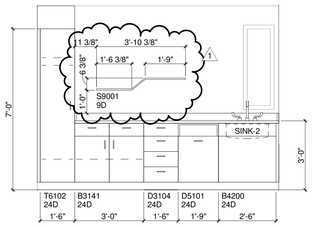
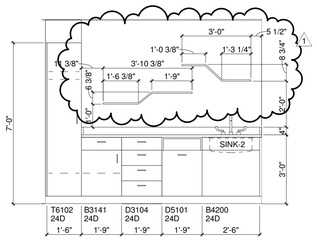
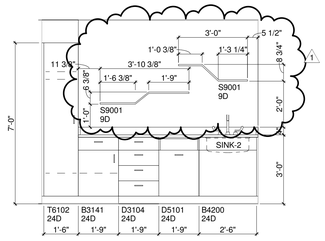
11/25/2013 1:22:34 PM



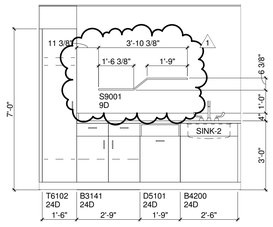
E1 TYPICAL POST-SURGICAL & OBSERVATION FOOTWALL - LARGE
3/8" = 1'-0"



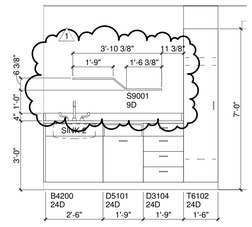
E2 TYPICAL 4TH POST-SURGICAL FOOTWALL - SMALL
3/8" = 1'-0"



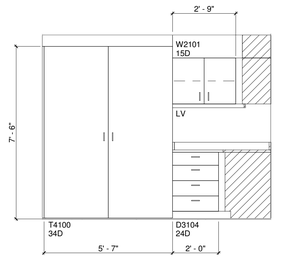
E3 TYPICAL 4TH JOINT CENTER FOOT WALL
3/8" = 1'-0"



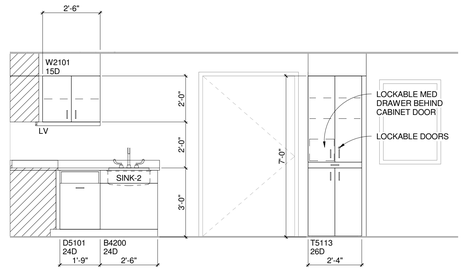
E4 4029 - JOINT CENTER FOOTWALL
3/8" = 1'-0"



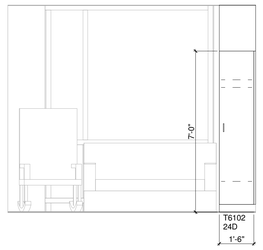
E5 4023 - JOINT CENTER/POST-SURGICAL ISOLATION FOOTWALL
3/8" = 1'-0"



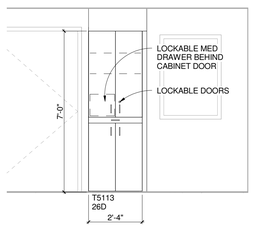
D1 TYPICAL 4TH LDRP PATIENT ROOM FOOTWALL
3/8" = 1'-0"



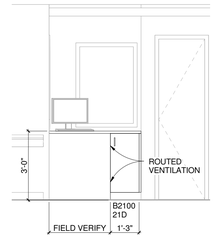
D2 TYPICAL 4TH LDRP PATIENT ROOM FOOTWALL RETURN/NURSE SERVER
3/8" = 1'-0"



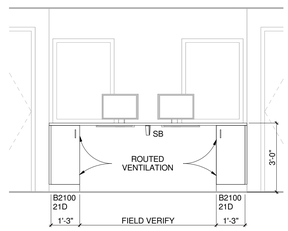
C1 TYPICAL 4TH LDRP PATIENT ROOM WARDROBE
3/8" = 1'-0"



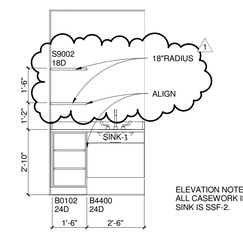
C2 TYPICAL 4TH NURSE SERVER
3/8" = 1'-0"



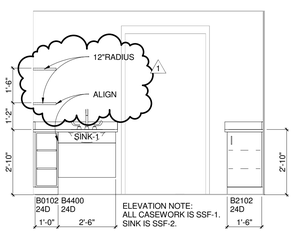
C3 TYPICAL 4TH NURSE VIEWING
3/8" = 1'-0"



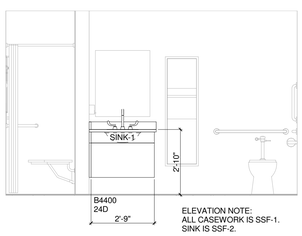
C4 TYPICAL 4TH DUAL ROOM NURSE VIEWING
3/8" = 1'-0"



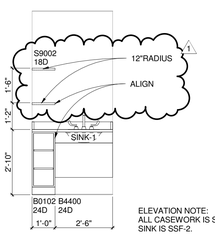
B1 TYPICAL 4TH PATIENT TOILET/SHOWER A
3/8" = 1'-0"



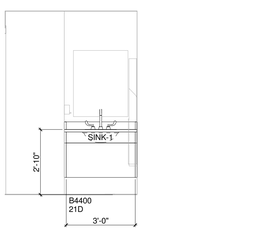
B2 TYPICAL 4TH PATIENT TOILET/SHOWER B
3/8" = 1'-0"



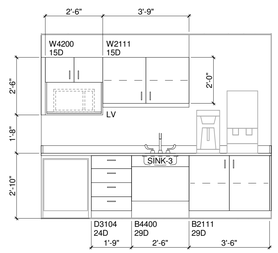
B3 4023A - ACCESSIBLE PATIENT TOILET/SHOWER - SOUTH WALL
3/8" = 1'-0"



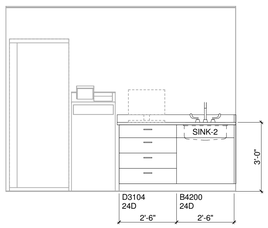
B4 TYPICAL LDRP PATIENT TOILET/SHOWER
3/8" = 1'-0"



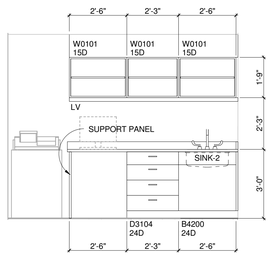
B5 4060A & 4061A - TRIAGE/PREP. PATIENT TOILET
3/8" = 1'-0"



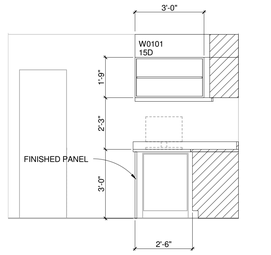
A1 4086 - NOURISHMENT CENTER EAST WALL
3/8" = 1'-0"



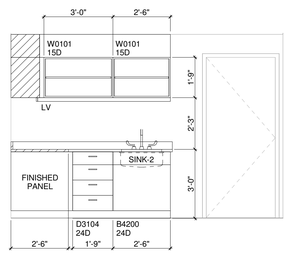
A2 4084 - MEDICATION ROOM - WEST WALL
3/8" = 1'-0"



A3 4090 - ANESTHESIA WORK ROOM WEST WALL
3/8" = 1'-0"



A4 4071 - MEDICATION ROOM - EAST WALL
3/8" = 1'-0"



A5 4071 - MEDICATION ROOM - SOUTH WALL
3/8" = 1'-0"

CASEWORK GENERAL NOTES:

1. ARCHITECTURAL CASEWORK ELEVATIONS ARE COVERED UNDER SPECIFICATION SECTION 12 32 00.
2. COUNTERTOPS ARE 25" DEEP UNLESS NOTED OTHERWISE.
3. ALL EXPOSED EXTERIOR COUNTERTOP CORNERS SHALL HAVE 1.5" MINIMUM RADIUS.
4. CABINET WIDTHS AND DEPTHS CALLED OUT ARE NOMINAL.
5. WALL CABINETS CALLED OUT AS 15" DEEP SHALL HAVE 13" CLEAR INSIDE DEPTH MINIMUM UNLESS NOTED OTHERWISE.
6. PROVIDE 1" MINIMUM SCRIBES BETWEEN ALL CABINET AND ADJACENT WALL SURFACES.
7. CABLE GROMMETS TO BE FIELD INSTALLED PER OWNER DISCRETION.
8. PROVIDE A 2" LIGHT VALENCE (LV) AT ALL TASK LIGHT LOCATIONS. SEE E-SERIES DRAWINGS FOR TASK LIGHT LOCATIONS.
9. ALL WALL AND TALL CABINETS SHALL HAVE P-LAM SOFFITS RUNNING TO CEILING ABOVE UNLESS NOTED OTHERWISE.
10. ELECTRICAL DEVICES ARE INDICATED AT TYPICAL LOCATIONS. ALL DEVICES MAY NOT BE SHOWN. COORDINATE EXACT LOCATIONS AND INSTALLATION WITH ELECTRICAL CONTRACTOR. PROVIDE ACCESS PANELS TO WIRING AS NECESSARY.
11. EXPOSED CABINET ENDS SHALL BE FINISHED WITH A FINISHED END PANEL.
12. VERIFY ALL CEILING HEIGHTS WITH REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE.
13. ALL LOCKERS SHOWN IN ELEVATION ARE P-LAM WITH COMBINATION LOCKS AND SLOPED SOFFIT ABOVE.
14. CASEWORK SECTIONS ARE LOCATED ON IC-300 SHEETS ACCORDING TO CASEWORK ID AND DEPTH LOCATED ABOVE OR BELOW EACH CASEWORK ITEM.

KEY:

LV = LIGHT VALENCE
SB = SUPPORT BRACKET
SS = STAINLESS STEEL

FINISHES:

1. All counters are SSF-1 unless noted otherwise.
2. All casework and support panels are PL-1 unless noted otherwise.

HDR
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SES SPECIALIZED ENGINEERING SOLUTIONS
10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
www.specializedeng.com

Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-25-13	BP3-ADDENDUM #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/13 -
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Jeff Portenier

ARCHITECT * MICHAEL L. GOERTZEN A-2047 * STATE OF NEBRASKA

FOURTH FLOOR
CASEWORK
ELEVATIONS

SCALE 3/8" = 1'-0"

IC-240

CONSTRUCTION DOCUMENTS

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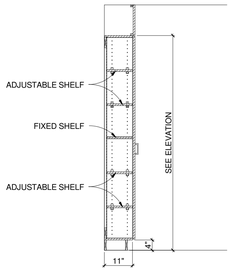
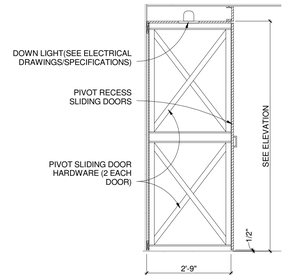
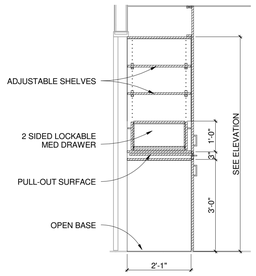
11/25/2013 1:23:18 PM



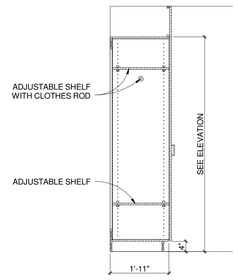
E1 T2105 - 12D
1/2" = 1'-0"



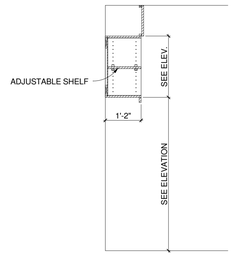
E2 T4100 - 34D
1/2" = 1'-0"



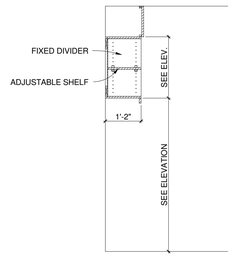
E3 T5113 - 26D
1/2" = 1'-0"



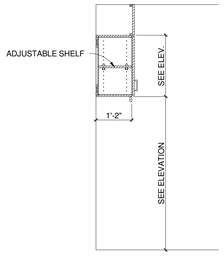
E4 T6102 - 24D
1/2" = 1'-0"



E5 W0101 - 15D
1/2" = 1'-0"



D1 W0111 - 15D
1/2" = 1'-0"



D2 W2101 - 15D
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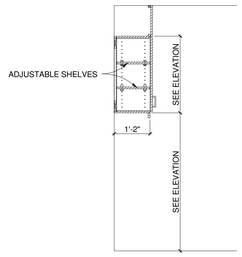
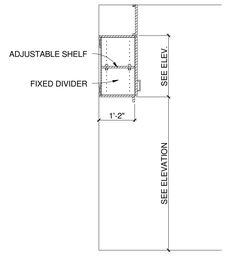
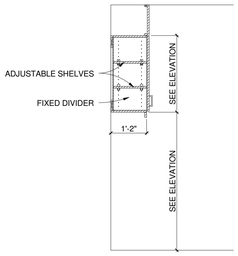


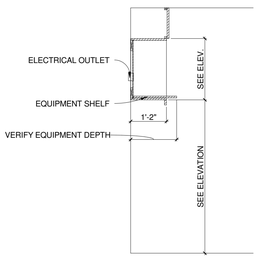
D3 W2102 - 15D
1/2" = 1'-0"



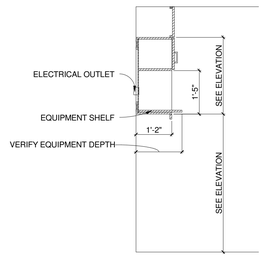
D4 W2111 - 15D
1/2" = 1'-0"



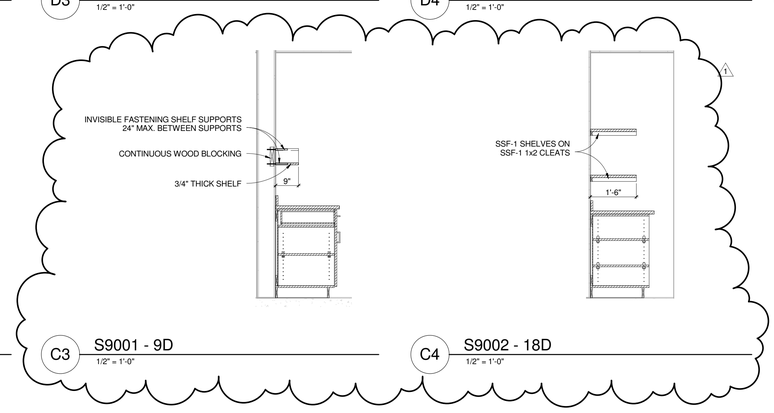
D5 W2112 - 15D
1/2" = 1'-0"



C1 W4100 - 15D
1/2" = 1'-0"



C2 W4200 - 15D
1/2" = 1'-0"



C3 S9001 - 9D
1/2" = 1'-0"

C4 S9002 - 18D
1/2" = 1'-0"

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PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	11-25-13	BP3-ADDENDUM #1

PROJECT NUMBER	**0000000000197729**
ORIGINAL ISSUE	**11/05/13 -**
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ARCHITECT
MICHAEL L GOERTZEN
A-2047
STATE OF NEBRASKA

CASEWORK
SECTIONS

SCALE 1/2" = 1'-0"

IC-302

CONSTRUCTION DOCUMENTS

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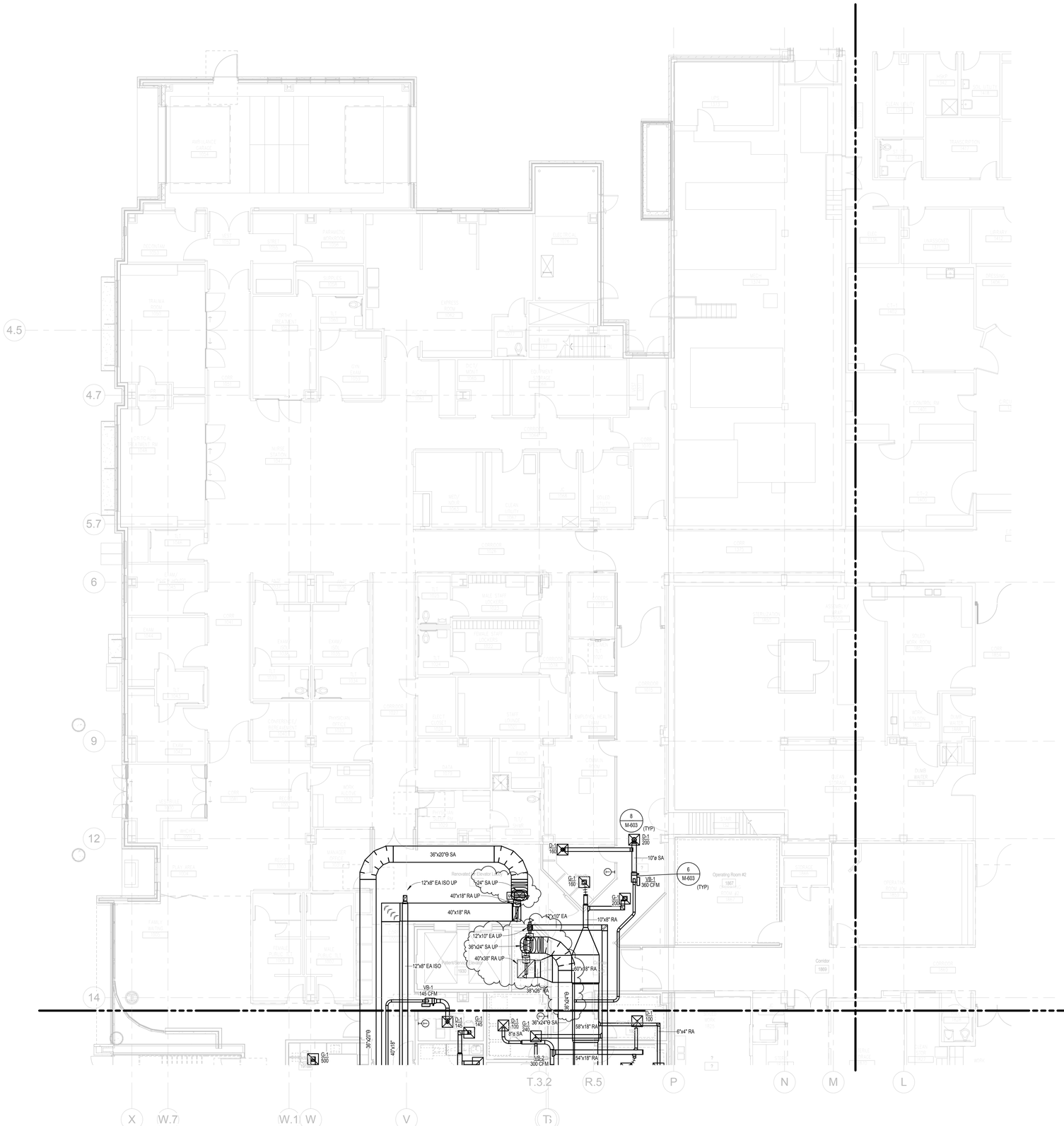

1 FIRST FLOOR PLAN - AREA A - HVAC
1/8" = 1'-0"

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GENERAL NOTES

A. ITEMS SHOWN IN DARK ARE NEW, ITEMS SHOWN IN HALF TONE ARE EXISTING TO REMAIN.

B. EXISTING WORK SHOWN WAS OBTAINED USING EXISTING DOCUMENTS AND FIELD OBSERVATION. NOT ALL EQUIPMENT AND DISTRIBUTION SYSTEMS MAY BE SHOWN. CONTRACTOR TO VERIFY ALL SYSTEMS PRIOR TO COMMENCING WORK. IF DEVIATION BETWEEN EXISTING CONDITIONS AND NEW WORK IS FOUND, CONTRACTOR TO NOTIFY ENGINEER.

C. CONTRACTOR SHALL PERFORM SYSTEM SHUT DOWNS AND TIE-INS EFFECTING OTHER AREAS OF THE BUILDING AS OFF HOURS WORK.

D. MECHANICAL CONTRACTOR SHALL REPLACE ALL FILTERS ON AHU SERVING AREA AT CLOSE OF CONSTRUCTION.

E. REPAIR INSULATION ON DUCTWORK AS NEEDED.

F. PROVIDE MANUAL BALANCE DAMPERS AT ALL FINAL DUCT TAKEOFFS TO DIFFUSERS, REGISTERS, AND GRILLES. LOCATE IN AN ACCESSIBLE LOCATION WITHIN 18" OF TAKEOFF FROM MAIN. BALANCE DAMPERS NOT SHOWN ON DRAWINGS.

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H. SEE SHEET M-101A FOR FINAL DUCT RUNOUT SIZING SCHEDULE TO DIFFUSERS, REGISTERS, AND GRILLES.

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SUPPLY DIFFUSER SCHEDULE

	NECK SIZE	CFM RANGE
D-1 ⊠ 24x24	6"Ø	50-150
	8"Ø	151-280
	10"Ø	281-400
	12"Ø	401-550
	14"Ø	551-750
D-2 ⊠ 12x12	6"Ø	50-150
	8"Ø	151-280
	-	-

REMARKS
1. ALL SUPPLY DIFFUSERS TO BE D-1 AND D-2 UNLESS NOTED OTHERWISE.
2. ALL SUPPLY DIFFUSER DUCT RUN-OUTS TO BE NECK SIZE SHOWN UNLESS NOTED OTHERWISE.

RETURN GRILLE SCHEDULE

	NECK SIZE	CFM RANGE
G-1 ⊘ 24x24	6x6	50-200
	8x8	201-300
	10x10	301-400
	12x12	401-600
	14x14	601-800
G-2 ⊘ 12x12	6x6	50-200
	8x8	201-400
	10x10	401-550

REMARKS
1. ALL RETURN GRILLES TO BE G-1 AND G-2 UNLESS NOTED OTHERWISE.
2. ALL RETURN GRILLE DUCT RUN-OUTS TO BE NECK SIZE (OR EQUIVALENT ROUND DIAMETER) SHOWN UNLESS NOTED OTHERWISE.
3. PROVIDE 24x24x12 BACKPAN ON GRILLES. PAINT BACKPAN BLACK

EXHAUST GRILLE SCHEDULE

	NECK SIZE	CFM RANGE
G-1 ⊠ 24x24	6x6	50-200
	8x8	201-300
	10x10	301-400
	12x12	401-600
	14x14	601-800
G-2 ⊠ 12x12	6x6	50-200
	8x8	201-400
	10x10	401-550

REMARKS
1. ALL EXHAUST GRILLES TO BE G-1 AND G-2 UNLESS NOTED OTHERWISE.
2. ALL EXHAUST GRILLE DUCT RUN-OUTS TO BE NECK SIZE (OR EQUIVALENT ROUND DIAMETER) SHOWN UNLESS NOTED OTHERWISE.

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PROJECT FOR

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BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/2013
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PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
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MECHANICAL ENGINEER	Todd Kubicek
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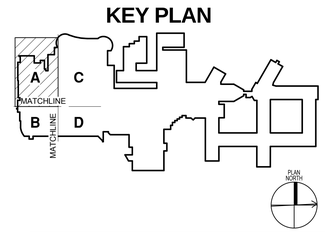
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Jeff Holle

KEY PLAN



PROFESSIONAL MECHANICAL ENGINEER
ERIC J. SHERMAN
CM1224
11/05/2013
STATE OF NEBRASKA

FIRST FLOOR PLAN - AREA A - HVAC

SCALE 1/8" = 1'-0"

M-101A

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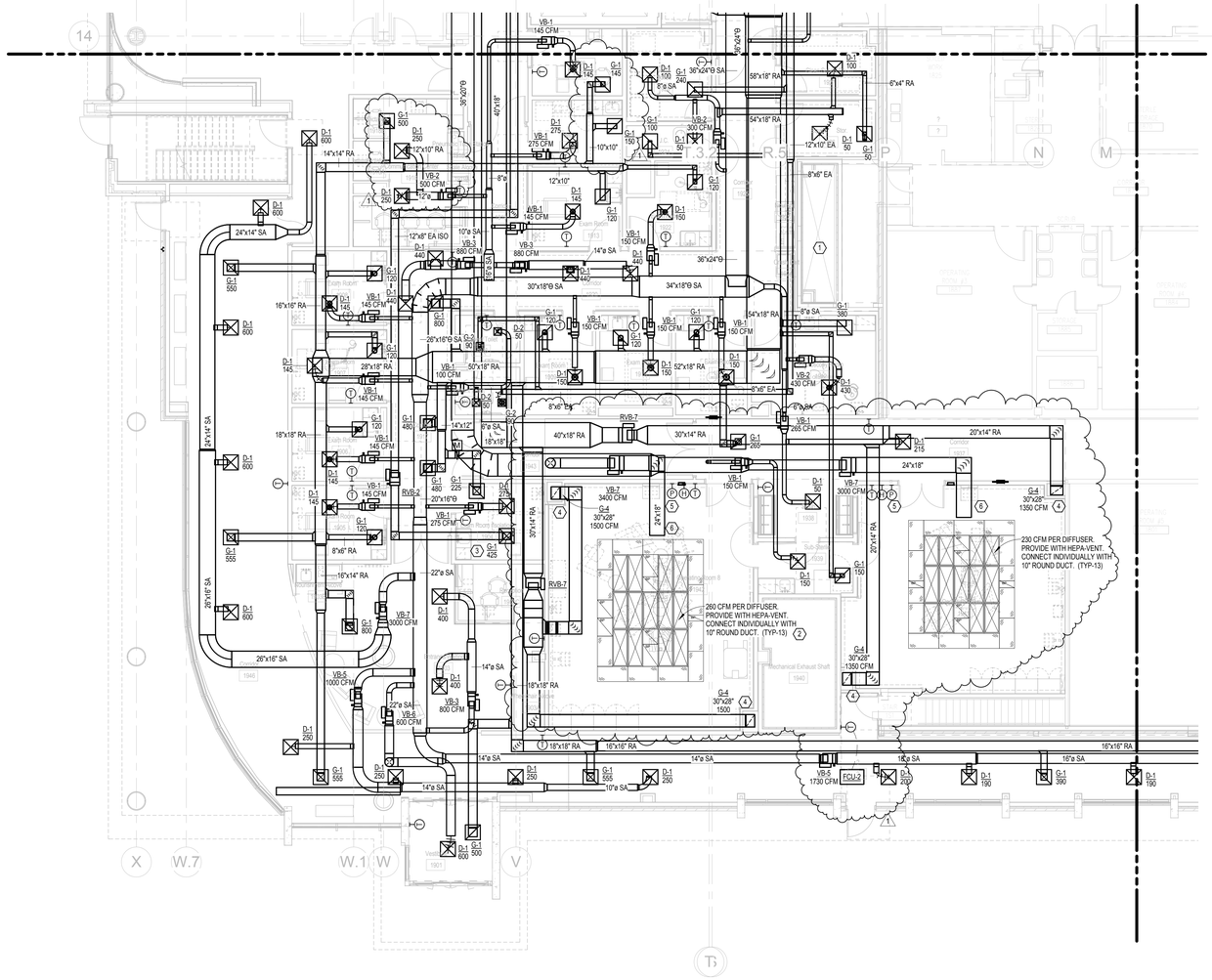

1 FIRST FLOOR PLAN - AREA B - HVAC

1/8" = 1'-0"

SHEET NOTES:

1. DUCT UP TO NEW LOUVERED PENTHOUSE OUTSIDE AIR INTAKE.
2. PROVIDE DUCT FROM EXISTING RELIEF AREAWAY AT THE GROUND ON UP TO ROOF. TERMINATE WITH GRAVITY RELIEF VENTILATOR. MAINTAIN 25' CLEARANCE FROM OUTSIDE AIR INTAKE.
3. NEGATIVE PRESSURE ISOLATION ROOM. PROVIDE ROOM WITH SUPPLY AND EXHAUST VOLUME BOXES AND MOTORIZED DAMPERS ON ALL. RETURN AND EXHAUST BRANCH DUCTS TO CLOSE UPON ISOLATION SYSTEM ACTIVATION. PROVIDE WITH TOUCH ROOM SCREEN PRESSURE MONITOR/CONTROLLER BY CRITICAL ROOM CONTROLS. LOCATE CONTROLLER/MONITOR ON WALL OUTSIDE OF ROOM NEXT TO DOOR. ROOM HAS A HARD LID CEILING. PROVIDE ACCESS PANELS TO MAINTAIN ACCESSIBILITY OF BALANCE AND MOTORIZED DAMPERS. ISOLATION VALVES AND ANY OTHER MECHANICAL EQUIPMENT.
4. MOUNT GRILLE 18" A.F.F.
5. PROVIDE ROOM PRESSURE MONITOR AND CONTROLLER BY CRITICAL ROOM CONTROLS. PROVIDE ONE ON WALL INSIDE OF ROOM AND ONE ON WALL OUTSIDE. MODULATE RETURN AIR BOX TO MAINTAIN A POSITIVE 0.1" W.C. ROOM PRESSURE. SUPPLY AIR VOLUME BOX IS TO MAINTAIN CONSTANT VOLUME DURING WHEN ROOM IS OCCUPIED.
6. PROVIDE INTEGRATED CEILING WITH LAMINAR AIRFLOW DISTRIBUTION SYSTEM BY PRECISION AIR. COORDINATE EXACT DUCTING WITH SYSTEM MANUFACTURER. DO NOT ORDER UNTIL FINAL BOOM LAYOUT IS APPROVED BY OWNER. PROVIDE BRANCH DUCT RUNOUTS TO LAMINAR AIRFLOW CEILING DIFFUSERS. PROVIDE REMOTE BALANCE DAMPER CABLE CONTROL BY YOUNG REGULATOR. LOCATE REMOTE BALANCE CONTROL SHAFT IN PLENUM SPACE OF ADJACENT CORRIDOR.

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PROJECT FOR

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Fremont Area Medical Center

Fremont Area
Medical Center

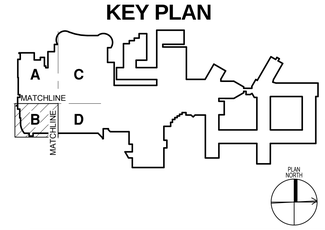
MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Jeff Holle

KEY PLAN



PROFESSIONAL MECHANICAL ENGINEER
ERIC J. SHERMAN
CM12214
11/05/2013
STATE OF NEBRASKA

FIRST FLOOR PLAN - AREA B - HVAC

SCALE 1/8" = 1'-0"

M-101B

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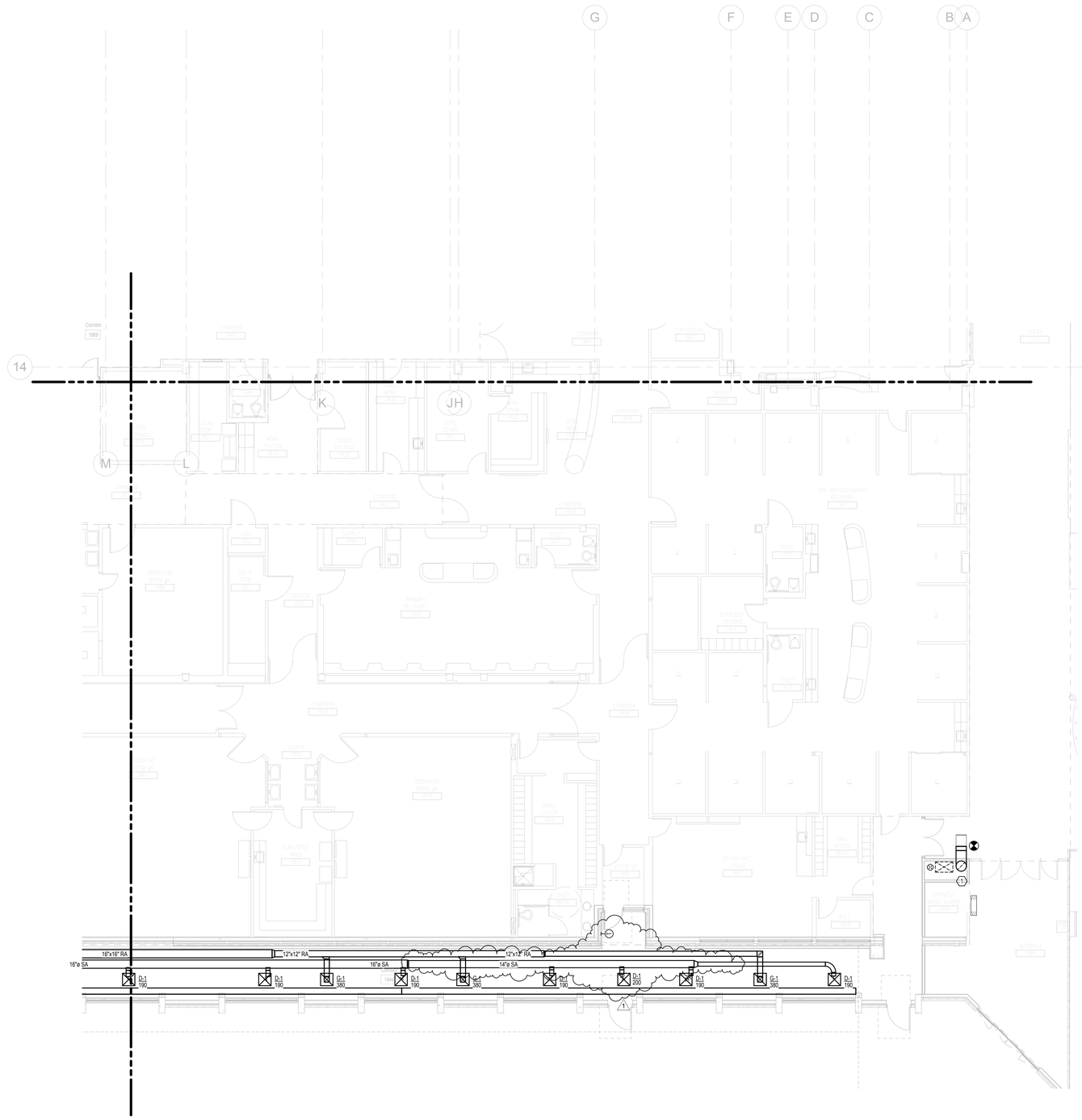

1 FIRST FLOOR PLAN - AREA C - HVAC
1/8" = 1'-0"

SHEET NOTES

1. OFFSET EXISTING 12"Ø, 34/20, AND 20"Ø DUCT FROM FLOOR BELOW UP THROUGH NEW CHASE. RECONNECT TO EXISTING DUCT IN CEILING SPACE AND FLOOR BELOW. RELOCATE EXISTING RETURN AIR GRILLE AND RECONNECT TO RA DUCT.

GENERAL NOTES

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BID PACKAGE #3

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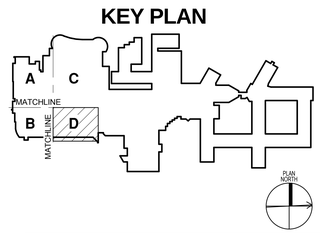
DRAWN BY	Jeff Holle

KEY PLAN



PROFESSIONAL MECHANICAL ENGINEER
ERIC J. SHERMAN
E-14322
11/05/2013
STATE OF NEBRASKA

FIRST FLOOR PLAN - AREA C - HVAC

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SES PROJECT # 12140

SCALE	1/8" = 1'-0"

M-101D

CONSTRUCTION DOCUMENTS

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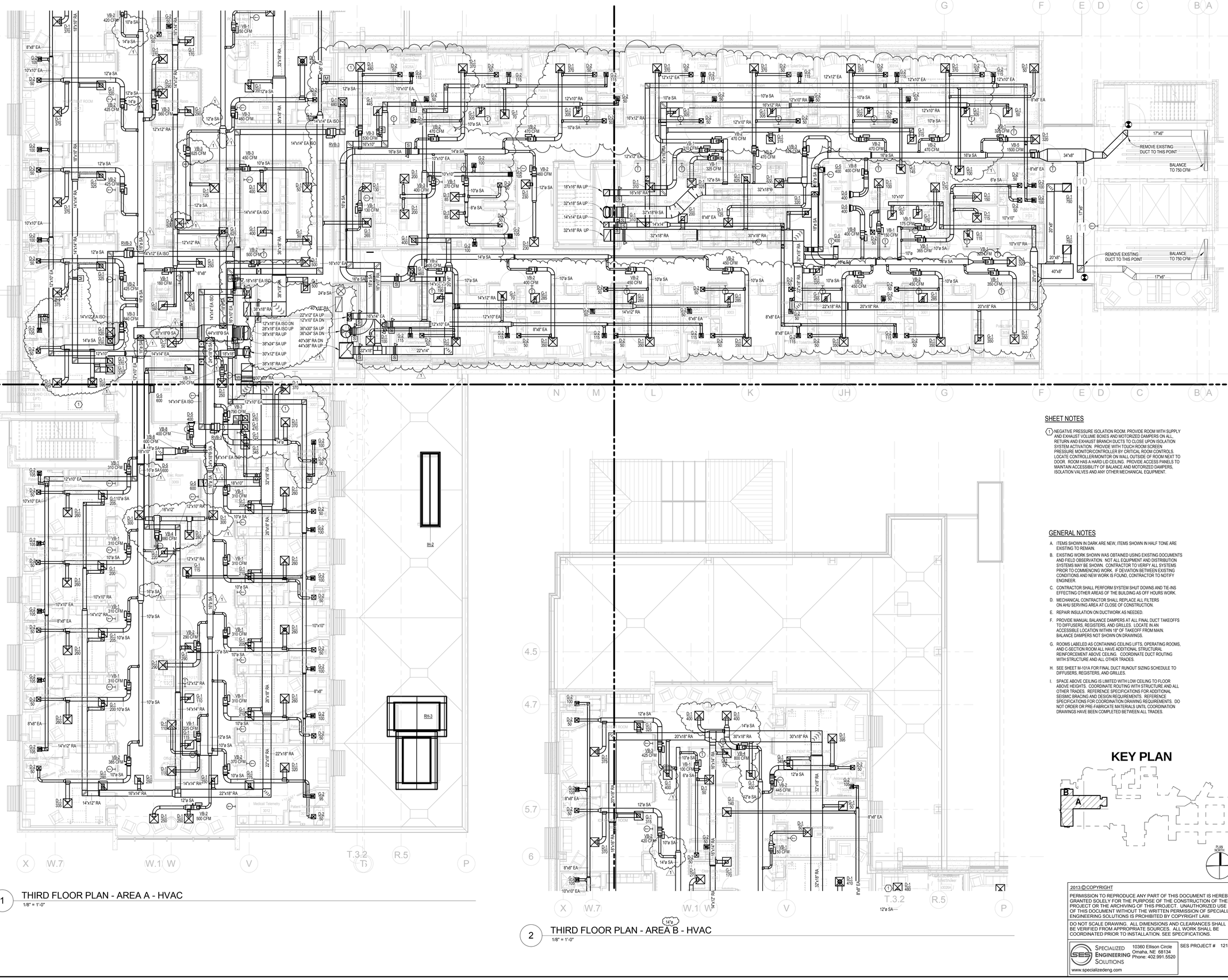
VB-2 420 CFM
10"x8" SA
D-1 370
16"x8" RA
D-2 50
G-2 105
8"x8" EA
14"x8" SA
G-1 270
G-2 115
14"x12" RA
VB-3 560 CFM
G-1 280
12"x8" SA
12"x12" RA
G-2 100
10"x10" EA
12"x8" SA
G-1 320
14"x8"
VB-2 425 CFM
D-1 375
14"x14" RA
VB-3 460 CFM
36"x18" RA
32"x18" RA
VB-1 150 CFM
G-1 355
12"x8" SA
14"x14" EA ISO
RVB-3
VB-3 625 CFM
VB-3 450 CFM
10"x8" SA
D-1 400
D-1 125
12"x8" SA
D-2 500
G-1 400
G-1 50
VB-2 500 CFM
D-1 500
16"x10" EA
G-1 250
8"x8"
VB-1 160 CFM
G-1 160
D-1 110
VB-3 840 CFM
G-1 625
G-1 370
D-1 50
12"x10"
14"x12" EA ISO
14"x8" SA
G-1 325
D-2 50
G-2 105
14"x14" EA
18"x18" EA ISO
38"x18" RA
44"x18" SA
30"x18"9 SA
30"x12" EA UP
38"x18" RA UP
40"x38" RA
22"x12" EA UP
12"x12" EA DN
22"x18" EA ISO UP
38"x18" RA UP
36"x30" SA UP
36"x24" SA DN
40"x38" RA DN
38"x24" SA UP
44"x38" RA UP
30"x12" EA UP
38"x18" RA UP
VB-1 250 CFM
D-1 270
G-1 370
G-2 115
G-5 600
14"x14" EA ISO
VB-3 290 CFM
G-1 275
VB-4 400 CFM
G-1 345
RVB-3
18"x10"
16"x10" SA
VB-1 310 CFM
D-1 280
G-2 100
D-2 50
12"x10" EA
16"x12"
10"x10" RA
G-1 220
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G-1 115
G-1 200
16"x8" SA
10"x10" RA
14"x12" RA
VB-2 290 CFM
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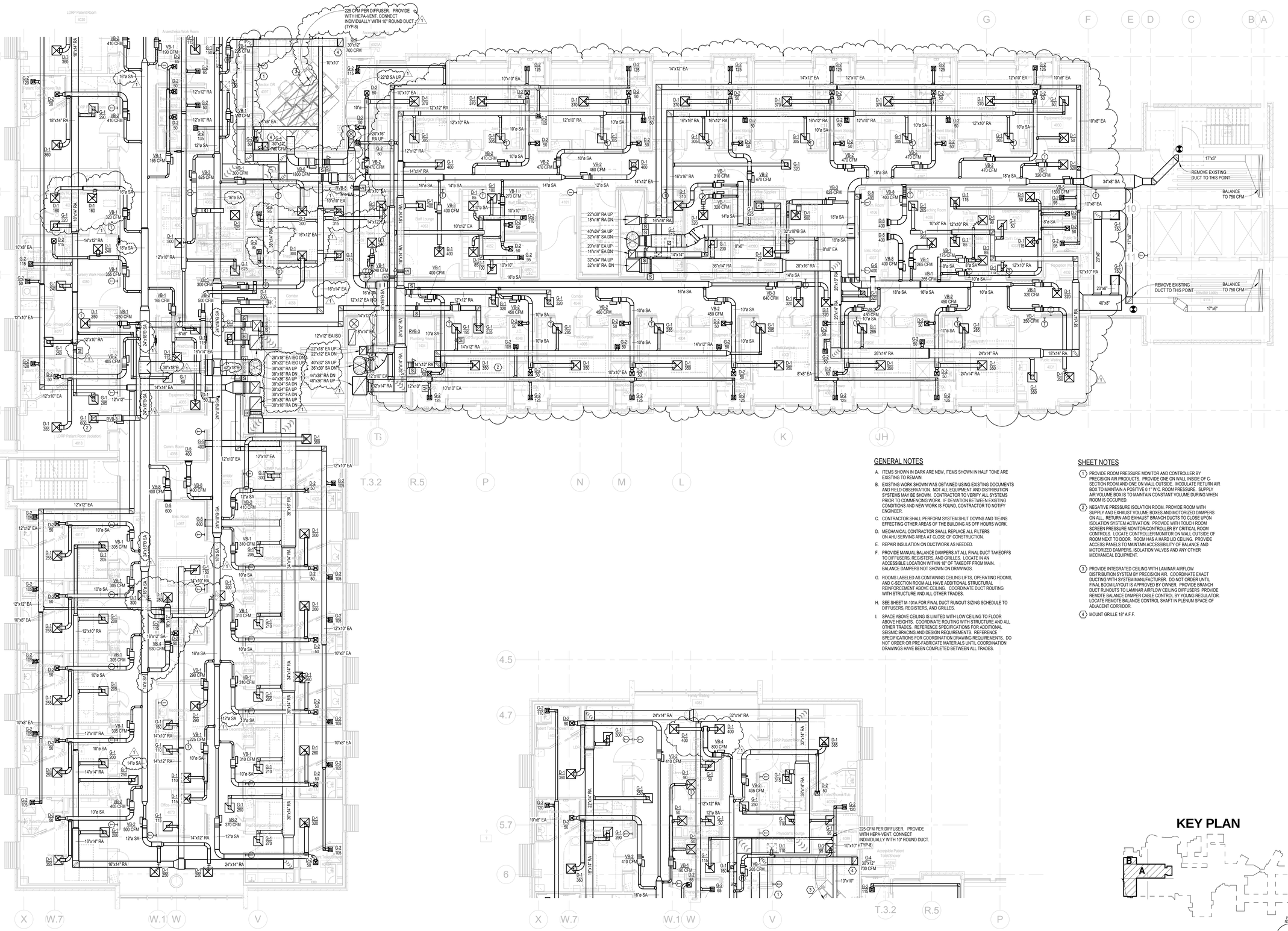
VB-1 225 CFM
G-1 110
D-1 110
14"x14" RA
VB-2 365 CFM
G-1 280
D-1 339
16"x14" RA
VB-2 600 CFM
D-1 250
D-2 250
G-2 95
VB-1 100 CFM
G-1 140
VB-2 445 CFM
G-1 315
VB-2 420 CFM
G-1 305
G-1 170
D-1 370
D-1 410
D-1 480
VB-1 270 CFM
D-1 230
G-1 130
D-1 200
D-2 80
G-1 265
G-1 105
G-1 50
G-1 400
G-1 625
G-1 310
G-1 325
G-1 200
G-1 210
G-1 285
G-1 345
G-1 370
G-1 275
G-1 320
G-1 395
G-1 345
G-1 50
G-1 750
D-1 320
D-1 395
D-1 345
D-1 350
D-1 360
D-1 115
D-1 175
D-1 180
D-1 125
D-1 145
D-1 100
D-2 100
D-5 400
D-5 500
VB-1 1500 CFM
VB-1 325 CFM
VB-1 175 CFM
VB-1 150 CFM
VB-1 365 CFM
VB-1 350 CFM
VB-2 470 CFM
VB-2 450 CFM
VB-2 400 CFM
VB-3 530 CFM
VB-3 425 CFM
VB-4 800 CFM
VB-8 400 CFM
VB-8 100 CFM
VB-8 600 CFM
VB-1 310 CFM
VB-1 100 CFM
VB-2 445 CFM
VB-2 420 CFM
VB-1 150 CFM
RH-3
IH-2
REMOVE EXISTING DUCT TO THIS POINT
BALANCE TO 750 CFM
17"x6"
34"x8"
17"x8"
20"x8"
40"x8"
17"x16"
20"x16"
6"x8" EA
6"x6" EA
8"x8" EA
18"x16" RA UP
32"x18" SA UP
14"x14" EA UP
32"x18" RA UP
32"x18"9 RA
32"x18" RA
30"x18" RA
22"x18" RA
20"x18" RA
16"x16" RA
22"x14"
Patient Room 3069
Patient Toilet 3069A
Medical Telemetry 3012
Patient Room 3012
Patient Toilet 3012A
Medical Telemetry 3013
Patient Room 3013
Patient Toilet 3013A
Medical Telemetry 3014
Patient Room 3014
Patient Toilet 3014A
Medical Telemetry 3015
Patient Room 3015
Patient Toilet 3015A
Medical Telemetry 3016
Patient Room 3016
Patient Toilet 3016A
Medical Telemetry 3017
Patient Room 3017
Patient Toilet 3017A
Medical Telemetry 3018
Patient Room 3018
Patient Toilet 3018A
Elec. Room 3069
Soiled Holding 3069
Clean Supply 3069
Soiled Holding 3012
Clean Supply 3012
Soiled Holding 3013
Clean Supply 3013
Soiled Holding 3014
Clean Supply 3014
Soiled Holding 3015
Clean Supply 3015
Soiled Holding 3016
Clean Supply 3016
Soiled Holding 3017
Clean Supply 3017
Soiled Holding 3018
Clean Supply 3018
Staff Toilet 3013
Staff Toilet 3014
Staff Toilet 3015
Staff Toilet 3016
Staff Toilet 3017
Staff Toilet 3018
Patient Toilet 3069A
Patient Toilet 3013A
Patient Toilet 3014A
Patient Toilet 3015A
Patient Toilet 3016A
Patient Toilet 3017A
Patient Toilet 3018A
Public Toilet 3003
Public Toilet 3004
Public Toilet 3005
Public Toilet 3006
Public Toilet 3007
Public Toilet 3008
Public Toilet 3009
Public Toilet 3010
Public Toilet 3011
Public Toilet 3012
Public Toilet 3013
Public Toilet 3014
Public Toilet 3015
Public Toilet



1 FOURTH FLOOR PLAN - AREA A - HVAC
1/8" = 1'-0"

2 FOURTH FLOOR PLAN - AREA B - HVAC
1/8" = 1'-0"

GENERAL NOTES

A. ITEMS SHOWN IN DARK ARE NEW, ITEMS SHOWN IN HALF TONE ARE EXISTING TO REMAIN.

B. EXISTING WORK SHOWN WAS OBTAINED USING EXISTING DOCUMENTS AND FIELD OBSERVATION. NOT ALL EQUIPMENT AND DISTRIBUTION SYSTEMS MAY BE SHOWN. CONTRACTOR TO VERIFY ALL SYSTEMS PRIOR TO COMMENCING WORK. IF DEVIATION BETWEEN EXISTING CONDITIONS AND NEW WORK IS FOUND, CONTRACTOR TO NOTIFY ENGINEER.

C. CONTRACTOR SHALL PERFORM SYSTEM SHUT DOWNS AND TIE-INS EFFECTING OTHER AREAS OF THE BUILDING AS OFF HOURS WORK.

D. MECHANICAL CONTRACTOR SHALL REPLACE ALL FILTERS ON AHU SERVING AREA AT CLOSE OF CONSTRUCTION.

E. REPAIR INSULATION ON DUCTWORK AS NEEDED.

F. PROVIDE MANUAL BALANCE DAMPERS AT ALL FINAL DUCT TAKEOFFS TO DIFFUSERS, REGISTERS, AND GRILLES. LOCATE IN AN ACCESSIBLE LOCATION WITHIN 18" OF TAKEOFF FROM MAIN. BALANCE DAMPERS NOT SHOWN ON DRAWINGS.

G. ROOMS LABELED AS CONTAINING CEILING LIFTS, OPERATING ROOMS, AND C-SECTION ROOM ALL HAVE ADDITIONAL STRUCTURAL REINFORCEMENT ABOVE CEILING. COORDINATE DUCT ROUTING WITH STRUCTURE AND ALL OTHER TRADES.

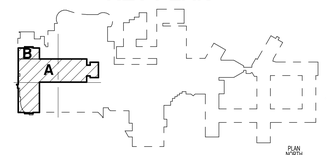
H. SEE SHEET M-101A FOR FINAL DUCT RUNOUT SIZING SCHEDULE TO DIFFUSERS, REGISTERS, AND GRILLES.

I. SPACE ABOVE CEILING IS LIMITED WITH LOW CEILING TO FLOOR ABOVE HEIGHTS. COORDINATE ROUTING WITH STRUCTURE AND ALL OTHER TRADES. REFERENCE SPECIFICATIONS FOR ADDITIONAL SEISMIC BRACING AND DESIGN REQUIREMENTS. REFERENCE SPECIFICATIONS FOR COORDINATION DRAWING REQUIREMENTS. DO NOT ORDER OR PRE-FABRICATE MATERIALS UNTIL COORDINATION DRAWINGS HAVE BEEN COMPLETED BETWEEN ALL TRADES.

SHEET NOTES

1. PROVIDE ROOM PRESSURE MONITOR AND CONTROLLER BY PRECISION AIR PRODUCTS. PROVIDE ONE ON WALL INSIDE OF C-SECTION ROOM AND ONE ON WALL OUTSIDE. MODULATE RETURN AIR BOX TO MAINTAIN A POSITIVE 0.1" W.C. ROOM PRESSURE. SUPPLY AIR VOLUME BOX IS TO MAINTAIN CONSTANT VOLUME DURING WHEN ROOM IS OCCUPIED.
2. NEGATIVE PRESSURE ISOLATION ROOM. PROVIDE ROOM WITH SUPPLY AND EXHAUST VOLUME BOXES AND MOTORIZED DAMPERS ON ALL RETURN AND EXHAUST BRANCH DUCTS TO CLOSE UPON ISOLATION SYSTEM ACTIVATION. PROVIDE WITH TOUCH ROOM SCREEN PRESSURE MONITOR/CONTROLLER BY CRITICAL ROOM CONTROLS. LOCATE CONTROLLER/MONITOR ON WALL OUTSIDE OF ROOM NEXT TO DOOR. ROOM HAS A HARD LID CEILING. PROVIDE ACCESS PANELS TO MAINTAIN ACCESSIBILITY OF BALANCE AND MOTORIZED DAMPERS. ISOLATION VALVES AND ANY OTHER MECHANICAL EQUIPMENT.
3. PROVIDE INTEGRATED CEILING WITH LAMINAR AIRFLOW DISTRIBUTION SYSTEM BY PRECISION AIR. COORDINATE EXACT DUCTING WITH SYSTEM MANUFACTURER. DO NOT ORDER UNTIL FINAL BOOM LAYOUT IS APPROVED BY OWNER. PROVIDE BRANCH DUCT RUNOUTS TO LAMINAR AIRFLOW CEILING DIFFUSERS. PROVIDE REMOTE BALANCE DAMPER CABLE CONTROL BY YOUNG REGULATOR. LOCATE REMOTE BALANCE CONTROL SHAFT IN PLENUM SPACE OF ADJACENT CORRIDOR.
4. MOUNT GRILLE 18" A.F.F.

KEY PLAN



PLAN NORTH

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HDR ARCHITECTURE INC.
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Phone: 402.991.5520
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Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1
PROJECT NUMBER		000000000197729
ORIGINAL ISSUE		11/05/2013
PROJECT MANAGER		Mike Goertzen
PROJECT DESIGNER		Brian Zabloudil
PROJECT ARCHITECT		Jeff Bahr
LANDSCAPE ARCHITECT		Brad Swerczek
CIVIL ENGINEER		-
STRUCTURAL ENGINEER		Doug Sholl
MECHANICAL ENGINEER		Todd Kubicek
ELECTRICAL ENGINEER		Kris Burnham
INTERIOR DESIGNER		Jill McFee
EQUIPMENT PLANNER		Greg Olsen
DRAWN BY		Jeff Holle

PROFESSIONAL MECHANICAL ENGINEER — TODD E. KUBICEK — 11/05/2013 — STATE OF NEBRASKA

FOURTH FLOOR PLAN - HVAC

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SES PROJECT # 12140

SCALE 1/8" = 1'-0"

M-104

CONSTRUCTION DOCUMENTS

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SHEET NOTES

1. ROOM HAS GYPBOARD CEILING. PROVIDE REMOTE BALANCE DAMPER CABLE CONTROL BY YOUNG REGULATOR TO ALL SUPPLY, RETURN AND EXHAUST DUCT RUNOUTS. LOCATE REMOTE BALANCE CONTROL SHAFT IN PLENUM SPACE OF ADJACENT CORRIDOR. THERMOSTAT IN THIS ROOM (IF EQUIPPED) SHALL BE FLUSH MOUNTED CHROME PLATE. NON-ADJUSTABLE, WITH TAMPERPROOF FASTENERS. TEMPERATURE ADJUSTABILITY SHALL BE DONE THROUGH BMS WITH ADDITIONAL ADJUSTABILITY TO BE AVAILABLE THROUGH STAND ALONE CUSTOM WEB BASED INTERFACE SET UP WITH ACCESS TO THESE ROOMS ONLY, AT COMMUNICATION CENTER PROVIDED BY CONTROLS CONTRACTOR.
2. 20"x16" RA UP/DN, 20"x14 SA UP/DN.

GENERAL NOTES

A. ITEMS SHOWN IN DARK ARE NEW, ITEMS SHOWN IN HALF TONE ARE EXISTING TO REMAIN.

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C. CONTRACTOR SHALL PERFORM SYSTEM SHUT DOWNS AND TIE-INS EFFECTING OTHER AREAS OF THE BUILDING AS OFF HOURS WORK.

D. MECHANICAL CONTRACTOR SHALL REPLACE ALL FILTERS ON AHU SERVING AREA AT CLOSE OF CONSTRUCTION.

E. REPAIR INSULATION ON DUCTWORK AS NEEDED.

F. PROVIDE MANUAL BALANCE DAMPERS AT ALL FINAL DUCT TAKEOFFS TO DIFFUSERS, REGISTERS, AND GRILLES. LOCATE IN AN ACCESSIBLE LOCATION WITHIN 18" OF TAKEOFF FROM MAIN. BALANCE DAMPERS NOT SHOWN ON DRAWINGS.

G. ROOMS LABELED AS CONTAINING CEILING LIFTS, OPERATING ROOMS, AND C-SECTION ROOM ALL HAVE ADDITIONAL STRUCTURAL REINFORCEMENT ABOVE CEILING. COORDINATE DUCT ROUTING WITH STRUCTURE AND ALL OTHER TRADES.

H. SEE SHEET M-101A FOR FINAL DUCT RUNOUT SIZING SCHEDULE TO DIFFUSERS, REGISTERS, AND GRILLES.

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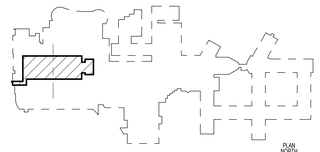
DRYER VENT OUT. TERMINATE WITH SEIHO MODEL SB ALUMINUM DRYER VENT WITH STANDARD FLAPPER DAMPER AND BACKDRAFT DAMPER. PROVIDE DRYER VENT WITH CUSTOM COLOR BY ARCHITECT.

1 FIFTH FLOOR PLAN - HVAC
1/8" = 1'-0"

KEY PLAN



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Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	0000000097729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Jeff Holle

ERIC J. SHERMAN E-13221 11/05/2013 REGISTERED MECHANICAL ENGINEER STATE OF NEBRASKA

FIFTH FLOOR PLAN - HVAC

SCALE 1/8" = 1'-0"

M-105

CONSTRUCTION DOCUMENTS

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SES PROJECT # 12140

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GENERAL NOTES

A. ITEMS SHOWN IN DARK ARE NEW, ITEMS SHOWN IN HALF TONE ARE EXISTING TO REMAIN.

B. EXISTING WORK SHOWN WAS OBTAINED USING EXISTING DOCUMENTS AND FIELD OBSERVATION. NOT ALL EQUIPMENT AND DISTRIBUTION SYSTEMS MAY BE SHOWN. CONTRACTOR TO VERIFY ALL SYSTEMS PRIOR TO COMMENCING WORK. IF DEVIATION BETWEEN EXISTING CONDITIONS AND NEW WORK IS FOUND, CONTRACTOR TO NOTIFY ENGINEER.

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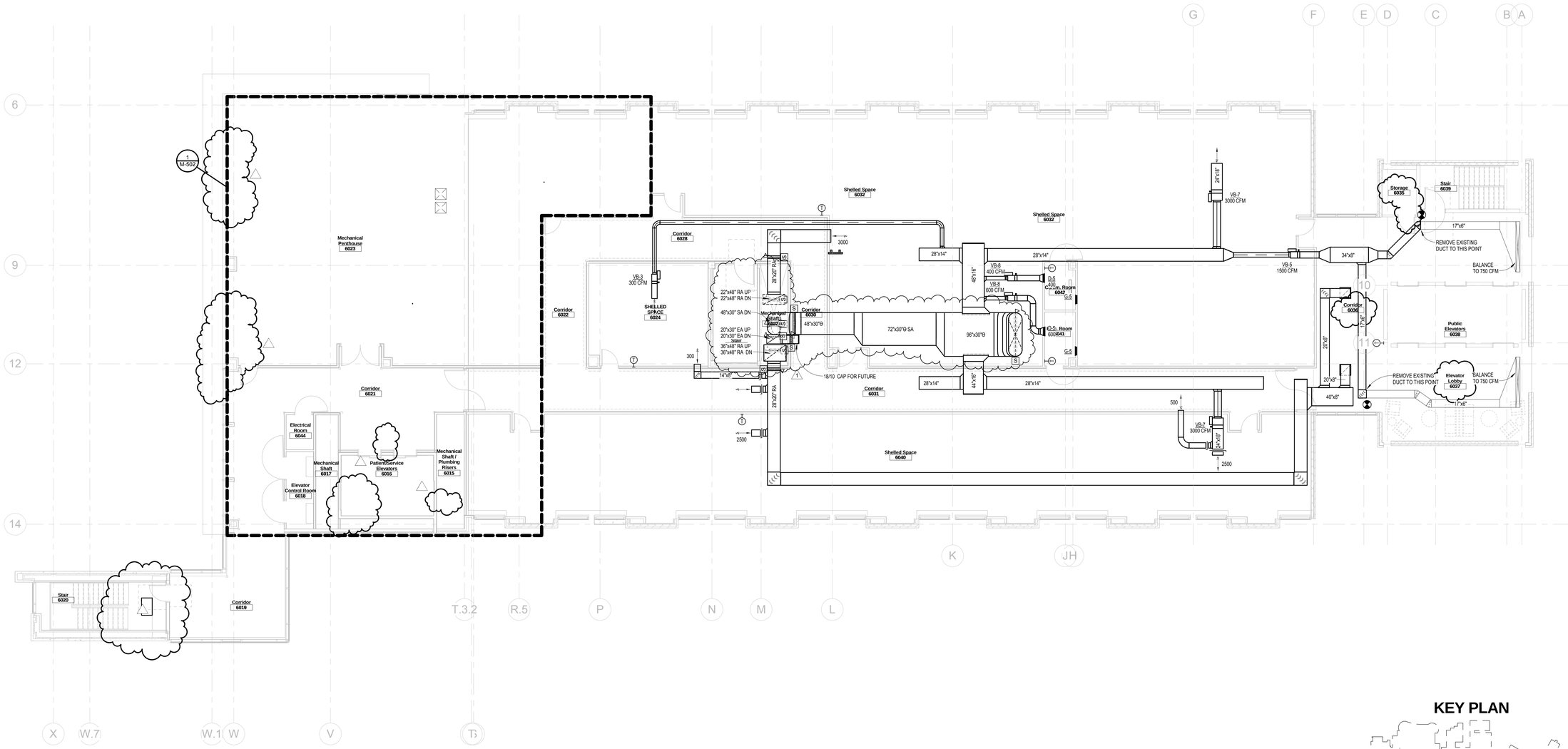
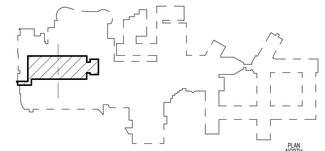
H. SEE SHEET M-101A FOR FINAL DUCT RUNOUT SIZING SCHEDULE TO DIFFUSERS, REGISTERS, AND GRILLES.

I. SPACE ABOVE CEILING IS LIMITED WITH LOW CEILING TO FLOOR ABOVE HEIGHTS. COORDINATE ROUTING WITH STRUCTURE AND ALL OTHER TRADES. REFERENCE SPECIFICATIONS FOR ADDITIONAL SEISMIC BRACING AND DESIGN REQUIREMENTS. REFERENCE SPECIFICATIONS FOR COORDINATION DRAWING REQUIREMENTS. DO NOT ORDER OR PRE-FABRICATE MATERIALS UNTIL COORDINATION DRAWINGS HAVE BEEN COMPLETED BETWEEN ALL TRADES.



1 SIXTH FLOOR PLAN - HVAC
1/8" = 1'-0"

KEY PLAN



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PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1
	2013.09.09	Pharmacy - ESI #4
PROJECT NUMBER		000000000197729
ORIGINAL ISSUE		11/05/2013
PROJECT MANAGER		Mike Goertzen
PROJECT DESIGNER		Brian Zabloudil
PROJECT ARCHITECT		Jeff Bahr
LANDSCAPE ARCHITECT		Brad Swerczek
CIVIL ENGINEER		-
STRUCTURAL ENGINEER		Doug Sholl
MECHANICAL ENGINEER		Todd Kubicek
ELECTRICAL ENGINEER		Kris Burnham
INTERIOR DESIGNER		Jill McFee
EQUIPMENT PLANNER		Greg Olsen
DRAWN BY		Jeff Holle

PROFESSIONAL MECHANICAL ENGINEER ERIC SHERMAN CM1224 11/05/2013 STATE OF MISSOURI

SIXTH FLOOR PLAN - HVAC

SCALE 1/8" = 1'-0"

M-106

CONSTRUCTION DOCUMENTS

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SES PROJECT # 12140

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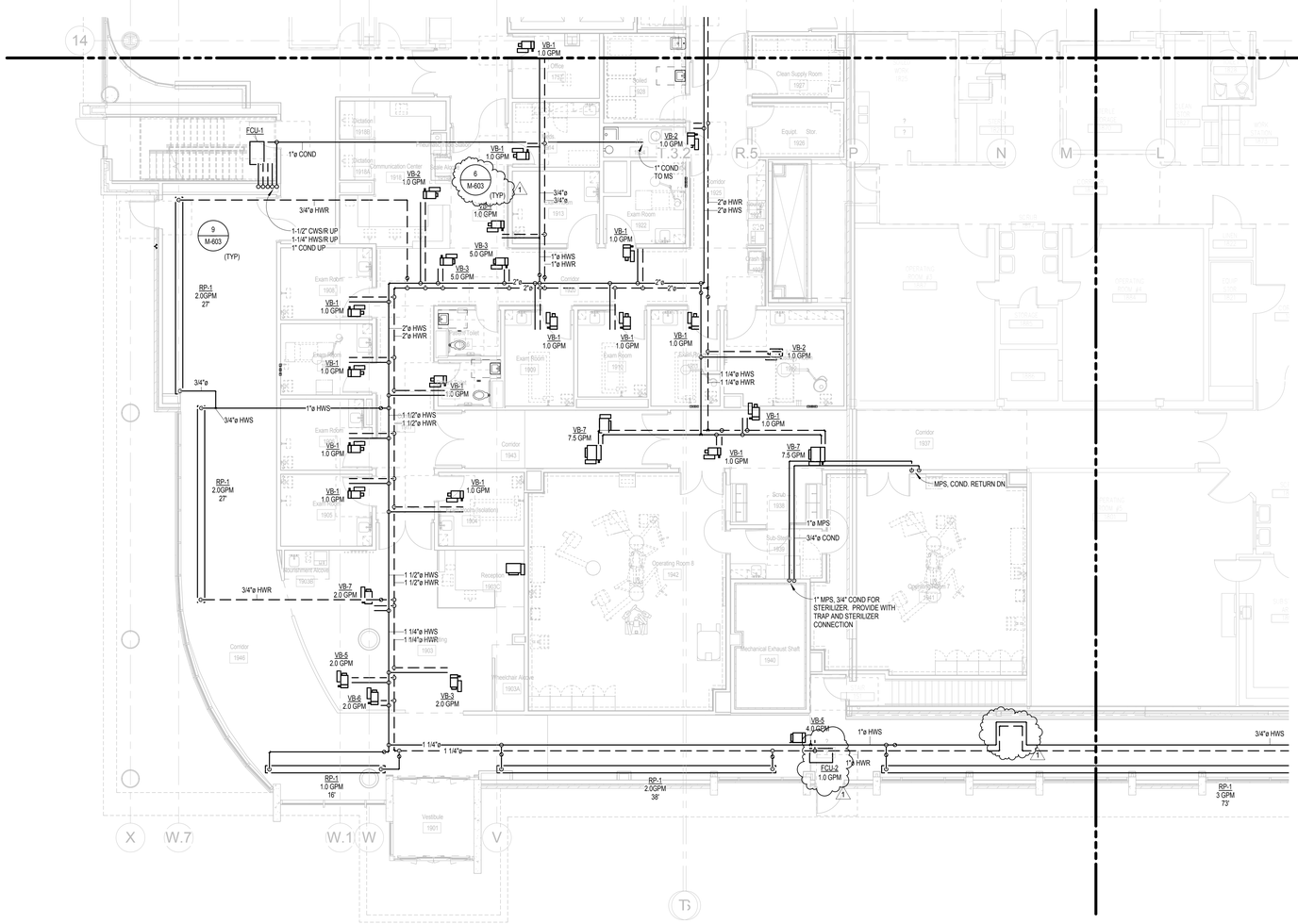
14
X
W.7
W.1
W
V
R.5
P
N
M
L
VB-1 1.0 GPM
VB-2 1.0 GPM
VB-3 5.0 GPM
VB-5 2.0 GPM
VB-6 2.0 GPM
VB-7 7.5 GPM
VB-7 2.0 GPM
FCU-1
1"ø COND
1" COND TO MS
3/4"ø HWR
1-1/2" CWS/R UP
1-1/4" HWS/R UP
1" COND UP
2"ø HWR
2"ø HWS
1"ø HWR
1"ø HWS
RP-1 2.0GPM 27'
RP-1 1.0 GPM 16'
RP-1 2.0GPM 38'
RP-1 3 GPM 73'
1 1/4"ø HWS
1 1/4"ø HWR
1 1/2"ø HWS
1 1/2"ø HWR
3/4"ø HWS
3/4"ø
1"ø MPS
3/4"ø COND
MPS, COND. RETURN DN
1" MPS, 3/4" COND FOR STERILIZER. PROVIDE WITH TRAP AND STERILIZER CONNECTION
1"ø HWS
3/4"ø HWS
1 1/4"ø
1"ø HWR
FCU-2 1.0 GPM
Corridor 1946
Corridor 1943
Corridor 1937
Vestibule 1901
Operating Room B 1942
Mechanical Exhaust Shaft 1940
Wheelchair Alcove 1903A
Recession 1903C
Scrub 1938
Sub-Sterile 1939
Operating Room A 1941
Exam Room 1905
Exam Room 1907
Exam Room 1909
Exam Room 1911
Exam Room 1913
Exam Room 1922
Exam Room 1924
Exam Room 1926
Clean Supply Room 1927
Equipt. Stor. 1935
Office 1758
Toilet 1908
Toilet 1912
Toilet 1914
Toilet 1923
Toilet 1925
Toilet 1934
Toilet 1936
Toilet 1940
Toilet 1942
Toilet 1944
Toilet 1946
Toilet 1948
Toilet 1950
Toilet 1952
Toilet 1954
Toilet 1956
Toilet 1958
Toilet 1960
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Toilet 1966
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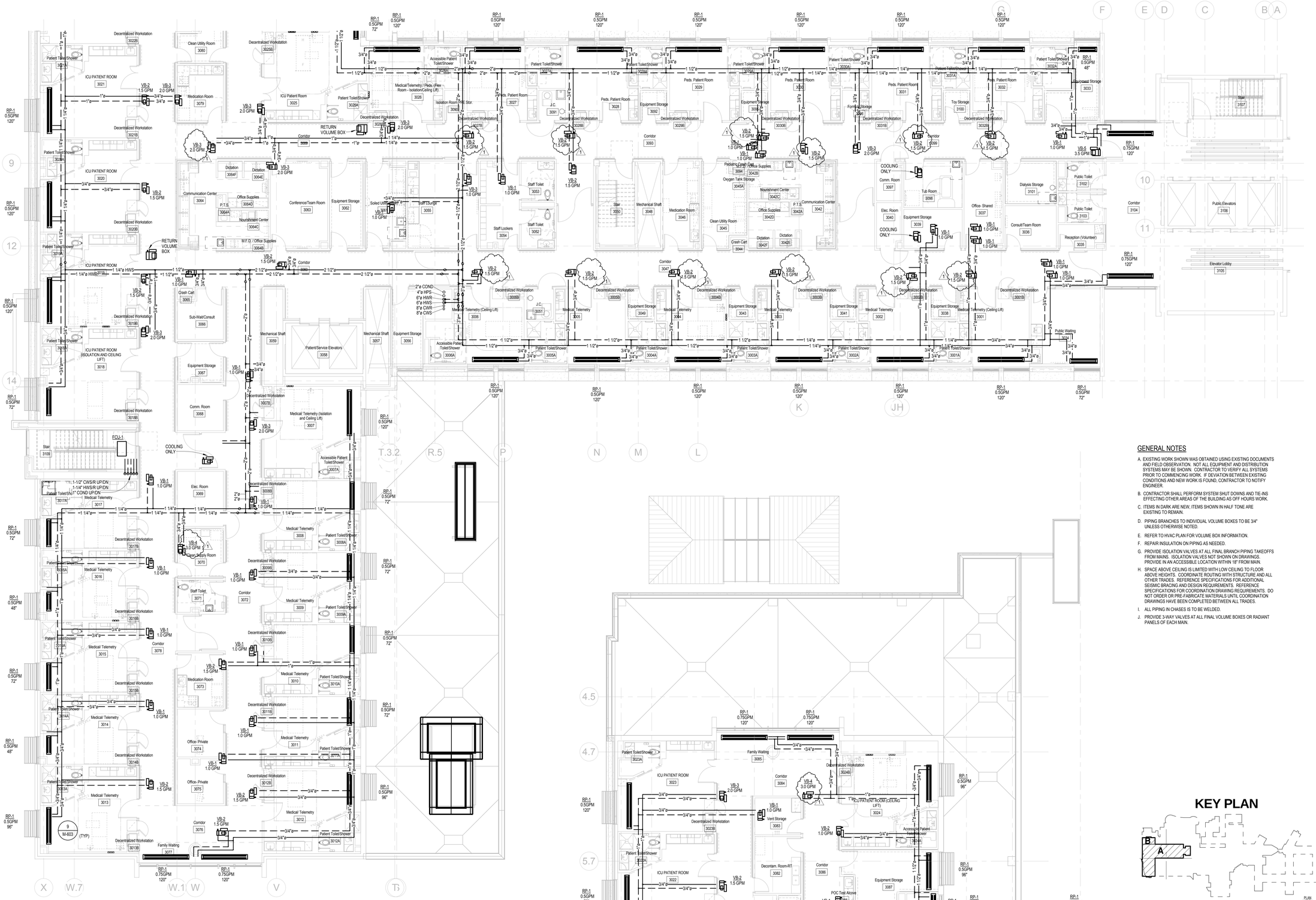
Toilet 1974
Toilet 1976
Toilet 1978
Toilet



1 THIRD FLOOR PLAN - AREA A - PIPING
1/8" = 1'-0"

2 THIRD FLOOR PLAN - AREA B - PIPING
1/8" = 1'-0"

GENERAL NOTES

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B. CONTRACTOR SHALL PERFORM SYSTEM SHUT DOWNS AND TIE-INS EFFECTING OTHER AREAS OF THE BUILDING AS OFF HOURS WORK.

C. ITEMS IN DARK ARE NEW, ITEMS SHOWN IN HALF TONE ARE EXISTING TO REMAIN.

D. PIPING BRANCHES TO INDIVIDUAL VOLUME BOXES TO BE 3/4" UNLESS OTHERWISE NOTED.

E. REFER TO HVAC PLAN FOR VOLUME BOX INFORMATION.

F. REPAIR INSULATION ON PIPING AS NEEDED.

G. PROVIDE ISOLATION VALVES AT ALL FINAL BRANCH PIPING TAKEOFFS FROM MAINS. ISOLATION VALVES NOT SHOWN ON DRAWINGS. PROVIDE IN AN ACCESSIBLE LOCATION WITHIN 18" FROM MAIN.

H. SPACE ABOVE CEILING IS LIMITED WITH LOW CEILING TO FLOOR ABOVE HEIGHTS. COORDINATE ROUTING WITH STRUCTURE AND ALL OTHER TRADES. REFERENCE SPECIFICATIONS FOR ADDITIONAL SEISMIC BRACING AND DESIGN REQUIREMENTS. REFERENCE SPECIFICATIONS FOR COORDINATION DRAWING REQUIREMENTS. DO NOT ORDER OR PRE-FABRICATE MATERIALS UNTIL COORDINATION DRAWINGS HAVE BEEN COMPLETED BETWEEN ALL TRADES.

I. ALL PIPING IN CHASES IS TO BE WELDED.

J. PROVIDE 3-WAY VALVES AT ALL FINAL VOLUME BOXES OR RADIANT PANELS OF EACH MAIN.

HDR

HDR ARCHITECTURE INC.

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Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

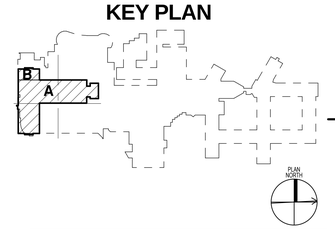
Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1
	PROJECT NUMBER	0000000000197729
	ORIGINAL ISSUE	11/05/2013
	PROJECT MANAGER	Mike Goetzen
	PROJECT DESIGNER	Brian Zabloudil
	PROJECT ARCHITECT	Jeff Bahr
	LANDSCAPE ARCHITECT	Brad Swerczek
	CIVIL ENGINEER	
	STRUCTURAL ENGINEER	Doug Sholl
	MECHANICAL ENGINEER	Todd Kubicek
	ELECTRICAL ENGINEER	Kris Burnham
	INTERIOR DESIGNER	Jill McFee
	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Jeff Holle

KEY PLAN



PROFESSIONAL ENGINEER
ERIC SHERMAN
E-13121
11/05/2013
STATE OF NEBRASKA

THIRD FLOOR PLAN - PIPING

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SES PROJECT # 12140

SCALE 1/8" = 1'-0"

M-203

CONSTRUCTION DOCUMENTS

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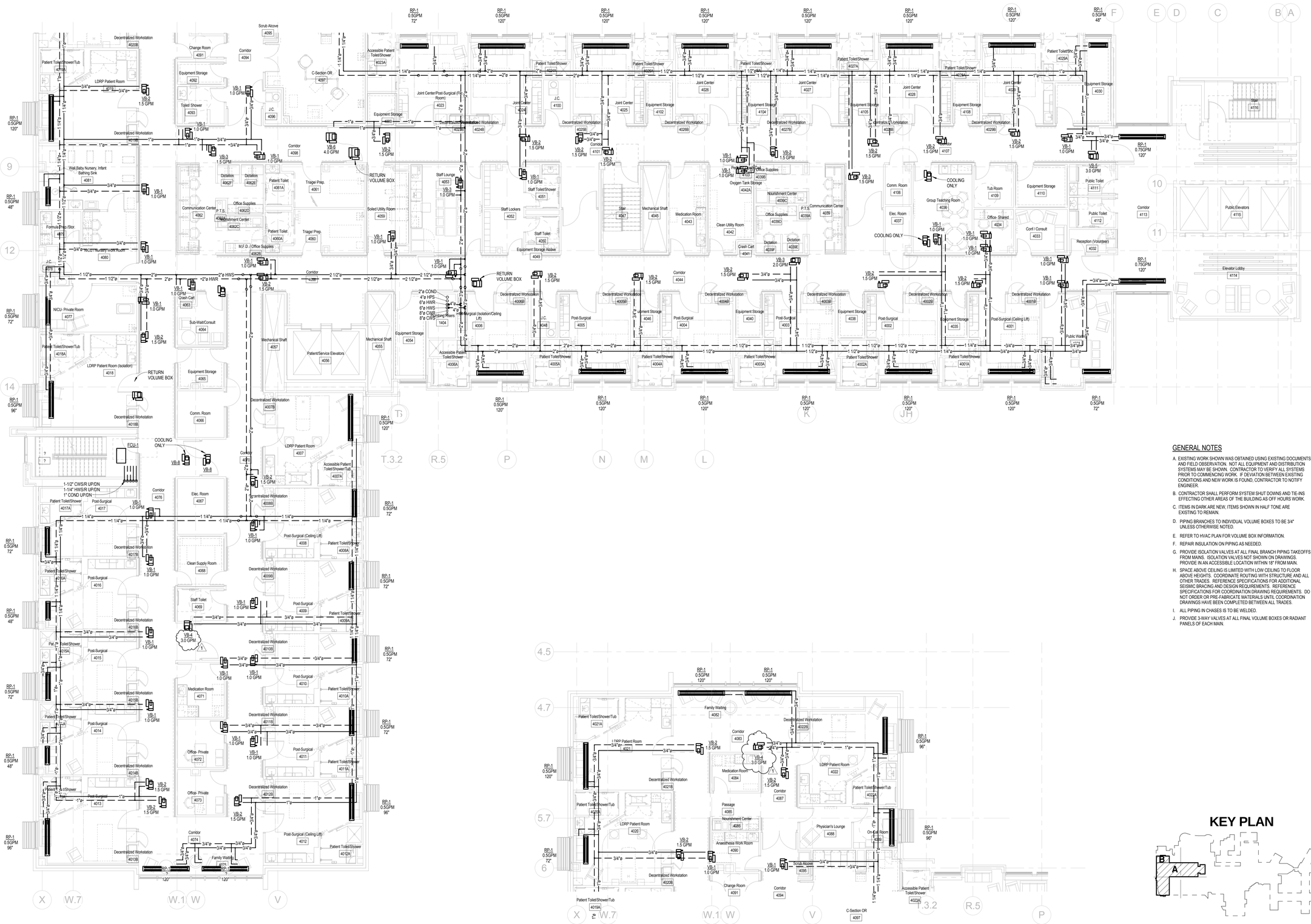

1 FOURTH FLOOR PLAN - AREA A - PIPING
1/8" = 1'-0"

2 FOURTH FLOOR PLAN - AREA B - PIPING
1/8" = 1'-0"

GENERAL NOTES

A. EXISTING WORK SHOWN WAS OBTAINED USING EXISTING DOCUMENTS AND FIELD OBSERVATION. NOT ALL EQUIPMENT AND DISTRIBUTION SYSTEMS MAY BE SHOWN. CONTRACTOR TO VERIFY ALL SYSTEMS PRIOR TO COMMENCING WORK. IF DEVIATION BETWEEN EXISTING CONDITIONS AND NEW WORK IS FOUND, CONTRACTOR TO NOTIFY ENGINEER.

B. CONTRACTOR SHALL PERFORM SYSTEM SHUT DOWNS AND TIE-INS EFFECTING OTHER AREAS OF THE BUILDING AS OFF HOURS WORK.

C. ITEMS IN DARK ARE NEW, ITEMS SHOWN IN HALF TONE ARE EXISTING TO REMAIN.

D. PIPING BRANCHES TO INDIVIDUAL VOLUME BOXES TO BE 3/4" UNLESS OTHERWISE NOTED.

E. REFER TO HVAC PLAN FOR VOLUME BOX INFORMATION.

F. REPAIR INSULATION ON PIPING AS NEEDED.

G. PROVIDE ISOLATION VALVES AT ALL FINAL BRANCH PIPING TAKEOFFS FROM MAINS. ISOLATION VALVES NOT SHOWN ON DRAWINGS. PROVIDE IN AN ACCESSIBLE LOCATION WITHIN 18" FROM MAIN.

H. SPACE ABOVE CEILING IS LIMITED WITH LOW CEILING TO FLOOR ABOVE HEIGHTS. COORDINATE ROUTING WITH STRUCTURE AND ALL OTHER TRADES. REFERENCE SPECIFICATIONS FOR ADDITIONAL SEISMIC BRACING AND DESIGN REQUIREMENTS. REFERENCE SPECIFICATIONS FOR COORDINATION DRAWING REQUIREMENTS. DO NOT ORDER OR PRE-FABRICATE MATERIALS UNTIL COORDINATION DRAWINGS HAVE BEEN COMPLETED BETWEEN ALL TRADES.

I. ALL PIPING IN CHASES IS TO BE WELDED.

J. PROVIDE 3-WAY VALVES AT ALL FINAL VOLUME BOXES OR RADIANT PANELS OF EACH MAIN.

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Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

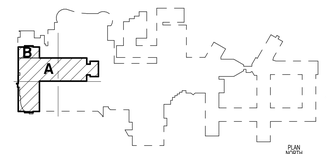
MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	0000000019729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Jeff Holle

KEY PLAN



ERIC J. SHERMAN — 13322 — 11/05/2013 — MECHANICAL ENGINEER — STATE OF NEBRASKA

FOURTH FLOOR PLAN - PIPING

SCALE 1/8" = 1'-0"

M-204

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SES PROJECT # 12140

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F. REPAIR INSULATION ON PIPING AS NEEDED.

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1 FIFTH FLOOR PLAN - PIPING
1/8" = 1'-0"

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Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

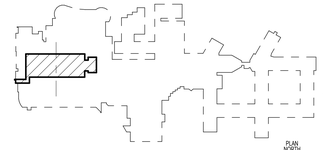
MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	0000000097729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Jeff Holle

KEY PLAN



PLAN NORTH

BRIAN ZABLOUDIL MECHANICAL ENGINEER E-19322 11/05/2013 STATE OF NEBRASKA

FIFTH FLOOR PLAN - PIPING

SCALE 1/8" = 1'-0"

M-205

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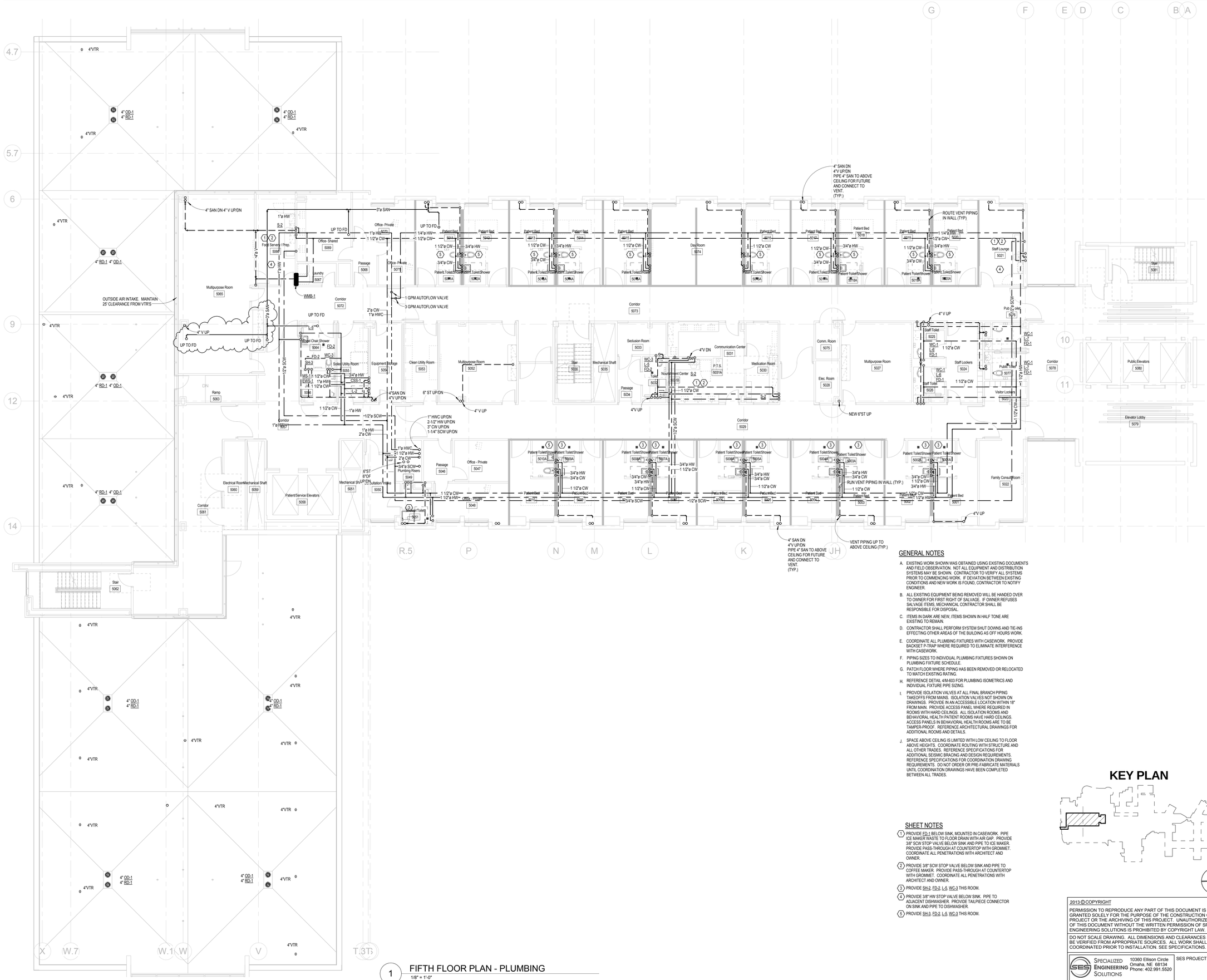

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B. ALL EXISTING EQUIPMENT BEING REMOVED WILL BE HANDED OVER TO OWNER FOR FIRST RIGHT OF SALVAGE. IF OWNER REFUSES SALVAGE ITEMS, MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL.

C. ITEMS IN DARK ARE NEW. ITEMS SHOWN IN HALF TONE ARE EXISTING TO REMAIN.

D. CONTRACTOR SHALL PERFORM SYSTEM SHUT DOWNS AND TIE-INS EFFECTING OTHER AREAS OF THE BUILDING AS OFF HOURS WORK.

E. COORDINATE ALL PLUMBING FIXTURES WITH CASEWORK. PROVIDE BACKSET P-TRAP WHERE REQUIRED TO ELIMINATE INTERFERENCE WITH CASEWORK.

F. PIPING SIZES TO INDIVIDUAL PLUMBING FIXTURES SHOWN ON PLUMBING FIXTURE SCHEDULE.

G. PATCH FLOOR WHERE PIPING HAS BEEN REMOVED OR RELOCATED TO MATCH EXISTING RATING.

H. REFERENCE DETAIL 4/M-603 FOR PLUMBING ISOMETRICS AND INDIVIDUAL FIXTURE PIPE SIZING.

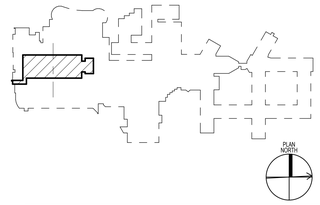
I. PROVIDE ISOLATION VALVES AT ALL FINAL BRANCH PIPING TAKEOFFS FROM MAINS. ISOLATION VALVES NOT SHOWN ON DRAWINGS. PROVIDE IN AN ACCESSIBLE LOCATION WITHIN 18" FROM MAIN. PROVIDE ACCESS PANEL WHERE REQUIRED IN ROOMS WITH HARD CEILINGS. ALL ISOLATION ROOMS AND BEHAVIORAL HEALTH PATIENT ROOMS HAVE HARD CEILINGS. ACCESS PANELS IN BEHAVIORAL HEALTH ROOMS ARE TO BE TAMPER-PROOF. REFERENCE ARCHITECTURAL DRAWINGS FOR ADDITIONAL ROOMS AND DETAILS.

J. SPACE ABOVE CEILING IS LIMITED WITH LOW CEILING TO FLOOR ABOVE HEIGHTS. COORDINATE ROUTING WITH STRUCTURE AND ALL OTHER TRADES. REFERENCE SPECIFICATIONS FOR ADDITIONAL SEISMIC BRACING AND DESIGN REQUIREMENTS. REFERENCE SPECIFICATIONS FOR COORDINATION DRAWING REQUIREMENTS. DO NOT ORDER OR PRE-FABRICATE MATERIALS UNTIL COORDINATION DRAWINGS HAVE BEEN COMPLETED BETWEEN ALL TRADES.

SHEET NOTES

1. PROVIDE FD-1 BELOW SINK, MOUNTED IN CASEWORK. PIPE ICE MAKER WASTE TO FLOOR DRAIN WITH AIR GAP. PROVIDE 3/8" SCW STOP VALVE BELOW SINK AND PIPE TO ICE MAKER. PROVIDE PASS-THROUGH AT COUNTERTOP WITH GROMMET. COORDINATE ALL PENETRATIONS WITH ARCHITECT AND OWNER.
2. PROVIDE 3/8" SCW STOP VALVE BELOW SINK AND PIPE TO COFFEE MAKER. PROVIDE PASS-THROUGH AT COUNTERTOP WITH GROMMET. COORDINATE ALL PENETRATIONS WITH ARCHITECT AND OWNER.
3. PROVIDE SH-3, FD-2, L-5, WC-3 THIS ROOM.
4. PROVIDE 3/8" HW STOP VALVE BELOW SINK. PIPE TO ADJACENT DISHWASHER. PROVIDE TAILPIECE CONNECTOR ON SINK AND PIPE TO DISHWASHER.
5. PROVIDE SH-3, FD-2, L-5, WC-3 THIS ROOM.

KEY PLAN



1 FIFTH FLOOR PLAN - PLUMBING
1/8" = 1'-0"

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Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	0000000000197729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Jeff Holle

PROFESSIONAL MECHANICAL ENGINEER
ERIC M. SHERMAN
E-11324
11/05/2013
STATE OF NEBRASKA

FIFTH FLOOR PLAN - PLUMBING

SCALE 1/8" = 1'-0"

M-305

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SES PROJECT # 12140

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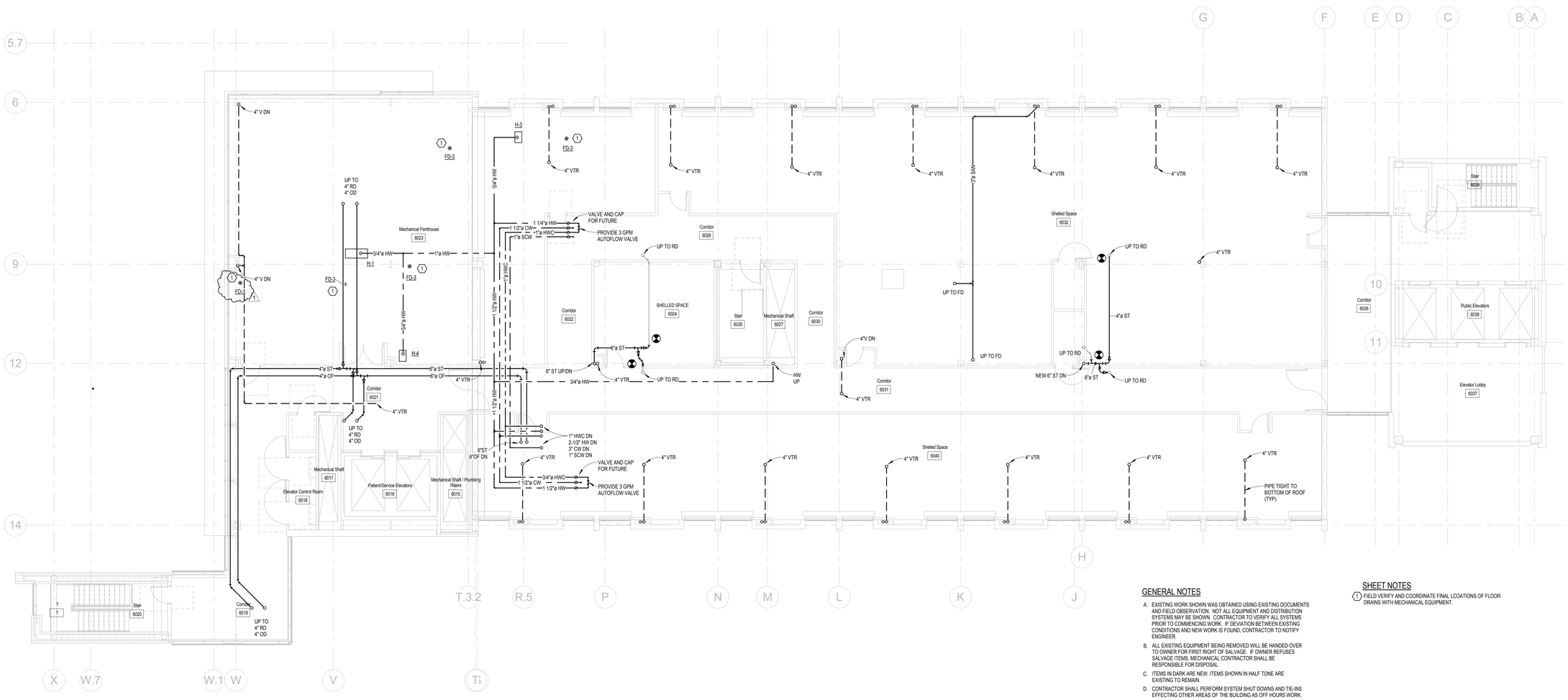

1 SIXTH FLOOR PLAN - PLUMBING
1/8" = 1'-0"

GENERAL NOTES

A. EXISTING WORK SHOWN WAS OBTAINED USING EXISTING DOCUMENTS AND FIELD OBSERVATION. NOT ALL EQUIPMENT AND DISTRIBUTION SYSTEMS MAY BE SHOWN. CONTRACTOR TO VERIFY ALL SYSTEMS PRIOR TO COMMENCING WORK. IF DEVIATION BETWEEN EXISTING CONDITIONS AND NEW WORK IS FOUND, CONTRACTOR TO NOTIFY ENGINEER.

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G. PATCH FLOOR WHERE PIPING HAS BEEN REMOVED OR RELOCATED TO MATCH EXISTING RATING.

H. REFERENCE DETAIL 4/M-603 FOR PLUMBING ISOMETRICS AND INDIVIDUAL FIXTURE PIPE SIZING.

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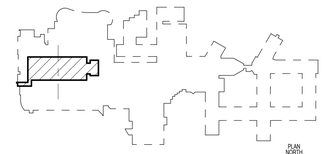
SHEET NOTES

1 FIELD VERIFY AND COORDINATE FINAL LCOATIONS OF FLOOR DRAINS WITH MECHANICAL EQUIPMENT.

KEY PLAN



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PROJECT FOR

FAMC Fremont Area Medical Center

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MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

1	2013-11-27	Addendum #1

MARK	DATE	DESCRIPTION
	PROJECT NUMBER	000000000197729
	ORIGINAL ISSUE	11/05/2013
	PROJECT MANAGER	Mike Goertzen
	PROJECT DESIGNER	Brian Zabloudil
	PROJECT ARCHITECT	Jeff Bahr
	LANDSCAPE ARCHITECT	Brad Swerczek
	CIVIL ENGINEER	-
	STRUCTURAL ENGINEER	Doug Sholl
	MECHANICAL ENGINEER	Todd Kubicek
	ELECTRICAL ENGINEER	Kris Burnham
	INTERIOR DESIGNER	Jill McFee
	EQUIPMENT PLANNER	Greg Olsen
	DRAWN BY	Jeff Holle

SIXTH FLOOR PLAN - PLUMBING

SCALE 1/8" = 1'-0"

M-306

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SES PROJECT # 12140

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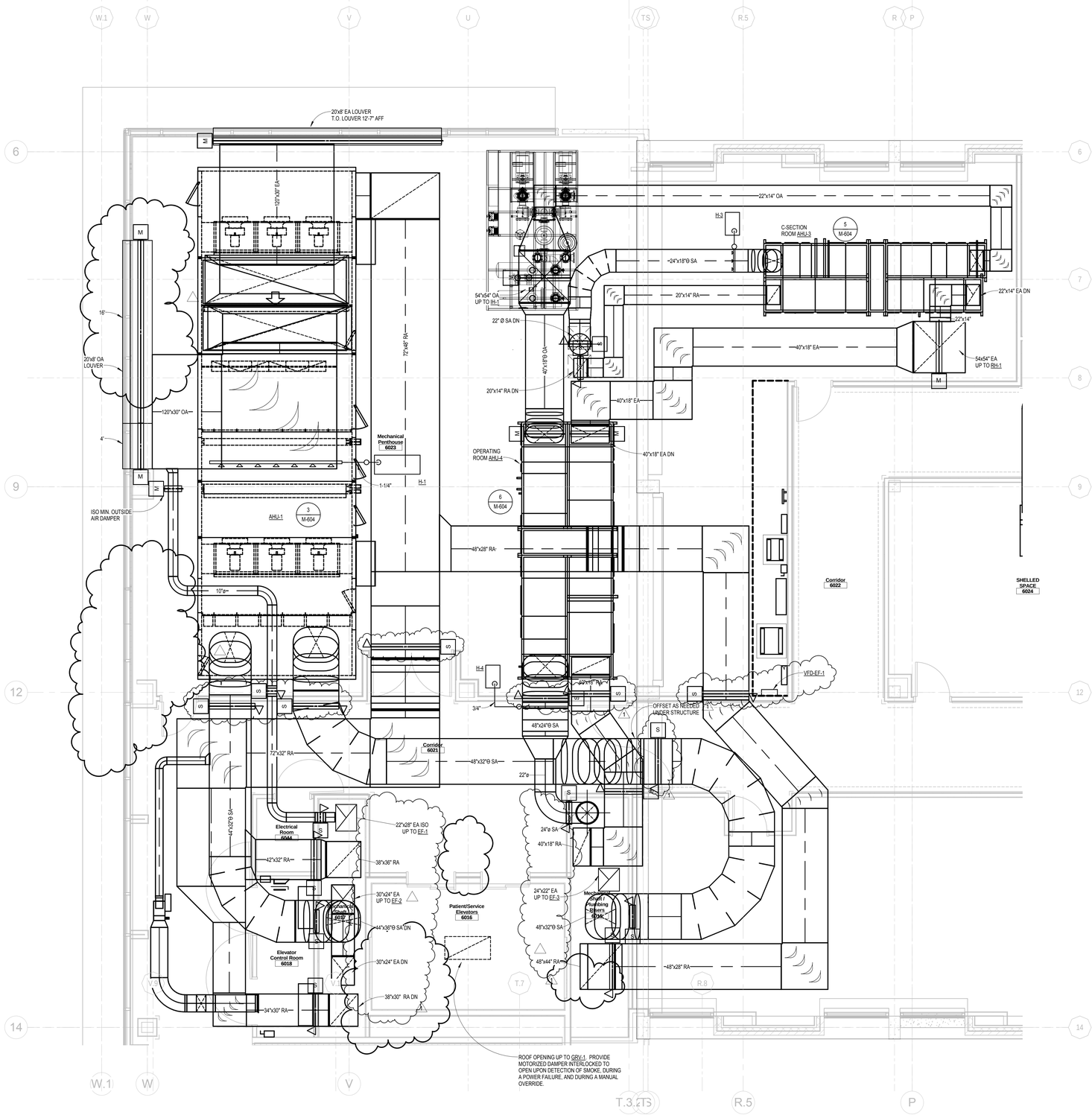

1 PARTIAL SIXTH FLOOR HVAC PLAN

1/4" = 1'-0"

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Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

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ORIGINAL ISSUE	11/05/2013
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CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Jeff Holle

PRINTED ORIGINAL MECHANICAL ENGINEERING DOCUMENT
ERIC J. SHERMAN
M-11224
11/05/2013
STATE OF NEBRASKA

PARTIAL SIXTH FLOOR PLAN

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SES PROJECT # 12140

SCALE 1/4" = 1'-0"

M-502

CONSTRUCTION DOCUMENTS

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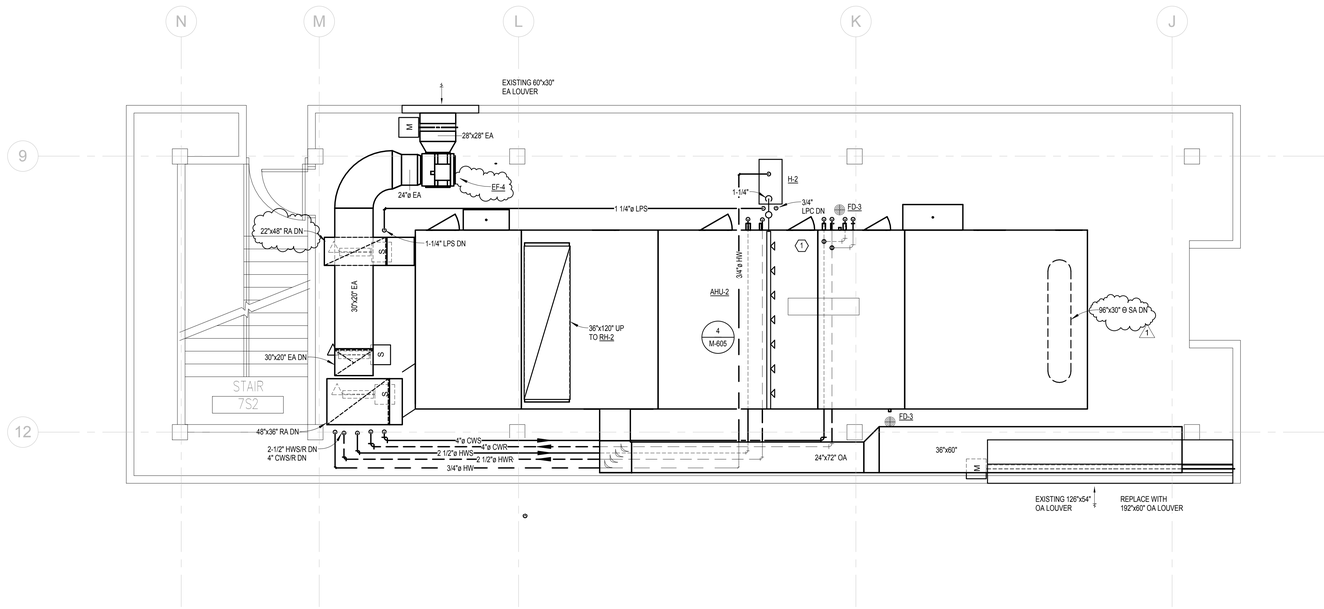

1 PENTHOUSE LEVEL HVAC PLAN

1/4" = 1'-0"

SHEET NOTES

1 INSTALL PRESSURE INDEPENDENT CONTROL VALVE ON CHILLED WATER SUPPLY TO AIR HANDLING UNIT CHILLED WATER COIL REFER TO SPECIFICATION SECTION 23 09 93.

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PROJECT FOR

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LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Jeff Holle

PROFESSIONAL MECHANICAL ENGINEER ERIC SHERMAN 11122 11/05/2013 STATE OF NEBRASKA

ENLARGED PENTHOUSE PLAN

SCALE 1/4" = 1'-0"

M-503

CONSTRUCTION DOCUMENTS

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SPECIALIZED ENGINEERING SOLUTIONS
10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
www.specializedeng.com

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AIR HANDLING UNIT SCHEDULE

MARK	LOCATION	TYPE	MIN. OA [CFM]	SUPPLY FAN						RETURN FAN						CHILLED WATER COIL	HEATING WATER COIL	FILTER DATA	MANUFACTURER	MODEL	REMARKS
				CFM	TYPE	T.S.P. [IN.]	E.S.P. [IN.]	HP	VOLTS/Ø/FLA	CFM	TYPE	T.S.P. [IN.]	E.S.P. [IN.]	HP	VOLTS/Ø/FLA	MARK	MARK				
AHU-1	SOUTH TOWER	FANWALL	11,200	55,000	(4)	8.5	6.0	12	460/3/184	55,000	(5)	3.0	2.0	5	460/3/76	CC-1	HC-1	MERV 8/ MERV 14	HUNTAIR	-	(1)(2)(4)(5)
AHU-2	NORTH PENTHOUSE	FANWALL	7,000	32,500	(6)	7.7	5.5	10	460/3/105	32,500	(7)	3.0	2.0	5	460/3/52	CC-2	HC-2	MERV 8/ MERV 14	HUNTAIR	-	(1)(2)(6)(7)(13)
AHU-3	SOUTH TOWER C-SECTION	(10)	250	2,000	(8)	5.6	3.0	1.5	460/3/6	2,000	(9)	2.65	1.5	1	460/3/4	CC-3	HC-3	MERV 8/ MERV 14	MCQUAY	CAH006DGM	(1)(2)(8)(9)(10)
AHU-4	SOUTH TOWER OR	(10)	800	6,500	(11)	6.5	4.0	5.5	460/3/15	6,500	(12)	2.8	1.5	2.5	460/3/10	CC-4	HC-4	MERV 8/ MERV 14	MCQUAY	CAH017GDGM	(1)(2)(10)(11)(12)

REMARKS
(1) PROVIDE WITH UV LIGHTS INTERLOCKED WITH AHU DOORS AND WITH EXTERIOR CONTROL SWITCH.
(2) PROVIDE WITH SINGLE POINT POWER CONNECTION FOR SUPPLY FAN SECTION AND RETURN FAN SECTION.
(3) PROVIDE WITH SINGLE POINT POWER CONNECTION.
(4) 3 X 3 FAN ARRAY (9 FANS TOTAL). EACH FAN IS 12 HP. PROVIDE 10 HP VFD FOR EACH FAN MOTOR.
(5) 3 X 3 FAN ARRAY (9 FANS TOTAL). EACH FAN IS 4.5 HP. PROVIDE 5 HP VFD FOR EACH FAN MOTOR.
(6) 3 X 2 ARRAY (6 FANS TOTAL). EACH FAN IS 10 HP, PROVIDE 10 HP VFD FOR EACH FAN MOTOR.
(7) 3 X 2 ARRAY (6 FANS TOTAL). EACH FAN IS 5 HP, PROVIDE 5 HP VFD FOR EACH FAN MOTOR.
(8) 1 x 2 ARRAY (2 FANS TOTAL). EACH FAN IS 1.5 HP, PROVIDE 1.5 HP VFD FOR EACH FAN MOTOR.
(9) 1 x 2 ARRAY (2 FANS TOTAL). EACH FAN IS 1.0 HP, PROVIDE 1 HP VFD FOR EACH FAN MOTOR.
(10)SIDE BY SIDE CONFIGURATION WITH OPPOSED AIRFLOW DESSICANT ENTHALPY WHEEL.
(11)1 x 2 ARRAY (2 FANS TOTAL). EACH FAN IS 5.5 HP, PROVIDE 5 HP VFD FOR EACH FAN MOTOR.
(12)1 x 2 ARRAY (2 FANS TOTAL). EACH FAN IS 2.5 HP, PROVIDE 2.5 HP VFD FOR EACH FAN MOTOR.
(13)UNIT SHALL BE CAPABLE OF FIELD KNOCKDOWN TO PASS ALL SECTIONS THROUGH A 6'-0" WIDE BY 6'-8" HIGH DOUBLE DOOR. CONTRACTOR SHALL BE RESPONSIBLE FOR DE-CONSTRUCTING SECTIONS AT PROJECT SITE AND RE-ASSEMBLING INSIDE MECHANICAL PENTHOUSE. REFER TO SPECIFICATION SECTION 23 73 15 FOR ADDITIONAL INFORMATION.

HYDRONIC COIL SCHEDULE

MARK	SERVES	FLUID TYPE	AIR FLOW [CFM]	MIN. ROWS	MAX. FINS PER INCH	MAX. SIZE (LxH) [IN.]	MAX. VELOCITY [FPM]	MAX. AIR P.D. [IN. W.C.]	ENTERING DB/WB [°F]	LEAVING DB/WB [°F]	TOTAL CAPACITY [MBH]	SENS. CAPACITY [MBH]	FLUID DATA			MANUFACTURER	MODEL	REMARKS
													FLOW [GPM]	EWT/LWT [°F]	MAX. P.D. [FT.]			
HC-1	AHU-1	30% PG	55,000	1	6	72x52	550	0.15	40.0/-	67.1/-	1712	-	140	140/115	3.5	HUNTAIR	5WC-2	(1)
CC-1	AHU-1	WATER	55,000	6	10	82x52	570	1.0	80.0/67.0	53.3/50.0	2280	1555	375	44/56	13.4	HUNTAIR	5WC-8	(1)(2)
HC-2	AHU-2	30% PG	32,500	1	10	65x36	500	0.11	40.0/-	66.3/-	985	-	80	140/115	3.6	HUNTAIR	5WC-4	(1)
CC-2	AHU-2	WATER	32,500	6	10	65x36	500	.80	80.0/67.0	52.8/52.4	1378	938	230	44/56	9.4	HUNTAIR	5WC-8	(1)(2)
HC-3	AHU-3	30% PG	2,000	3	7	36x21	380	0.07	40.0/-	65.5/-	76	-	8.0	140/120	0.3	MCQUAY	5WH0703B	(4)
CC-3	AHU-3	WATER	2,000	8	10	42x23	360	0.30	80.0/67.0	49.5/49.3	104	67	22	44/54	9.9	MCQUAY	5WH1008A	(2)(3)
HC-4	AHU-4	30% PG	6,500	2	12	32x33	450	0.20	70.0/-	104.7/-	242	-	26	140/120	1.0	MCQUAY	5WH1202C	(3)
CC-4	AHU-4	WATER	6,500	10	9	35x33	410	0.45	80.0/67.0	50.2/50.0	328	212	56	44/56	8.5	MCQUAY	5WH0910A	(2)(3)

REMARKS
(1) PROVIDE DUAL INLINE BANK OF COILS WITH SAME SIDE CONNECTIONS, 4 TOTAL.
(2) PROVIDE DOUBLE SLOPED DRAIN PAN WITH CONDENSATE DRAIN CONNECTION.
(3) DUAL STACKED COILS WITH SAME SIDE CONNECTIONS, 2 TOTAL.
(4) SINGLE COIL.

FAN SCHEDULE

MARK	TYPE	MAX. WEIGHT [LBS.]	AIR FLOW [CFM]	TOTAL S.P. [IN.W.C.]	MAX. FAN RPM	MAX. FAN BHP	ELECTRICAL DATA		MANUFACTURER	MODEL	REMARKS
							HP	VOLTS/PHASE			
EF-1	UTILITY SET	355	4700	2.5	1400	2.8	3	208/3	COOK	210CPV	(1)(3)(4)(5)
EF-2	CENT.	314	4900	2.0	1200	2.8	3	208/3	COOK	245ACRU-HP	(1)(2)(3)
EF-3	CENT.	314	3800	2.0	1500	2.4	3	208/3	COOK	210ACRU-HP	(1)(2)(3)
EF-4	INLINE 90° DISCHARGE	175	3600	2.0	1800	2.5	3	208/3	COOK	165SQN-B	(1)(2)(3)

REMARKS
(1) PROVIDE DISCONNECT.
(2) PROVIDE 18" ROOF CURB.
(3) PROVIDE AUTOMATIC BACKDRAFT DAMPER INTERLOCKED WITH MOTOR.
(4) PROVIDE SIDE INLET CURB.
(5) PROVIDE WITH VFD.

FAN COIL UNIT SCHEDULE

MARK	MAX. SIZE (LxWxH) [IN.]	AIRFLOW [CFM]	COOLING [MBH]	CLG. FLOW [GPM]	EWT [°F]	LWT [°F]	WPD [FT.]	HEATING [MBH]	HTG. FLOW [GPM]	EWT [°F]	LWT [°F]	WPD [FT.]	ELECTRICAL DATA		MANUFACTURER	MODEL	REMARKS
													MOTOR HP	VOLTS/PHASE			
FCU-1	46x26x12	470	15.0	2.5	45	55	.21	15	1.0	180	160	0.6	1/6	120/1	IEC	CBY-04	(1)(2)
FCU-2	46x26x12	470	-	-	-	-	-	15	1.0	180	160	0.6	1/6	120/1	IEC	CBY-04	(1)(2)

REMARKS
(1) CEILING MOUNTED 4 PIPE SYSTEM. BOTTOM DISCHARGE AND BOTTOM RETURN.
(2) COLOR SELECTED BY ARCHITECT.

VARIABLE VOLUME BOX SCHEDULE

MARK	CFM, MAX-MIN	MAX. S.P. [IN. WG]	INLET (INCHES)	HEAT COIL GPM, MAX	COIL CAPACITY [MBH]	DISCHARGE SOUND @ 1"Δ P [NC]	MANUFACTURER	MODEL	REMARKS
VB-1	360 - 75	0.25	5	1.0	16.9	25	KRUEGER	LMHS-05	(1)
VB-2	500 - 100	0.30	6	1.5	20.5	25	KRUEGER	LMHS-06	(1)
VB-3	850 - 200	0.50	8	2.0	33.5	25	KRUEGER	LMHS-08	(1)
VB-4	1200 - 300	0.50	10	3.0	48.0	23	KRUEGER	LMHS-10	(1)
VB-5	1700 - 500	0.50	12	3.5	66.5	24	KRUEGER	LMHS-12	(1)
VB-6	2500 - 600	0.50	14	4.0	92.2	24	KRUEGER	LMHS-14	(1)
VB-7	3600-700	0.50	16	7.5	92.2	24	KRUEGER	LMHS-16	(1)
VB-8	850 - 200	0.50	8	-	-	25	KRUEGER	LMHS-08	(1)

REMARKS
(1) SEE PLANS FOR INDIVIDUAL HEATING COIL GPM. ALL COILS TO BE MINIMUM 2 ROW.
(2) PROVIDE 12" INSULATION SECTION OF DUCTWORK BETWEEN BOX AND COIL WITH 10" SQUARE INSULATED ACCESS DOOR WITH CAM OR HINGED LOCK. ALL BOXES SERVING C-SECTION AND OPERATING ROOMS SHALL BE DOUBLE WALL. ALL OTHERS ARE TO BE PROVIDED WITH STERILNER.

RADIANT PANEL SCHEDULE

MARK	SIZE	BTU/LINEAL FT.	FLOW RATE (GPM)	MANUFACTURER	MODEL	REMARKS
RP-1	12" WIDE	262	SEE PLANS	STERLING	LINEAR RADIANT PANEL	(1)(2)(3)(4)

REMARKS
(1) COORDINATE PANEL WITH CEILING SYSTEM.
(2) INSULATE BACK OF RADIANT PANEL.
(3) PROVIDE TRIM RING IN HARD CEILINGS.
(4) COLOR TO BE SELECTED BY ARCHITECT.

EXHAUST/RETURN VARIABLE VOLUME BOX SCHEDULE

MARK	CFM, MAX-MIN	MAX. S.P. [IN. WG]	INLET (INCHES)	DISCHARGE SOUND @ 1"Δ P [NC]	MANUFACTURER	MODEL	REMARKS
RVB-1	360 - 75	0.25	5	25	KRUEGER	LMHS-05	(1)
RVB-2	500 - 100	0.30	6	25	KRUEGER	LMHS-06	(1)
RVB-3	850 - 200	0.50	8	25	KRUEGER	LMHS-08	(1)
RVB-4	1200 - 300	0.50	10	23	KRUEGER	LMHS-10	(1)
RVB-5	1700 - 500	0.50	12	24	KRUEGER	LMHS-12	(1)
RVB-6	2500 - 600	0.50	14	24	KRUEGER	LMHS-14	(1)
RVB-7	3600-700	0.50	16	24	KRUEGER	LMHS-16	(1)

REMARKS
(1) ALL BOXES SERVING C-SECTION AND OPERATING ROOMS SHALL BE DOUBLE WALL. ALL OTHERS ARE TO BE PROVIDED WITH STERILINER.

VARIABLE FREQUENCY DRIVE SCHEDULE

MARK	SERVES	TYPE	ELECTRICAL DATA		HP RATING	MANUFACTURER	MODEL	REMARKS
			MOTOR HP	VOLTS/PHASE				
VFD-EF-1	EF-1	PWM	3.0	208/3	3.0	DANFOSS GRAHAM	VLT	(1)(2)

REMARKS
(1) HORSEPOWER LISTED FOR SCHEDULED EQUIPMENT. VERIFY ACTUAL HORSEPOWER WITH SUBMITTED EQUIPMENT.
(2) PROVIDE INTEGRAL DISCONNECT WITH UNIT.

EXPANSION JOINT SCHEDULE

MARK	CONFIGURATION	OPER. WEIGHT [LBS]	PIPE SIZE [IN]	PIPE LENGTH [IN]	CORRUGATIONS	COMPRESSION [IN]	WORKING PRESSURE [PSIG]	MAXIMUM PRESSURE [PSIG]	MANUFACTURER	MODEL	REMARKS
EJ-1	SELF EQUALIZING	135	4	160	12	4.5	100	300	METRAFLEX	MC12C15F0400	(1)(2)
EJ-2	SELF EQUALIZING	90	4	80	7	2.625	100	300	METRAFLEX	MC07C15F0400	(1)(2)

REMARKS
(1) PROVIDE ANSI B16.5 FLANGED END FITTINGS AND HYDROFORMED T304 STAINLESS STEEL BELLOWS.
(2) PROVIDE ANCHORS AND GUIDES ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

SEWAGE PUMP SCHEDULE

MARK	SERVES	TYPE	FLOW [GPM]	TOTAL HEAD [FT.]	RPM	DISCHARGE [IN]	WPD [FT.]	ELECTRICAL DATA		MANUFACTURER	MODEL	REMARKS
								MOTOR HP	VOLTS/PHASE			
SP-1 & SP-2	WASTEWATER	SUBMERSIBLE	210	40	1750	4	21	7.5	480/3	STANCOR	100LX63.75	(1)(2)(3)

REMARKS
(1) FACTORY ASSEMBLED AND TESTED, SUBMERSIBLE NON-CLOG WASTEWATER SEWAGE PUMP.
(2) GUIDE-RAIL SYSTEM AND METAL FITTINGS FOR PUMP DISCHARGE CONNECTION.
(3) LEAD-LAG PUMP CONTROLLER, MECHANICAL FLOATS AND ALARMS. REFER TO SPECIFICATION SECTION 221433 FOR ADDITIONAL INFORMATION.

PACKAGED HEAT EXCHANGER SCHEDULE

MARK	FLOW [GPM]	TOTAL HEAD [FT]	SHUT-OFF HEAD [FT]	MIN. EFFICIENCY [%]	TYPE OF FLUID	RPM	SUCTION / DISCHARGE SIZE [IN.]	MAX. IMPELLER DIA. [IN.]	ELECTRICAL DATA			MANUFACTURER	MODEL	REMARKS
									HP	VOLTS/PHASE	CONTROL DEVICE			
P-1	700	75	85	80	30% PG	1760	6x5	9.3	20	480V/3Ø	CONTROLLER	TACO	FI5011	(1)(2)(3)
P-2	700	75	85	80	30% PG	1760	6x5	9.3	20	480V/3Ø	CONTROLLER	TACO	FI5011	(1)(2)(3)
CP-1	60	45	-	-	LPC	3500	3x2	-	1.5	480V/3Ø	ALTERNATOR	SKIDMORE	VJS-402	(4)

REMARKS
(1) PACKAGED SYSTEM WITH FULLY REDUNDANT HOT WATER PUMPS, HEAT EXCHANGERS, DUPLEX CONDENSATE RETURN SYSTEM, AIR SEPARATOR, AND GLYCOL FEEDER.
(2) CONTROLLER WITH PUMP STATUS AND ALARM, AND VARIABLE FREQUENCY DRIVE FOR EACH PUMP.
(3) SINGLE POINT POWER CONNECTION WITH INDIVIDUAL DISCONNECT FOR EACH PUMP. TOTAL CONNECTED ELECTRICAL REQUIREMENTS: 65 MCA, 80 MOCP AT 480V/3PH.
(4) DUPLEX CONDENSATE RETURN PUMPS WITH 65 GALLON CAST IRON RECEIVER AND MECHANICAL ALTERNATOR.

SHELL & TUBE HEAT EXCHANGER SCHEDULE

MARK	SERVES	CONFIGURATION	MAXIMUM OPERATING WEIGHT (LBS)	MAXIMUM SIZE (LxØ)(IN.)	SHELL SIDE DATA				TUBE SIDE DATA				MANUFACTURER	MODEL	REMARKS
					FLUID	PRESSURE [PSI.]	FLOW (#/HR)	TRAP CAPACITY (#/HR)	FLUID	GPM	EWT/LWT (F)	MAX. WPD (FEET)			
HX-1	PACKAGED SYSTEM	SHELL AND TUBE	880	72x24	STEAM	15	7015	2500	30% PG	700	160/180	2.0	TACO	E16208-S	(1)(2)(3)
HX-2	PACKAGED SYSTEM	SHELL AND TUBE	880	72x24	STEAM	15	7015	2500	30% PG	700	160/180	2.0	TACO	E16208-S	(1)(2)(3)

REMARKS
(1) HEAT EXCHANGER MOUNTED ON PACKAGED HEAT EXCHANGER SYSTEM WITH ISOLATION VALVE ON CONNECTION TO HOT WATER PUMP.
(2) PROVIDE INSTALLATION TO ALLOW SERVICE OF SYSTEM INCLUDING TUBE PULL SPACE AND TRAPS.
(3) REFER TO SPECIFICATION SECTION 23 5715 FOR ADDITIONAL COMPONENTS AND CONSTRUCTION.

GLYCOL FEEDER SCHEDULE

MARK	SERVES	CONFIGURATION	MAX. OPERATING FULL WEIGHT [LBS.]	MAX. SIZE (ØxH) [IN.]	SYSTEM PRESSURE [PSI]	MANUFACTURER	MODEL	REMARKS
GF-1	PACKAGED HEAT EXCHANGER	(1)	200	12x36	25	AXIOM	MF300	(1)(2)

REMARKS
(1) PACKAGED FEEDER WITH 17 GALLON STEEL TANK AND POSITIVE DISPLACEMENT PUMP.
(2) 120V/1Ø PUMP, HIGH/LOW PRESSURE SENSOR AND LOW LEVEL INDICATOR.

EXPANSION TANK SCHEDULE

MARK	SERVES	CONFIGURATION	MAX. OPERATING FULL WEIGHT [LBS.]	MAX. SIZE (ØxH) [IN.]	ACCEPTANCE VOLUME [GAL.]	MANUFACTURER	MODEL	REMARKS
ET-1	HEATING WATER	BLADDER	980	24x60	79	TACO	CA-300	1

REMARKS
(1) 79 GALLON EXPANSION TANK WITH BLADDER, CHARGING VALVE, AIR CONNECTION AND DRAIN.

STEAM PRESSURE REDUCING STATION SCHEDULE

MARK	CONFIGURATION	OPER. WEIGHT [LBS]	SIZE [IN]	RATED FLOW [CV]	SUPPLY [PPH]	ENTERING PRESSURE [PSIG]	LEAVING PRESSURE [PSIG]	MANUFACTURER	MODEL	REMARKS
PRV-1	SINGLE SEAT	75	2	31.0	5000	100	15	SPENCE	TYPE E	(1)(2)
PRV-2	SINGLE SEAT	40	1-1/4	14.1	2500	100	15	SPENCE	TYPE E	(1)(2)

REMARKS
(1) VAPOR LOGIC 4 ELECTRIC MODULATING CONTROLLER, AIRFLOW PROVING SWITCH, AND DUCT MOUNTED HUMIDISTAT HIGH LIMIT SWITCH.
(2) DISPERSION TUBE FURNISHED BY MANUFACTURER, INSTALLED BY AIR HANDLING UNIT MANUFACTURER.

STEAM TO STEAM HUMIDIFIER SCHEDULE

MARK	STEAM PRESSURE IN [PSIG]	SERVES	STEAM FLOW [#/HR]	ABSORPTION DISTANCE [IN]	LPS LINE SIZE [IN.]	LPC LINE SIZE [IN.]	MANUFACTURER	MODEL	REMARKS
H-1	15	AHU-1	270	13	1-1/2	1	DRI-STEEM	STS-100C	(1)(2)
H-2	15	AHU-2	165	12	1-1/4	3/4	DRI-STEEM	STS-50C	(1)(2)
H-3	15	AHU-3	10	6	3/4	3/4	DRI-STEEM	STS-25S	(1)(3)
H-4	15	AHU-4	25	6	3/4	3/4	DRI-STEEM	STS-25S	(1)(3)

REMARKS
(1) VAPOR LOGIC 4 ELECTRIC MODULATING CONTROLLER, AIRFLOW PROVING SWITCH, AND DUCT MOUNTED HUMIDISTAT HIGH LIMIT SWITCH.
(2) DISPERSION TUBE FURNISHED BY MANUFACTURER, INSTALLED BY AIR HANDLING UNIT MANUFACTURER.
(3) DISPERSION TUBE FURNISHED BY MANUFACTURER, FIELD INSTALLED BY MECHANICAL CONTRACTOR.

DIFFUSER, REGISTER, AND GRILLE SCHEDULE

MARK (1)	DESCRIPTION/ DEFLECTION	MAX. S.P. [IN. W.C.]	CONST. MATERIAL	FINISH	FACE SIZE	ACCESSORIES	MANUFACTURER	MODEL	REMARKS
D-1	PLAQUE	0.1"	STEEL	WHITE	SEE PLANS	W/O.B.D.	KRUEGER	PLQ	(1)(2)(4)(1)
D-2	PLAQUE	0.1"	ALUMINUM	WHITE	SEE PLANS	W/O.B.D.	KRUEGER	PLQ	(1)(2)
D-3	DOUBLE DEFLECTION	0.1"	STEEL	WHITE	SEE PLANS	-	KRUEGER	880	-
D-4	SECURITY ANTI-LIGATURE	0.1"	STEEL	WHITE	SEE PLANS	W/O.B.D.	KRUEGER	13SD	(1)(2)
D-5	DOUBLE DEFLECTION	0.1"	STEEL	WHITE	18X10	-	KRUEGER	880	-
G-1	PERFORATED RETURN	0.1"	STEEL	WHITE	SEE PLANS	-	KRUEGER	6490	(1)(3)
G-2	PERFORATED RETURN	0.1"	ALUMINUM	WHITE	SEE PLANS	-	KRUEGER	6490	(1)(3)
G-3	FIXED RETURN	0.1"	STEEL	WHITE	SEE PLANS	-	KRUEGER	S80	-
G-4	AIRFOIL BLADE RETURN	0.1"	ALUMINUM	WHITE	SEE PLANS	W/O.B.D.	KRUEGER	AFS585	-
G-5	SECURITY ANTI-LIGATURE	0.1"	STEEL	WHITE	SEE PLANS	W/O.B.D.	KRUEGER	13SD	(1)(2)
G-5	FIXED RETURN	0.1"	STEEL	WHITE	18X10	-	KRUEGER	S80	-

REMARKS
(1) COORDINATE EXACT MODEL AND FRAME WITH CEILING TYPE.
(2) PROVIDE REMOTE DAMPER ACTUATION IN HARD CEILINGS.
(3) PROVIDE BLACKOUT PANELS ON TRANSFER GRILLES.
(4) PROVIDE BLANKOUT PANELS ON EDGE OF DIFFUSER NEAREST PATIENT HEADWALLS IN ALL PATIENT ROOMS.

AIR SEPARATOR SCHEDULE

MARK	SERVES	CONFIGURATION	MAX. OPERATING WEIGHT [LBS.]	MIN. FLOW [GPM]	LINE SIZE [IN.]	MANUFACTURER	MODEL	REMARKS
AS-1	HEATING WATER	AIR/DIRT	1100	700	6	TACO	4906ADH	(1)(2)

REMARKS
(1) AIR SEPARATOR MOUNTED ON PACKAGED HEAT EXCHANGER SYSTEM.
(2) PROVIDE AUTOMATIC AIR VENT, BLOWDOWN VALVE AND FLUSH VALVE.

BRANCH PIPING SCHEDULE

MARK	PIPE CONNECTION SIZE			REMARKS
	CWS/R	HWS/R	CONDENSATE	
AHU-1	5"	3"	2"	(1)
AHU-2	4"	2-1/2"	2"	(1)
AHU-3	1-1/2"	3/4"	1-1/4"	(1)
AHU-4	2-1/2"	1-1/2"	1-1/4"	(1)
FCU-1	3/4"	3/4"	3/4"	(2)

REMARKS
(1) REFER TO HYDRONIC COIL SCHEDULE.
(2) REFER TO FAN COIL UNIT CONNECTION DETAIL.

GRAVITY VENT SCHEDULE

MARK	AIRFLOW [CFM]	OPENING SIZE (WxH) [IN]	MANUFACTURER	MIN. FREE AREA [FT]	MODEL	REMARKS
GRV-1	-	24X48	COOK	7.8	24x48GR	(1)(4)
IH-1	8,500	54X54	COOK	20	54x54GR	(1)(4)
IH-2	32,500	192X42	COOK	75	192X42X 12TRE	(1)(4)(6)
RH-1	8,500	54X54	COOK	20	54x54GR	(4)(5)
RH-2	35,000	72X144	COOK	70	72X144GR	(3)(4)
RH-3	32,500	72X120	COOK	60	72X120GR	(2)(4)

REMARKS
(1) PROVIDE WITH INSULATED MOTORIZED BACKDRAFT DAMPER INTERLOCKED WITH SMOKE DETECTION SYSTEM AND MANUAL OVERRIDE CONTROLS. 36" CURB.
(2) PROVIDE WITH 18" CURB.
(3) 10 TIER LOUVERED PENTHOUSE WITH 18" CURB.
(4) PROVIDE WITH BIRD SCREEN.
(5) PROVIDE WITH INSULATED MOTORIZED BACKDRAFT DAMPER INTERLOCKED WITH SMOKE DETECTION SYSTEM AND MANUAL OVERRIDE CONTROLS. 18" CURB.
(6) 12 TIERS

MEDICAL AIR COMPRESSOR SCHEDULE

MARK	SCFM @ 50 PSI (EACH COMP.)	DESIGN CAPACITY SCFM @ 50 PSI	CONFIGURATION	HP	# OF PUMPS	MODEL	MANUFACTURER	REMARKS
MAC-1	17	48.9	STACK MOUNTED QUADRAPLEX	5	4	AS500-ST4-DD	OHIO MEDICAL	(1)

REMARKS
(1) OIL-LESS ROTARY SCROLL COMPRESSED AIR SYSTEM WITH DESICCANT DRYERS. PROVIDE COMPLETE SYSTEM INSTALLED TO MEET THE FULL REQUIREMENTS OF NFPA99. 208V/3PH.

INSTRUMENT AIR COMPRESSOR SCHEDULE

MARK	SCFM @ 250 PSI (EACH COMP.)	DESIGN CAPACITY SCFM @ 50 PSI	CONFIGURATION	HP	# OF PUMPS	MODEL	MANUFACTURER	REMARKS
IAC-1	30.2	30.2	TANK MOUNTED DUPLEX	10	2	AI1000B-T2	OHIO MEDICAL	(1)

REMARKS
(1) HIGH PRESSURE RECIPROCATING COMPRESSED INSTRUMENT AIR SYSTEM WITH DESSICANT DRYERS. PROVIDE COMPLETE SYSTEM INSTALLED TO MEET THE FULL REQUIREMENTS OF NFPA99. 208V/3PH.

MEDICAL VACUUM SCHEDULE

MARK	SCFM @ 19 HG. (EACH COMP.)	CONFIGURATION	HP	DIMENSIONS [IN.]			TANK GAL.	MANUFACTURER	MODEL	REMARKS
				L	W	H				
VP-1	71.1	HORIZONTAL TANK MOUNTED DUPLEX	10	90	46	77	120	OHIO MEDICAL	S1000B-T2	(1)

REMARKS
(1) LUBRICATED OIL SEALED ROTARY VANE. PROVIDE COMPLETE SYSTEM INSTALLED TO MEET THE FULL REQUIREMENTS OF NFPA99. 208V/3PH.

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Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

1	2013-11-27	Addendum #1
MARK	DATE	DESCRIPTION

PROJECT NUMBER	0000000000197729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Jeff Holle

REGISTERED PROFESSIONAL MECHANICAL ENGINEER
ERIC SHERMAN
E-11322
11/05/2013
STATE OF NEBRASKA

MECHANICAL SCHEDULES

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SES PROJECT # 12140

SCALE 1/8" = 1'-0"

M-601

CONSTRUCTION DOCUMENTS

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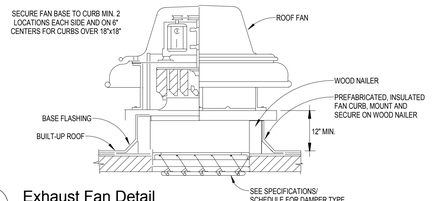
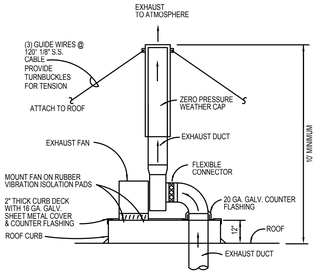
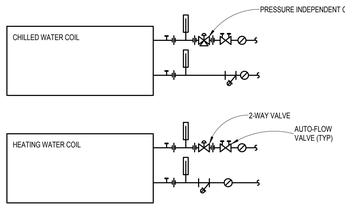


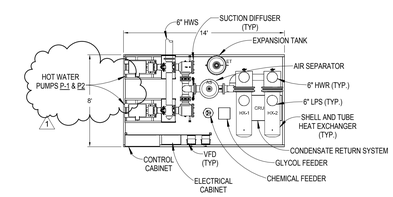
1 Exhaust Fan Detail
NONE



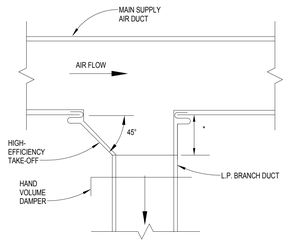
2 Upblast Fan Detail
1/8" = 1'-0"



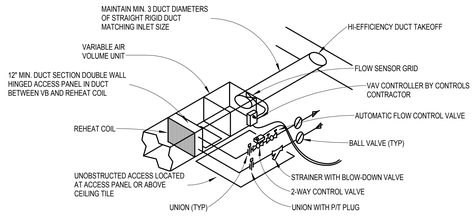
3 Heating / Chilled Water Coil Detail
NONE



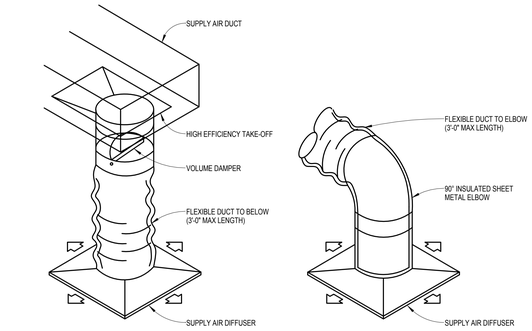
7 Packaged Heat Exchanger System Detail
NONE



5 Typical Branch Duct Take-off Detail
NONE



6 Terminal Unit Detail
NONE



8 Typical Diffuser Connection Detail
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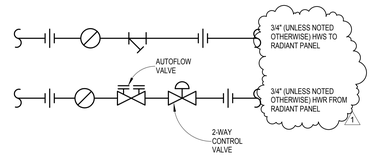

9 Radiant Panel Connection Detail
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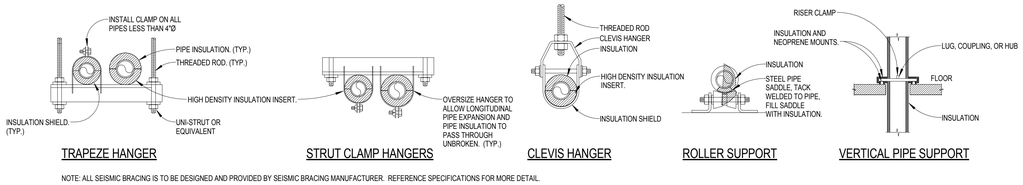
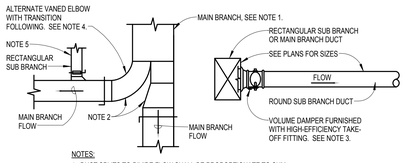


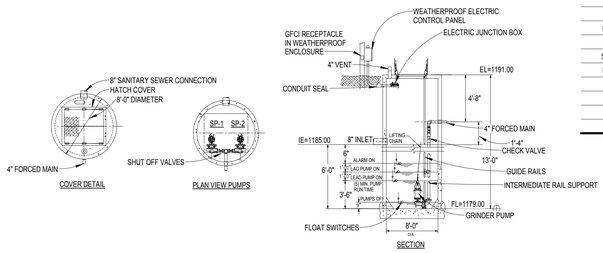
NOTE: ALL SEISMIC BRACING IS TO BE DESIGNED AND PROVIDED BY SEISMIC BRACING MANUFACTURER. REFERENCE SPECIFICATIONS FOR MORE DETAIL.

10 Non-Seismic Pipe Support Detail
NONE

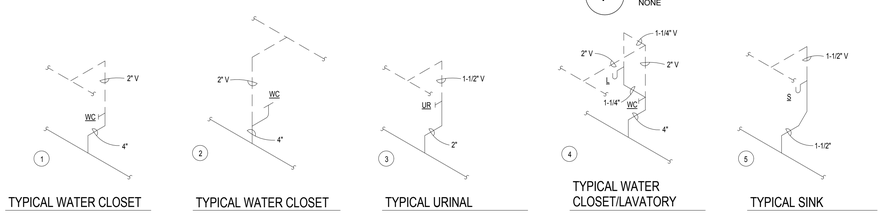


NOTES:
1. DUCT SPLITS TO DIVIDE FLOW SHALL BE PROPORTIONATE TO SUM TOTAL OF BRANCH DUCT CFM SHOWN ON FLOOR PLANS.
2. ELBOW RADIUS, TAKE-OFF ANGLE AND TRANSITION ANGLE SHALL BE PER SMACNA RECOMMENDATIONS.
3. ROUND DUCT TAKE-OFFS FROM RECTANGULAR DUCTS SHALL BE MADE WITH A HIGH EFFICIENCY FLANGED AND GASKETED FITTING. THE MOUNTING GROOVE SHALL BE SO CONSTRUCTED AS TO ENSURE CONSTANT FIT CONTROL. BALANCING DAMPERS SHALL BE FACTORY INSTALLED WITH SPRING LOADED RETRACTABLE BEARINGS AND A POSITIVE LOCKING WING NUT FOR EASY READ ADJUSTMENT WHEN NEEDED. FITTING SHALL BE FULLY GASKETED ON ALL FLANGES AND CORNERS FOR HIGH EFFICIENCY TAKE-OFF FITTINGS.
4. ALL ELBOWS SHALL BE RADIUS TYPE, EXCEPT WHERE SPACE RESTRICTIONS NECESSITATE USING 90° MITERED VANED ELBOWS.
5. VOLUME DAMPERS SHALL BE PROVIDED ON ALL LOW PRESSURE SUPPLY DUCT BRANCHES AND ON ALL RETURN AND EXHAUST DUCT BRANCHES. PROVIDE REMOTE CONTROL WHEN INSTALLED ABOVE GYP CEILINGS, YOUNG REGULATOR OR EQUAL.

11 Duct Fabrication Detail
NONE



12 LIFT STATION DETAIL
NONE



4 Typical Plumbing Isometrics
NONE

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PROJECT FOR
FAMC Fremont Area Medical Center

Fremont Area Medical Center

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EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Jeff Holle

PROFESSIONAL MECHANICAL ENGINEER
ERIC J. SHERMAN
E-13221
11/05/2013
STATE OF NEBRASKA

MECHANICAL DETAILS

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SES PROJECT # 12140

SCALE NONE

M-603

CONSTRUCTION DOCUMENTS

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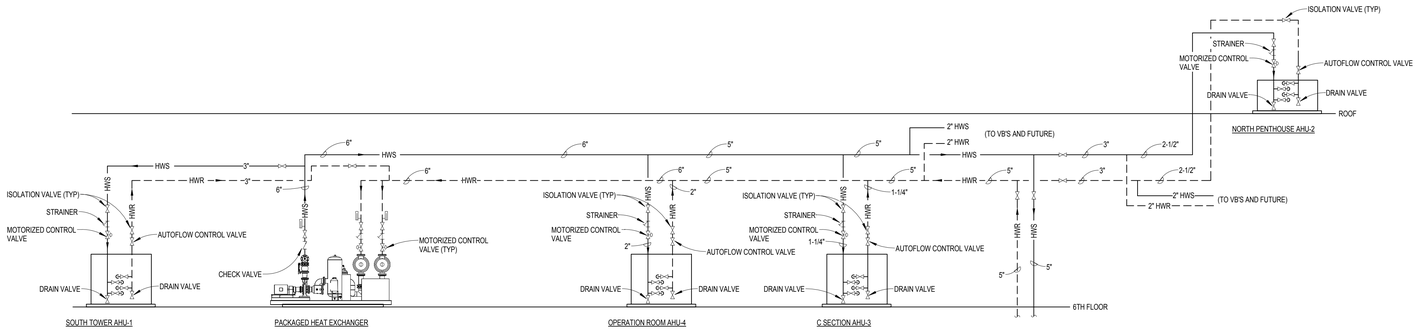

1 HEATING WATER PIPING SCHEMATIC

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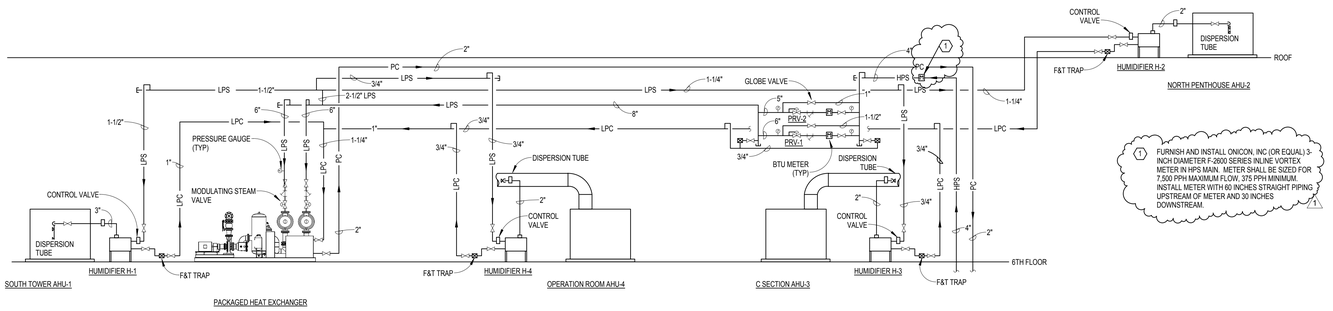
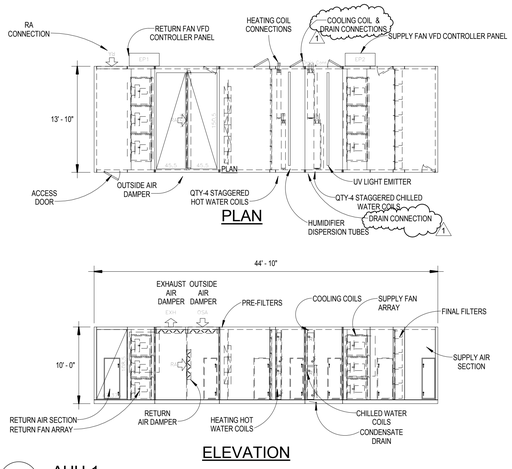


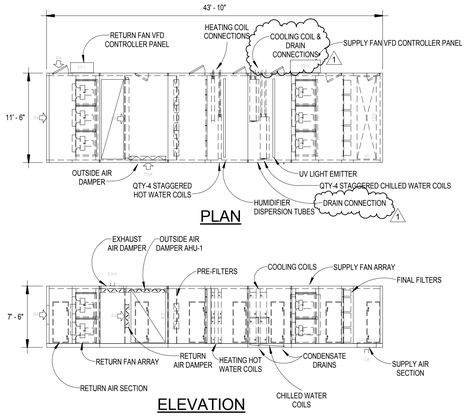
2 STEAM AND CONDENSATE PIPING SCHEMATIC

NONE



3 AHU-1

NONE



4 AHU-2

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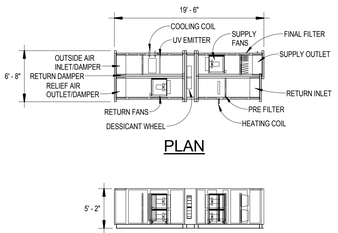

5 AHU-3

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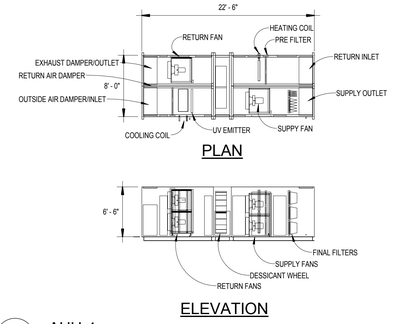

6 AHU-4

NONE

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PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

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1	2013-11-27	Addendum #1

PROJECT NUMBER	0000000000197729
ORIGINAL ISSUE	11/05/2013
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PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

PROFESSIONAL MECHANICAL ENGINEER — ERIC M. SWENSON — 11122 — 11/05/2013 — STATE OF NEBRASKA

MECHANICAL DETAILS

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SES PROJECT # 12140

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M-604

CONSTRUCTION DOCUMENTS

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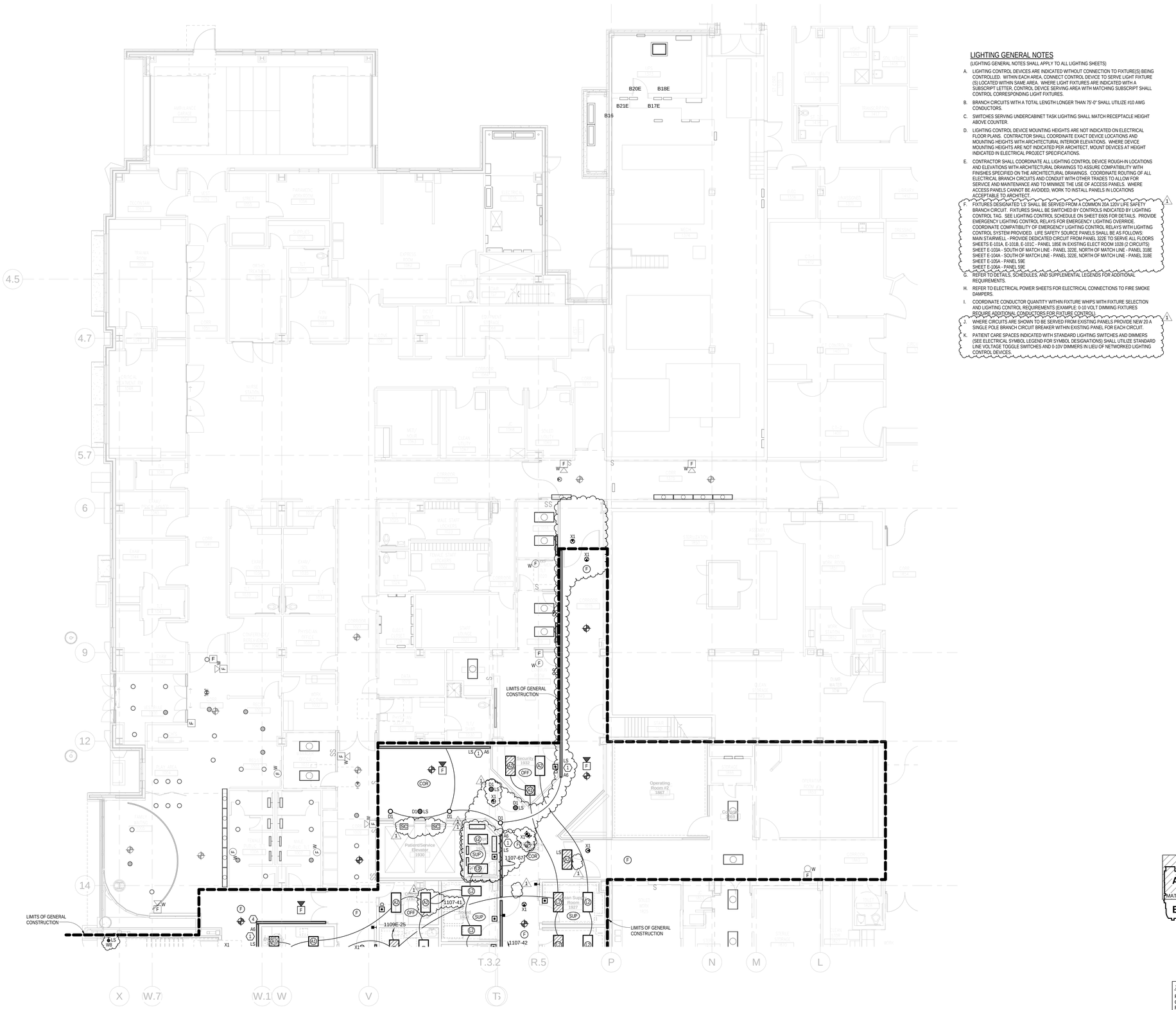

LIGHTING GENERAL NOTES

(LIGHTING GENERAL NOTES SHALL APPLY TO ALL LIGHTING SHEETS)

A. LIGHTING CONTROL DEVICES ARE INDICATED WITHOUT CONNECTION TO FIXTURE(S) BEING CONTROLLED. WITHIN EACH AREA, CONNECT CONTROL DEVICE TO SERVE LIGHT FIXTURE (S) LOCATED WITHIN SAME AREA. WHERE LIGHT FIXTURES ARE INDICATED WITH A SUBSCRIPT LETTER, CONTROL DEVICE SERVING AREA WITH MATCHING SUBSCRIPT SHALL CONTROL CORRESPONDING LIGHT FIXTURES.

B. BRANCH CIRCUITS WITH A TOTAL LENGTH LONGER THAN 75'-0" SHALL UTILIZE #10 AWG CONDUCTORS.

C. SWITCHES SERVING UNDERCABINET TASK LIGHTING SHALL MATCH RECEPTACLE HEIGHT ABOVE COUNTER.

D. LIGHTING CONTROL DEVICE MOUNTING HEIGHTS ARE NOT INDICATED ON ELECTRICAL FLOOR PLANS. CONTRACTOR SHALL COORDINATE EXACT DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL INTERIOR ELEVATIONS. WHERE DEVICE MOUNTING HEIGHTS ARE NOT INDICATED PER ARCHITECT, MOUNT DEVICES AT HEIGHT INDICATED IN ELECTRICAL PROJECT SPECIFICATIONS.

E. CONTRACTOR SHALL COORDINATE ALL LIGHTING CONTROL DEVICE ROUGH-IN LOCATIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS TO ASSURE COMPATIBILITY WITH FINISHES SPECIFIED ON THE ARCHITECTURAL DRAWINGS. COORDINATE ROUTING OF ALL ELECTRICAL BRANCH CIRCUITS AND CONDUIT WITH OTHER TRADES TO ALLOW FOR SERVICE AND MAINTENANCE AND TO MINIMIZE THE USE OF ACCESS PANELS. WHERE ACCESS PANELS CANNOT BE AVOIDED, WORK TO INSTALL PANELS IN LOCATIONS ACCEPTABLE TO ARCHITECT.

F. FIXTURES DESIGNATED 'LS' SHALL BE SERVED FROM A COMMON 20A 120V LIFE SAFETY BRANCH CIRCUIT. FIXTURES SHALL BE SWITCHED BY CONTROLS INDICATED BY LIGHTING CONTROL TAG. SEE LIGHTING CONTROL SCHEDULE ON SHEET E605 FOR DETAILS. PROVIDE EMERGENCY LIGHTING CONTROL RELAYS FOR EMERGENCY LIGHTING OVERRIDE. COORDINATE COMPATIBILITY OF EMERGENCY LIGHTING CONTROL RELAYS WITH LIGHTING CONTROL SYSTEM PROVIDED. LIFE SAFETY SOURCE PANELS SHALL BE AS FOLLOWS: MAIN STAIRWELL - PROVIDE DEDICATED CIRCUIT FROM PANEL 322E TO SERVE ALL FLOORS SHEETS E-101A, E-101B, E-101C - PANEL 185E IN EXISTING ELECT ROOM 1028 (2 CIRCUITS) SHEET E-103A - SOUTH OF MATCH LINE - PANEL 322E, NORTH OF MATCH LINE - PANEL 318E SHEET E-104A - SOUTH OF MATCH LINE - PANEL 322E, NORTH OF MATCH LINE - PANEL 318E SHEET E-105A - PANEL 59E SHEET E-106A - PANEL 59E

G. REFER TO DETAILS, SCHEDULES, AND SUPPLEMENTAL LEGENDS FOR ADDITIONAL REQUIREMENTS.

H. REFER TO ELECTRICAL POWER SHEETS FOR ELECTRICAL CONNECTIONS TO FIRE SMOKE DAMPERS.

I. COORDINATE CONDUCTOR QUANTITY WITHIN FIXTURE WHIPS WITH FIXTURE SELECTION AND LIGHTING CONTROL REQUIREMENTS (EXAMPLE: 0-10 VOLT DIMMING FIXTURES REQUIRE ADDITIONAL CONDUCTORS FOR FIXTURE CONTROL)

J. WHERE CIRCUITS ARE SHOWN TO BE SERVED FROM EXISTING PANELS PROVIDE NEW 20 A SINGLE POLE BRANCH CIRCUIT BREAKER WITHIN EXISTING PANEL FOR EACH CIRCUIT.

K. PATIENT CARE SPACES INDICATED WITH STANDARD LIGHTING SWITCHES AND DIMMERS (SEE ELECTRICAL SYMBOL LEGEND FOR SYMBOL DESIGNATIONS) SHALL UTILIZE STANDARD LINE VOLTAGE TOGGLE SWITCHES AND 0-10V DIMMERS IN LIEU OF NETWORKED LIGHTING CONTROL DEVICES.

1 FIRST FLOOR PLAN - AREA A - LIGHTING
1/8" = 1'-0"

INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.

INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER

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BID PACKAGE #3

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MECHANICAL ENGINEER	Todd Kubicek
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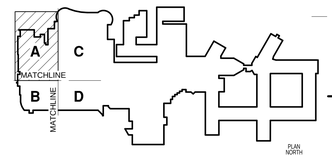
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

KRISTOPHER J. BURNHAM
E-11804
11/05/2013
REGISTERED PROFESSIONAL ELECTRICAL ENGINEER
STATE OF NEBRASKA

KEY PLAN



PLAN NORTH

FIRST FLOOR PLAN - AREA A - LIGHTING

SCALE 1/8" = 1'-0"

E-101A

CONSTRUCTION DOCUMENTS

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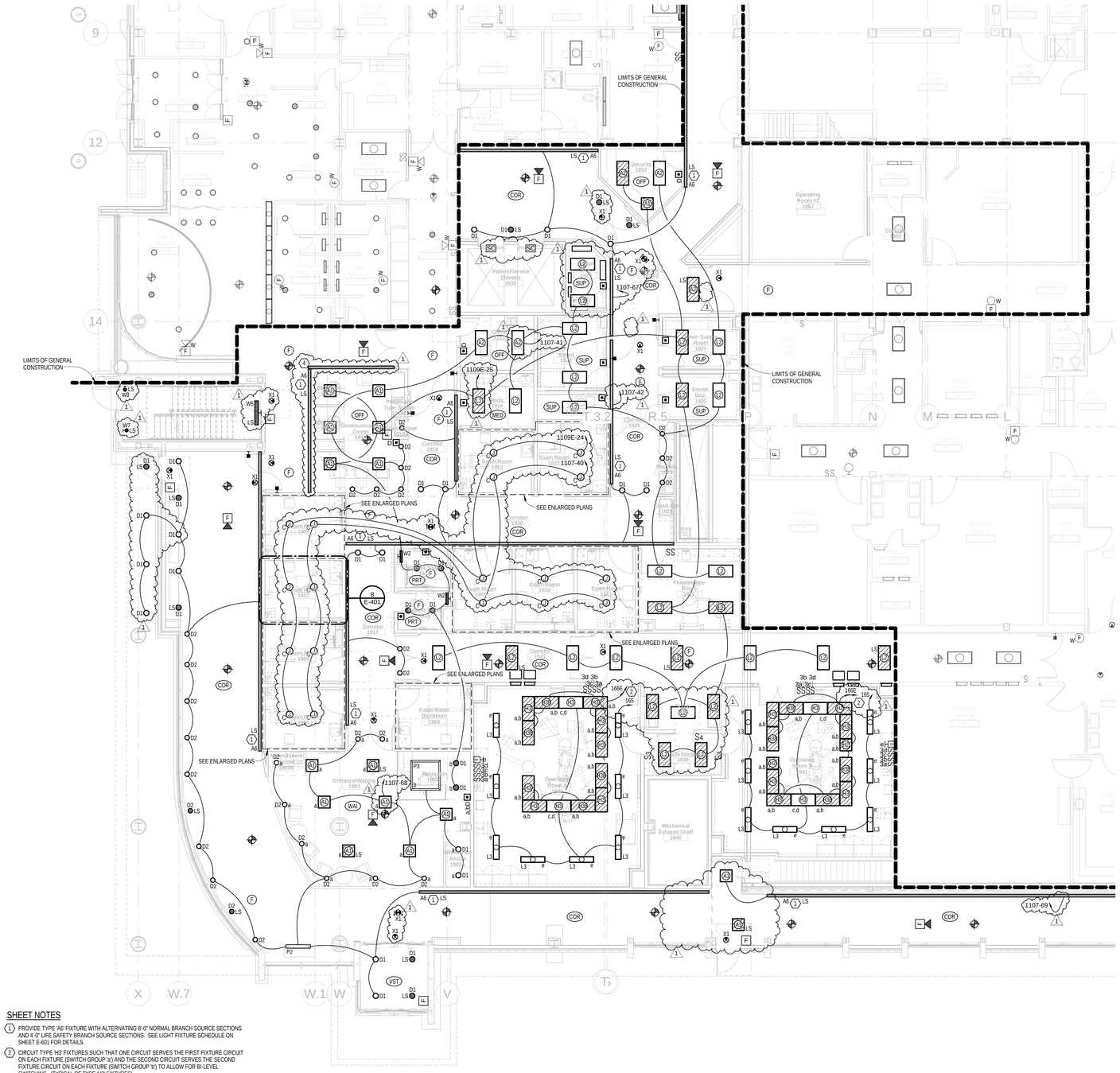
LIMITS OF GENERAL CONSTRUCTION
LIMITS OF GENERAL CONSTRUCTION
LIMITS OF GENERAL CONSTRUCTION
SEE ENLARGED PLANS
SEE ENLARGED PLANS
SEE ENLARGED PLANS
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SEE ENLARGED PLANS
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1107-41
1109E-25
1107-42
1109E-24
1107-40
1107-68
1107-69
E-401
3d 3b
3b 3d
Operating Room #1 1941
Operating Room #2 1867
Mechanical Exhaust Shaft 1940
Mechanical Exhaust Shaft 1936
Equipment Storage 1902
Main Supply Room 1907
Fluoroscopy Room 1922
Exam Room (Isolation) 1904
Entrance/Waiting 1908
Corridor 1917
Corridor 1920
Corridor 1921
Corridor 1927
Corridor 1931
Corridor 1937
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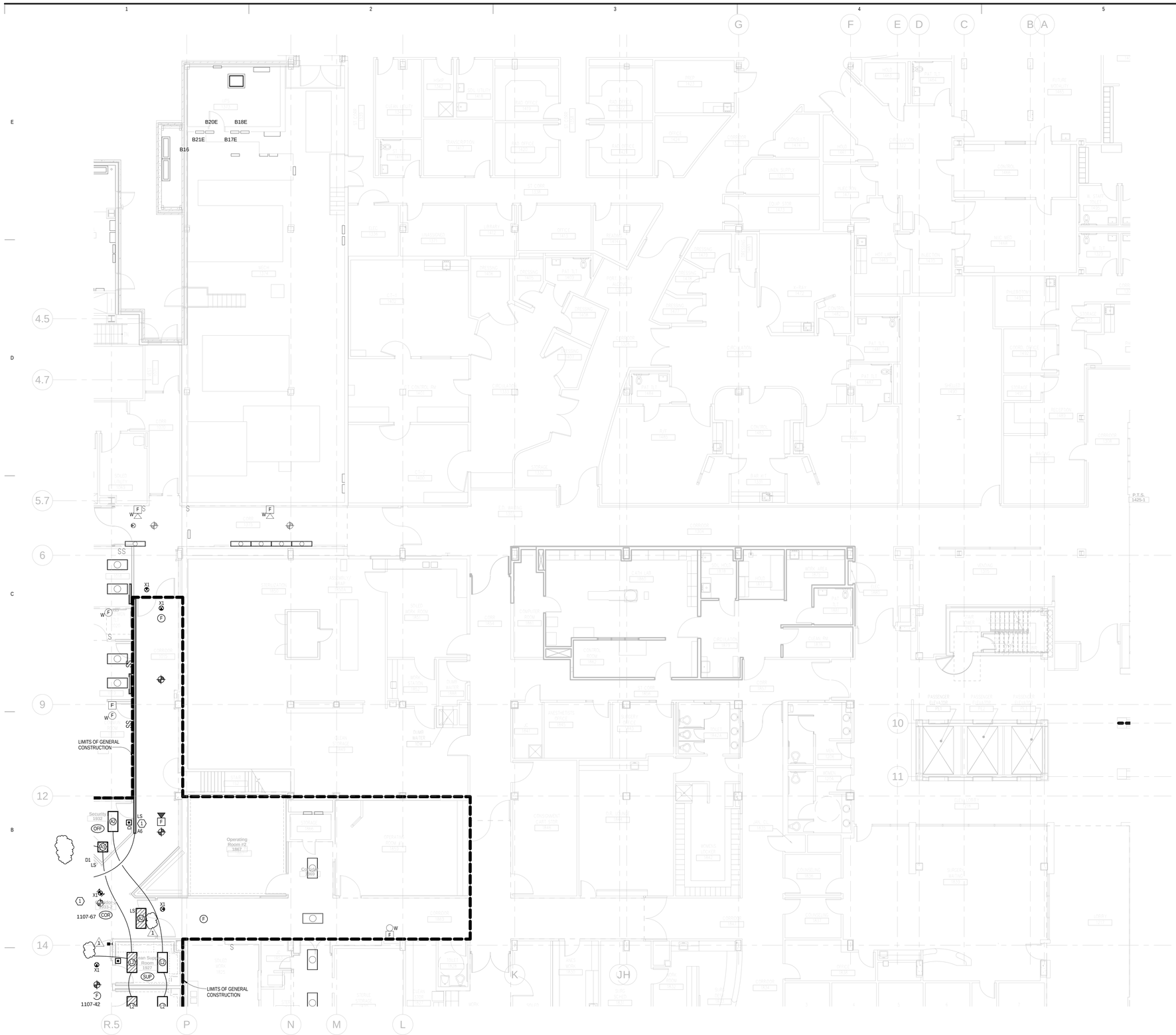
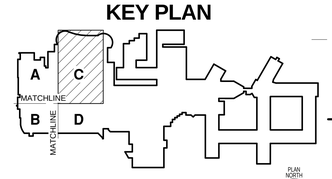
Corridor 1956
Corridor 1957
Corridor 1958
Corridor 1959
Corridor 1960
Corridor



1 FIRST FLOOR PLAN - AREA C - LIGHTING
1/8" = 1'-0"

KEY PLAN



INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.

INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER

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10360 Ellison Circle
Omaha, NE 68134
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8404 Indian Hills Drive | Omaha, NE 68114 | 402.399.1100

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Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

CONSTRUCTION DOCUMENTS

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	0000000000197729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabfoudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

REGISTERED ELECTRICAL ENGINEER
CHRISTOPHER K. BURNHAM
E - 11862
11/05/2013
STATE OF NEBRASKA

FIRST FLOOR PLAN - AREA C - LIGHTING

SCALE 1/8" = 1'-0"

E-101C

CONSTRUCTION DOCUMENTS

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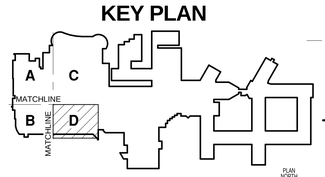
SHEET NOTES

1. BASE BID - CANOPY LIGHTING SHALL BE EXISTING TO REMAIN.
   ALTERNATE 1A - PROVIDE NEW LIGHTING SHOWN WITHIN NEW CANOPY. CONTROL CANOPY LIGHTING WITH EXTERIOR BUILDING MOUNT LIGHTING.
   ALTERNATE 1B - PROVIDE 120V CONNECTION FOR SIGN AND DECORATIVE PANEL LIGHTING BY 3 FORM. TWO LOCATIONS TOTAL, ONE AT CANOPY EDGE AND ONE ON WALL ABOVE.
2. NO WORK IN THIS AREA - PROVIDED UNDER PREVIOUS PROJECT.

1 FIRST FLOOR PLAN - AREA D - LIGHTING

1/8" = 1'-0"

KEY PLAN



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www.specializedeng.com

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HDR ARCHITECTURE INC.

8404 Indian Hills Drive | Omaha, NE 68114 | 402.399.1100

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MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

PROFESSIONAL ELECTRICAL ENGINEER
KRISTOPHER W. BURNHAM
E-11804
11/05/2013
STATE OF NEBRASKA

FIRST FLOOR PLAN - AREA D - LIGHTING

SCALE 1/8" = 1'-0"

E-101D

CONSTRUCTION DOCUMENTS

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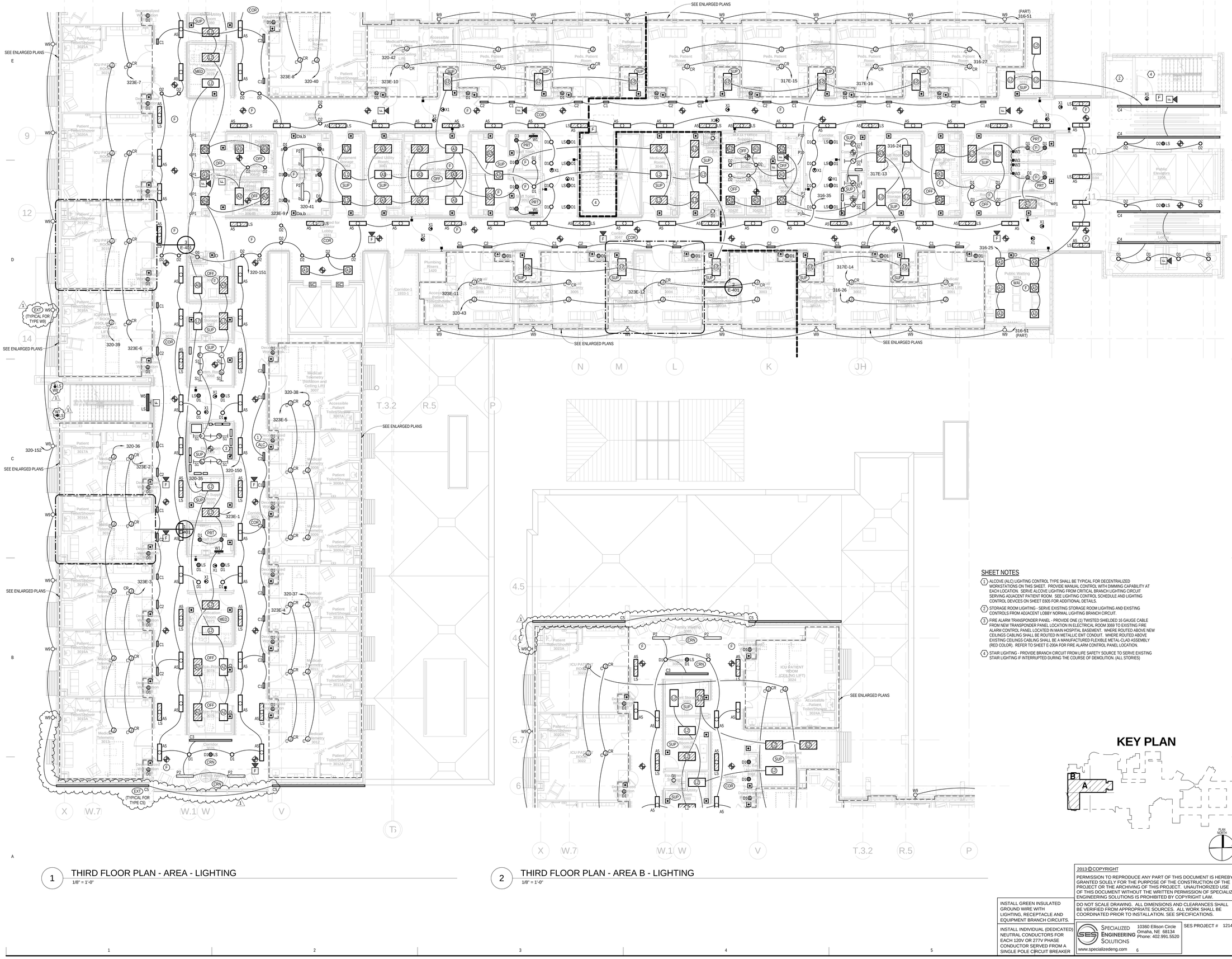

1 THIRD FLOOR PLAN - AREA - LIGHTING
1/8" = 1'-0"

2 THIRD FLOOR PLAN - AREA B - LIGHTING
1/8" = 1'-0"

SHEET NOTES

1. ALCOVE (ALC) LIGHTING CONTROL TYPE SHALL BE TYPICAL FOR DECENTRALIZED WORKSTATIONS ON THIS SHEET. PROVIDE MANUAL CONTROL WITH DIMMING CAPABILITY AT EACH LOCATION. SERVE ALCOVE LIGHTING FROM CRITICAL BRANCH LIGHTING CIRCUIT SERVING ADJACENT PATIENT ROOM. SEE LIGHTING CONTROL SCHEDULE AND LIGHTING CONTROL DEVICES ON SHEET E605 FOR ADDITIONAL DETAILS.
2. STORAGE ROOM LIGHTING - SERVE EXISTING STORAGE ROOM LIGHTING AND EXISTING CONTROLS FROM ADJACENT LOBBY NORMAL LIGHTING BRANCH CIRCUIT.
3. FIRE ALARM TRANSPONDER PANEL - PROVIDE ONE (1) TWISTED SHIELDED 16 GAUGE CABLE FROM NEW TRANSPONDER PANEL LOCATION IN ELECTRICAL ROOM 3069 TO EXISTING FIRE ALARM CONTROL PANEL LOCATED IN MAIN HOSPITAL BASEMENT. WHERE ROUTED ABOVE NEW CEILINGS CABLING SHALL BE ROUTED IN METALLIC EMT CONDUIT. WHERE ROUTED ABOVE EXISTING CEILINGS CABLING SHALL BE A MANUFACTURED FLEXIBLE METAL-CLAD ASSEMBLY (RED COLOR). REFER TO SHEET E-200A FOR FIRE ALARM CONTROL PANEL LOCATION.
4. STAIR LIGHTING - PROVIDE BRANCH CIRCUIT FROM LIFE SAFETY SOURCE TO SERVE EXISTING STAIR LIGHTING IF INTERRUPTED DURING THE COURSE OF DEMOLITION. (ALL STORIES)

KEY PLAN

HDR
HDR ARCHITECTURE INC.
8404 Indian Hills Drive | Omaha, NE 68114 | 402.399.1100

SES SPECIALIZED ENGINEERING SOLUTIONS
10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
www.specializedeng.com

Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

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INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

PROFESSIONAL ELECTRICAL ENGINEER
CHRISTOPHER J. BURNHAM
E-11824
11/05/2013
STATE OF NEBRASKA

THIRD FLOOR PLAN - LIGHTING

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Omaha, NE 68134
Phone: 402.991.5520
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SES PROJECT # 12140

SCALE 1/8" = 1'-0"

E-103

CONSTRUCTION DOCUMENTS

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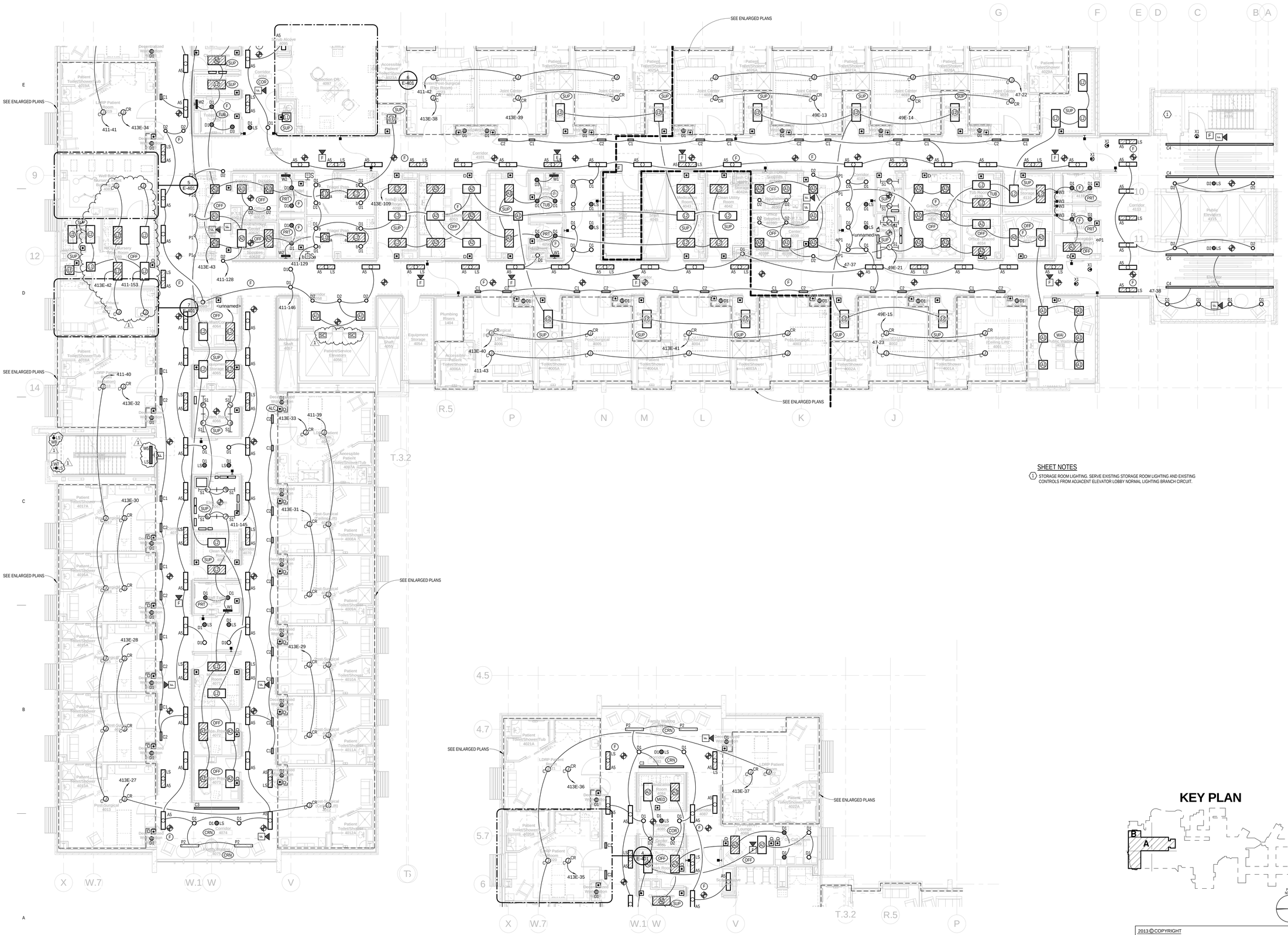
SEE ENLARGED PLANS
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411-41
413E-34
411-42
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411-145
413E-31
413E-28
413E-29
413E-27
413E-36
413E-37
413E-35
Patient Toilet/Shower/Tub 4019A
LDRP Patient Room 4020
Patient Toilet/Shower 4016A
Patient Toilet/Shower 4017A
Patient Toilet/Shower 4018A
Patient Toilet/Shower 4021A
Patient Toilet/Shower 4022A
Patient Toilet/Shower 4023A
Patient Toilet/Shower 4024A
Patient Toilet/Shower 4025A
Patient Toilet/Shower 4026A
Patient Toilet/Shower 4027A
Patient Toilet/Shower 4028A
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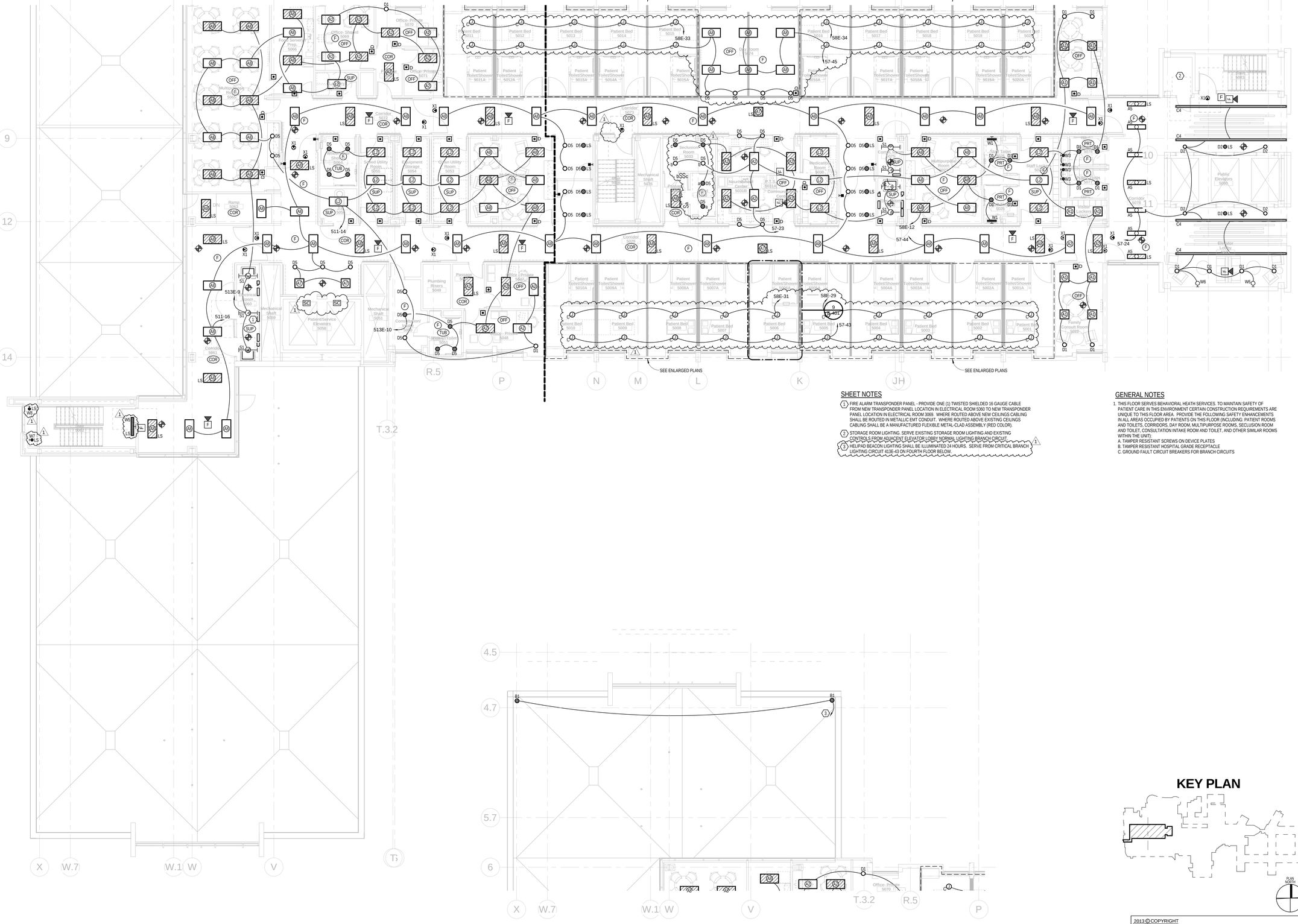
Patient Toilet/Shower



SHEET NOTES

1. FIRE ALARM TRANSPONDER PANEL - PROVIDE ONE (1) TWISTED SHIELDED 16 GAUGE CABLE FROM NEW TRANSPONDER PANEL LOCATION IN ELECTRICAL ROOM 5060 TO NEW TRANSPONDER PANEL LOCATION IN ELECTRICAL ROOM 3069. WHERE ROUTED ABOVE NEW CEILINGS CABLING SHALL BE ROUTED IN METALLIC EMT CONDUIT. WHERE ROUTED ABOVE EXISTING CEILINGS CABLING SHALL BE A MANUFACTURED FLEXIBLE METAL-CLAD ASSEMBLY (RED COLOR).
2. STORAGE ROOM LIGHTING. SERVE EXISTING STORAGE ROOM LIGHTING AND EXISTING CONTROLS FROM ADJACENT ELEVATOR LOBBY NORMAL LIGHTING BRANCH CIRCUIT.
3. HELIPAD BEACON LIGHTING SHALL BE ILLUMINATED 24 HOURS. SERVE FROM CRITICAL BRANCH LIGHTING CIRCUIT 413E-43 ON FOURTH FLOOR BELOW.

GENERAL NOTES

1. THIS FLOOR SERVES BEHAVIORAL HEATH SERVICES. TO MAINTAIN SAFETY OF PATIENT CARE IN THIS ENVIRONMENT CERTAIN CONSTRUCTION REQUIREMENTS ARE UNIQUE TO THIS FLOOR AREA. PROVIDE THE FOLLOWING SAFETY ENHANCEMENTS IN ALL AREAS OCCUPIED BY PATIENTS ON THIS FLOOR (INCLUDING: PATIENT ROOMS AND TOILETS, CORRIDORS, DAY ROOM, MULTIPURPOSE ROOMS, SECLUSION ROOM AND TOILET, CONSULTATION INTAKE ROOM AND TOILET, AND OTHER SIMILAR ROOMS WITHIN THE UNIT):
   A. TAMPER RESISTANT SCREWS ON DEVICE PLATES
   B. TAMPER RESISTANT HOSPITAL GRADE RECEPTACLE
   C. GROUND FAULT CIRCUIT BREAKERS FOR BRANCH CIRCUITS

1 FIFTH FLOOR PLAN - AREA A - LIGHTING
1/8" = 1'-0"

2 FIFTH FLOOR PLAN - AREA B - LIGHTING
1/8" = 1'-0"

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10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
www.specializedeng.com

SES PROJECT # 12140

HDR
HDR ARCHITECTURE INC.
8404 Indian Hills Drive | Omaha, NE 68114 | 402.399.1100

SPECIALIZED ENGINEERING SOLUTIONS
10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
www.specializedeng.com

Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

CONSTRUCTION DOCUMENTS

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	00000000197729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

PROFESSIONAL ELECTRICAL ENGINEER
KRISTOPHER J. BURNHAM
E-11854
11/05/2013
STATE OF NEBRASKA

KEY PLAN

FIFTH FLOOR PLAN - LIGHTING

SCALE 1/8" = 1'-0"

E-105

CONSTRUCTION DOCUMENTS

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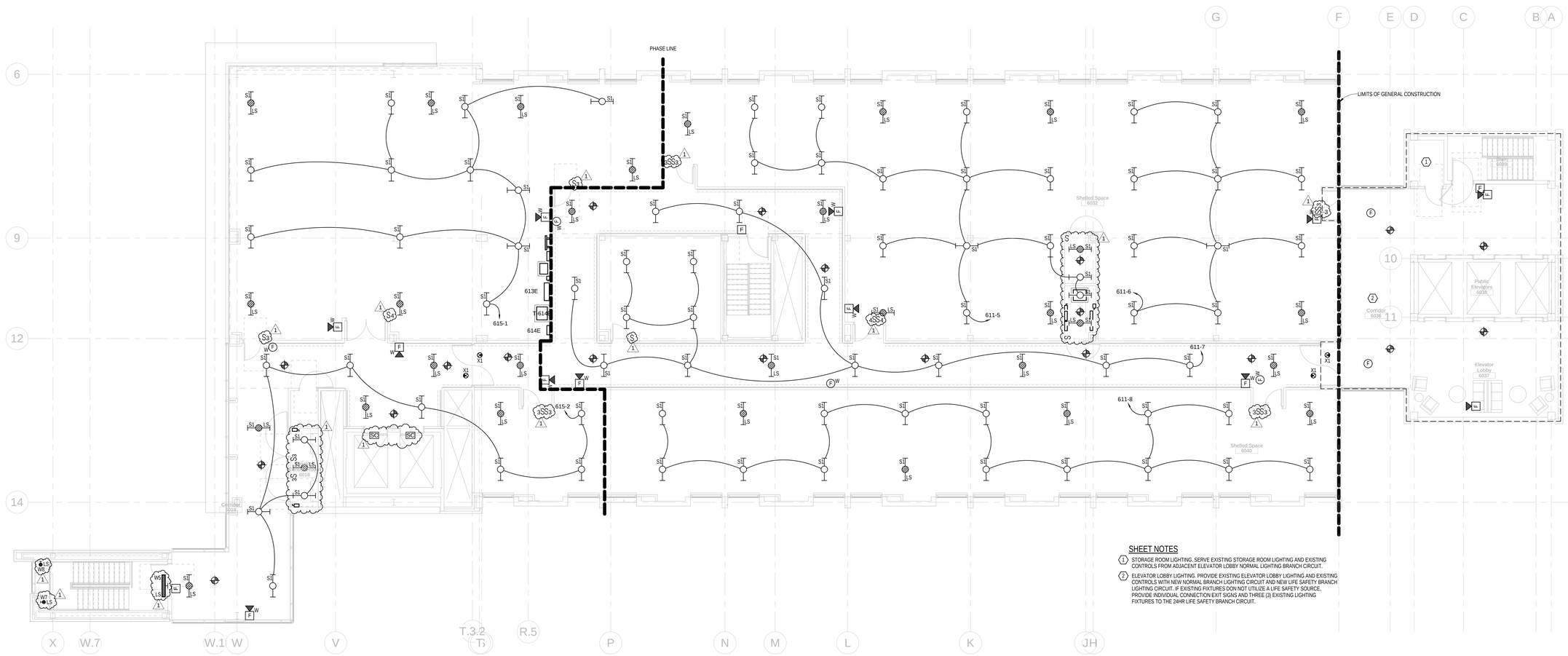


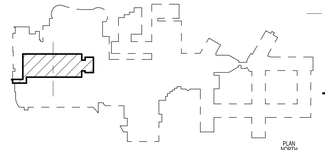
SHEET NOTES

1. STORAGE ROOM LIGHTING. SERVE EXISTING STORAGE ROOM LIGHTING AND EXISTING CONTROLS FROM ADJACENT ELEVATOR LOBBY NORMAL LIGHTING BRANCH CIRCUIT.
2. ELEVATOR LOBBY LIGHTING. PROVIDE EXISTING ELEVATOR LOBBY LIGHTING AND EXISTING CONTROLS WITH NEW NORMAL BRANCH LIGHTING CIRCUIT AND NEW LIFE SAFETY BRANCH LIGHTING CIRCUIT. IF EXISTING FIXTURES DON NOT UTILIZE A LIFE SAFETY SOURCE, PROVIDE INDIVIDUAL CONNECTION EXIT SIGNS AND THREE (3) EXISTING LIGHTING FIXTURES TO THE 24HR LIFE SAFETY BRANCH CIRCUIT.

1 SIXTH FLOOR PLAN - LIGHTING

1/8" = 1'-0"

KEY PLAN



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EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

SIXTH FLOOR PLAN - LIGHTING

SCALE 1/8" = 1'-0"

E-106

CONSTRUCTION DOCUMENTS

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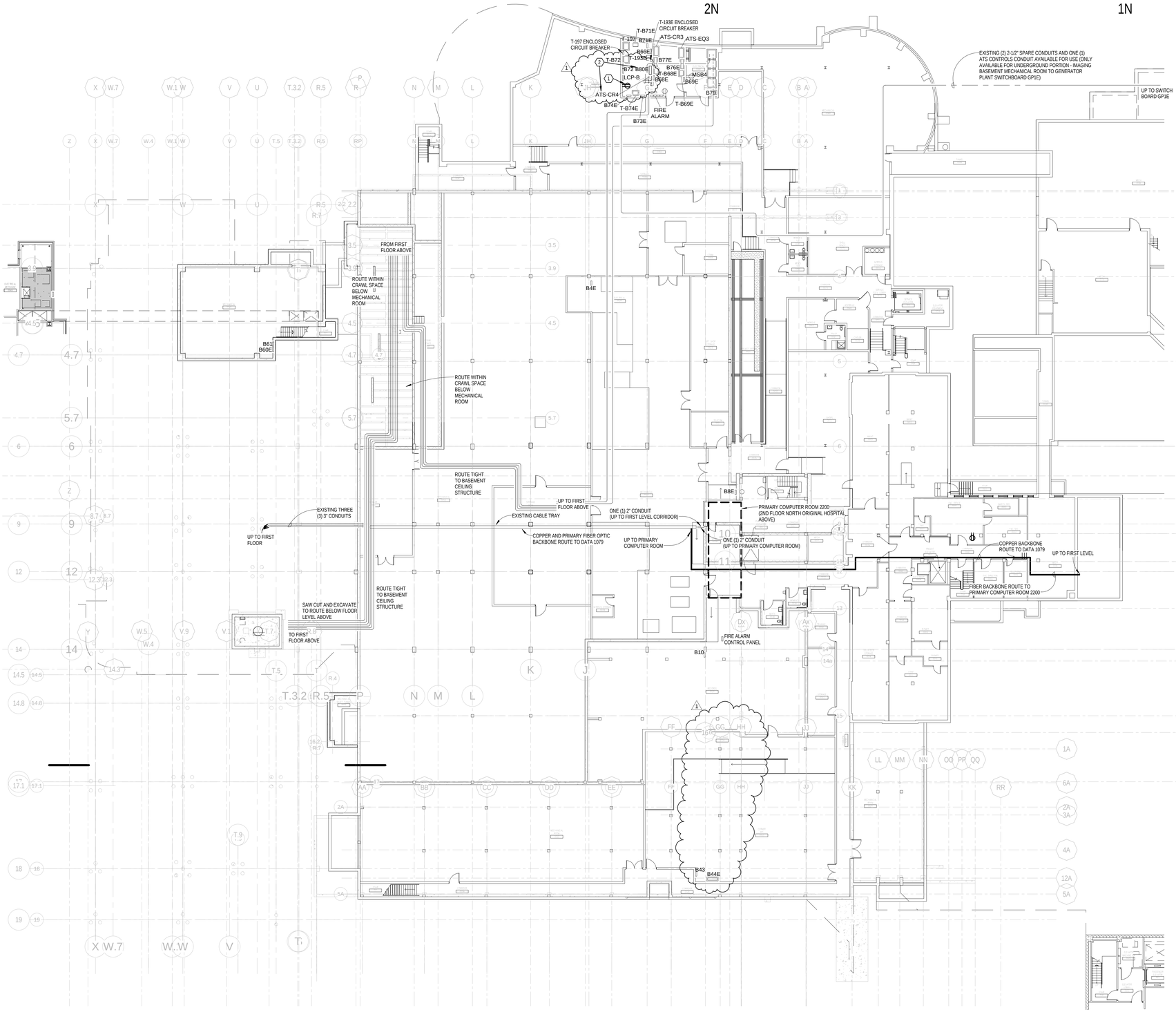

SHEET NOTES

1. PROVIDE NEW RECEPTACLE AND RELOCATE PUBLIC ADDRESS AMPLIFIER CABINET. CONNECT NEW RECEPTACLE TO EXISTING RECEPTACLE CIRCUIT.
2. PROVIDE PANEL B80E AND ATS-CR4 AS SHOWN. ALL OTHER PANELS ILLUSTRATED ON THIS SHEET ARE EXISTING.

POWER GENERAL NOTES

(POWER GENERAL NOTES SHALL APPLY TO ALL SHEETS)

A. ELECTRICAL DEVICE MOUNTING HEIGHTS ARE NOT INDICATED ON ELECTRICAL FLOOR PLANS. CONTRACTOR SHALL COORDINATE EXACT DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL INTERIOR ELEVATIONS. WHERE DEVICE MOUNTING HEIGHTS ARE NOT INDICATED PER ARCHITECT, MOUNT DEVICES AT HEIGHT INDICATED IN ELECTRICAL PROJECT SPECIFICATIONS.

B. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL DEVICE ROUGH-IN LOCATIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS TO ASSURE COMPATIBILITY WITH FINISHES SPECIFIED ON THE ARCHITECTURAL DRAWINGS. ROUTE ALL ELECTRICAL BRANCH CIRCUITS AND CONDUITS SPECIFIED, TO COORDINATE WITH OTHER TRADES AND TO ALLOW FOR SERVICE AND MAINTENANCE AND TO MINIMIZE THE USE OF ACCESS PANELS. WHERE ACCESS PANELS CANNOT BE AVOIDED, ARRANGE WORK TO INSTALL PANELS IN LOCATIONS ACCEPTABLE TO ARCHITECT.

C. BRANCH CIRCUIT WITH A TOTAL LENGTH LONGER THAN 75'-0" SHALL UTILIZE #10 AWG CONDUCTORS.

D. PROVIDE PATHWAY FROM ALL ROOMS CONTAINING VOICE/DATA, CATV, OR NURSE CALL CABLING. PROVIDE ONE (1) 1 1/2"C. STUBBED FROM ABOVE FINISHED CEILING IN ROOM TO ABOVE FINISHED CEILING IN CORRIDOR. PROVIDE ONE (1) 1 1/2"C. FOR EACH 10 VOICE/DATA CABLES IN EACH ROOM.

E. REFER TO DETAILS, SCHEDULES, AND SUPPLEMENTAL LEGENDS FOR ADDITIONAL REQUIREMENTS.

F. STAFF TIME CLOCKS: PROVIDE WALL BOX DATA CABLE/CONNECTION FROM COMMUNICATIONS ROOM AND HARDWIRED 120V CONNECTION FROM NEAREST RECEPTACLE CIRCUIT FOR FIVE (5) STAFF TIME CLOCK LOCATIONS. STAFF TIME CLOCK FURNISHED BY OWNER. COORDINATE EXACT LOCATIONS.

G. LOW VOLTAGE SYSTEM CABLE COLOR CODE (THE FOLLOWING CABLE JACKET COLORS SHALL BE UTILIZED WHERE CABLES ARE ROUTED EXPOSED ABOVE ACCESSIBLE CEILINGS)
YELLOW - DATA AND VOIP PHONE
INCLUDES: IP SURVEILLANCE CAMERAS, WIRELESS DATA NETWORK ANTENNAS,
WIRELESS REFRIGERATOR MONITORING ANTENNAS, AND DATA NETWORK
CONNECTIONS TO OTHER SYSTEMS
BLUE - ANALOG PHONE AND DIGITAL PHONE
GREEN - LIGHTING CONTROL
GRAY - TEMPERATURE CONTROLS
PURPLE - ACCESS CONTROL
PINK - INFANT SECURITY AND WANDER PREVENTION
ORANGE - TELEMETRY
WHITE - NURSE CALL
BLACK - PUBLIC ADDRESS

H. ANY CONDUIT ROUTES SHOWN ARE DIAGRAMMATIC ONLY, AND HAVE BEEN ILLUSTRATED TO INDICATED THE PREFERRED ROUTE FOR MAJOR FEEDERS. COORDINATE EXACT ROUTE WITH FIELD CONDITIONS. AVAILABLE MAJOR CONDUIT ROUTING SPACE IS CONGESTED. SOME CONDUIT TRANSITIONS MAY REQUIRE SPECIAL FITTINGS OR CUSTOM FABRICATED BOXES. RELOCATE/RECONFIGURE SMALL CONDUIT AND PIPES AS REQUIRED TO ACCOMMODATE CONDUIT INSTALLATION. REVIEW CONDUIT ROUTING PRIOR TO BID. SUBMIT PROPOSED ACTUAL ROUTING FOR REVIEW BY OWNER AND ENGINEER PRIOR TO INSTALLATION.

I. CONSIDERING MULTIPLE EXISTING BUILDING ADDITIONS ARE PRESENT WITHIN THE PROJECT AREA SOME ORIGINAL BUILDING EXTERIOR WALLS WILL BE ENCOUNTERED WITHIN THE INTERIOR SPACE. CORE DRILLING OF THESE WALLS WILL BE REQUIRED.

J. BASEMENT AND FIRST FLOOR PANELBOARDS SHOWN OUTSIDE THE LIMITS OF GENERAL CONSTRUCTION ARE EXISTING UNLESS NOTED OTHERWISE.

K. WHERE CIRCUITS ARE SHOWN TO BE SERVED FROM EXISTING PANELS PROVIDE NEW 20 A SINGLE POLE BRANCH CIRCUIT BREAKER WITHIN EXISTING PANEL FOR EACH CIRCUIT.

INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.

INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER

1 BASEMENT LEVEL POWER
1/16" = 1'-0"

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www.specializedeng.com

Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

CONSTRUCTION DOCUMENTS

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	0000000000197729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

KRISTOPHER J. BURNHAM, E-1 11/05/2013 STATE OF NEBRASKA PROFESSIONAL ELECTRICAL ENGINEER

BASEMENT LEVEL - POWER PLAN

SCALE	As indicated

E-200

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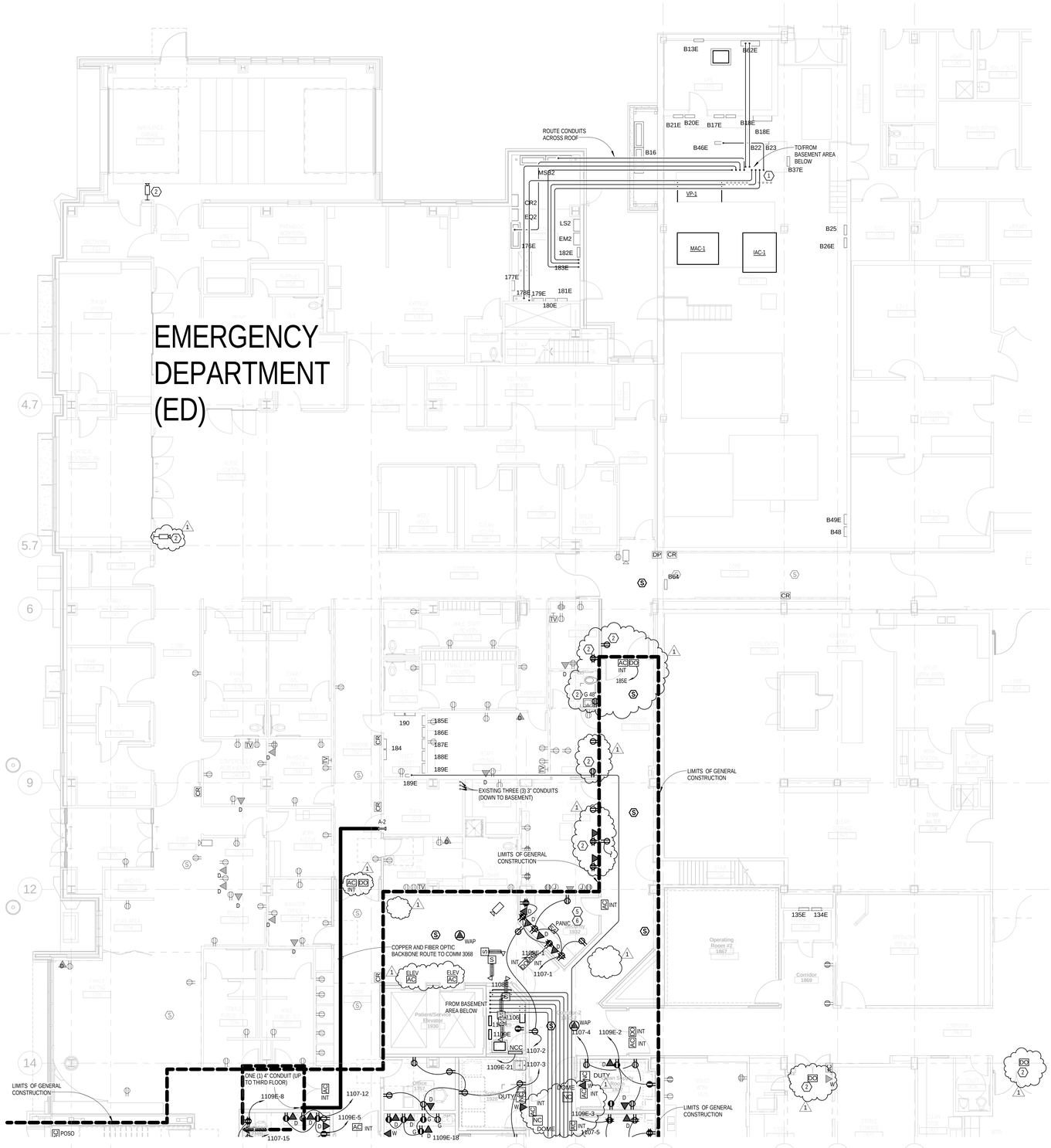

GENERAL NOTES

1. CIRCUIT DOOR OPENERS TO LIFE SAFETY PANEL 185E. PROVIDE ONE CIRCUIT FOR THE BUILDING SHELL DOOR OPENERS AND ONE CIRCUIT FOR THE BUILDING INTERIOR DOOR OPENERS. PROVIDE 20A/1P CIRCUIT BREAKERS IN PANEL AS REQUIRED.
2. CIRCUIT ACCESS CONTROL POWER SUPPLIES TO EQUIPMENT PANEL 186E. PROVIDE ONE CIRCUIT FOR BUILDING SHELL DOORS AND ONE CIRCUIT FOR BUILDING INTERIOR DOORS. PROVIDE 20A/1P CIRCUIT BREAKERS IN PANEL AS REQUIRED.

SHEET NOTES

1. UTILIZE AREA MADE AVAILABLE FROM DEMOLITION OF PANEL B24 AND ADJACENT PULL BOX FOR VERTICAL CONDUIT TRANSITION TO CRAWL SPACE BELOW.
2. PROVIDE NEW DEVICE(S) SHOWN AT THIS LOCATION OUTSIDE OF THE LIMITS OF GENERAL CONSTRUCTION.

1 FIRST FLOOR PLAN - AREA A - POWER
1/8" = 1'-0"

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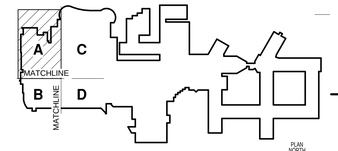
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

KEY PLAN



FIRST FLOOR PLAN - AREA A - POWER

SCALE 1/8" = 1'-0"

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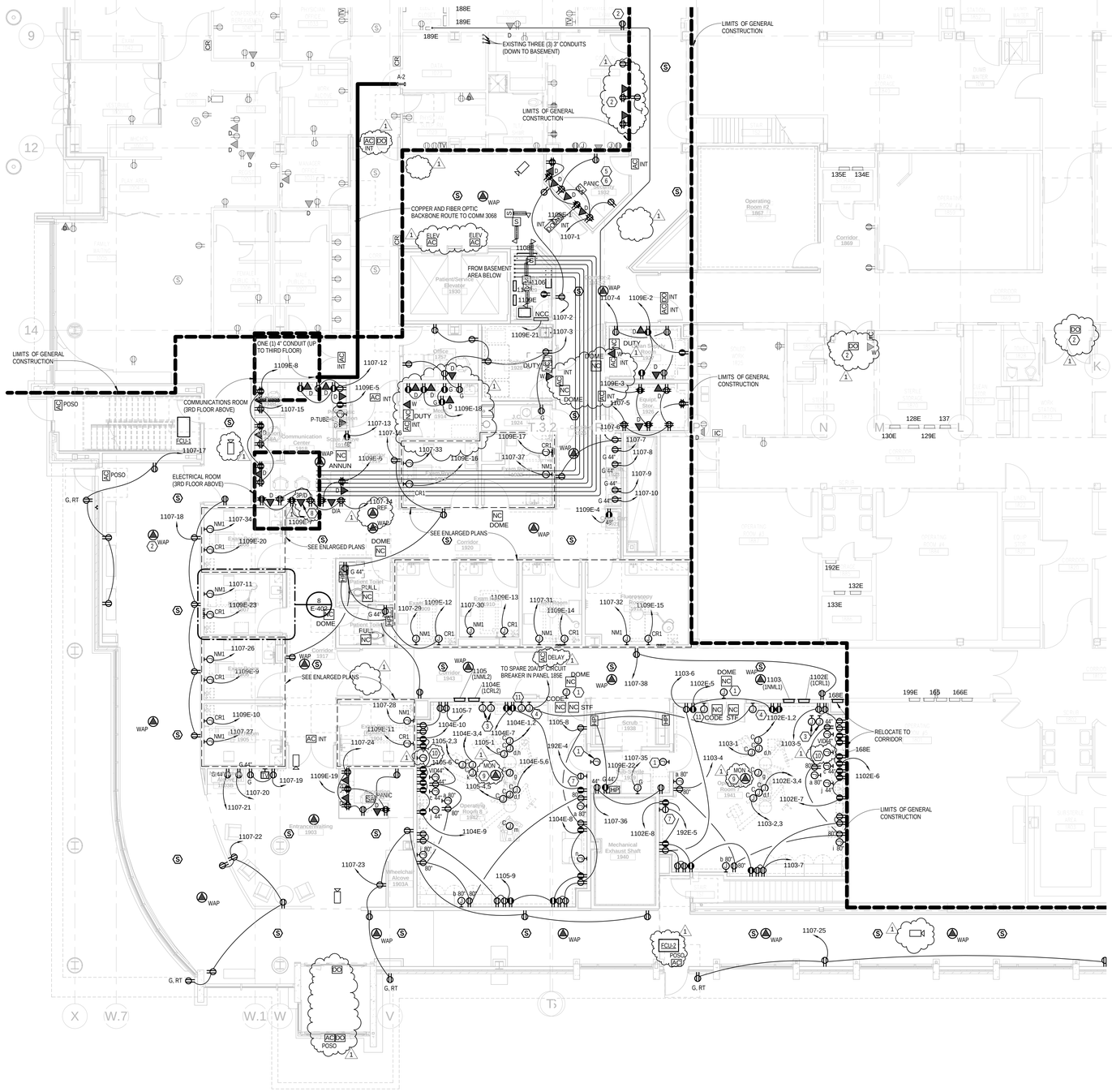

1 FIRST FLOOR PLAN - AREA B - POWER
1/8" = 1'-0"

GENERAL NOTES

1. CIRCUIT DOOR OPENERS TO LIFE SAFETY PANEL 185E. PROVIDE ONE CIRCUIT FOR THE BUILDING SHELL DOOR OPENERS AND ONE CIRCUIT FOR THE BUILDING INTERIOR DOOR OPENERS. PROVIDE 20A/1P CIRCUIT BREAKERS IN PANEL AS REQUIRED.
2. CIRCUIT ACCESS CONTROL POWER SUPPLIES TO EQUIPMENT PANEL 186E. PROVIDE ONE CIRCUIT FOR BUILDING SHELL DOORS AND ONE CIRCUIT FOR BUILDING INTERIOR DOORS. PROVIDE 20A/1P CIRCUIT BREAKERS IN PANEL AS REQUIRED.
3. PROVIDE TAMPER RESISTANT (HOSPITAL GRADE) RECEPTACLES IN THE FOLLOWING SPACES:
   WAITING
   EXAM
   FLUOROSCOPY

SHEET NOTES

1. LASER-IN-USE LIGHT. PHILIPS CHLORIDE MODEL AMS-120-DS-LASER IN USE-RFR. INTERLOCK LIGHT WITH THE CORRESPONDING ACCESSORIES PANEL RELAY. UPON OPENING OF THE SURGICAL LASER RECEPTACLE DOOR AND SWITCHING OF THE ISOLATED POWER CIRCUIT, THE LASER-IN-USE LIGHT SHALL ILLUMINATE.
2. SERVE NEW VOICE AND DATA OUTLETS ON FIRST LEVEL FROM EXISTING ROOM DATA 1079. PROVIDE ADDITIONAL PATCH PANELS AS NECESSARY TO ACCOMMODATE NEW CABLING. (TYPICAL OF ALL VOICE AND DATA OUTLETS ON SHEETS E-201A, E-201B, E-201C, E-201D, AND E-201E)
3. PROVIDE LINE ISOLATION MONITORS FOR ISOLATED POWER PANELS. COORDINATE ROUGH-IN REQUIREMENTS WITH EQUIPMENT.
4. PROVIDE POWER CONNECTION FOR MED GAS ALARM PANEL. COORDINATE MOUNTING HEIGHT WITH MECHANICAL.
5. HELIPAD LIGHT SWITCH. RELOCATE EXISTING SECURITY OFFICE HELIPAD LIGHT SWITCH TO THE ROOM. COORDINATE EXACT LOCATION WITHIN ROOM WITH OWNER. PROVIDE LABELING.
6. HELIPAD SPRINKLER TIMER. PROVIDE WATTSTOPPER MODEL TS-400 DIGITAL COUNTDOWN TIMER WALL DEVICE IN THIS ROOM FOR CONTROL OF HELIPAD SPRINKLER ZONE. HELIPAD IS NORMALLY OCCUPIED. HELIPAD SPRINKLER ZONE SHALL ACTIVATE UPON BUTTON PUSH ON THE COUNTDOWN TIMER. BUTTON WILL BE ACTIVATED BY SECURITY STAFF UPON DEPARTURE OF HELICOPTER. SERVE TIMER FROM NEAREST NORMAL BRANCH 120V RECEPTACLE CIRCUIT. PROVIDE ADDITIONAL RELAYS AS REQUIRED AS REQUIRED TO INTERCEPT AND CONTROL SPRINKLER ZONE AT THE ASSOCIATED INDIVIDUAL SPRINKLER ZONE CONTROL VOLTAGE. COORDINATE LOCATION OF SPRINKLER CONTROLLER TO INTERCEPT ZONE WIRING. LABEL SWITCH. SET INITIAL COUNTDOWN TIME TO 20 MINUTES. COORDINATE PROGRAMMED TIME WITH OWNER.
6. HELIPAD SPRINKLER TIMER. PROVIDE WATTSTOPPER MODEL TS-400 DIGITAL COUNTDOWN TIMER WALL DEVICE IN THIS ROOM FOR CONTROL OF HELIPAD SPRINKLER ZONE. HELIPAD IS NORMALLY OCCUPIED. HELIPAD SPRINKLER ZONE SHALL ACTIVATE UPON BUTTON PUSH ON THE COUNTDOWN TIMER. BUTTON WILL BE ACTIVATED BY SECURITY STAFF UPON DEPARTURE OF HELICOPTER. SERVE TIMER FROM NEAREST NORMAL BRANCH 120V RECEPTACLE CIRCUIT. PROVIDE ADDITIONAL RELAYS AS REQUIRED AS REQUIRED TO INTERCEPT AND CONTROL SPRINKLER ZONE AT THE ASSOCIATED INDIVIDUAL SPRINKLER ZONE CONTROL VOLTAGE. COORDINATE LOCATION OF SPRINKLER CONTROLLER TO INTERCEPT ZONE WIRING. LABEL SWITCH. SET INITIAL COUNTDOWN TIME TO 20 MINUTES. COORDINATE PROGRAMMED TIME WITH OWNER.
7. SURGICAL LASER RECEPTACLE (PLC CONTROLLED HOSPITAL ISOLATION RECEPTACLE MODULE AS MANUFACTURED BY SQUARE-D) TO MATCH EXISTING SURGICAL LASER RECEPTACLES. INTEGRATE NEW RECEPTACLES AND LASER-IN-USE LIGHTS INTO EXISTING SURGICAL LASER SYSTEM.

   CONFIGURATION: NEMA 6-30R
   MOUNTING: SURFACE (STAINLESS STEEL ENCLOSURE)
   OTHER ITEMS: CIRCUIT SWITCHING CONTROLLED FROM RECEPTACLE MODULE REQUIRING POWER, INDICATING ALARM MODULE WITH SIGNALING SWITCH AT EACH RECEPTACLE (AMMETER STYLE NOT REQUIRED BY OWNER).
8. SERVE FIRST FLOOR PHILIPS DEVICES FROM PHILIPS RACK IN ELECTRICAL ROOM 3069.
9. ROUTE PHILIPS CABLE INTO EQUIPMENT BOOM. CABLE SHALL BE SERVED FROM EXISTING PHILIPS EQUIPMENT IN SUPPLIES/LOCKERS 1814. LOCATED APPROXIMATELY 115' NORTH OF ROOM 1886 (OUTSIDE OPERATING ROOM #5).
10. PROVIDE JUNCTION BOX FOR EXAM LIGHT WALL CONTROL. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH EQUIPMENT PRIOR TO ROUGH-IN.
11. PROVIDE POWER CONNECTION TO HVAC PRESSURE MONITORING STATIONS. COORDINATE EXACT MOUNTING REQUIREMENTS WITH MECHANICAL. CIRCUIT TO SPARE 20A/1P CIRCUIT BREAKER IN PANEL 186E.

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PROJECT DESIGNER	Brian Zabloudil
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CIVIL ENGINEER	
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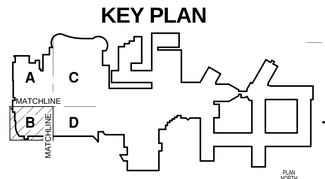
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

KEY PLAN



REGISTERED ELECTRICAL ENGINEER
CHRISTOPHER A. BURNHAM
E-11862
11/05/2013
STATE OF NEBRASKA

FIRST FLOOR PLAN - AREA B - POWER

SCALE 1/8" = 1'-0"

E-201B

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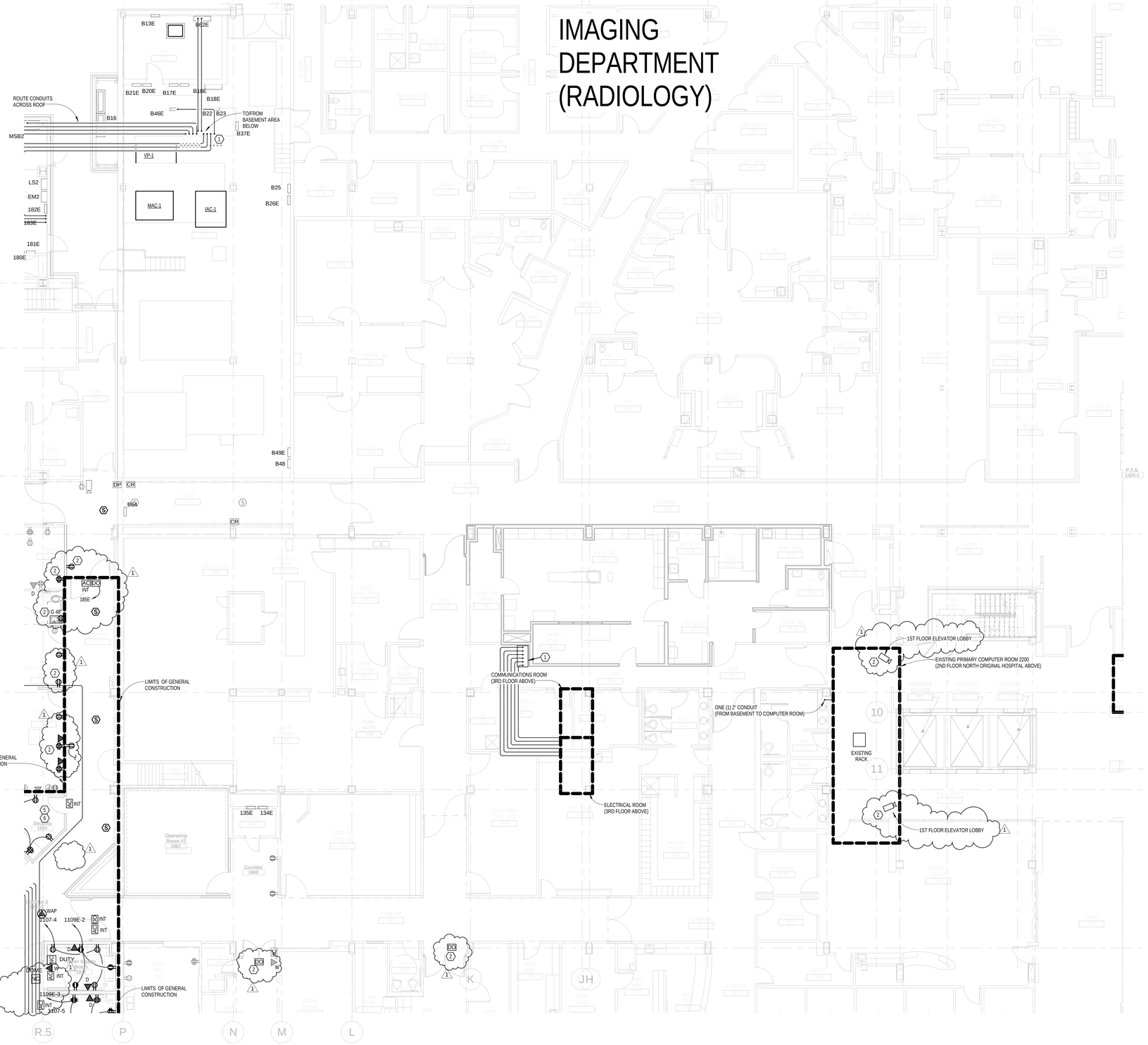
IMAGING DEPARTMENT (RADIOLOGY)



1 FIRST FLOOR PLAN - AREA C - POWER
1/8" = 1'-0"

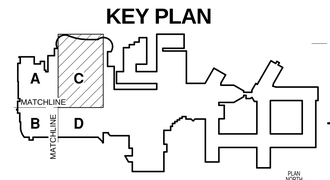
GENERAL NOTES

1. CIRCUIT DOOR OPENERS TO LIFE SAFETY PANEL 185E. PROVIDE ONE CIRCUIT FOR THE BUILDING SHELL DOOR OPENERS AND ONE CIRCUIT FOR THE BUILDING INTERIOR DOOR OPENERS. PROVIDE 20A/1P CIRCUIT BREAKERS IN PANEL AS REQUIRED.
2. CIRCUIT ACCESS CONTROL POWER SUPPLIES TO EQUIPMENT PANEL 186E. PROVIDE ONE CIRCUIT FOR BUILDING SHELL DOORS AND ONE CIRCUIT FOR BUILDING INTERIOR DOORS. PROVIDE 20A/1P CIRCUIT BREAKERS IN PANEL AS REQUIRED.

SHEET NOTES

1. PROVIDE DRYWALL ENCLOSURE AROUND NEW VERTICAL CONDUIT ROUTE FOR CONDUIT CONCEALMENT WITHIN CORRIDOR. ENCLOSURE SHALL MATCH EXISTING FINISHES.
2. PROVIDE NEW DEVICE(S) SHOWN AT THIS LOCATION OUTSIDE OF THE LIMITS OF GENERAL CONSTRUCTION.

KEY PLAN



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ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

PROFESSIONAL ELECTRICAL ENGINEER KRISTOPHER J. BURNHAM E-11858 11/05/2013 STATE OF NEBRASKA

FIRST FLOOR PLAN - AREA C - POWER

SCALE 1/8" = 1'-0"

E-201C

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SURGERY DEPARTMENT (OR's)

LIMITS OF GENERAL CONSTRUCTION

COMMUNICATIONS ROOM (3RD FLOOR ABOVE)

ELECTRICAL ROOM (3RD FLOOR ABOVE)

ONE (1) 2" CONDUIT (FROM BASEMENT TO COMPUTER ROOM)

1ST FLOOR ELEVATOR LOBBY

EXISTING PRIMARY COMPUTER ROOM 2200 (2ND FLOOR NORTH ORIGINAL HOSPITAL ABOVE)

EXISTING RACK

RELOCATE TO CORRIDOR

DELAY

1107-38 1103-6 1102E-5 1103 (UNML1) 1102E (1CRL1) 1102E-1,2 1103-1 1103-5 1103-4 1107-35 1109E-22 1102E-6 1102E-3,4 1102E-7 1103-2,3 1102E-8 192E-5 1103-7 1107-25 1107-5 1107-7 1107-8 1107-9 1107-10 1109E-15 1109E-2 1103-6 1107-25 186E-3.5

POSO

LIMITS OF GENERAL CONSTRUCTION

GENERAL NOTES

1. CIRCUIT DOOR OPENERS TO LIFE SAFETY PANEL 1BSE. PROVIDE ONE CIRCUIT FOR THE BUILDING SHELL DOOR OPENERS AND ONE CIRCUIT FOR THE BUILDING INTERIOR DOOR OPENERS. PROVIDE 20A/1P CIRCUIT BREAKERS IN PANEL AS REQUIRED.
2. CIRCUIT ACCESS CONTROL POWER SUPPLIES TO EQUIPMENT PANEL 1BSE. PROVIDE ONE CIRCUIT FOR BUILDING SHELL DOORS AND ONE CIRCUIT FOR BUILDING INTERIOR DOORS. PROVIDE 20A/1P CIRCUIT BREAKERS IN PANEL AS REQUIRED.

SHEET NOTES

1. PROVIDE NEW DEVICE(S) SHOWN AT THIS LOCATION OUTSIDE OF THE LIMITS OF GENERAL CONSTRUCTION.
2. AS PART OF ALTERNATE 1A: PROVIDE POWER CONNECTION TO HEAT TRACE. COORDINATE EXACT LOCATION OF CONNECTION WITH MECHANICAL.

1 FIRST FLOOR PLAN - AREA D - POWER
1/8" = 1'-0"

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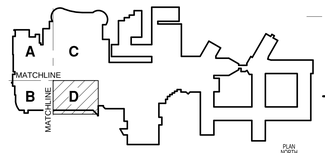
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

KEY PLAN



FIRST FLOOR PLAN - AREA D - POWER

SCALE 1/8" = 1'-0"

E-201D

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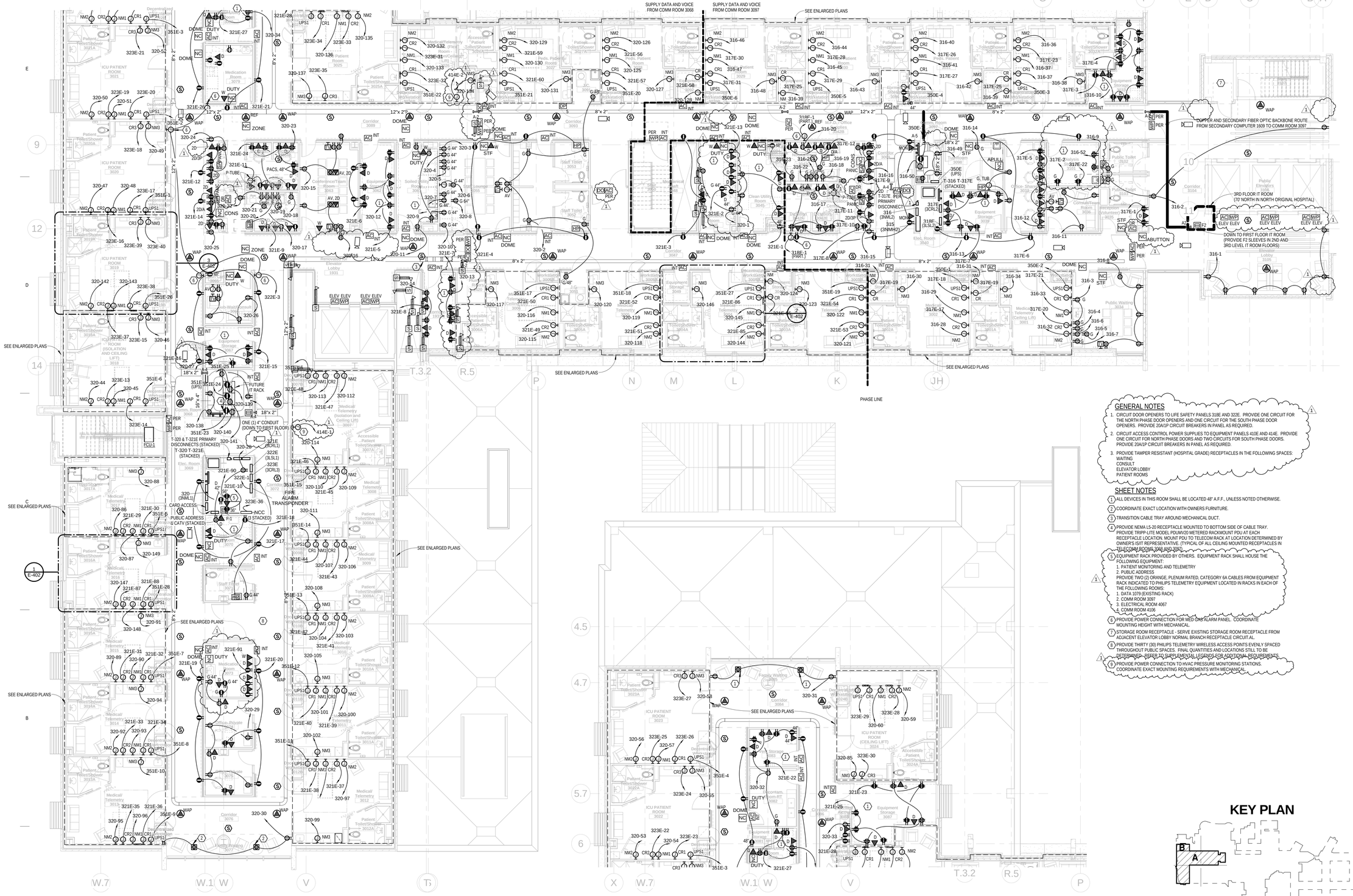
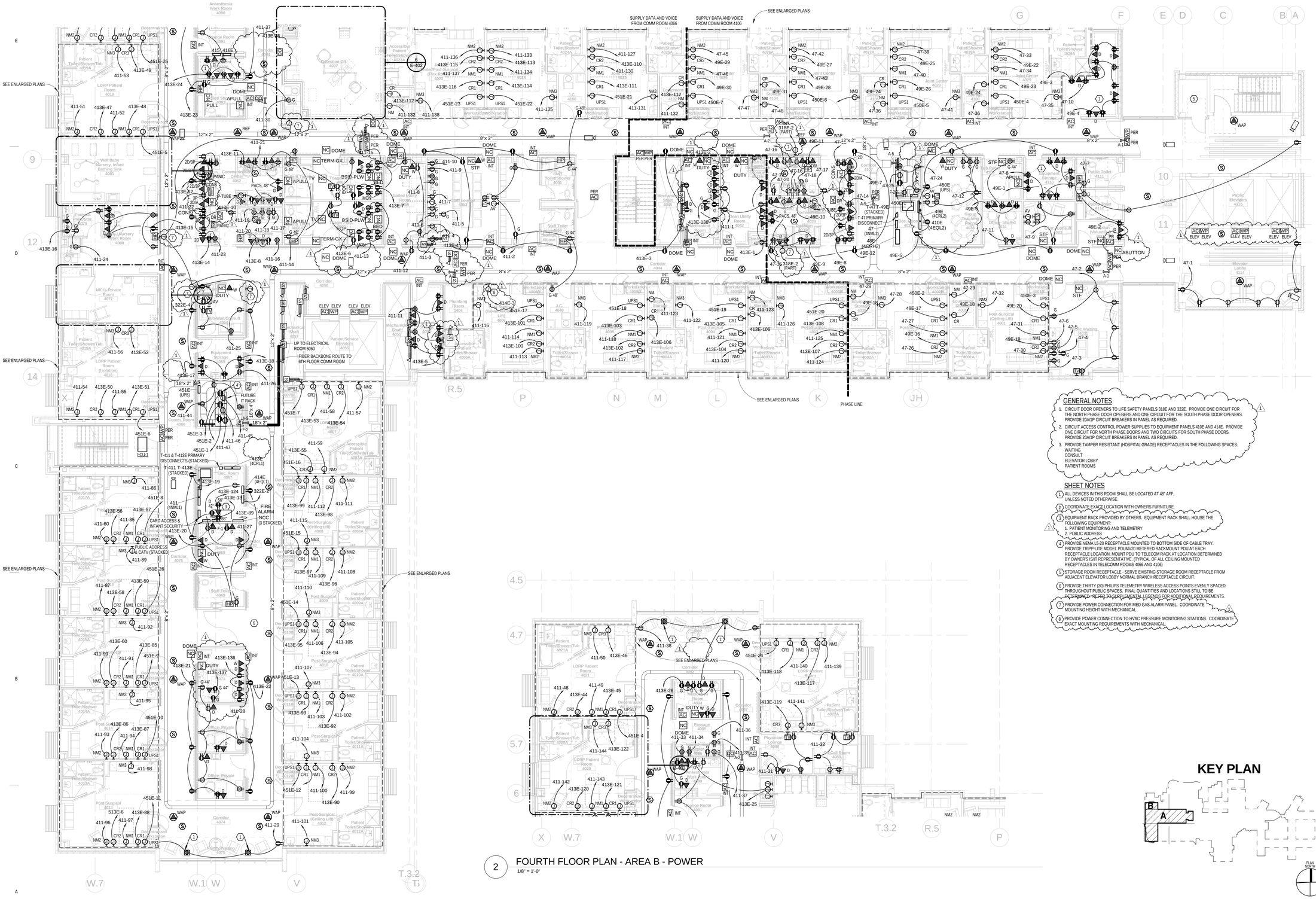

SUPPLY DATA AND VOICE FROM COMM ROOM 3068
SUPPLY DATA AND VOICE FROM COMM ROOM 3097
SEE ENLARGED PLANS
PHASE LINE
SEE ENLARGED PLANS
SEE ENLARGED PLANS
SEE ENLARGED PLANS



1 FOURTH FLOOR PLAN - AREA A - POWER

1/8" = 1'-0"

2 FOURTH FLOOR PLAN - AREA B - POWER

1/8" = 1'-0"

GENERAL NOTES

1. CIRCUIT DOOR OPENERS TO LIFE SAFETY PANELS 318E AND 322E. PROVIDE ONE CIRCUIT FOR THE NORTH PHASE DOOR OPENERS AND ONE CIRCUIT FOR THE SOUTH PHASE DOOR OPENERS. PROVIDE 20A/1P CIRCUIT BREAKERS IN PANEL AS REQUIRED.
2. CIRCUIT ACCESS CONTROL POWER SUPPLIES TO EQUIPMENT PANELS 410E AND 414E. PROVIDE ONE CIRCUIT FOR NORTH PHASE DOORS AND TWO CIRCUITS FOR SOUTH PHASE DOORS. PROVIDE 20A/1P CIRCUIT BREAKERS IN PANEL AS REQUIRED.
3. PROVIDE TAMPER RESISTANT (HOSPITAL GRADE) RECEPTACLES IN THE FOLLOWING SPACES:
   WAITING
   CONSULT
   ELEVATOR LOBBY
   PATIENT ROOMS

SHEET NOTES

1. ALL DEVICES IN THIS ROOM SHALL BE LOCATED AT 48" AFF, UNLESS NOTED OTHERWISE.
7. COORDINATE EXACT LOCATION WITH OWNERS FURNITURE.
3. EQUIPMENT RACK PROVIDED BY OTHERS. EQUIPMENT RACK SHALL HOUSE THE FOLLOWING EQUIPMENT:
   1. PATIENT MONITORING AND TELEMETRY
   2. PUBLIC ADDRESS
4. PROVIDE NEMA L5-20 RECEPTACLE MOUNTED TO BOTTOM SIDE OF CABLE TRAY. PROVIDE TRIPP-LITE MODEL PDUMV20 METERED RACKMOUNT PDU AT EACH RECEPTACLE LOCATION. MOUNT PDU TO TELECOM RACK AT LOCATION DETERMINED BY OWNER'S ISIT REPRESENTATIVE. (TYPICAL OF ALL CEILING MOUNTED RECEPTACLES IN TELECOMM ROOMS 4066 AND 4106)
5. STORAGE ROOM RECEPTACLE - SERVE EXISTING STORAGE ROOM RECEPTACLE FROM ADJACENT ELEVATOR LOBBY NORMAL BRANCH RECEPTACLE CIRCUIT.
6. PROVIDE THIRTY (30) PHILIPS TELEMETRY WIRELESS ACCESS POINTS EVENLY SPACED THROUGHOUT PUBLIC SPACES. FINAL QUANTITIES AND LOCATIONS STILL TO BE DETERMINED. REFER TO SUPPLEMENTAL LEGENDS FOR ADDITIONAL REQUIREMENTS.
7. PROVIDE POWER CONNECTION FOR MED GAS ALARM PANEL. COORDINATE MOUNTING HEIGHT WITH MECHANICAL.
8. PROVIDE POWER CONNECTION TO HVAC PRESSURE MONITORING STATIONS. COORDINATE EXACT MOUNTING REQUIREMENTS WITH MECHANICAL.

KEY PLAN

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HDR ARCHITECTURE INC.
8404 Indian Hills Drive | Omaha, NE 68114 | 402.399.1100

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Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

CONSTRUCTION DOCUMENTS

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	0000000000197729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

PROFESSIONAL ELECTRICAL ENGINEER
KRISTOPHER J. BURNHAM
E-11858
11/05/2013
STATE OF NEBRASKA

PLAN NORTH

FOURTH FLOOR PLAN - POWER

E-204

CONSTRUCTION DOCUMENTS

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INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.

INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER

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SES PROJECT # 12140

SCALE 1/8" = 1'-0"

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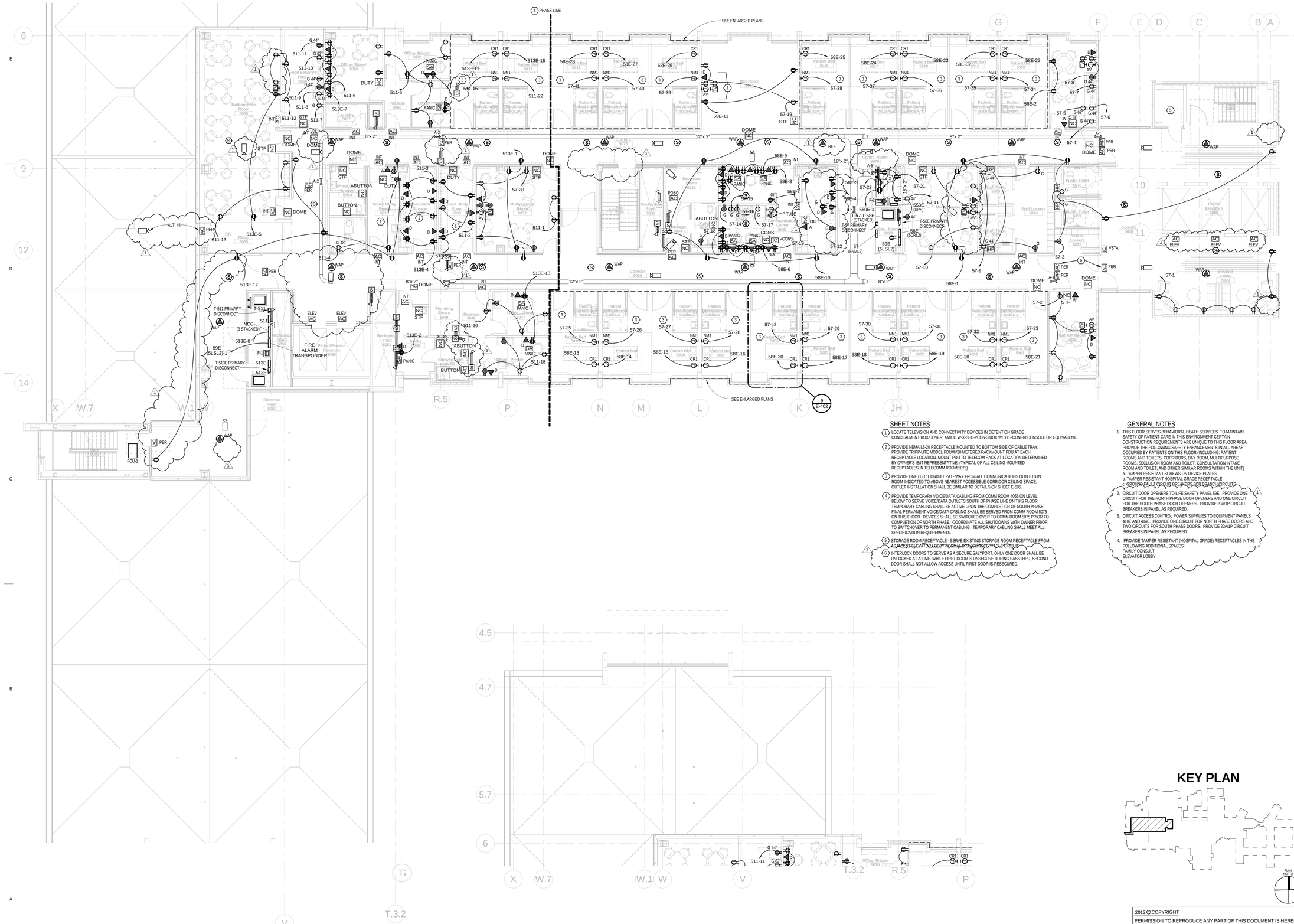
4 PHASE LINE
SEE ENLARGED PLANS
SEE ENLARGED PLANS
9 E-402
ALT. #4
FCU-1
Mechanical Shaft 5059
Electrical Room 5060
Multipurpose Room 5065
Laundry 5067
Soiled Utility Room 5063
Wheelchair Shower 5064
Office- Shared 5069
Passage 5068
Office- Private 5070
Plumbing Risers 5049
Passage 5048
Mechanical Shaft 5047
Patient/Service Elevators 5058
Patient Bed 5013
Patient Bed 5012
Patient Bed 5011
Patient Bed 5010
Patient Bed 5009
Patient Bed 5008
Patient Bed 5007
Patient Bed 5006
Patient Bed 5005
Patient Bed 5004
Patient Bed 5003
Patient Bed 5002
Patient Bed 5001
Day Room 5000
Corridor 5071
Corridor 5029
Corridor 5078
Mechanical Shaft 5030
Seclusion Room 5030
Communication Center 5031
Nurse Station 5027
Staff Toilet 5028
Staff Toilet 5029
Staff Lockers 5024
Staff Lockers 5023
Public Toilet 5076
Public Toilet 5077
Public Elevators 5080
Elevator Lobby 5079
Vestibule 5081
Scrubs Storage 5082
Patient Toilet/Shower 5018A
Patient Toilet/Shower 5019A
Patient Toilet/Shower 5020A
Patient Toilet/Shower 5021A
Patient Toilet/Shower 5022A
Patient Toilet/Shower 5023A
Patient Toilet/Shower 5024A
Patient Toilet/Shower 5025A
Patient Toilet/Shower 5026A
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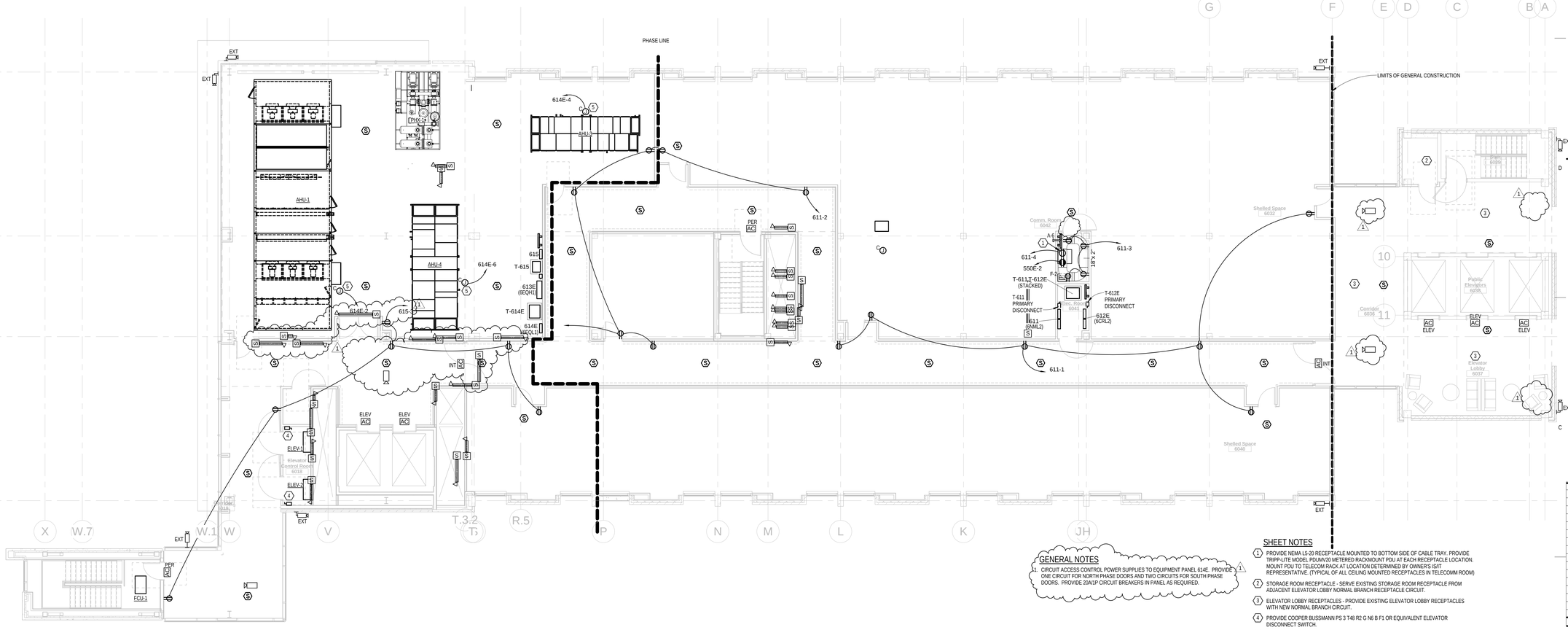
Patient Toilet/Shower 5030A
Patient Toilet/Shower



GENERAL NOTES

11. CIRCUIT ACCESS CONTROL POWER SUPPLIES TO EQUIPMENT PANEL 614E. PROVIDE ONE CIRCUIT FOR NORTH PHASE DOORS AND TWO CIRCUITS FOR SOUTH PHASE DOORS. PROVIDE 20A/1P CIRCUIT BREAKERS IN PANEL AS REQUIRED.

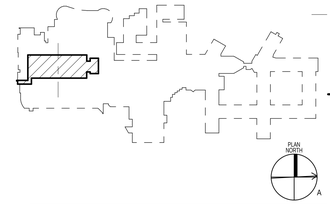
SHEET NOTES

1. PROVIDE NEMA L5-20 RECEPTACLE MOUNTED TO BOTTOM SIDE OF CABLE TRAY. PROVIDE TRIPP-LITE MODEL PDUMV20 METERED RACKMOUNT PDU AT EACH RECEPTACLE LOCATION. MOUNT PDU TO TELECOM RACK AT LOCATION DETERMINED BY OWNER'S IS/IT REPRESENTATIVE. (TYPICAL OF ALL CEILING MOUNTED RECEPTACLES IN TELECOMM ROOM)
2. STORAGE ROOM RECEPTACLE - SERVE EXISTING STORAGE ROOM RECEPTACLE FROM ADJACENT ELEVATOR LOBBY NORMAL BRANCH RECEPTACLE CIRCUIT.
3. ELEVATOR LOBBY RECEPTACLES - PROVIDE EXISTING ELEVATOR LOBBY RECEPTACLES WITH NEW NORMAL BRANCH CIRCUIT.
4. PROVIDE COOPER BUSSMANN PS 3 T48 R2 G N6 B F1 OR EQUIVALENT ELEVATOR DISCONNECT SWITCH.
5. PROVIDE POWER CONNECTION TO AIR HANDLING UNIT LIGHTS AND RECEPTACLES.

1 SIXTH FLOOR PLAN - POWER

1/8" = 1'-0"

KEY PLAN



INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.

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STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

SCALE 1/8" = 1'-0"

SIXTH FLOOR PLAN - POWER

E-206

CONSTRUCTION DOCUMENTS

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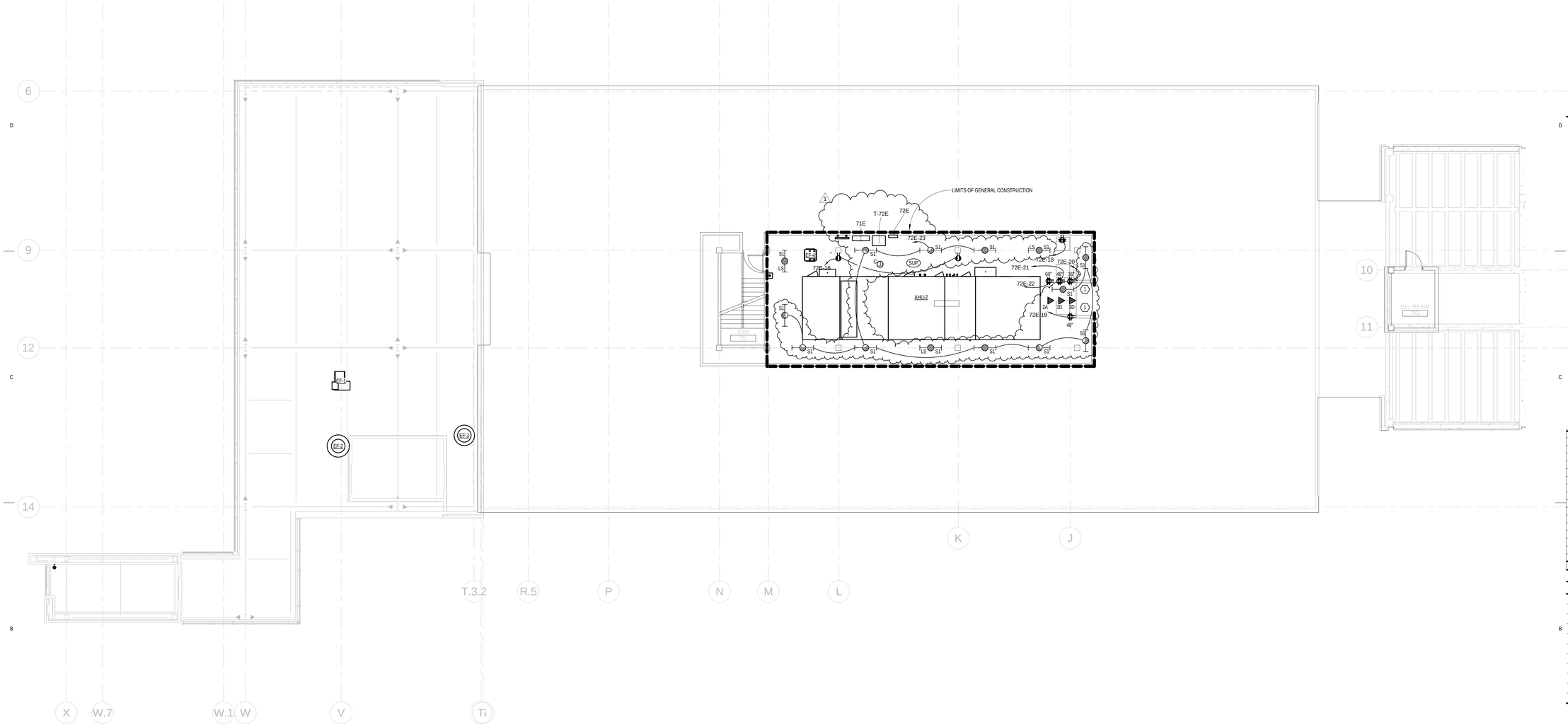
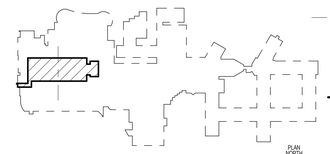
SHEET NOTES

1. PROVIDE STEEL STRUT FROM FLOOR RO CEILING FOR DEVICES SHOWN AT NORTHWALL. STUB COMMUNICATIONS CONDUITS TO CORRIDOR CABLE TRAY AT FLOOR BELOW AND SERVE FROM 6TH FLOOR COMMUNICATIONS ROOM.



1 ELECTRICAL ROOF PLAN
1/8" = 1'-0"

KEY PLAN



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STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ELECTRICAL ROOF PLAN

SCALE 1/8" = 1'-0"

E-207

CONSTRUCTION DOCUMENTS

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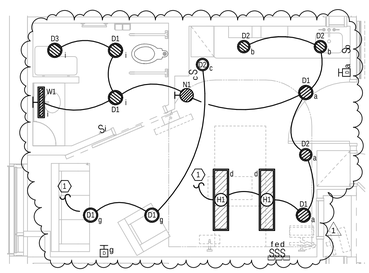
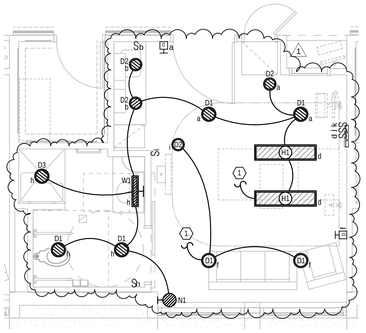
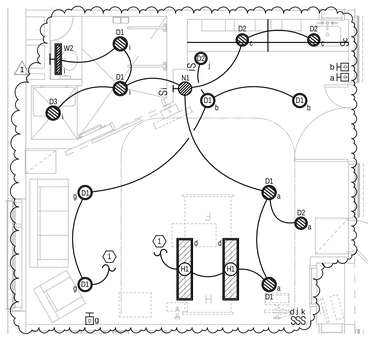


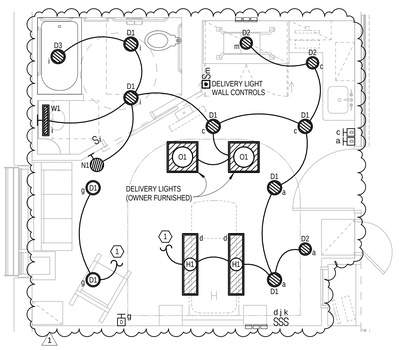
1 Enlarged Lighting Plan - Typical Medical / Telemetry Patient Room (New)
1/4" = 1'-0"



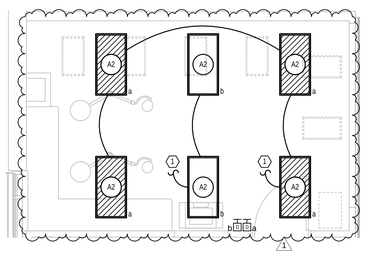
2 Enlarged Lighting Plan - Typical Medical / Telemetry Patient Room (Renovated)
1/4" = 1'-0"



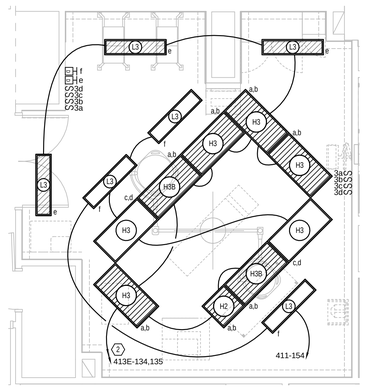
3 Enlarged Lighitng Plan - Typical ICU Patient Room
1/4" = 1'-0"



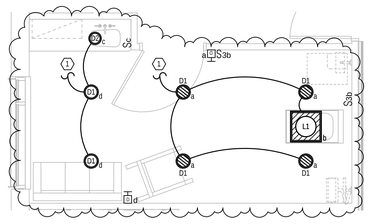
4 Enlarged Lighting Plan - Typical LDRP Patient Room
1/4" = 1'-0"



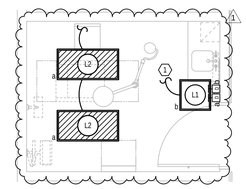
5 Enlarged Lighting Plan - Well Baby Nursery
1/4" = 1'-0"



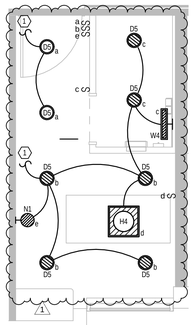
6 Enlarged Lighting Plan - C-Section Room
1/4" = 1'-0"



7 Enlarged Lighting Plan - NICU Patient Room
1/4" = 1'-0"



8 Enlarged Lighting Plan - O.P. Surgery/Prep. Recovery
1/4" = 1'-0"



9 Enlarged Ligthing Plan - Typical Behavioral Health patient Room (Renovated)
1/4" = 1'-0"

SHEET NOTES

1. CIRCUIT TO LIGHTING IN ADJACENT ROOM. SEE LIGHTING FLOOR PLANS FOR CIRCUITING BETWEEN ROOMS AND CIRCUIT HOME RUNS.
2. CIRCUIT TYPE 'H3' FIXTURES SUCH THAT ONE CIRCUIT SERVES THE FIRST FIXTURE CIRCUIT ON EACH FIXTURE (SWITCH GROUP 'a') AND THE SECOND CIRCUIT SERVES THE SECOND FIXTURE CIRCUIT ON EACH FIXTURE (SWITCH GROUP 'b') TO ALLOW FOR BI-LEVEL SWITCHING. (TYPICAL OF TYPE 'H3' FIXTURES)

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MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

ENLARGED LIGHTING PLANS

SCALE	1/4" = 1'-0"

E-401

CONSTRUCTION DOCUMENTS

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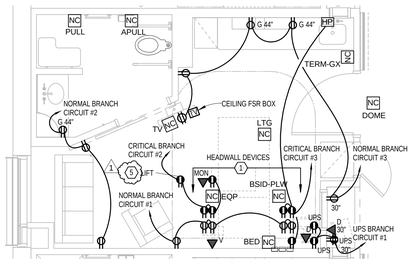
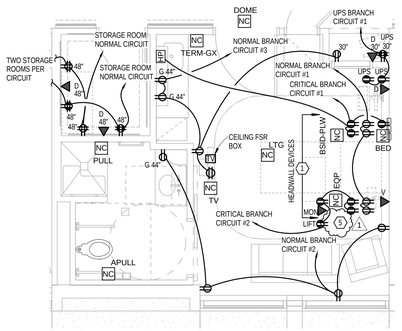
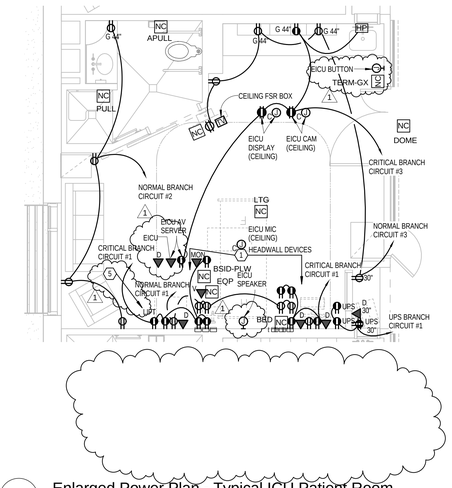


NOTES:
1. NURSE CALL BEDSIDE STATION INCLUDES:
   - PILLOW SPEAKER - (CONTROL TV CHANNEL & VOLUME) (CONTROL 2 ZONES OF LIGHTING)
   - EQUIPMENT ALARM (1)
   - STAFF ASSIST
   - CODE BLUE
2. NURSE CALL AUDIO PULL INCLUDES:
   - EMERGENCY PULL
   - PATIENT CALL-IN
3. eICU
   - INCLUDE ROUGHIN, CABLING, AND OUTLETS FOR eICU DEVICES: (CAMERA, DISPLAY, MICROPHONE, SPEAKERS, MONITOR, START BUTTON,ect)

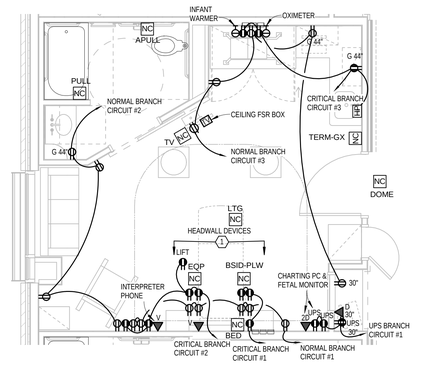
1 Enlarged Power Plan - Typical Medical / Telemetry Patient Room (New)
1/4" = 1'-0"



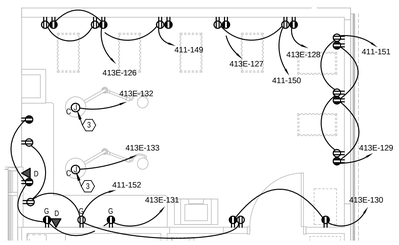
2 Enlarged Power Plan - Typical Medical / Telemetry Patient Room (Renovated)
1/4" = 1'-0"



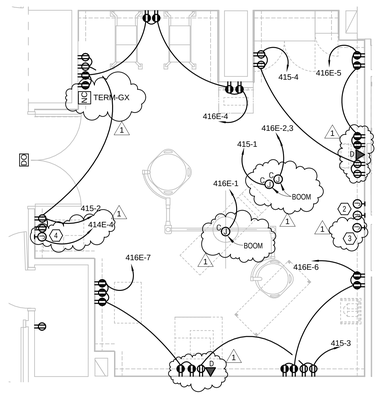
3 Enlarged Power Plan - Typical ICU Patient Room
1/4" = 1'-0"



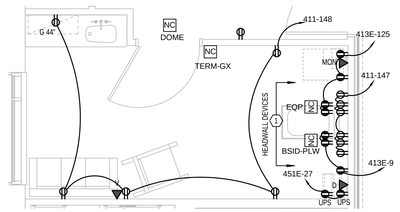
4 Enlarged Power Plan - Typical LDRP Patient Room
1/4" = 1'-0"



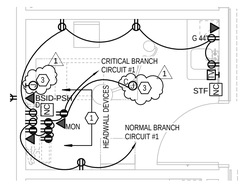
5 Enlarged Power Plan - Well Baby Nursery
1/4" = 1'-0"



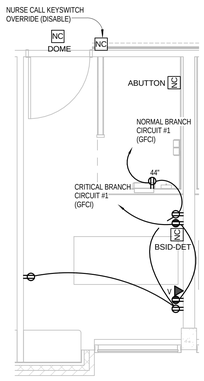
6 Enlarged Power Plan - C-Section Room
1/4" = 1'-0"



7 Enlarged Power Plan - NICU Patient Room
1/4" = 1'-0"



8 Enlarged Power Plan - O.P. Surgery/Prep. Recovery
1/4" = 1'-0"



9 Enlarged Power Plan - Typical behavioral Patient Room (Renovated)
1/4" = 1'-0"

SHEET NOTES

1. HEADWALL DEVICES - DEVICES SHOWN AT HEADWALL SHALL BE MOUNTED IN HEADWALL SYSTEM FURNISHED BY MODULAR SERVICES COMPANY. MODULAR SERVICES WILL FURNISH ELECTRICAL DUPLEX AND SIMPLEX RECEPTACLES SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR BRANCH CIRCUIT CONNECTION/INTERCONNECTION TO THESE RECEPTACLES WITHIN THE HEADWALL SYSTEM AND ASSOCIATED BRANCH CIRCUIT HOMERUNS. NURSE CALL DEVICES WILL BE BY OTHERS, CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUIT TO BOX LOCATIONS. ALL OTHER DEVICES SHALL BE PROVIDED IN THEIR ENTIRETY BY THE CONTRACTOR. MODULAR SERVICES WILL FURNISH MAIN ELECTRICAL JUNCTION BOX WITHIN THE HEADWALL FOR CRITICAL BRANCH, NORMAL BRANCH, AND LOW VOLTAGE TERMINATIONS/ROUTING. CONTRACTOR SHALL PROVIDE HOMERUN CONNECTIONS TO THIS BOX AND ASSOCIATED BRANCH DEVICE CONNECTIONS FROM THIS BOX TO THE INDIVIDUAL DEVICES. LOW VOLTAGE CABLES MAY BE ROUTED WITHOUT CONDUIT WITHIN THE HEADWALL ASSEMBLY. LINE VOLTAGE CONNECTIONS FROM MODULAR SERVICES JUNCTION BOX AND INDIVIDUAL RECEPTACLES SHALL BE PROVIDED IN FLEXIBLE METAL CONDUIT. SERVE HEAD WALL CRITICAL RECEPTACLES FROM TWO (2) CRITICAL BRANCH CIRCUITS AS SHOWN (DIVIDE CIRCUITS BY LEFT-SIDE, RIGHT-SIDE) AND NORMAL RECEPTACLES FROM ONE (1) NORMAL BRANCH CIRCUIT AS SHOWN. PROVIDE (2) 1" AND (1) 1-1/4" CONDUIT STUBBED TO CORRIDOR CABLE TRAY FOR LOW VOLTAGE CABLING. PROVIDE (1) 3/4" CONDUIT STUBBED TO CORRIDOR FOR EACH BRANCH CIRCUIT.
2. PROVIDE LINE ISOLATION MONITORS FOR ISOLATED POWER PANELS. COORDINATE ROUGH-IN REQUIREMENTS WITH EQUIPMENT.
3. EXAM LIGHT - INSTALL AND CONNECT OWNER FURNISHED EXAM LIGHT AND ASSOCIATED WALL CONTROLLER.
4. PROVIDE POWER CONNECTION TO HVAC PRESSURE MONITORING STATIONS. COORDINATE EXACT MOUNTING REQUIREMENTS WITH MECHANICAL.
5. LIFT CHARGER RECEPTACLE - REQUIRED ONLY IN ROOMS WHERE "CEILING LIFT" IS INDICATED IN ROOM NAME ILLUSTRATED ON THE FLOOR PLANS. COORDINATE EXACT LOCATION ON WALL TO SERVE CEILING LIFT CHARGER WITHIN CONVENIENT REACH.

INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.

INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER

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DO NOT SCALE DRAWING. ALL DIMENSIONS AND CLEARANCES SHALL BE VERIFIED FROM APPROPRIATE SOURCES. ALL WORK SHALL BE COORDINATED PRIOR TO INSTALLATION. SEE SPECIFICATIONS.

SPECIALIZED ENGINEERING SOLUTIONS
10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
www.specializedeng.com

SES PROJECT # 12140

HDR
HDR ARCHITECTURE INC.
8404 Indian Hills Drive | Omaha, NE 68114 | 402.399.1100

SPECIALIZED ENGINEERING SOLUTIONS
10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
www.specializedeng.com

Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

CONSTRUCTION DOCUMENTS

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	0000000000197729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

PROFESSIONAL ELECTRICAL ENGINEER
CHRISTOPHER J. BURNHAM
E-11614
11/05/2013
STATE OF NEBRASKA

ENLARGED POWER PLANS

SCALE 1/4" = 1'-0"

E-402

CONSTRUCTION DOCUMENTS

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11/27/2013 12:20:21 PM

ELECTRICAL SYMBOLS

LIGHTING AND POWER "X" INDICATES FIXTURE NUMBER IN SCHEDULE

X	FLUORESCENT FIXTURE	X	FLUORESCENT STRIP LIGHT
X	BRACKET FLUORESCENT FIXTURE	X	BRACKET FIXTURE
X	CEILING FIXTURE	X	TRACK MOUNTED FIXTURE
X	POLE LUMINAIRE	X	WALL MOUNTED EXIT SIGN WITH DIRECTIONAL ARROW
LS X	LIGHT FIXTURES INDICATED 'LS' SHALL BE ON AN EMERGENCY CIRCUIT	X	CEILING MOUNTED EXIT SIGN WITH DIRECTIONAL ARROW
S	SWITCH - SINGLE POLE	S2	SWITCH - DOUBLE POLE
S3	SWITCH - 3-WAY	S4	SWITCH - 4-WAY
SD	SWITCH - DOOR	SMC	SWITCH - MOMENTARY CONTACT
SP	SWITCH - PILOT	(O)	CEILING OCCUPANCY SENSOR (LOCAL RELAY).
(D)	MANUAL DIMMER OR FAN SPEED CONTROL	(O)R	CEILING OCCUPANCY SENSOR (REMOTE RELAY).
	PUSH BUTTON		WALL SWITCH OCCUPANCY SENSOR (LOCAL RELAY).
	RECEPTACLE - DUPLEX		RECEPTACLE - SINGLE
IG	RECEPTACLE - DUPLEX - GFCI		RECEPTACLE - DOUBLE DUPLEX
I	RECEPTACLE - DUPLEX - ISOLATED GROUND		RECEPTACLE - DOUBLE DUPLEX - ISOLATED GROUND
R	RECEPTACLE - DUPLEX - EXTRA HEAVY DUTY		RECEPTACLE - DOUBLE DUPLEX - RED TYPE
T	RECEPTACLE - DUPLEX - TAMPER RESISTANT TYPE		RECEPTACLE - DRYER TYPE - NEMA 14-30 (125/250V 30A)
	RECEPTACLE - DUPLEX - RED TYPE		RECEPTACLE - RANGE TYPE - NEMA 14-50 (125/250V 50A)
	RECEPTACLE - DUPLEX - SPLIT WIRED	W	RECEPTACLE - WELDER TYPE - NEMA 6-50 (250V 50A)
	RECEPTACLE - DUPLEX - CEILING MOUNTED		RECEPTACLE - SPECIAL PURPOSE - (NEMA CONFIG. AS NOTED)
	RECEPTACLE - DUPLEX - FLOOR		MULTI-OUTLET ASSEMBLY - LENGTH AS INDICATED
	RECEPTACLE - DUPLEX - HORIZONTAL MOUNTED		
	LIGHTING PANEL	J	WALL MOUNTED JUNCTION BOX
	DISTRIBUTION PANEL, SWITCHBOARD OR MOTOR CONTROL CENTER	J	JUNCTION BOX ("J" INDICATES FLOOR, "C" INDICATES CEILING)
		P	PHOTOCELL
	BRANCH CIRCUIT - EXPOSED		CONDUIT SEAL
	BRANCH CIRCUIT CONCEALED IN CEILING OR WALL		CIRCUIT DOWN
	BRANCH CIRCUIT CONCEALED IN FLOOR OR BELOW GRADE		CIRCUIT UP
	HOMERUN TO PANEL (NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS)		CONDUIT STUB-OUT
			CIRCUIT BREAK
	SPECIAL PURPOSE HOMERUN AS INDICATED		
MP-X	MOTOR - HORSEPOWER AS INDICATED		SINGLE PHASE MAGNETIC MOTOR STARTER
	SAFETY SWITCH - FUSED UNLESS OTHERWISE NOTED		THREE PHASE MAGNETIC MOTOR STARTER
STE	SINGLE POLE MANUAL MOTOR STARTER WITH THERMAL O.L. AND PILOT LIGHT	J	COMBINATION MAGNETIC STARTER/DISCONNECT
		S R	MOTOR CONTROL PUSHBUTTON STATION
	SWITCH & FUSE	R	RELAY
	SWITCH & FUSTAT	CP	EQUIPMENT CONTROL PANEL

FIRE ALARM SYSTEM "W" INDICATES WALL MOUNTED UNLESS NOTED OTHERWISE

	AUTOMATIC SMOKE DETECTOR - CEILING	F	STROBE - CEILING
	AUTOMATIC HEAT DETECTOR - CEILING	F	HORN - CEILING
	SAMPLING TUBE TYPE SMOKE DETECTOR	F	HORN & STROBE COMBINATION - CEILING
FAS	COMBINATION FIRE/SMOKE DAMPER	F	MANUAL STATION
SD	SMOKE DAMPER	F CM	CONTROL MODULE
	MAGNETIC DOOR HOLDER	F MM	MONITORING MODULE
FAC	CONTROL PANEL	F	FIRE SPRINKLER VALVE TAMPER SWITCH
FAA	ANNUNCIATOR PANEL	F	FIRE SPRINKLER FLOW SWITCH

NURSE CALL SYSTEM

NC RMST	4-BUTTON STATION	NC BED	FEATURE BED RECEPTACLE
NC POP	ALARM STATION	NC PULL	PULL CORD
NC BSD	BEDSIDE STATION	NC APULL	PULL CORD W/AUDIO
NC CONS	CONSOLE	NC RPLW	REMOTE PILLOW SPEAKER RECEPTACLE
NC CLK	COUNT DOWN CLOCK	NC CODE	STAFF ASSIST/CODE BLUE
NC DOME	DOME LIGHT	NC STF	STAFF STATION
NC DMLS	DOMELESS CONTROLLER	NC TERM	STAFF TERMINAL
NC DUTY	DUTY STATION	NCC	CONTROL PANEL
		NCM	MASTER STATION

SOUND

S	CEILING SPEAKER		

TELECOMMUNICATIONS

▼	COMMUNICATIONS OUTLET. OUTLET TYPE INDICATED PER PLAN. PROVIDE CABLING AS FOLLOWS: V = 1 DIGITAL VOICE CABLE, D = 1 DATA CABLE, A = 1 ANALOG VOICE CABLE, W = 1 VOIP PHONE CABLE WITH PHONE MOUNTING BRACKET FACEPLATE AT 48" AFF. OUTLETS WITH NO CABLING DESIGNATION SHALL BE EMPTY WITH BLANK COVERPLATE. CABLING DESIGNATIONS TYPICAL FOR FLOOR AND CEILING DEVICES.	12x4	VERTICAL CABLE MANAGEMENT - DIMENSIONS ARE IN INCHES. FIRST NUMBER INDICATES WIDTH, SECOND NUMBER INDICATES DEPTH.
		12x4	CABLE TRAY (TYPE INDICATED PER SPECIFICATION)
		12x4	CABLE TRAY DIMENSIONS - DIMENSIONS ARE IN INCHES. FIRST NUMBER INDICATES WIDTH, SECOND NUMBER INDICATES DEPTH.
X	COMBINATIONS FLOOR OUTLET-POWER & COMMUNICATIONS		4' WIDE x 8' TALL PLYWOOD BACKING. SEE SPECIFICATION.
FO	FLOOR COMMUNICATIONS OUTLET		CONDUIT SLEEVE WITH BUSHINGS
O	CEILING COMMUNICATIONS OUTLET	(4)-4"C. EXAMPLE	PROVIDE CONDUIT SLEEVE(S) WITH BUSHINGS. LOCATE ABOVE CEILING. SIZE AND QUANTITY AS INDICATED. SEE SPECIFICATIONS.
TV	TELEVISION OUTLET.		

SECURITY SYSTEMS

VS	VIDEO CAMERA ("W" INDICATES WALL MOUNTED)		

MISCELLANEOUS

WP	SUBSCRIPT "WP" APPLIED TO ANY SYMBOL INDICATES WEATHERPROOF NEMA TYPE 4 OR EQUIVALENT	RT	SUBSCRIPT "RT" APPLIED TO ANY SYMBOL INDICATES RAINTIGHT NEMA 3R OR EQUIVALENT
E	SUBSCRIPT "E" ADDED TO ANY SYMBOL INDICATES EXISTING	P	SUBSCRIPT "P" ADDED TO ANY SYMBOL INDICATES PILOT LIGHT
R	SUBSCRIPT "R" ADDED TO ANY SYMBOL INDICATES REUSED	(#)	SHEET NOTE
C	SUBSCRIPT "C" ADDED TO ANY SYMBOL INDICATES CEILING	PART	SUBSCRIPT "PART" ADDED TO ANY SYMBOL INDICATES PARTIAL

LIGHTING FIXTURE SCHEDULE

FIXTURE	MANUFACTURER	SUBS	CATALOG NO. (NOTE A)	LAMP	VOLTS	INPUT WATTS	MOUNTING	DESCRIPTION	REMARKS
A1	LITHONIA		2VTL2 24L ADP D24 LP840 NX	LED		24 W	RECESSED	2x4 VOLUMETRIC - 2400 LUMEN	
A2	LITHONIA		2VTL4 48L ADP D47 LP840 NX	LED		47 W	RECESSED	2x4 VOLUMETRIC - 4800 LUMEN	
A3	LITHONIA	P	2VTL4 72L ADP D75 LP840 NX	LED		75 W	RECESSED	2x4 VOLUMETRIC - 7200 LUMEN	
A4	LITHONIA	P	2VTL2 36L ADP D36 LP840 NX	LED		36 W	RECESSED	2x2 VOLUMETRIC - 3600 LUMEN	
A5	FOCAL POINT	P	FAV6L SR LL2 L40 1C 120 G1 WH	LED		31 W	RECESSED	6" x 4' LINEAR	
A6	FOCAL POINT	P	FTRL AC LL1 L40 1C 120 LD1 G SSB WH XX	LED		130 W	RECESSED	CORRIDOR PERIMETER	NOTE 1
A7	KENALL	P	ME22 G 50L40K DCC 1 120 FA	LED		36 W	RECESSED	2x2 INDIRECT - BEHAVIORAL	
A8	KENALL		ME22 G 50L40K DCC 1 120 FA	LED		66 W	RECESSED	2x4 INDIRECT - BEHAVIORAL	
B1	POINT LIGHTING	P	PHB-37001-R-1	LED	120 V	71 W	SURFACE	HELICOPTER BEACON	
C1	ALW	P	LPR1WT DRY 2' LED5CW-4000 LED-DIM 120 AL	LED	120 V	12 W	RECESSED	2'-0" PATIENT ENTRY	
C2	ALW	P	LPR1WT DRY 1'-4" LED5CW-4000 LED-DIM 120 AL	LED	120 V	8 W	RECESSED	1'-4" PATIENT ENTRY	
C3	ALW	P	LPR1WT DRY 10' HP10-4000 LED-DIM 120 AL	LED	120 V	130 W	RECESSED	10' CORRIDOR GRAZE	
C4	LUMENPULSE	P	LCS RO 120 ** 40K FR ** ** WH DIM	LED	120 V	144 W	COVE	ELEVATOR COVE	NOTE 2
C5	LUMENPULSE	P	LOG RO 120 ** 40K 10x10 UMP BK DIM **	LED	120 V	170 W	COVE	EXTERIOR GRAZE	NOTE 2
D	EXISTING				120 V	0 W			
D1	GOTHAM		EVO 41/14 6AR MVOLT	LED		25 W	RECESSED	6" OPEN DOWNLIGHT	
D2	GOTHAM		EVO 41/10 4AR MVOLT	LED		21 W	RECESSED	4" OPEN DOWNLIGHT	
D3	GOTHAM		EVO 41/14 6DFR MVOLT	LED		25 W	RECESSED	6" SHOWER DOWNLIGHT	
D4	GOTHAM	P	EVO 41/14 6AR DLR MVOLT	LED	0 V	25 W	RECESSED	6" DECO RING DOWNLIGHT	
D5	KENALL		HADLEVL2 30L40K DV 2PW G	LED		30 W	RECESSED	6" DOWNLIGHT - BEHAVIORAL	
H1	VISA		CM1912-LCW22200-TW9016-MWAC	LED	0 V	100 W	RECESSED	PATIENT EXAM/READING/AMBIENT	
H2	HEALTHCARE	P	HSTLED 22 G 120 LED40 2C	LED	120 V	128 W	RECESSED	2x2 SURGICAL TROFFER	
H3	HEALTHCARE	P	HSTLED 24 G 120 LED40 2C	LED	120 V	256 W	RECESSED	2x4 SURGICAL TROFFER	
H3B	HEALTHCARE	P	HSTLED 24 G 120 LED40 2C EM2-120	LED	120 V	256 W	RECESSED	2x4 SURGICAL TROFFER - BATTERY	
H4	KENALL		MMECZ2 F 0 9 3 40B 120 LW	LED		120 W	RECESSED	2x2 EXAM - BEHAVIORAL	
L1	LITHONIA		2TL2 33L FW A12 D38 LP840 NX	LED		38 W	RECESSED	2x2 ACRYLIC - 3300 LUMEN	
L2	LITHONIA		2TL4 46L FW SWL D50 LP840 NX	LED		50 W	RECESSED	2x4 ACRYLIC - 4600 LUMEN	
L3	LITHONIA	P	TL4 43L FW A12 D46 LP840 NX	LED	120 V	46 W	RECESSED	1x4 ACRYLIC - 4300 LUMEN	
N1	HEALTHCARE	P	HNL610 MVOLT LEDAMB PC	LED		5 W	RECESSED	PATIENT NIGHTLIGHT	
O1	OWNER FURNISHED				0 V	0 W	RECESSED	LABOR DELIVERY LIGHT	
P1	TREND	P	BP7156	1 - 50W INC		50 W	SUSPENDED	DECORATIVE PENDANT	NOTE 3
P2	ARTEMIDE	N	MOUETTE ASY FLU G5/T5 HE 2x24W+2x54W	2 - 24W + 2 - 54W T5HO	120 V	156 W	SUSPENDED	LINEAR PENDANT	NOTE 3
P3	ARTEMIDE	N	M240100 - TWIST	8 - 54W T5HO	120 V	432 W	SUSPENDED	TWIST PENDANT	NOTE 3
S1	LITHONIA	P	2L2 L46 4600L LP840	LED		75 W	CHAIN HUNG	INDUSTRIAL	NOTE 4
W1	TECH	P	700BCLYNN Y S LED	LED		20 W	SURFACE	STAFF VANITY	NOTE 4
W2	TECH	P	700BCSIB R S CF	2 - 39W T5HO		80 W	WALL RECESSED	PATIENT VANITY	NOTE 4
W3	ARTEMIDE	P	USC-M185308S00RE	1 - 14W T5	120 V	0 W	WALL RECESSED	PUBLIC VANITY	NOTE 4
W4	TECH	P	700BCLYNN Y S LED	LED	120 V	20 W	SURFACE	STAFF VANITY	NOTE 4
W5	LITHONIA		WL4 41L D43 LP840 N80 NES7ADCX DIM10	LED	120 V	43 W	SURFACE	EGRESS STAIR	
W6	TREND	P	TW7583	1 - 60W INC	120 V	60 W	SURFACE	CORRIDOR SCONCE	NOTE 4
W7	FOCAL POINT	P	FSM4L FL LL1 L40 LD1 1C 120 XF1 EC WH 4'	LED	0 V	39 W	WALL RECESSED	4' STAIR LINEAR	NOTE 4
W8	FOCAL POINT	P	FSM4L FL LL1 L40 LD1 1C 120 XF1 EC WH 74'	LED	0 V	740 W	WALL RECESSED	74' STAIR LINEAR	NOTE 4
W9	VISA	P	OW2206-LCW2000-30-NONE-XX		120 V	60 W	SURFACE	EXTERIOR WALL GRAZE	NOTE 4
X1	LITHONIA		LQM S 3 R 120/277	LED	0 V	0 W	UNIVERSAL	EXIT	

KEY NOTES:

1. PROVIDE CONTINUOUS FIXTURE AS SHOWN ON PLANS. COORDINATE LENGTHS AND QUANTITIES WITH ARCHITECTURAL PLANS. PROVIDE ALTERNATING 8'-0" SECTIONS WITH NORMAL BRANCH FEEDS AND 4'-0" SECTIONS WITH 'EC' OPTION FOR LIFE SAFETY BRANCH FEEDS. AT EACH END, PROVIDE FIXTURES WITH 'SSB' OPTION TO PROVIDE EXACT LENGTH INDICATED.
2. COVE – DRAWINGS PROVIDE GENERAL ILLUSTRATION OF COVE LAYOUT. COORDINATE EXACT UNIT LENGTHS AND QUANTITIES WITH ARCHITECTURAL DETAILS TO PROVIDE CONTINUOUS ILLUMINATION FOR ENTIRE LENGTH OF COVE. LED COVE LIGHTING FIXTURES SHALL BE INSTALLED END-TO-END (NO GAP BETWEEN FIXTURES) WITH A MAXIMUM 6" GAP AT COVE ENDS AND CORNERS. STAGGERED LINEAR FLUORESCENT COVE LIGHTING FIXTURES SHALL BE INSTALLED EVENLY SPACED (WHILE MAINTAINING LAMP OVERLAP) WITHOUT GAPS AT COVE ENDS AND CORNERS. SELECT UNIT LENGTHS AND QUANTITIES TO ACHIEVE THE ABOVE REQUIRED PERFORMANCE (SHORTER UNIT LENGTHS IN GREATER QUANTITIES MAY BE REQUIRED).
3. PENDANT/SUSPENSION MOUNTING - COORDINATE EXACT LOCATION, MOUNTING ELEVATION, AND REQUIRED PENDANT/SUSPENSION LENGTH WITH ARCHITECT AND ARCHITECTURAL DETAILS.
4. WALL MOUNTING - COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECT AND ARCHITECTURAL DETAILS.
5. EXIT SIGNS - REFER TO ELECTRICAL PLANS FOR DIRECTION INDICATORS AND MOUNTING TYPE.

GENERAL NOTES:

A. CATALOG NUMBER VERIFICATION - CONTRACTOR SHALL VERIFY LIGHTING FIXTURE INSTALLATION REQUIREMENTS AND CATALOG NUMBER PRIOR TO ORDERING.

B. SUBSTITUTIONS - WHERE INDICATED WITH 'N' (NO), NO SUBSTITUTIONS WILL BE ACCEPTED. WHERE INDICATED WITH 'P' (PRIOR APPROVAL), SUBSTITUTIONS MUST BE APPROVED PRIOR TO BID WITH ACCEPTANCE ISSUED BY ADDENDUM. WHERE INDICATED WITH 'Y' (YES), THE FOLLOWING MANUFACTURER'S ARE CONSIDERED ACCEPTABLE EQUIVALENT MANUFACTURER'S, PROVIDED THE EQUIVALENT FIXTURE IS OF THE SAME QUALITY, EFFICIENCY, PERFORMANCE AND CHARACTERISTICS AS THAT SCHEDULED:
   1. ACUITY BRANDS
   2. COOPER
   3. HUBBELL
   4. WILLIAMS
   SEE PROJECT SPECIFICATIONS FOR SPECIFIC MANUFACTURER/MODEL EQUIVALENCY OF COMMONLY USED LIGHTING FIXTURE TYPES. ABSENCE OF A SELECTION INDICATES THAT PRIOR APPROVALS ARE REQUIRED.

C. DOWNLIGHT CEILING TRIM FINISH/COLOR SELECTION - PROVIDE DOWNLIGHT REFLECTOR FINISH/COLOR AS SPECIFIED IN THE LIGHTING FIXTURE SCHEDULE. SELECT CEILING TRIM FINISH/COLOR TO COORDINATE WITH CEILING TYPE. "WHITE" TRIM FOR DOWNLIGHTS MOUNTED IN WHITE ACOUSTICAL TILE CEILINGS. "CLEAR" (TO MATCH REFLECTOR FINISH/COLOR) FOR DOWNLIGHTS MOUNTED IN PAINTED GYPSUM BOARD CEILINGS.

D. TRACK – PROVIDE SINGLE-CIRCUIT TRACK SYSTEM WITH ALL NECESSARY COMPONENTS FOR A COMPLETE INSTALLATION, INCLUDING, BUT NOT LIMITED TO: POWER FEEDS, STAND OFFS, CONNECTORS, END CAPS, AND TRANSFORMERS. TRACK AND ACCESSORY FINISH SHALL MATCH FINISH OF SPECIFIED TRACK HEAD. PROVIDE TRACK LENGTHS AND TRACK HEAD QUANTITIES PER PLANS. COORDINATE TRACK TYPE FOR COMPATIBILITY WITH SPECIFIED TRACK HEAD FIXTURE. PROVIDE REMOTE TRANSFORMER QUANTITIES AND SIZES TO ACCOMMODATE LOAD OF TRACK HEADS INDICATED. PROVIDE POWER FEEDS AND TRACK CONNECTORS AS NEEDED TO PROVIDE TRACK LENGTH INDICATED. MOUNT REMOTE TRANSFORMER ABOVE NEAREST ACCESSIBLE CEILING. COORDINATE LENGTH OF STANDOFFS AND POWER FEEDS AND EXACT SHAPE OF CURVED TRACKS WITH ARCHITECT.

E. THE FOLLOWING FIXTURES ARE APPROVED EQUIVALENT MANUFACTURERS FOR THE INDICATED FIXTURE TYPES:
CORELITE - A1, A2, A3, A4
PORTFOLIO - D1, D2, D4
METALUX - L1, L2, L3, S1
SURE-LITES - X1

1

EQUIPMENT CONNECTION SCHEDULE

MARK	DESCRIPTION	HP/KW/FLA	VOLTS	PHASE	MCA	MOCP	LOAD	STARTER/ CONTROLLER	CONTROL TYPE	DISCONNECT	FEEDER	PANEL	CIRCUIT NUMBER	GEN	Comments	ROOM NAME	ROOM #
AHU-1	AHU SUPPLY FAN	184 A	480 V	3	189.4	200	152975 VA	VFD	FA STOP	INT	(14) (200A) 3-#3/0, #6 GND - 2"C.	613E	5	Yes			
AHU-1 RF	AHU RETURN FAN	75.4 A	480 V	3	77.5	80	63185 VA	VFD	FA STOP	INT	(7) (80A) 3-#3, #8 GND - 1-1/4"C.	613E	6	Yes			
AHU-2	AHU SUPPLY FAN	73.6 A	480 V	3	91.6	100	87295 VA	VFD	FA STOP	INT	(9) (100A) 3-#1, #8 GND - 1-1/2"C.	71E	2	Yes			
AHU-2 RF	AHU RETURN FAN	32.6	480 V	3	40.4	45	43232 VA	VFD	FA STOP	INT	(4) (50A) 3-#6, #10 GND - 1"C.	71E	3	Yes			
AHU-3	AHU SUPPLY FAN	6 A	480 V	3	6.75	15	4988 VA	VFD	FA STOP	INT	(1) (20A) 3-#12, #12 GND - 3/4"C.	613E	7	Yes			
AHU-3 RF	AHU RETURN FAN	4 A	480 V	3	4.73	15	3326 VA	VFD	FA STOP	INT	(1) (20A) 3-#12, #12 GND - 3/4"C.	613E	8	Yes			
AHU-4	AHU SUPPLY FAN	15 A	480 V	3	17.1	30	12470 VA	VFD	FA STOP	INT	(2) (30A) 3-#10, #10 GND - 3/4"C.	613E	9	Yes			
AHU-4 RF	AHU RETURN FAN	10 A	480 V	3	12.5	20	8314 VA	VFD	FA STOP	INT	(1) (20A) 3-#12, #12 GND - 3/4"C.	613E	10	Yes			
EF-1	EXHAUST FAN	3 HP	208 V	3	6	15	1729 VA	VFD		INT	(1M) (1/2 - 3 HP 208V) 3-#12, #12 GND - 3/4"C.	72E	2,4,6	Yes			
EF-2	EXHAUST FAN	3 HP	208 V	3	6	15	1729 VA	MAG		INT	(1M) (1/2 - 3 HP 208V) 3-#12, #12 GND - 3/4"C.	72E	7,9,11	Yes			
EF-3	EXHAUST FAN	3 HP	208 V	3	6	15	1729 VA	MAG		INT	(1M) (1/2 - 3 HP 208V) 3-#12, #12 GND - 3/4"C.	72E	8,10,12	Yes			
EF-4	EXHAUST FAN	3 HP	208 V	3	6	15	1729 VA	MAG		INT	(1M) (1/2 - 3 HP 208V) 3-#12, #12 GND - 3/4"C.	72E	13,15,17	Yes			
ELEV-1	ELEVATOR CONTROLLER	35 HP	480 V	3	52	60	43232 VA	INT		F 60/3	(5) (60A) 3-#4, #10 GND - 1"C.	613E	2	Yes		Elevator Control Room	6018
ELEV-2	ELEVATOR CONTROLLER	35 HP	480 V	3	52	60	43232 VA	INT		F 60/3	(5) (60A) 3-#4, #10 GND - 1"C.	613E	3	Yes		Elevator Control Room	6018
FCU-1	Horizontal Exposed FCU	1/6 HP	120 V	1	5.5	15	528 VA	INT		INT	(1M1) (1/6 - 1 HP 120V) 2-#12, #12 GND - 3/4"C.	186E	1	Yes	NOTE 2		
FCU-1	Horizontal Exposed FCU	1/6 HP	120 V	1	5.5	15	528 VA	INT		INT	(1M1) (1/6 - 1 HP 120V) 2-#12, #12 GND - 3/4"C.	614E	7	Yes			
FCU-1	Horizontal Exposed FCU	1/6 HP	120 V	1	5.5	15	528 VA	INT		INT	(1M1) (1/6 - 1 HP 120V) 2-#12, #12 GND - 3/4"C.	513E	12	Yes		Stair	5062
FCU-1	Horizontal Exposed FCU	1/6 HP	120 V	1	5.5	15	528 VA	INT		INT	(1M1) (1/6 - 1 HP 120V) 2-#12, #12 GND - 3/4"C.	321E	89	Yes		Stair	1959
FCU-1	Horizontal Exposed FCU	1/6 HP	120 V	1	5.5	15	528 VA	INT		INT	(1M1) (1/6 - 1 HP 120V) 2-#12, #12 GND - 3/4"C.	413E	123	Yes		Stair	#######
FCU-2	Horizontal Exposed FCU	1/6 HP	120 V	1	5.5	15	528 VA	INT		INT	(1M1) (1/6 - 1 HP 120V) 2-#12, #12 GND - 3/4"C.	186E	2	Yes	NOTE 2	Corridor-1	1944-1
MAC-1	INSTRUMENT AIR COMPRESSOR	(2) 10 HP	208 V	3	69.3	110	23280 VA	INT		INT	(6) (70A) 3-#4, #8 GND - 1"C.	B17E	1,3,5	Yes	NOTE 2		
MAC-1	MEDICAL AIR COMPRESSOR	(4) 5 HP	208 V	3	71.0	100	25274 VA	INT		INT	(7) (80A) 3-#3, #6 GND - 1-1/4"C.	B11E	2,4,6	Yes	NOTE 2		
PHX-1	PACKAGED HEAT EXCHANGER	65 A	480 V	3	65	80	54040 VA	VFD		INT	(6) (70A) 3-#4, #8 GND - 1"C.	613E	4	Yes			
SP-1 & SP-2	SEWAGE PUMPS	(2) 7.5 HP	480 V	3	24.75	40	9145 VA	INT		NF 30/3	(2) (30A) 3-#10, #10 GND - 3/4"C.	B44E	1	Yes	NOTE 2		
VP-1	MEDICAL VACUUM	10 HP	208 V	3	38.5	80	11640 VA	INT		INT	(3M) (7-1/2 - 10 HP 208V) 3-#8, #8 GND - 1"C.	B17E	7,9,11	Yes	NOTE 2		

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KEY NOTES: (EQUIPMENT CONNECTION SCHEDULE)

1. CONTROLS BETWEEN INDOOR AND OUTDOOR UNITS - INCLUDE CONTROL WIRING IN CONDUIT BETWEEN INDOOR AND OUTDOOR UNIT PER MANUFACTURER'S REQUIREMENTS.
2. EQUIPMENT SERVED FROM EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS AS REQUIRED TO FEED NEW EQUIPMENT. REARRANGE EXISTING CIRCUIT BREAKERS IF REQUIRED TO ACCOMMODATE NEW CIRCUIT BREAKERS. PROVIDE NEW, TYPED PANELBOARD DIRECTORY. REFER TO ONE LINE DIAGRAM ON SHEET E-604 FOR EXISTING EQUIPMENT MANUFACTURER AND TYPE.

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GENERAL NOTES: EQUIPMENT CONNECTION SCHEDULE

A. EQUIPMENT LISTED MAY NOT BE UNIQUE, VERIFY QUANTITY ON PLANS. REFER TO DEFINITIONS BELOW FOR CLARIFICATION OF CONNECTION REQUIREMENTS.
B. ITEMS NOTED AS "NA" ARE NOT APPLICABLE TO THE CONNECTION.
C. "STARTER/CONTROLLER" - PROVIDE STARTER AND ASSOCIATED CONNECTIONS TO EQUIPMENT AND BRANCH CIRCUIT:
   "MAG" = COMBINATION MAGNETIC MOTOR STARTER WITH DISCONNECT (COORDINATE COIL VOLTAGE WITH CONTROL SOURCE).
   "MAN" = COMBINATION MANUAL MOTOR STARTER WITH DISCONNECT.
   "DIV 15" = STARTER OR CONTROLLER IS FURNISHED BY MECHANICAL CONTRACTOR. TEMPERATURE CONTROLS CONTRACTOR, OR PROVIDED WITH EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE MOUNTING AND ADDITIONAL CONNECTIONS REQUIRED FOR THESE LOOSE STARTERS AND CONTROLLERS.
   "VFD-_____" = VARIABLE FREQUENCY DRIVE CONTROLLER FURNISHED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE MOUNTING AND ADDITIONAL CONNECTIONS REQUIRED FOR LOOSE VFD CONTROLLERS FURNISHED BY THE MECHANICAL CONTRACTOR. REFER TO MECHANICAL PLANS FOR VFD LOCATION.
   "INT" = STARTER/CONTROLLER IS MANUFACTURED INTEGRAL TO THE EQUIPMENT.
   -LOCATE STARTER/CONTROLLER ADJACENT TO INDOOR EQUIPMENT - PROVIDE WITH STRUT MOUNTING AS REQUIRED.
   -WHERE STARTER SERVES OUTDOOR EQUIPMENT, LOCATE STARTER IN THE SOURCE ELECTRICAL ROOM.
D. "CONTROL TYPE" - PROVIDE CONTROL AND CONNECTIONS:
   "INT" = CONTROLS ARE MANUFACTURED INTEGRAL TO THE EQUIPMENT (SELF-CONTAINED).
   "CONT" = EQUIPMENT OPERATES CONTINUOUSLY (NO CONTROLS).
   "NONE" = EQUIPMENT OPERATES CONTINUOUSLY OR CONTROLS ARE SELF-CONTAINED.
   "DDC" = CONTROL SIGNAL FROM TEMPERATURE CONTROL SYSTEM PROVIDED BY MECHANICAL CONTRACTOR OR TEMPERATURE CONTROLS CONTRACTOR.
   "TIME SW" = CONTROL SIGNAL FROM TIME SWITCH PROVIDED BY ELECTRICAL CONTRACTOR. TIME SWITCH SHALL BE 7-DAY DIGITAL TYPE WITH AUTOMATIC DAYLIGHT SAVINGS ADJUSTMENTS AND BATTERY BACKUP. LOCATE TIMESWITCH IN NEAREST MECHANICAL OR ELECTRICAL UTILITY ROOM. LABEL TIME SWITCH. COORDINATE TIME SCHEDULE WITH OWNER AND MECHANICAL ENGINEER.
   "WALL SW" = CONTROL SIGNAL FROM WALL SWITCH PROVIDED BY ELECTRICAL CONTRACTOR. COORDINATE LOCATION OF WALL SWITCH WITH OWNER. LABEL WALL SWITCH.
   "FA STOP" = FANS WITH CFM OF 2000 OR GREATER AND FANS SERVING DUCTS CONTAINING SMOKE DAMPERS. FIRE ALARM SYSTEM SHALL SHUTDOWN FAN UPON DETECTION OF SMOKE IN DUCT OR ROOMS SERVED FROM THIS EQUIPMENT. PROVIDE WITH INDIVIDUAL ADDRESSABLE CONTROL MODULE AT MOTOR CONTROLLER/STARTER AND CONNECT TO SHUTDOWN FAN.
   "FA START" = FANS USED FOR SMOKE EVACUATION OR PRESSURIZATION. FIRE ALARM SYSTEM SHALL START FAN UPON DETECTION OF SMOKE IN DUCT OR ROOMS SERVED FROM THIS EQUIPMENT. PROVIDE WITH INDIVIDUAL ADDRESSABLE CONTROL MODULE AT MOTOR CONTROLLER/STARTER AND CONNECT TO START FAN.
   "DATA" = PROVIDE WITH DATA CONNECTION FROM NEAREST DATA NETWORK COMMUNICATIONS ROOM.
   "CONDUIT" = PROVIDE EMPTY 3/4" CONTROLS CONDUIT BETWEEN INDOOR AND OUTDOOR UNIT TO ACCOMMODATE CONTROL CABLING BY MECHANICAL OR TEMPERATURE CONTROLS CONTRACTOR.
E. "DISCONNECT" - PROVIDE DISCONNECT/RECEPTACLE AT EQUIPMENT LOCATION AND ASSOCIATED CONNECTION TO EQUIPMENT AND BRANCH CIRCUIT:
   "NEMA-_____" = DUPLEX (TYP) RECEPTACLE TO ACCOMMODATE CORD AND PLUG CONNECTION (CORD AND PLUG FURNISHED WITH EQUIPMENT UNLESS NOTED OTHERWISE)
   "RECSW" = PROVIDE 20A 120V RECEPTACLE OR 20A TOGGLE SWITCH DISCONNECT. COORDINATE REQUIRED SELECTION WITH EQUIPMENT.
   "NF" = NON-FUSED DISCONNECT. SIZE AND POLE QUANTITY AS INDICATED. 20/1 AND SMALLER SHALL BE TOGGLE SWITCH DISCONNECT.
   "F" = FUSED DISCONNECT. SIZE AND POLE QUANTITY AS INDICATED. FUSE PER MANUFACTURER'S RECOMMENDATIONS.
   "FUSTAT" = SWITCH AND FUSTAT. FUSE SIZE PER EQUIPMENT MANUFACTURER. LOCATE SWITCH IN CONCEALED ACCESSIBLE LOCATION.
   "ENCL CB" = ENCLOSED CIRCUIT BREAKER DISCONNECT. SIZE, POLE QUANTITY, AND FLUSH/SURFACE MOUNTING AS INDICATED.
   "ENCL MCSW" = ENCLOSED MOLDED CASE SWITCH DISCONNECT. SIZE, POLE QUANTITY, AND FLUSH/SURFACE MOUNTING AS INDICATED.
   "SHUNT ENCL CB" = SHUNT TRIP ENCLOSED CIRCUIT BREAKER DISCONNECT. SIZE, POLE QUANTITY, AND FLUSH/SURFACE MOUNTING AS INDICATED. PROVIDE WITH INTEGRAL 120V CONTRANSFORMER SERVED FROM LINE SOURCE WITH PRIMARY AND SECONDARY FUSING. COORDINATE ENCLOSURE AND COVER SIZE TO ACCOMMODATE TRANSFORMER. PROVIDE EQUIPMENT GROUND BAR AND SEPARATE INSULATED ISOLATED GROUND BAR. WHERE NEUTRAL CONDUCTOR IS UTILIZED, PROV

ELECTRICAL SUPPLEMENTAL SYMBOL LEGEND

PLAN SYMBOL	DEVICE	DEVICE MODEL NO.	ELEVATION	ROUGH-IN GANG QTY	BOX TYPE	BOX DEPTH	CONDUIT SIZE	CONDUIT STUB LOCATION	REMARKS (NOTE 1)
NC DOME	DOME LIGHT	352000	CEILING	1	RACO 695	3-1/2"	1"	CABLE TRAY	NOTE 1
	-PROVIDE ROUGH-IN WITH PULL STRING								
NC CONS	CONSOLE	351200	18"	1	RACO 695	3-1/2"	1"	CABLE TRAY	NOTE 1
	-PROVIDE ROUGH-IN WITH PULL STRING								
NC DUTY	DUTY STATION	353100	48"	3	RACO 697	3-1/2"	1"	CABLE TRAY	NOTE 1
	-PROVIDE ROUGH-IN WITH PULL STRING								
NC EQP	EQUIPMENT ALARM STATION	354018	NOTE 4	1	RACO 695	3-1/2"	1"	DOME LIGHT	NOTE 1
	-PROVIDE ROUGH-IN WITH PULL STRING								
NC ZONE	ZONE LIGHT	352000	CEILING	1	RACO 695	3-1/2"	1"	CABLE TRAY	NOTE 1
	-PROVIDE ROUGH-IN WITH PULL STRING								
NC STF	STAFF STATION	353101	48"	3	RACO 697	3-1/2"	1"	DOME LIGHT	NOTE 1
	-PROVIDE ROUGH-IN WITH PULL STRING								
NC PULL	PULL CORD	354001	NOTE 2	1	RACO 695	3-1/2"	1"	DOME LIGHT	NOTE 1
	-PROVIDE ROUGH-IN WITH PULL STRING								
NC APULL	PULL CORD - WITH AUDIO	354000	NOTE 2	1	RACO 695	3-1/2"	1"	DOME LIGHT	NOTE 1
	-PROVIDE ROUGH-IN WITH PULL STRING								
NC BUTTON	EMERGENCY BATH - DETENTION GRADE	HSS433	NOTE 2	1	RACO 674	PER MFG	1"	DOME LIGHT	--
	-PROVIDE ROUGH-IN WITH PULL STRING								
NC ABUTTON	EMERGENCY BATH W/ AUDIO - DETENTION	HSS400	NOTE 2	3	RACO 697	3-1/2"	1"	DOME LIGHT	--
	-PROVIDE ROUGH-IN WITH PULL STRING								
NC TERM-GX	STAFF TERMINAL - GRAPHIC DISPLAY	351300	48"	3	RACO 697	3-1/2"	1"	DOME LIGHT	--
	-PROVIDE ROUGH-IN WITH PULL STRING								
NC BED	BED INTERFACE PLUG	NCBED5	NOTE 4	1	PER MFG	PER MFG	1"	DOME LIGHT	--
	-PROVIDE ROUGH-IN WITH PULL STRING								
NC BSID-PLW	BEDSIDE STATION - PILLOW SPEAKER	353001	NOTE 4	3	RACO 697	3-1/2"	1"	DOME LIGHT	--
	-PROVIDE ROUGH-IN WITH PULL STRING								
NC LTG	NURSE CALL - LIGHTING INTERFACE	NCLV120	--	1	PER MFG	PER MFG	PER MFG	DOME LIGHT	--
	-PROVIDE BOX MOUNTED ABOVE CEILING WITH CONNECTION TO LIGHT FIXTURES PER MANUFACTURER.								
NC TV	NURSE CALL - TV INTERFACE	--	VARIES	1	PER MFG	PER MFG	1"	DOME LIGHT	--
	-PROVIDE ROUGH-IN WITH PULL STRING								
NC BSID-DET	BEDSIDE STATION - DETENTION GRADE	HSS400	NOTE 4	3	RACO 697	3-1/2"	1"	DOME LIGHT	--
	-PROVIDE ROUGH-IN WITH PULL STRING								
W	WALL PHONE	--	48"	1	4" SQ	2-1/8"	1"	ACCESSIBLE CEILING	SEE DETAIL 5 ON SHEET E-606
	-PROVIDE VOIP DATA CABLE/JACK AND WALL PHONE DEVICE PLATE.								
AV-ACT IN	AUDIO/VISUAL - "ACTIVITY" - INPUT JACK	--	18"	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-PROVIDE AUDIO INPUT WALL JACK PER SPECIFICATION.								
AV-ACT CONTROL	AUDIO/VISUAL - "ACTIVITY" - CONTROL STATION	--	48"	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-PROVIDE AUDIO CONTROL WALL STATION PER SPECIFICATION.								
AV-CH IN	AUDIO/VISUAL - "CHAPEL" - INPUT JACK	--	18"	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-PROVIDE AUDIO INPUT WALL JACK PER SPECIFICATION.								
AV-CH CONTROL	AUDIO/VISUAL - "CHAPEL" - CONTROL STATION	--	48"	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-PROVIDE AUDIO CONTROL WALL STATION.								
TV	TELEVISION	--	VARIES	1	4" SQ	2-1/8"	1"	ACCESSIBLE CEILING	SEE DETAIL 8 ON SHEET E-603
	-PROVIDE CATV CABLE.								
TV AV	TELEVISION - WITH AV CONNECTIVITY	--	VARIES	1	4" SQ	2-1/8"	1"	ACCESSIBLE CEILING	SEE DETAIL 7 ON SHEET E-603
	-PROVIDE CATV CABLE.								
S	SPEAKER - "GENERAL"	--	--	--	--	--	--	--	--
	- PUBLIC ADDRESS SPEAKER PER SPECIFICATION.								
X/X	VOICE/DATA OUTLET	--	VARIES	1	4" SQ	2-1/8"	1"	ACCESSIBLE CEILING	SEE DETAIL 5 ON SHEET E-606
	-PROVIDE VOICE AND DATA CABLES. QUANTITY AS INDICATED ON PLANS.								
WAP	WIRELESS ACCESS POINT	--	--	--	--	--	--	--	--
	-PROVIDE DATA CABLE AND CABLE-END CONNECTOR WITH 15' SLACK ABOVE CEILING AT THIS LOCATION. COORDINATE EXACT CABLE-END CONNECTOR WITH OWNER. OWNER WILL PROVIDE WIRELESS ACCESS POINT.								
REF	WIRELESS ACCESS POINT - REF MONITOR	--	--	--	--	--	--	--	--
	-PROVIDE DATA CABLE AND CABLE-END CONNECTOR WITH 15' SLACK ABOVE CEILING AT THIS LOCATION. COORDINATE EXACT CABLE-END CONNECTOR WITH OWNER. OWNER WILL PROVIDE WIRELESS ACCESS POINT.								
S	FIRE SMOKE DAMPER	--	--	--	--	--	--	--	SEE DETAIL 3 ON SHEET E-603
	-CIRCUIT FIRE SMOKE DAMPERS TO 20A 120V LIFE SAFETY BRANCH CIRCUITS IN LOCAL LIFE SAFETY BRANCH PANEL OF THE ASSOCIATED CONSTRUCTION PHASE. PROVIDE INDIVIDUAL CIRCUITS FOR EACH HANDLING UNIT ZONES. REFER TO MECHANICAL PLANS FOR ASSOCIATED ZONES.								
SC	SMOKE CURTAIN	--	--	--	--	--	--	--	
	-CIRCUIT SMOKE CURTAINS TO 20A 120V LIFE SAFETY BRANCH CIRCUITS IN LOCAL LIFE SAFETY BRANCH PANEL OF THE ASSOCIATED CONSTRUCTION PHASE. TWO SMOKE CURTAINS MAY SHARE A SINGLE CIRCUIT. PROVIDE FIRE ALARM CONTROL MODULE TO OPERATE SMOKE CURTAIN UPON DETECTION OF SMOKE. INSTALL AND CONNECT SMOKE CURTAIN CONTROL ACCESSORIES FURNISHED WITH THE SYSTEM. COORDINATE WITH MANUFACTURER'S REQUIREMENTS.								

ELECTRICAL SUPPLEMENTAL SYMBOL LEGEND

PLAN SYMBOL	DEVICE	DEVICE MODEL NO.	ELEVATION	ROUGH-IN GANG QTY	BOX TYPE	BOX DEPTH	CONDUIT SIZE	CONDUIT STUB LOCATION	REMARKS (NOTE 1)
DO	DOOR OPENER	--	--	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-PROVIDE 120V CONNECTION INDICATED AND INSTALL ASSOCIATED PUSH PLATES FURNISHED WITH OPERATOR. COORDINATE EXACT LOCATION OF PUSH PLATES WITH ARCHITECT AND INTERLOCK TO OPERATE ASSOCIATED DOOR OPERATOR. INCLUDE INTERLOCKS WITH OTHER DOOR CONTROL COMPONENTS INCLUDING BUT NOT LIMITED TO: ELECTRONIC STRIKES, MOTION SAFETY CONTROLS, CARD ACCESS CONTROL, KEY SWITCH, AND POWER SUPPLY. PUSH PLATES MAY REQUIRE LOCATIONS REMOTE FROM THE DOOR TO ALLOW FOR OPERATION WHILE SIMULTANEOUSLY TRANSPORTING A PATIENT BED. MULTIPLE PUSH PLATES WILL BE REQUIRED WHERE APPROACH TO SAME SIDE OF DOOR IS FROM MULTIPLE DIRECTIONS. WHERE DOOR IS ALSO SPECIFIED/SHOWN TO UTILIZE ACCESS CONTROL, PROVIDE INTERLOCK TO ALLOW AUTOMATIC DOOR OPENING FROM THE ACCESS CONTROL SYSTEM UPON SUCCESSFUL CARD READ.								
AC PER	PERIMETER ACCESS CONTROLLED DOOR	--	--	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-PROVIDE CARD READER AT EACH SIDE OF DOOR OPENING (CARD READ IN, CARD READ OUT). COORDINATE EXACT LOCATION OF CARD READER WITH ARCHITECT. COORDINATE LOCATION WITH OTHER CONTROLS ASSOCIATED WITH THE SAME DOOR (DOOR OPERATOR PLATES, WANDER PREVENTION SYSTEM KEYPAD, NURSE CALL CANCEL STATION, VIDEO INTERCOM STATION, ETC). INTEGRATE ACCESS CONTROL SYSTEM WITH DOOR HARDWARE. REFER TO ACCESS CONTROL AND ARCHITECTURAL DOOR HARDWARE SPECIFICATIONS FOR COORDINATION OF FEATURES, DEVICES, AND CONNECTIONS REQUIRED. POWER DOOR CONTROLLER FROM 120V EQUIPMENT BRANCH CIRCUIT INDICATED. PROVIDE ADDRESSABLE FIRE ALARM SYSTEM CONNECTION FOR DOOR RELEASE UPON ALARM.								
AC INT	INTERIOR ACCESS CONTROLLED DOOR	--	--	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-PROVIDE CARD READER AT CORRIDOR SIDE OF DOOR OPENING (CARD READ FROM CORRIDOR TO SPACE, FREE EGRESS FROM SPACE TO CORRIDOR). COORDINATE EXACT LOCATION OF CARD READER WITH ARCHITECT. COORDINATE LOCATION WITH OTHER CONTROLS ASSOCIATED WITH THE SAME DOOR (DOOR OPERATOR PLATES, ETC). INTEGRATE ACCESS CONTROL SYSTEM WITH DOOR HARDWARE. REFER TO ACCESS CONTROL AND ARCHITECTURAL DOOR HARDWARE SPECIFICATIONS FOR COORDINATION OF FEATURES, DEVICES, AND CONNECTIONS REQUIRED. POWER DOOR CONTROLLER FROM 120V EQUIPMENT BRANCH CIRCUIT INDICATED.								
AC POSO	POSITION ONLY ACCESS CONTROLLED DOOR	--	--	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-PROVIDE DOOR POSITION SWITCH MONITORED FROM ACCESS CONTROL SYSTEM. INTEGRATE ACCESS CONTROL SYSTEM WITH DOOR HARDWARE. REFER TO ACCESS CONTROL AND ARCHITECTURAL DOOR HARDWARE SPECIFICATIONS FOR COORDINATION OF FEATURES, DEVICES, AND CONNECTIONS REQUIRED. POWER DOOR CONTROLLER FROM 120V EQUIPMENT BRANCH CIRCUIT INDICATED.								
AC ELEV	ELEVATOR ACCESS CONTROL	--	--	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-PROVIDE CARD READER AT LOBBY AND WITHIN EACH ELEVATOR CAB. COORDINATE INSTALLATION AND CABLING REQUIREMENTS (INCLUDING TRAVELING CABLE) WITH NEW AND EXISTING ELEVATOR MANUFACTURERS. COORDINATE PROGRAMMING SEQUENCE WITH OWNER AND ELEVATOR MANUFACTURE AND CONNECT TO ACTIVATE ACCESS TO DESIGNATED FLOORS. COORDINATE EXACT LOCATION OF CARD READER WITH ARCHITECT. COORDINATE LOCATION WITH OTHER DEVICES ASSOCIATED WITH THE ELEVATOR (CALL STATIONS, ETC). INTEGRATE ACCESS CONTROL SYSTEM WITH ELEVATOR CONTROLS. REFER TO ACCESS CONTROL AND ARCHITECTURAL ELEVATOR SPECIFICATIONS FOR COORDINATION OF FEATURES, DEVICES, AND CONNECTIONS REQUIRED. POWER DOOR CONTROLLER FROM 120V EQUIPMENT BRANCH CIRCUIT INDICATED.								
AC DELAY	DELAY ONLY ACCESS CONTROL DOOR	--	--	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-NO CARD READER. DELAYED EGRESS ONLY. INTEGRATE ACCESS CONTROL SYSTEM WITH DOOR HARDWARE. REFER TO ACCESS CONTROL AND ARCHITECTURAL DOOR HARDWARE SPECIFICATIONS FOR COORDINATION OF FEATURES, DEVICES, AND CONNECTIONS REQUIRED. POWER DOOR CONTROLLER FROM 120V EQUIPMENT BRANCH CIRCUIT INDICATED. PROVIDE ADDRESSABLE FIRE ALARM SYSTEM CONNECTION FOR DOOR RELEASE UPON ALARM.								
WP CONS	WANDER PREVENTION CONSOLE	--	--	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-PROVIDE WANDER MANAGEMENT / INFANT SECURITY CONSOLE.								
WP ELEV	ELEVATOR WANDER PREVENTION	--	--	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-PROVIDE WANDER PREVENTION SENSING AND CONTROL OF ELEVATOR CAB. INCLUDE WALL MOUNTED ANTENNAS WITHIN CAB AND KEYPAD WITH INTEGRAL ANNUNCIATOR AND OTHER DEVICES REQUIRED PER SPECIFICATION. COORDINATE EXACT LOCATION OF DEVICES WITH ELEVATOR. INTEGRATE WANDER PREVENTION WITH ELEVATOR CONTROLS. REFER TO WANDER PREVENTION SPECIFICATIONS FOR COORDINATION OF FEATURES, DEVICES, AND CONNECTIONS REQUIRED. POWER DEVICES WITH LOW VOLTAGE SOURCE FROM WANDER PREVENTION CONTROLLERS LOCATED IN ASSOCIATED ELECTRICAL ROOM.								
WP PER	PERIMETER WANDER PREVENTION DOOR	--	--	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-PROVIDE WANDER PREVENTION SENSING AND CONTROL OF DOOR. INCLUDE WALL MOUNTED ANTENNAS AT BOTH SIDES OF DOOR, KEYPAD WITH INTEGRAL ALARM ANNUNCIATOR, DOOR POSITION SWITCH, MAG LOCK, AND OTHER DEVICES AS REQUIRED PER SPECIFICATION. COORDINATE EXACT LOCATION OF SENSORS AND KEYPAD WITH ARCHITECT. COORDINATE LOCATION WITH OTHER CONTROLS ASSOCIATED WITH THE SAME DOOR (DOOR OPERATOR PLATES, CARD READER, NURSE CALL CANCEL STATION, ETC). INTEGRATE WANDER PREVENTION WITH DOOR HARDWARE. REFER TO WANDER PREVENTION, ACCESS CONTROL, AND ARCHITECTURAL DOOR HARDWARE SPECIFICATIONS FOR COORDINATION OF FEATURES, DEVICES, AND CONNECTIONS REQUIRED. POWER DOOR DEVICES WITH LOW VOLTAGE SOURCE FROM WANDER PREVENTION CONTROLLERS LOCATED IN ASSOCIATED ELECTRICAL ROOM. INCLUDE ROUGH-IN FOR NURSE CALL CANCEL STATION. NURSE CALL CANCEL STATION PROVIDED BY ELECTRONIC SOUND UNDER SEPARATE DIRECT CONTRACT WITH THE OWNER. INTERLOCK WITH NURSE CALL SYSTEM TO PROVIDE NURSE CALL ALERT UPON ALARM.								
AC DR	ACESS CONTROL DOOR RELEASE	--	--	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-PROVIDE DOOR RELEASE PUSH BUTTON LOCATED UNDER DESK. CONNECT TO ACESS CONTROL SYSTEM TO PROVIDE DOOR RELEASE UPON ACTIVATION OF BUTTON.								
IC VSTA	VIDEO INTERCOM STATION	AIPHONE JK-DVF	48"	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-PROVIDE VIDEO INTERCOM WALL STATION. AIPHONE MODEL AS INDICATED. INCLUDE CABLING AND 120V BRANCH CIRCUIT CONNECTIONS PER MANUFACTURER. SUBMIT SHOP DRAWINGS FOR APPROVAL. COORDINATE EXACT LOCATION OF STATION WITH ARCHITECT. COORDINATE LOCATION WITH OTHER CONTROLS ASSOCIATED WITH THE SAME DOOR (DOOR OPERATOR PLATES, CARD READER, ETC). INTEGRATE DOOR RELEASE WITH DOOR HARDWARE. REFER TO ACCESS CONTROL, AND ARCHITECTURAL DOOR HARDWARE SPECIFICATIONS FOR COORDINATION OF FEATURES, DEVICES, AND CONNECTIONS REQUIRED.								
IC VCONS	VIDEO INTERCOM CONSOL	AIPHONE JK-1MED	18"	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-PROVIDE VIDEO INTERCOM DESK CONSOLE. AIPHONE MODEL AS INDICATED. INCLUDE CABLING AND 120V BRANCH CIRCUIT CONNECTIONS PER MANUFACTURER. SUBMIT SHOP DRAWINGS FOR APPROVAL. INTEGRATE DOOR RELEASE WITH DOOR HARDWARE. REFER TO ACCESS CONTROL, AND ARCHITECTURAL DOOR HARDWARE SPECIFICATIONS FOR COORDINATION OF FEATURES, DEVICES, AND CONNECTIONS REQUIRED.								
	SURVEILLANCE CAMERA	--	--	--	--	--	--	--	--
	-PROVIDE DATA CABLE AND CABLE-END CONNECTOR WITH 15' SLACK ABOVE CEILING AT THIS LOCATION. COORDINATE EXACT CABLE-END CONNECTOR WITH OWNER. INTEGRATED SYSTEMS GROUP WILL PROVIDE CAMERAS UNDER SEPARATE DIRECT CONTRACT WITH OWNER.								
EXT	SURVEILLANCE CAMERA (EXTERIOR)	--	--	--	--	--	--	--	--
	-PROVIDE DATA CABLE AND CABLE-END CONNECTOR WITH 15' SLACK ABOVE CEILING AT THIS LOCATION. COORDINATE EXACT CABLE-END CONNECTOR WITH OWNER. INTEGRATED SYSTEMS GROUP WILL PROVIDE CAMERAS UNDER SEPARATE DIRECT CONTRACT WITH OWNER.								
SA PANIC	SECURITY ALARM - PANIC BUTTON	--	18"	1	4" SQ	2-1/8"	3/4"	ACCESSIBLE CEILING	--
	-PROVIDE PLUNGER STYLE PUSH BUTTON (MODEL: AMSECO HUSK-20). LOCATE IN CONCEALED ACCESSIBLE LOCATION BELOW DESK FOR PANIC USE. ROUTE CABLE TO DEVICE BOX AND USE GROMMETED BLANK DEVICE PLATE. CABLE SHALL ROUTE TO HOSPITAL PANIC ALARM INTERFACE LOCATED IN EMERGENCY DEPARTMENT DATA ROOM 1079. REFER TO SHEET E-201A/B FOR LOCATION. CABLE SHALL BE PLENUM RATED SINGLE PAIR #18 AWG. COORDINATE CABLE COLOR CODE - AVOID DUPLICATION OF OTHER SYSTEM CABLE COLORS.								
P	WIRELESS ACCESS POINT-PHILIPS TELEMETRY	--	--	--	--	--	--	--	--
	-PROVIDE ORANGE, PLENUM RATED CATEGORY 6A CABLE FROM LOCATION INDICATED ON PLANS TO NEAREST PHILIPS TELEMETRY RACK LOCATED IN ELECTRICAL ROOMS 3069 AND 4067. PROVIDE CABLE-END CONNECTOR WITH 15' SLACK ABOVE CEILING AT THIS LOCATION. QUANTITY AS INDICATED ON PLANS. COORDINATE EXACT CABLE-END CONNECTOR WITH OWNER. OWNER WILL PROVIDE WIRELESS ACCESS POINT.								
MON	MONITOR OUTLET, PHILIPS TELEMETRY	--	VARIES	1	4" SQ	2-1/8"	1"	ACCESSIBLE CEILING	SEE DETAIL 5 ON SHEET E-606
	-PROVIDE ORANGE, PLENUM RATED CATEGORY 6A CABLE FROM LOCATION INDICATED ON PLANS TO NEAREST PHILIPS TELEMETRY RACK LOCATED IN ELECTRICAL ROOMS 3069 AND 4067. QUANTITY AS INDICATED ON PLANS.								
P	DISPLAY OUTLET, PHILIPS TELEMETRY	--	VARIES	1	4" SQ	2-1/8"	1"	ACCESSIBLE CEILING	SEE DETAIL 5 ON SHEET E-606
	-PROVIDE ORANGE, PLENUM RATED CATEGORY 6A CABLE FROM LOCATION INDICATED ON PLANS TO NEAREST PHILIPS TELEMETRY RACK LOCATED IN ELECTRICAL ROOMS 3069 AND 4067. QUANTITY AS INDICATED ON PLANS.								
HD	HARD WIRED PLUMBING	--	COORD.	PER MFG	PER MFG	PER MFG	PER MFG	PER MFG	--
	-COORDINATE DEVICE LOCATION AND RATING WITH PLUMBING FIXTURES BEING POWERED. REFER TO DETAIL 6 ON SHEET E-603.								
EICU AV SERVER EICU	EICU AV SERVER	--	NOTE 4	1	4" SQ	2-1/8"	(2) 1"	ACCESSIBLE CEILING	--
	-IN ADDITION TO DATA OUTLET AND POWER RECEPTACLE SHOWN, PROVIDE EICU CABLING OUTLET FOR CABLING FROM EICU AV SERVER AT THIS LOCATION TO INDIVIDUAL EICU COMPONENTS SHOWN THROUGHOUT THE ROOM. PROVIDE CABLE AS INDICATED AND JACK WITHIN OUTLET AT BOTH ENDS. EICU EQUIPMENT AND ASSOCIATED PATCH CABLES AT EQUIPMENT ARE PROVIDED BY OWNER. REFER TO INDIVIDUAL EICU COMPONENT CABLING REQUIREMENTS FOR COMBINED REQUIREMENTS AT EICU AV SERVER LOCATION. OUTLET AT THIS LOCATION WILL REQUIRE FIVE (5) JACKS TO ACCOMMODATE EICU COMPONENT CABLES.								
EICU DISPLAY C	EICU DISPLAY	--	CEILING	1	4" SQ	2-1/8"	1"	ACCESSIBLE CEILING	--
	-IN ADDITION TO POWER RECEPTACLE SHOWN, PROVIDE EICU CABLING OUTLET. AT OUTLET, PROVIDE ONE (1) CAT6A DATA CABLE FROM THE EICU DISPLAY TO THE EICU AV SERVER.								
EICU CAM C	EICU CAM	--	CEILING	1	4" SQ	2-1/8"	1"	ACCESSIBLE CEILING	--
	-IN ADDITION TO POWER RECEPTACLE SHOWN, PROVIDE EICU CABLING OUTLET. AT OUTLET, PROVIDE ONE (1) CAT6A DATA CABLE FROM THE EICU CAMERA TO THE EICU AV SERVER.								
EICU BUTTON	EICU BUTTON	--	COORD	1	4" SQ	2-1/8"	1"	ACCESSIBLE CEILING	--
	-PROVIDE EICU CABLING OUTLET. AT OUTLET, PROVIDE ONE (1) CAT6A DATA CABLE FROM THE EICU BUTTON TO THE EICU AV SERVER. OWNER WILL PROVIDE WALL DEVICE AT THIS LOCATION.								
EICU MIC C	EICU MICROPHONE	--	--	--	--	--	--	--	--
	-PROVIDE EICU CABLING OUTLET. LOCATE OUTLET ABOVE CEILING. AT OUTLET, PROVIDE ONE (1) CAT6A DATA CABLE FROM THE EICU MICROPHONE TO THE EICU AV SERVER.								
EICU SPEAKER	EICU SPEAKER	--	COORD	1	4" SQ	2-1/8"	1"	ACCESSIBLE CEILING	--
	PROVIDE EICU CABLING OUTLET. AT OUTLET, PROVIDE ONE (1) CAT6A DATA CABLE FROM THE EICU BUTTON TO THE EICU AV SERVER. OWNER WILL PROVIDE WALL DEVICE AT THIS LOCATION. OWNER WILL PROVIDE WALL DEVICE AT THIS LOCATION.								

NOTES:

NOTE 1: PROVIDE NURSE CALL DEVICE ROUGH-INS PER THE FOLLOWING SCHEDULE. COORDINATE MOUNTING DEPTH (OR PLASTER RING WHERE APPLICABLE) TO ACCOMMODATE WALL FINISH. PROVIDE CONDUIT STUBBED FROM BOX TO ASSOCIATED NURSE CALL CORRIDOR LIGHT. WHERE AN ASSOCIATED NURSE CALL CORRIDOR LIGHT IS NOT AVAILABLE, STUB CONDUIT TO NEAREST CABLE TRAY. PROVIDE DEVICE BOX WITH BACK-SIDE SUPPORT. ROUGH-INS SHALL NOT BE MOUNTED BACK-TO-BACK AND SHALL NOT SHARE CONDUITS, UNLESS SPECIFICALLY NOTED OR APPROVED BY THE MANUFACTURER. ROUTE CONDUITS CONCEALED IN FLOORS, WALLS, AND CEILINGS. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR EXACT DEVICE MOUNTING LOCATIONS. WHERE DEVICES ARE NOT SHOWN IN ELEVATION, SEEK CLARIFICATION FROM ARCHITECT. PROVIDE MOCK-UPS WHERE REQUESTED. SPAN WALL STUDS WITH BRACKETS WHERE REQUIRED TO ACCOMMODATE DEVICE PLACEMENT. NURSE CALL DEVICES AND CABLING BEING PROVIDED BY ELECTRONIC SOUND UNDER SEPARATE DIRECT CONTRACT WITH THE OWNER.

NOTE 2: AT TOILETS, LOCATE BETWEEN 36" AND 48" AFF WITHIN 12" OF THE FRONT OF THE TOILET BOWL. AT SHOWERS, LOCATE BETWEEN 60" AND 72" AFF WITHIN REACH OF STAFF WITHOUT STEPPING INTO THE SHOWER. COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECT AND ARCHITECTURAL FINISHES/HARDWARE.

NOTE 3: AT LIGHTING POLES, COORDINATE MOUNTING REQUIREMENTS WITH LIGHTING POLE MANUFACTURER PRIOR TO POLE FABRICATION TO ALLOW INTEGRAL MOUNTING ON POLE.

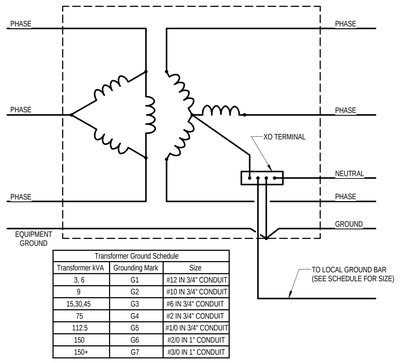
NOTE 4: DEVICE LOCATED AT PATIENT HEADWALL. COORDINATE EXACT LOCATION WITH ARCHITECT AND ARCHITECTURAL DETAILS.

TELECOM SUPPLEMENTAL SYMBOLS

SYMBOL	DESCRIPTION
WALL SLEEVE DESIGNATION A1	WALL COMMUNICATIONS FIRE RATED PATHWAY: PROVIDE "EZ-PATH" FIRE RATED PATHWAY THROUGH WALL ABOVE CEILING. INSTALL PER MANUFACTURERS RECOMMENDATIONS. SLEEVE DESIGNATIONS PER PLANS. PROVIDE SLEEVES AS FOLLOWS. (A1) - CATALOG NO. EZDP133CWK, (1-3"x3" PATHWAY) (A2) - CATALOG NO. EZDP233GK. (2-3"x3" PATHWAY) (A3) - CATALOG NO. EZDP333GK. (3-3"x3" PATHWAY) (A4) - CATALOG NO. EZDP433GK. (4-3"x3" PATHWAY) (A5) - (1) CATALOG NO. EZDP233GK. AND (1) CATALOG NO. EZDP333GK. (5-3"x3" PATHWAY) (STACKED) (A6) - (2) CATALOG NO. EZDP333GK. (6-3"x3" PATHWAY) (STACKED) (A7) - CATALOG NO. EZDP733GK. (7-3"x3" PATHWAY) (A8) - (2) CATALOG NO. EZDP433GK. (8-3"x3" PATHWAY) (STACKED) (B1) - CATALOG NO. EZD22. (1-2"x2" PATHWAY) (C1) - CATALOG NO. EZDP44. (1-4"x4" PATHWAY) (C2) - (2) CATALOG NO. EZDP44 & (1)-EZP544W. (2-4"x4" PATHWAY) (C3) - (3) CATALOG NO. EZDP44. & (1)-EZP544W. (3-4"x4" PATHWAY) (C4) - (4) CATALOG NO. EZDP44. & (1)-EZP544W. (4-4"x4" PATHWAY) (C5) - (5) CATALOG NO. EZDP44. & (1)-EZP544W. (5-4"x4" PATHWAY) (C5) - (6) CATALOG NO. EZDP44. & (1)-EZP544W. (6-4"x4" PATHWAY)
FLOOR SLEEVE DESIGNATION F1	FLOOR COMMUNICATIONS FIRE RATED PATHWAY: PROVIDE "EZ-PATH" FIRE RATED PATHWAY THROUGH FLOOR. INSTALL PER MANUFACTURERS RECOMMENDATIONS. SLEEVE DESIGNATIONS PER PLANS. PROVIDE SLEEVES AS FOLLOWS: (F1) - CATALOG NO. EZDP144FK, (1-4"x4" PATHWAY). (F2) - PROVIDE EZ-PATH GRID SYSTEM CATALOG NO. EZDG444 AND (1) PATHWAY MODULE CATALOG NO. EZD444MB. (4-4"x4" PATHWAYS). (F3) - PROVIDE EZ-PATH GRID SYSTEM CATALOG NO. EZG844 AND (1) PATHWAY MODULE CATALOG NO. EZD444MB. (4-4"x4" PATHWAYS AND 4-4"x4" SPACES) (F4) - PROVIDE EZ-PATH GRID SYSTEM CATALOG NO. EZG844 AND (2) PATHWAY MODULES CATALOG NO. EZD444MB. (8-4"x4" PATHWAYS) (F5) - PROVIDE EZ-PATH GRID SYSTEM CATALOG NO. EZG1644 AND (2) PATHWAY MODULES CATALOG NO. EZD444MB. (8-4"x4" PATHWAYS AND 8-4"x4" SPACES) (F6) - PROVIDE EZ-PATH GRID SYSTEM CATALOG NO. EZG1644 AND (3) PATHWAY MODULES CATALOG NO. EZD444MB. (12-4"x4" PATHWAYS AND 4-4"x4" SPACES) (F7) - PROVIDE EZ-PATH GRID SYSTEM CATALOG NO. EZG1644 AND (4) PATHWAY MODULES CATALOG NO. EZD444MB. (16-4"x4" PATHWAYS)
EXAMPLE CS CSS	CABLE SPILLWAY: PROVIDE CABLE SPILLWAY "EZ-PATH" CATALOG NO. RCM33 AT FIRE RATED PATHWAYS INDICATED WITH A SUBSCRPT 'S'. PROVIDE (1) SPILLWAY PER SLEEVE. VERIFY QUANTITIES PER PLAN.
EXAMPLE CS CSE	EXTENSION MODULE: PROVIDE EXTENSION MODULE "EZ-PATH" CATALOG NO. EZD33E AT FIRE RATED PATHWAYS INDICATED WITH A SUBSCRPT 'E'. PROVIDE (1) EXTENSION MODULE PER SLEEVE. VERIFY QUANTITIES PER PLAN. WHERE FIRE RATED PATHWAY IS INDICATED WITH (2) 'E', PROVIDE (1) EXTENSION MODULES ON EACH END.
	TELECOMMUNICATIONS RACK

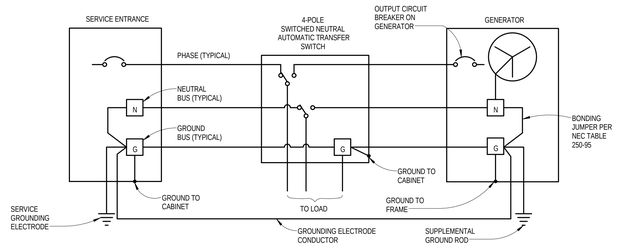
OPERATING ROOM VIDEO INTEGRATION RACEWAY REQUIREMENTS

PLAN SYMBOL	DEVICE	ELEVATION	ROUGH-IN GANG QTY	BOX SIZE	BOX DEPTH	RACEWAY SIZE TO RACK	REMARKS (NOTE 1)
VID	BOX FOR VIDEO INTEGRATION RACK	44"	N/A	12" SQ	4"	N/A	--
	-PROVIDE 1" CONDUIT STUB UP TO ABOVE ACCESSIBLE CEILING FOR FUTURE NETWORK CONNECTION. SUPPORT FOR RACK SHALL BE DESIGNED TO SUPPORT A LOAD OF 400 LBS.						
a	PLASMA SCREEN	80"	1	4" SQ	2"	1"	--
	-COORDINATE LOCATION WITH RECEPTACLE PROVIDING 120V POWER TO DEVICE.						
b	SPEAKER/WALL CAMERA	80"	1	4" SQ	2"	1.25"	--
	-COORDINATE LOCATION WITH RECEPTACLE PROVIDING 120V POWER TO DEVICE.						
c	LIGHT CAMERA CONTROL	44"	1	4" SQ	2"	1"	--
	-LOCATE ABOVE NURSE DOCUMENTATION STATION DESK TOP.						
d	SURGICAL LIGHT/FLATSCREEN MONITOR	CEILING	N/A	EQUIP MOUNT	EQUIP MOUNT	1.25"	--
	-RACEWAY TO BE TERMINATED TO EQUIPMENT MOUNT.						
f	EQUIPMENT BOOM	CEILING	N/A	EQUIP MOUNT	EQUIP MOUNT	2"	--
	-RACEWAY TO BE TER

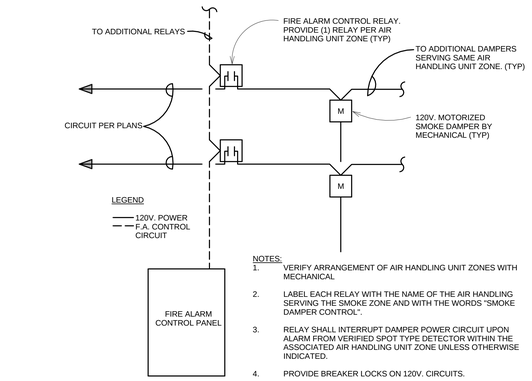


Transformer Ground Schedule		
Transformer kVA	Grounding Mark	Size
3, 6	G1	#12 IN 3/4" CONDUIT
9	G2	#10 IN 3/4" CONDUIT
15,30,45	G3	#6 IN 3/4" CONDUIT
75	G4	#2 IN 3/4" CONDUIT
112.5	G5	#1/0 IN 3/4" CONDUIT
150	G6	#2/0 IN 1" CONDUIT
150+	G7	#3/0 IN 1" CONDUIT

1 Dry-Type Transformer Grounding Detail
NOT TO SCALE



2 Generator Grounding With 4-Pole A.T.S.
1/8" = 1'-0"

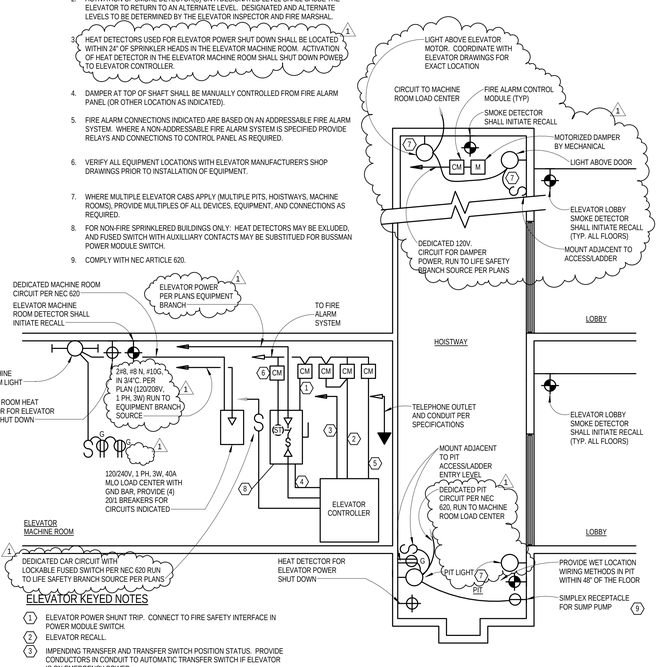


NOTES:
1. VERIFY ARRANGEMENT OF AIR HANDLING UNIT ZONES WITH MECHANICAL
2. LABEL EACH RELAY WITH THE NAME OF THE AIR HANDLING SERVING THE SMOKE ZONE AND WITH THE WORDS "SMOKE DAMPER CONTROL".
3. RELAY SHALL INTERRUPT DAMPER POWER CIRCUIT UPON ALARM FROM VERIFIED SPOT TYPE DETECTOR WITHIN THE ASSOCIATED AIR HANDLING UNIT ZONE UNLESS OTHERWISE INDICATED.
4. PROVIDE BREAKER LOCKS ON 120V. CIRCUITS.

3 Smoke Damper Connection
NOT TO SCALE

ELEVATOR GENERAL NOTES

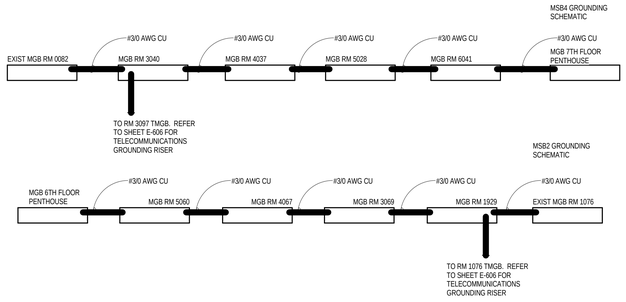
1. SMOKE DETECTORS SHALL BE INSTALLED AT EACH ELEVATOR LOBBY AT EACH LANDING, ASSOCIATED ELEVATOR MACHINE ROOM, AND HOISTWAY IN ACCORDANCE WITH NFPA 72 CHAPTER 4. ACTIVATION OF ANY OF THESE SMOKE DETECTORS SHALL INITIATE ELEVATOR RECALL.
2. ACTIVATION OF SMOKE DETECTOR(S) ON A DESIGNATED LEVEL SHALL CAUSE THE ELEVATOR TO RETURN TO AN ALTERNATE LEVEL. DESIGNATED AND ALTERNATE LEVELS TO BE DETERMINED BY THE ELEVATOR INSPECTOR AND FIRE MARSHAL.
3. HEAT DETECTORS USED FOR ELEVATOR POWER SHUT DOWN SHALL BE LOCATED WITHIN 24" OF SPRINKLER HEADS IN THE ELEVATOR MACHINE ROOM. ACTIVATION OF HEAT DETECTOR IN THE ELEVATOR MACHINE ROOM SHALL SHUT DOWN POWER TO ELEVATOR CONTROLLER.
4. DAMPER AT TOP OF SHAFT SHALL BE MANUALLY CONTROLLED FROM FIRE ALARM PANEL (OR OTHER LOCATION AS INDICATED).
5. FIRE ALARM CONNECTION INDICATED ARE BASED ON AN ADDRESSABLE FIRE ALARM SYSTEM. WHERE A NON-ADDRESSABLE FIRE ALARM SYSTEM IS SPECIFIED PROVIDE RELAYS AND CONNECTIONS TO CONTROL PANEL AS REQUIRED.
6. VERIFY ALL EQUIPMENT LOCATIONS WITH ELEVATOR MANUFACTURER'S SHOP DRAWINGS PRIOR TO INSTALLATION OF EQUIPMENT.
7. WHERE MULTIPLE ELEVATOR CABS APPLY (MULTIPLE PITS, HOISTWAYS, MACHINE ROOMS), PROVIDE MULTIPLES OF ALL DEVICES, EQUIPMENT, AND CONNECTIONS AS REQUIRED.
8. FOR NON-FIRE SPRINKLERED BUILDINGS ONLY: HEAT DETECTORS MAY BE EXLUDED, AND FUSED SWITCH WITH AUXILLIARY CONTACTS MAY BE SUBSTITUED FOR BUSSMAN POWER MODULE SWITCH.
9. COMPLY WITH NEC ARTICLE 620.



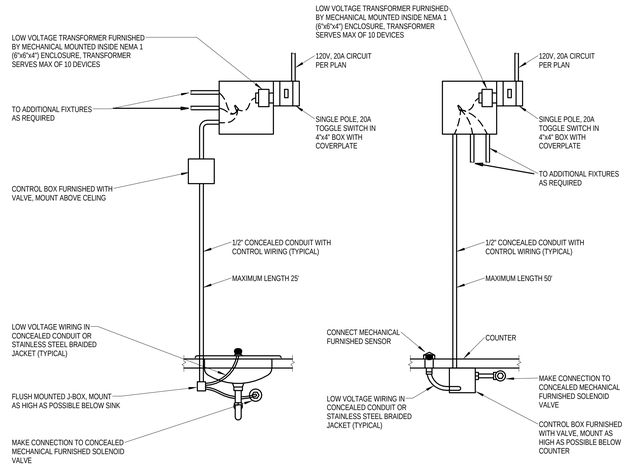
ELEVATOR KEYED NOTES

1. ELEVATOR POWER SHUNT TRIP. CONNECT TO FIRE SAFETY INTERFACE IN POWER MODULE SWITCH.
2. ELEVATOR RECALL.
3. IMPENDING TRANSFER AND TRANSFER SWITCH POSITION STATUS. PROVIDE CONDUCTORS IN CONDUIT TO AUTOMATIC TRANSFER SWITCH IF ELEVATOR IS ON EMERGENCY POWER.
4. AUTOMATIC LOWERING. CONNECT TO AUXILIARY CONTACTS IN POWER MODULE SWITCH IF ELEVATOR IS PROVIDED WITH AUTOMATIC LOWERING FEATURE.
5. ELEVATOR CAB VISUAL INDICATOR CONTROL.
6. SHUNT TRIP POWER SOURCE MONITORING MODULE.
7. ELEVATOR LIGHT. PROVIDE LITHONIA FEM4 LED 4L/35 IMAFL OR EQUIVALENT.
8. BUSSMAN POWER MODULE SWITCH. MODIFY AS NEEDED TO MEET OR EXCEED OVERCURRENT DEVICE SERVING ELEVATOR. PROVIDE WITH CONTROL POWER TRANSFORMER, FIRE SAFETY INTERFACE RELAY, AND AUXILIARY CONTACTS (1 SET). PROVIDE CLASS J FUSES SIZED PER ELEVATOR MANUFACTURER'S RECOMMENDATIONS.
9. MOUNT RECEPTACLE IN SUMP PIT ABOVE PUMP MAXIMUM FILL LEVEL AND WITHIN 8'-0" PUMP CORD LENGTH. PROVIDE ONE CONDUIT FROM OIL-MINDER CONTROL BOX IN ELEVATOR MACHINE ROOM TO PUMP RECEPTACLE. SIZE CONDUIT FOR PROVIDED MULTIPIN CONNECTOR AND CABLE FROM PUMP. PROVIDE PUMP ALARM SIGNAL TO FIRE ALARM CONTROL PANEL AS A TROUBLE ALARM.

4 Elevator Sprinklered Building
1/8" = 1'-0"



5 Grounding Schematic
NOT TO SCALE

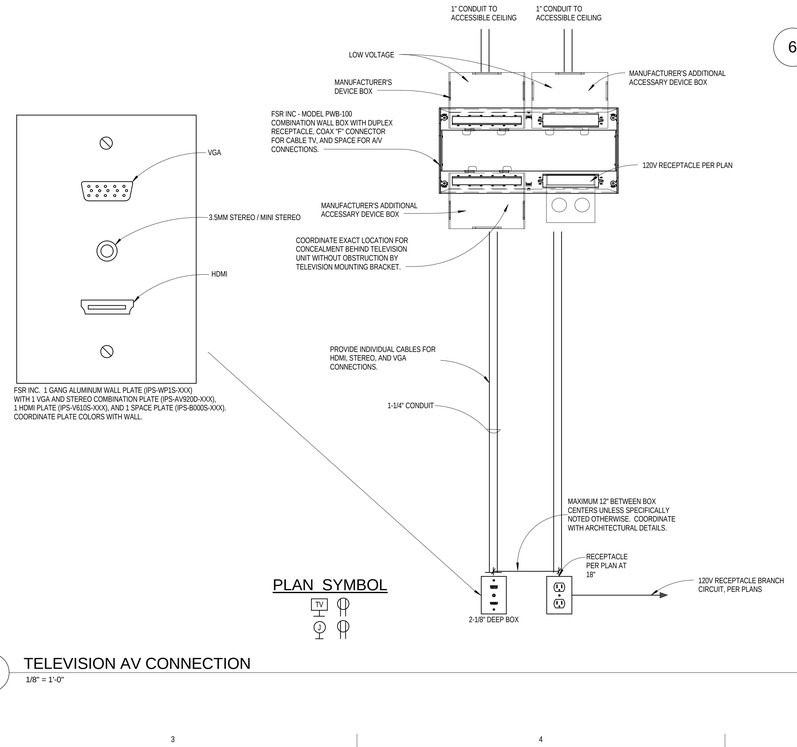


TYPICAL SPOUT MOUNTED SENSOR

TYPICAL DECK MOUNTED SENSOR

NOTES:
1. COORDINATE MOUNTING HEIGHTS AND INSTALLATION REQUIREMENTS WITH MECHANICAL CONTRACTOR.
2. MAKE FINAL CONNECTIONS TO ASSOCIATED DEVICES.
3. PLUG STYLE TRANSFORMERS: IF FURNISHED TRANSFORMER REQUIRES RECEPTACLE CONNECTION IN LIEU OF HARDWIRED CONNECTION, PROVIDE DUPLEX RECEPTACLE SURFACE MOUNTS WITHIN THE ENCLOSURE.

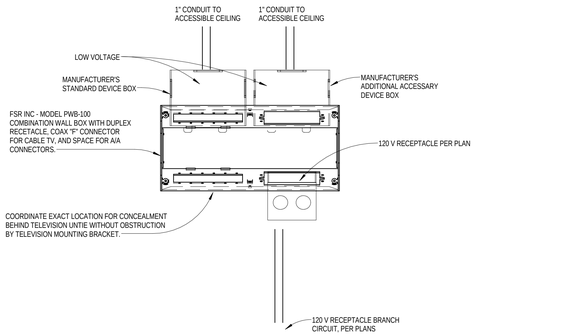
6 Automatic Lavatory Faucet Wiring Diagram
NOT TO SCALE



PLAN SYMBOL

TV

7 TELEVISION AV CONNECTION
1/8" = 1'-0"



PLAN SYMBOL

TV

8 TELEVISION CONNECTION
1/8" = 1'-0"

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SPECIALIZED ENGINEERING SOLUTIONS
10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
www.specializedeng.com
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8404 Indian Hills Drive | Omaha, NE 68114 | 402.399.1100

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Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area Medical Center

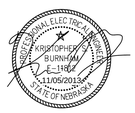
MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

CONSTRUCTION DOCUMENTS

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author



ELECTRICAL DETAILS

SCALE	As indicated

E-603

CONSTRUCTION DOCUMENTS

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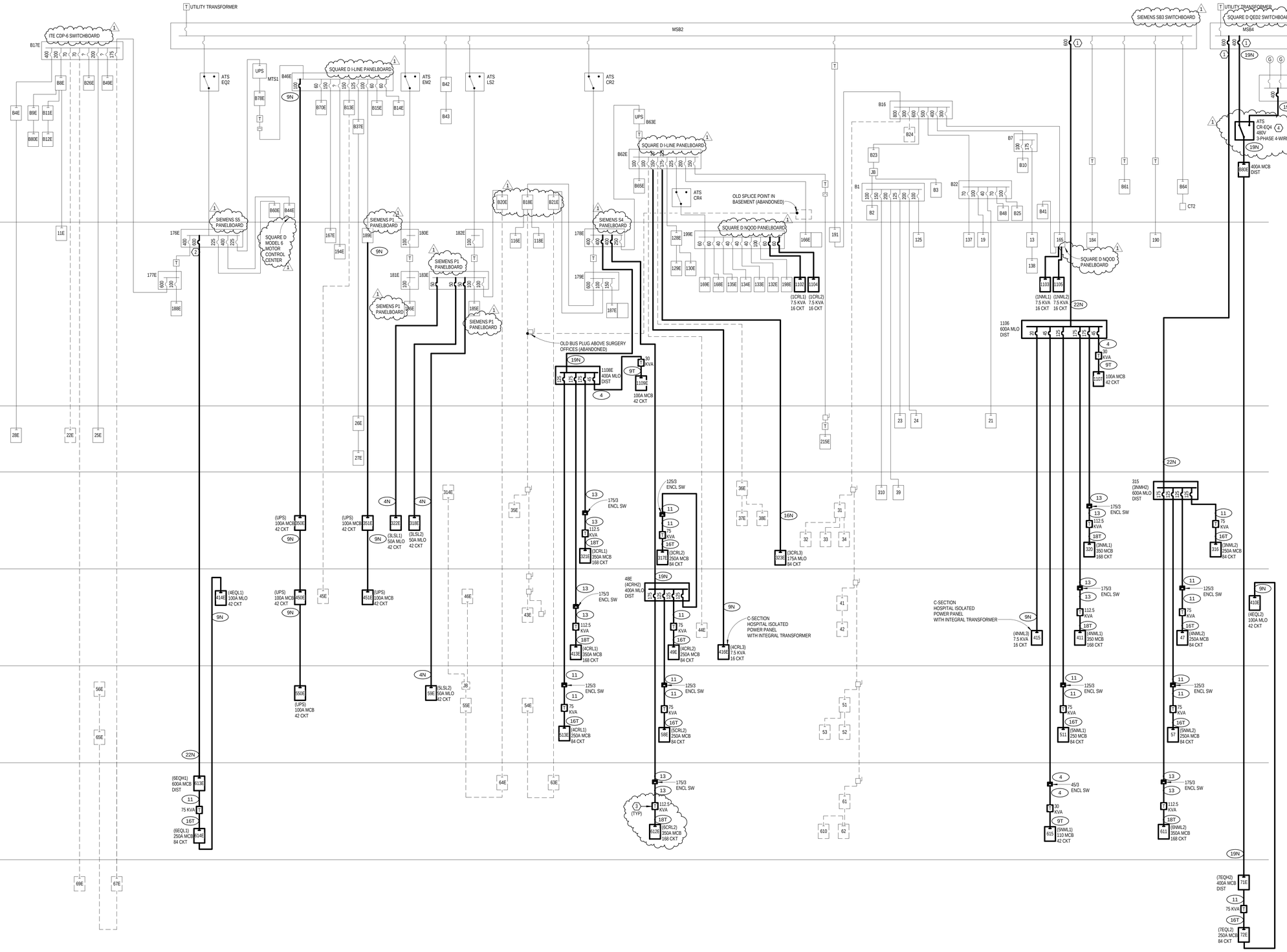

MSB2 ONE LINE

1/16" = 1'-0"

GENERAL NOTES

1. PROVIDE NEW CIRCUIT BREAKERS IN EXISTING PANELBOARDS/SWITCHBOARDS AS REQUIRED TO FEED NEW PANELS. MATCH SHORT CIRCUIT RATING TO EXISTING CIRCUIT BREAKERS IN PANELBOARD/SWITCHBOARD. REARRANGE EXISTING CIRCUIT BREAKERS AS REQUIRED TO ACCOMMODATE NEW CIRCUIT BREAKERS.

SHEET NOTES

1. PROVIDE CIRCUIT BREAKER WITH GROUND FAULT PROTECTION.
2. PROVIDE NEW 400A CIRCUIT BREAKER TO FEED T177E. MOUNT CIRCUIT BREAKER IN SPACE BY 400A CIRCUIT BREAKER FEEDING B48E. MOUNT NEW 600A CIRCUIT BREAKER FOR B48E IN SPACE PREVIOUSLY OCCUPIED BY BREAKER FOR T177E.
3. 480-208Y/120V DRY-TYPE TRANSFORMER. REFER TO TRANSFORMER GROUNDING DETAIL.
4. REFER TO ATS GROUNDING DETAIL.

FEEDER SCHEDULE		
MARK	NOMINAL SIZE	WIRE AND CONDUIT
4	50 A	3-#6, #10 GND - 1"C.
4N	50 A	4-#6, #10 GND - 1"C.
9N	100 A	4-#2, #8 GND - 1-1/4"C.
9T	100 A	4-#2, #6 GND - 1-1/4"C.
11	125 A	3-#1, #6 GND - 1-1/2"C.
13	175 A	3-#2/0, #6 GND - 2"C.
16N	250 A	4-350 KCMIL, #4 GND - 3"C.
16T	250 A	4-300 KCMIL, #2 GND - 3"C.
18T	350 A	4-600 KCMIL, #1/0 GND - 4"C.
19N	400 A	4-#4/0, #3 GND - 2-1/2"C. (2 SETS)
22N	600 A	4-400 KCMIL, #1 GND - 3"C. (2 SETS)
G3	--	#6 GND - 3/4"C.
G7	--	#3/0 GND - 1"C.

INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.

INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER

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HDR
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8404 Indian Hills Drive | Omaha, NE 68114 | 402.399.1100

SPECIALIZED ENGINEERING SOLUTIONS
10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
www.specializedeng.com

Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area Medical Center

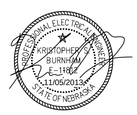
MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

CONSTRUCTION DOCUMENTS

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	0000000097729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author



MSB2 ONE LINE

SCALE 1/16" = 1'-0"

E-604

CONSTRUCTION DOCUMENTS

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LIGHTING CONTROL WALL DEVICES

SYMBOL	DEVICE TYPE	NOTES
SUBSCRIPT LETTER(S)	ON/OFF, NO DIMMING	DEVICE SHALL PROVIDE ON/OFF CONTROL OF ZONES INDICATED. SUBSCRIPT LETTER(S) CORRESPOND TO LIGHTING ZONE(S) IN AREA, PROVIDE DEVICE CAPABLE OF SWITCHING QUANTITY OF ZONES INDICATED. WHERE NO ZONES ARE INDICATED, PROVIDE CONTROL OF SINGLE ZONE. MUST BE CAPABLE OF 3 AND 4 WAY SWITCHING FROM ADDITIONAL DEVICES.
INDICATES DIMMING	ON/OFF, DIMMING	DEVICE SHALL PROVIDE ON/OFF AND MIN/MAX DIMMING CONTROL OF ZONES INDICATED. SUBSCRIPT LETTER(S) CORRESPOND TO LIGHTING ZONE(S) IN AREA, PROVIDE DEVICE CAPABLE OF SWITCHING QUANTITY OF ZONES INDICATED. MUST BE CAPABLE OF 3 AND 4 WAY SWITCHING FROM ADDITIONAL DEVICES
SCENE QUANTITY	SCENE CONTROLLER	DEVICE SHALL PROVIDE SCENE CONTROL CAPABLE OF CONTROLLING ALL ZONES IN ROOM BY PRESET SCENES. NUMBER INDICATES QUANTITY OF SCENES TO BE SELECTED AT THIS LOCATION. SEE LIGHTING SCENE SCHEDULE FOR DESCRIPTION OF DESIRED SCENES.
GFX	GRAPHIC CONTROLLER	DEVICE SHALL INCLUDE GRAPHICAL TOUCH SCREEN TO PROVIDE SCENE CONTROL AS WELL AS ON/OFF AND MIN/MAX DIMMING CONTROL OF ALL ZONES IN ROOM.

1 LIGHTING CONTROL DEVICES
1/8" = 1'-0"

LIGHTING CONTROL SCHEDULE

ROOM TYPE	ROOM TAG	DEVICES				SEQUENCE OF OPERATION
		OCC	PHOTO	RELAY	COMM	
OFFICE/LOUNGE	OFF	DT	N	N	N	AUTO ON: UPON OCCUPANCY DETECTION, LIGHTS TO 50% WALL DEVICE: PROVIDE ON/OFF CONTROL AND DIM FROM MIN-MAX OCC DELAY: 5 MINUTE DELAY, LIGHTS TO 0%
CORRIDORS	COR	N	N	N	Y	AUTO ON: LIGHTS TO 100% AT 6:00 AM AFTER HOURS: LIGHTS TO 20% FROM 10:00 PM
CORRIDORS WITH NIGHT SCENE	CRN	N	N	N	Y	MORNING SCENE: 15 MINUTES AFTER DAWN, LIGHTS TO 70% NIGHT SCENE: 15 MINUTES BEFORE DUSK, LIGHTS TO 100% AFTER HOURS: LIGHTS TO 50% FROM 10:00 PM
PRIVATE RESTROOMS	PRT	DT	N	N	N	AUTO ON: UPON OCCUPANCY DETECTION, LIGHTS TO 50% MANUAL ON: LIGHTS TO 100% MANUAL OFF: LIGHTS TO 0% OCC DELAY: 2 MINUTE DELAY, LIGHTS TO 0%
SUPPORT SPACES	SUP	DT	N	N	N	AUTO ON: UPON OCCUPANCY DETECTION, LIGHTS TO 50% MANUAL ON: LIGHTS TO 100% MANUAL OFF: LIGHTS TO 0% OCC DELAY: 5 MINUTE DELAY, LIGHTS TO 0%
MEDICATION	MED	DT	N	N	N	AUTO ON: UPON OCCUPANCY DETECTION, LIGHTS TO 50% MANUAL ON: LIGHTS TO 100% MANUAL OFF: LIGHTS TO 0% OCC DELAY: 15 MINUTE DELAY, LIGHTS TO 0%
VESTIBULES	VST	N	N	N	Y	AUTO ON: 15 MINUTES PRIOR TO DUSK, LIGHTS TO 100% AUTO OFF: 15 MINUTES AFTER DAWN, LIGHTS TO 50%
ALCOVE	ALC	N	N	N	Y	AUTO ON: LIGHTS TO 100% AT 6:00 AM AFTER HOURS: LIGHTS TO 0% AT 10:00 PM WALL DEVICE: ALLOW FOR TEMPORARY ON/OFF AND MIN/MAX DIMMING OVERRIDE, RETURN TO TIME SCHEDULE AFTER 10 MINUTES
SHOWER/TUB ROOMS	TUB	DT	N	N	N	AUTO ON: UPON OCCUPANCY DETECTION, LIGHTS TO 50% MANUAL ON: LIGHTS TO 100% OCC DELAY: 30 MINUTE DELAY, LIGHTS TO 0%
WAITING	WAI	DT	N	N	Y	AUTO ON: LIGHTS TO 100% AT 6:00 AM AFTER HOURS: LIGHTS TO 0% AT 10:00 PM WALL DEVICE: ALLOW FOR TEMPORARY ON/OFF AND MIN/MAX DIMMING OVERRIDE OCC DELAY: DURING AFTER HOURS, 15 MINUTE DELAY, LIGHTS TO 0%
EXTERIOR	EXT	N	N	N	Y	AUTO ON: 15 MINUTES PRIOR TO DUSK, LIGHTS TO 100% AUTO OFF: 15 MINUTES AFTER DAWN, LIGHTS TO 0%

LIGHTING CONTROL NOTES

1. PROVIDE MANUFACTURER INTERCONNECTION DIAGRAMS INDICATING DEVICE QUANTITIES, LOCATIONS, AND ASSOCIATED CONTROLS CABLING.
2. SEE LIGHTING PLAN FOR WALL DEVICE TYPES AND LOCATIONS.
3. DEVICE QUANTITIES NOT INDICATED. PROVIDE TYPE AND QUANTITY OF DEVICES AS REQUIRED TO PROVIDE COMPLETE COVERAGE OF SPACE AND INTENDED SYSTEM OPERATION.
4. WHERE BI-LEVEL SWITCHING AND AUTO ON TO 50% ARE USED IN THE SAME SPACE, THE ZONE THAT IS AUTOMATICALLY TURNED ON SHALL BE CONTROLLED BY THE BOTTOM BUTTON OF WALL DEVICES.
5. UTILIZE ASTRONOMIC TIME CLOCK FOR EXTERIOR LIGHTING CONTROL.
6. WHERE PHOTOCELLS ARE BEING UTILIZED, PROVIDE ADDITIONAL COMPONENTS AS NEEDED TO CONTROL LIGHTING WITHIN DAYLIGHT ZONES (DEFINED PER IECC 2012 - CHAPTER 2) INDEPENDENT OF GENERAL AREA LIGHTING WITHIN SPACE. PROVIDE MINIMUM OF (1) PHOTOCELL DEVICE PER DAYLIGHT ZONE.

DEVICES

1. OCCUPANCY SENSORS (CEILING MOUNT UNLESS NOTED OTHERWISE) - IR = PASSIVE INFRARED, US = ULTRASONIC/MICROPHONIC, DT = DUAL TECHNOLOGY, N = NO OCCUPANCY SENSORS
2. PHOTO - Y = INCLUDE PHOTOCELL (MAY BE INTEGRATED WITH OCCUPANCY SENSOR), N = NO PHOTOCELL
3. RELAY - Y = INCLUDE RELAY FOR COMMUNICATION WITH OTHER SYSTEMS, N = NO RELAY
4. COMM - Y = INCLUDE COMMUNICATION MODULE FOR INTEGRATION WITH OTHER SYSTEMS AS REQUIRED

2 LIGHTING CONTROL SCHEDULE
1/8" = 1'-0"

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ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

PROFESSIONAL ELECTRICAL ENGINEER
KRISTOPHER J. BURNHAM
11/05/2013
STATE OF NEBRASKA

LIGHTING CONTROL DEVICES & SCHEDULE

SCALE	1/8" = 1'-0"

E-605

CONSTRUCTION DOCUMENTS

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SES PROJECT # 12140

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Distribution Panel: 315 (3NMH2)

Location: Elec. Room 3040 | **Volts:** 480/277 Wye | **Rating:** 600 A
Supply From: | **Phases:** 3 | **Mains Type:** MLO
Branch: Normal | **Wires:** 4 | **Minimum Sections:** 1
Service Rated: | **Available SCC (kA):** 18.6
Intergral Surge Protective Device:

Ckt	Circuit Description	Opt	Poles	Trip	Load	Remarks
1	316 Via T-316E		3	125 A	84537 VA	
2	47 Via T-47		3	125 A	41691 VA	
3	57 Via T-57		3	125 A	30241 VA	
4	611 Via T-611		3	175 A	6960 VA	
5						
6						
7						
8						
9						
10						
11						
12						
13	Space for Integral SPD	--	--	--	0 VA	--
14	Space for Integral SPD	--	--	--	0 VA	--
15	Space for Integral SPD	--	--	--	0 VA	--
16	Space for Integral SPD	--	--	--	0 VA	--
17	Space for Integral SPD	--	--	--	0 VA	--
18	Space for Integral SPD	--	--	--	0 VA	--
19	Space for Integral SPD	--	--	--	0 VA	--
20	Space for Integral SPD	--	--	--	0 VA	--

Distribution Panel Remarks:

General Distribution Panel Remarks:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
2. Circuit Breaker Options Suffix: 'S' or 'ST' - Provide Shunt Trip Circuit Breaker / 'G' or 'GFCI' - Provide Shunt Trip Circuit Breaker / 'GFP' - Provide GFP Circuit Breaker.

Lighting Panel: 316

Location: Elec. Room 3040 | **Volts:** 120/208 Wye | **Rating:** 250 A
Supply From: T-316 | **Phases:** 3 | **Mains Type:** MCB
Branch: Normal | **Wires:** 4 | **Panel Poles:** 84
Mounting: Surface | **Available SCC (kA):** <10 | **Sections:** 1

Ckt	Circuit Description	Opt	Trip	Poles	A		B		C		Poles	Trip	Opt	Circuit Description	Ckt
1	Power - Convenience Elevator...		20 A	1	1260 VA	730 VA					1	20 A		Power - Convenience Room 3102,...	2
3	Power - Convenience Public Waiti...		20 A	1			360 VA	180 VA			1	20 A		Power - Convenience Public Waiti...	4
5	Power - Convenience Public Waiti...		20 A	1					180 VA	180 VA	1	20 A		Power - Convenience Public Waiti...	6
7	Power - Convenience Public Waiti...		20 A	1	180 VA	900 VA					1	20 A		Power - Convenience Public Waiti...	8
9	Power - Convenience Dialysis...		20 A	1			360 VA	1620 VA			1	20 A		Power - Convenience Room 3033	10
11	Power - Convenience Consult/tea...		20 A	1					900 VA	720 VA	1	20 A		Power - Convenience Office-...	12
13	Power - Convenience Equipment...		20 A	1	1440 VA	1500 VA					1	20 A	G	Room 3098, 3037	14
15	Power - Convenience...		20 A	1			1260 VA	900 VA			1	20 A		Power - Convenience...	16
17	Power - Convenience Room 3042...		20 A	1					900 VA	360 VA	1	20 A		Power - Convenience Nourishmen...	18
19	Power - Convenience Nourishmen...		20 A	1	180 VA	360 VA					1	20 A		Power - Convenience Room 3042...	20
21	Power - Convenience Nourishmen...		20 A	1			180 VA	180 VA			1	20 A		Power - Convenience Nourishmen...	22
23	Power - Convenience Nourishmen...		20 A	1					180 VA	955 VA	1	20 A		Lighting Communication Center...	24
25	Lighting Elevator Lobby 3105		20 A	1	1178 VA	392 VA					1	20 A		Power Medical/ Telemetry 3002	26
27	Power Peds. Patient Room 3029		20 A	1			784 VA	900 VA			1	20 A		Power Medical/ Telemetry 3002	28
29	Power Medical/ Telemetry 3002		20 A	1					720 VA	900 VA	1	20 A		Power Medical/ Telemetry 3002	30
31	Power Equipment Storage 3041		20 A	1	24000 VA	900 VA					1	20 A		Power Medical/ Telemetry (ceiling...	32
33	Power Medical/ Telemetry (ceiling...		20 A	1			720 VA	900 VA			1	20 A		Power Medical/ Telemetry (ceiling...	34
35	Lighting Room 3099, 3047, 3093		20 A	1					998 VA	900 VA	1	20 A		Power Peds. Patient Room 3032	36
37	Power Peds. Patient Room 3032		20 A	1	720 VA	900 VA					1	20 A		Power Peds. Patient Room 3032	38
39	Power Toy Storage 3100		20 A	1			24000 VA	900 VA			1	20 A		Power Peds. Patient Room 3031	40
41	Power Peds. Patient Room 3031		20 A	1					720 VA	900 VA	1	20 A		Power Peds. Patient Room 3031	42
43	Power Peds. Patient Room 3030		20 A	1	900 VA	900 VA					1	20 A		Power Peds. Patient Room 3030	44
45	Power Peds. Patient Room 3030		20 A	1			720 VA	900 VA			1	20 A		Power Peds. Patient Room 3029	46
47	Power Peds. Patient Room 3029		20 A	1					720 VA	900 VA	1	20 A		Power Peds. Patient Room 3029	48
49	Power - Convenience Comm. Roo...		20 A	1	720 VA	180 VA					1	20 A		Power Comm. Room 3097	50
51	Lighting		20 A	1			840 VA	360 VA			1	20 A		Power - Convenience Dialysis...	52
53															54
55															56
57															58
59															60
61	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	62
63	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	64
65	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	66
67	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	68
69	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	70
71	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	72
73	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	74
75	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	76
77	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	78
79	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	80
81	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	82
83	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	84

Lighting Panel Remarks:

1. Spare Circuit Breakers: Provide the following spare branch circuit breakers in addition to circuit breakers listed above. Spares: (6) 20/1

General Lighting Panel Notes:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
2. Circuit Breaker Options Suffix: 'S' or 'ST' - Provide Shunt Trip Circuit Breaker / 'G' or 'GFCI' - Provide GFCI Circuit Breaker / 'GFP' - Provide GFP Circuit Breaker.

Lighting Panel: 611

Location: Elec. Room 6041 | **Volts:** 120/208 Wye | **Rating:** 350 A
Supply From: T-611 | **Phases:** 3 | **Mains Type:** MCB
Branch: Normal | **Wires:** 4 | **Panel Poles:** 168
Mounting: Surface | **Available SCC (kA):** <10 | **Sections:** 2

Ckt	Circuit Description	Opt	Trip	Poles	A		B		C		Poles	Trip	Opt	Circuit Description	Ckt
1	Power - Convenience Room 6032-...		20 A	1	1080 VA	1080 VA					1	20 A		Power - Convenience Room 6032-1	2
3	Power - Convenience Shelled...		20 A	1					720 VA	180 VA	1	20 A		Power Shelled Space-1 6032-1	4
5	Lighting Shelled Space-1 6032-1		20 A	1					1050 VA	750 VA	1	20 A		Lighting Shelled Space-1 6032-1	6
7	Lighting		20 A	1	1050 VA	1050 VA					1	20 A		Lighting Shelled Space-1 6040-1	8
9															10
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13															14
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57															58
59															60
61	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	62
63	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	64
65	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	66
67	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	68
69	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	70
71	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	72
73	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	74
75	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	76
77	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	78
79	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	80
81	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	82
83	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	84
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Lighting Panel Remarks:

1. Spare Circuit Breakers: Provide the following spare branch circuit breakers in addition to circuit breakers listed above. Spares: (125) 20/1

General Lighting Panel Notes:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
2. Circuit Breaker Options Suffix: 'S' or 'ST' - Provide Shunt Trip Circuit Breaker / 'G' or 'GFCI' - Provide GFCI Circuit Breaker / 'GFP' - Provide GFP Circuit Breaker.

Lighting Panel: 57

Location: Elec. Room 5028 | **Volts:** 120/208 Wye | **Rating:** 250 A
Supply From: T-57 | **Phases:** 3 | **Mains Type:** MCB
Branch: Normal | **Panel Poles:** 84
Mounting: Surface | **Available SCC (kA):** <10 | **Sections:** 1

Ckt	Circuit Description	Opt	Trip	Poles	A		B		C		Poles	Trip	Opt	Circuit Description	Ckt
1	Power - Convenience Elevator...		20 A	1	1260 VA	1260 VA					1	20 A		Power - Convenience Family...	2
3	Power - Convenience Room 5078,...		20 A	1			900 VA	180 VA			1	20 A		Power - Convenience Corridor 5073	4
5	Power - Convenience Corridor 5073		20 A	1					180 VA	180 VA	1	20 A		Power - Convenience Corridor 5073	6
7	Power - Convenience Corridor 5073		20 A	1	180 VA	540 VA					1	20 A		Power - Convenience Corridor 5073	8
9	Power - Convenience Room 5026,...		20 A	1			720 VA	900 VA			1	20 A		Power - Convenience Multipurpos...	10
11	Power - Convenience Multipurpos...		20 A	1					360 VA	360 VA	1	20 A		Power - Convenience Medication...	12
13	Power - Convenience...		20 A	1	1800 VA	180 VA					1	20 A		Power - Convenience Nourishmen...	14
15	Power - Convenience Nourishmen...		20 A	1			180 VA	180 VA			1	20 A		Power - Convenience Nourishmen...	16
17	Power - Convenience Nourishmen...		20 A	1					180 VA	180 VA	1	20 A		Power - Convenience Toilet 5032	18
19	Power - Convenience Day Room...		20 A	1	720 VA	1080 VA					1	20 A		Power - Convenience Multipurpos...	20
21	Power - Convenience Comm. Roo...		20 A	1			720 VA	180 VA			1	20 A		Power Comm. Room 5075	22
23	Lighting Communication Center...		20 A	1					864 VA	1004 VA	1	20 A		Lighting Elevator Lobby 5079	24
25	Power Patient Bed 5010	G	20 A	1	720 VA	720 VA					1	20 A	G	Power Patient Bed 5009	26
27	Power Patient Bed 5008	G	20 A	1			720 VA	720 VA			1	20 A	G	Power Patient Bed 5007	28
29	Power Patient Bed 5005	G	20 A	1					720 VA	720 VA	1	20 A	G	Power Patient Bed 5004	30
31	Power Patient Bed 5003	G	20 A	1	720 VA	720 VA					1	20 A	G	Power Patient Bed 5002	32
33	Power Patient Bed 5001	G	20 A	1			720 VA	720 VA			1	20 A	G	Power Patient Bed 5020	34
35	Power Patient Bed 5019	G	20 A	1					720 VA	720 VA	1	20 A	G	Power Patient Bed 5018	36
37	Power Patient Bed 5017	G	20 A	1	720 VA	720 VA					1	20 A	G	Power Patient Bed 5016	38
39	Power Patient Bed 5015	G	20 A	1			720 VA	720 VA			1	20 A	G	Power Patient Bed 5014	40
41	Power Patient Bed 5013	G	20 A	1					720 VA	720 VA	1	20 A	G	Power Patient Bed 5006	42
43	Power Room 5010, 5009, 5008,...		20 A	1	600 VA	1277 VA					1	20 A		Lighting Room 5029, 5073	44
45	Room 5074, 5011, 5012, 5013,...		20 A	1			1116 VA								46
47															48
49															50
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57															58
59															60
61	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	62
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75	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	76
77	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	78
79	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	80
81	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	82
83	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	84

Lighting Panel Remarks:

1. Spare Circuit Breakers: Provide the following spare branch circuit breakers in addition to circuit breakers listed above. Spares: (12) 20/1

General Lighting Panel Notes:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
2. Circuit Breaker Options Suffix: 'S' or 'ST' - Provide Shunt Trip Circuit Breaker / 'G' or 'GFCI' - Provide GFCI Circuit Breaker / 'GFP' - Provide GFP Circuit Breaker.

Lighting Panel: 47

Location: Elec. Room 4037 | **Volts:** 120/208 Wye | **Rating:** 250 A
Supply From: T-47 | **Phases:** 3 | **Mains Type:** MCB
Branch: Normal | **Wires:** 4 | **Panel Poles:** 84
Mounting: Surface | **Available SCC (kA):** <10 | **Sections:** 1

Ckt	Circuit Description	Opt	Trip	Poles	A		B		C		Poles	Trip	Opt	Circuit Description	Ckt
1	Power - Convenience		20 A	1	1260 VA	1080 VA					1	20 A		Power - Convenience Public Waiti...	2
3	Power - Convenience Public Waiti...		20 A	1			180 VA	180 VA			1	20 A		Power - Convenience Public Waiti...	4
5	Power - Convenience Public Waiti...		20 A	1					180 VA	180 VA	1	20 A		Power - Convenience Public Waiti...	6
7	Power - Convenience Room 4111,...		20 A	1	720 VA	1440 VA					1	20 A		Power - Convenience Equipment...	8
9	Power - Convenience Conf / Cons...		20 A	1			900 VA	1440 VA			1	20 A		Power - Convenience	10
11	Power - Convenience Room 4034,...		20 A	1					720 VA	720 VA	1	20 A		Power - Convenience Group...	12
13	Power - Convenience...		20 A	1	720 VA	1080 VA					1	20 A		Power - Convenience...	14
15	Power - Convenience Room 4039...		20 A	1			900 VA	360 VA			1	20 A		Power - Convenience Room 4039...	16
17	Power - Convenience Room 4039,...		20 A	1					360 VA	180 VA	1	20 A		Power - Convenience Nourishmen...	18
19	Power - Convenience Nourishmen...		20 A	1	180 VA	180 VA					1	20 A		Power - Convenience Nourishmen...	20
21	Power - Convenience Nourishmen...		20 A	1			180 VA	784 VA			1	20 A		Power Joint Center 4029	22
23	Power Post-surgical 4002		20 A	1					392 VA	720 VA	1	20 A		Power - Convenience Comm. Roo...	24
25	Power Comm. Room 4106		20 A	1	180 VA	900 VA					1	20 A		Power Post-surgical 4002	26
27	Power Post-surgical 4002		20 A	1			1260 VA	900 VA			1	20 A		Power Post-surgical 4002	28
29	Power Equipment Storage 4038		20 A	1					2400 VA	900 VA	1	20 A		Power Post-surgical (ceiling Lift)...	30
31	Power Post-surgical (ceiling Lift)...		20 A	1	1260 VA	900 VA					1	20 A		Power Post-surgical (ceiling Lift)...	32
33	Power Joint Center 4029		20 A	1			900 VA	1260 VA			1	20 A		Power Joint Center 4029	34
35	Power Joint Center 4029		20 A	1					900 VA	2400 VA	1	20 A		Power Equipment Storage 4108	36
37	Lighting Nourishment Center 4039c		20 A	1	1231 VA	884 VA					1	20 A		Lighting Elevator Lobby 4114	38
39	Power Joint Center 4028		20 A	1			900 VA	1260 VA			1	20 A		Power Joint Center 4028	40
41	Power Joint Center 4028		20 A	1					900 VA	900 VA	1	20 A		Power Joint Center 4027	42
43	Power Joint Center 4027		20 A	1	1260 VA	900 VA					1	20 A		Power Joint Center 4027	44
45	Power Joint Center 4026		20 A	1			900 VA	1260 VA			1	20 A		Power Joint Center 4026	46
47	Power Joint Center 4026		20 A	1					900 VA	1200 VA	1	20 A		Power Equipment Storage 4104	48
49															50
51															52
53															54
55															56
57															58
59															60
61	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	62
63	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	64
65	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	66
67	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	68
69	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	70
71	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	72
73	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	74
75	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	76
77	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	78
79	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	80
81	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	82
83	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	84

Lighting Panel Remarks:

1. Spare Circuit Breakers: Provide the following spare branch circuit breakers in addition to circuit breakers listed above. Spares: (6) 20/1

General Lighting Panel Notes:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
2. Circuit Breaker Options Suffix: 'S' or 'ST' - Provide Shunt Trip Circuit Breaker / 'G' or 'GFCI' - Provide GFCI Circuit Breaker / 'GFP' - Provide GFP Circuit Breaker.

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Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

CONSTRUCTION DOCUMENTS

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	000000000197729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

PROFESSIONAL ELEC 10647 NEBRASKA KRISTOPHER J. BURNHAM E-11647 11/05/2013 STATE OF NEBRASKA

NORMAL POWER PANEL SCHEDULES

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SES PROJECT # 12140

SCALE

E-608

CONSTRUCTION DOCUMENTS

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Lighting Panel: 322E

Location: Elec. Room 3069 | **Volts:** 120/208 Wye | **Rating:** 50 A
Supply From: 183E | **Phases:** 3 | **Mains Type:** MLO
Branch: Life Safety | **Wires:** 4 | **Panel Poles:** 66
Mounting: Surface | **Available SCC (kA):** <10 | **Sections:** 1

Ckt	Circuit Description	Opt	Trip	Poles	A		B		C		Poles	Trip	Opt	Circuit Description	Ckt
1	Fire Alarm		20 A	1	1000 VA	1000 VA					1	20 A		Fire Alarm	2
3	Med Gas Rooms 3072, 3078, 3089		20 A	1			800 VA	800 VA			1	20 A		Med Gas Rooms 4098, 4076, 4070	4
5															6
7															8
9															10
11															12
13															14
15															16
17															18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
43	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	44
45	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	46
47	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	48
49	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	50
51	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	52
53	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	54
55	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	56
57	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	58
59	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	60
61	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	62
63	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	64
65	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	66

Lighting Panel Remarks:

1. Spare Circuit Breakers: Provide the following spare branch circuit breakers in addition to circuit breakers listed above. Spares: (12) 20/1

General Lighting Panel Notes:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
2. Circuit Breaker Options Suffix: 'S' or 'ST' - Provide Shunt Trip Circuit Breaker / 'G' or 'GFCI' - Provide GFCI Circuit Breaker / 'GFP' - Provide GFP Circuit Breaker.

Lighting Panel: 318E

Location: Elec. Room 3040 | **Volts:** 120/208 Wye | **Rating:** 50 A
Supply From: 183E | **Phases:** 3 | **Mains Type:** MLO
Branch: Life Safety | **Wires:** 4 | **Panel Poles:** 66
Mounting: Surface | **Available SCC (kA):** <10 | **Sections:** 1

Ckt	Circuit Description	Opt	Trip	Poles	A		B		C		Poles	Trip	Opt	Circuit Description	Ckt
1	Med Gas Alarm Rooms 3099, 3047		20 A	1	400 VA	400 VA					1	20 A		Med Gas Alarm Rooms 4107, 4044	2
3															4
5															6
7															8
9															10
11															12
13															14
15															16
17															18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
43	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	44
45	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	46
47	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	48
49	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	50
51	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	52
53	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	54
55	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	56
57	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	58
59	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	60
61	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	62
63	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	64
65	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	66

Lighting Panel Remarks:

1. Spare Circuit Breakers: Provide the following spare branch circuit breakers in addition to circuit breakers listed above. Spares: (12) 20/1

General Lighting Panel Notes:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
2. Circuit Breaker Options Suffix: 'S' or 'ST' - Provide Shunt Trip Circuit Breaker / 'G' or 'GFCI' - Provide GFCI Circuit Breaker / 'GFP' - Provide GFP Circuit Breaker.

Lighting Panel: 59E (5LSL2)

Location: Elec. Room 5028 | **Volts:** 120/208 Wye | **Rating:** 50 A
Supply From: 183E | **Phases:** 3 | **Mains Type:** MLO
Branch: Life Safety | **Wires:** 4 | **Panel Poles:** 66
Mounting: Surface | **Available SCC (kA):** <10 | **Sections:** 1

Ckt	Circuit Description	Opt	Trip	Poles	A		B		C		Poles	Trip	Opt	Circuit Description	Ckt
1	Fire Alarm Transponder		20 A	1	1000 VA										2
3															4
5															6
7															8
9															10
11															12
13															14
15															16
17															18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
43	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	44
45	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	46
47	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	48
49	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	50
51	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	52
53	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	54
55	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	56
57	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	58
59	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	60
61	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	62
63	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	64
65	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	66

Lighting Panel Remarks:

1. Spare Circuit Breakers: Provide the following spare branch circuit breakers in addition to circuit breakers listed above. Spares: (12) 20/1

General Lighting Panel Notes:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
2. Circuit Breaker Options Suffix: 'S' or 'ST' - Provide Shunt Trip Circuit Breaker / 'G' or 'GFCI' - Provide GFCI Circuit Breaker / 'GFP' - Provide GFP Circuit Breaker.

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Fremont Area
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MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

CONSTRUCTION DOCUMENTS

PROJECT NUMBER	0000000197729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

PROFESSIONAL ELECTRICAL ENGINEER
CHRISTOPHER J. SUMMAN
E-11812
11/05/2013
STATE OF NEBRASKA

LIFE SAFETY POWER PANEL SCHEDULES

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SES PROJECT # 12140

SCALE

E-612

CONSTRUCTION DOCUMENTS

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Lighting Panel: 513E

Location: Mechanical Shaft 5059
Supply From: T-513E
Branch: Critical
Mounting: Surface

Volts: 120/208 Wye
Phases: 3
Wires: 4
Available SCC (kA): <10

Rating: 250 A
Mains Type: MCB
Panel Poles: 84
Sections: 1

Ckt	Circuit Description	Opt	Trip	Poles	A		B		C		Poles	Trip	Opt	Circuit Description	Ckt
1	Power - Convenience Room 5052,...		20 A	1	720 VA	360 VA					1	20 A		Power - Convenience Consultatio...	2
3	Power - Convenience Clean Utility,...		20 A	1			540 VA	1440 VA			1	20 A		Power - Convenience Equipment,...	4
5	Power - Convenience Multipurpos...		20 A	1					360 VA	720 VA	1	20 A		Power Post-surgical 4013	6
7	Power - Convenience Office-...		20 A	1	1080 VA	900 VA					1	20 A		Nurse Call Control Panel	8
9	Lighting Multipurpose Room 5065		20 A	1			941 VA	832 VA			1	20 A		Lighting Wheel Chair Shower 5064	10
11	Power Patient Bed 5011	G	20 A	1					360 VA	528 VA	1	15 A		FCU-1 Stair 5062	12
13	Power - Convenience Room 5047,...		20 A	1	720 VA	142 VA					1	20 A		Lighting	14
15	Power Patient Bed 5012	G	20 A	1			360 VA								16
17	Power - Convenience Room 5072,...		20 A	1					1080 VA						18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
43															44
45															46
47															48
49															50
51															52
53															54
55															56
57															58
59															60
61	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	62
63	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	64
65	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	66
67	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	68
69	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	70
71	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	72
73	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	74
75	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	76
77	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	78
79	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	80
81	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	82
83	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	84

Lighting Panel Remarks:

1. Spare Circuit Breakers: Provide the following spare branch circuit breakers in addition to circuit breakers listed above. Spares: (24) 20/1

General Lighting Panel Notes:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
2. Circuit Breaker Options Suffix: 'S' or 'ST' - Provide Shunt Trip Circuit Breaker / 'G' or 'GFCI' - Provide GFCI Circuit Breaker / 'GFP' - Provide GFP Circuit Breaker.

Lighting Panel: 1109E

Location: Equipt. Stor. 1929
Supply From: T-1109E
Branch: Critical
Mounting: Recessed

Volts: 120/208 Wye
Phases: 3
Wires: 4
Available SCC (kA): <10

Rating: 100 A
Mains Type: MCB
Panel Poles: 66
Sections: 1

Ckt	Circuit Description	Opt	Trip	Poles	A		B		C		Poles	Trip	Opt	Circuit Description	Ckt
1	Power - Convenience		20 A	1	1080 VA	540 VA					1	20 A		Power - Convenience	2
3	Power - Convenience		20 A	1			1080 VA	180 VA			1	20 A		Power - Convenience	4
5	Power - Convenience		20 A	1					720 VA	720 VA	1	20 A		Power - Convenience	6
7	Power - Convenience		20 A	1	720 VA	1080 VA					1	20 A		Power - Convenience	8
9	Power		20 A	1			900 VA	900 VA			1	20 A		Power	10
11	Power		20 A	1					900 VA	910 VA	1	20 A		Power	12
13	Power		20 A	1	900 VA	900 VA					1	20 A		Power	14
15	Power		20 A	1			900 VA	1260 VA			1	20 A		Power	16
17	Power		20 A	1					1260 VA	720 VA	1	20 A		Power - Convenience	18
19	Power - Convenience		20 A	1	720 VA	900 VA					1	20 A		Power Exam Room 1908	20
21	Power Equipt. Stor. 1929		20 A	1			900 VA	195 VA			1	20 A		Power - Sub-sterile-1 1939-1	22
23	Power Exam Room 1907		20 A	1					900 VA	900 VA	1	20 A		Power Room 1908, 1906, 1905,...	24
25	Lighting Room 1918, 1918b, 1916...		20 A	1	903 VA										26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
43	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	44
45	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	46
47	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	48
49	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	50
51	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	52
53	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	54
55	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	56
57	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	58
59	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	60
61	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	62
63	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	64
65	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	66

Lighting Panel Remarks:

1. Spare Circuit Breakers: Provide the following spare branch circuit breakers in addition to circuit breakers listed above. Spares: (12) 20/1

General Lighting Panel Notes:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
2. Circuit Breaker Options Suffix: 'S' or 'ST' - Provide Shunt Trip Circuit Breaker / 'G' or 'GFCI' - Provide GFCI Circuit Breaker / 'GFP' - Provide GFP Circuit Breaker.

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Omaha, NE 68134
Phone: 402.991.5520
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Sampson Construction

PROJECT FOR

FAMC
Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

CONSTRUCTION DOCUMENTS

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	0000000197729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

PROFESSIONAL ELECTRICAL ENGINEER
CHRISTOPHER J. SUMNER
E-11854
11/05/2013
STATE OF NEBRASKA

CRITICAL POWER PANEL SCHEDULES

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SES PROJECT # 12140

SCALE

E-615

CONSTRUCTION DOCUMENTS

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Distribution Panel: 613E

Location: | **Volts:** 480/277 Wye | **Rating:** 600 A
Supply From: B80E | **Phases:** 3 | **Mains Type:** MCB
Branch: Equipment | **Wires:** 4 | **Minimum Sections:**
Service Rated: | **Available SCC (kA):** 26.5
Intergral Surge Protective Device:

Ckt	Circuit Description	Opt	Poles	Trip	Load	Remarks
1	614E Via T-614E		3	125 A	4248 VA	
2	ELEV-1		3	60 A	43232 VA	
3	ELEV-2		3	60 A	43232 VA	
4	PHX-1		3	80 A	54040 VA	
5	AHU-1 Supply Fan		3	200 A	152975 VA	
6	AHU-1 Return Fan		3	80 A	63185 VA	
7	AHU-3 Supply Fan		3	15 A	4988 VA	
8	AHU-3 Return Fan		3	15 A	3326 VA	
9	AHU-4 Supply Fan		3	30 A	12470 VA	
10	AHU-4 Return Fan		3	20 A	8314 VA	
11						
12						
13	Space for Integral SPD	--	--	--	0 VA	--
14	Space for Integral SPD	--	--	--	0 VA	--
15	Space for Integral SPD	--	--	--	0 VA	--
16	Space for Integral SPD	--	--	--	0 VA	--
17	Space for Integral SPD	--	--	--	0 VA	--
18	Space for Integral SPD	--	--	--	0 VA	--
19	Space for Integral SPD	--	--	--	0 VA	--
20	Space for Integral SPD	--	--	--	0 VA	--

Distribution Panel Remarks:

General Distribution Panel Remarks:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
2. Circuit Breaker Options Suffix: 'S' or 'ST' - Provide Shunt Trip Circuit Breaker / 'G' or 'GFCI' - Provide Shunt Trip Circuit Breaker / 'GFP' - Provide GFP Circuit Breaker.

Distribution Panel: 71E

Location: Room 909 | **Volts:** 480/277 Wye | **Rating:** 400 A
Supply From: B80E | **Phases:** 3 | **Mains Type:** MCB
Branch: Equipment | **Wires:** 4 | **Minimum Sections:** 1
Service Rated: | **Available SCC (kA):** 12.9
Intergral Surge Protective Device:

Ckt	Circuit Description	Opt	Poles	Trip	Load	Remarks
1	72E Via T-72E		3	125 A	10901 VA	
2	AHU-2 Supply Fan		3	100 A	87295 VA	
3	AHU-2 Return Fan		3	45 A	43232 VA	
4						
5						
6						
7						
8						
9						
10						
11						
12						
13	Space for Integral SPD	--	--	--	0 VA	--
14	Space for Integral SPD	--	--	--	0 VA	--
15	Space for Integral SPD	--	--	--	0 VA	--
16	Space for Integral SPD	--	--	--	0 VA	--
17	Space for Integral SPD	--	--	--	0 VA	--
18	Space for Integral SPD	--	--	--	0 VA	--
19	Space for Integral SPD	--	--	--	0 VA	--
20	Space for Integral SPD	--	--	--	0 VA	--

Distribution Panel Remarks:

General Distribution Panel Remarks:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
2. Circuit Breaker Options Suffix: 'S' or 'ST' - Provide Shunt Trip Circuit Breaker / 'G' or 'GFCI' - Provide Shunt Trip Circuit Breaker / 'GFP' - Provide GFP Circuit Breaker.

Lighting Panel: 614E

Location: | **Volts:** 120/208 Wye | **Rating:** 250 A
Supply From: T-614E | **Phases:** 3 | **Mains Type:** MCB
Branch: Equipment | **Wires:** 4 | **Panel Poles:** 84
Mounting: Surface | **Available SCC (kA):** <10 | **Sections:** 1

Ckt	Circuit Description	Opt	Trip	Poles	A		B		C		Poles	Trip	Opt	Circuit Description	Ckt
1					360 VA	1000 VA					1	20 A		AHU-1 Lights & Receptacles	2
3	414E (4EQL1)		100 A	3			360 VA	1000 VA			1	20 A		AHU-3 Lights & Receptacles	4
5									0 VA	1000 VA	1	20 A		AHU-4 Lights & Receptacles	6
7	FCU-1		15 A	1	528 VA										8
9															10
11															12
13															14
15															16
17															18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
43															44
45															46
47															48
49															50
51															52
53															54
55															56
57															58
59															60
61	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	62
63	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	64
65	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	66
67	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	68
69	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	70
71	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	72
73	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	74
75	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	76
77	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	78
79	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	80
81	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	82
83	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	84

Lighting Panel Remarks:

1. Spare Circuit Breakers: Provide the following spare branch circuit breakers in addition to circuit breakers listed above. Spares: (12) 20/1

General Lighting Panel Notes:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
2. Circuit Breaker Options Suffix: 'S' or 'ST' - Provide Shunt Trip Circuit Breaker / 'G' or 'GFCI' - Provide GFCI Circuit Breaker / 'GFP' - Provide GFP Circuit Breaker.

Lighting Panel: 72E

Location: Room 909 | **Volts:** 120/208 Wye | **Rating:** 250 A
Supply From: T-72E | **Phases:** 3 | **Mains Type:** MCB
Branch: Equipment | **Wires:** 4 | **Panel Poles:** 84
Mounting: Surface | **Available SCC (kA):** <10 | **Sections:** 1

Ckt	Circuit Description	Opt	Trip	Poles	A		B		C		Poles	Trip	Opt	Circuit Description	Ckt
1															2
3	410E (4EQL2)		100 A	3	0 VA	576 VA					3	15 A		EF-1	4
5							0 VA	576 VA							6
7					576 VA	576 VA									8
9	EF-2		15 A	3			576 VA	576 VA			3	15 A		EF-3	10
11									576 VA	576 VA					12
13					576 VA	1000 VA					1	20 A		AHU-2 Lights & Receptacles	14
15	EF-4		20 A	3			576 VA	360 VA			1	20 A		Power - Convenience	16
17									576 VA	360 VA	1	20 A		Power - Convenience	18
19	Power - Convenience		20 A	1	360 VA	360 VA					1	20 A		Power - Convenience	20
21	Power - Convenience		20 A	1			360 VA	360 VA			1	20 A		Power - Convenience	22
23	Lighting		20 A	1					825 VA						24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
43															44
45															46
47															48
49															50
51															52
53															54
55															56
57															58
59															60
61	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	62
63	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	64
65	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	66
67	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	68
69	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	70
71	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	72
73	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	74
75	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	76
77	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	78
79	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	80
81	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	82
83	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	84

Lighting Panel Remarks:

1. Spare Circuit Breakers: Provide the following spare branch circuit breakers in addition to circuit breakers listed above. Spares: (12) 20/1

General Lighting Panel Notes:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
2. Circuit Breaker Options Suffix: 'S' or 'ST' - Provide Shunt Trip Circuit Breaker / 'G' or 'GFCI' - Provide GFCI Circuit Breaker / 'GFP' - Provide GFP Circuit Breaker.

Lighting Panel: 414E

Location: Elec. Room 4067 | **Volts:** 120/208 Wye | **Rating:** 100 A
Supply From: 614E | **Phases:** 3 | **Mains Type:** MLO
Branch: Equipment | **Wires:** 4 | **Panel Poles:** 66
Mounting: Surface | **Available SCC (kA):** <10 | **Sections:** 1

Ckt	Circuit Description	Opt	Trip	Poles	A		B		C		Poles	Trip	Opt	Circuit Description	Ckt
1	Pressure Monitor Panel Rm 3007		20 A	1	180 VA	180 VA					1	20 A		Pressure Monitor Panel Rm 3026	2
3	Pressure Monitor Panel Rm 4006		20 A	1			180 VA	180 VA			1	20 A		Pressure Monitor Panel Rm 4097	4
5															6
7															8
9															10
11															12
13															14
15															16
17															18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
43	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	44
45	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	46
47	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	48
49	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	50
51	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	52
53	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	54
55	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	56
57	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	58
59	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	60
61	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	62
63	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	64
65	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	66

Lighting Panel Remarks:

1. Spare Circuit Breakers: Provide the following spare branch circuit breakers in addition to circuit breakers listed above. Spares: (24) 20/1

General Lighting Panel Notes:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
2. Circuit Breaker Options Suffix: 'S' or 'ST' - Provide Shunt Trip Circuit Breaker / 'G' or 'GFCI' - Provide GFCI Circuit Breaker / 'GFP' - Provide GFP Circuit Breaker.

Lighting Panel: 410E (4EQL2)

Location: Elec. Room 4037 | **Volts:** 120/208 Wye | **Rating:** 100 A
Supply From: 72E | **Phases:** 3 | **Mains Type:** MLO
Branch: Equipment | **Wires:** 4 | **Panel Poles:** 66
Mounting: Surface | **Available SCC (kA):** <10 | **Sections:** 1

Ckt	Circuit Description	Opt	Trip	Poles	A		B		C		Poles	Trip	Opt	Circuit Description	Ckt
1															2
3															4
5															6
7															8
9															10
11															12
13															14
15															16
17															18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
43	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	44
45	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	46
47	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	48
49	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	50
51	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	52
53	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	54
55	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	56
57	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	58
59	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	60
61	Space for Integral SPD	--	--	--	0 VA	0 VA					--	--	--	Space for Integral SPD	62
63	Space for Integral SPD	--	--	--			0 VA	0 VA			--	--	--	Space for Integral SPD	64
65	Space for Integral SPD	--	--	--					0 VA	0 VA	--	--	--	Space for Integral SPD	66

Lighting Panel Remarks:

1. Spare Circuit Breakers: Provide the following spare branch circuit breakers in addition to circuit breakers listed above. Spares: (24) 20/1

General Lighting Panel Notes:

1. Panel AIC (Interrupting) Rating shall be minimum 120% of the available SCC (Short Circuit Current).
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Sampson Construction

PROJECT FOR

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Fremont Area Medical Center

Fremont Area
Medical Center

MASTER PLAN
IMPLEMENTATION
PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

CONSTRUCTION DOCUMENTS

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1	2013-11-27	Addendum #1

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ORIGINAL ISSUE	11/05/2013
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CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

PROFESSIONAL ELECTRICAL ENGINEER
CHRISTOPHER J. SUMNER
E-11812
11/05/2013
STATE OF NEBRASKA

EQUIPMENT POWER PANEL SCHEDULES

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SES PROJECT # 12140

SCALE

E-616

CONSTRUCTION DOCUMENTS

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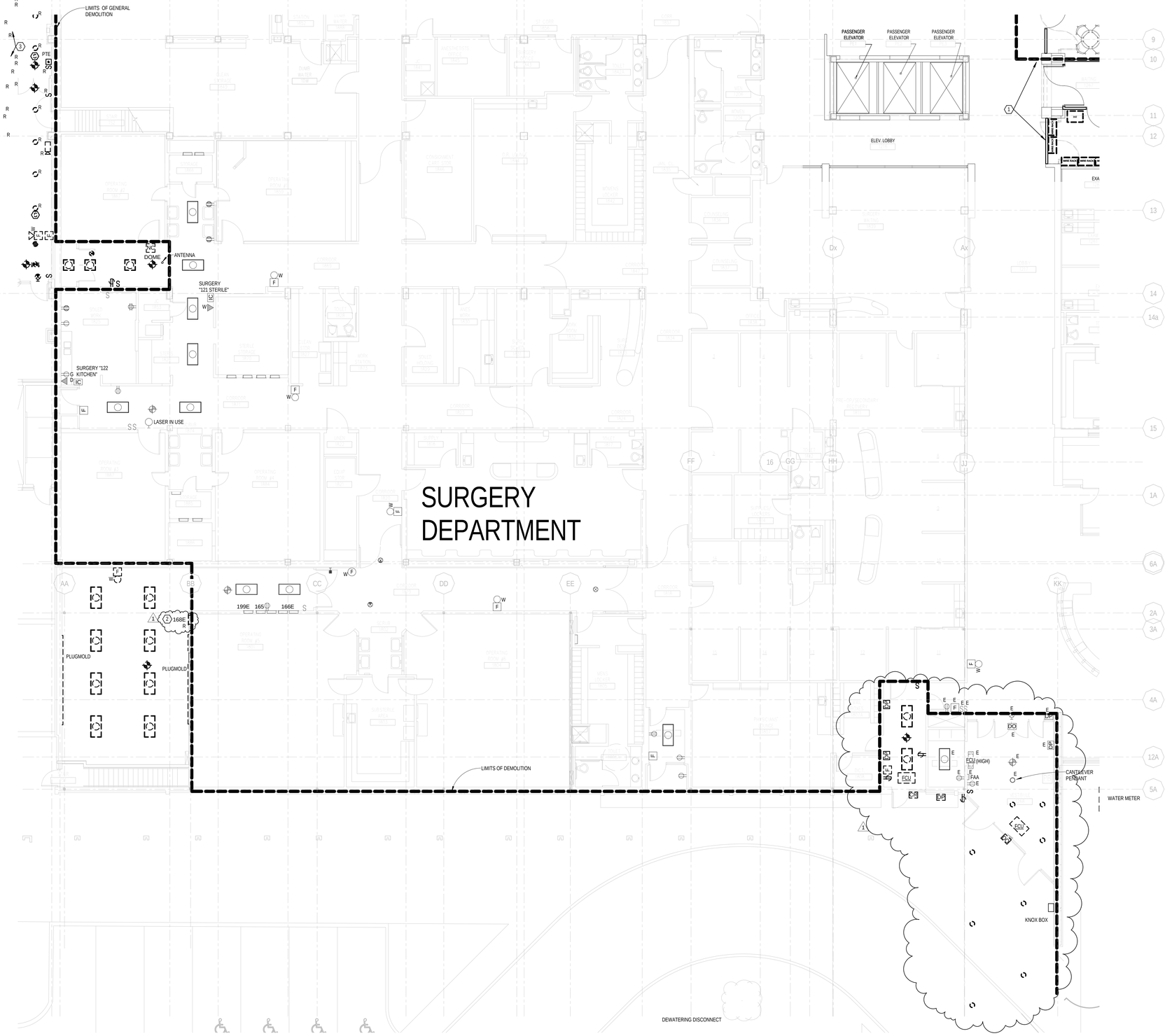


1 FIRST FLOOR ELECTRICAL DEMOLITION - AREA D
1/8" = 1'-0"

SHEET NOTES

1. NO WORK (PREVIOUS PROJECT)
2. RELOCATE PANEL - EXISTING HOSPITAL ISOLATED POWER PANEL SERVES BRANCH CIRCUITS IN OPERATING ROOM #5 AND REQUIRES RELOCATION TO ACCOMMODATE CONSTRUCTION OF NEW OPERATING ROOMS. REFER TO NEW WORK PLAN FOR NEW LOCATION OF EXISTING PANEL. INTERCEPT EXISTING SOURCE FEEDER AND BRANCH CIRCUITS ABOVE CEILING OR BELOW FLOOR AND EXTEND CONCEALED TO NEW PANEL LOCATION.

GENERAL DEMOLITION NOTES

A. SEE SHEET ED-101A FOR GENERAL DEMOLITION NOTES.

SURGERY DEPARTMENT

HDR
HDR ARCHITECTURE INC.
8404 Indian Hills Drive | Omaha, NE 68114 | 402.399.1100

SES SPECIALIZED ENGINEERING SOLUTIONS
10360 Ellison Circle
Omaha, NE 68134
Phone: 402.991.5520
www.specializedeng.com

Sampson Construction

PROJECT FOR

FAMC Fremont Area Medical Center

Fremont Area Medical Center

MASTER PLAN IMPLEMENTATION PROJECT
450 EAST 23rd STREET
FREMONT, NE

BID PACKAGE #3

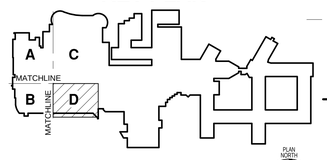
CONSTRUCTION DOCUMENTS

MARK	DATE	DESCRIPTION
1	2013-11-27	Addendum #1

PROJECT NUMBER	00000000197729
ORIGINAL ISSUE	11/05/2013
PROJECT MANAGER	Mike Goertzen
PROJECT DESIGNER	Brian Zabloudil
PROJECT ARCHITECT	Jeff Bahr
LANDSCAPE ARCHITECT	Brad Swerczek
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	Doug Sholl
MECHANICAL ENGINEER	Todd Kubicek
ELECTRICAL ENGINEER	Kris Burnham
INTERIOR DESIGNER	Jill McFee
EQUIPMENT PLANNER	Greg Olsen
DRAWN BY	Author

PROFESSIONAL ELECTRICAL ENGINEER
KRISTOPHER J. BURNHAM
E-11804
11/05/2013
STATE OF NEBRASKA

KEY PLAN



FIRST FLOOR PLAN - AREA D - ELECTRICARL DEMOLITION

SCALE 1/8" = 1'-0"

ED-101D

CONSTRUCTION DOCUMENTS

INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.

INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER

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SES PROJECT # 12140

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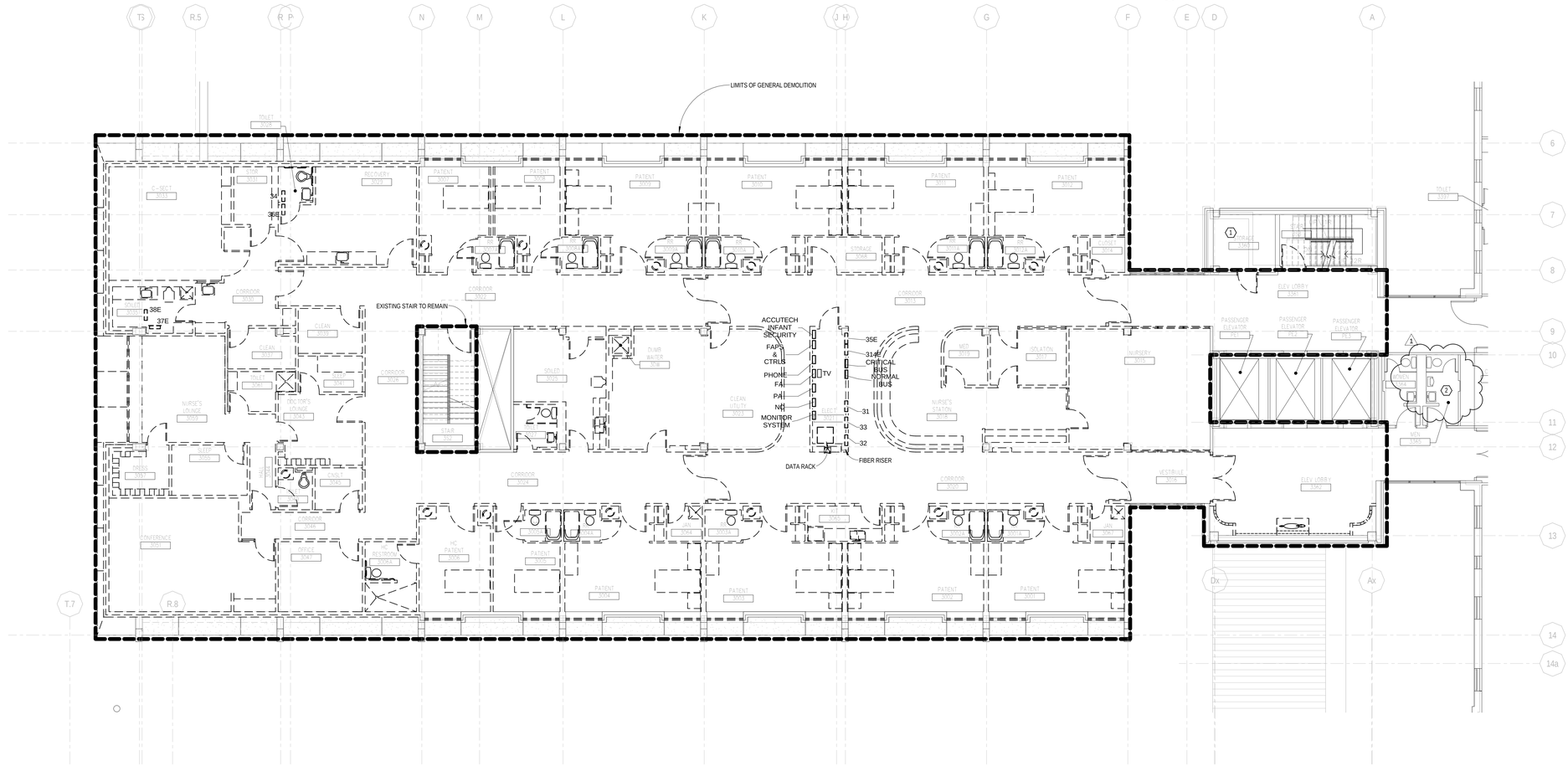
SHEET NOTES

1. REMOVE FIRE ALARM DETECTION DEVICE FROM STORAGE ROOM
2. REFEED EXISTING TOILET ROOMS AND ADJACENT CORRIDOR PASSAGEWAY BRANCH CIRCUITS FROM NEW CIRCUIT BREAKERS IN EXISTING PANEL 39 LOCATED IN JANITORS CLOSET APPROXIMATELY 79 NORTH OF THIS LOCATION.

GENERAL DEMOLITION NOTES

A. SEE SHEET ED-101A FOR GENERAL DEMOLITION NOTES.


LIMITS OF GENERAL DEMOLITION
EXISTING STAIR TO REMAIN
ACCUTECH INFANT SECURITY
FAPS & CTRLS
PHONE
FAI
PAI
NI
MONITOR SYSTEM
TV
35E
31/E CRITICAL BUS
NORMAL BUS
31
33
32
DATA RACK
FIBER RISER
38E
37E
C-SECT 3043
RECOVERY 3055
PATIENT 3056
PATIENT 3057
PATIENT 3058
PATIENT 3059
PATIENT 3060
PATIENT 3061
PATIENT 3062
TOILET 3063
CORRIDOR 3030
CORRIDOR 3027
CORRIDOR 3014
CLEAN 3039
CLEAN 3037
TOILET 3041
TOILET 3040
NURSE'S LOUNGE 3055
DOCTOR'S LOUNGE 3042
DRESS 3067
LIFE 3065
MEN 3045
CONFERENCE 3057
OFFICE 3047
HC PATIENT 3056A
HC PATIENT 3056
PATIENT 3005
PATIENT 3004
PATIENT 3003
PATIENT 3002
PATIENT 3001
JAN 3066
JAN 3063
JAN 3060
JAN 3057
STORAGE 3068
STORAGE 3069
STORAGE 3070
STORAGE 3071
STORAGE 3072
SOILED 3025
DUMB WAITER 3018
CLEAN UTILITY 3023
ELECT 3060
CORRIDOR 3024
CORRIDOR 3020
CORRIDOR 3021
CORRIDOR 3022
NURSE'S STATION 3013
MED 3019
ISOLATION 3017
NURSERY 3015
VESTIBULE 3016
ELEV LOBBY 3062
ELEV LOBBY 3581
PASSENGER ELEVATOR 3621
PASSENGER ELEVATOR 3622
PASSENGER ELEVATOR 3623
STAIR 3582
STAIR 3583
STAIR 3584
STAIR 3585
STAIR 3586
STAIR 3587
STAIR 3588
STAIR 3589
STAIR 3590
STAIR 3591
STAIR 3592
STAIR 3593
STAIR 3594
STAIR 3595
STAIR 3596
STAIR 3597
STAIR 3598
STAIR 3599
STAIR 3600
STAIR 3601
STAIR