



ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

ADDENDUM

PROJECT: Jefferson Community Health Center
Patient Wing and Administration Renovation
Fairbury, Nebraska

ADDENDUM NUMBER

AD-2

ISSUED BY:

Darin Horst, Architect
Chandra Wondercheck, Interior Designer
Darin Sperling, Structural Engineer
Todd Jedrzejczyk, Mechanical Engineer
Dan Chrisp, Electrical Engineer

PROJECT #: 11-0185

DATE ISSUED: Friday, January 25, 2013

This addendum is issued by the Architect to all known bidders before receipt of proposals, for the purpose of explaining, interpreting, or modifying the original plans and specifications. When enumerated by the bidder upon the proposal sheet, the information or instructions given hereon will be equally binding upon all parties as if included in the original plans and specifications.
BIDDER MUST ENTER THE NUMBER OF THIS ADDENDUM ON HIS PROPOSAL SHEET

THE FOLLOWING ITEMS ARE GENERAL INFORMATION:

AD-2, ITEM 1:

X-Ray equipment plans (Architectural, Structural, and Electrical) from Siemens have been uploaded to Submittal Exchange for reference during bidding and construction. Contact the Architect if hard copies are required. The contact with Siemens is Jim Withrow, (402) 960-7654 or jwithrow@cassling.com.

AD-2, ITEM 2:

A new G-Series pdf file was uploaded to Submittal Exchange on 1/18/2013. G-103 was missing from the pdf file, and is now included.

AD-2, ITEM 3:

An Existing Roof Information Drawing was added for reference.

THE FOLLOWING ITEMS ARE APPLICABLE TO THE SPECIFICATIONS:

AD-2, ITEM 4:

Schedule of Separate Contracts Bid Package #8C, Add "Furnish and install Gordon Mullion Mate per detail 8/A501 as required.

AD-2, ITEM 5:

Schedule of Separate Contracts Bid Package #6B, 4th line Change #10A to #10.

AD-2, ITEM 6:

In reference to Section 03300 – Cast-in-Place Concrete, Barrier Bac will be accepted as an alternate. Product must comply with all specification requirements.

AD-2, ITEM 7:

In reference to Section 047200 – Cast Stone Masonry, Marcstone will be accepted as an alternate. Product must comply with all specification requirements.

AD-2, ITEM 8:

In reference to Section 064116 – Plastic-Laminate-Faced Architectural Cabinets, in sub section 2.2 Wood Materials, paragraph B Particleboard, delete 'exterior.' All particleboard is to contain no formaldehyde.

AD-2, ITEM 9:

In reference to Section 064116 – Plastic-Laminate-Faced Architectural Cabinets, in sub section 2.4 Cabinet Hardware and Accessories, delete paragraph B. Butt Hinges. Only concealed hinges are acceptable.

AD-2, ITEM 10:

In reference to Section 083000, Automatic Sliding Door Systems for Clean Room Applications

Substitutions (Nebraska Door) will be accepted, the door must satisfy the requirements in the spec section including: the door must have a push button or a touch less sensor for door operation and have a 2 year MFG warranty.

AD-2, ITEM 11:

In reference to Section 081416 – Flush Wood Doors, Oshkosh will be accepted as an alternate. Product must comply with all specification requirements.

AD-2, ITEM 12:

In reference to Section 087100 – Door Hardware, Add doors 118C, 128B, and 181 to Hardware Set 19.0

AD-2, ITEM 13:

In reference to Section 088000 – Glazing, SaftiFirst will be accepted as an alternate. Product must comply with all specification requirements.

AD-2, ITEM 14:

In reference to Section 095113 – Acoustical Panel Ceilings , Section 2.4 (B) should read "with prefinished 15/16-inch wide metal caps on flanges".

AD-2, ITEM 15:

In reference to Section 102113 – Toilet Compartments, Accurate Partitions and Hadrian will be accepted as an alternate. Product must comply with all specification requirements.

AD-2, ITEM 16:

In reference to Section 102800 – Toilet Accessories , Revise the following:

1. Nourishment 123 - delete the waste receptacle.
2. Soiled Room 122 - no changes.
3. Patient Toilet 117A – Delete (3) 42” Grab Bars.
4. Meds 140 calls – no changes.
5. Toilet Room 156 – add the Following
 - (1) Soap Dispenser (OF/CI)
 - (1) Paper Towel Dispenser (OF/CI)
 - (1) Medium Capacity Waste Receptacle (E) (CF/CI)
 - (1) Single-roll Toilet Tissue Dispenser (CF/CI)
 - (1) 36 inch Grab Bar (CF/CI)
 - (1) 42 inch Grab Bar (CF/CI)
 - (1) Wall Mirror (J) (CF/CI)
6. Women’s 183 – add “NOTE: Re-use existing recessed diaper changing station.”
7. Delete the Medium Capacity Waste Receptacle in the following rooms: 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 101A, 102A, 103A, 104A, 105A, 106A, 107A, 108A, 109A, 110A, 111A, 112A, 113A, 114A, 115A, 116A, 117A, 123, 134, 151, 153B, 176, and 179.

AD-2, ITEM 17:

In reference to Section 105113 – Metal Lockers, Alternates will be accepted. Product must comply with all specification requirements.

AD-2, ITEM 18:

In reference to Section 211313, Wet-Pipe Sprinkler Systems, CPVC fire sprinkler piping will be allowed for the project.

CPVC sprinkler piping shall conform to ASTM F 442F/442M and UL 1821, SDR 13.5 for 175 psi rated pressure at 150 degrees F, with plain ends. Include “LISTED” and “CPVC SPRINKLER PIPE” markings.

CPVC fittings shall be UL listed for 175 psi rated pressure at 150 degrees F, socket type. Include “LISTED” and “CPVC SPRINKLER PIPE” markings. Fittings 3/4 inch to 1-1/4 inch shall be ASTM F 438 and UL 1821, Schedule 40, socket type. Fittings 1-1/2 inch to 3 inch shall be ASTM F 439 and UL 1821, Schedule 80, socket type.

CPVC-to-metal transition fittings and unions shall be CPVC, with dimensions equivalent to pipe; one end with threaded brass insert, and one socket end. Flanges shall be CPVC, one or two pieces.

AD-2, ITEM 19:

In reference to the mechanical specifications and drawings, the following manufacturers may bid as “or equal” manufacturers to those listed in the project specifications or scheduled on the drawings for materials as stated below; however, this does not relieve the supplier from providing products as specified or scheduled and, if products submitted do not meet the intent of the specification, they will be rejected. Items/manufacturer’s not listed below or in the specifications or drawings will not be acceptable.

Section 238239.16 – Propeller Unit Heaters	Rittling Vulcan
Section 232123 – Hydronic Pumps	Armstrong Patterson
Section 233300 – Air Duct Accessories	United Enertech
Section 233113 – Metal Ducts	LaPine Metal Products Lewis & Lambert
Section 233600 – Air Terminal Units	Tuttle and Bailey
Section 233713 – Diffusers, Registers and Grilles	Tuttle and Bailey
Section 233723 – HVAC Gravity Ventilators	Loren Cook
Variable frequency drives (no spec section)	Danfoss

AD-2, ITEM 20:

In reference to Section 283111 - Digital, Addressable Fire-alarm System, entire section is attached.

AD-2, ITEM 21:

In reference to Section 102600 – Wall and Door Protection, regarding handrails, remove Koroguard as an acceptable manufacturer. Only InPro (IPC) will be allowed. Regarding corner guards please add model numbers 160F and 160FR to be used as needed.

AD-2, ITEM 22:

In reference to Section 271500 – Communication Horizontal Cabling, CommScope is an excepted manufacture.

AD-2, ITEM 23:

In reference to the Materials List – Material AF-100, can be purchased through supplier Interwest at either the Denver or Chicago location.

Interwest – Denver
2275 W Chenango Ave #100
Littleton, CO 80120
800.232.8468 (P)
303.777.3472 (F)

Interwest - Chicago
1892 South Elmhurst Road
Mount Prospect, IL 60056
800.232.8468 (P)
303.777.3472 (F)

THE FOLLOWING ITEMS ARE APPLICABLE TO THE DRAWINGS:

AD-2, ITEM 24:

In reference to **Sheet C-101**, see attached Sheet C-101.1 for revised site plan showing sidewalk dimensions on East side of building.

AD-2, ITEM 25:

In reference to **Sheet C-104 Detail 3, Screen wall Section**, please refer to the attached revised detail C104.1

AD-2, ITEM 26:

In reference to **Sheet C-105**, Landscaping Plan, see attached Sheets C-105.1, C-105.2, and C-105.3 for revised Landscape plan changes.

AD-2, ITEM 27:

In reference to **Sheet S-102**, the existing door on the east wall of LDR 117 should be in-filled. Add the following note to room LDR 117 at the existing door on the east wall: See detail 2/S-102 For Infill Information.

AD-2, ITEM 28:

In reference to **Sheet S-103**, see "Notes for Penthouse Roof" and add the following to note 4: "remove entire existing metal roof and replace with 1 1/2", 22 gauge, type 'B' roof deck and attach with a 36/3 welded end pattern and one #10 screw sidelap.

AD-2, ITEM 29:

In reference to **Sheet S-504, Detail 2**, question, "Can anchor bolts in footings be epoxied in place rather than set in concrete?" Anchor rods can be post installed using an adhesive anchor system shown in the general notes on sheet S-001. Anchor rod embedment will be 8" minimum and contractor shall follow supplier's recommendations. The preferred method of placing the anchor rods shall be placing the anchor rods in place prior to pouring concrete.

AD-2, ITEM 30:

In reference to **Sheet AD-201**, the access door not shown on the plans in existing pharmacy office (will be in the new Toilet 179) is to be removed and infill existing hatch opening w/ 1", 26 Ga., type 'C' metal deck. Match existing concrete thickness (5-1/4 inch). Reinforce concrete with 6x6, 10-10 wwm.

AD-2, ITEM 31:

In reference to **Sheet AD-101**, see attached Sheet AD-101.1 for revised demolition plan.

AD-2, ITEM 32:

In reference to **Sheet AD-102**, see attached Sheet AD-102.1 for revised demolition and concrete demolition plan.

AD-2, ITEM 33:

In reference to **Sheet A-101**, see attached Sheet A-101.1 for revised plan.

AD-2, ITEM 34:

In reference to **Sheet A-102**, see attached Sheet A-102.1 for revised plan.

AD-2, ITEM 35:

In reference to **Sheet A-104**, see attached Sheet A-104.1 for sky light infill detail.

AD-2, ITEM 36:

In reference to **Sheet A-202**, see attached Sheet A-202.1 for revised interior elevations

AD-2, ITEM 37:

In reference to **Sheet A-203**, see attached Sheet A-203.1 for revised interior elevations

AD-2, ITEM 38:

In reference to **Sheet A-401.1**, see attached Sheet A-401.1 and A-401.2 for revised enlarged plans.

AD-2, ITEM 39:

In reference to **Sheet A-402.1**, see attached Sheet A-402.1 for revised plans.

AD-2, ITEM 40:

In reference to **Sheet A-502**, see attached Sheet A-502.1 for additional casework details.

AD-2, ITEM 41:

In reference to **Sheets M-113, and M-114**, The existing post-partum room that is being used as an Airborne Infection Isolation (All) room will be demolished during phase 2. The adjacent post-partum room shall be used as the All room during phase 2 until the new All room is constructed. The existing exhaust grilles and ductwork shall be demolished and temporarily installed as shown in attached Sheet M-113.1 and Sheet M-114.1. The existing room pressure monitor serving the All room shall be relocated to the temporary room as required.

AD-2, ITEM 42:

In reference to **Sheet M-113, and M-114**, Demolish the existing exhaust fan located in the restroom off of the boiler room. Provide a new exhaust fan EF-8 and discharge to the outdoors out of the building side wall above the oxygen storage area. The new EF-8 exhaust fan shall be Greenheck model SP-A70, ceiling mounted exhaust fan. Provide model WC hooded wall cap for exhaust termination, and paint to match building exterior. See attached sheet M-114.2.

AD-2, ITEM 43:

In reference to Sheet M-601, disregard/delete the schedule "Louver and Vent Schedule." There are no new louvers or vents to be provided for this project.

AD-2, ITEM 44:

In reference to Sheet M-603, single Duct Terminal Box Installation Detail, disregard/delete the note for Belimo actuators to be provided by UNL CSD. Terminal box actuators shall be provided by the controls contractor, and shall be as specified in Section 230900.

AD-2, ITEM 45:

In reference to Sheet ED-102, see attached Sheet ED-102.1 for added demolition and revised notes.

AD-2, ITEM 46:

In reference to Sheet E-101, see attached Sheet E-101.1 and E-101.2 for revised lighting plan, Greengate is a approved manufacture of lighting control panel and occupancy sensors.

AD-2, ITEM 47:

In reference to Sheet E-101, note the following:

Fixture type in Rooms 149A and 149B is to be "A3."

In Room 117A, fixture type above the tub is to be "C1."

In Room LDR 117, Fixture Type to be "F1."

In Reading 152D, Fixture Type to be "R6."

AD-2, ITEM 48:

In reference to Sheet E-102, see attached Sheet E-102.1 for revised power plan.

AD-2, ITEM 49:

In reference to Sheet E-103, see attached Sheet E-103.1 for revised special systems plan.

AD-2, ITEM 50:

In reference to Sheet E-104, see attached Sheet E-104.1, E-104.2, and E-104.3 for revised Lighting Schedule and Equipment Schedule, revised notes, and new panel locations.

AD-2, ITEM 51:

In reference to Sheet E-104, note the following:

Revised notes reference to cable tray in General Note 10.

See attached Supplement Drawing E-104.2 showing clear Fixture Schedule.

AD-2, ITEM 52:

In reference to Sheet E-501, see attached Sheet E-501.1, E-501.2 and E-501.3 for revised detail #2 and added details #4 and #5.

AD-2, ITEM 53:

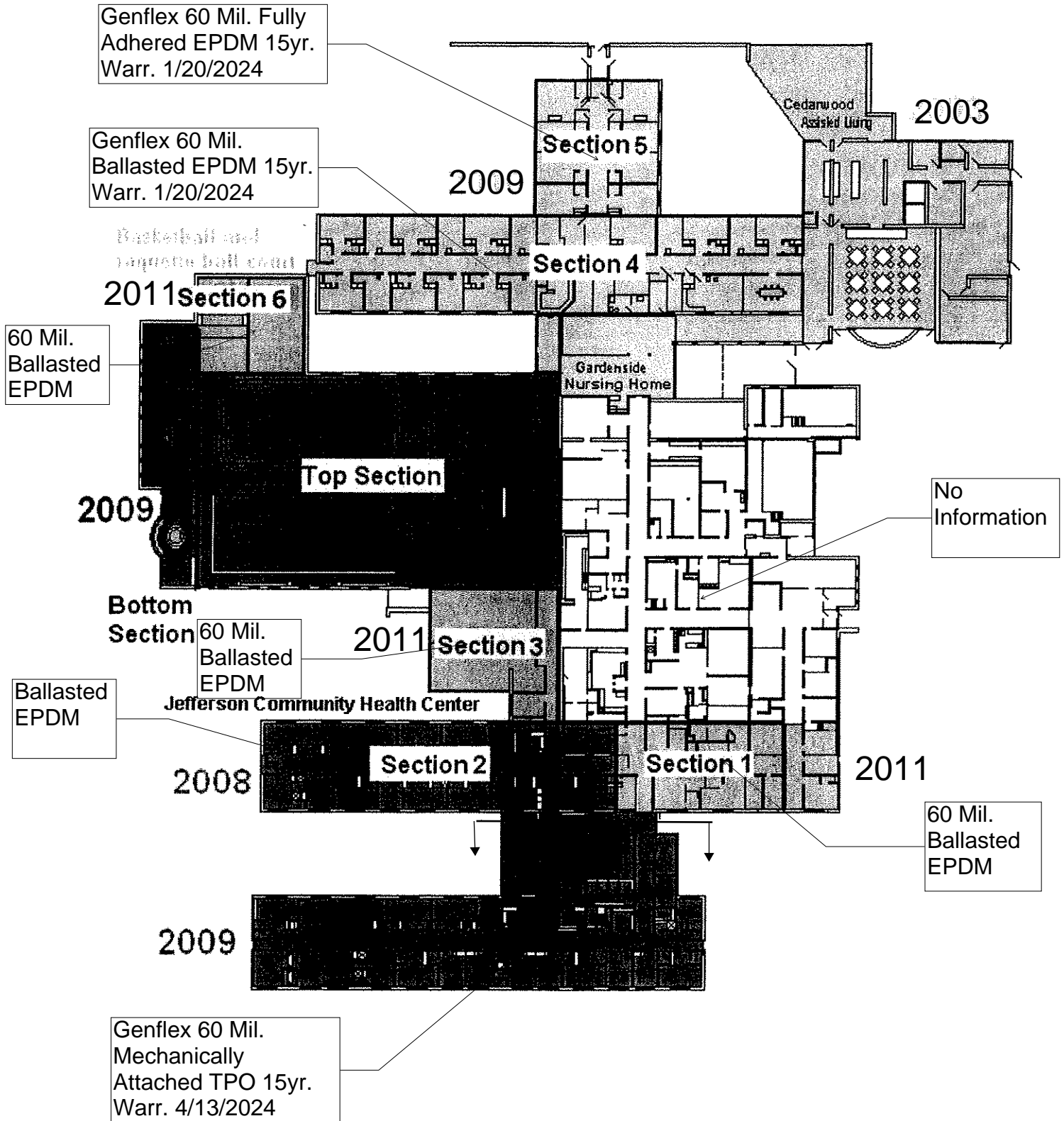
In reference to Sheet E-603, see attached Sheet E-603.1 through E-603.14 for revised panel schedules.

AD-2, ITEM 54:

In reference to Sheet P-105, Provide a new floor sink at Equipment Room 190 for emptying the hydroculator located in the Treatment Room. The floor sink shall be J.R. Smith model 3410, with an acid resistant coated solid cover to be removed during use. Fill p-trap of floor sink with mineral oil at completion of first phase of plumbing work. See attached Sheet P-105.1.

END AD-2

Existing Roof Information



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SECTION 283111 - DIGITAL, ADDRESSABLE FIRE-ALARM SYSTEM

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Fire-alarm control unit.
2. Manual fire-alarm boxes.
3. System smoke detectors.
4. Notification appliances.
5. Magnetic door holders.
6. Remote annunciator.
7. Addressable interface device.
8. Digital alarm communicator transmitter.

1.2 SYSTEM DESCRIPTION

- A. Noncoded, addressable system, with multiplexed signal transmission, dedicated to fire-alarm service only.
- B. Work will include connection to components from other systems such as fire sprinkler system monitoring devices (flow and tamper switches) or security systems.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: For fire-alarm system. Include plans, elevations, sections, details, and attachments to other work.
 1. Comply with recommendations in the "Documentation" Section of the "Fundamentals of Fire Alarm Systems" Chapter in NFPA 72.
 2. Include voltage drop calculations for notification appliance circuits.
 3. Include battery-size calculations.
 4. Include performance parameters and installation details for each detector, verifying that each detector is listed for complete range of air velocity, temperature, and humidity possible when air-handling system is operating.
 5. Include plans, sections, and elevations of heating, ventilating, and air-conditioning ducts, drawn to scale and coordinating installation of duct smoke detectors and access to them. Show critical dimensions that relate to placement and support of sampling tubes, detector housing, and remote status and alarm indicators. Locate detectors according to manufacturer's written recommendations.
 6. Include floor plans to indicate final outlet locations showing address of each addressable device. Show size and route of cable and conduits.

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C. General Submittal Requirements:

1. Submittals shall be approved by authorities having jurisdiction prior to submitting them to Architect.
2. Shop Drawings shall be prepared by persons with the following qualifications:
 - a. Trained and certified by manufacturer in fire-alarm system design.
 - b. NICET-certified fire-alarm technician, Level III minimum.

D. Delegated-Design Submittal: For smoke and heat detectors indicated to comply with performance requirements and design criteria, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

1. Drawings showing the location of each smoke and heat detector, ratings of each, and installation details as needed to comply with listing conditions of the detector.
2. Design Calculations: Calculate requirements for selecting the spacing and sensitivity of detection, complying with NFPA 72.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For qualified Installer.
- B. Field quality-control reports.

1.5 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For fire-alarm systems and components to include in emergency, operation, and maintenance manuals. In addition to items specified, deliver copies to authorities having jurisdiction and include the following:
 1. Comply with the "Records" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA 72.
 2. Provide "Record of Completion Documents" according to NFPA 72 article "Permanent Records" in the "Records" Section of the "Inspection, Testing and Maintenance" Chapter.
 3. Record copy of site-specific software.
 4. Provide "Maintenance, Inspection and Testing Records" according to NFPA 72 article of the same name and include the following:
 - a. Frequency of testing of installed components.
 - b. Frequency of inspection of installed components.
 - c. Requirements and recommendations related to results of maintenance.
 - d. Manufacturer's user training manuals.
 5. Manufacturer's required maintenance related to system warranty requirements.
 6. Abbreviated operating instructions for mounting at fire-alarm control unit.

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- B. Software and Firmware Operational Documentation:
 - 1. Software operating and upgrade manuals.
 - 2. Program Software Backup: On magnetic media or compact disk, complete with data files.
 - 3. Device address list.
 - 4. Printout of software application and graphic screens.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Personnel shall be trained and certified by manufacturer for installation of units required for this Project.
- B. Installer Qualifications: Installation shall be by personnel certified by NICET as fire-alarm Level II technician.
- C. Source Limitations for Fire-Alarm System and Components: Obtain fire-alarm system from single source from single manufacturer. Components shall be compatible with, and operate as, an extension of existing Edwards system.
- D. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

1.7 SOFTWARE SERVICE AGREEMENT

- A. Comply with UL 864.
- B. Technical Support: Beginning with Substantial Completion, provide software support for two years.
- C. Upgrade Service: Update software to latest version at Project completion. Install and program software upgrades that become available within two years from date of Substantial Completion. Upgrading software shall include operating system. Upgrade shall include new or revised licenses for use of software.
 - 1. Provide 30 days' notice to Owner to allow scheduling and access to system and to allow Owner to upgrade computer equipment if necessary.
- D. Provide Owner with all software needed for maintenance and programming.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. [Fire Control Instruments, Inc.; a Honeywell company.](#)

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2. [Fire Lite Alarms; a Honeywell company.](#)
3. [GAMEWELL; a Honeywell company.](#)
4. [GE Infrastructure; a unit of General Electric Company.](#)
5. [NOTIFIER; a Honeywell company.](#)
6. [Siemens Building Technologies, Inc.; Fire Safety Division.](#)
7. [Silent Knight; a Honeywell company.](#)

2.2 SYSTEMS OPERATIONAL DESCRIPTION

- A. Fire-alarm signal initiation shall be by one or more of the following devices:
1. Manual stations.
 2. Smoke detectors.
 3. Duct smoke detectors.
 4. Automatic sprinkler system water flow.
 5. Fire-extinguishing system operation.
 6. Fire standpipe system.
- B. Fire-alarm signal shall initiate the following actions:
1. Continuously operate alarm-notification appliances.
 2. Identify alarm at the fire-alarm control unit and remote annunciators.
 3. Transmit an alarm signal to the remote alarm receiving station.
 4. Release fire and smoke doors held open by magnetic door holders.
 5. Switch heating, ventilating, and air-conditioning equipment controls to fire-alarm mode.
 6. Record events in the system memory.
- C. Supervisory signal initiation shall be by one or more of the following devices and actions:
1. Valve supervisory switch.
- D. System trouble signal initiation shall be by one or more of the following devices and actions:
1. Open circuits, shorts, and grounds in designated circuits.
 2. Opening, tampering with, or removing alarm-initiating and supervisory signal-initiating devices.
 3. Loss of primary power at fire-alarm control unit.
 4. Ground or a single break in fire-alarm control unit internal circuits.
 5. Abnormal ac voltage at fire-alarm control unit.
 6. Break in standby battery circuitry.
 7. Failure of battery charging.
 8. Abnormal position of any switch at fire-alarm control unit or annunciator.
- E. System Trouble and Supervisory Signal Actions: Initiate notification appliance and annunciate at fire-alarm control unit and remote annunciators.

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2.3 FIRE-ALARM CONTROL UNIT

- A. General Requirements for Fire-Alarm Control Unit:
1. Field-programmable, microprocessor-based, modular, power-limited design with electronic modules, complying with UL 864 and listed and labeled by an NRTL.
 - a. System software and programs shall be held in semi-flash electrically erasable programmable read-only memory (EEPROM), retaining the information through failure of primary and secondary power supplies.
 - b. Include a real-time clock for time annotation of events on the event recorder and printer.
 2. Addressable control circuits for operation of mechanical equipment.
- B. Alphanumeric Display and System Controls: Arranged for interface between human operator at fire-alarm control unit and addressable system components including annunciation and supervision. Display alarm, supervisory, and component status messages and the programming and control menu.
1. Annunciator and Display: Liquid-crystal type, 3 line(s) of 80 characters, minimum.
 2. Keypad: Arranged to permit entry and execution of programming, display, and control commands and to indicate control commands to be entered into the system for control of smoke-detector sensitivity and other parameters.
- C. Circuits:
1. Initiating Device, Notification Appliance, and Signaling Line Circuits: NFPA 72, Class A.
 - a. Initiating Device Circuits: Style D.
 - b. Notification Appliance Circuits: Style Z.
 - c. Signaling Line Circuits: Style 6.
 - d. Install no more than 50 addressable devices on each signaling line circuit.
 2. Initiating Device, Notification Appliance, and Signaling Line Circuits: NFPA 72, Class B.
 - a. Initiating Device Circuits: Style B.
 - b. Notification Appliance Circuits: Style X.
 - c. Signaling Line Circuits: Style 4.
 - d. Install no more than 50 addressable devices on each signaling line circuit.
- D. Door Controls: Door hold-open devices that are controlled by smoke detectors at doors in smoke barrier walls shall be connected to fire-alarm system.
- E. Transmission to Remote Alarm Receiving Station: Automatically transmit alarm, supervisory, and trouble signals to a remote alarm station.

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- F. Primary Power: 24-V dc obtained from 120-V ac service and a power-supply module. Initiating devices, notification appliances, signaling lines, trouble signals, supervisory signals shall be powered by 24-V dc source.
 - 1. Alarm current draw of entire fire-alarm system shall not exceed 80 percent of the power-supply module rating.
- G. Secondary Power: 24-V dc supply system with batteries, automatic battery charger, and automatic transfer switch.
 - 1. Batteries: Sealed, valve-regulated, recombinant lead acid.
- H. Instructions: Computer printout or typewritten instruction card mounted behind a plastic or glass cover in a stainless-steel or aluminum frame. Include interpretation and describe appropriate response for displays and signals. Briefly describe the functional operation of the system under normal, alarm, and trouble conditions.

2.4 MANUAL FIRE-ALARM BOXES

- A. General Requirements for Manual Fire-Alarm Boxes: Comply with UL 38. Boxes shall be finished in red with molded, raised-letter operating instructions in contrasting color; shall show visible indication of operation; and shall be mounted on recessed outlet box. If indicated as surface mounted, provide manufacturer's surface back box.
 - 1. Single-action mechanism, pull-lever type. With integral addressable module arranged to communicate manual-station status (normal, alarm, or trouble) to fire-alarm control unit.
 - 2. Double-action mechanism requiring two actions to initiate an alarm, pull-lever type; with integral addressable module arranged to communicate manual-station status (normal, alarm, or trouble) to fire-alarm control unit.
 - 3. Station Reset: Key- or wrench-operated switch.

2.5 SYSTEM SMOKE DETECTORS

- A. General Requirements for System Smoke Detectors:
 - 1. Comply with UL 268; operating at 24-V dc, nominal.
 - 2. Detectors shall be two-wire type.
 - 3. Integral Addressable Module: Arranged to communicate detector status (normal, alarm, or trouble) to fire-alarm control unit.
 - 4. Base Mounting: Detector and associated electronic components shall be mounted in a twist-lock module that connects to a fixed base. Provide terminals in the fixed base for connection to building wiring.
 - 5. Self-Restoring: Detectors do not require resetting or readjustment after actuation to restore them to normal operation.
 - 6. Integral Visual-Indicating Light: LED type indicating detector has operated and power-on status.

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B. Photoelectric Smoke Detectors:

1. Detector address shall be accessible from fire-alarm control unit and shall be able to identify the detector's location within the system and its sensitivity setting.
2. An operator at fire-alarm control unit, having the designated access level, shall be able to manually access the following for each detector:
 - a. Primary status.
 - b. Device type.
 - c. Present average value.
 - d. Present sensitivity selected.
 - e. Sensor range (normal, dirty, etc.).

C. Duct Smoke Detectors: Photoelectric type complying with UL 268A.

1. Detector address shall be accessible from fire-alarm control unit and shall be able to identify the detector's location within the system and its sensitivity setting.
2. An operator at fire-alarm control unit, having the designated access level, shall be able to manually access the following for each detector:
 - a. Primary status.
 - b. Device type.
 - c. Present average value.
 - d. Present sensitivity selected.
 - e. Sensor range (normal, dirty, etc.).
3. Each sensor shall have multiple levels of detection sensitivity.
4. Sampling Tubes: Design and dimensions as recommended by manufacturer for specific duct size, air velocity, and installation conditions where applied.
5. Relay Fan Shutdown: Rated to interrupt fan motor-control circuit.

2.6 NOTIFICATION APPLIANCES

A. General Requirements for Notification Appliances: Connected to notification appliance signal circuits, zoned as indicated, equipped for mounting as indicated and with screw terminals for system connections.

1. Combination Devices: Factory-integrated audible and visible devices in a single-mounting assembly, equipped for mounting as indicated and with screw terminals for system connections.

B. Horns: Electric-vibrating-polarized type, 24-V dc; with provision for housing the operating mechanism behind a grille. Comply with UL 464. Horns shall produce a sound-pressure level of 90 dBA, measured **10 feet** from the horn, using the coded signal prescribed in UL 464 test protocol. Match existing tone.

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- C. Visible Notification Appliances: Xenon strobe lights comply with UL 1971, with clear or nominal white polycarbonate lens mounted on an aluminum faceplate. The word "FIRE" is engraved in minimum **1-inch**- high letters on the lens.

1. Rated Light Output:
 - a. 15/30/75/110 cd, selectable in the field.
2. Mounting: Wall mounted unless otherwise indicated.
3. For units with guards to prevent physical damage, light output ratings shall be determined with guards in place.
4. Flashing shall be in a temporal pattern, synchronized with other units.
5. Strobe Leads: Factory connected to screw terminals.
6. Mounting Faceplate: Factory finished, red.

2.7 MAGNETIC DOOR HOLDERS

- A. Description: Units are equipped for wall or floor mounting as indicated and are complete with matching doorplate.
1. Electromagnet: Furnished by Door Hardware supplier.
- B. Material and Finish: Match door hardware.

2.8 REMOTE ANNUNCIATOR

- A. Description: Annunciator functions shall match those of fire-alarm control unit for alarm, supervisory, and trouble indications. Manual switching functions shall match those of fire-alarm control unit, including acknowledging, silencing, resetting, and testing.
1. Mounting: Flush cabinet, NEMA 250, Type 1.
 2. Mounting: Surface cabinet, NEMA 250, Type 1. (Nurse's Station located at front desk)
- B. Display Type and Functional Performance: Alphanumeric display and LED indicating lights shall match those of fire-alarm control unit. Provide controls to acknowledge, silence, reset, and test functions for alarm, supervisory, and trouble signals.

2.9 ADDRESSABLE INTERFACE DEVICE

- A. Description: Microelectronic monitor module, NRTL listed for use in providing a system address for alarm-initiating devices for wired applications with normally open contacts.

2.10 DIGITAL ALARM COMMUNICATOR TRANSMITTER

- A. Digital alarm communicator transmitter shall be acceptable to the remote central station and shall comply with UL 632 and be listed and labeled by an NRTL.

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FAIRBURY, NEBRASKA**

- B. Functional Performance: Unit shall receive an alarm, supervisory, or trouble signal from fire-alarm control unit and automatically capture one telephone line(s) and dial a preset number for a remote central station. When contact is made with central station(s), signals shall be transmitted. If service on either line is interrupted for longer than 45 seconds, transmitter shall initiate a local trouble signal and transmit the signal indicating loss of telephone line to the remote alarm receiving station over the remaining line. Transmitter shall automatically report telephone service restoration to the central station. If service is lost on both telephone lines, transmitter shall initiate the local trouble signal.
- C. Local functions and display at the digital alarm communicator transmitter shall include the following:
 - 1. Verification that both telephone lines are available.
 - 2. Programming device.
 - 3. LED display.
 - 4. Manual test report function and manual transmission clear indication.
 - 5. Communications failure with the central station or fire-alarm control unit.
- D. Digital data transmission shall include the following:
 - 1. Address of the alarm-initiating device.
 - 2. Address of the supervisory signal.
 - 3. Address of the trouble-initiating device.
 - 4. Loss of ac supply or loss of power.
 - 5. Low battery.
 - 6. Abnormal test signal.
 - 7. Communication bus failure.
- E. Secondary Power: Integral rechargeable battery and automatic charger.
- F. Self-Test: Conducted automatically every 24 hours with report transmitted to central station.

PART 3 - EXECUTION

3.1 EQUIPMENT INSTALLATION

- A. Comply with NFPA 72 for installation of fire-alarm equipment.
- B. Install wall-mounted equipment, with tops of cabinets not more than **72 inches** above the finished floor.
- C. Connecting to Existing Equipment: Verify that existing fire-alarm system is operational before making changes or connections.
 - 1. Connect new equipment to existing monitoring equipment at the supervising station.
 - 2. Expand, modify, and supplement existing monitoring equipment as necessary to extend existing monitoring functions to the new points. New components shall be capable of merging with existing configuration without degrading the performance of either system.

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- D. Duct Smoke Detectors: Comply with NFPA 72 and NFPA 90A. Install sampling tubes so they extend the full width of duct.
- E. Remote Status and Alarm Indicators: Install near each smoke detector and each sprinkler water-flow switch and valve-tamper switch that is not readily visible from normal viewing position.
- F. Device Location-Indicating Lights: Locate in public space near the device they monitor.
- G. Fire-Alarm Control Unit: Semi-flush mounted, with tops of cabinets not more than **72 inches** above the finished floor.
- H. Annunciator: Install with top of panel not more than **72 inches** above the finished floor.

3.2 CONNECTIONS

- A. Make addressable connections with a supervised interface device to the following devices and systems. Install the interface device less than **3 feet** from the device controlled. Make an addressable confirmation connection when such feedback is available at the device or system being controlled.

3.3 IDENTIFICATION

- A. Identify system components, wiring, cabling, and terminals. Comply with requirements for identification specified in Section 260553 "Identification for Electrical Systems."
- B. Install framed instructions in a location visible from fire-alarm control unit.

3.4 GROUNDING

- A. Ground fire-alarm control unit and associated circuits; comply with IEEE 1100. Install a ground wire from main service ground to fire-alarm control unit.

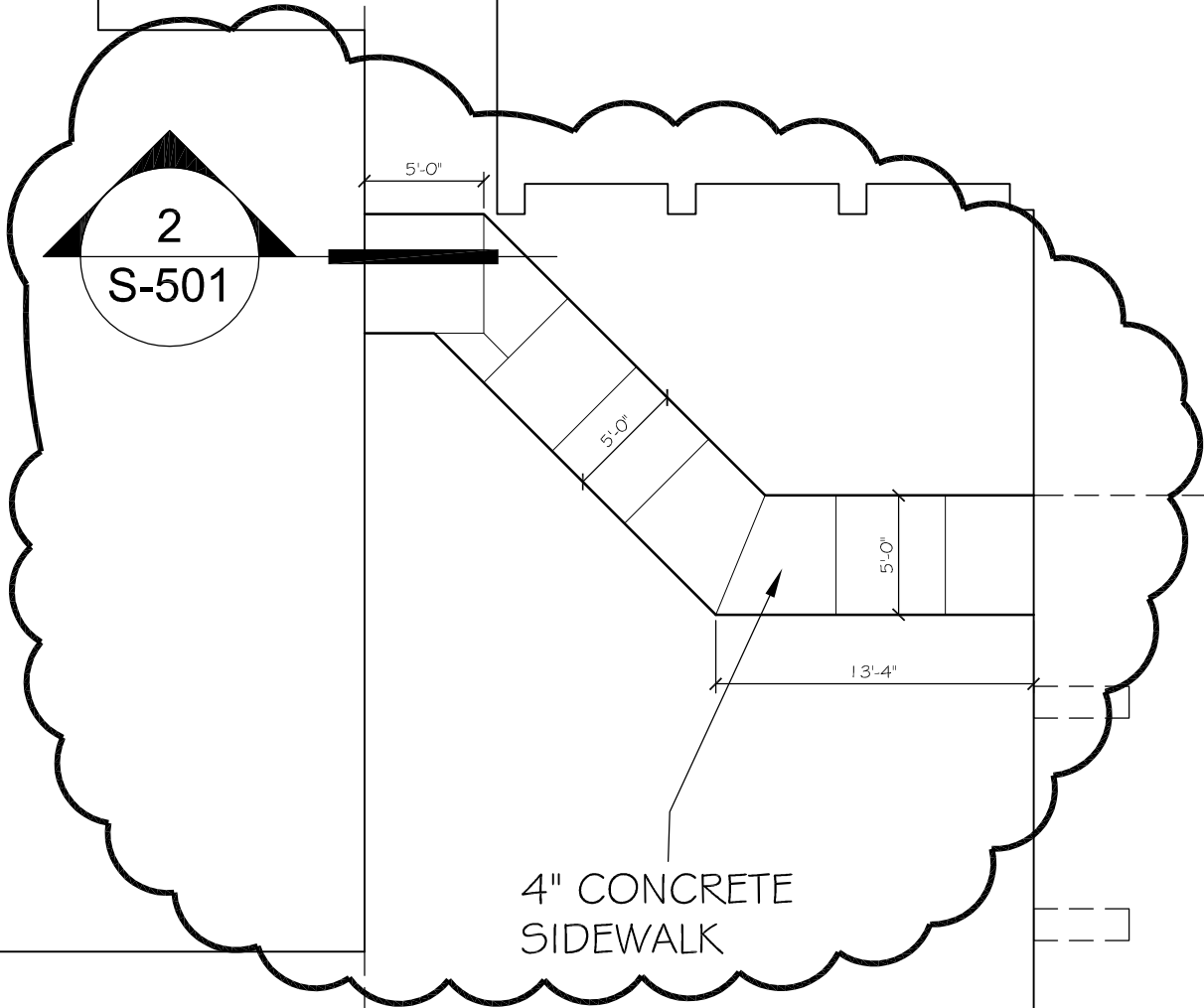
3.5 FIELD QUALITY CONTROL

- A. Field tests shall be witnessed by authorities having jurisdiction.
- B. Tests and Inspections:
 - 1. Visual Inspection: Conduct visual inspection prior to testing.
 - a. Inspection shall be based on completed Record Drawings and system documentation that is required by NFPA 72 in its "Completion Documents, Preparation" Table in the "Documentation" Section of the "Fundamentals of Fire Alarm Systems" Chapter.
 - b. Comply with "Visual Inspection Frequencies" Table in the "Inspection" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA 72; retain the "Initial/Reacceptance" column and list only the installed components.

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2. System Testing: Comply with "Test Methods" Table in the "Testing" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA 72.
 3. Factory-authorized service representative shall prepare the "Fire Alarm System Record of Completion" in the "Documentation" Section of the "Fundamentals of Fire Alarm Systems" Chapter in NFPA 72 and the "Inspection and Testing Form" in the "Records" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA 72.
- C. Reacceptance Testing: Perform reacceptance testing to verify the proper operation of added or replaced devices and appliances.
- D. Fire-alarm system will be considered defective if it does not pass tests and inspections.
- E. Prepare test and inspection reports.
- F. Maintenance Test and Inspection: Perform tests and inspections listed for weekly, monthly, quarterly, and semiannual periods. Use forms developed for initial tests and inspections.
- G. Annual Test and Inspection: One year after date of Substantial Completion, test fire-alarm system complying with visual and testing inspection requirements in NFPA 72. Use forms developed for initial tests and inspections.

END OF SECTION 283111



1

Site Plan

Scale: 1/8" = 1'-0"



Lincoln
 1221 N Street, Suite 600
 Lincoln NE 68508
 Phone 402-476-9700
 Fax 402-476-9722

Vermillion
 15 East Main, Suite 201
 Vermillion SD 57069
 Phone 605-624-1081

Client Information

JCHC


2200 H St.
 Fairbury, NE 68506

Project Information

**Patient Wing
 Renovation**

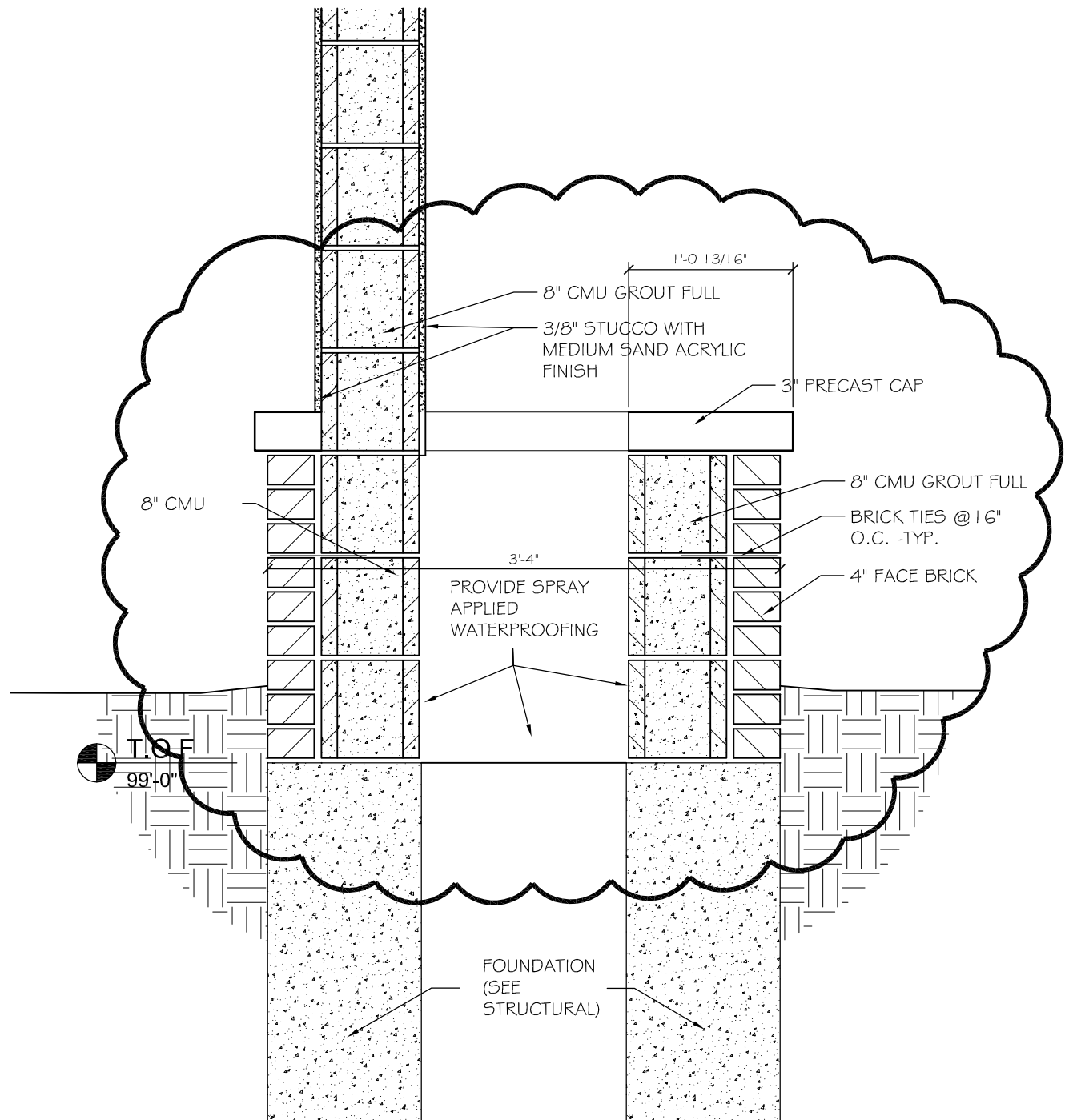
Issue Date	01-25-2013
Job #	11-0185
Drawn by:	ddh
CADD file:	C-10x.dwg

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Screen Wall Planter	
AD-2 	

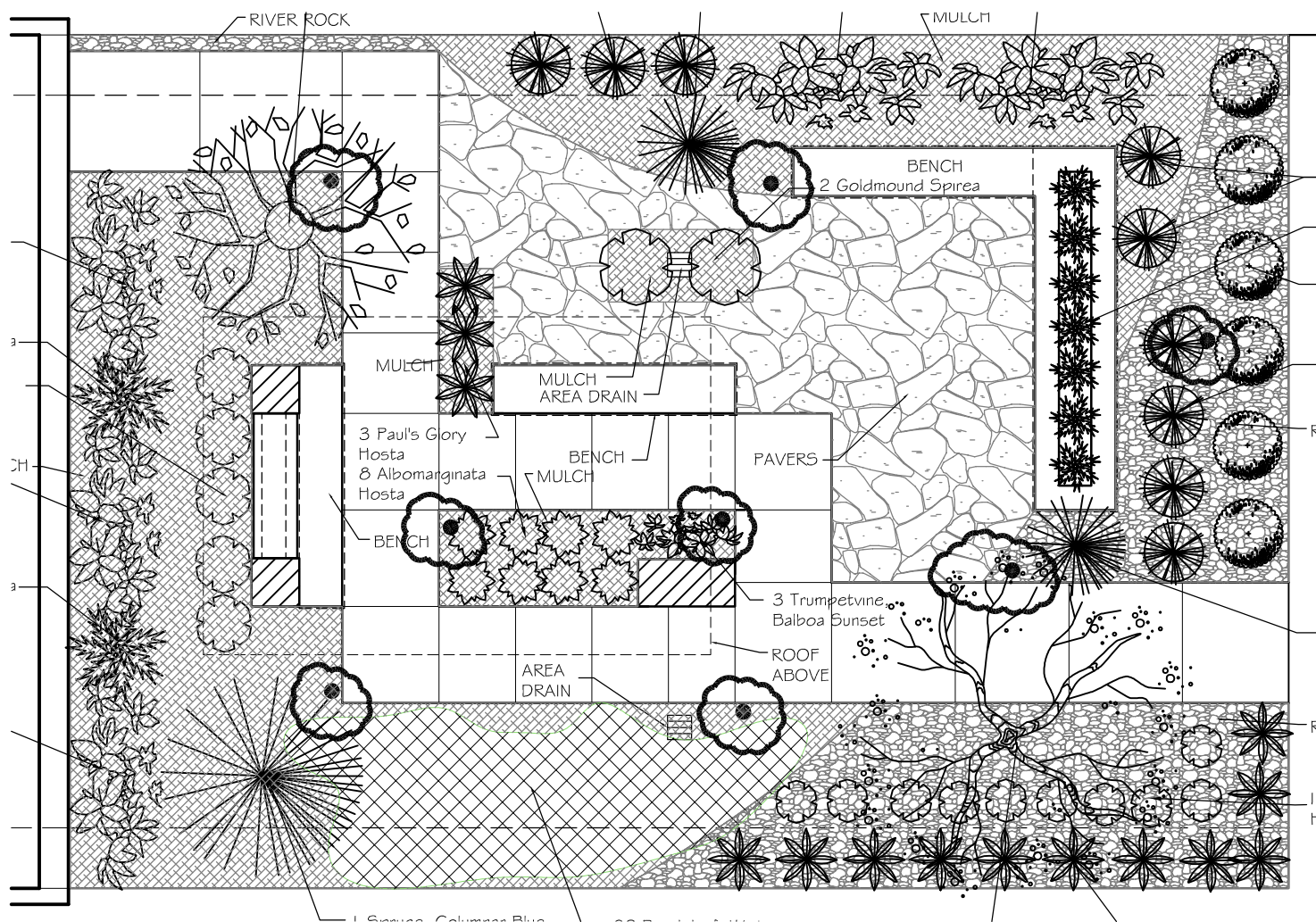
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Drawing #	C-101.1
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3 Screen Wall Section
 Scale: 1" = 1'-0"

 <p>DAVIS DESIGN ARCHITECTURE ENGINEERING INTERIOR DESIGN</p>	<p>Lincoln 1221 N Street, Suite 600 Lincoln NE 68508 Phone 402-476-9700 Fax 402-476-9722</p>	<p>Client Information JCHC 2200 H St. Fairbury, NE 68506</p>	<p>Issue Date: 01-25-2013 Job #: 11-0185 Drawn by: ddh CADD file: C-10x.dwg</p>	
	<p>Vermillion 15 East Main, Suite 201 Vermillion SD 57069 Phone 605-624-1081</p>	<p>Project Information Patient Wing Renovation</p>	<p><small>COPYRIGHT © DAVIS DESIGN ALL RIGHTS RESERVED</small></p>	<p>Drawing Title Screen Wall Planter AD-2 </p>
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			<p>Drawing # C-104.1</p>	



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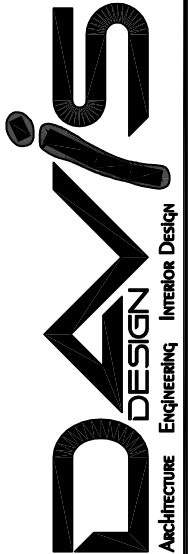
Courtyard Lanscaping Plan

Scale: 1/8" = 1'-0"

Quantity	Botanical Name	Common Name	Condition	Size
2	<u>Acer saccharum Bontfire</u>	Bontfire Sugar Maple	B & B	3"
8	<u>Spiraea x Goldflame</u>	Goldflame Spirea	Cont	#3
2	<u>Spiraea x Goldmound</u>	Goldmound Spirea	Cont	#3
7	<u>Pinus mugo</u>	Mugo Pine	Cont	#3
28	<u>Rosa sp.</u>	Knockout Shrubrose	Cont	#3
28	<u>Rosa sp.</u>	Nearly Wild Shrubrose	Cont	#3
6	<u>Euonymus alatus</u>	Burning Bush	Cont	#3
2	<u>Malus sp. 'David'</u>	David Crabapple	B & B	3"

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 1221 N Street, Suite 600
 Lincoln NE 68508
 Phone 402-476-9700
 Fax 402-476-9722

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Client Information

JCHC

2200 H St.
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Project Information

Patient Wing
 Renovation

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Drawing Title

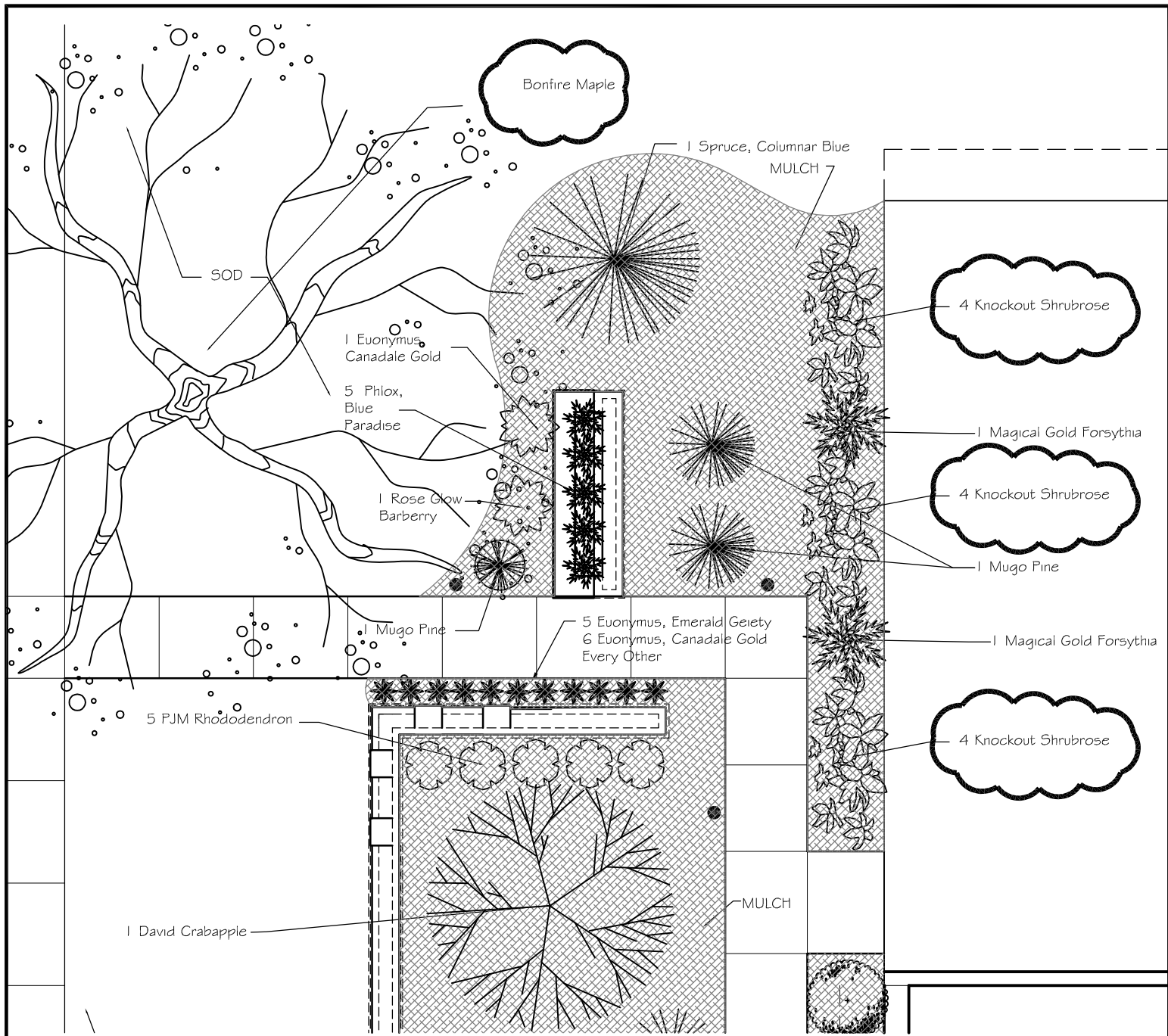
Courtyard Lanscaping Plan
 Revision AD-2

1

From Sheet:
 C-105

for CA use:

Drawing #
 C-105.1



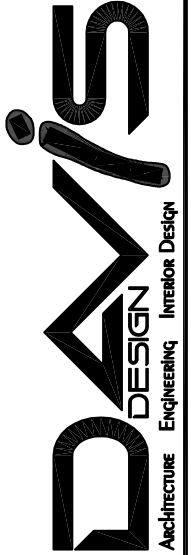
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Lanscaping Plan - North

Scale: 1/8" = 1'-0"

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 Fairbury, NE 68506

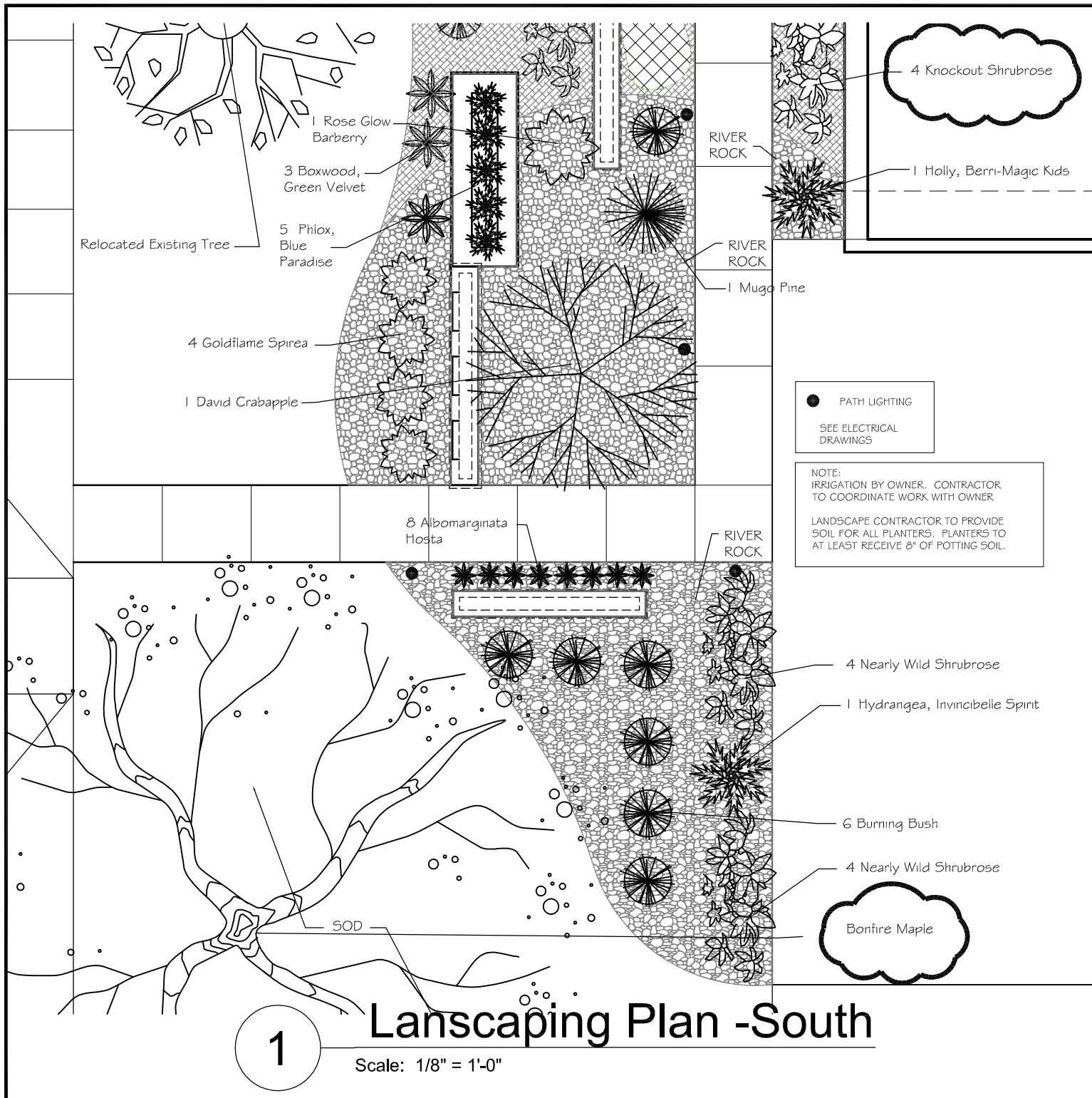
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**Patient Wing
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Job #	11-0185
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CADD file:	C-10x.dwg

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Drawing Title
 Landscaping Plan Revision
 AD-2 1

From Sheet: C-105 for CA use:
 Drawing # C-105.2



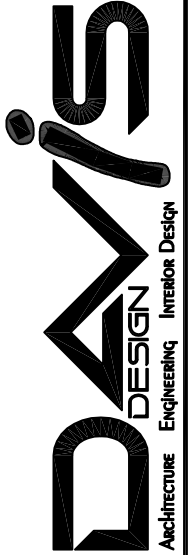
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Lanscaping Plan -South

Scale: 1/8" = 1'-0"

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Lincoln NE 68508
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Fax 402-476-9722

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Vermillion SD 57069
Phone 605-624-1081



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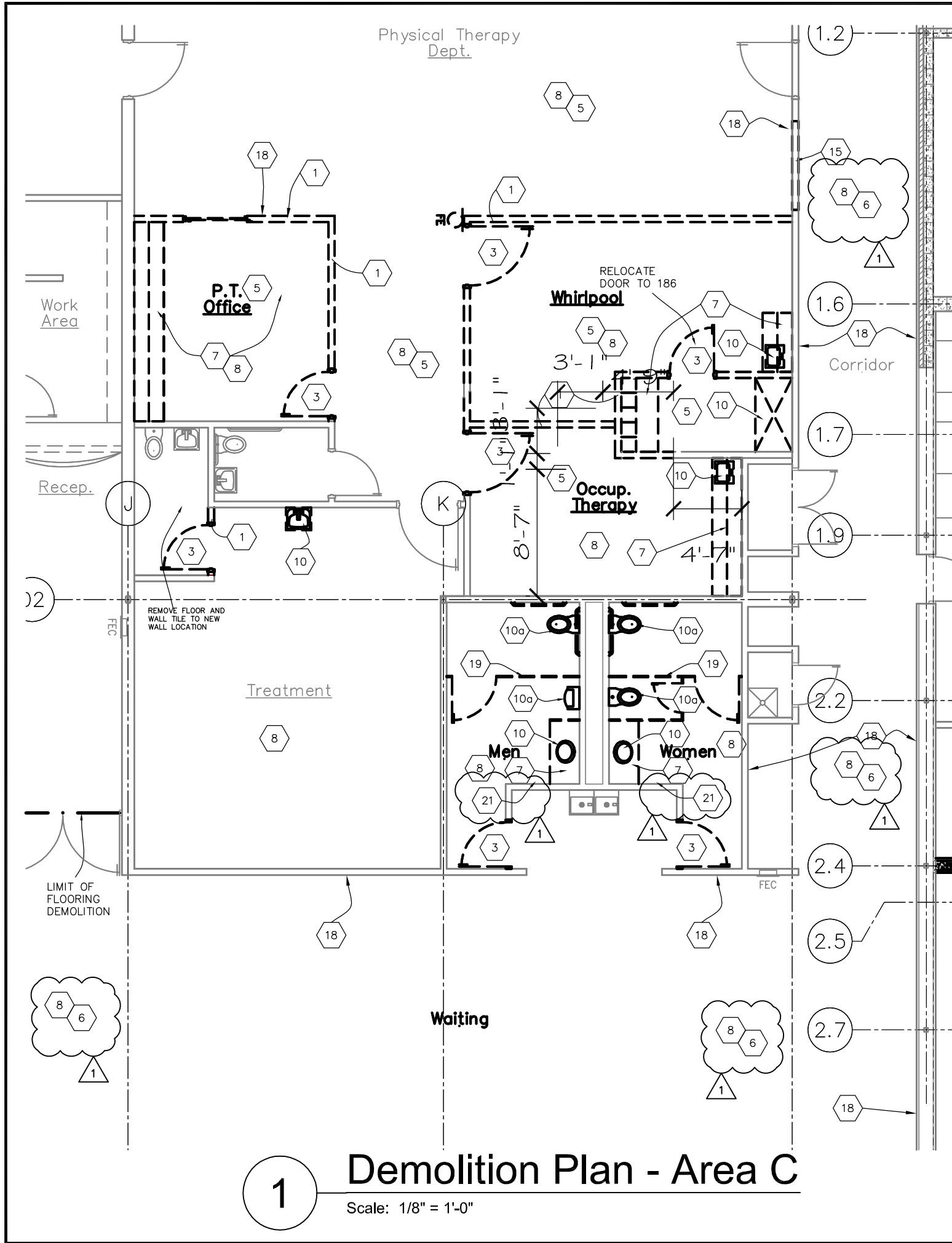
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**Patient Wing
Renovation**

Issue Date	01-25-2013
Job #	11-0185
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CADD file:	C-10x.dwg

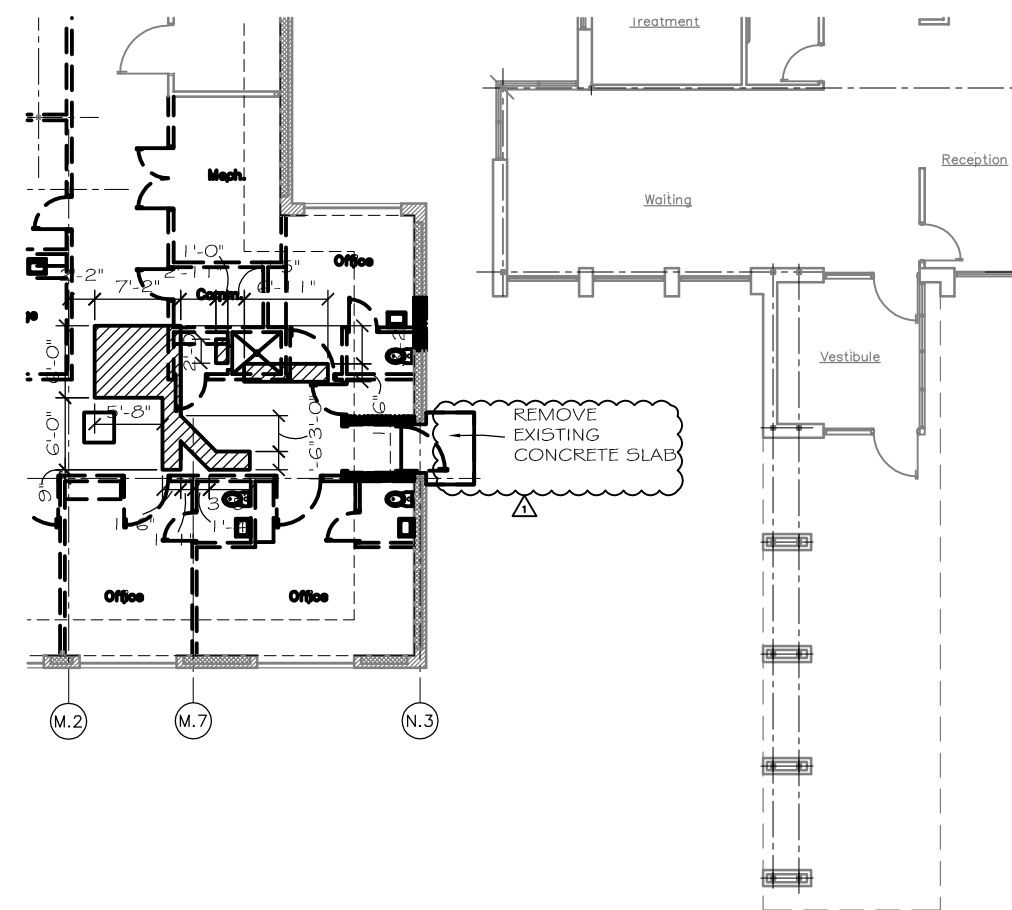
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Drawing Title
Landscaping Plan Revision
AD-2 1

From Sheet: C-105	for CA use:
Drawing # C-105.3	



1 Demolition Plan - Area C
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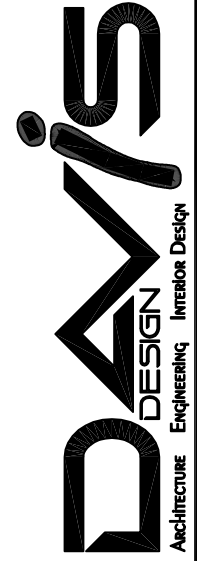


2 Concrete Demolition Plan
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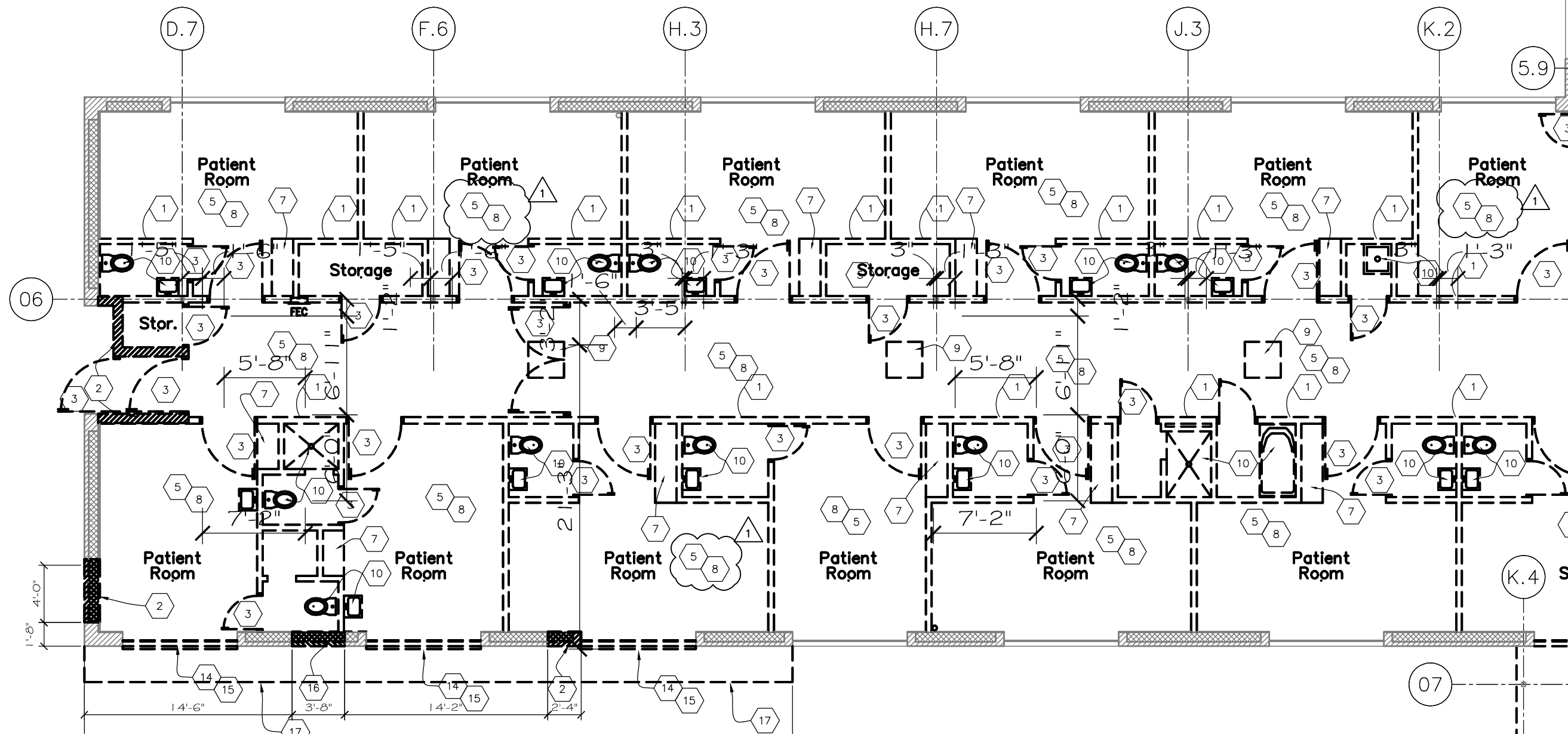
- ### Referenced Demolition Notes
- 1 8 REMOVE EXISTING FLOORING AS REQ'D. OWNER TO ABATE ASBESTOS MATERIALS ACCORDING TO EPA STANDARDS AND BUILDING CODES. COORDINATE WITH FINISH SCHEDULES AND FLOORING PLAN. REFER TO SPECIFICATIONS SECTION 003126.
 - 1 9 REMOVE EXISTING SKYLIGHT. OWNER TO ABATE ASBESTOS MATERIALS ACCORDING TO EPA STANDARDS AND BUILDING CODES. SEE DETAIL 8/A-104 FOR ROOF PATCH. COORDINATE WITH FINISH SCHEDULES AND FLOORING PLAN. REFER TO SPECIFICATIONS SECTION 003126.
 - 1 17 REMOVE EXISTING EXTERIOR SOFFIT AND FASCIA. OWNER TO ABATE ASBESTOS MATERIALS ACCORDING TO EPA STANDARDS AND BUILDING CODES. COORDINATE WITH FINISH SCHEDULES AND FLOORING PLAN. REFER TO SPECIFICATIONS SECTION 003126.
 - 1 18 REMOVE EXISTING VINYL WALL COVERING. REMOVE ALL EXISTING ADHESIVE. PATCH/REPLACE ALL DAMAGED GYPSUM DRYWALL. SKIM COAT ENTIRE WALL SURFACE TO BRING SURFACE TO LEVEL '4' FINISH FOR WALL COVERING OR LEVEL '5' FINISH FOR PAINT. COORDINATE LOCATIONS WITH ROOM FINISH SCHEDULE.
 - 1 19 REMOVE EXISTING TOILET PARTITIONS.
 - 1 20 REMOVE EXISTING HANDRAILS.
 - 1 21 REMOVE EXISTING RECESSED PAPER TOWEL DISPENSER/TRASH RECEPTACLE. PATCH WALL TO BE FINISHED WITH NEW TILE. (PATCH MUST BE LEVEL WITH FACE OF EXISTING TILE DUE TO NEW TILE TO BE INSTALLED OVER EXISTING TILE.)

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Lincoln, NE 68508
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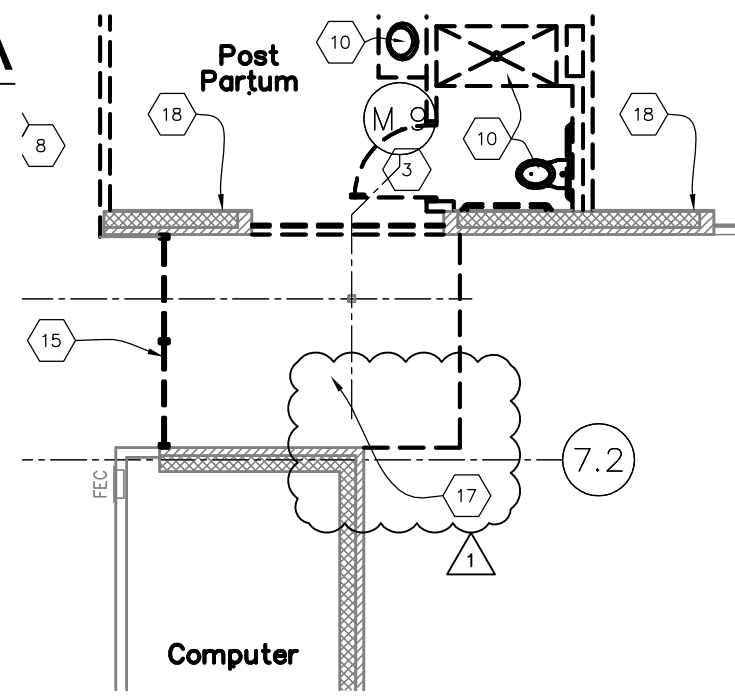
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JCHC	
2200 H St. Fairbury, NE 68506	
Project Information	
Patient Wing Renovation	
Issue Date	01-25-2013
Job #	11-0185
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Demolition Floor Plans Area - C & Concrete Demo AD-2	
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Drawing #	
AD-102.1	



- ### Referenced Demolition Notes
- 8 REMOVE EXISTING FLOORING AS REQ'D. OWNER TO ABATE ASBESTOS MATERIALS ACCORDING TO EPA STANDARDS AND BUILDING CODES. COORDINATE WITH FINISH SCHEDULES AND FLOORING PLAN. REFER TO SPECIFICATIONS SECTION 003126.
 - 9 REMOVE EXISTING SKYLIGHT. OWNER TO ABATE ASBESTOS MATERIALS ACCORDING TO EPA STANDARDS AND BUILDING CODES. SEE DETAIL 8/A-104 FOR ROOF PATCH. COORDINATE WITH FINISH SCHEDULES AND FLOORING PLAN. REFER TO SPECIFICATIONS SECTION 003126.
 - 17 REMOVE EXISTING EXTERIOR SOFFIT AND FASCIA. OWNER TO ABATE ASBESTOS MATERIALS ACCORDING TO EPA STANDARDS AND BUILDING CODES. COORDINATE WITH FINISH SCHEDULES AND FLOORING PLAN. REFER TO SPECIFICATIONS SECTION 003126.
 - 18 REMOVE EXISTING VINYL WALL COVERING. REMOVE ALL EXISTING ADHESIVE. PATCH/REPLACE ALL DAMAGED GYPSUM DRYWALL. SKIM COAT ENTIRE WALL SURFACE TO BRING SURFACE TO LEVEL '4' FINISH FOR WALL COVERING OR LEVEL '5' FINISH FOR PAINT. COORDINATE LOCATIONS WITH ROOM FINISH SCHEDULE.
 - 19 REMOVE EXISTING TOILET PARTITIONS.
 - 20 REMOVE EXISTING HANDRAILS.
 - 21 REMOVE EXISTING RECESSED PAPER TOWEL DISPENSER/TRASH RECEPTACLE. PATCH WALL TO BE FINISHED WITH NEW TILE. (PATCH MUST BE LEVEL WITH FACE OF EXISTING TILE DUE TO NEW TILE TO BE INSTALLED OVER EXISTING TILE.)

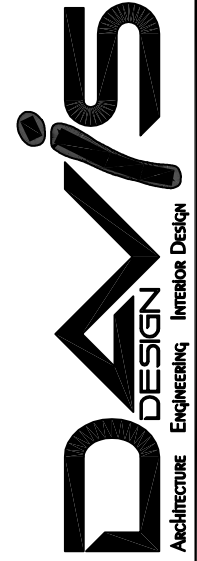
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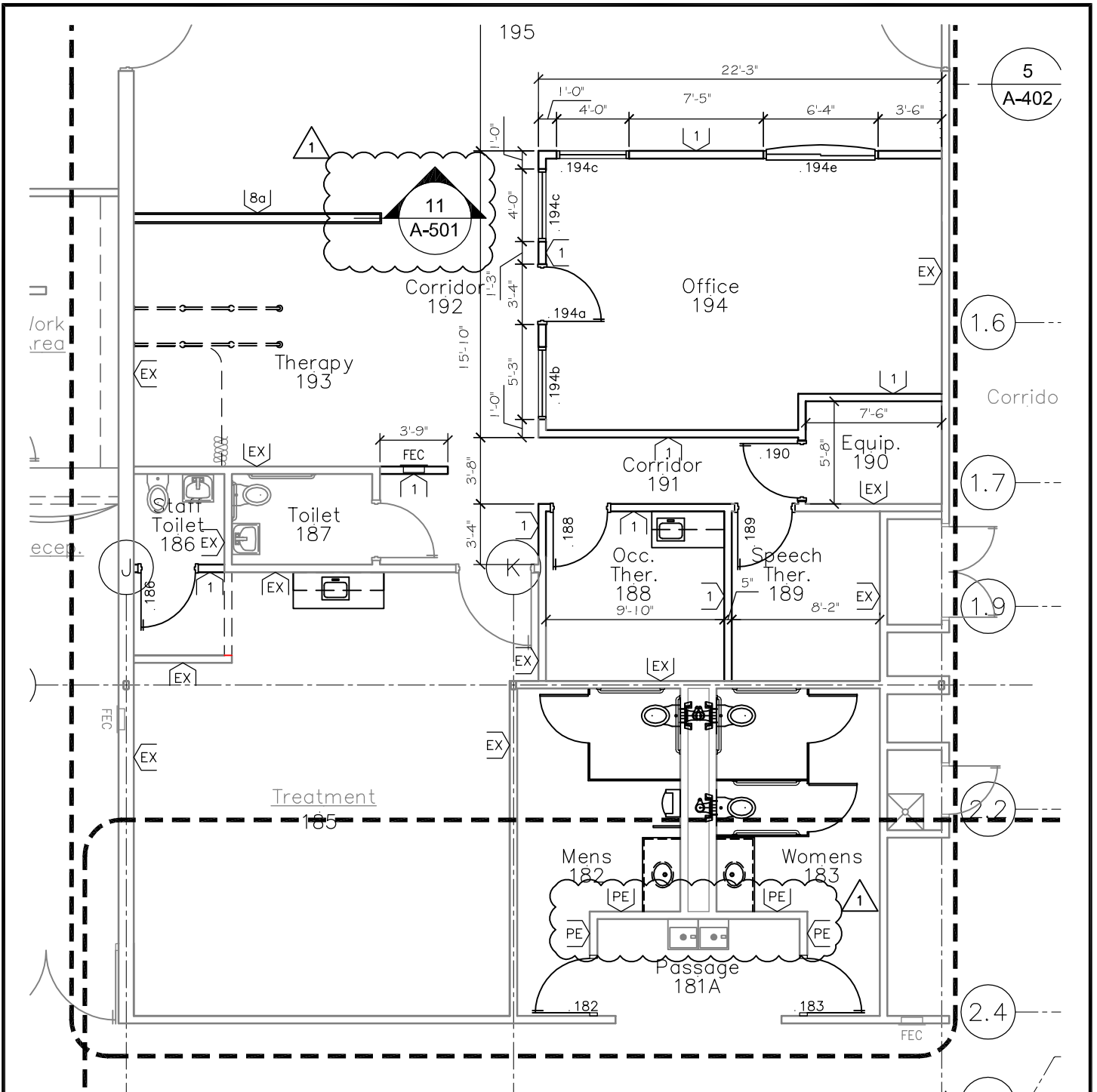


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Lincoln, NE 68508
Phone 402-476-9700
Fax 402-476-9722

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Vermillion, SD 57069
Phone 605-624-1081



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JCHC	
2200 H St. Fairbury, NE 68506	
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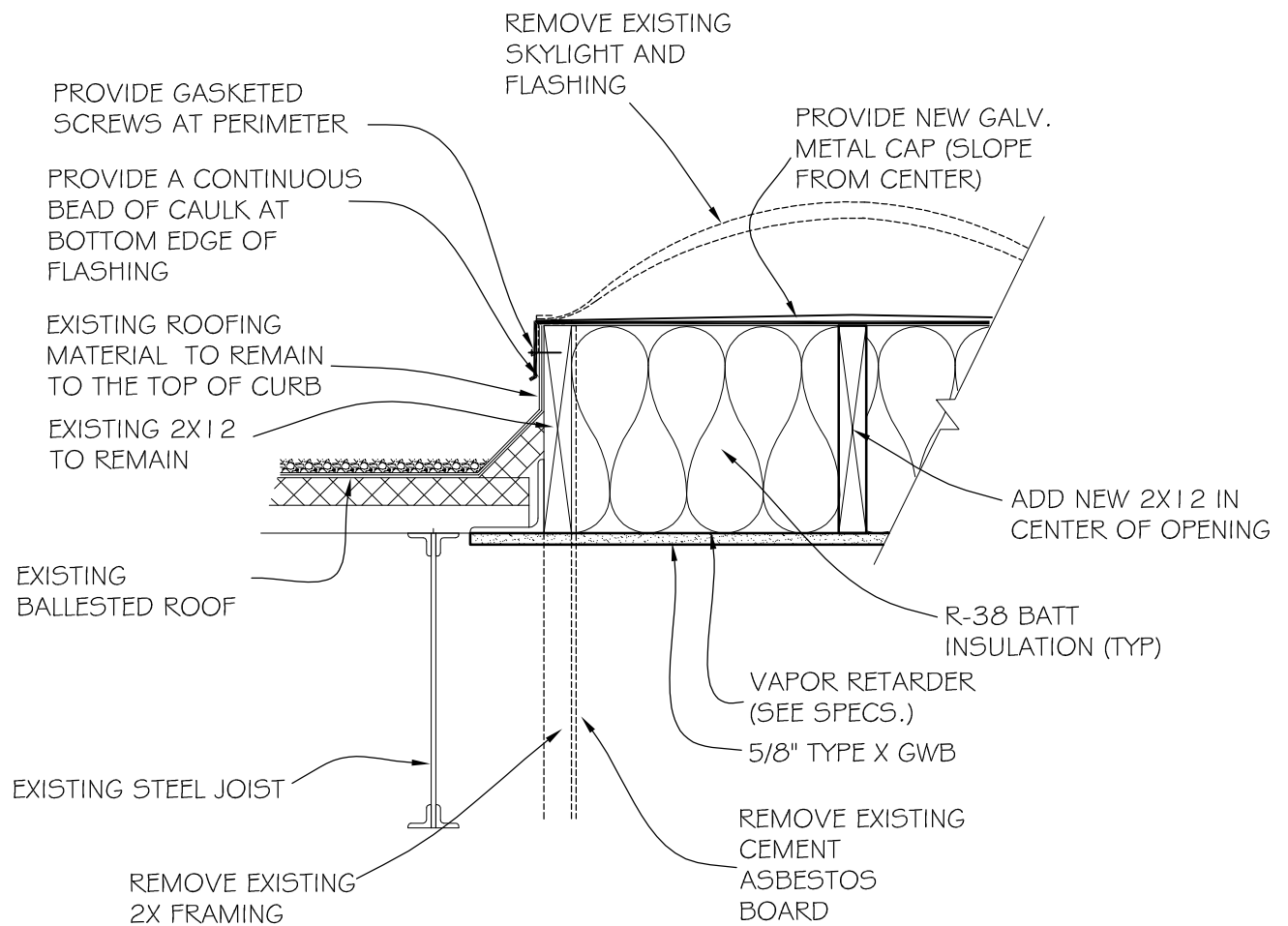


1

Floor Plan

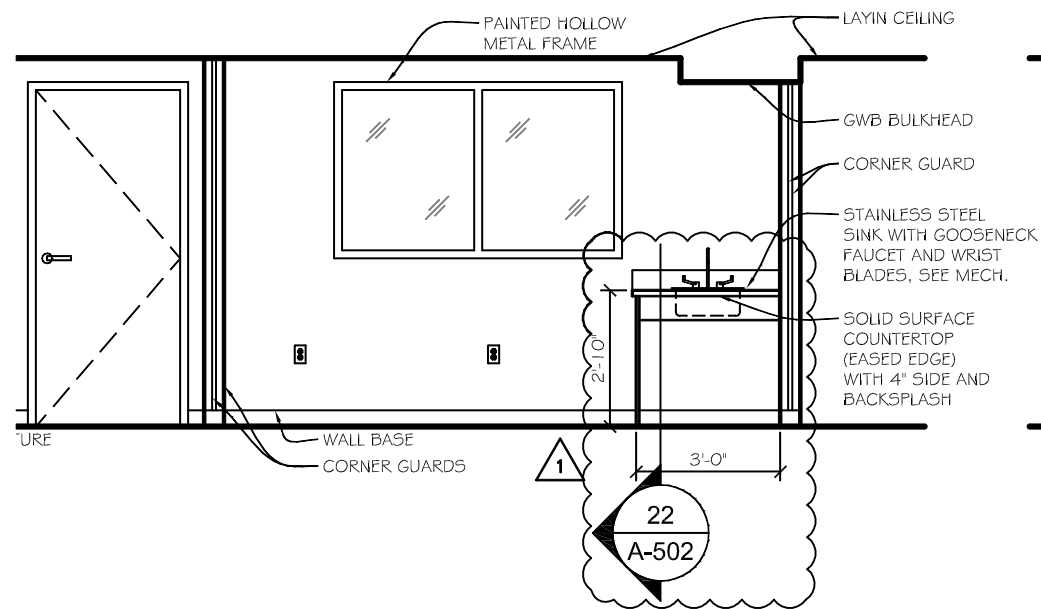
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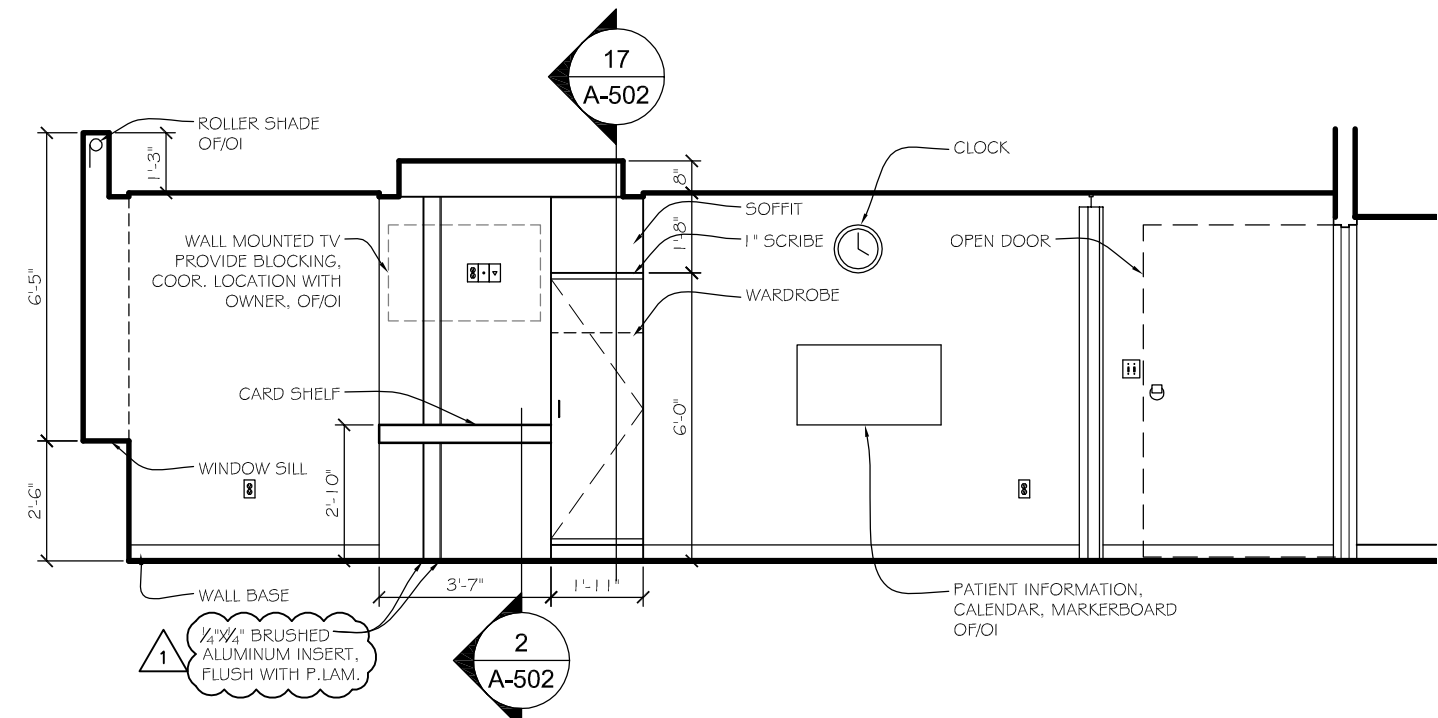


8
Skylight Detail
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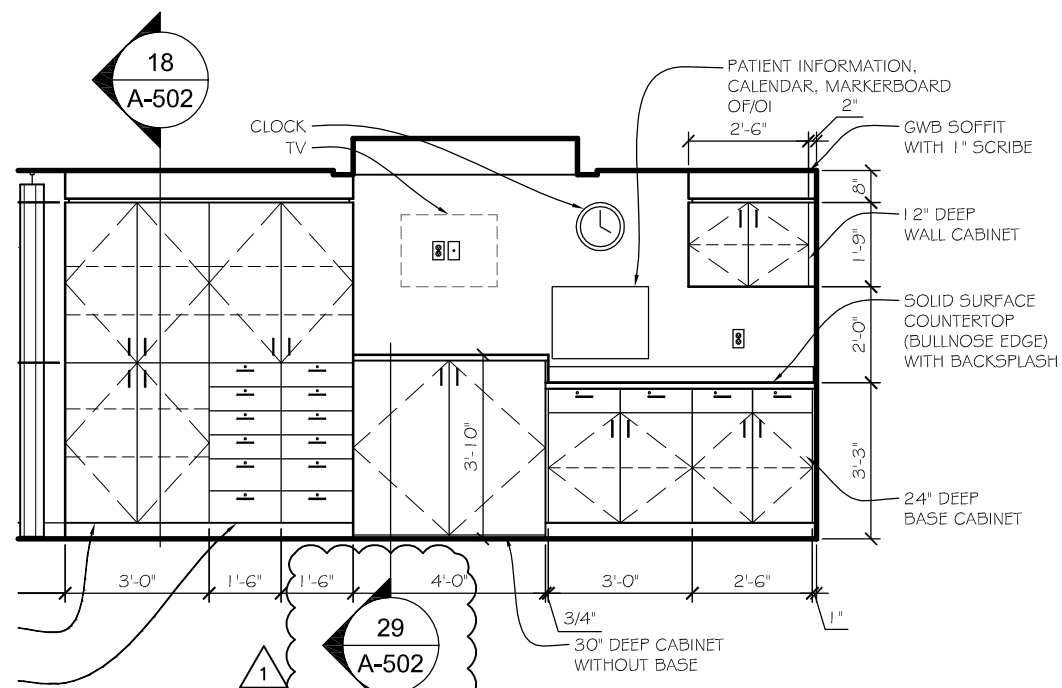
<p>DAVIS DESIGN ARCHITECTURE ENGINEERING INTERIOR DESIGN</p>	<p>Lincoln 1221 N Street, Suite 600 Lincoln NE 68508 Phone 402-476-9700 Fax 402-476-9722</p>	<p>Client Information JCHC 2200 H St. Fairbury, NE 68506</p>	<p>Issue Date: 01-25-2013 Job #: 11-0185 Drawn by: ddh CADD file: A-104.1</p>	
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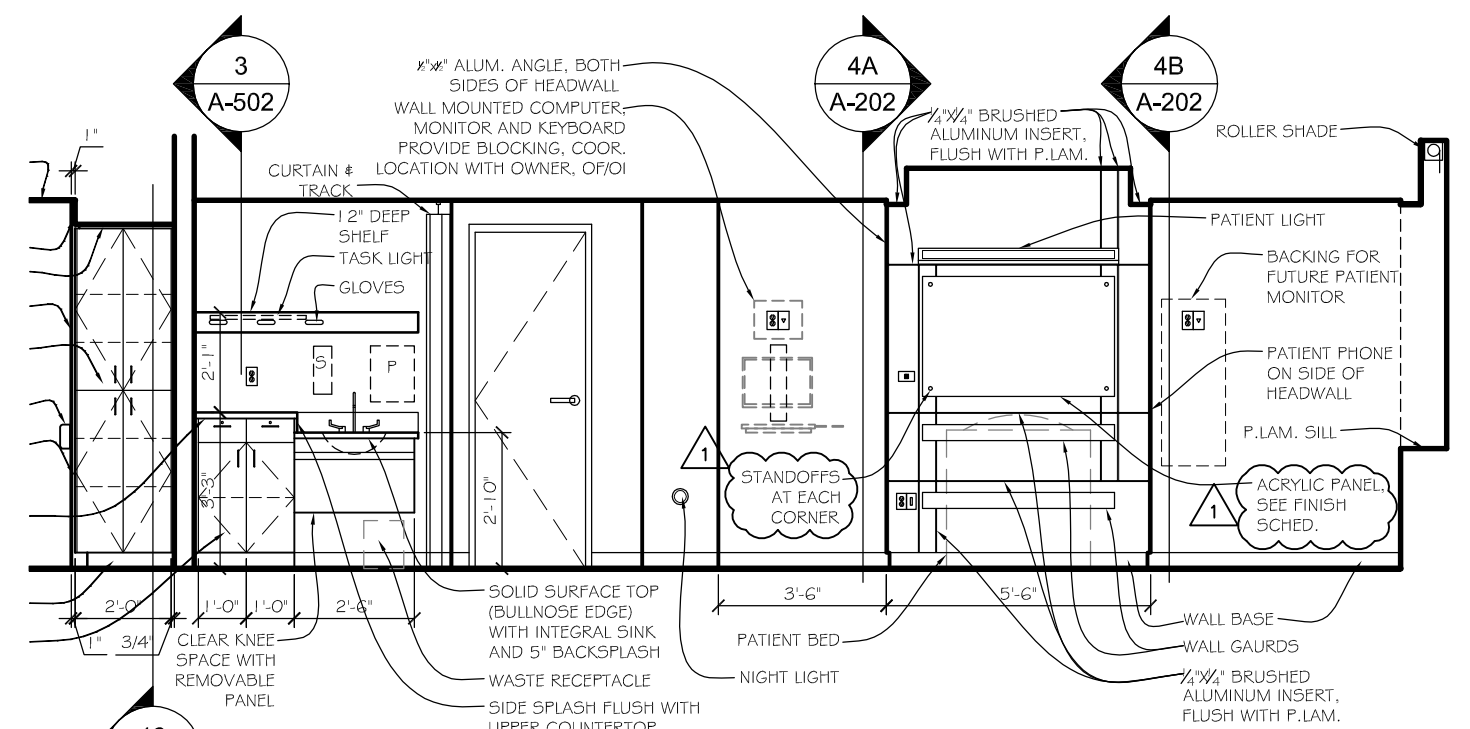
28 Dict. Elevation
Scale: 1/4" = 1'-0"



1 Patient Room Elevation
Scale: 1/4" = 1'-0"



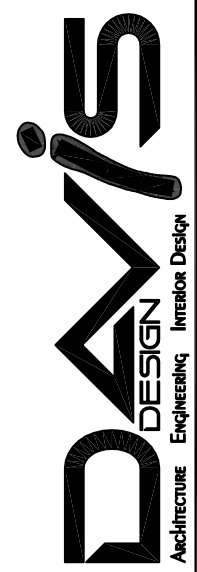
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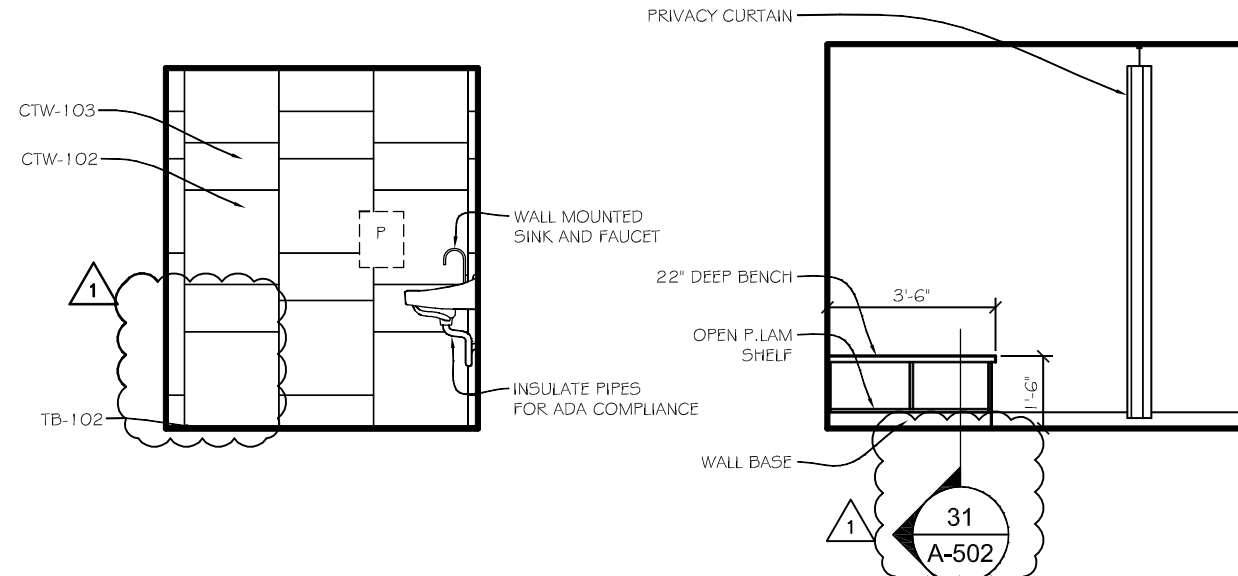
3 Patient Room Elevation
Scale: 1/4" = 1'-0"

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Lincoln, NE 68508
Phone 402-476-9700
Fax 402-476-9722

Vermillion
15 East Main, Suite 201
Vermillion, SD 57069
Phone 605-624-1081



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JCHC	
2200 H St. Fairbury, NE 68506	
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Interior Elevations	
AD-2 1	
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Drawing #	
A-202.1	



14

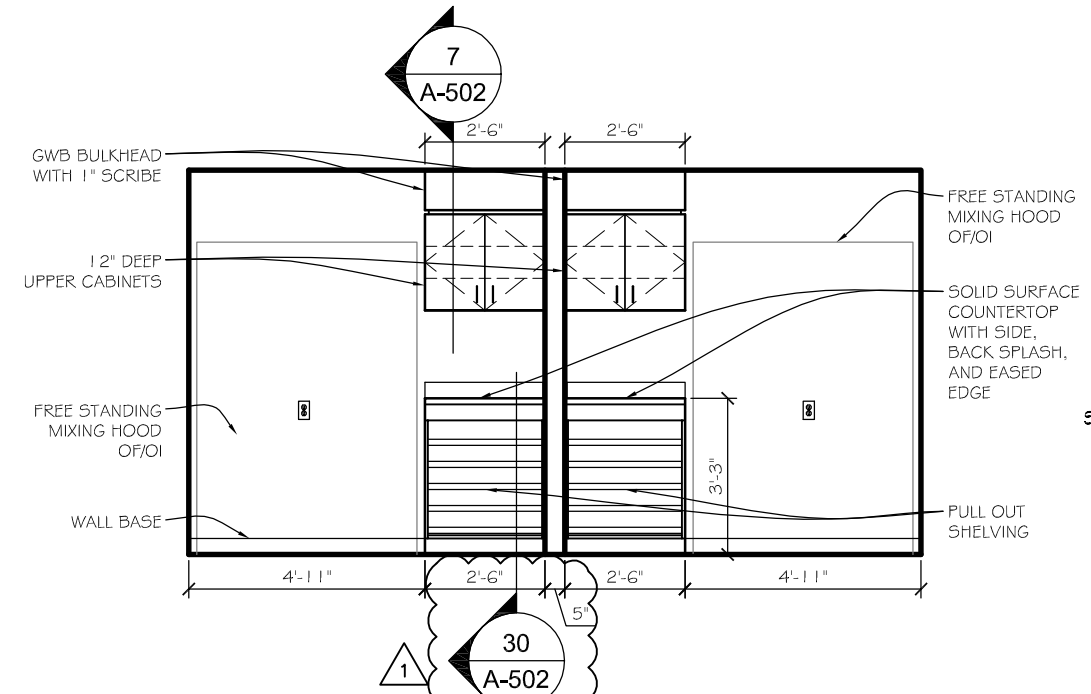
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Scale: 1/4" = 1'-0"

15

Mammo Elevation

Scale: 1/4" = 1'-0"



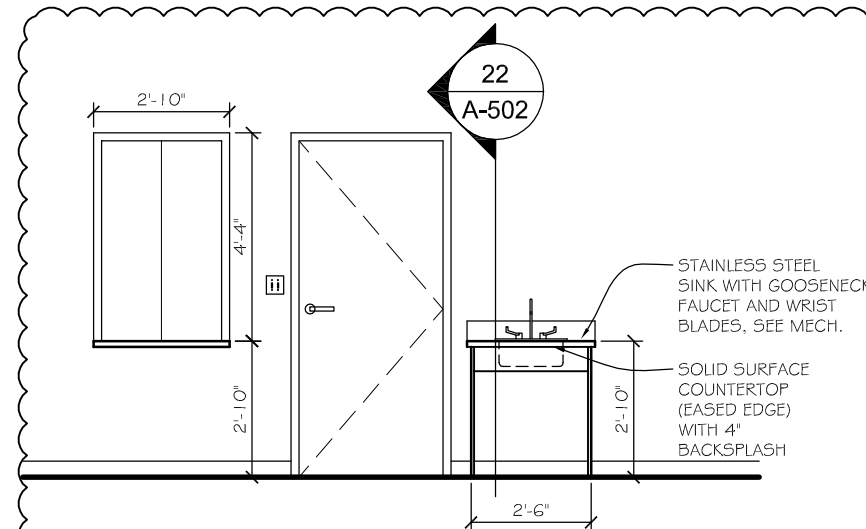
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Mixing Elevations

Scale: 1/4" = 1'-0"

OWNER FURNISHED EQUIP.

Clothing/I.V. Hooks	OF/OI
Ice Machines	OF/CI
Lotion Dispensers / Hand Sanitizers	OF/CI
Paper Towel Dispensers (at all sinks)	OF/CI
Sharp containers	OF/CI
Soap Dispensers (at all sinks and toilet rooms.)	OF/CI
TV Brackets	OF/CI
View Boxes	OF/CI
Blanket Warmers	OF/OI
Computer Key Board Trays	OF/OI
Dictation Equipment	OF/OI
Equipment-Computers, Monitors, Carts, Exam Beds, etc.	OF/OI
Furnishings (chairs, tables, art, office systems)	OF/OI
Med./Nourishment Refrigerators	OF/OI
Phones (instruments)	OF/OI
Room, Directional and Informational Signage	OF/OI
Security System Hardware (cameras, prox. readers, etc.)	OF/OI
Window Blinds (Treatments)(Exterior to Windows)	OF/OI
Shower Curtains	OF/OI
Oxygen Storage Cabinets	OF/OI
Cubicle Curtain Tracks	CF/CI
Grab Bars	CF/CI
Lockers	CF/CI
Mirrors	CF/CI
Shower Curtain Tracks	CF/CI
Tackboards	CF/CI
Toilet Paper Holders (at all toilets)	CF/CI
Wall-mounted, recessed waste receptacle	CF/CI
Fume Hoods	OF/OI



27

Pharmacy 148

Scale: 1/4" = 1'-0"

Client Information

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Project Information

**Patient Wing
Renovation**

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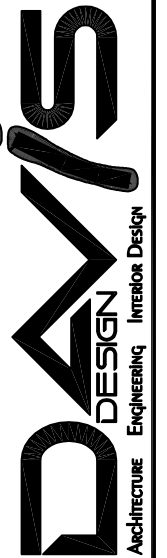
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Interior Elevations
AD-2

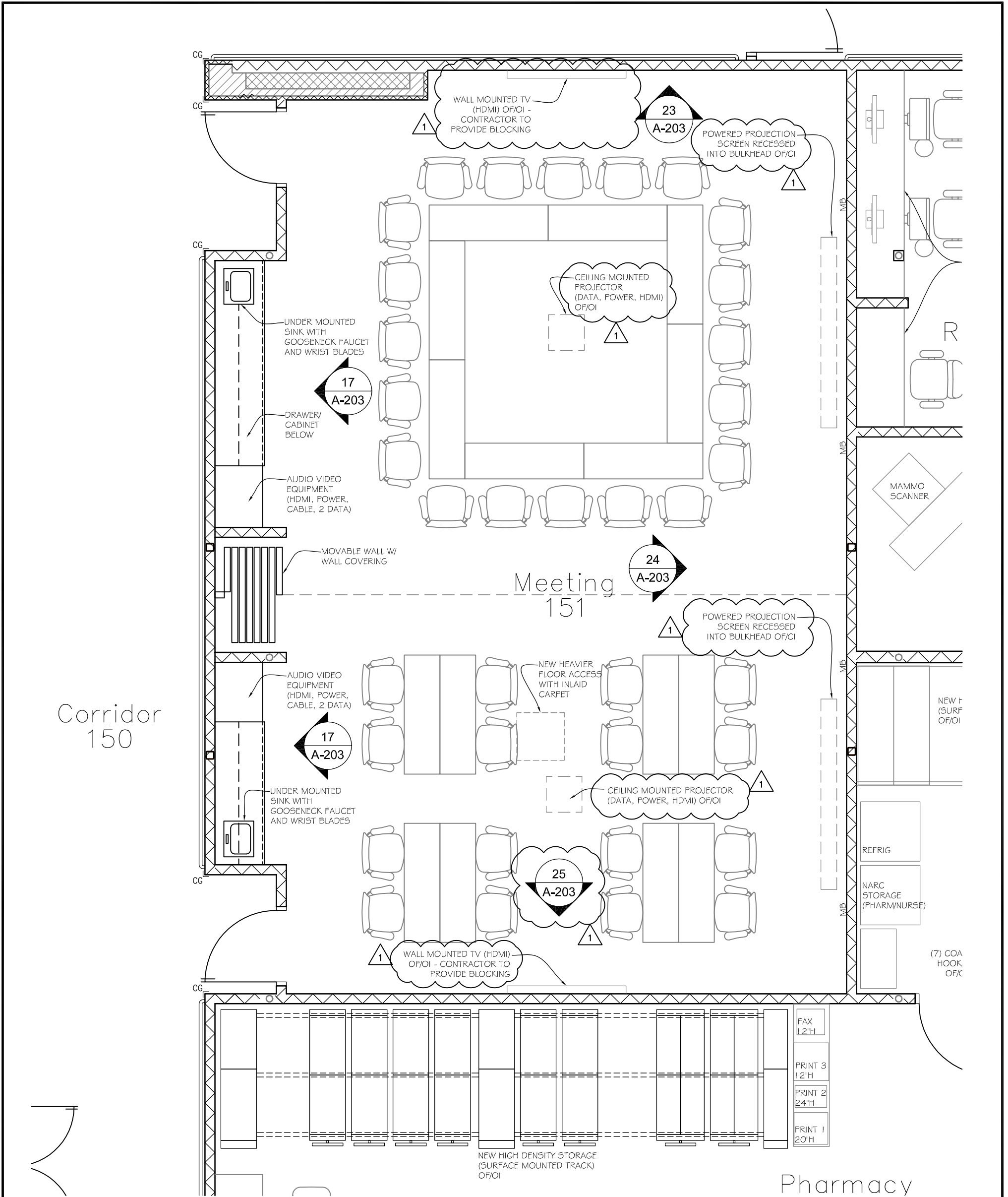
From Sheet: **A-203** for CA use:

Drawing #
A-203.1

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1221 N Street, Suite 600
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Fax 402-476-9722

Vermillion
15 East Main, Suite 201
Vermillion, SD 57069
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2 Floor Plan
Scale: 1/4" = 1'-0"



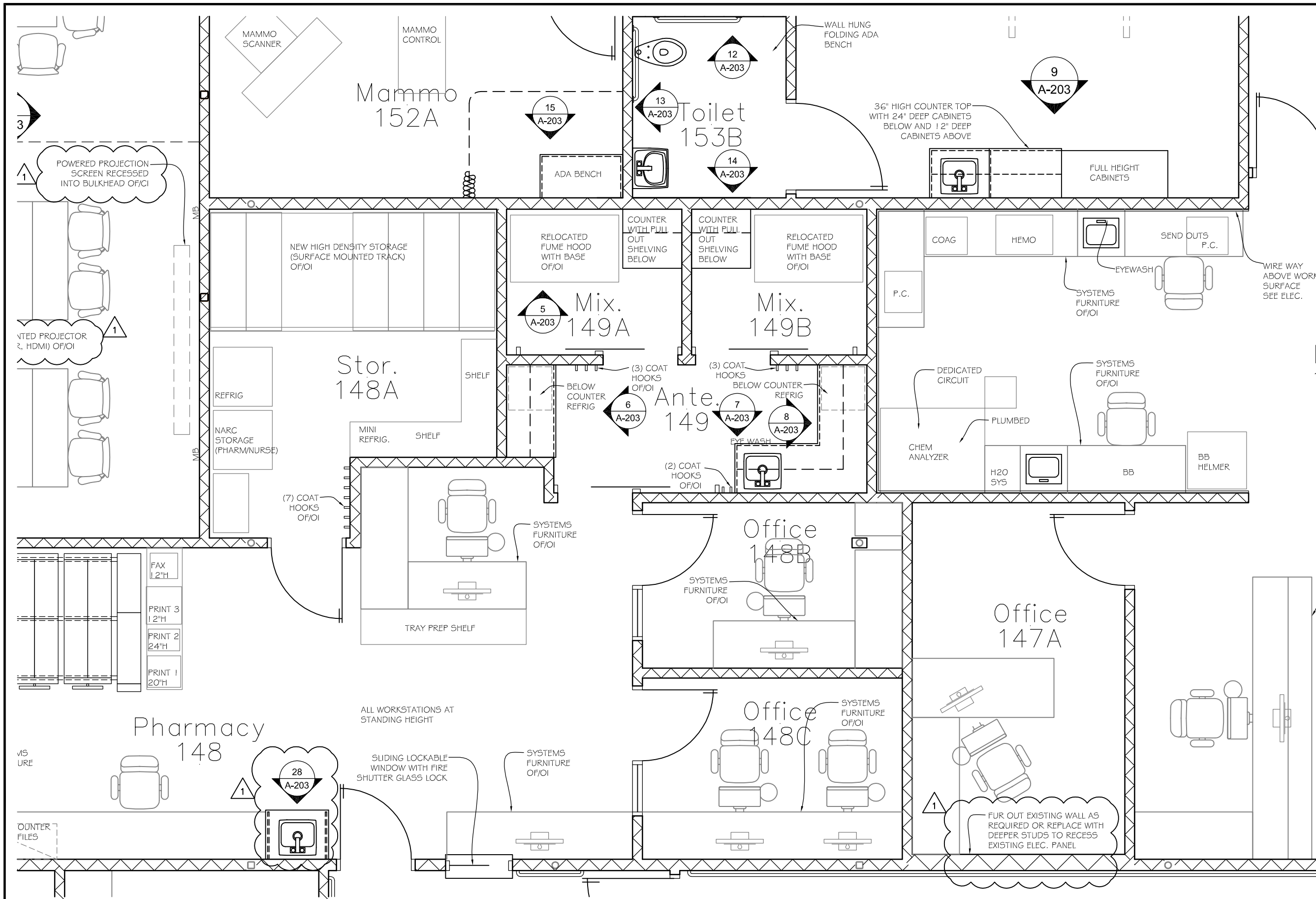
Lincoln
1221 N Street, Suite 600
Lincoln NE 68508
Phone 402-476-9700
Fax 402-476-9722

Vermillion
15 East Main, Suite 201
Vermillion SD 57069
Phone 605-624-1081

Client Information
JCHC
2200 H St.
Fairbury, NE 68506

Project Information
**Patient Wing
Renovation**

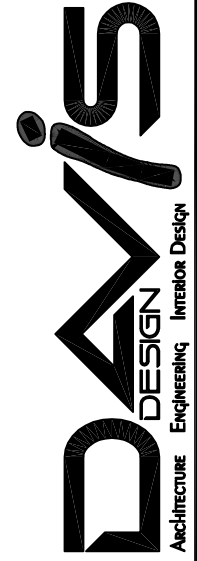
Issue Date	01-25-2013
Job #	11-0185
Drawn by:	JMB
CADD file:	A-401.dwg
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Drawing Title Enlarged Floor Plans	
AD-2 1	
From Sheet:	A-401
Drawing #	A-401.1
for CA use:	



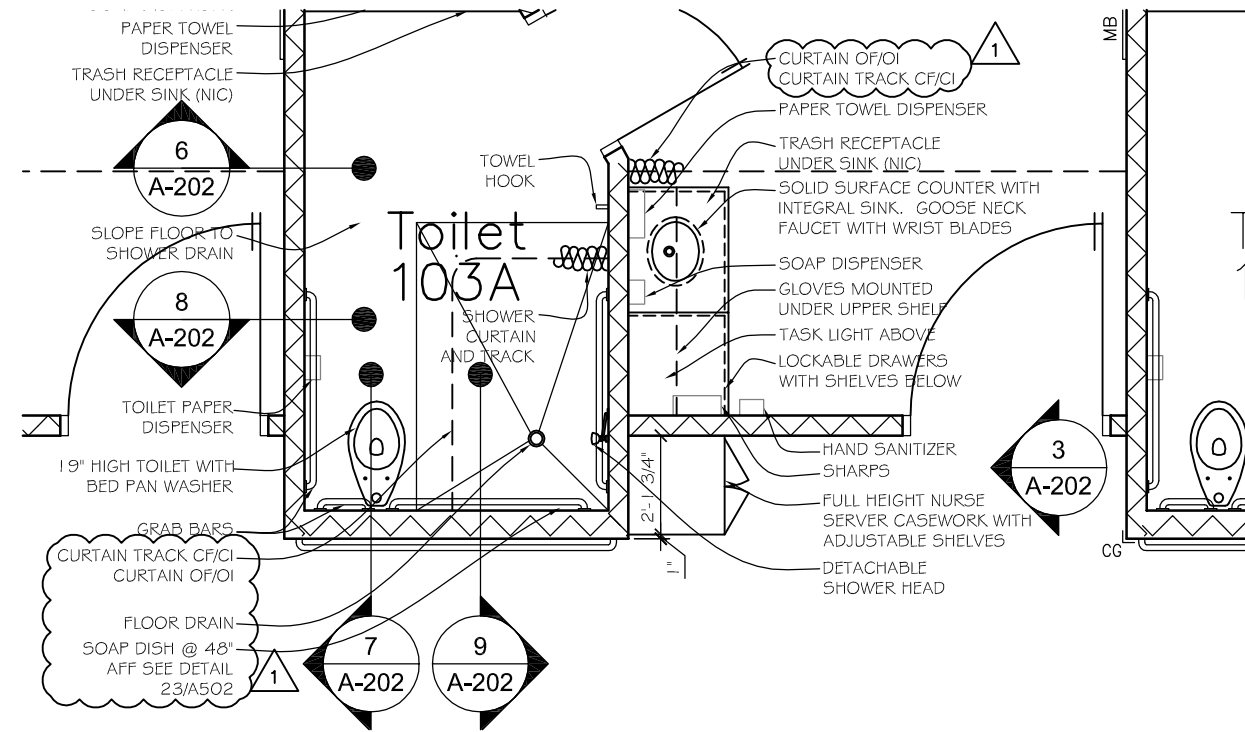
2 Floor Plan
Scale: 1/4" = 1'-0"

Lincoln
1221 N Street, Suite 600
Lincoln, NE 68508
Phone 402-476-9700
Fax 402-476-9722

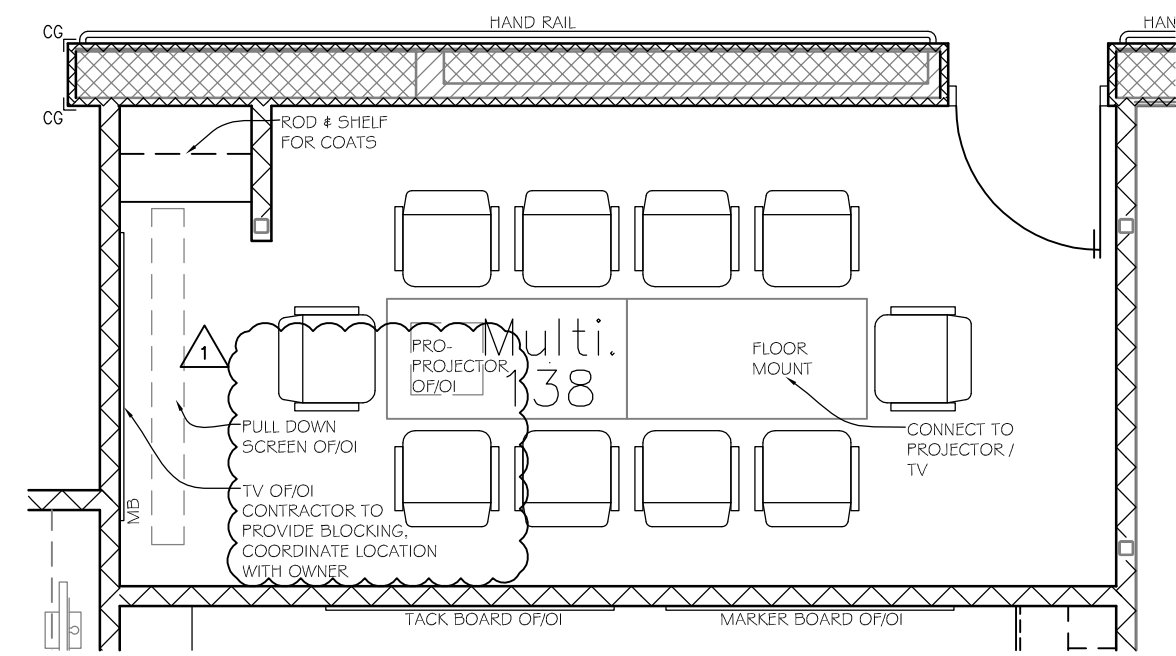
Vermillion
15 East Main, Suite 201
Vermillion, SD 57069
Phone 605-824-1081



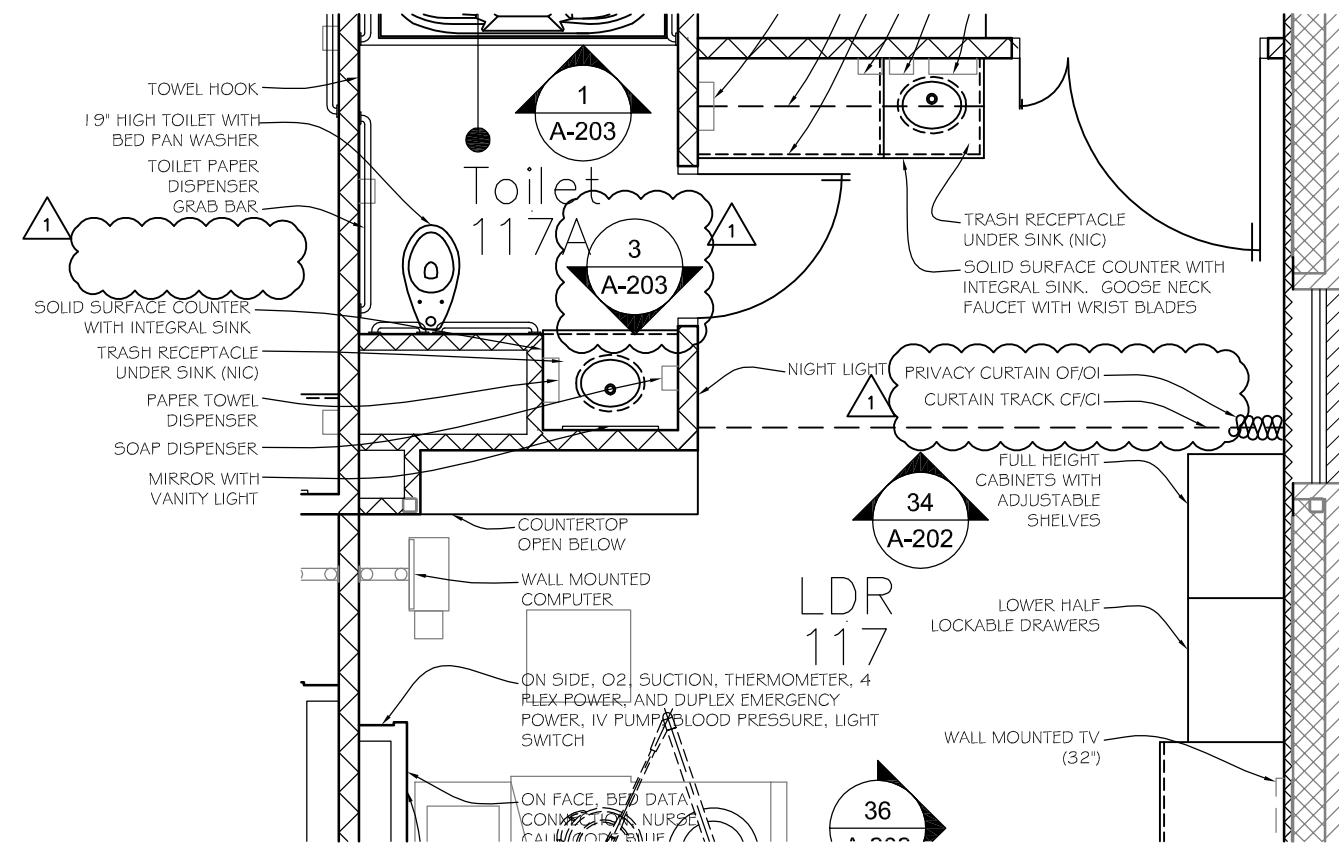
Client Information	
JCHC	
2200 H St. Fairbury, NE 68506	
Project Information	
Patient Wing Renovation	
Issue Date	01-25-2013
Job #	11-0185
Drawn by:	JMB
CADD file:	A-401.DWG
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Drawing Title	
Enlarged Floor Plans	
AD-2 1	
From Sheet:	for CA use:
A-401	
Drawing #	
A-104.2	



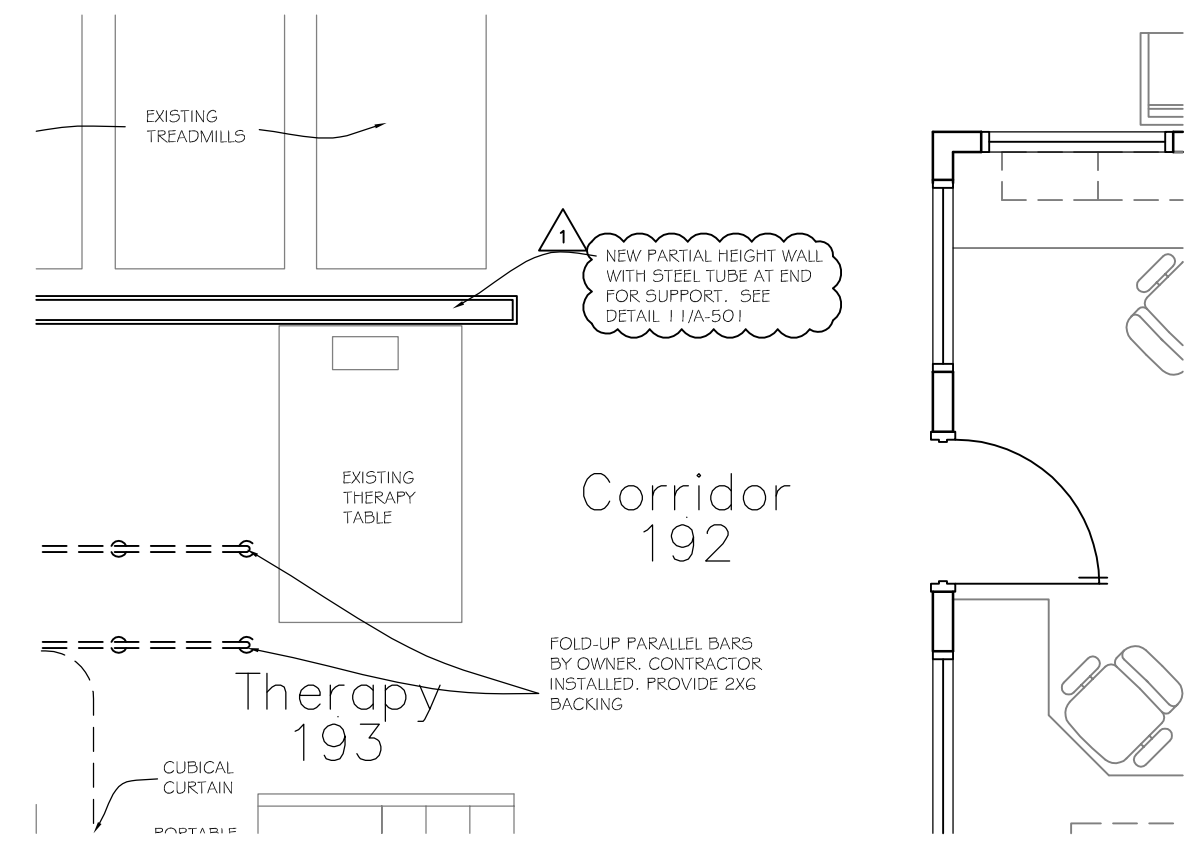
3 Floor Plan
Scale: 1/4" = 1'-0"



1 Floor Plan
Scale: 1/4" = 1'-0"



4 Floor Plan
Scale: 1/4" = 1'-0"



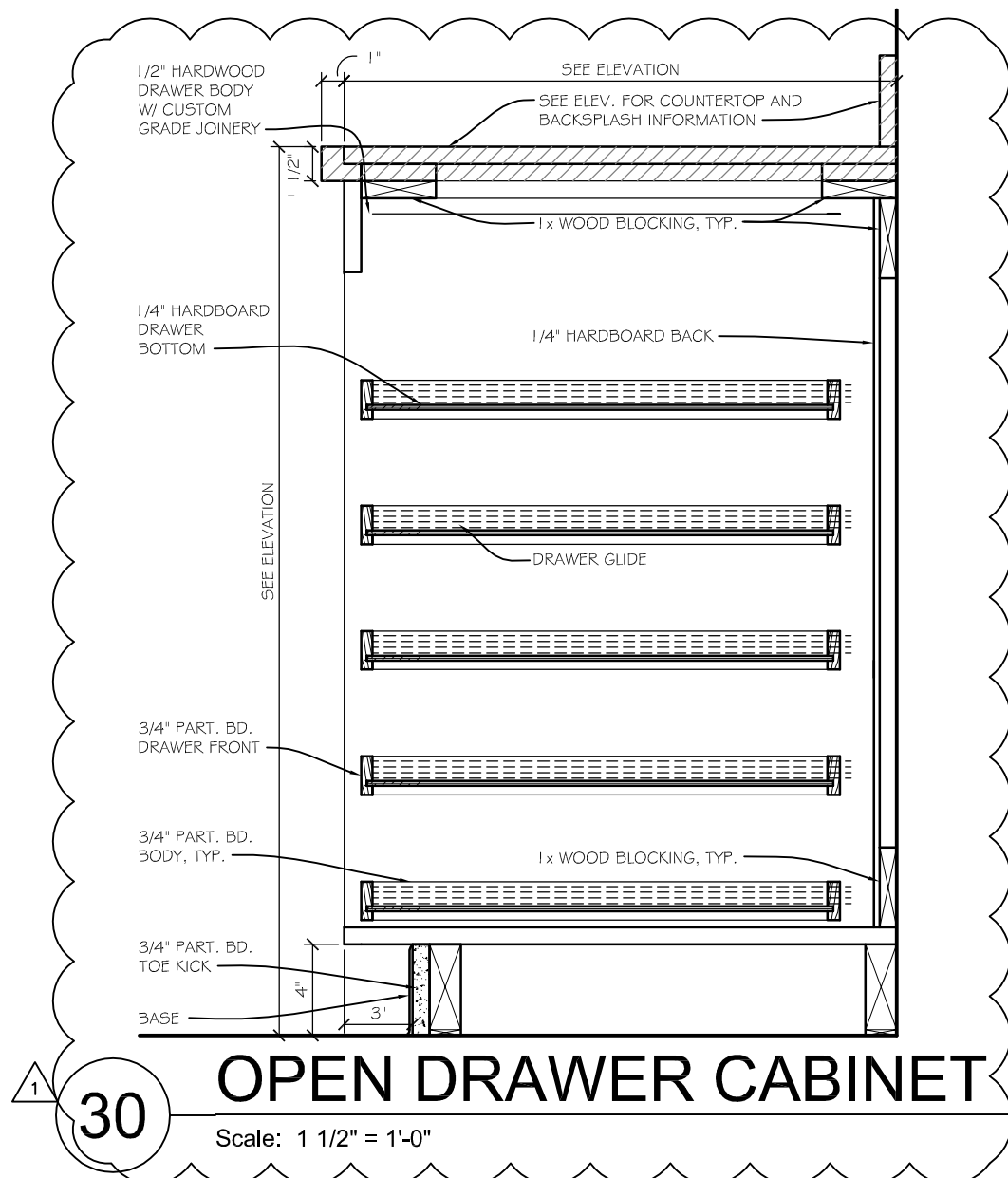
5 Floor Plan
Scale: 1/4" = 1'-0"

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Lincoln, NE 68508
Phone 402-476-9700
Fax 402-476-9722

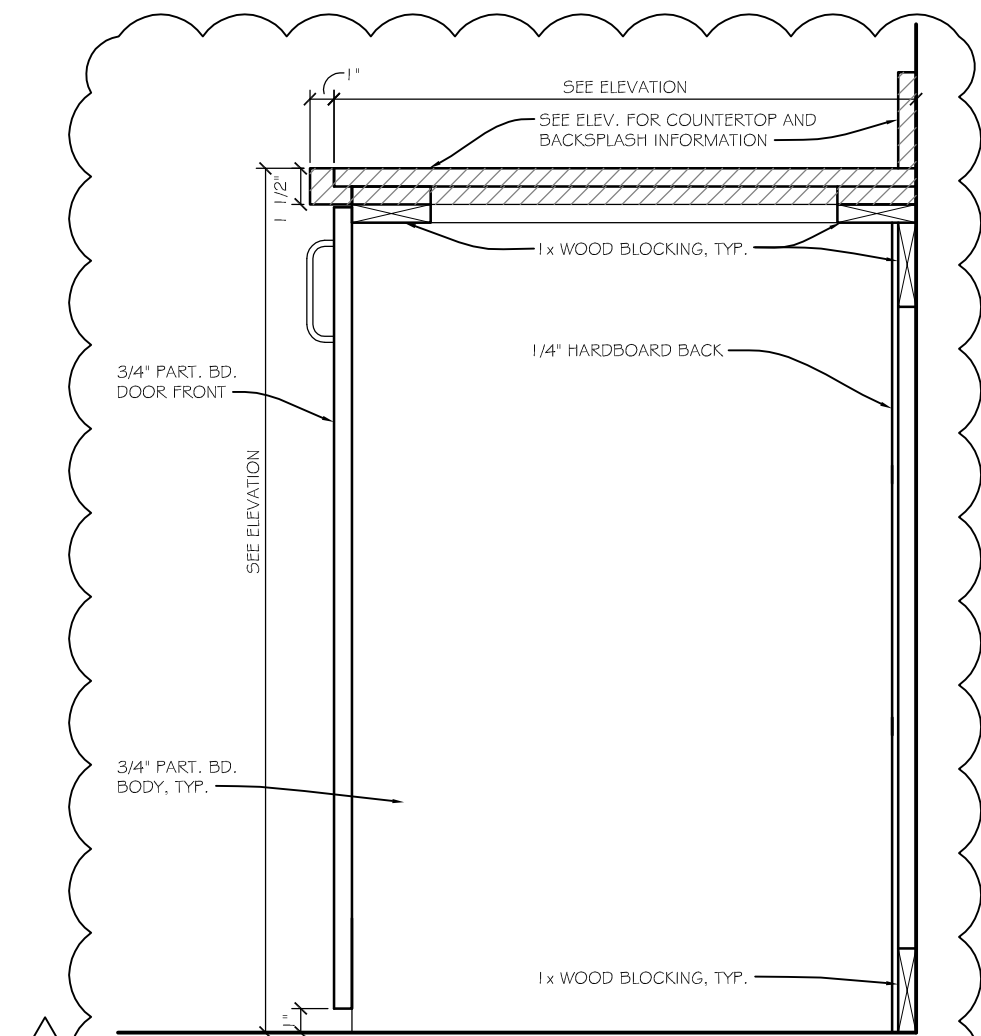
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Vermillion, SD 57069
Phone 605-624-1081



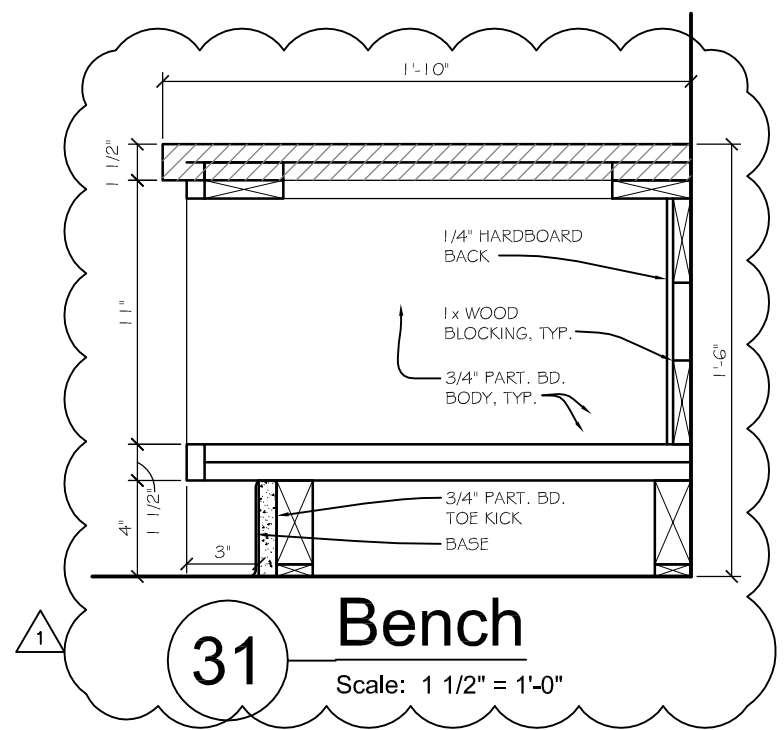
Client Information	
JCHC	
2200 H St. Fairbury, NE 68506	
Project Information	
Patient Wing Renovation	
Issue Date	01-25-2013
Job #	11-0185
Drawn by:	JMB
CADD file:	A-402.dwg
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Drawing Title	
Enlarged Floor Plans	
AD-2 1	
From Sheet:	for CA use:
A-402	
Drawing #	
A-402.1	



30 OPEN DRAWER CABINET
Scale: 1 1/2" = 1'-0"



29 DOOR BASE CABINET
Scale: 1 1/2" = 1'-0"



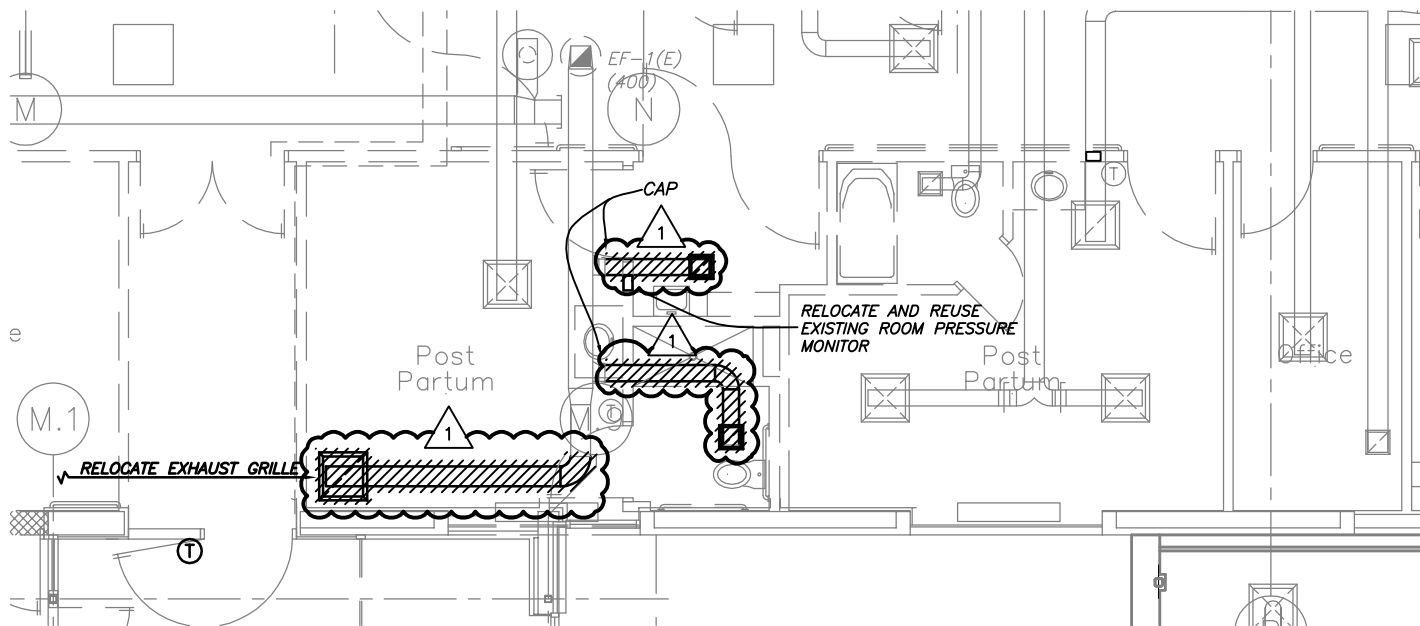
31 Bench
Scale: 1 1/2" = 1'-0"

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Lincoln, NE 68508
Phone 402-476-9700
Fax 402-476-9722

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Phone 605-624-1081



Client Information	
JCHC	
2200 H St. Fairbury, NE 68506	
Project Information	
Patient Wing Renovation	
Issue Date	01-25-2013
Job #	11-0185
Drawn by:	JMB
CADD file:	A-502.dwg
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Drawing Title	
Casework Details	
AD-2 1	
From Sheet:	for CA use:
A-502	
Drawing #	
A-502.1	



1

Main Level Area A HVAC Demolition Plan Phase 2

Scale: 1/8" = 1'-0"

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 Lincoln NE 68508
 Phone 402-476-9700
 Fax 402-476-9722

Vermillion
 15 East Main, Suite 201
 Vermillion SD 57069
 Phone 605-624-1081



Client Information

JCHC

2200 H St.
 Fairbury, NE 68506

Project Information

**Patient Wing
 Renovation**

Issue Date	01-25-2013
Job #	11-0185
Drawn by:	MA
CADD file:	M-113.1

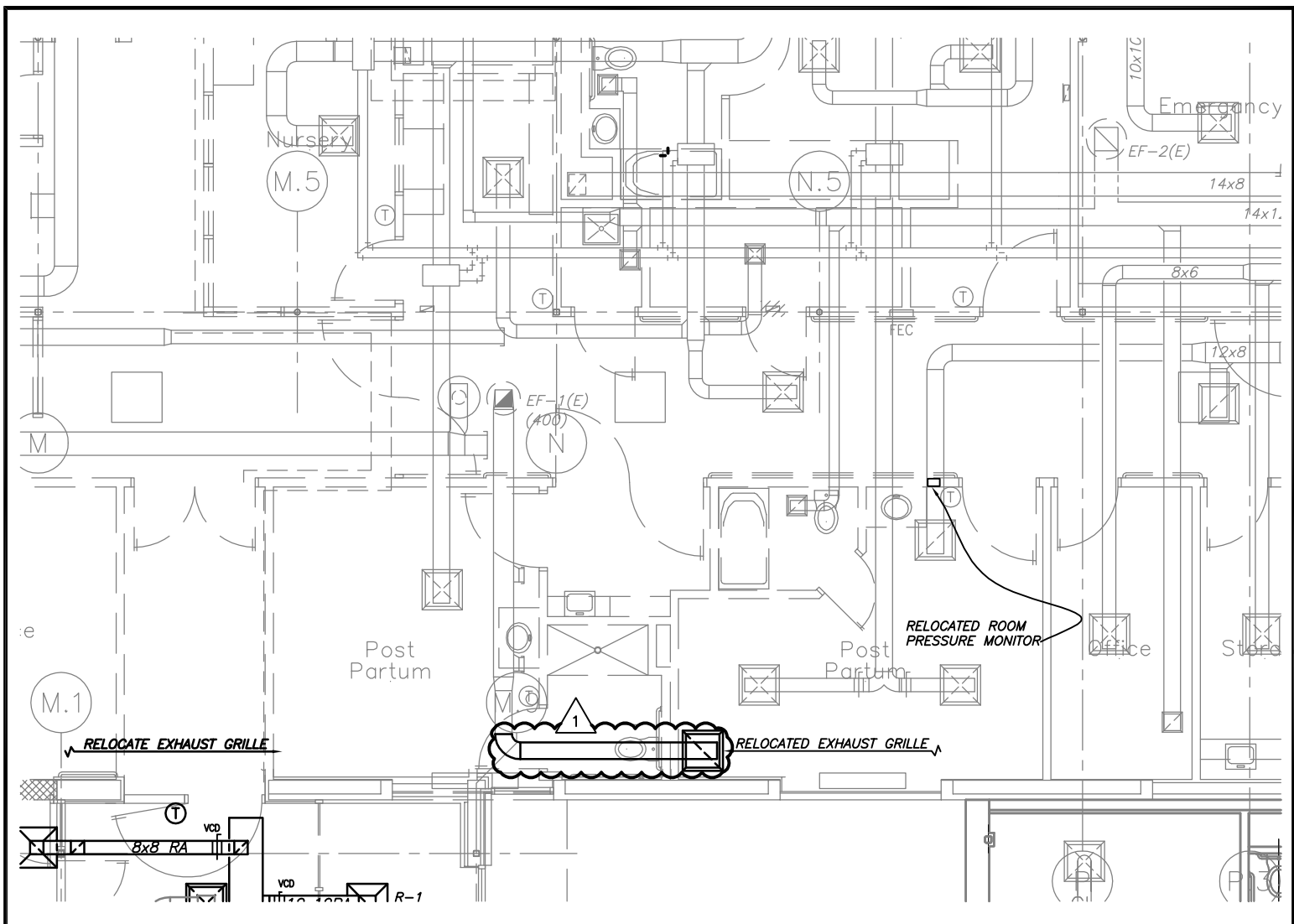
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Drawing Title

**Main Level Area A HVAC
 Demolition Plan Phase 2 -
 AD-2**

From Sheet: **M-113** for CA use:

Drawing #
M-113.1



1

Main Level Area A HVAC Plan Phase 2

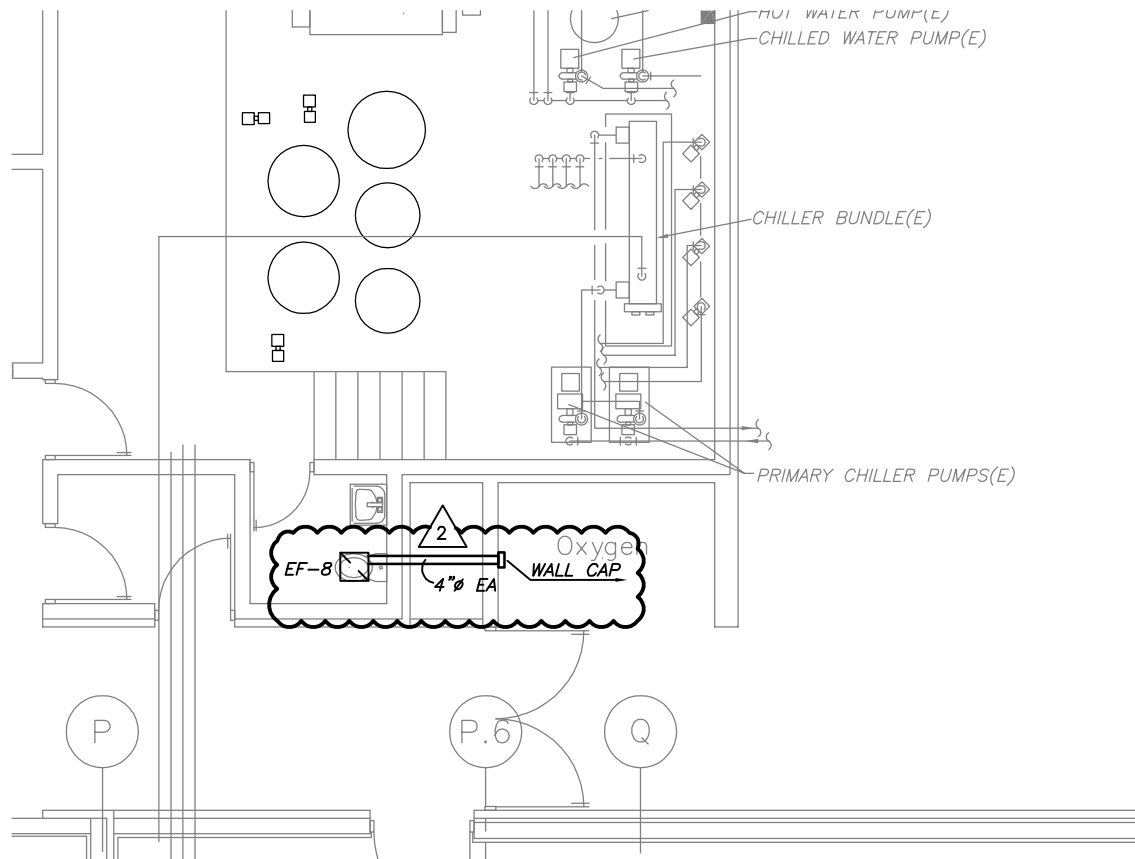
Scale: 1/8" = 1'-0"

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 Lincoln NE 68508
 Phone 402-476-9700
 Fax 402-476-9722

Vermillion
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 Phone 605-624-1081



Client Information	
JCHC	
2200 H St. Fairbury, NE 68506	
Project Information	
Patient Wing Renovation	
Issue Date	01-25-2013
Job #	11-0185
Drawn by:	MA
CADD file:	M-114.1
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Drawing Title	
Main Level Area A HVAC Plan Phase 2 - AD-2	
From Sheet:	for CA use:
M-114	
Drawing #	
M-114.1	



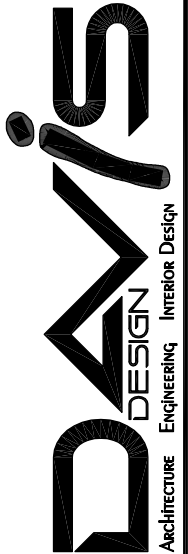
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Main Level Area A HVAC Plan Phase 2

Scale: 1/8" = 1'-0"

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Client Information

JCHC

2200 H St.
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Project Information

Patient Wing
Renovation

Issue Date 01-24-2013

Job # 11-0185

Drawn by: MA

CADD file: M-114.2

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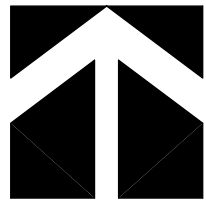
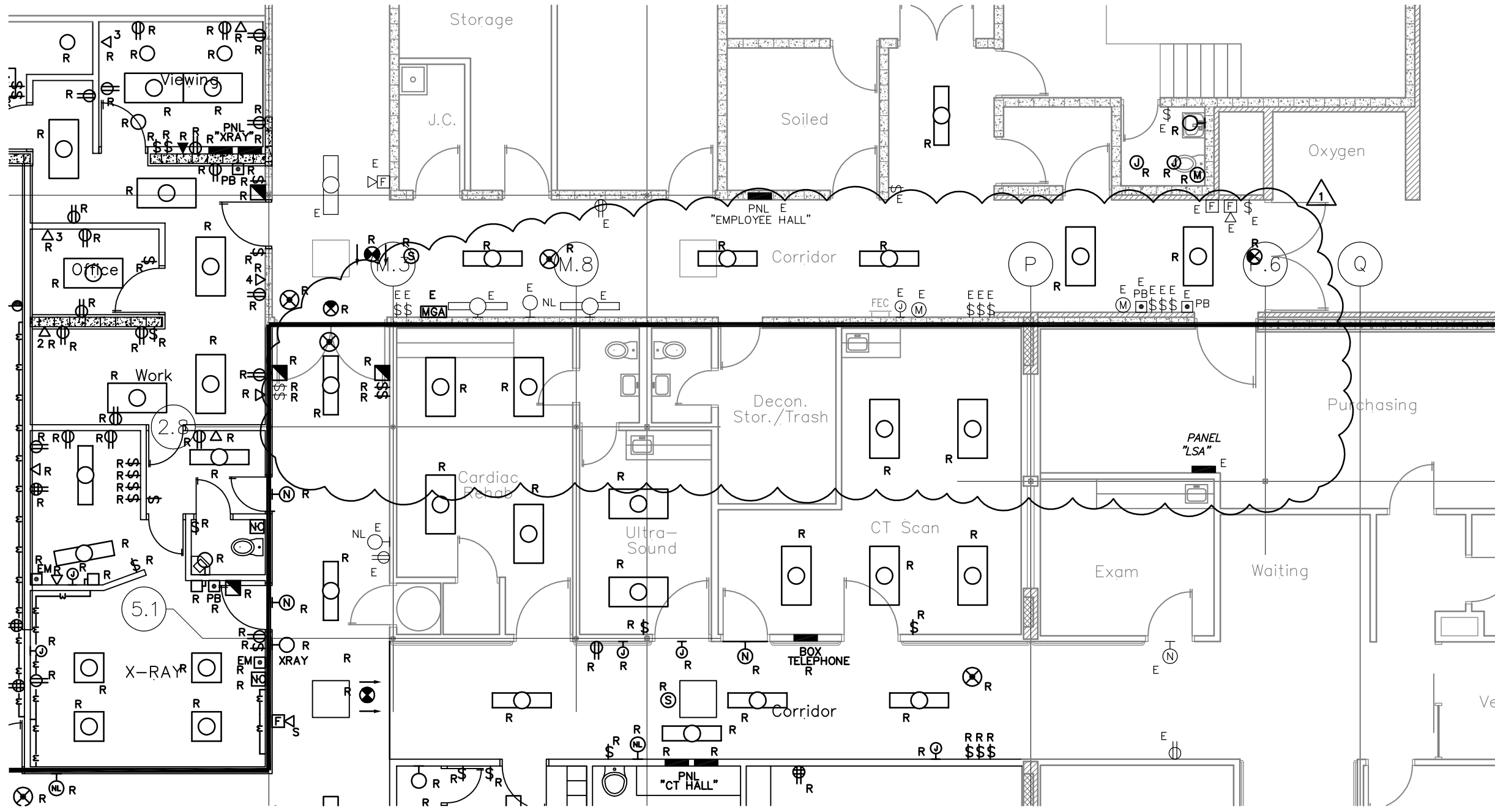
Drawing Title

Main Level Area A HVAC Plan
Phase 2 - AD-2

From Sheet:
M-114

for CA use:

Drawing #
M-114.2



1

Electrical Demolition Plan

Scale: 1/8" = 1'-0"

GENERAL DEMO NOTES

*GENERAL ELECTRICAL DEMOLITION NOTES:
SEE SHEET ED101 FOR DEMO NOTES.*

ELECTRICAL KEYED NOTES

SEE SHEET ED-101 FOR KEYED NOTES.

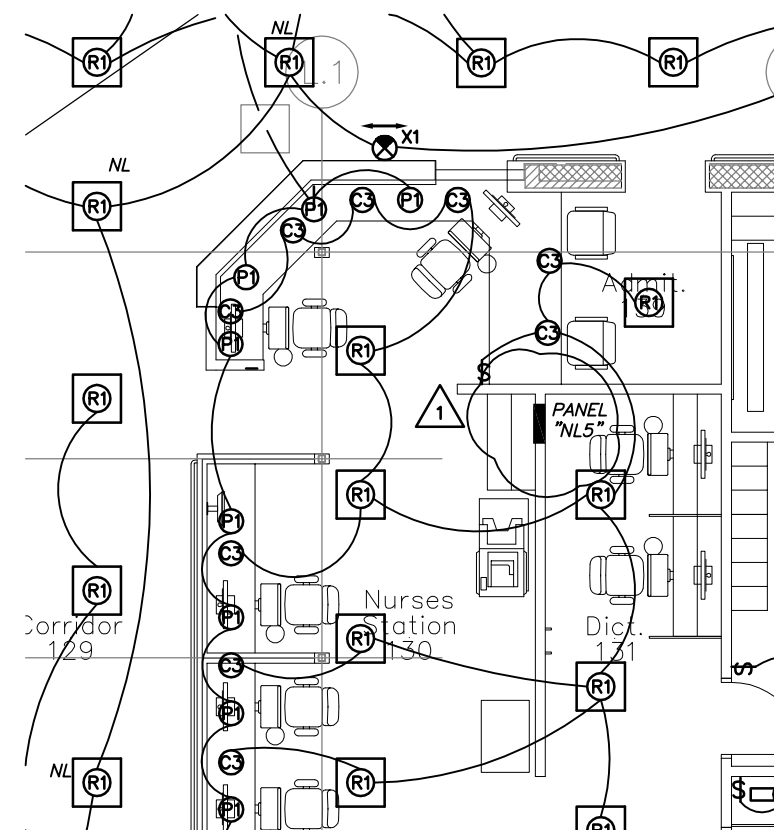
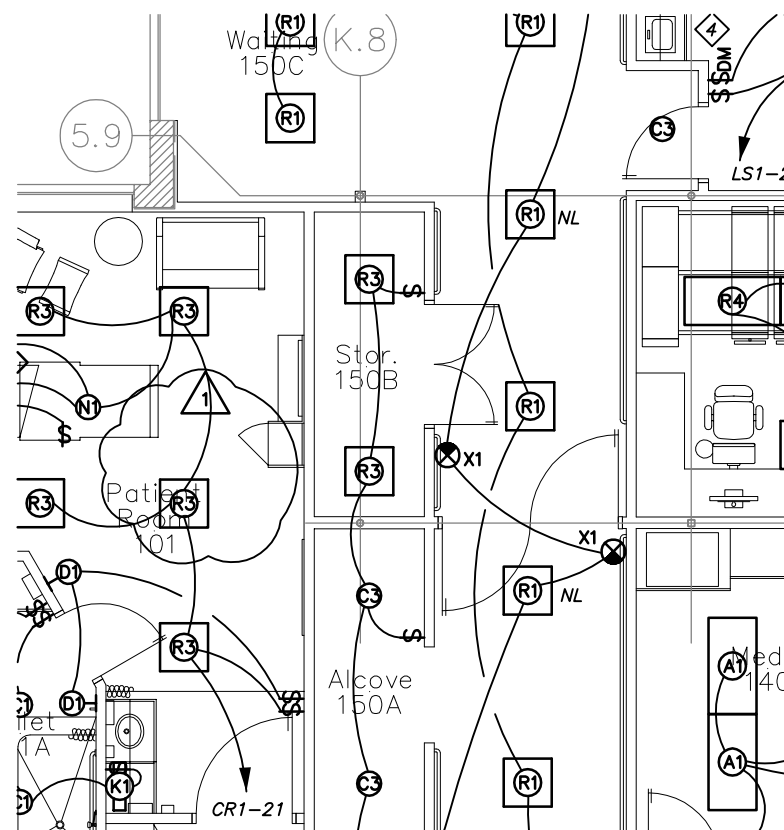
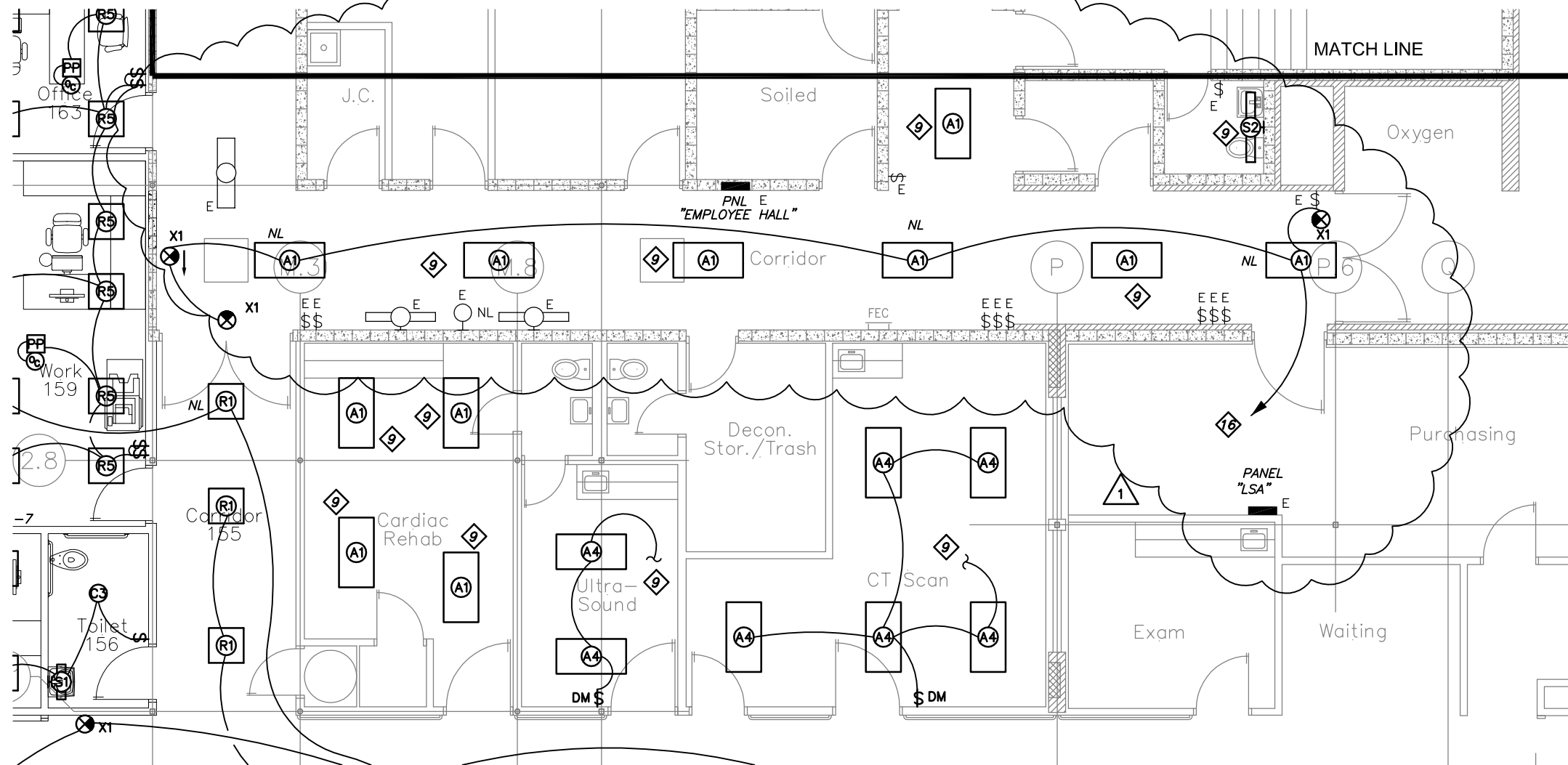
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Client Information	
JCHC	
2200 H St. Fairbury, NE 68506	
Project Information	
Patient Wing Renovation	
Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	ED-102
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Drawing Title	
Demo Plan	
From Sheet:	for CA use:
ED-102	
Drawing #	
ED-102.1	

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VERMILION SD 57069-7069
PHONE 605-624-1081



LINCOLN
211 NORTH 14TH STREET
LINCOLN NE 68508-1806
PHONE 402-476-9700
FAX 402-476-9722



1

Lighting Plan

Scale: 1/8" = 1'-0"

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Lincoln, NE 68508
Phone 402-476-9700
Fax 402-476-9722

Vermillion
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Vermillion, SD 57069
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Client Information

JCHC

2200 H St.
Fairbury, NE 68506

Project Information

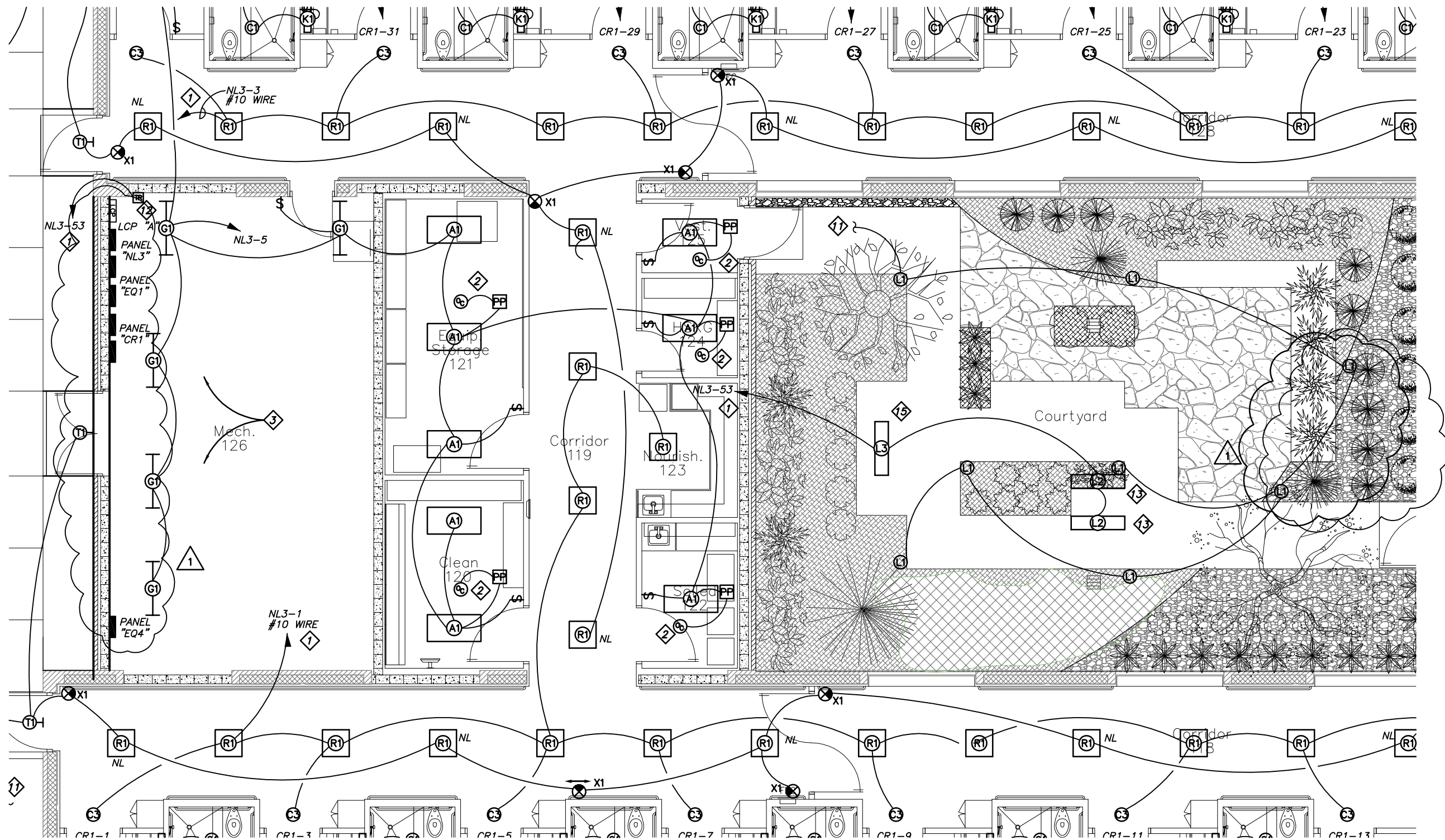
**Patient Wing
Renovation**

Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-101

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Drawing Title
Lighting Plan

From Sheet:	E-101	for CA use:
Drawing #	E-101.1	



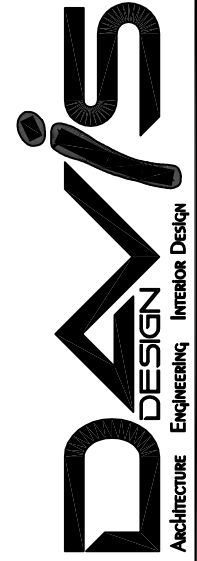
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Lighting Plan

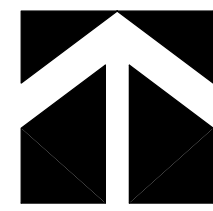
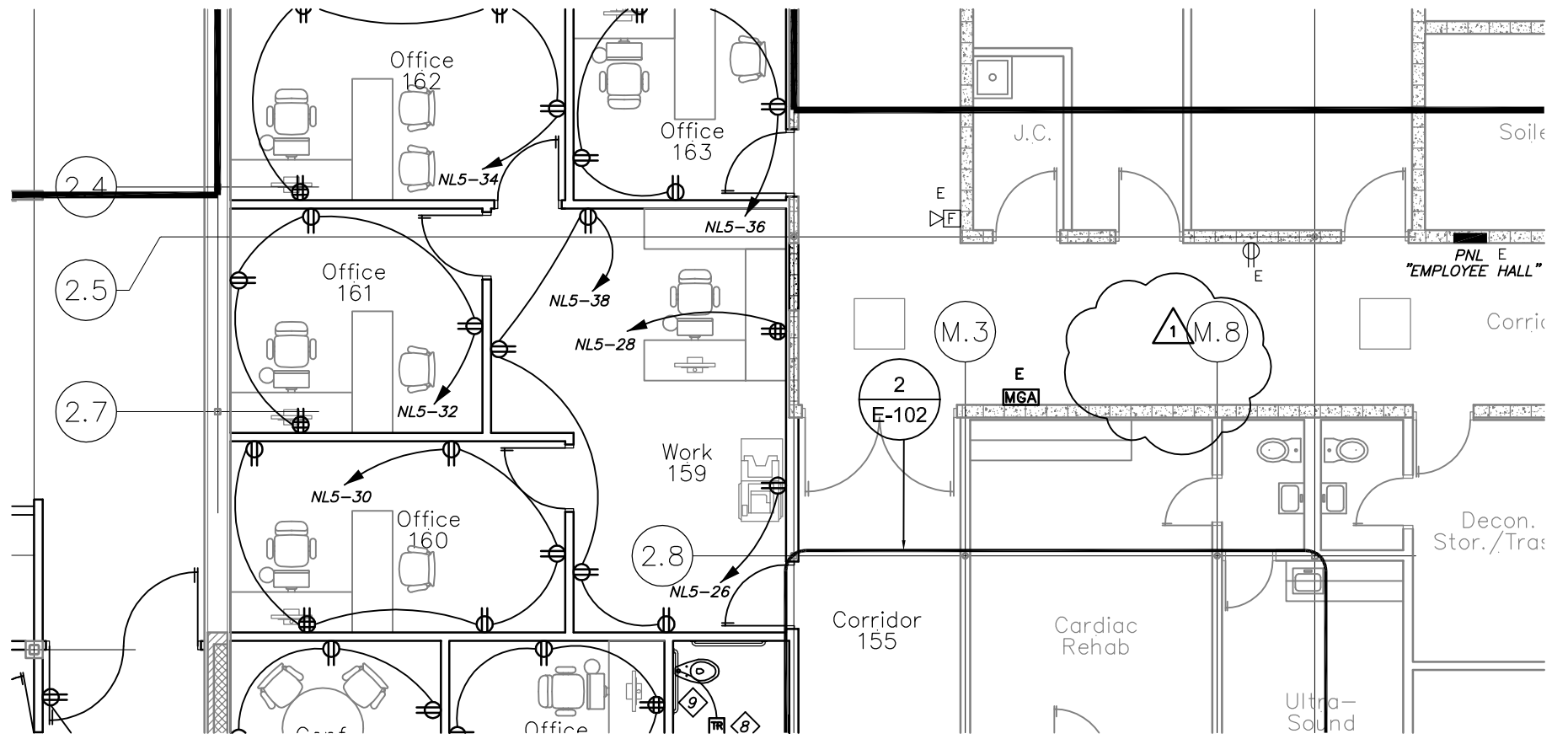
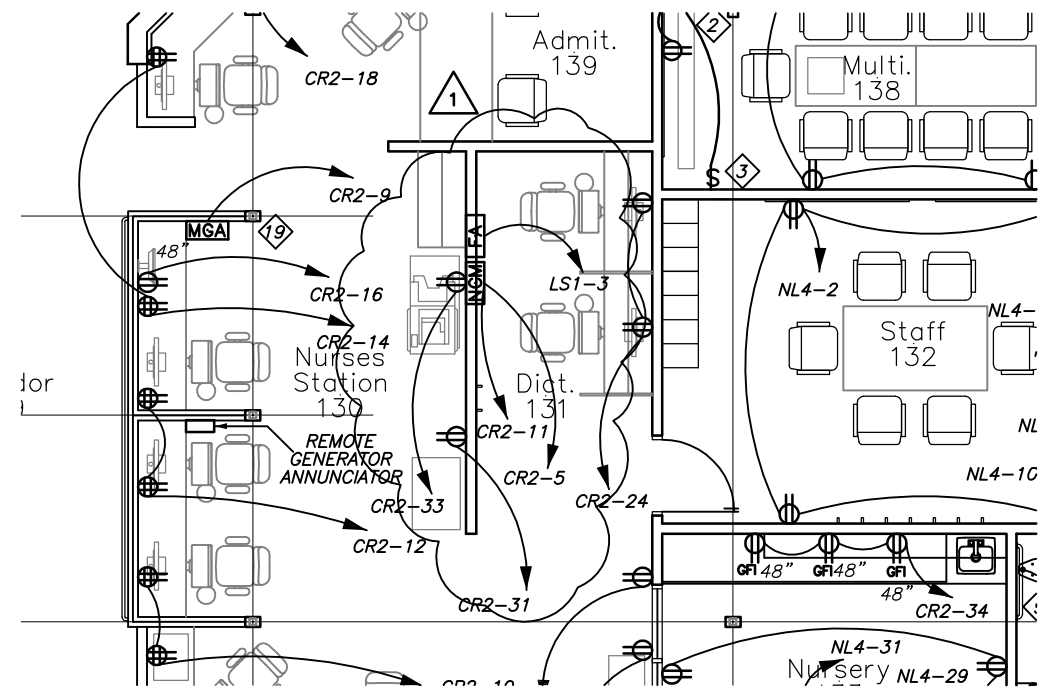
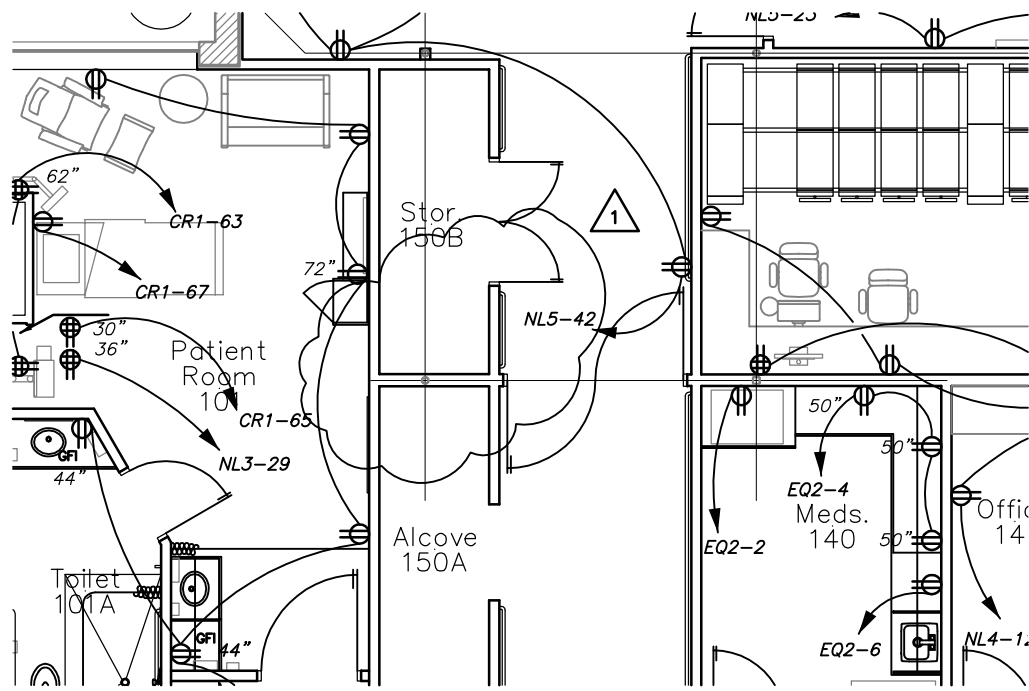
Scale: 1/8" = 1'-0"

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 Lincoln, NE 68508
 Phone 402-476-9700
 Fax 402-476-9722

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 15 East Main, Suite 201
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 Phone 605-624-1081



Client Information	
JCHC	
2200 H St. Fairbury, NE 68506	
Project Information	
Patient Wing Renovation	
Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-101
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Drawing Title	
Lighting Plan	
From Sheet:	for CA use:
E-101	
Drawing #	
E-101.1	



1

Power Plan

Scale: 1/8" = 1'-0"

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Client Information
JCHC

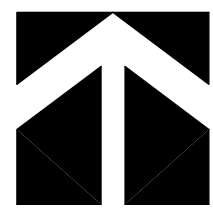
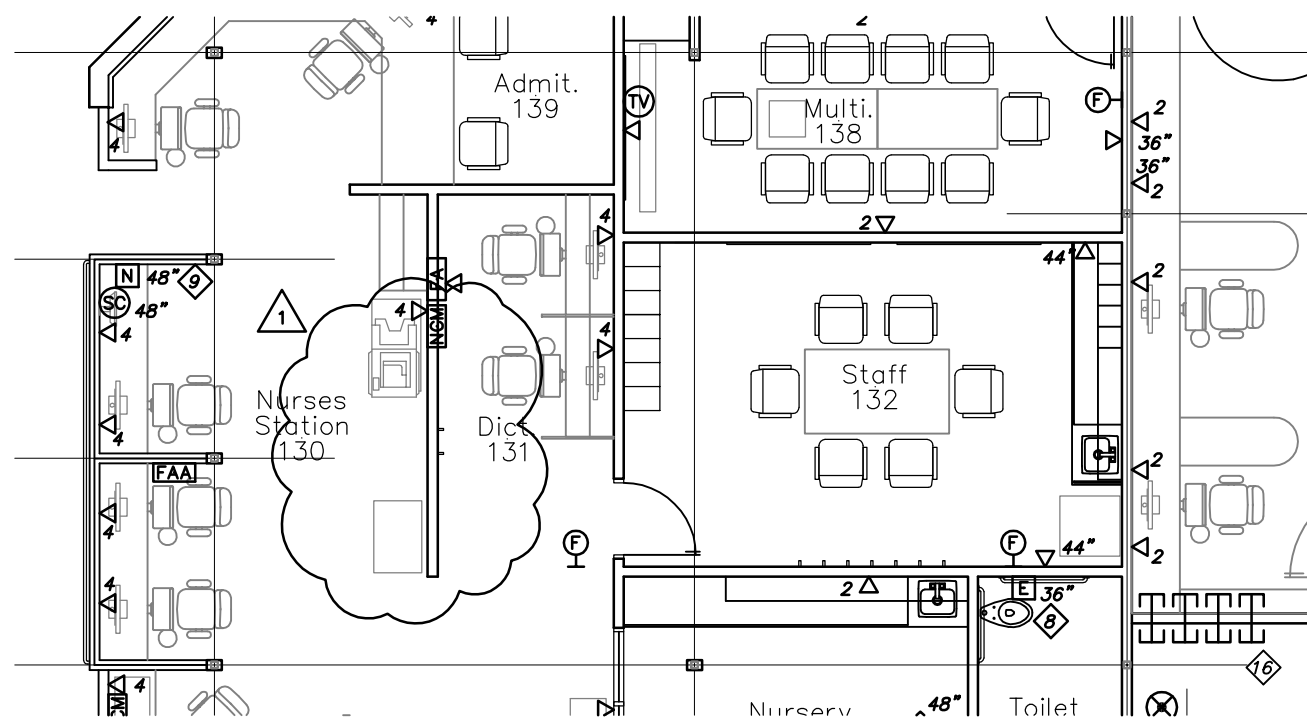
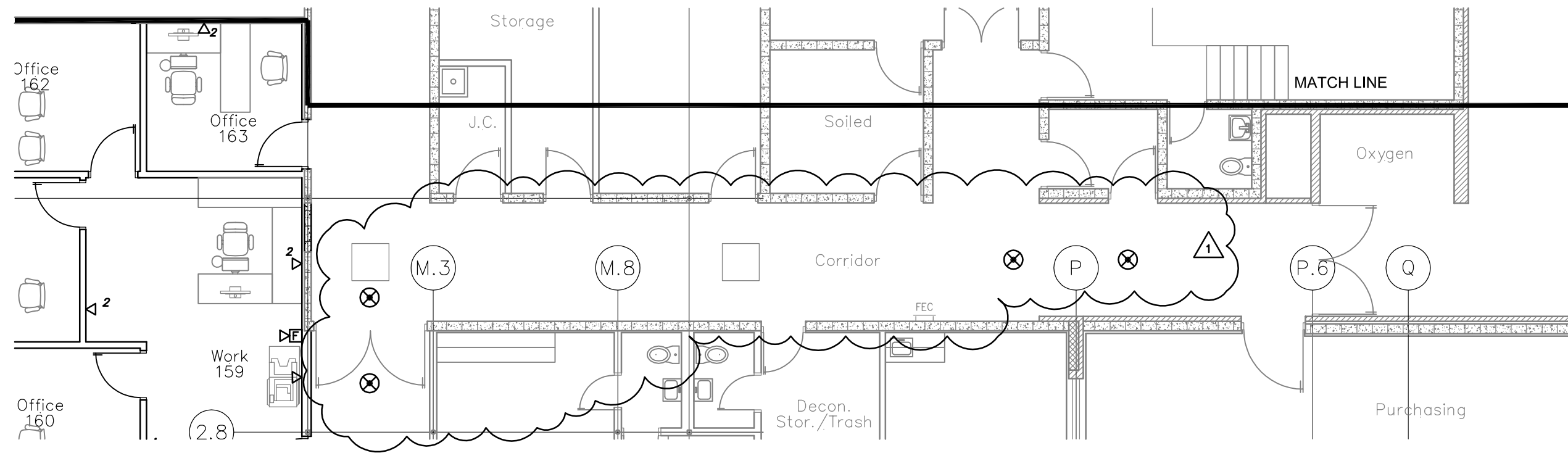
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Fairbury, NE 68506

Project Information
**Patient Wing
Renovation**

Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-102
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Drawing Title
Drawing Title and Sub title
information

From Sheet: E-102	for CA use:
Drawing # E-102.1	



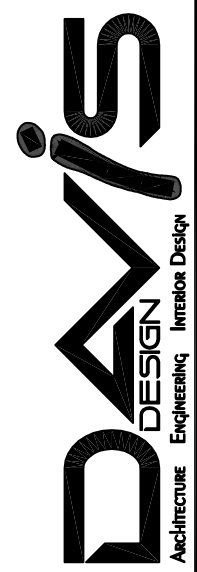
1

Special Systems Plan

Scale: 1/8" = 1'-0"

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Fax 402-476-9722

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Phone 605-824-1081



Client Information
JCHC

2200 H St.
Fairbury, NE 68506

Project Information
**Patient Wing
Renovation**

Issue Date	01/25/2013
Job #	11-0185
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CADD file:	E-103
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Drawing Title
Drawing Title and Sub title
information

From Sheet:	E-103	for CA use:
Drawing #	E-103.1	

EQUIPMENT SCHEDULE

EQUIP #	DESCRIPTION	LOCATION	ELECTRICAL DATA					LOCAL STARTER OR DISCONNECT	FEEDER WIRE/CONDUIT	FURNISHED BY/ INSTALLED BY	REMARKS
			VOLTAGE	CURRENT	HP	WATTAGE	PHASE				
AHU-1	AIR HANDLING UNIT SUPPLY FANS (2)	MECH 126	208V	24.2 EA	7.5 (2)		3	VFD BY MECH INSTALLED BY ELECT.	3-#8 #10G 3/4"C.	MECH/ MECH	
AHU-1	AIR HANDLING UNIT RETURN FANS (2)	MECH 126	208V	16.7 EA	5 (2)		3	VFD BY MECH INSTALLED BY ELECT.	3-#10 #10G 3/4"C.	MECH/ MECH	
AHU-2	AIR HANDLING UNIT	MECH 135	208V	46.2	15		3	VFD BY MECH INSTALLED BY ELECT.	3-#6 #10G 3/4"C.	MECH/ MECH	
AHU-3	AIR HANDLING UNIT SUPPLY FANS (2)	PENTHOUSE	208V	24.2 EA	7.5 (2)		3	VFD BY MECH INSTALLED BY ELECT.	3-#8 #10G 3/4"C.	MECH/ MECH	
AHU-3	AIR HANDLING UNIT RETURN FANS (2)	PENTHOUSE	208V	16.7 EA	5 (2)		3	VFD BY MECH INSTALLED BY ELECT.	3-#10 #10G 3/4"C.	MECH/ MECH	
CWP-1	CHILLED WATER PUMP	MECH 126	208	24.2	7.5		3	VFD BY MECH INSTALLED BY ELECT.	3-#8 #10G 3/4"C.	MECH/ MECH	
CWP-2	CHILLED WATER PUMP	MECH 126	208	24.2	7.5		3	VFD BY MECH INSTALLED BY ELECT.	3-#8 #10G 3/4"C.	MECH/ MECH	
EF-1	EXHAUST FAN	ROOF	120V	9.8	0.5		1	FACTORY INSTALLED	2-#12 #12G 3/4"C.	MECH/ MECH	
EF-2	EXHAUST FAN	ROOF	120V	9.8	0.5		1	FACTORY INSTALLED	2-#12 #12G 3/4"C.	MECH/ MECH	
EF-3	EXHAUST FAN	ROOF	120V	9.8	0.5		1	FACTORY INSTALLED	2-#12 #12G 3/4"C.	MECH/ MECH	
EF-4	EXHAUST FAN	ROOF	120V	9.8	0.5		1	FACTORY INSTALLED	2-#12 #12G 3/4"C.	MECH/ MECH	
EF-5	EXHAUST FAN	ROOF	208V	16.7	5		3	3 POLE NON FUSED, NEMA 3R	2-#10 #10G 3/4"C.	MECH/ MECH	
EF-6	EXHAUST FAN	ROOF	208V	9.8	0.5		1	FACTORY INSTALLED	2-#12 #12G 3/4"C.	MECH/ MECH	
EF-7	EXHAUST FAN	ROOF	120V	9.8	0.5		1	FACTORY INSTALLED	2-#12 #12G 3/4"C.	MECH/ MECH	
EF-8	EXHAUST FAN	WALL	120V	2.1	FRAC.		1	FACTORY INSTALLED	2-#12 #12G 3/4"C.	MECH/ MECH	
H1	HUMIDIFIER	MECH 135	208			3KW	3	DIRECT	3-#12 #12G 3/4"C.	MECH/ MECH	
HWP-1	HOT WATER PUMP	MECH 126	208	24.2	7.5		3	VFD BY MECH INSTALLED BY ELECT.	3-#8 #10G 3/4"C.	MECH/ MECH	
HWP-2	HOT WATER PUMP	MECH 126	208	24.2	7.5		3	VFD BY MECH INSTALLED BY ELECT.	3-#8 #10G 3/4"C.	MECH/ MECH	
HWUH-1	HOT WATER UNIT HEATER	VERIES	120	0.8			1	FACTORY INSTALLED	2-#12 #12G 3/4"C.	MECH/ MECH	

Lincoln
 1221 N Street, Suite 600
 Lincoln, NE 68508
 Phone 402-476-9700
 Fax 402-476-9722

Vermillion
 15 East Main, Suite 201
 Vermillion, SD 57069
 Phone 605-624-1081



Client Information
JCHC
 2200 H St.
 Fairbury, NE 68506

Project Information
**Patient Wing
 Renovation**

Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-104
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Drawing Title
 Schedule

From Sheet: E-104	for CA use:
Drawing # E-104.1	

LIGHTING FIXTURE SCHEDULE

TYPE NO.	DESCRIPTION / SPEC. NO.	LAMPS		VOLT	MOUNTING	NOTES	OTHER MANUFACTURERS
		NO.	WATT				
A1	RECESSED TROFFER LITHONIA: 2SP8 G 232 A12125 MVOLT GEB10PS	2	32	TVOLT	RECESSED	B	2, 3, 4, 8
A2	RECESSED TROFFER LITHONIA: 2SP8 G 332 A12125 MVOLT GEB10PS	3	32	TVOLT	RECESSED	B	2, 3, 4, 8
A3	MODULAR SURFACE LITHONIA: 2M 232 A12125 MVOLT GEB10PS	2	32	TVOLT	SURFACE	B	2, 3, 4, 8
A4	RECESSED TROFFER LITHONIA: 2SP8 G 232 A12125 MVOLT ADEZ	2	32	TVOLT	RECESSED	B	2, 3, 4, 8
B1	BASKET FIXTURE MARK LIGHTING: POR 22 DF 2-T5HO EDB 120	2	40	BIAX	RECESSED	B,L	2, 3, 4, 8
C1	RECESSED CAN FIXTURE KIRLIN: RV01054	2	32	CF QUAD	RECESSED	B	2, 3, 4, 8
C2	NOT USED					B	2, 3, 4, 8
C3	RECESSED CAN FIXTURE GOTHAM: AF 1/32 TRT 6AR MVOLT	1	32	CF TTT	RECESSED	B	2, 3, 4, 8
C4	RECESSED CAN FIXTURE GOTHAM: AF 1/32 TRT 6AR MVOLT ADEZ	1	32	CF TTT	RECESSED	B,L	2, 3, 4, 8
D1	LED NIGHT LIGHT KIRLIN: LNR-05077	FACTORY		LED	WALL 14" AFF	B	2, 3, 4, 8
D2	EXTRUDED ALUMINUM LINEAR PEERLESS: EGC M1 1 54T5HO 8FT R8 120 ADEZ SCT F1 18 C005	1	54	T5HO	18" BELOW CEILING SUSPENDED	B	2, 3, 4, 8
D3	WALL FIXTURE LITHONIA: WP 225 MVOLT GEB10IS DO	2	25	T8	6'-0" AFF	B	2, 3, 4, 8
D4	EXTRUDED ALUMINUM LINEAR PEERLESS: EGC M1 1 54T5HO 12FT R8 120 ADEZ SCT F1 18 C005	2	54	T5HO	18" BELOW CEILING SUSPENDED	B,L	2, 3, 4, 8
D5	EXTRUDED ALUMINUM LINEAR PEERLESS: EGC M1 1 54T5HO 16FT R8 120 ADEZ SCT F1 18 C005	4	54	T5HO	18" BELOW CEILING SUSPENDED	B,L	2, 3, 4, 8
F1	BOOM LIGHT BURTON: AIM LED ALEDSC	3	28	LED	SURFACE CEILING		
G1	STRIP FIXTURE SOLID REFLECTOR W / WIRE GUARD LITHONIA: 2EJ 232 MVOLT GEB10RS WG2EJ	2	32	T8		B	2, 3, 4, 8
K1	2' TASK LIGHT LITHONIA: N2S 17 MVOLT GEB10PS	1	17	T8	UNDER COUNTER	B,I	2, 3, 4, 8
K2	4' TASK LIGHT LITHONIA: N2S 32 MVOLT GEB10PS	1	32	T8	UNDER COUNTER	B,I	2, 3, 4, 8
L1	LED BORDER WINSCAPE: JELED 3024 12V BRT FO S24 PM1STD		5.65	LED	BASE MOUNT		2, 3, 4, 8
L2	IN GRADE FIXTURE BEGA: 8887LED		44	LED	IN GRADE		2, 3, 4, 8
L3	IN GRADE FIXTURE BEGA: 8849LED		44	LED			2, 3, 4, 8
N1	RECESSED EXAM LIGHT KIRLIN: RR00817	1	250	Q250T4/DC TUNGSTEN	RECESSED	D	2, 3, 4, 8
N2	WALL MOUNTED HOSPITAL BED LIGHT HEALTHCARE LIGHTING: HPW24 120 T5HO 22 LC2	4	54	T5HO	WALL MOUNT 72" AFF	A, B	2, 3, 4, 8
P1	MONOPOINT PENDENT HUBBARDTONE FORGE: ERLANMEYER 18-710	1	40W	HALOGEN	CEILING / OVERALL LENGTH TO BE 23.6"	G	
P2	CEILING MOUNT PENDENT SCOTT: S2356 4C42T BN STANDARD FABRIC	4	42W	CF TTT	CEILING / OVERALL LENGTH TO BE 30"	B	
P3	CEILING MOUNT PENDENT SCOTT: S2358 8C42T BN STANDARD FABRIC	8	42W	CF TTT	CEILING / OVERALL LENGTH TO BE 34"	B	
P4	CEILING MOUNT PENDENT SCOTT: S2359 8C42T BN STANDARD FABRIC	8	42W	CF TTT	CEILING / OVERALL LENGTH TO BE 46"	B	
R1	VOLUMETRIC RECESSED FIXTURE LED LITHONIA: 2RTL 33L D38 LP840 BLD	FACTORY		LED	RECESSED		2, 3, 4, 8
R2	VOLUMETRIC RECESSED FIXTURE LITHONIA: 2RT5 54T5HO MVOLT GEB10RS	2	54	T5HO	RECESSED	B	2, 3, 4, 8
R3	VOLUMETRIC RECESSED FIXTURE LITHONIA: 2RT8S 217 MVOLT GEB10RS	2	17	T8	RECESSED	B	2, 3, 4, 8
R4	VOLUMETRIC RECESSED FIXTURE LITHONIA: 2RT8S 232 MVOLT BSNP	2	32	T8	RECESSED	B	2, 3, 4, 8
R5	VOLUMETRIC RECESSED FIXTURE LITHONIA: 2RT5 24T5HO MVOLT GEB80S	2	24	T5HO	RECESSED	B	2, 3, 4, 8
R6	VOLUMETRIC RECESSED FIXTURE LITHONIA: 2RT8S 232 MVOLT ADEZ	2	32	T8	RECESSED	B,L	2, 3, 4, 8
S1	WALL MOUNTED FIXTURE SCOTT: S3720 2C26E BA 120	2	26	CF QUAD	ABOVE MIRROR	B	
S2	WALL MOUNTED FIXTURE LITHONIA:	1	32	T8	EXISTING LOCATION	B	2, 3, 4, 8
T1	EXTERIOR WALL MOUNTED FIXTURE LITHONIA: WST-LED-2-10A700/40K-SR3-120-PE-DWHXD	20	4.3EA	LED	WALL 8'-6" AFF	A	2, 3, 4, 8
V1	BOLLARD HYDREL: 3110.36 LED WHT30K 120 FT BZ		60	LED	CONCRETE BASE	N	2, 3, 4, 8
X1	LED EXIT LIGHT LITHONIA: LE S 1 R 120/277	FACTORY		LED	UNIVERSAL		2, 3, 4, 8
X2	LED X-RAY LIGHT LITHONIA: LE S 1 R 120/277	FACTORY		LED	WALL		2, 3, 4, 8

OTHER MANUFACTURERS

- 1 LITHONIA
- 2 COLUMBIA
- 3 COOPER
- 4 DAY-BRITE
- 5 INDY
- 6 WILLIAMS
- 7 MCPHILBEN
- 8 HUBBEL
- 9 DUAL-LITE

NOTES:

- A. CONTRACTOR TO PROVIDE BACKING FOR ALL WALL MOUNTED FIXTURES.
- B. ALL FLUORESCENT LAMPS SHALL BE 75 CRI, 4100K.
- C. ALL FLUORESCENT BALLASTS TO BE HIGH FREQUENCY ELECTRONIC INSTANT START AND HAVE LESS THAN 10% THD.
AND AN A+ SOUND RATING.
- D. INSIDE FROSTED, 3000K COLOR TEMPATURE, 100 CRI, AND RATED 2000 HOUR LAMP LIFE.
- E. MOUNT FIXTURE ABOVE DOOR.
- F. CHAIN HANG FIXTURE BELOW PIPES AND DUCTS. COORDINATE WITH MECHANICAL CONTRACTOR. SUPPORT FIXTURES FROM STRUCTURE ONLY.
- G. OVERALL LENGTH OF FIXTURE TO BE 23.6"
FULL DIMMABLE) AND INCLUDED IN SHOP DRAWINGS.
- H. MOUNT DIRECTIONAL ARROWS AS SHOWN ON DRAWINGS
- I. MOUNT FIXTURE UNDER CABINET NEXT TO BACK WALL.
- L. FLUORESCENT LAMPS USED WITH DIMMING BALLASTS SHALL BE BURNED IN MINIMUM OF 100 HRS. AT 100% BEFORE DIMMING.
- N. PROVIDE 3/4" x 10' LONG COPPER GROUND ROD AND ATTACH GROUND ROD AND POLE GROUND LUG WITH #8 WIRE.

Client Information

JCHC

Issue Date 01-25-2013

Job # 12-0185

Drawn by: DDC

CADD file: E-104

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Drawing Title
and Subtitle

From Sheet: E-104 for CA use:

Drawing #

E-104.2

2200 H St.
Fairbury, NE 68506

Project Information
**Patient Wing
Renovation**

Lincoln

1221 N Street, Suite 600

Lincoln, NE 68508

Phone 402-476-9700

Fax 402-476-9722

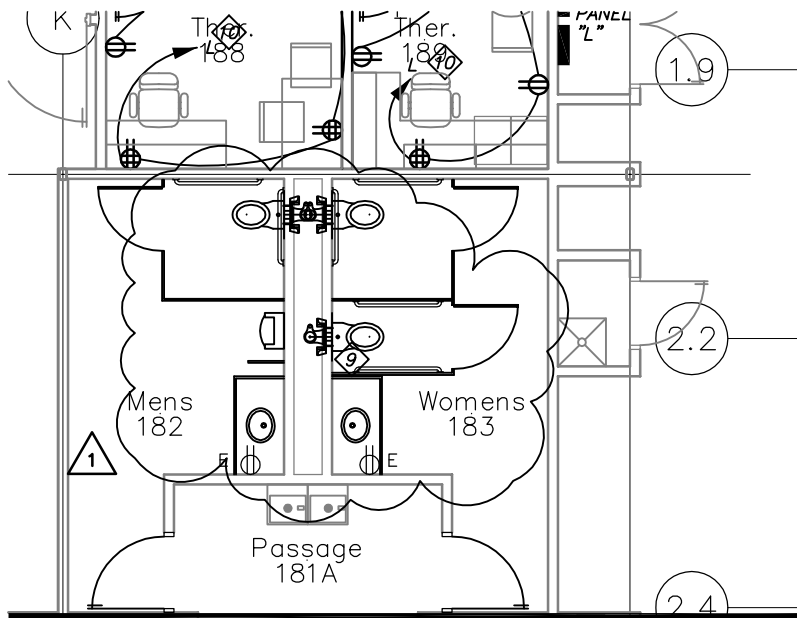
Vermillion

15 East Main, Suite 201

Vermillion, SD 57069

Phone 605-624-1081

DAVIS
DESIGN
Architecture Engineering Interior Design



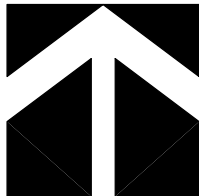
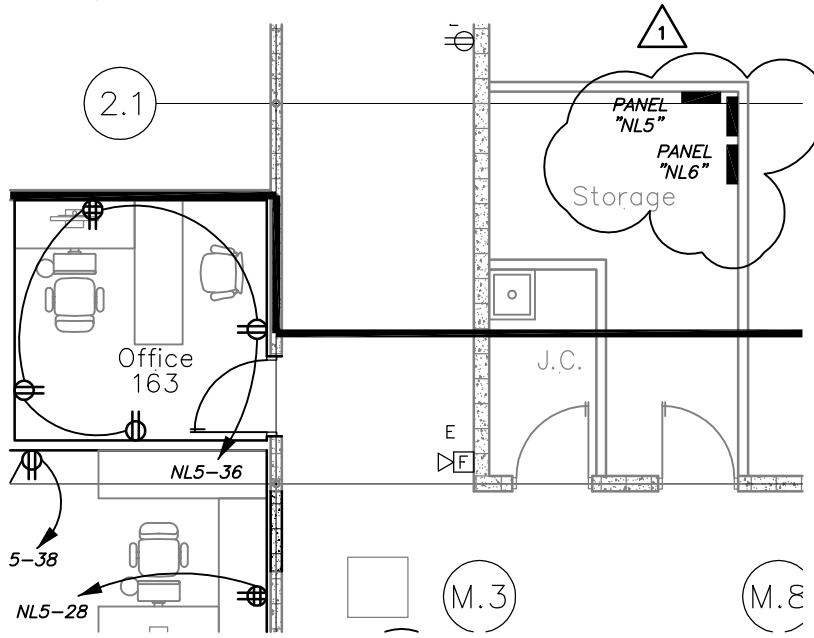
GENERAL NOTES

GENERAL NOTES:

SEE SHEET E-101 FOR GENERAL LIGHTING NOTES. SEE SHEET E-102 FOR GENERAL POWER NOTES. SEE SHEET E-103 FOR SPECIAL SYSTEMS GENERAL NOTES.

ELECTRICAL KEYED NOTES

REFER TO SHEET E-101 FOR LIGHTING KEYED NOTES, SHEET E-102 FOR POWER KEYED NOTES AND SHEET E-103 FOR SPECIAL SYSTEMS KEYED NOTES.



3

Power Plan

Scale: 1/8" = 1'-0"

Lincoln
1221 N Street, Suite 600
Lincoln NE 68508
Phone 402-476-9700
Fax 402-476-9722

Vermillion
15 East Main, Suite 201
Vermillion SD 57069
Phone 605-624-1081



Client Information
JCHC

2200 H St.
Fairbury, NE 68506

Project Information
**Patient Wing
Renovation**

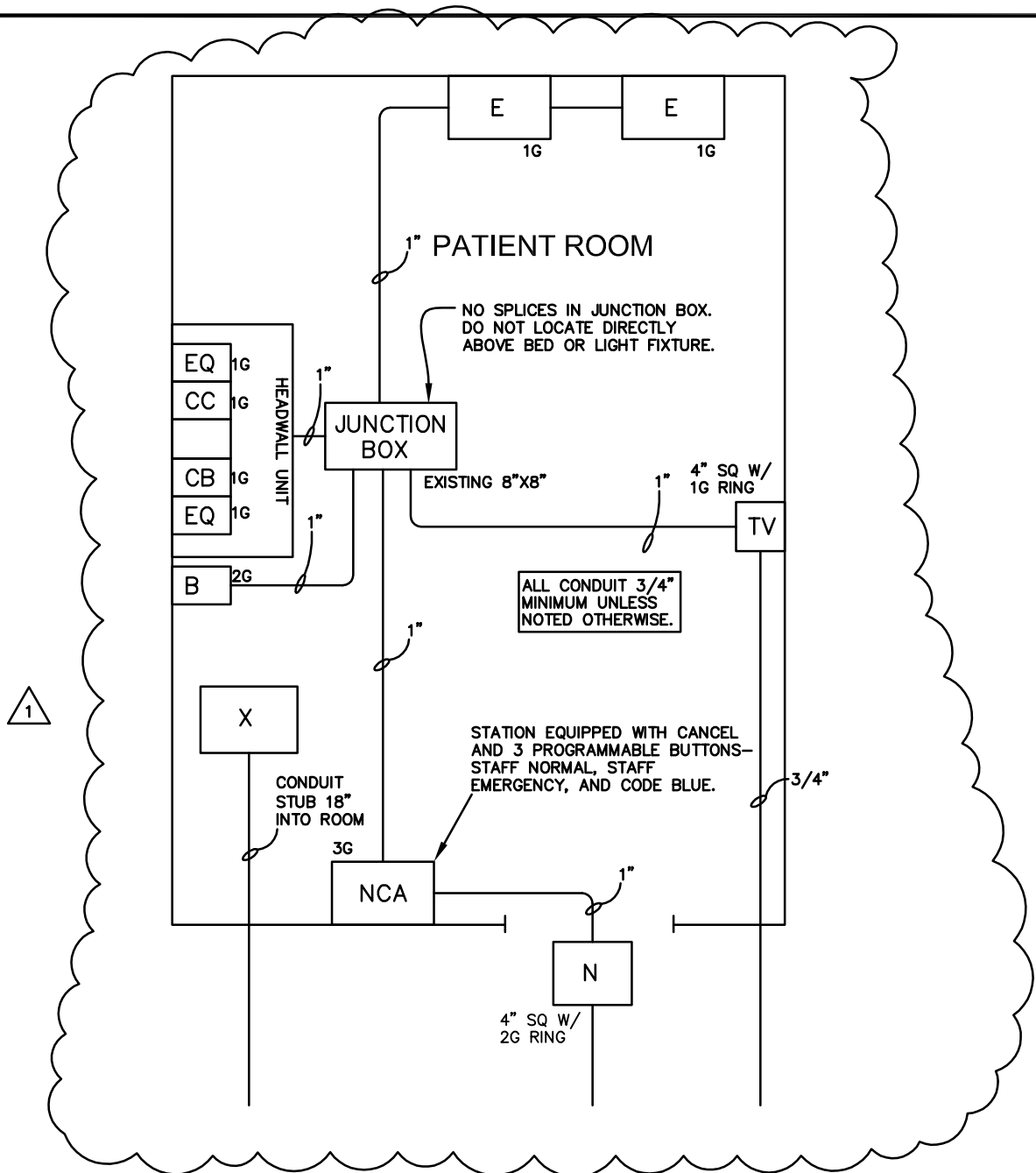
Issue Date	01-25-2013
Job #	12-0185
Drawn by:	DDC
CADD file:	E-104

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Drawing Title
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information

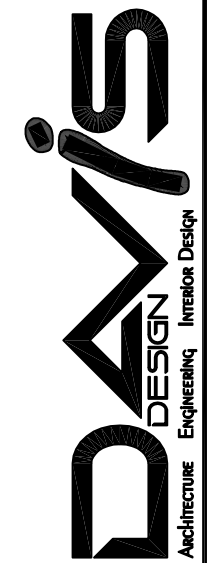
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Drawing #
E-104.3



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 1221 N Street, Suite 600
 Lincoln NE 68508
 Phone 402-476-9700
 Fax 402-476-9722

Vermillion
 15 East Main, Suite 201
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 Phone 605-624-1081



Client Information
JCHC
 2200 H St.
 Fairbury, NE 68506

Project Information
**Patient Wing
 Renovation**

Issue Date	01-25-2013
Job #	12-0185
Drawn by:	DDC
CADD file:	E-501

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Drawing Title
 Detail

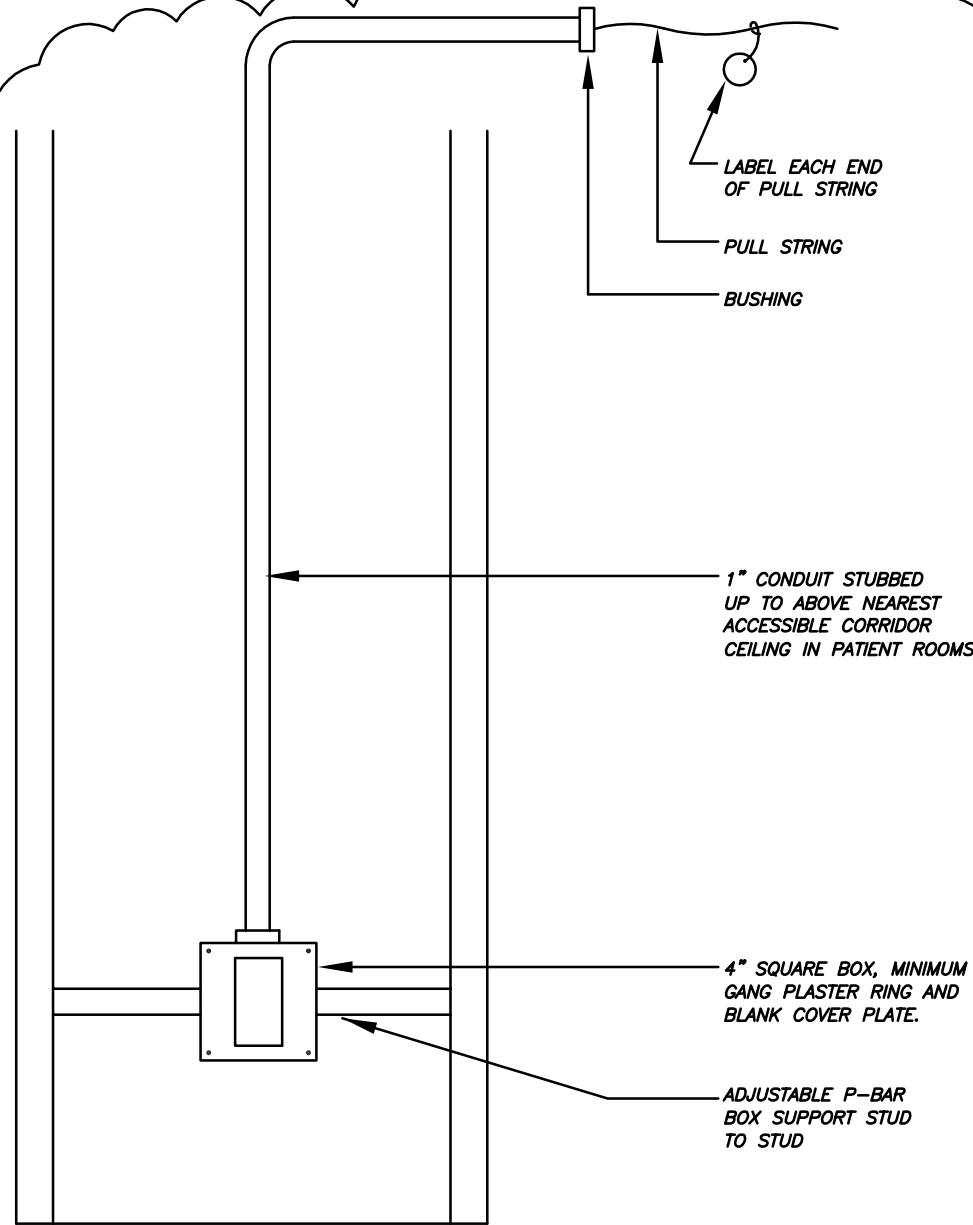
From Sheet: E-501	for CA use:
Drawing # E-501.1	

1

Detail Typical Patient Room Nurse Call Wiring

Scale: NOT TO SCALE

1



4

Special Systems Rough-In Detail

Scale: NOT TO SCALE

Lincoln
 1221 N Street, Suite 600
 Lincoln NE 68508
 Phone 402-476-9700
 Fax 402-476-9722

Vermillion
 15 East Main, Suite 201
 Vermillion SD 57069
 Phone 605-624-1081



Client Information

JCHC

2200 H St.
Fairbury, NE 68506

Project Information

Patient Wing Renovation

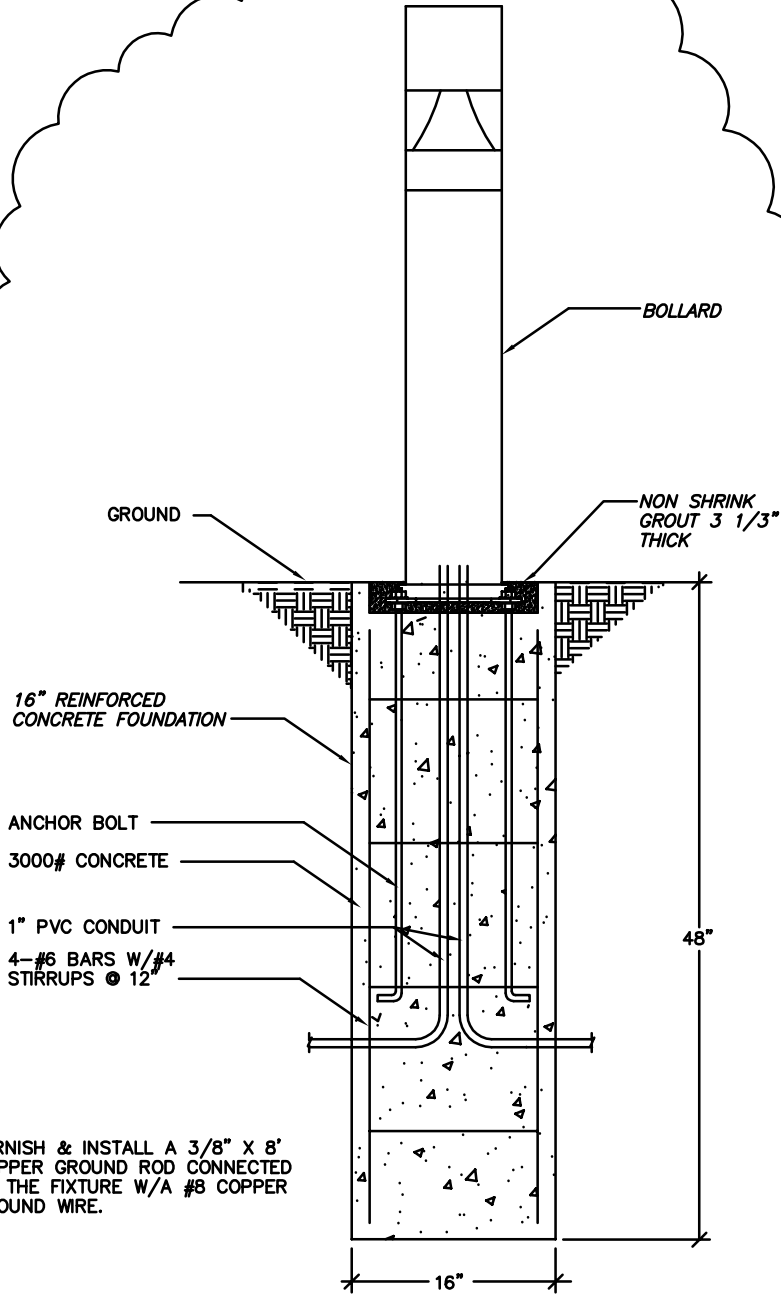
Issue Date	01-25-2013
Job #	12-0185
Drawn by:	DDC
CADD file:	E-501

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Drawing Title
Detail

From Sheet: E-501	for CA use:
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Drawing # E-501.1



NOTE:
 1. FURNISH & INSTALL A 3/8" X 8" COPPER GROUND ROD CONNECTED TO THE FIXTURE W/A #8 COPPER GROUND WIRE.

5

Bollard Base Detail

Scale: NOT TO SCALE

Lincoln
 1221 N Street, Suite 600
 Lincoln NE 68508
 Phone 402-476-9700
 Fax 402-476-9722

Vermillion
 15 East Main, Suite 201
 Vermillion SD 57069
 Phone 605-624-1081



Client Information
JCHC

2200 H St.
 Fairbury, NE 68506

Project Information
**Patient Wing
 Renovation**

Issue Date	01-25-2013
Job #	12-0185
Drawn by:	DDC
CADD file:	E-501
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Drawing Title
 Detail

From Sheet: E-501	for CA use:
Drawing # E-501.1	

PANEL SCHEDULE

PANEL TAG: CR1		3 PHS.		120/ 208 VOLT		225 AMP MAIN LUGS ONLY		NOUNTING:			
NOT SERVICE RATED		4 WIRE		10,000 A.I.C.		1 NEMA ENCLOSURE TYPE		SURFACE			
CKT	O/C PROT.	DESCRIPTION	DISTRIBUTION K.W.				DISTRIBUTION K.W.			O/C PROT.	CKT
			LTG	REC	MTR	PH	LTG	REC	MTR		
1	20/1	LIGHTS 107	0.839			A		0.72	RECPT. MONITOR 107	20/1	2
3	20/1	LIGHTS 108	0.839			B		0.36	RECPT. BED HEADWALL 107	20/1	4
5	20/1	LIGHTS 109	0.839			C		0.18	RECPT. BED 107	20/1	6
7	20/1	LIGHTS 110	0.839			A		0.72	RECPT. MONITOR 108	20/1	8
9	20/1	LIGHTS 111	0.839			B		0.36	RECPT. BED HEADWALL 108	20/1	10
11	20/1	LIGHTS 112	0.839			C		0.18	RECPT. BED 108	20/1	12
13	20/1	LIGHTS 113	1			A		0.72	RECPT. MONITOR 109	20/1	14
15	20/1	LIGHTS 114	0.839			B		0.36	RECPT. BED HEADWALL 109	20/1	16
17	20/1	LIGHTS 115	1			C		0.18	RECPT. BED 109	20/1	18
19	20/1	LIGHTS 116	0.839			A		0.72	RECPT. MONITOR 110	20/1	20
21	20/1	LIGHTS 101	0.839			B		0.36	RECPT. BED HEADWALL 110	20/1	22
23	20/1	LIGHTS 102	0.839			C		0.18	RECPT. BED 110	20/1	24
25	20/1	LIGHTS 103	0.839			A		0.72	RECPT. MONITOR 111	20/1	26
27	20/1	LIGHTS 104	0.839			B		0.36	RECPT. BED HEADWALL 111	20/1	28
29	20/1	LIGHTS 105	0.839			C		0.18	RECPT. BED 111	20/1	30
31	20/1	LIGHTS 106	0.839			A		0.72	RECPT. MONITOR 112	20/1	32
33	20/1	RECPT. MONITOR 106		0.72		B		0.36	RECPT. BED HEADWALL 112	20/1	34
35	20/1	RECPT. BED HEADWALL 106		0.36		C		0.18	RECPT. BED 112	20/1	36
37	20/1	RECPT. BED 106		0.18		A		0.72	RECPT. MONITOR 113	20/1	38
39	20/1	RECPT. MONITOR 105		0.72		B		0.36	RECPT. BED HEADWALL 113	20/1	40
41	20/1	RECPT. BED HEADWALL 105		0.36		C		0.18	RECPT. BED 113	20/1	42
43	20/1	RECPT. BED 105		0.18		A		0.72	RECPT. MONITOR 114	20/1	44
45	20/1	RECPT. MONITOR 104		0.72		B		0.36	RECPT. BED HEADWALL 114	20/1	46
47	20/1	RECPT. BED HEADWALL 104		0.36		C		0.18	RECPT. BED 114	20/1	48
49	20/1	RECPT. BED 104		0.18		A		0.72	RECPT. MONITOR 115	20/1	50
51	20/1	RECPT. MONITOR 103		0.72		B		0.36	RECPT. BED HEADWALL 115	20/1	52
53	20/1	RECPT. BED HEADWALL 103		0.36		C		0.18	RECPT. BED 115	20/1	54
55	20/1	RECPT. BED 103		0.18	EQDP1	A		0.72	RECPT. MONITOR 116	20/1	56
57	20/1	RECPT. MONITOR 102		0.72		B		0.36	RECPT. BED HEADWALL 116	20/1	58
59	20/1	RECPT. BED HEADWALL 102		0.36		C		0.18	RECPT. BED 116	20/1	60
61	20/1	RECPT. BED 102		0.18		A		0.36	RECPT. BED HEADWALL 113	20/1	62
63	20/1	RECPT. MONITOR 101		0.72		B		0.36	RECPT. BED HEADWALL 114	20/1	64
65	20/1	RECPT. BED HEADWALL 101		0.36		C		0.36	RECPT. BED HEADWALL 115	20/1	66
67	20/1	RECPT. BED 101		0.18		A		0.36	RECPT. BED HEADWALL 116	20/1	68
69	20/1	SPARE				B			SPARE	20/1	70
71	20/1	SPARE				C			SPARE	20/1	72
73	20/1	SPARE				A			SPARE	20/1	74
75	20/1	SPARE				B			SPARE	20/1	76
77	20/1	SPARE				C			SPARE	20/1	78
79	20/1	SPARE				A			SPARE	20/1	80
81	20/1	SPARE				B			SPARE	20/1	82
83	20/1	SPARE				C			SPARE	20/1	84

NOTES:

1

Client Information

JCHC

2200 H St.
Fairbury, NE 68506

Project Information

Patient Wing
Renovation

Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-603

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Drawing Title

Panel Schedule

From Sheet:	E-603	for CA use:
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Drawing #	E-603.1
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PANEL SCHEDULE

PANEL TAG: CR2		3 PHS.	120/ 208 VOLT	225 AMP MAIN LUGS ONLY	MOUNTING:						
NOT SERVICE RATED		4 WIRE	10,000 A.I.C.	1 NEMA ENCLOSURE TYPE	SURFACE						
CKT	O/C PROT.	DESCRIPTION	DISTRIBUTION K.W.				DESCRIPTION	O/C PROT.	CKT		
			LTG	REC	MTR	PH				LTG	REC
1	20/1	LIGHTS NURSES/NURSERY	0.255			A	0.54		RECPT. IT 137	20/1	2
3	20/1	LIGHTS PHARMACY	1.4			B	0.36		RECPT. SLEEP ROOMS 144, 144A	20/1	4
5	20/1	NURSE CALL SYSTEM	0.6			C	0.54		RECPT. OFFICE 146	20/1	6
7	20/1	LIGHTS LDR 117	0.679			A	0.72		RECPT. NURSES STATION 130	20/1	8
9	20/1	MEDICAL GAS ALARM	0.5			B	0.72		RECPT. NURSES STATION 130	20/1	10
11	20/1	NURSE CALL SYSTEM	0.6			C	0.72		RECPT. NURSES STATION 130	20/1	12
13	20/1	SPARE				A	0.72		RECPT. NURSES STATION 130	20/1	14
15	20/1	SPARE				B	0.72		RECPT. NURSES STATION 130	20/1	16
17	20/1	SPARE				C	0.72		RECPT. NURSES STATION 130	20/1	18
19	20/1	SPARE				A	0.18		RECPT. NURSES STATION 130	20/1	20
21	20/1	SPARE				B	0.6		RECPT. CRASH CART	20/1	22
23	20/1	SPARE				C	0.36		RECPT. DICT 131	20/1	24
25	20/1	SPARE				A	0.72		RECPT. PHARMACY 148	20/1	26
27	20/1	SPARE				B	0.72		RECPT. PHARMACY 148	20/1	28
29	20/1	SPARE				C	0.72		RECPT. PHARMACY 148	20/1	30
31	20/1	RECPT. NURSES STATION 130		0.18		A	0.7		BLOOD BANK HELMER LAB 147	20/1	32
33	20/1	RECPT. NURSES STATION 130		0.7		B	0.54		RECPT. NURSERY 133 COUNTER	20/1	34
35	20/1	RECPT. BASSINETS HEADWALL LDR 117		0.36		C	0.18		RECPT. NURSERY 133 COUNTER	20/1	36
37	20/1	RECPT. BED LRD 117		0.18		A	1.4		RECPT. NURSERY 133 BASSINETS	20/1	38
39	20/1	RECPT. MONITOR LDR 117		0.18		B	0.36		RECPT. NUSERY 133 CRIB	20/1	40
41	20/1	RECPT. BED HEADWALL LDR 117		0.36		C	0.36		RECPT. NUSERY 133 CRIB	20/1	42

NOTES:

Client Information

JCHC

2200 H St.
Fairbury, NE 68506

Project Information

**Patient Wing
Renovation**

Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-603

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Drawing Title
Panel Schedule

From Sheet:	E-603	for CA use:
Drawing #	E-603.2	

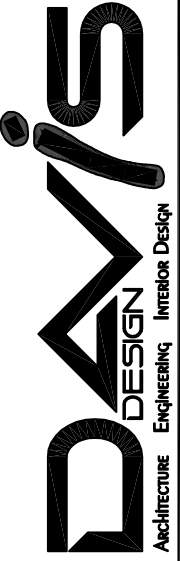


PANEL SCHEDULE												
PANEL TAG: LS1			3 PHS.	120/ 208 VOLT	125 AMP MAIN LUGS ONLY	MOUNTING:						
NOT SERVICE RATED			4 WIRE	10,000 A.I.C.	1 NEMA ENCLOSURE TYPE	SURFACE						
CKT	O/C PROT.	DESCRIPTION	DISTRIBUTION K.W.				DISTRIBUTION K.W.			DESCRIPTION	O/C PROT.	CKT
			LTG	REC	MTR	PH	LTG	REC	MTR			
1	20/1	CORRIDOR EMERGENCY LIGHTING	1.351			A	1.228			MEETING RM. 151 LIGHTING	20/1	2
3	20/1	FIRE ALARM PANEL	0.6			B				SPACE		4
5		SPACE				C				SPACE		6
7		SPACE				A				SPACE		8
9		SPACE				B				SPACE		10
11		SPACE				C				SPACE		12
13		SPACE				A				SPACE		14
15		SPACE				B				SPACE		16
17		SPACE				C				SPACE		18
19		SPACE				A				SPACE		20
21		SPACE				B				SPACE		22
23		SPACE				C				SPACE		24
25		SPACE				A				SPACE		26
27		SPACE				B				SPACE		28
29		SPACE				C				SPACE		30

NOTES:

Lincoln
 1221 N Street, Suite 600
 Lincoln, NE 68508
 Phone 402-476-9700
 Fax 402-476-9722

Vermillion
 15 East Main, Suite 201
 Vermillion, SD 57069
 Phone 605-624-1081



Client Information

JCHC

2200 H St.
 Fairbury, NE 68506

Project Information

**Patient Wing
 Renovation**

Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-603

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Drawing Title
Panel Schedule

From Sheet: **E-603** for CA use:

Drawing #
E-603.3



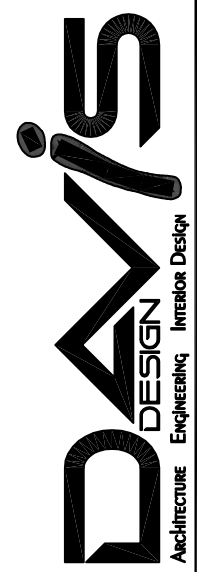
PANEL SCHEDULE													
PANEL TAG: EXISTING EQDP			3	PHS.	120/ 208	VOLT	400	AMP MAIN LUGS ONLY			MOUNTING:		
NOT SERVICE RATED			4	WIRE	22,000	A.I.C.	1	NEMA ENCLOSURE TYPE			SURFACE		
CKT	O/C PROT.	DESCRIPTION	DISTRIBUTION K.W.				DISTRIBUTION K.W.				O/C PROT.	CKT	
			LTG	REC	MTR	PH	LTG	REC	MTR	DESCRIPTION			
1		BLANK				A	1.2				* EMEP	100/3	2
3		BLANK				B	1.2				*-	-	4
5		BLANK				C	1.2				*-	-	6
7	80/3	SUBFEED "EQDP1"	2.57			A				3.3	* COOLER CONDENSOR	20/3	8
9	-	-	2.57			B				3.3	*-	-	10
11	-	-	2.57			C				3.3	*-	-	12
13	100/3	SUBFEED "EQ1"	4.87			A				3.3	* FREEZER CONDENSOR	20/3	14
15	-	-	4.87			B				3.3	*-	-	16
17	-	-	4.87			C				3.3	*-	-	18
19	100/3	SUBFEED "EQ2"	7.51			A				3.3	* HWCP 1A	20/3	20
21	-	-	7.51			B				3.3	*-	-	22
23	-	-	7.51			C				3.3	*-	-	24
25	100/3	SUBFEED "EQ3"	6.90			A					* HWCP 1A	20/3	26
27	-	-	6.90			B					*-	-	28
29	-	-	6.90			C					*-	-	30
31	100/3	SUBFEED "EQ4"	6.98			A				3.3	* CP-1	20/3	32
33	-	-	6.98			B				3.3	*-	-	34
35	-	-	6.98			C				3.3	*-	-	36
37	100/3	SUBFEED "LB1"	3.63			A					CP-2	20/3	38
39	-	-	3.63			B					*-	-	40
41	-	-	3.63			C					*-	-	42

* EXISTING CIRCUIT

NOTES:

Lincoln
1221 N Street, Suite 600
Lincoln, NE 68508
Phone 402-476-9700
Fax 402-476-9722

Vermillion
15 East Main, Suite 201
Vermillion, SD 57069
Phone 605-624-1081



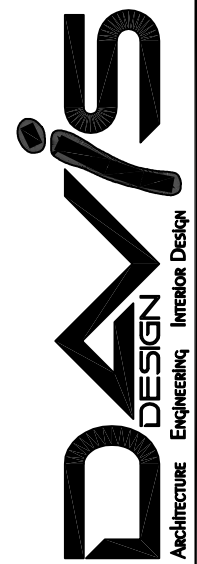
Client Information	
JCHC	
2200 H St. Fairbury, NE 68506	
Project Information	
Patient Wing Renovation	
Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-603
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Panel Schedule	
From Sheet:	for CA use:
E-603	
Drawing #	
E-603.4	

PANEL SCHEDULE													
PANEL TAG: EQDP1			3 PHS.		120/ 208 VOLT		125 AMP MAIN LUGS ONLY			MOUNTING:			
NOT SERVICE RATED			4 WIRE		22,000 A.I.C.		1 NEMA ENCLOSURE TYPE			SURFACE			
CKT	O/C PROT.	DESCRIPTION	DISTRIBUTION K.W.				DISTRIBUTION K.W.				O/C PROT.	CKT	
			LTG	REC	MTR	PH	LTG	REC	MTR	DESCRIPTION			
1	20/2	* FREEZER EVAPORATOR			1	A			1		* COOLER EVAPORATOR	20/1	2
3	-	*-			1	B			1		* COOLER FREEZER HEAT TAPE	20/1	4
5	20/1	* CONTROLER TRANSFORMERS			1	C			2		* OUTPATIENT ENTRY VEST. HEATER	30/2	6
7	20/2	* CARDIAC REHAB COVER HEATER			1	A			2			-	8
9	-	*-			1	B					SPACE		10
11		SPACE				C					SPACE		12
13		SPACE				A					SPACE		14
15		SPACE				B					SPACE		16
17		SPACE				C					SPACE		18
19		SPACE				A					SPACE		20
21		SPACE				B					SPACE		22
23		SPACE				C					SPACE		24
25		SPACE				A					SPACE		26
27		SPACE				B					SPACE		28
29		SPACE				C					SPACE		30
31		SPACE				A					SPACE		32
33		SPACE				B					SPACE		34
35		SPACE				C					SPACE		36
37		SPACE				A					SPACE		38
39		SPACE				B					SPACE		40
41		SPACE				C					SPACE		42

NOTES: * CIRCUITS TO BE MOVED FROM PANEL "EQDP" TO THIS PANEL.

Lincoln
1221 N Street, Suite 600
Lincoln, NE 68508
Phone 402-476-9700
Fax 402-476-9722

Vermillion
15 East Main, Suite 201
Vermillion, SD 57069
Phone 605-624-1081



Client Information

JCHC

2200 H St.
Fairbury, NE 68506

Project Information

Patient Wing
Renovation

Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-603

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Drawing Title
Panel Schedule

From Sheet:	E-603	for CA use:
Drawing #	E-603.5	

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PANEL SCHEDULE												
PANEL TAG: EQ1			3	PHS.	120/ 208	VOLT	125	AMP MAIN LUGS ONLY			MOUNTING:	
NOT SERVICE RATED			4	WIRE	10,000	A.I.C.	1	NEMA ENCLOSURE TYPE			SURFACE	
CKT	O/C PROT.	DESCRIPTION	DISTRIBUTION K.W.				DISTRIBUTION K.W.				O/C PROT.	CKT
			LTG	REC	MTR	PH	LTG	REC	MTR	DESCRIPTION		
1	20/1	EF-1 EXHAUST FAN #1			1.2	A			1.2	EF-2 EXHAUST FAN #2	20/1	2
3	20/1	EF-1 EXHAUST FAN #3			1.2	B			1.1	PLUG MOLD 121	20/1	4
5	20/1	PLUG MOLD 121			1.1	C				HOT WATER PUMP HWP-2	35/3	6
7	35/3	HOT WATER PUMP HWP-1			5.03	A					-	8
9	-	-			5.03	B					-	10
11	-	-			5.03	C				SPARE	20/1	12
13	20/1	SPARE				A				SPARE	20/1	14
15	20/1	SPARE				B				SPARE	20/1	16
17	20/1	SPARE				C				SPARE	20/1	18
19	20/1	SPARE				A				SPARE	20/1	20
21	20/1	SPARE				B				SPARE	20/1	22
23	20/1	SPARE				C				SPARE	20/1	24
25	20/1	SPARE				A				SPARE	20/1	26
27	20/1	SPARE				B				SPARE	20/1	28
29	20/1	SPARE				C				SPARE	20/1	30
31	20/1	SPARE				A				SPARE	20/1	32
33	20/1	SPARE				B				SPARE	20/1	34
35	20/1	SPARE				C				SPARE	20/1	36
37	20/1	SPARE				A				SPARE	20/1	38
39	20/1	SPARE				B				SPARE	20/1	40
41	20/1	SPARE				C				SPARE	20/1	42

NOTES:

Lincoln
 1221 N Street, Suite 600
 Lincoln, NE 68508
 Phone 402-476-9700
 Fax 402-476-9722

Vermillion
 15 East Main, Suite 201
 Vermillion, SD 57069
 Phone 605-624-1081



Client Information
JCHC
 2200 H St.
 Fairbury, NE 68506

Project Information
**Patient Wing
 Renovation**

Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-603
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Drawing Title
 Panel Schedule

From Sheet: E-603	for CA use:
Drawing # E-603.6	

PANEL SCHEDULE												
PANEL TAG: EQ2			3	PHS.	120/ 208	VOLT	125	AMP MAIN BREAKER		MOUNTING:		
NOT SERVICE RATED			4	WIRE	10,000	A.I.C.	1	NEMA ENCLOSURE TYPE		SURFACE		
CKT	O/C PROT.	DESCRIPTION	DISTRIBUTION K.W.			PH	DISTRIBUTION K.W.			DESCRIPTION	O/C PROT.	CKT
			LTG	REC	MTR		LTG	REC	MTR			
1	20/1	LIGHTS X-RAY	1.1			A			0.6	PHARMACY FUME HOOD 149A	20/1	2
3	20/1	RECPT HIS 175	0.18			B			0.6	PHARMACY FUME HOOD 149B	20/1	4
5	60/3	AHU-2			5.5	C			0.7	PHARMACY REFR.	20/1	6
7	-	-			5.5	A			1.2	PHARMACY UNDER COUNTERREFRS.	20/1	8
9	-	-			5.5	B			0.72	PHARMACY COMP. 148, 148B	20/1	10
11	20/1	EF-4 EXHAUST FAN #4			1.2	C			0.72	PHARMACY OFFICE 148C	20/1	12
13	30/3	EF-5			1.3	A			1	H1 HUMDIFIER	15/3	14
15	-	-			1.3	B			1		-	16
17	-	-			1.3	C			1		-	18
19	20/2	EF-6			0.6	A				SPARE	20/1	20
21	-	-			0.6	B				SPARE	20/1	22
23	20/1	SPARE				C				SPARE	20/1	24
25	20/1	SPARE				A				SPARE	20/1	26
27	20/1	SPARE				B				SPARE	20/1	28
29	20/1	SPARE				C				SPARE	20/1	30
31	20/1	SPARE				A				SPARE	20/1	32
33	20/1	SPARE				B				SPARE	20/1	34
35	20/1	SPARE				C				SPARE	20/1	36
37	20/1	SPARE				A				SPARE	20/1	38
39	20/1	SPARE				B				SPARE	20/1	40
41	20/1	SPARE				C				SPARE	20/1	42

NOTES:

Lincoln
 1221 N Street, Suite 600
 Lincoln, NE 68508
 Phone 402-476-9700
 Fax 402-476-9722

Vermillion
 15 East Main, Suite 201
 Vermillion, SD 57069
 Phone 605-624-1081



Client Information
JCHC
 2200 H St.
 Fairbury, NE 68506

Project Information
**Patient Wing
 Renovation**

Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-603

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Drawing Title
Panel Schedule

From Sheet:	E-603	for CA use:
Drawing #	E-603.7	

1

PANEL SCHEDULE												
PANEL TAG: EQ3			3 PHS.		120/ 208 VOLT		125 AMP MAIN LUGS ONLY			MOUNTING:		
NOT SERVICE RATED			4 WIRE		10,000 A.I.C.		1 NEMA ENCLOSURE TYPE			SURFACE		
CKT	O/C PROT.	DESCRIPTION	DISTRIBUTION K.W.				DISTRIBUTION K.W.			DESCRIPTION	O/C PROT.	CKT
			LTG	REC	MTR	PH	LTG	REC	MTR			
1	35/3	AHU-1 SUPPLY FAN #1			2.9	A			2.9	AHU-1 SUPPLY FAN #2	35/3	2
3	-				2.9	B			2.9	-	-	4
5	-				2.9	C			2.9	-	-	6
7	25/3	AHU-1 EXHAUST FAN #1			2	A			2	AHU-1 EXHAUST FAN #2	25/3	8
9	-				2	B			2	-	-	10
11	-				2	C			2	-	-	12
13	20/1	SPARE				A			0.18	LIGHTS PENTHOUSE	20/1	14
15	20/1	SPARE				B				SPARE	20/1	16
17	20/1	SPARE				C				SPARE	20/1	18
19	20/1	SPARE				A				SPARE	20/1	20
21	20/1	SPARE				B				SPARE	20/1	22
23	20/1	SPARE				C				SPARE	20/1	24
25	20/1	SPARE				A				SPARE	20/1	26
27	20/1	SPARE				B				SPARE	20/1	28
29	20/1	SPARE				C				SPARE	20/1	30

NOTES:

Lincoln
 1221 N Street, Suite 600
 Lincoln, NE 68508
 Phone 402-476-9700
 Fax 402-476-9722

Vermillion
 15 East Main, Suite 201
 Vermillion, SD 57069
 Phone 605-624-1081



Client Information	
JCHC	
2200 H St. Fairbury, NE 68506	
Project Information	
Patient Wing Renovation	
Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-603
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Drawing Title	
Panel Schedule	
From Sheet:	for CA use:
E-603	
Drawing #	
E-603.8	

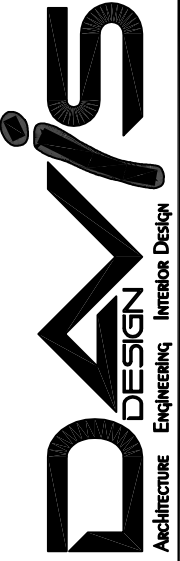
1

PANEL SCHEDULE												
PANEL TAG: EQ4			3 PHS.		120/ 208 VOLT		125 AMP MAIN LUGS ONLY		MOUNTING:			
NOT SERVICE RATED			4 WIRE		10,000 A.I.C.		1 NEMA ENCLOSURE TYPE		SURFACE			
CKT	O/C PROT.	DESCRIPTION	DISTRIBUTION K.W.			DISTRIBUTION K.W.			DESCRIPTION	O/C PROT.	CKT	
			LTG	REC	MTR	PH	LTG	REC				MTR
1	35/3	AHU-1 SUPPLY FAN #1			2.9	A			2.9	AHU-1 SUPPLY FAN #2	35/3	2
3	-	-			2.9	B			2.9	-	-	4
5	-	-			2.9	C			2.9	-	-	6
7	25/3	AHU-1 EXHAUST FAN #1			2	A			2	AHU-1 EXHAUST FAN #2	25/3	8
9	-	-			2	B			2	-	-	10
11	-	-			2	C			2	-	-	12
13	20/1	SMOKE DAMPERS			0.5	A				SPARE	20/1	14
15	20/1	SPARE				B				SPARE	20/1	16
17	20/1	SPARE				C				SPARE	20/1	18
19	20/1	SPARE				A				SPARE	20/1	20
21	20/1	SPARE				B				SPARE	20/1	22
23	20/1	SPARE				C				SPARE	20/1	24
25	20/1	SPARE				A				SPARE	20/1	26
27	20/1	SPARE				B				SPARE	20/1	28
29	20/1	SPARE				C				SPARE	20/1	30
31	20/1	SPARE				A				SPARE	20/1	32
33	20/1	SPARE				B				SPARE	20/1	34
35	20/1	SPARE				C				SPARE	20/1	36
37	20/1	SPARE				A				SPARE	20/1	38
39	20/1	SPARE				B				SPARE	20/1	40
41	20/1	SPARE				C				SPARE	20/1	42

NOTES:

Lincoln
1221 N Street, Suite 600
Lincoln, NE 68508
Phone 402-476-9700
Fax 402-476-9722

Vermillion
15 East Main, Suite 201
Vermillion, SD 57069
Phone 605-624-1081



Client Information	
JCHC	
2200 H St. Fairbury, NE 68506	
Project Information	
Patient Wing Renovation	
Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-603
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Drawing Title	
Panel Schedule	
From Sheet:	for CA use:
E-603	
Drawing #	
E-603.9	



PANEL SCHEDULE

PANEL TAG: LB1			3 PHS.	120/ 208 VOLT	125 AMP MAIN LUGS ONLY	MOUNTING:									
NOT SERVICE RATED			4 WIRE	10,000 A.I.C.	1 NEMA ENCLOSURE TYPE	SURFACE									
CKT	O/C PROT.	DESCRIPTION	DISTRIBUTION K.W.				DISTRIBUTION K.W.			DESCRIPTION	O/C PROT.	CKT			
			LTG	REC	MTR	PH	LTG	REC	MTR						
1	20/1	LIGHTS LAB	0.9			A				0.3			RECPT. LAB 147 COUNTER	20/1	2
3	20/1	RECPT. LAB OFFICE 147A		0.9		B				0.3			RECPT. LAB 147 COUNTER	20/1	4
5	20/1	RECPT. LAB147B		0.72		C				0.3			RECPT. LAB 147 COUNTER	20/1	6
7	20/1	RECPT. STORAGE 147C		0.18		A				0.3			RECPT. LAB 147 COUNTER	20/1	8
9	20/1	RECPT. FREEZER 147C		0.8		B				0.3			RECPT. LAB 147 COUNTER	20/1	10
11	20/1	RECPT. FREEZER 147C		0.8		C				1.9			RECPT. CHEM. ANALYZER LAB 147	20/1	12
13	20/1	RECPT. REFRIGERATOR 147C		1.1		A				0.3			RECPT. LAB 147 COUNTER	20/1	14
15	20/1	SPARE				B				1.8			RECPT. LAB 147	20/1	16
17	20/1	SPARE				C							SPARE	20/1	18
19	20/1	SPARE				A							SPARE	20/1	20
21	20/1	SPARE				B							SPARE	20/1	22
23	20/1	SPARE				C							SPARE	20/1	24
25	20/1	SPARE				A							SPARE	20/1	26
27	20/1	SPARE				B							SPARE	20/1	28
29	20/1	SPARE				C							SPARE	20/1	30
31	20/1	SPARE				A							SPARE	20/1	32
33	20/1	SPARE				B							SPARE	20/1	34
35	20/1	SPARE				C							SPARE	20/1	36
37	20/1	SPARE				A							SPARE	20/1	38
39	20/1	SPARE				B							SPARE	20/1	40
41	20/1	SPARE				C							SPARE	20/1	42

NOTES:

Client Information

JCHC

2200 H St.
Fairbury, NE 68506

Project Information

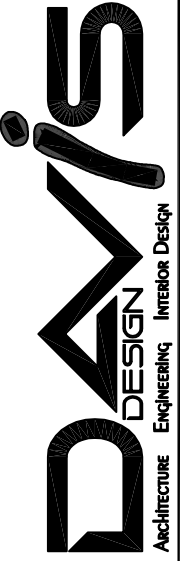
**Patient Wing
Renovation**

Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-603

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Drawing Title
Panel Schedule

From Sheet:	E-603	for CA use:
Drawing #	E-603.10	



PANEL SCHEDULE

PANEL TAG: NL3			3 PHS.		120/ 208 VOLT		225 AMP MAIN BREAKER		MOUNTING:				
NOT SERVICE RATED			4 WIRE		10,000 A.I.C.		1 NEMA ENCLOSURE TYPE		SURFACE				
CKT	O/C PROT.	DESCRIPTION	DISTRIBUTION K.W.				DISTRIBUTION K.W.				O/C PROT.	CKT	
			LTG	REC	MTR	PH	LTG	REC	MTR	PH			
1	20/1	LIGHTS SOUTH CORRIDOR 118	0.932			A		1.1			RECPT. 107	20/1	2
3	20/1	LTS N CORR. 128,145,150,154,155	1.184			B		0.36			RECPT. BED HEADWALL 107	20/1	4
5	20/1	LIGHTS 120, 121, 122, 124, 125 126	0.87			C		1.1			RECPT. 108	20/1	6
7	20/1	RECPT. 106	1.1			A		0.36			RECPT. BED HEADWALL 108	20/1	8
9	20/1	RECPT. BED HEADWALL 106		0.36		B		1.1			RECPT. 109	20/1	10
11	20/1	RECPT. 105		1.1		C		0.36			RECPT. BED HEADWALL 109	20/1	12
13	20/1	RECPT. BED HEADWALL 105		0.36		A		1.1			RECPT. 110	20/1	14
15	20/1	RECPT. 104		1.1		B		0.36			RECPT. BED HEADWALL 110	20/1	16
17	20/1	RECPT. BED HEADWALL 104		0.36		C		1.1			RECPT. 111	20/1	18
19	20/1	RECPT. 103		1.1		A		0.36			RECPT. BED HEADWALL 111	20/1	20
21	20/1	RECPT. BED HEADWALL 103		0.36		B		1.1			RECPT. 112	20/1	22
23	20/1	RECPT. 102		1.1		C		0.36			RECPT. BED HEADWALL 112	20/1	24
25	20/1	RECPT. BED HEADWALL 102		0.36		A		1.1			RECPT. 113	20/1	26
27	20/1	RECPT. 101		1.1		B		0.36			RECPT. BED HEADWALL 113	20/1	28
29	20/1	RECPT. BED HEADWALL 101		0.36		C		1.1			RECPT. 114	20/1	30
31	20/1	RECPT. CORRIDOR 128		0.56		A		0.36			RECPT. BED HEADWALL 114	20/1	32
33	20/1	RECPT. CORRIDOR 118		0.72		B		1.1			RECPT. 115	20/1	34
35	20/1	RECPT. 119, 120, 121, 122, 124		1.1		C		0.36			RECPT. BED HEADWALL 115	20/1	36
37	20/1	REFRIGERATOR 123		0.6		A		1.1			RECPT. 116	20/1	38
39	20/1	ICE MACHINE 123		1.8		B		0.36			RECPT. BED HEADWALL 116	20/1	40
41	20/1	RECPT. COUNTER 123		0.18		C		0.36			RECPT. BED HEADWALL 113	20/1	42
43	20/1	RECPT. COUNTER 123		0.8		A		0.36			RECPT. BED HEADWALL 114	20/1	44
45	20/1	MICROWAVE 123		0.8		B		0.36			RECPT. BED HEADWALL 115	20/1	46
47	20/1	RECEPT. COUNTER		0.8		C		0.36			RECPT. BED HEADWALL 116	20/1	48
49	20/1	COFFEE MAKER 123		1.8		A		0.54			RECPT. CORRIDOR 128	20/1	50
51	20/1	DATA TERMINALS 119, 120		0.36		B		0.9			RECPT. CORRIDOR 118	20/1	52
53	20/1	LANDSCAPE LIGHTING		0.2		C					CHILLED WATER PUMP CWP-1	35/3	54
55	35/3	CHILLED WATER PUMP CWP-1			5.03	A					-	-	56
57	-	-			5.03	B					-	-	58
59	-	-			5.03	C					SPARE	20/1	60
61	20/1	HWUH-1			0.2	A					SPARE	20/1	62
63	20/1	SPARE				B					SPARE	20/1	64
65	20/1	SPARE				C					SPARE	20/1	66
67	20/1	SPARE				A					SPARE	20/1	68
69	20/1	SPARE				B					SPARE	20/1	70
71	20/1	SPARE				C					SPARE	20/1	72
73	20/1	SPARE				A					SPARE	20/1	74
75	20/1	SPARE				B					SPARE	20/1	76
77	20/1	SPARE				C					SPARE	20/1	78
79	20/1	SPARE				A					SPARE	20/1	80
81	20/1	SPARE				B					SPARE	20/1	82
83	20/1	SPARE				C					SPARE	20/1	84

NOTES:

1

Client Information

JCHC

2200 H St.
Fairbury, NE 68506

Project Information

Patient Wing
Renovation

Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-603

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Drawing Title
Panel Schedule

From Sheet:
E-603

for CA use:

Drawing #
E-603.11

1

PANEL SCHEDULE													
PANEL TAG: NL4			3	PHS.	120/ 208	VOLT	90	AMP MAIN BREAKER			MOUNTING:		
NOT SERVICE RATED			4	WIRE	10,000	A.I.C.	1	NEMA ENCLOSURE TYPE			SURFACE		
CKT	O/C PROT.	DESCRIPTION	DISTRIBUTION K.W.				DISTRIBUTION K.W.				O/C PROT.	CKT	
			LTG	REC	MTR	PH	LTG	REC	MTR	DESCRIPTION			
1	20/1	NURSES PENDENTS/RMS 150 A&B	0.63			A		0.72			RECPT. STAFF 132	20/1	2
3	20/1	LIGHTS 132, 138, 140, 141, 142, 143	1.312			B		0.8			RECPT. COUNTER STAFF 132	20/1	4
5	20/1	RMS 134, 135, 137, 144, 144A, 146 LTG	1.123			C		0.18			RECPT. COUNTER STAFF 132	20/1	6
7	20/1	SPARE				A		0.18			RECPT. COUNTER STAFF 132	20/1	8
9	20/1	SPARE				B		0.7			RECPT. REFR. STAFF 132	20/1	10
11	20/1					C		0.9			RECPT. OFFICE 141	20/1	12
13	20/1	RECPT. CONTROL 153A				A		1.3			RECPT. OFFICE 142	20/1	14
15	20/1	RECPT. CONTROL 153A				B		0.9			RECPT. OFFICE 143	20/1	16
17	15/1	H1 HUMIDIFIER			1	C		0.9			RECPT. MULIT 138	20/1	18
19	-				1	A		0.9			RECPT. IT 137	20/1	20
21	-				1	B		0.54			RECPT. IT 137	20/1	22
23	20/1	RECPT. BASSINETS HEADWALL LDR 117		0.36		C		0.72			RECPT. IT 137	20/1	24
25	20/1	RECPT LDR 117		1.6		A		0.9			RECPT. SLEEP ROOM 144	20/1	26
27	20/1	RECPT. BED HEADWALL LDR 117		0.36		B		0.9			RECPT. SLEEP ROOM 144A	20/1	28
29	20/1	RECPT. NUSERY 133 CRIB		0.36		C		0.9			RECPT. OFFICE 146	20/1	30
31	20/1	RECPT. NUSERY 133 CRIB		0.36		A		0.72			RECPT. PHARMACY GENERAL	20/1	32
33	20/1	RECPT. NURSERY 133 GENERAL		0.36		B		0.54			RECPT PHARMACY OFFICE 148B	20/1	34
35	20/1	RECPT. X-RAY 153		0.18		C		0.72			RECPT. PHARMACY GENERAL	20/1	36
37	20/1	RECPT. X-RAY 153		0.36		A		0.72			RECPT. X-RAY 152C	20/1	38
39	20/1	RECPT. X-RAY READING 152D		0.36		B		0.72			RECPT. X-RAY 152C	20/1	40
41	20/1	RECPT. X-RAY GENERAL		0.54		C		0.9			RECPT. X-RAY 152B	20/1	42

NOTES:

Lincoln
1221 N Street, Suite 600
Lincoln, NE 68508
Phone 402-476-9700
Fax 402-476-9722

Vermillion
15 East Main, Suite 201
Vermillion, SD 57069
Phone 605-624-1081



Client Information

JCHC

2200 H St.
Fairbury, NE 68506

Project Information

Patient Wing
Renovation

Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-603

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Drawing Title
Panel Schedule

From Sheet:
E-603 for CA use:

Drawing #
E-603.12

1

PANEL SCHEDULE												
PANEL TAG: NL5			3 PHS.	120/ 208 VOLT	125 AMP MAIN BREAKER	MOUNTING:						
NOT SERVICE RATED			4 WIRE	10,000 A.I.C.	1 NEMA ENCLOSURE TYPE	FLUSH						
CKT	O/C PROT.	DESCRIPTION	DISTRIBUTION K.W.				DISTRIBUTION K.W.			DESCRIPTION	O/C PROT.	CKT
			LTG	REC	MTR	PH	LTG	REC	MTR			
1	20/1	LTG 173, 175, 178, 177, 179	1.236			A		1.6		RECPT. COPIER RCOM 170	20/1	2
3	20/1	LTG 170, 171, 172, 172, 176	1.1			B		1.3		RECPT. GENERAL BUSINESS OFF.	20/1	4
5	20/1	LTG 156, 157, 158, 160, 161	1.077			C		0.7		RECPT. WORK STATIONS 171	20/1	6
7	20/1	LTG 159, 162, 163	0.935			A		0.7		RECPT. WORK STATIONS 171	20/1	8
9	20/1	SPARE				B		0.7		RECPT. WORK STATIONS 173B	20/1	10
11	20/1	SPARE				C		1.3		RECPT. WORK STATIONS 171, 172	20/1	12
13	20/1	SPARE				A		0.7		RECPT. DICT 174	20/1	14
15	20/1	RECPT. MEETING 151 AV		1		B		0.9		RECPT. OFFICE 175	20/1	16
17	20/1	RECPT. MEETING 151 AV		1		C		0.9		RECPT. OFFICE 178	20/1	18
19	20/1	RECPT. MEETING 151 TV'S		1		A		0.9		RECPT. OFFICE 177	20/1	20
21	20/1	RECPT. MEETING 151 PROJECTORS		1		B		0.9		RECPT. OFFICE 157	20/1	22
23	20/1	RECPT. MEETING 151		0.72		C		0.72		RECPT CONF. 158	20/1	24
25	20/1	RECPT. MEETING 151		0.72		A		1.6		RECPT. COPIER WORK RCOM 159	20/1	26
27	20/1	RECPT. MEETING 151 COUNTER		0.18		B		0.36		RECPT. WORK STATIONS 159	20/1	28
29	20/1	RECPT. MEETING 151 COUNTER		0.18		C		1.1		RECPT. OFFICE 160	20/1	30
31	20/1	RECPT. MEETING 151 COUNTER		0.18		A		0.9		RECPT. OFFICE 161	20/1	32
33	20/1	RECPT. MEETING 151 COUNTER		0.18		B		0.9		RECPT. OFFICE 162	20/1	34
35	20/1	RECPT. MEETING 151 COUNTER		0.18		C		0.9		RECPT. OFFICE 163	20/1	36
37	20/1	RECPT. MEETING 151 COUNTER		0.18		A		0.72		RECPT. GENERAL 159	20/1	38
39	20/1	RECPT. MEETING 151 COUNTER		0.18		B		0.36		RECPT. RECEPTION	20/1	40
41	20/1	RECPT. MEETING 151 COUNTER		0.18		C		0.72		RECPT. CORRIDOR GENERAL	20/1	42

NOTES:

Lincoln
1221 N Street, Suite 600
Lincoln, NE 68508
Phone 402-476-9700
Fax 402-476-9722

Vermillion
15 East Main, Suite 201
Vermillion, SD 57069
Phone 605-624-1081



Client Information

JCHC

2200 H St.
Fairbury, NE 68506

Project Information

Patient Wing
Renovation

Issue Date	01/25/2013
Job #	11-0185
Drawn by:	DDC
CADD file:	E-603

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Drawing Title
Panel Schedule

From Sheet:
E-603




for CA use:

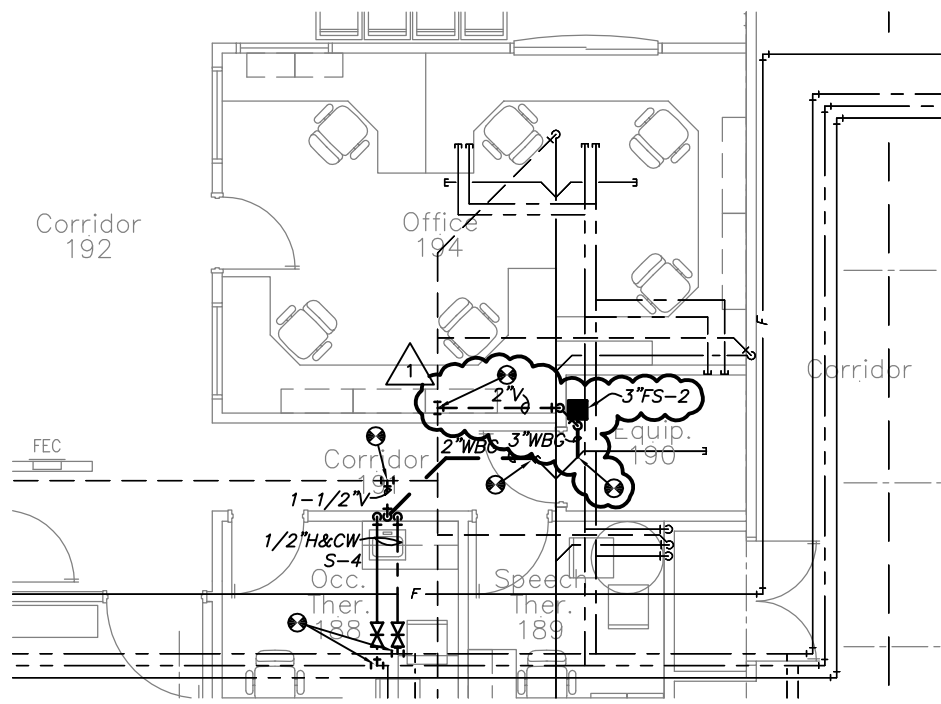
Drawing #
E-603.13

PANEL TAG: NL6		3 PHS.		120/ 208		VOLT		225		AMP MAIN BREAKER		MOUNTING:	
NOT SERVICE RATED		4 WIRE		10,000		A.I.C.		1		NEMA ENCLOSURE TYPE		SURFACE	
CKT	O/C PROT.	DESCRIPTION	DISTRIBUTION LTG	REC	MTR	PH	LTG	REC	MTR	DESCRIPTION	O/C PROT.	CKT	
1	20/1	RECPT. PENTHOUSE		0.36	8.3	A	0.18		1.7	LIGHTS/PENTHOUSE	20/1	2	
3	50/3	* DISHWASHER HEATER			8.3	B			1.7	* DISPOSAL	20/2	4	
5	-	*			8.3	C			2.5	*	-	6	
7	-	*			8.3	A			2.5	* DISPLAY COOLER	30/2	8	
9	20/2	* A/C CAFE STORAGE			1.7	B			1.8	*	-	10	
11	-	*			1.8	C			1.4	* CASH REGISTER	20/1	12	
13	20/1	* COLD TABLE			1.8	A			1.4	* ICE MACHINE	20/2	14	
15	20/2	* CAPPUCCINO MACHINE			1.7	B			1.4	*	-	16	
17	-	*			1.7	C			1.8	* POP MACHINE	20/1	18	
19	20/1	* POP MACHINE			1.8	A			1.8	* SERVING COUNTER	20/1	20	
21	20/3	* STEAM TABLE			1.9	B			1.8	* STEAM TABLE	20/1	22	
23	-	*			1.9	C			2.9	* DISHWASHER	30/3	24	
25	-	*			1.9	A			2.9	*	-	26	
27	20/1	* LIGHTS DISHWASHER AREA			1.8	B			2.9	*	-	28	
29	20/1	* LIGHTS CAFE			1.8	C			1.8	* RECPT. MICROWAVE/TOASTER	20/1	30	
31	20/1	* ICE MACHINE			1.8	A			1.8	* RECPT ICE CREAM COUNTER	20/1	32	
33	20/1	* FOUNTAIN POP MACHINE			1.8	B			1.8	* SERVICE COUNTER AND DISPOSAL	20/1	34	
35	20/1	* RCPT. REFRIGERATOR & COUNTER			1.8	C			1.4	* RANGE HOOD KITCHEN OFFICE	20/2	36	
37	30/2	* COFFEE MACHINE			2.5	A			1.4	*	-	38	
39	-	*			.2.5	B				SPARE	20/1	40	
41	20/1	SPARE				C				SPARE	20/1	42	
43	20/3	* EXISTING CIRCUIT			1.9	A				SPARE	20/1	44	
45	-	*			1.9	B				SPARE	20/1	46	
47	-	*			1.9	C				SPARE	20/1	48	
49	20/1	SPARE				A				SPARE	20/1	50	
51	20/1	SPARE				B				SPARE	20/1	52	
53	20/1	SPARE				C				SPARE	20/1	54	
55	20/1	SPARE				A				SPARE	20/1	56	
57	20/1	SPARE				B				SPARE	20/1	58	
59	20/1	SPARE				C				SPARE	20/1	60	
61	20/1	SPARE				A				SPARE	20/1	62	
63	20/1	SPARE				B				SPARE	20/1	64	
65	20/1	SPARE				C				SPARE	20/1	66	
67	20/1	SPARE				A				SPARE	20/1	68	
69	20/1	SPARE				B				SPARE	20/1	70	
71	20/1	SPARE				C				SPARE	20/1	72	
73	20/1	SPARE				A				SPARE	20/1	74	
75	20/1	SPARE				B				SPARE	20/1	76	
77	20/1	SPARE				C				SPARE	20/1	78	
79	20/1	SPARE				A				SPARE	20/1	80	
81	20/1	SPARE				B				SPARE	20/1	82	
83	20/1	SPARE				C				SPARE	20/1	84	

NOTES:



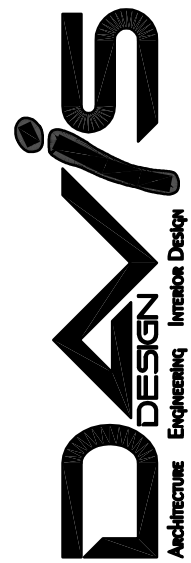
 1221 N Street, Suite 600 Lincoln NE 68508 Phone 402-476-9700 Fax 402-476-9722		 15 East Main, Suite 201 Vermillion SD 57069 Phone 605-624-1081	
 ARCHITECTURE ENGINEERING INTERIOR DESIGN			
Client Information JCHC 2200 H St. Fairbury, NE 68506			
Project Information Patient Wing Renovation			
Issue Date	01/25/2013		
Job #	11-0185		
Drawn by:	DDC		
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From Sheet:	E-603	for CA use:	
Drawing #	E-603.14		



1 Floor Plan - Plumbing - Area C
Scale: 1/8" = 1'-0"

Lincoln
1221 N Street, Suite 600
Lincoln NE 68508
Phone 402-476-9700
Fax 402-476-9722

Vermillion
15 East Main, Suite 201
Vermillion SD 57069
Phone 605-624-1081



Client Information

JCHC

2200 H St.
Fairbury, NE 68506

Project Information

**Patient Wing
Renovation**

Issue Date	01-25-2013
Job #	11-0185
Drawn by:	MA
CADD file:	P-105.1

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Drawing Title

Floor Plan - Plumbing - Area C
- AD-1

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P-105.1