

ADDENDUM NO. 1

PROJECT NAME: Life Sciences Annex – North and East Wing Renovations
UNL PROJECT NUMBER: A090P025 & A090P026

CONSULTANT: The Clark Enersen Partners
1010 Lincoln Mall, Suite 200
Lincoln, NE 68508

DATE OF ISSUANCE: February 6, 2012
DATE OF BID OPENING: Tuesday February 14, 2012 @ 2:00 p.m. CDT

The bid documents dated January 10, 2012, for the above referenced project are amended by this addendum.

NOTICE: This Addendum is issued to all interested prospective bidders as an amendment to the project manual or other parts of the bidding (contract) documents for the above named project. Reference to this Addendum must be included in the Bid proposal. The information contained herein shall be fully incorporated into the contract documents as though originally included therein.

MODIFICATIONS TO THE SPECIFICATIONS:

Item # 1 Refer to the Specifications, Section 00 00 03 – Table of Contents:

Delete Section 05 52 13 – “Pipe and Tube Railings” from the Table of Contents.

Item # 2 Refer to the Specifications, Section 00 41 13 – Bid Proposal Form:

Delete current section 00 41 13 and replace with attached revised section 00 41 13.

Item # 3 Refer to the Specifications, Section 01 22 00 – Unit Prices:

Delete current section 01 22 00 and replace with attached revised section 01 22 00.

Item #4 Refer to the Specifications, Section 03 30 00 – Cast-in-Place Concrete

- a. Refer to Subparagraph 2.5.G Chemical Hardener. Note that subject to compliance with all specified requirements, the following are acceptable: SpecChem “Spec-o-Lith”.
- b. Refer to Subparagraph 2.5.H.1 Chemical Hardener / Sealer. Note that subject to compliance with all specified requirements, the following are acceptable: Euclid “Euco Diamond Hard”.
- c. Refer to Subparagraph 2.5.I.1 Underlayment Compound. Note that subject to compliance with all specified requirements, the following are acceptable: Sika “Level-125”.

Item #5 Refer to the Specifications, Section 04 20 00 – Unit Masonry

- a. Refer to Subparagraph 2.7.C Rubber Membrane Flashing. Note that subject to compliance with all specified requirements, the following are acceptable: Polyguard 400 Thru Wall Flashing.

- b. Refer to Subparagraph 2.8 Cavity Insulation. Note that subject to compliance with all specified requirements, the following are acceptable: Hunter Panels Xci.
- c. Refer Subparagraph 2.11 Masonry Cleaners. Note that subject to compliance with all specified requirements, the following are acceptable: Diederich 202 New Masonry Detergent.

Item #6 Refer to the Specifications, Section 05 40 00 – Cold Formed Metal Framing

- a. Refer to Subparagraph 2.1 MANUFACTURERS. Note that subject to compliance with all specified requirements and equivalent features and performance as specified manufacturer, the following are approved manufacturers of Cold Formed Metal Framing: MRI Steel Framing, Gary, IN (630) 616-1850.
- b. Refer to Subparagraph 2.1 MANUFACTURERS. Note that subject to compliance with all specified requirements and equivalent features and performance as specified manufacturer, the following are approved manufacturers of Cold Formed Metal Framing: Custom Stud Inc. Lakeville, MN (952) 985-7000.

Item #7 Refer to the Specifications, Section 07 81 00 – Firestopping

Refer to Subparagraph 2.2.A MANUFACTURERS. Note that subject to compliance with all specified requirements and equivalent features and performance as specified manufacturer, the following are approved manufacturers of Firestopping Materials: Specified Technologies.

Item #8 Refer to the Specifications, Section 07 92 00 – Joint Sealants

Refer to Subparagraph 2.1.3 MANUFACTURERS. Note that subject to compliance with all specified requirements and equivalent features and performance as specified manufacturer, the following are approved manufacturers of Joint Sealants: Sika Corporation.

Item #9 Refer to the Specifications, Section 09 66 23 – Resinous Flooring

Refer to Subparagraph 2.1 MANUFACTURERS. Note that subject to compliance with all specified requirements and equivalent features and performance as specified manufacturer, the following are approved manufacturers of Resinous Flooring: Tenant Company (913) 209-9547.

Item #10 Refer to the Specifications, Section 10 26 00 – Wall and Door Protection

Refer to Subparagraph 2.1 MANUFACTURERS. Note that subject to compliance with all specified requirements and equivalent features and performance as specified manufacturer, the following are approved manufacturers of wall protection: Alpar Architectural Products.

Item #11 Refer to the Specifications, Section 11 53 19 – Laboratory Equipment

Refer to Subparagraph 2.1.1.1 Sterilizers (Manufacturer's). Note that subject to compliance with all specified requirements and equivalent features and performance as specified manufacturer, the following are approved manufacturers of steam sterilizers: Consolidated Sterilizer Systems. (402) 730-0348.

Item #12 Refer to the Specifications, Sect. 12 35 53 – Stainless Steel Laboratory Casework

Refer to Subparagraph 2.1 MANUFACTURERS. Note that subject to compliance with all specified requirements and equivalent features and performance as specified manufacturer, the following are approved manufacturers of stainless steel laboratory casework:
Jamestown Metal Products.

Item #13 Refer to the Specifications, Section 22 40 00 – Plumbing Fixtures

Note that Moen is an approved manufacturer for faucets (subject to strict compliance with all specified requirements).

Item #14 Refer to the Specifications, Section 23 33 00 – Ductwork Accessories

Note that Louvers and Dampers, Inc. is an approved manufacturer for dampers (subject to strict compliance with all specified requirements).

Item #15 Refer to the Specifications, Section 23 34 13 – Laboratory Exhaust Fans

Note that Twin City Fan is an approved manufacturer for laboratory exhaust fans (subject to strict compliance with all specified requirements).

Item #16 Refer to the Specifications, Section 23 34 23 – Power Ventilators

Note that JenCo, Soler & Palau, and Twin City Fan are approved manufacturers for power ventilators (subject to strict compliance with all specified requirements).

Item #17 Refer to the Specifications, Section 23 36 00 – Air Terminal Units

Note that Nailor Industries is an approved manufacturer for air terminal units (subject to strict compliance with all specified requirements).

Item #18 Refer to the Specifications, Section 23 37 00 – Air Outlets and Inlets

- a. Note that Nailor Industries is an approved manufacturers for diffusers, registers, and grilles (subject to strict compliance with all specified requirements).
- b. Note that Louvers and Dampers Inc. is an approved manufacturer for louvers (subject to strict compliance with all specified requirements).
- c. Note that Price model FRFDP critical environment diffusers are an approved equivalent (subject to strict compliance with all specified requirements) for D-2 in the DIFFUSER, REGISTER AND GRILLE SCHEDULE on Sheet M5.01.

Item #19 Refer to the Specifications, Section 23 73 13 – Packaged Air Handling Unit

Note that the following manufacturers are approved packaged air handling unit manufacturers (subject to strict compliance with all specified requirements):

1. TMI Custom Air Systems
2. Temtrol
3. Governair

4. Huntair
5. McQuay
6. Engineered Air

Item #20 Refer to the Specifications, Section 23 82 39 – Terminal Heat Transfer Units

Note that McQuay and Sigma are approved manufacturers for terminal heat transfer units (subject to strict compliance with all specified requirements).

MODIFICATIONS TO THE DRAWINGS

Item #21 Refer to Sheets A0.11, A0.12, A0.13, A0.21 – Demolition General Notes

Add note – “18. REMOVE ALL SURFACE MOUNTED OBJECTS IN AREA OF WORK THAT ARE ABANDONED AND NOT INTENDED FOR REUSE. PREPARE SURFACE FOR NEW FINISH.”

Item #22 Refer to Sheet A0.11 – First Floor Demolition Plan Area ‘A’

Sheet A0.11 has been updated. See attached reissued sheet with changes indicated.

Item #23 Refer to Sheet A2.11 – Exterior Elevations

Sheet A2.11 has been updated. See attached reissued sheet with changes indicated.

Item #24 Refer to Sheet A4.11 – Wall Sections and Details

Revise note on detail 9 to read: 2” RIGID INSULATION MECHANICALLY ATTACHED TO INSIDE FACE OF MASONRY. WRAP INSULATION W/ 1 LAYER OF 5/8” GPDW, TYP.

Item #25 Refer to Sheet A6.10 – Door Types, Window Types, & Schedules

Sheet A6.10 has been updated. See attached reissued sheet with changes indicated.

Item #26 Refer to Sheet A6.11 – Room Finish Schedule

Sheet A6.11 has been updated. See attached reissued sheet with changes indicated.

Item #27 Refer to Sheet M1.01 – First Floor HVAC Plan Area “A”

Supply diffuser in Jan. A28 should be labeled D-3 which is a square ceiling diffuser – Arch. Type, with .15 Max P.D.(In. WG), Titus Model OMNI-AA or Equivalent. The diffuser has a 12” X 12” face size, all aluminum construction, white border and needs to be provided with appropriate border for construction.

Item #28 Refer to Sheet M1.02 – First Floor HVAC Plan Area “B”

The thermostat in Corridor A15B labeled VBR-A15C should be relabeled VBR-A15B.

Item #29 Refer to Sheet M1.04 – Penthouse HVAC Plan Area “A” and “B”

VB-A202 serving the first floor should be labeled VB-A25C and supply 515 CFM. Refer to VAV schedule for more information.

Item #30 Refer to Sheet M5.02 – Fan Coil Unit Schedule

Note that Johnson Controls, Inc. is an approved manufacturer for fan coil units (subject to strict compliance with all specified requirements).

Item #31 Refer to Sheet M5.02 – Humidifier Schedule

- a. Note that Nortec is an approved manufacturer for humidifiers (subject to strict compliance with all specified requirements).
- b. Add Remark 8 to schedule which states “CONTRACTOR SHALL FIELD FABRICATE HUMIDIFIER STANDS FOR H-2 AND H-3 TO ELEVATE HUMIDIFIER TO MAINTAIN A 12” DROP BETWEEN HUMIDIFIER AND ASSOCIATED STEAM TRAP AS RECOMMENDED BY MANUFACTURER’S REQUIRED ELEVATION TO MAINTAIN SLOPE TO ELEVATED RECEIVER ON ASSOCIATED CONDENSATE RETURN PUMP.”

Item #32 Refer to Sheet M5.03 – Split System Air Conditioner Schedule

Note that LG, Daikin, and Lennox are approved manufacturers for the split system air conditioner (subject to strict compliance with all specified requirements).

Item #33 Refer to Sheet M5.03 – Pump Schedule

Note that Xylem is an approved manufacturer for the condensate return pumps (subject to strict compliance with all specified requirements).

Item #34 Refer to Supplemental Drawings Sheets SDPM-001, SDPM-002, SDPM-003, and SDPM-004

See attached supplemental drawings for mechanical work related to electrical generator removal.

Item #35 Refer to Sheets P0.01, P0.02, and P0.03 – Below Floor Plumbing Demolition Plans

Note that abandoning existing underground piping is not an acceptable alternative to removing piping as indicated in the General Notes on these sheets.

Item #36 Refer to Sheets P0.04, P0.05, and P0.06 – First Floor Plumbing Demolition Plans

Reference sheets A0.11, A0.12, and A0.13 for locations of plumbing fixtures (i.e. toilets, sinks, etc.) to be removed.

Item #37 Refer to Sheet P4.01 – Plumbing Equipment Schedule

Note that Leonard and Lawler are approved manufacturers for the thermostatic mixing valve (subject to strict compliance with all specified requirements).

**Item #38 Refer to Sheet E4.01 – Electrical Shedules and Refer to Specification Section
 265100 – Lighting Fixtures**

The following lighting fixtures have been reviewed and are included in the Contract Documents for bidding purposes. All fixtures, lamps, and ballasts are required to meet the specification requirements regardless of prior approval. Prior approval does not waive any requirements indicated on the drawings or the specifications. Some fluorescent fixtures require dimming or multiple levels of switching. The required number and types of ballasts shall be provided to meet the switching requirements shown on the drawings.

<u>Type</u>	<u>Manufacturer and Catalog Number</u>
A	Cooper: CF(F/G)-12-332-UNV-IK12-EB82-SSN
A	CD Lighting: C(F/G)A14- 3- 32- 277- EBHR- 12DR- SFN- WH
A	Kurtzon: KL- F/G-14-2-3T8-277-2/EB-EBPRS-H1A-SW
B	Cooper: CF(F/G)-12-232-UNV-IK12-EB82-SSN
B	CD Lighting: C(F/G)A14- 2- 32- 277- EBHR- 12DR- SFN- WH
B	Kurtzon: KL- F/G-14-2-2T8-277-2/EB-EBPRS-H1A-SW
C	Lithonia: AF10- 2- 32- 277- GEB10RS- WG
C	Cooper: DMF-232-UNV-EB81-U WG/DIF-4FT-B
C	Columbia: KL4-232-U-EU-KLWG4-(2)S18
D	Lithonia: 2AV- G- 2- 32- MDR- MVOLT- GEB10RS
D	Columbia: STE24-232G-MPO-EU
D	Cooper: 2RDI-232RP-UNV-EB81-PAF-U
EXIT WET	Lithonia: LV- S- W- 1- R- 120/277- EL- N- 4X
EXIT WET	Dual-Lite: LN4XRWE
EXIT WET	Cooper: UX70RWHSD
EXIT	Lithonia: LQM- S- W- 3- R- 1202/77- EL- N
EXIT	Dual-Lite: LXURWE
EXIT	Cooper: LPX7
F	Lithonia: LI6F- 18DTT/TRT- 277- 6LD3- PF
F	Prescolite: IBX18ICAT-TL60
F	Cooper: H271ICAT- 271PS
G	Lithonia: ASW1- LED- 1- 63B350/30K- SR3- 277- DDBXD
H	Lithonia: AS1- LED- 63B530/40K- SR3- RPA- CC
H (Pole)	Lithonia: RSA- 20- 5G- DM19- CC
K	Elite: HV6- LED- 21W- 120- DIM- XX- 35K- LED- 6101- CL- SCH
K	Cooper: LD610D010-ERW6835-6LW1H
K	Juno: SD6-11-35-SAQF-WL
M	Nulite: DM-232T8-277-ISN-WL-AL
M	Kurtzon: WL-D-40-4-2T8-UNV-EBPRS-PMB
M	Kenall: N1048-C-232-RS-DV-N-1475
O	Cooper: MP-WP-GL-150-277V-LL (dark bronze color)
O	HE Williams: WP1-PSMH-150/MED-277-DARK BRONZE
O	Hubbell: PGM3-150P-18-BZ-L

*** Note: All exterior light fixtures (type G & O) do NOT need a photocell option since they are routed through and will be controlled by the lighting control panels.

Item #39 Refer to Sheet E4.01 – Electrical Schedules

Refer to Lighting Fixture Schedule: Change light fixtures type 'G' and 'O' to "dark bronze" in color.

Item #40 Refer to Sheet E5.02 – Electrical Details

The following items pertaining to the lighting control system have been reviewed and are included in the Contract Documents for bidding purposes and are required to meet the specification requirements regardless of prior approval. Prior approval does not waive any requirements indicated on the drawings or the specifications.

- a. Refer to Lighting Control Panel Schematic Wiring Diagram: The following items are approved equivalents. All auxiliary devices (relays, power supplies, user interfaces, etc.) that are associated with the relay panel series labeled below must be provided.
 - Lighting Relay Panel: Cooper Greengate, Catalog: CKT32 & CKT48
 - Lighting Relay Panel: Hubbell Building Automation: LXIN4800 & LXIN3200 series
 - Lighting Relay Panel: Lighting Controls & Design: GR2448 ENC & GR2432 ENC and associated Blue Box.
 - Lighting Timer Switch: Cooper Greengate, Catalog: TSW-MV (Ivory color)
 - Lighting Timer Switch: Hubbell: TD200-(Ivory color)
 - Lighting Momentary Contact Switch: Hubbell: LXSW-1-LP-I
- b. Refer to Standby/Emergency Generator Pad/Foundation Detail Notes: Disregard note #2. The generator pad is to be bid as a part of this project. There is no alternate. Change note #2 to say: For bidding purposes, grade beams shall be located at perimeter of generator pad and at 6'-0" on center each way between. Final foundation design shall be completed after receiving weight and size location of selected generator

Item #41 Refer to Sheet PM0.00 – Mechanical and Plumbing Abbreviations, Symbols, and Notes

- a. Note that the "High Pressure Steam (HPS)" pressure is 60 PSIG.
- b. Note that the "Low Pressure Steam (LPS)" pressure is 15 PSIG.

Item #42 Refer to Sheet M5.02, LAB EXHAUST FAN SCHEDULE

- a. EF-5/6 Fan BHP / RPM: revise to 21.1 / 974 and Motor HP/RPM revise to 25 / 870
- b. EF-7/8 Fan BHP / RPM: revise to 10.71 / 1773 and Motor HP / RPM revise to 15 / 1800

Item #43 Refer to Sheet M5.03 PUMP SCHEDULE

Schedule CRP-4 and CRP-6 shall be adjusted as follows: WATER FLOW (GPM) will be 6 GPM and MANUFACTURER & MODEL NO. OR EQUIVALENT will be SHIPCO 62.5 PES1

Item #44 Refer to Sheet S2.11, Existing Roof / New Penthouse Floor Framing Plan – Areas 'A', 'B' & C

Add lintel type "L5" to opening B02.1 on grid line 1.1 immediately west of grid line FF.

GENERAL

Item # 45 Bidder's Questions

- a. Sheets M11.04 & S4.12 Details 7&8:
 1. Request: The detail shows 48" long steel plates for support at the flexicore where the Penthouse penetrations are located. We recommend where the penetrations are close together to install a continuous steel angle & plate. The steel plates are also not necessary where new beams are being installed under the penthouse walls (See Sheet M1.05, Grid Line 1-North Side). Please clarify.
 2. Response: It is intended that an entire flexicore panel be removed in areas of multiple mechanical penetrations (see Roof Slab Demolition Plans on Sheet A0.21) and then the area between penetrations be infilled as shown in detail 10 on S4.12. Details 7&8 on Sheet S4.12 are for typical singular mechanical penetrations. Regarding Sheet M1.05, Grid Line 1 – North side, it is acceptable to eliminate the steel plate on the north side of the mechanical openings.
- b. Sheet P0.04
 1. Request: Is it necessary to add demolition of sinks & toilets on the sheet as well?
 2. Response: Reference all demolition plans in drawing set for extent of demolition. See item #36.
- c. Sheet P0.04
 1. Request: Is it possible to abandon piping underground? Is the elevation of the existing piping verified?
 2. Response: All piping is to be removed and not abandoned in place. Existing piping has not been exposed so elevations have not been confirmed. See item #35.
- d. Sheet S2.11
 1. Request: There are some W18x60 beams which span approximately 21'. This detail will not work due to the length of beam and may need a splice in the beam.
 2. Response: Splice details will be provided as required.
- e. Sheet S4.13
 1. Request: This sheet shows bolts and base plates being bolted through the flexicore. The demolition plan for this area is not shown or indicated on how access will be to this location. Gridlines E through F.4 are not shown on the

demolition sheet. How is the baseplate to be attached at these locations? Will ceiling need to be removed and patched back?

2. Response: Baseplates shall be attached as shown on structural drawings. Reference Sheet A1.21 for additional demolition and finish notes in this area.

f. Sheets A0.12 & Sheets S2.11

1. Request: Will temporary shoring be required at flexicore along grid lines L&N in Area B? This appears to be a load bearing wall which we are removing on Sheet A0.12 and placing a new beam at this location (North/South).
2. Response: Yes, temporary shoring will be required.

g. Sheet S4.11 Detail 19

1. Request: Detail 19 indicates waterproofing under the 4" slab. There are no other details or cuts that show the waterproofing membrane. Please verify if you would like waterproofing under all of the penthouse slabs.
2. Response: Waterproofing membrane is not required below the penthouse topping slab. The Penthouse floor coating will serve as a moisture barrier in these locations.

h. Sheet A4.11 Detail 9

1. Request: On the backside of the New Fluted CMU there is a detail of 2" Rigid Insulation Mechanically fastened to the CMU. On sheet A3.11 Detail 2 shows typical to wrap all existing insulation at perimeter walls in 5/8" gyp. board. Will detail 9 on Sheet A4.11 require gyp board on the back side?
2. Response: Yes, gyp board will be required to wrap the rigid insulation at the vestibule.

i. Snap lock duct

1. Request: Is snap lock duct acceptable?
2. Response: Snap-lock pipe must be a minimum of 26ga metal or per the appropriate SMACNA table, whichever is most stringent. Spiral pipe without ductmate flanges is acceptable on low pressure ductwork as long as the joints are sealed with mastic (no duct-tape). Spiral seams do not need to be mastic sealed. Adjustable elbows are not acceptable. Snap-lock duct is acceptable if seams and joints are sealed with mastic (no duct-tape) for 1" or less static pressure supply side ductwork downstream of air terminal units only. Adjustable elbows are not acceptable. Duct and fittings must be 26ga or heavier per SMACNA. Snap-lock duct is not acceptable on exhaust side ductwork.

- j. Fire Protection System – Fire Sprinkler Riser Location
 - 1. Request: Where is the existing fire sprinkler riser located?
 - 2. Response: Reference sheet PM1.04. The fire sprinkler riser is located in the southwest corner of Mechanical Room D25.
- k. Fire Protection System – Underground Fire Service Size
 - 1. Request: What size of underground fire service has been brought into the building?
 - 2. Response: A 6” underground fire service has been brought into the building.
- l. Fire Protection System – Above Ground Supply Main Size
 - 1. Request: What size of above ground sprinkler supply main is supplying the West Wing? Where does the West Wing fire sprinkler main terminate?
 - 2. Response: A 3” fire sprinkler main supplies the west wing. A separate 4” fire sprinkler main has been routed from the fire sprinkler riser, through the ceiling space in the west wing and is capped at floor level in the West Wing Penthouse as shown on FP1.02.
- m. Fire Protection System – Water Flow Test Info
 - 1. Request: Was a water flow test conducted for this project? If so, what were the results?
 - 2. Response: The following is information related to a recent water flow test conducted at the intersection of Hitchcock Street and N33rd Street:
 - a. Static: 70 PSI
 - b. Residual: 68 PSI
 - c. Flow: 2880 GPM
 - d. Date: 3/2/2010
 - e. Elevation: 100
- n. Generator Footings
 - 1. Request: Note 13 states, “See the Standby/Emergency Generator Pad/Footing Detail for additional information.” Where is the footing information located for the generator?
 - 2. Response: The generator footing/pad information is shown on sheet E5.02. Also, note the changes within this addendum to the Standby/Emergency Generator Pad/Footing Detail notes.

- o. Utilities
 - 1. Request: Are we able to use the power and water without metering for construction activities? Is there natural gas available in the building?
 - 2. Response: Power and water will not be metered separately for construction.
- p. Existing Concrete Slabs
 - 1. Request: Are we to assume 4" concrete at the interior slabs that are being removed?
 - 2. Response: Existing slabs in the west wing were found to be about 5 inches with heavy wire mesh reinforcing.
- q. Bid Form
 - 1. Request: Can items A,B and C be broken out and communicated to you either by 4:00 PM on bid day or sometime the next day?
 - 2. Response: The bid form should be filled out completely at bid time. The focus should be on the total lump sum base bid as award will be based on that number. The breakout sums for A, B, and C will be confirmed after award.
- r. Building Occupation
 - 1. Request: What part of the building will remain occupied? How will the building be turned over?
 - 2. Response: The entirety of the main north and east wing areas will be turned over to the General Contractor. Shared access will occur in the east-west corridor that separates the north and south wings. The owner will continue to occupy the west and south wings completely.
- s. Hazardous Materials
 - 1. Request: Has testing been performed? Have hazardous materials been found?
 - 2. Response: Testing has been performed in accessible areas and there have not been any hazardous materials identified for abatement. If questionable materials are encountered during construction, the Owner will provide testing and abatement as required.
- t. Two project numbers
 - 1. Request: Will separate pay applications and change management documents be required?

2. Response: One pay application will suffice; the schedule of values will be split out per the different categories on the bid form. Different change management documents will be required—CPRs, CCDs, and Change Orders will be issued for both the north and east wing areas. These may be designated as ##N and ##E documents.
- u. Geotech Report
1. Request: Will removal of fill be required at new footings?
 2. Response: Work will conform to recommendations of the geotechnical report and current input from the third party observation and testing provider contracted by the Owner during construction.

ATTACHMENTS

- a. 00 41 13 Bid Form
- b. 01 22 00 Unit Prices
- c. SDPM-001 thru SDPM-004
- d. A0.11, A1.21, A2.11, A6.10, A6.11

END OF ADDENDUM NO. 1

B I D P R O P O S A L

TO: THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA
c/o University of Nebraska-Lincoln
Business Services
Procurement Services Dept.
1700 Y Street
Lincoln, NE 68588-0645

BID PROPOSAL FOR: Prime General Construction

PROJECT: A090P025 & A090P026, Life Sciences Annex – North and East Wing Renovation

INVITATION NO.: 909263-12

COMPLETE THE FOLLOWING INFORMATION – BIDDERS NAME AND TYPE OF BUSINESS:

This Bid is offered by _____, hereinafter referred to as the Bidder,

- a corporation organized and existing under the laws of the State of _____
a partnership doing business as _____
an individual doing business as _____

In response to the Bidding Requirements for the construction of the project identified above by name, quotation number, and project number, the Bidder hereby makes the following representations:

Bidder has received the drawings and specifications for the project prepared by The Clark Enersen Partners.

Bidder has examined the Bidding Documents, visited the site, and otherwise familiarized itself with the local conditions affecting the construction of the project.

COMPLETE THE FOLLOWING INFORMATION – BASE BID:

Bidder agrees to furnish all labor, materials, tools, equipment, services, transportation, and supervision required to complete the work indicated in the Bidding Documents within the time set forth herein for the lump sum Base Bid amount of

_____dollars(\$_____).

The base bid above shall be the sum of the following cost items:

A) Furnish all labor, materials, tools, equipment, services, transportation, and supervision required to complete the work indicated for the north wing renovation (areas A & B), north wing penthouse (areas A & B) and connection to the west wing penthouse as indicated on sheet G1.10.

_____dollars(\$_____).

B) Furnish all labor, materials, tools, equipment, services, transportation, and supervision required to complete the work indicated for the east wing renovation (area C) and east wing penthouse (area C) as indicated on sheet G1.10.

_____dollars(\$_____).

C) Furnish all labor, materials, tools, equipment, services, transportation, and supervision required to complete the work indicated for the site including parking, paving and sidewalks as shown on sheets L1.2, L2.1 and L3.1.

_____dollars(\$_____).

SECTION 00 41 13 - BID PROPOSAL FORM

COMPLETE THE FOLLOWING INFORMATION – UNIT PRICE PROPOSALS:

The Contract Sum may be increased or decreased by Change Order through the application of the appropriate unit price to the quantities of work added to or deducted from the original scope of work. The unit prices given below are to be utilized in accordance with the provisions of Section 01 22 00 – Unit Prices to compute the adjustments to the Contract Sum resulting from changes in the quantity of any work for which a unit price proposal is provided.

UNIT PRICE NO. 1: Contractor shall provide unit price to add/subtract an emergency lighting fixture furnished and installed complete with 100 feet of furnished and installed raceway and power cable.

\$ _____ add \$ _____ subtract

UNIT PRICE NO. 2: Contractor shall provide unit price to add/subtract a lighted exit sign furnished and installed complete with 100 feet of furnished and installed raceway and power cable.

\$ _____ add \$ _____ subtract

UNIT PRICE NO. 3: Contractor shall provide unit price to remove and replace a CY of unsuitable soil.

\$ _____ add

PROVIDE THE FOLLOWING INFORMATION – BID SECURITY:

Included with this Proposal is Bid Security of the type and in the amount required by the Bidding Instructions.

COMPLETE THE FOLLOWING INFORMATION – NUMBER OF ADDENDA RECEIVED:

Bidder has received Addenda Nos. _____, and has included their provisions in this Bid.

COMPLETE THE FOLLOWING INFORMATION – #4 CALENDAR DAYS TO COMPLETE THE WORK:

In submitting this Bid, Bidder agrees to the following:

1. To hold this Bid open for 90 days following the bid date.
2. To enter into and execute the "University of Nebraska Standard Form Construction Agreement" based upon this Bid, if accepted by Owner.
3. To perform all work required by the Contract Documents.
4. To substantially complete the work not later than _____ calendar days from the start of construction given in the Notice to Proceed. (Bidder to enter number of days.) Time is of the essence and may be a factor in the award of this Contract.
5. That this Bid has been arrived at without collusion with other Bidders and without any effort or activity which might prevent the University of Nebraska from receiving the lowest possible competitive Bid.
6. To comply with Nebraska Fair Employment Practice Act, understanding that a breach of this provision will be regarded as a material breach of contract.

COMPLETE THE FOLLOWING INFORMATION – SIGNATURE AND CONTACT INFORMATION:

Address:

Signature:

Printed Name: _____

Tele. No.:

Title:

Fax. No.:

Dated this _____ day of _____, 20

Email Address:

SECTION 01 22 00 UNIT PRICES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General Conditions and other Division 1 Specifications Sections, apply to this Section.

1.2 SUMMARY

- A. This Section specifies administrative and procedural requirements for unit prices.
 - 1. A unit price is an amount proposed by Bidders and stated on the Bid Form as a price per unit of measurement for materials or services that will be added to or deducted from the Contract Sum by Change Order in the event the estimated quantities of Work required by the Contract Documents are increased or decreased.
 - 2. Unit prices include all necessary material, labor, overhead, profit and applicable taxes.
 - 3. Refer to individual Specification Sections for construction activities requiring the establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections.
- B. Schedule: A "Unit Price Schedule" is included at the end of this Section. Specification Sections referenced in the Schedule contain requirements for materials and methods described under each unit price.
 - 1. The Owner reserves the right to reject the Contractor's measurement of work-in-place that involves use of established unit prices, and to have this Work measured by an independent surveyor acceptable to the Contractor at the Owner's expense.

PART 2 - PRODUCTS (Not applicable)

PART 3 - EXECUTION

3.1 UNIT PRICE SCHEDULE

UNIT PRICE NO. 1: Contractor shall provide unit price to add/subtract an emergency lighting fixture furnished and installed complete with 100 feet of furnished and installed raceway and power cable.

UNIT PRICE NO. 2: Contractor shall provide unit price to add/subtract a lighted exit sign furnished and installed complete with 100 feet of furnished and installed raceway and power cable.

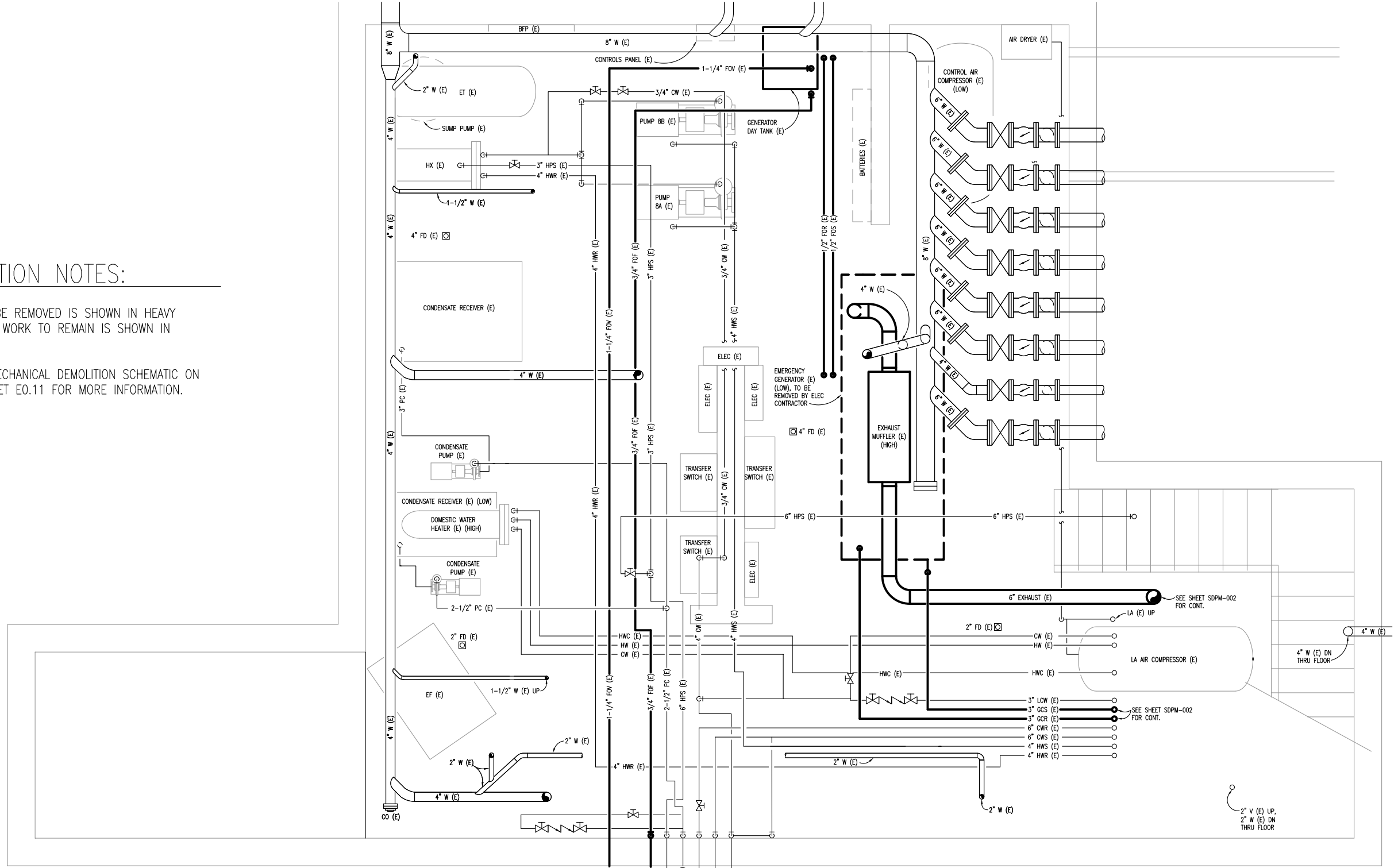
UNIT PRICE NO. 3: Contractor shall provide unit price to remove and replace a CY of unsuitable soil.

END OF SECTION

MECHANICAL DEMOLITION NOTES:

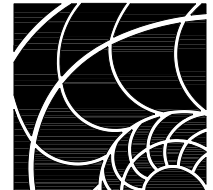
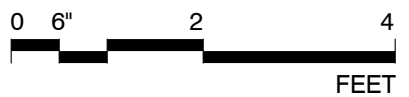
GENERAL: ALL MECHANICAL WORK TO BE REMOVED IS SHOWN IN HEAVY LINEWEIGHT. ALL EXISTING MECHANICAL WORK TO REMAIN IS SHOWN IN LIGHT LINEWEIGHT.

SEE EMERGENCY GENERATOR SYSTEM MECHANICAL DEMOLITION SCHEMATIC ON SHEET SDPM-004 AND ELECTRICAL SHEET E0.11 FOR MORE INFORMATION.



BASEMENT MECHANICAL ROOM DEMOLITION PLAN

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

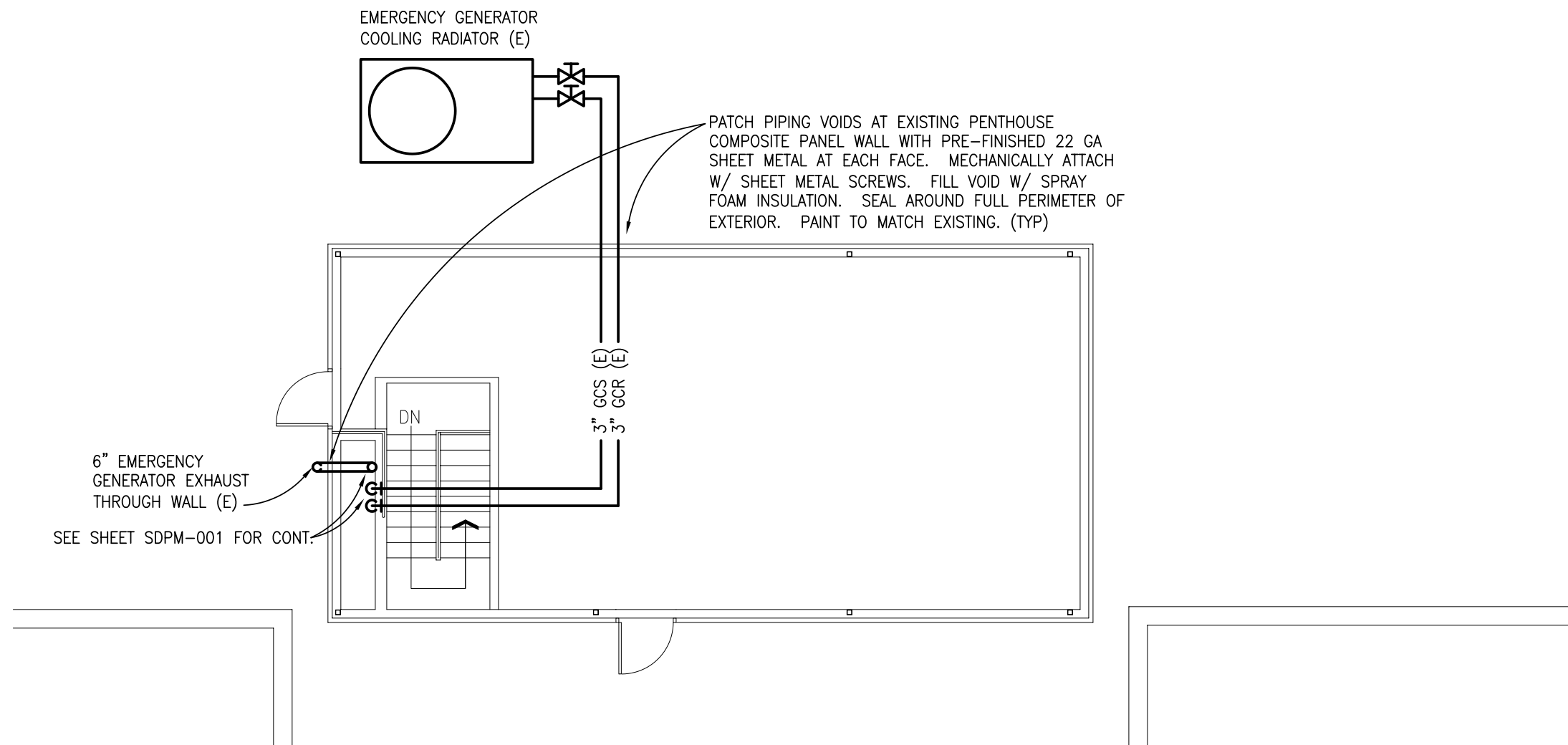


The Clark Enersen Partners

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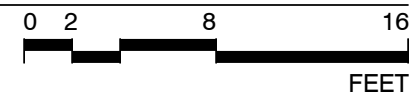
Life Sciences Annex North Wing and East Wing Renovation
 University of Nebraska
 Lincoln, Nebraska
 UNL Proj. No.: A090P025
 & A090P026

Basement Mechanical Room Demolition Plan
 Supplemental Drawing: SDPM-001
 Revision of Sheet: N/A
 Date: 02/03/12



MECHANICAL ROOF DEMOLITION PLAN

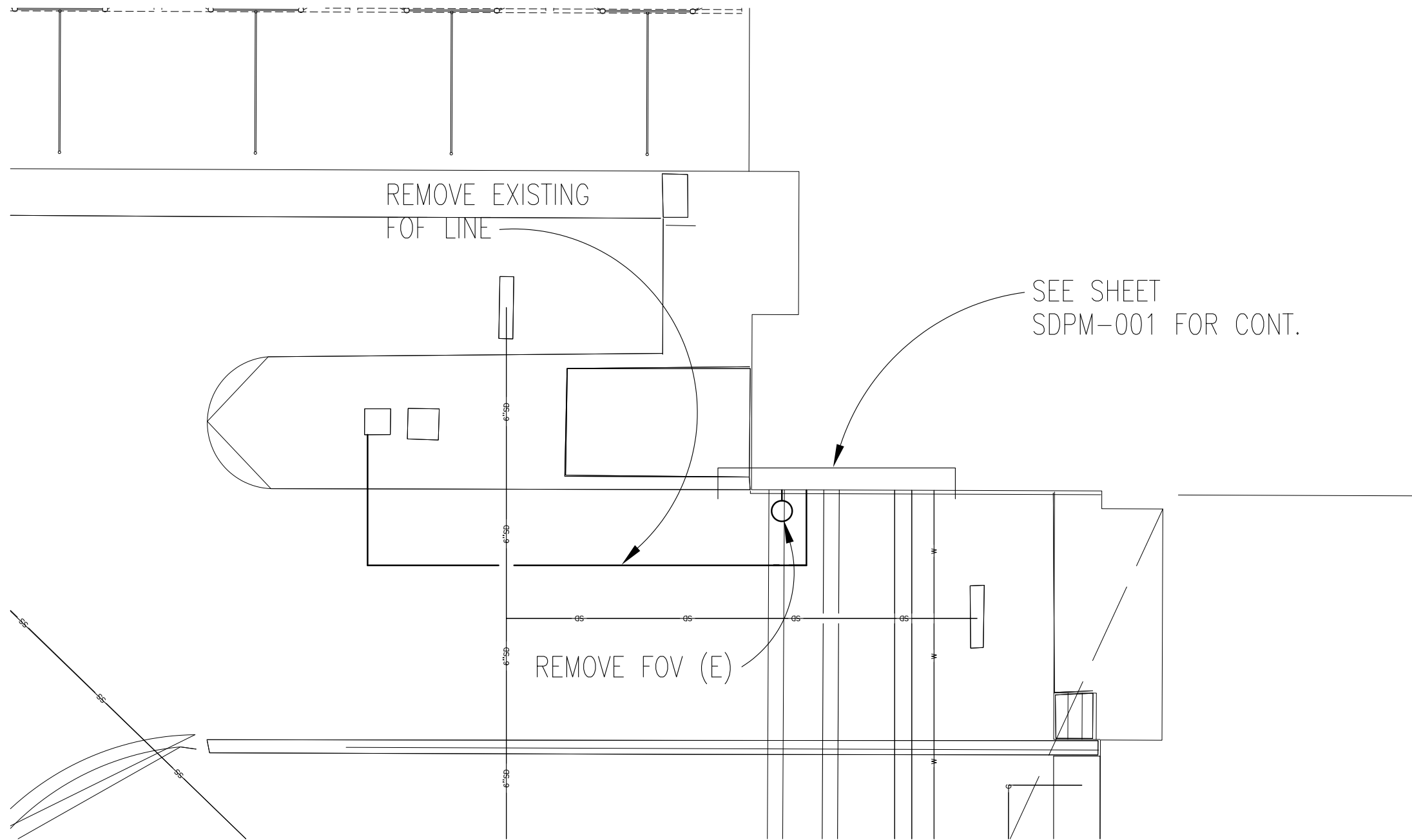
SCALE: 1/8"=1'-0"



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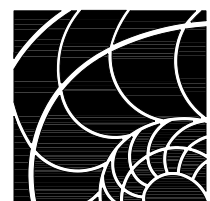
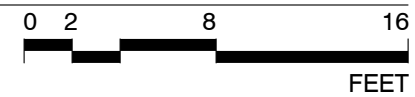
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Lincoln, Nebraska
UNL Proj. No.: A090P025
& A090P026

Mechanical Roof Demolition Plan
Supplemental Drawing: SDPM-002
Revision of Sheet: N/A
Date: 02/03/12



MECHANICAL SITE DEMOLITION PLAN

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



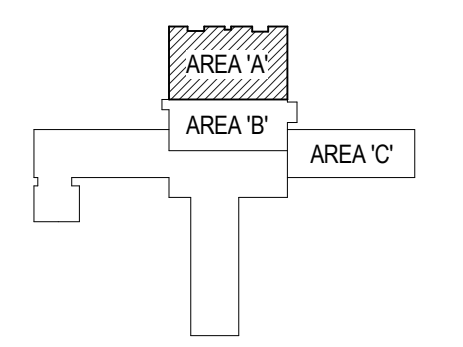
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Mechanical Site Demolition Plan
Supplemental Drawing: SDPM-003
Revision of Sheet: N/A
Date: 02/03/12

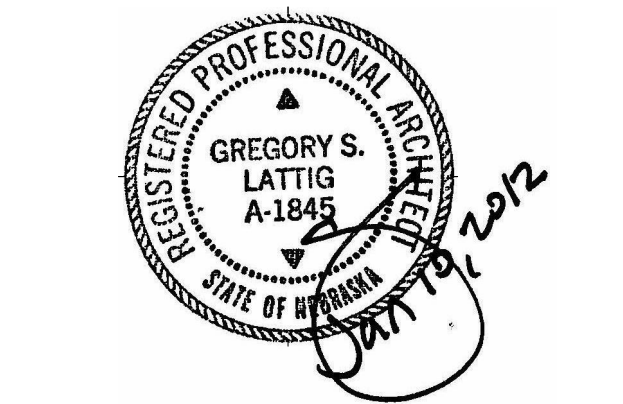
DATE	REVISION DESCRIPTION
02/03/12	Addendum #1



KEY PLAN
 SCALE: 1" = 200'0"

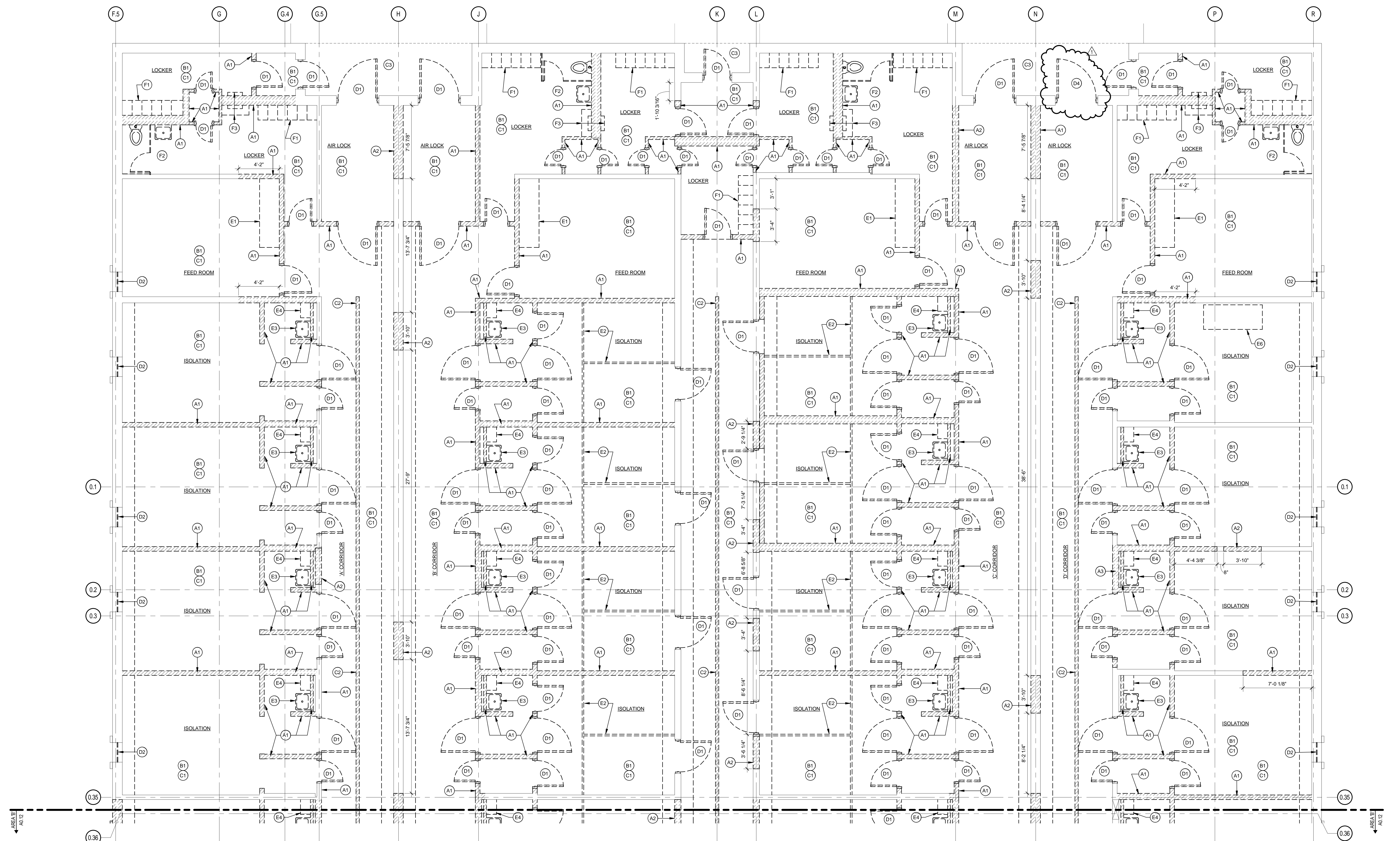
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 TCEP No.: 018-185-11

January 10, 2012



First Floor Demolition Plan Area 'A'

A0.11



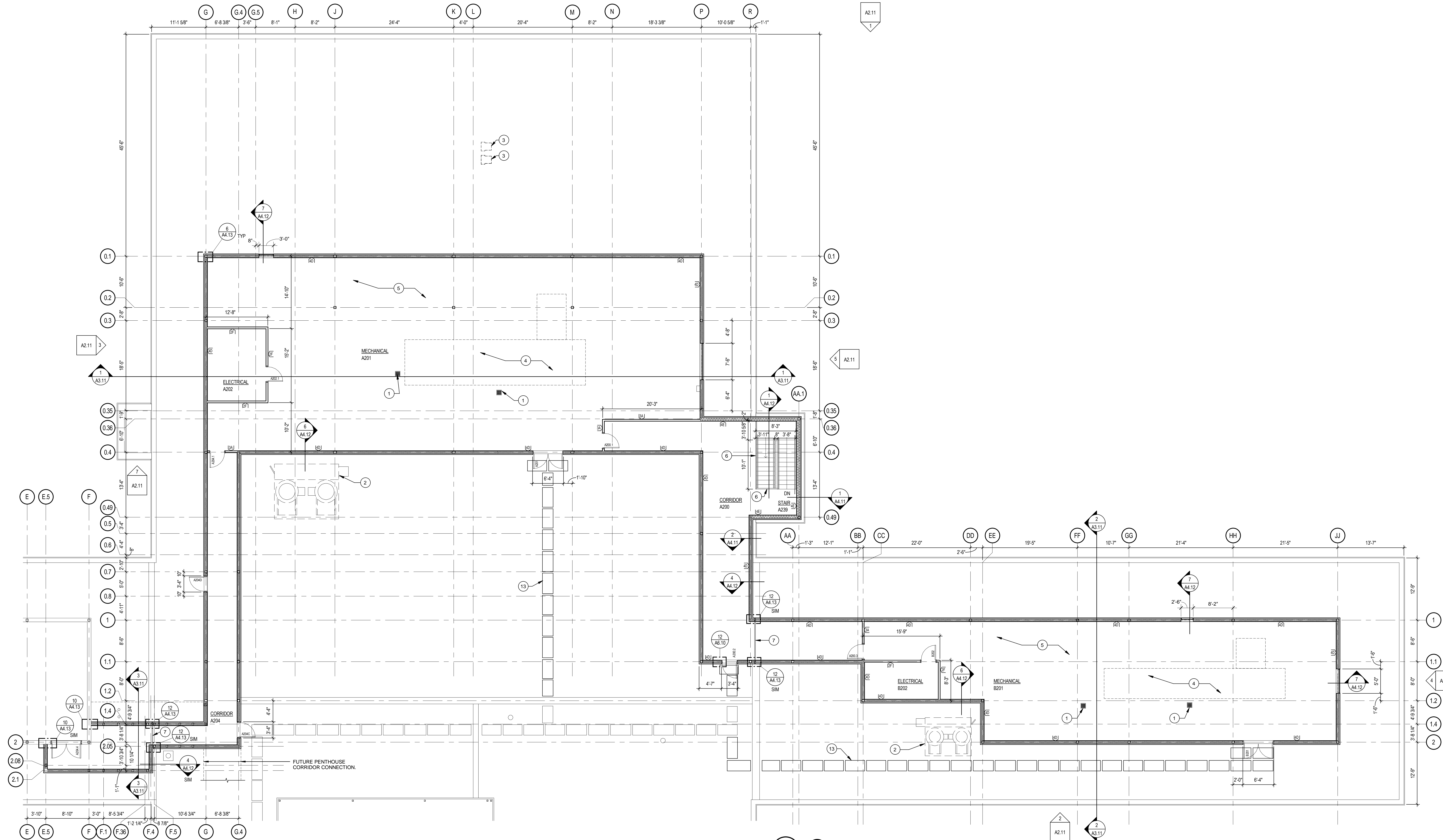
FIRST FLOOR DEMOLITION PLAN AREA 'A'
 SCALE: 1/4" = 1'-0"

DEMOLITION GENERAL NOTES

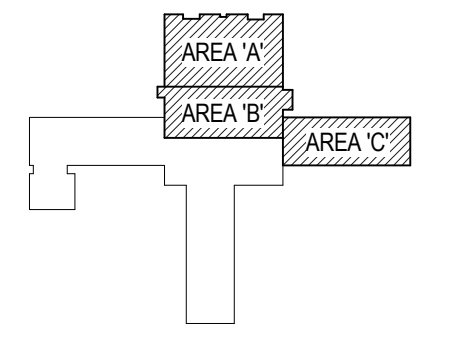
- THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL OF ALL SALVAGEABLE ITEMS.
- PROTECT ITEMS NOT BEING REMOVED FROM DAMAGE DURING CONSTRUCTION.
- CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS PRIOR TO BIDDING TO DETERMINE THE TOTAL QUANTITIES AND SCOPE OF WORK THAT IS TO OCCUR AND COORDINATE ANY DISCREPANCIES WITH THE UNL PROJECT MANAGER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE INSTALLATION OF NEW WORK WITHIN EXISTING CONDITIONS.
- ALL MATERIALS REMOVED AND NOT REUSED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE SPECIFICALLY DESIGNATED TO REMAIN THE PROPERTY OF THE OWNER.
- ALL WALLS INDICATED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ALL ELECTRICAL OUTLETS, SWITCHES AND CONDUITS, TELEPHONE OUTLETS, WIRING, MECHANICAL PIPING, BASES AND PLUMBING, ETC.
- COORDINATE ALL DEMOLITION WORK BETWEEN ALL TRADES.
- CONTRACTOR SHALL NOTIFY THE UNL PROJECT MANAGER IF DEMOLITION WORK APPEARS TO AFFECT THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING BEFORE PROCEEDING.
- SEE ALSO REFLECTED CEILING PLANS, MECHANICAL SHEETS, & ELECTRICAL SHEETS FOR ADDITIONAL DEMOLITION INFORMATION.
- SOME INTERIOR CMU WALLS ARE STRUCTURAL BEARING WALLS AND SHORING MUST BE CONSTRUCTED PRIOR TO DEMOLITION OF ANY STRUCTURAL BEARING WALLS. WALLS OR PORTIONS OF WALLS AT GRID LINES G.5, H. L. N, AND 1.1 ARE STRUCTURAL BEARING WALLS. OTHER WALLS, NOT ON GRID LINES, SUPPORT THE EXISTING PENTHOUSE AND PRECAST ROOF SLABS AND DEMOLITION TO THESE WALLS MUST BE PRECEDED BY CONSTRUCTION OF SHORING. ORIGINAL BUILDING DRAWINGS WILL BE MADE AVAILABLE AT THE CONTRACTORS REQUEST.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING MATERIALS TO REMAIN RESULTING FROM WORK UNDER THIS CONTRACT, AND SHALL RESTORE SUCH DAMAGE TO ITS ORIGINAL CONDITION.
- PURSUANT TO THE FEDERAL OSHA EMPLOYEE RIGHT-TO-KNOW ACT, THE CONTRACTOR IS HEREBY ADVISED THAT HE/SHE IS RESPONSIBLE TO COMPLY WITH THE FEDERAL STANDARDS FOR LEAD PAINT ON OLDER PAINTED SURFACES. THE CONTRACTOR IS ADVISED THAT HE/SHE IS RESPONSIBLE TO COMPLY WITH THE FEDERAL STANDARDS FOR LEAD PAINT IN THE CONSTRUCTION INDUSTRY THAT WERE ADOPTED IN JUNE OF 1993 BY OSHA CFR 29 PART 1926.62. THESE REGULATIONS REQUIRE THE CONTRACTOR TO DEVELOP WORK STRATEGIES WHEN WORKING WITH LEAD TO MINIMIZE AND PROTECT WORKERS FROM LEAD HAZARDS.
- BEFORE DEMOLITION BEGINS, CONTRACTOR SHALL CONFER WITH THE LOCAL DEPARTMENT TO SCHEDULE DISRUPTION OF DAILY DEPARTMENT ACTIVITIES.
- ALL PRODUCTS AND EQUIPMENT SHALL BE KEPT CLEAN AND SAFE. DISPOSE OF DEBRIS DAILY AND CLEAN AREAS OF WORK UPON COMPLETION.
- CONSTRUCTION AREA SHALL BE KEPT CLEAN AND SAFE. DISPOSE OF DEBRIS DAILY AND CLEAN AREAS OF WORK UPON COMPLETION.
- FINAL CLEANING SHALL INCLUDE THE FOLLOWING:
 A. REMOVE LABELS THAT ARE NOT INTENDED TO BE PERMANENT.
 B. CLEAN ALL TRANSPARENT SURFACES, INCLUDING MIRRORS AND GLASS IN DOORS AND WINDOWS.
 C. CLEAN EXPOSED SURFACES AND INTERIOR HARD-SURFACED FINISHES TO A DUST-FREE CONDITION.
- ASBESTOS ABATEMENT WILL BE PERFORMED UNDER SEPARATE CONTRACT. IF ASBESTOS IS DISCOVERED DURING DEMOLITION, NOTIFY THE UNL PROJECT MANAGER.
- REMOVE ALL SURFACE MOUNTED OBJECTS IN AREA OF WORK THAT ARE ABANDONED AND NOT INTENDED FOR REUSE. PREPARE SURFACE FOR NEW FINISH.

DEMOLITION KEY NOTES

A - WALLS	E - FURNISHINGS & EQUIPMENT
A1 REMOVE EXISTING CMU WALL CONSTRUCTION FROM FLOOR TO STRUCTURE AS INDICATED, TYP.	E1 REMOVE EXISTING CASEWORK
A2 SAW CUT AND REMOVE EXISTING CMU WALL CONSTRUCTION FOR NEW OPENING.	E2 REMOVE EXISTING ALUMINUM & STEEL PENNING & HEAD GATE SYSTEM. REMOVE ALL FLOOR & WALL ATTACHMENTS. PREPARE WALLS FOR CMU REPAIR.
A3 REMOVE PORTION OF EXISTING CMU WALL AS NECESSARY FOR INSTALLATION OF SAFETY SHOWER AND FIRE EXTINGUISHER CABINET.	E3 REMOVE EXISTING SINK, TYP.
A4 REMOVE EXISTING STOREFRONT CONSTRUCTION AND CMU WALL ABOVE IN THEIR ENTIRETY, TYP.	E4 REMOVE EXISTING SHELF, TYP.
B - FLOOR	E5 REMOVE EXISTING RACK WASHER. INFILL EXISTING RECESSED PIT AND PREP FOR NEW SLAB ON GRADE.
B1 REMOVE EXISTING CONCRETE SLAB ON GRADE, FLOOR DRAINS, & TROUGH DRAINS IN AREAS 'A' 'B' & 'C' U.O.N. TYP. PREPARE FOR INSTALLATION OF NEW CONCRETE SLAB.	E6 REMOVE EXISTING FUME HOOD. RETAIN FOR OWNER SALVAGE.
B2	F - MISCELLANEOUS
C - CEILING	F1 REMOVE EXISTING LOCKERS.
C1 REMOVE EXISTING CEILING SYSTEM IN AREAS 'A' 'B' & 'C' U.O.N. TYP.	F2 REMOVE EXISTING TOILET FIXTURES & PARTITIONS, TYP.
C2 REMOVE EXISTING HOIST RAIL SYSTEM AND SUPPORTS AS INDICATED.	F3 REMOVE EXISTING PASSTHROUGH AND SHELF.
C3 REMOVE EXISTING LIGHTING FIXTURE IN SOFFIT. PREPARE SOFFIT FOR INSTALLATION OF NEW LIGHTING FIXTURES WHERE THEY OCCUR. REF. ELEC. FOR FIXTURE LOCATIONS AND TYPE.	F4 EXISTING CEILING FLOOR, AND WALLS TO REMAIN.
D - DOORS & WINDOWS	
D1 REMOVE EXISTING DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY. SHORE BEARING WALLS PRIOR TO REMOVAL OF EXISTING DOOR FRAME.	
D2 REMOVE EXISTING ALUMINUM WINDOW SYSTEM ENTIRELY. PREPARE HEAD, JAMB, & SILL FOR MASONRY INFILL.	
D3 REMOVE EXISTING DOOR AND HARDWARE. SALVAGE FRAME IN PLACE FOR REUSE AND MODIFICATION AS NECESSARY FOR NEW DOOR.	
D4 REMOVE EXISTING DOOR AND HARDWARE. SALVAGE FRAME IN PLACE. PREP FRAME FOR NEW DOOR AND FRAME INFILL.	
D5 REMOVE EXISTING FEED DOOR AND HARDWARE. PREP FOR CMU INFILL.	



DATE: 02/03/12
 REVISION DESCRIPTION: Addendum #1

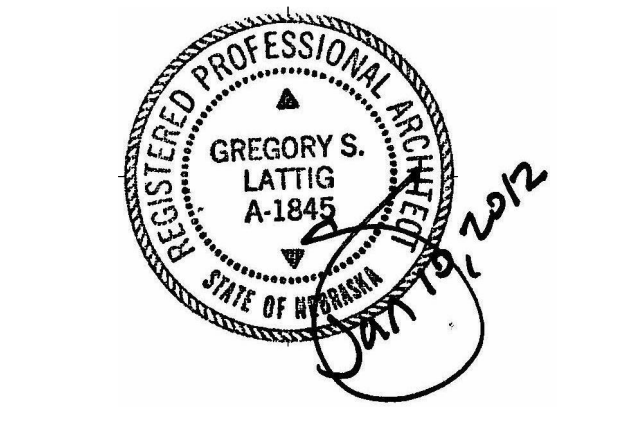


KEY PLAN
 SCALE: 1" = 200'-0"

Life Sciences Annex North Wing and East Wing Renovation

University of Nebraska
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 UNL Proj. No.: A090P025 & A090P026

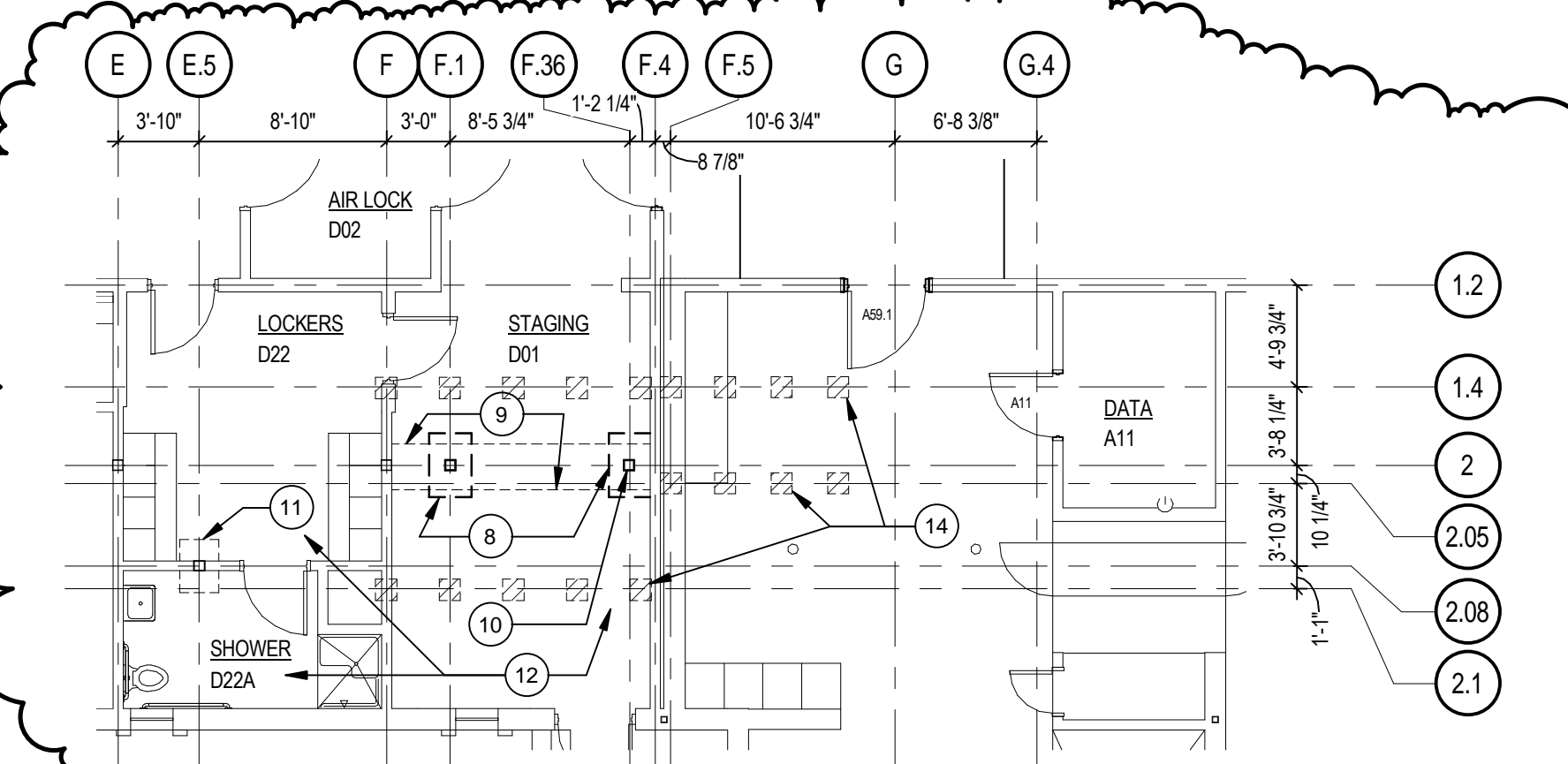
TCEP No.: 018-185-11
 January 10, 2012



Penthouse Floor Plan
 Area 'A', 'B', & 'C'

A1.21

PENTHOUSE FLOOR PLAN AREA 'A', 'B', & 'C'
 SCALE: 1/8" = 1'-0"



FIRST FLOOR PLAN WEST WING STAGING AREA
 SCALE: 1/8" = 1'-0"

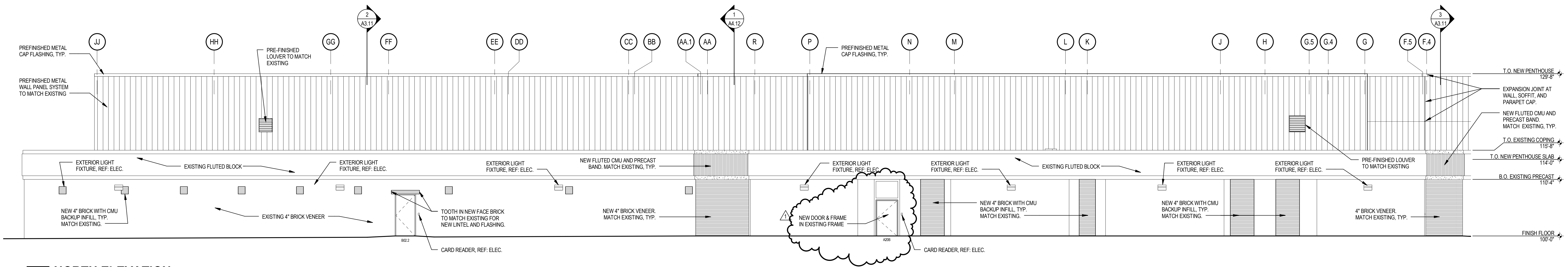


KEY NOTES

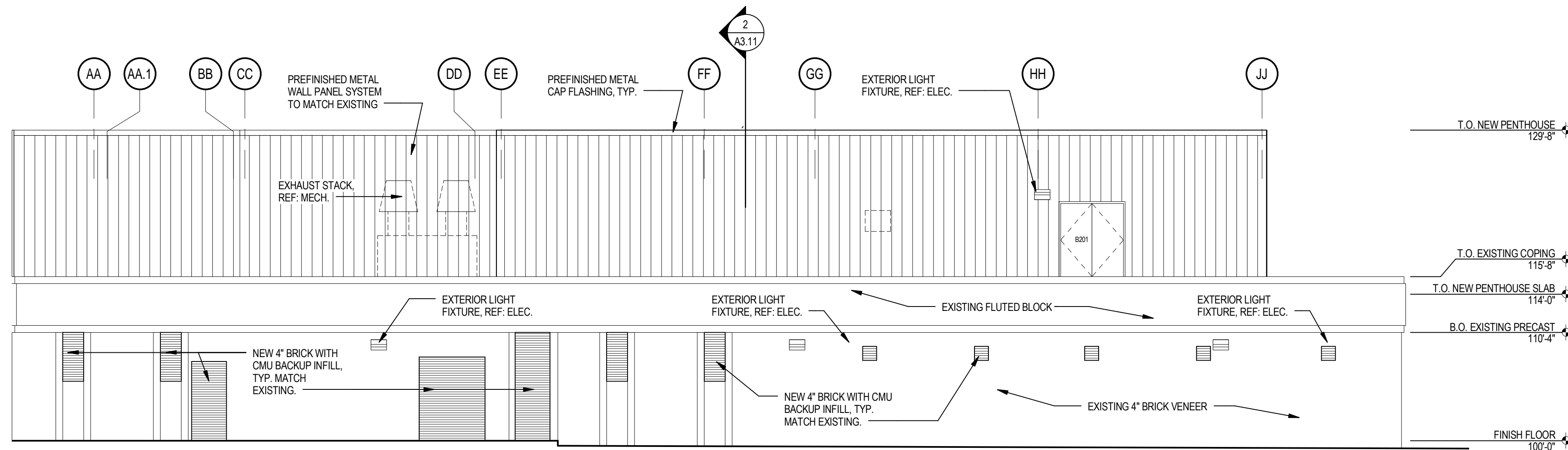
- 1 SET FLOOR DRAIN 1/2" BELOW FINISH FLOOR W/ 5'-0" DIAMETER SWEEP. REF: PLUMBING DRAWINGS AND SPECS FOR FLOOR DRAIN SIZE AND TYPE.
- 2 BUILDING EXHAUST. REF: MECHANICAL
- 3 BIOSAFETY CABINET EXHAUST. REF: MECHANICAL
- 4 MECHANICAL UNIT. REF: MECHANICAL
- 5 PROVIDE CAST-IN-PLACE HOUSEKEEPING PADS FOR EQUIPMENT IN PENTHOUSE. REF: MEP FOR EQUIPMENT
- 6 GUARDRAIL
- 7 FLOOR EXPANSION JOINT COVER. REF: SPECS.
- 8 REMOVE PORTION OF FLOOR FOR NEW FOOTING & COLUMN. PATCH AND REPAIR SUBFLOOR AND FLOOR FINISH TO MATCH EXISTING.
- 9 REMOVE PORTION OF EXISTING GROW CEILING AND ADJACENT LIGHT FIXTURES AS NEEDED FOR INSTALLATION OF NEW BEAM AND COLUMNS. REINSTALL LIGHT FIXTURES TO MATCH EXISTING. PATCH & REPAIR CEILINGS FOR SMOOTH FINISH. PAINT TO MATCH EXISTING.
- 10 PAINT NEW COLUMNS TO MATCH ADJACENT WALL. SEAL JOINT AT FULL PERIMETER OF CEILING TRANSITION.
- 11 REMOVE PORTION OF GROW CEILING FOR INSTALLATION OF NEW COLUMN AT TOP OF EXISTING CMU WALL. PATCH AND REPAIR CEILINGS FOR SMOOTH FINISH. PAINT TO MATCH EXISTING.
- 12 MINIMIZE DOWNTIME OF THIS AREA. COORDINATE DOWNTIME IN THIS AREA WITH OWNER.
- 13 REINSTALL EXISTING WALK PADS AND SUPPLEMENT WITH NEW WALKPADS AS NEEDED.
- 14 REMOVE PORTIONS OF EXISTING CEILING AS NECESSARY TO INSTALL COLUMNS AT ROOF DECK ABOVE. PATCH CEILING FOR SMOOTH FINISH. PAINT TO MATCH EXISTING.

WALL TYPE SCHEDULE

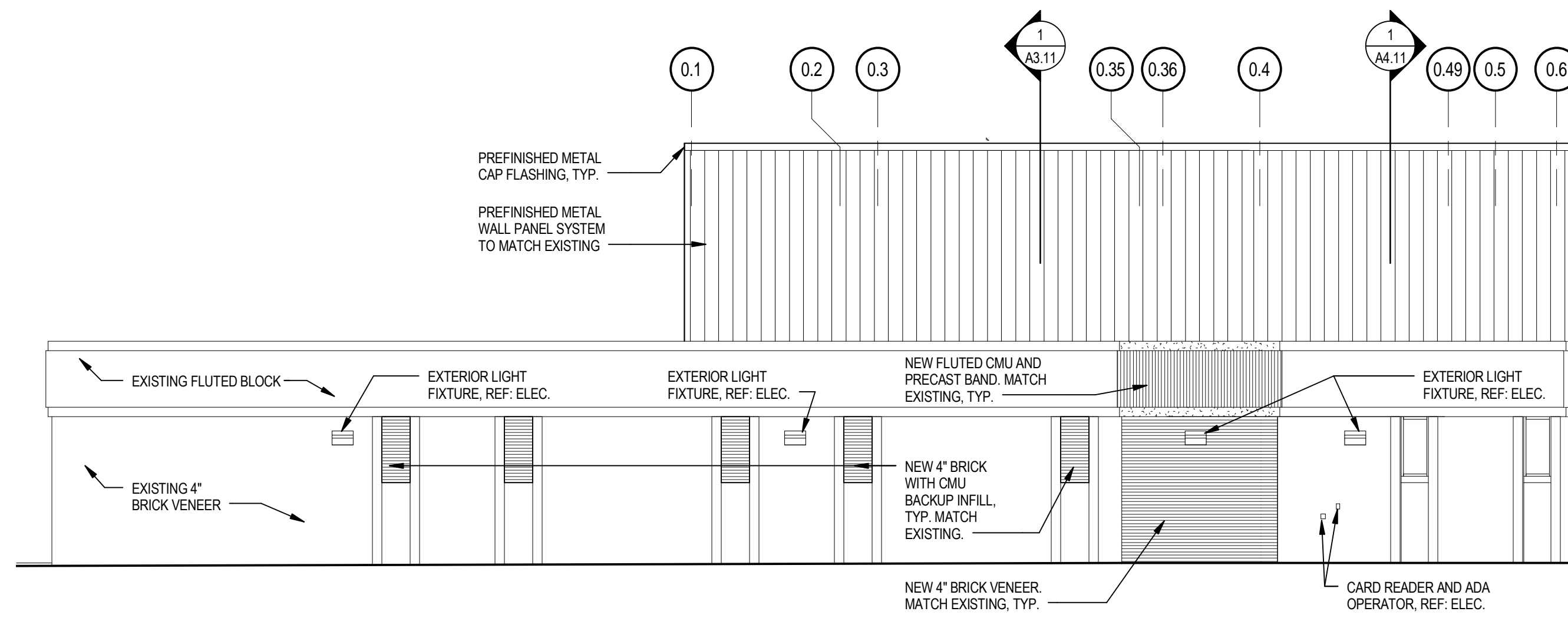
TAG	ACTUAL SIZE	DESCRIPTION	TAG	ACTUAL SIZE	DESCRIPTION
1- EXISTING WALL CONSTRUCTION					
1A	1'-0"	TYPICAL EXISTING EXTERIOR WALL CONSTRUCTION: 6" CMU CAVITY WALL INSULATION AND 4" FACE BRICK. SEE ROOM FINISH SCHEDULE FOR INTERIOR FINISHES.	2F	4'-7 7/8"	NEW METAL STUD WALL 3 5/8" x 20ga GALVANIZED STEEL STUDS @ 16" O.C. MIN. w/ 1 LAYER - 5/8" TYPE 'X' GROW EACH SIDE. PT. PER ROOM FINISH SCHEDULE. EXTEND ENTIRE ASSEMBLY FROM FLOOR TO STRUCTURE ABOVE.
1B	11'-5 7/8"	EXISTING INTERIOR CMU WALL CONSTRUCTION: 12" CMU WALL. SEE ROOM FINISH SCHEDULE FOR INTERIOR FINISHES.	3- FIRE RATED CONSTRUCTION		
1C	7'-5 7/8"	EXISTING INTERIOR CMU WALL CONSTRUCTION: 8" CMU WALL. SEE ROOM FINISH SCHEDULE FOR INTERIOR FINISHES.	3A	4'-7 7/8"	1 HR FIRE RATED ASSEMBLY: 3 5/8" x 20ga GALVANIZED STEEL STUDS @ 16" O.C. MIN. w/ 1 LAYER - 5/8" TYPE 'X' GROW EACH SIDE. PT. PER ROOM FINISH SCHEDULE. EXTEND ENTIRE ASSEMBLY FROM FLOOR TO STRUCTURE ABOVE. COMPLY WITH UL DESIGN N. U466 FOR 1 HOUR ASSEMBLY.
1D	5'-5 7/8"	EXISTING INTERIOR CMU WALL CONSTRUCTION: 6" CMU WALL. SEE ROOM FINISH SCHEDULE FOR INTERIOR FINISHES.	4- NEW EXTERIOR WALL CONSTRUCTION		
1E	3'-5 7/8"	EXISTING INTERIOR CMU WALL CONSTRUCTION: 4" CMU CHASE WALL. SEE ROOM FINISH SCHEDULE FOR INTERIOR FINISHES.	4A	1'-2"	NEW EXTERIOR MASONRY CAVITY WALL CONSTRUCTION: 8" CMU w/ #5 VERTICAL REINFORCEMENT @ 32" O.C. AND 4" FACE BRICK WITH HORIZONTAL JOINT REINFORCEMENT @ 16" O.C.
1F	1'-2"	EXISTING INTERIOR CMU WALL w/ 6" CMU ON TAG SIDE AND 6" CMU ON NON-TAG SIDE.	4B	9'-11 1/4"	NEW EXTERIOR MASONRY CAVITY WALL CONSTRUCTION AT WINDOW INFILL: 4" CMU w/ #4 VERTICAL REINFORCEMENT @ 32" O.C., 1 1/2" RIGID INSULATION, AND 4" FACE BRICK FROM EXISTING SILL TO EXISTING WINDOW HEAD.
2- NEW INTERIOR WALL CONSTRUCTION					
2A	11'-5 7/8"	NEW 12" CMU WALL w/ #5 VERTICAL REINFORCEMENT @ 32" O.C. AND HORIZONTAL JOINT REINFORCEMENT @ 16" O.C. EXTEND ASSEMBLY FROM FOOTING TO 4" MIN. ABOVE FINISH CEILING.	4C	1'-0"	NEW EXTERIOR MASONRY CAVITY WALL CONSTRUCTION: 6" CMU w/ #5 VERTICAL REINFORCEMENT @ 32" O.C., 2" RIGID INSULATION, AND 4" FACE BRICK WITH HORIZONTAL JOINT REINFORCEMENT @ 16" O.C.
2B	7'-5 7/8"	NEW 8" CMU WALL w/ #5 VERTICAL REINFORCEMENT @ 32" O.C. AND HORIZONTAL JOINT REINFORCEMENT @ 16" O.C. EXTEND ASSEMBLY FROM FOOTING TO 4" MIN. ABOVE FINISH CEILING.	4D	9'-3 3/8"	NEW EXTERIOR PENTHOUSE WALL CONSTRUCTION: 8" STRUCTURAL STEEL STUDS @ 16" O.C. w/ 1/2" SHEATHING, COMMERCIAL BUILDING WRAP AND METAL WALL PANELS AS SPECIFIED. PROVIDE 5/8" TYPE 'X' GROW SHEATHING ON INTERIOR FACE. SEE WALL SECTION FOR ADDITIONAL INFO.
2C	5'-5 7/8"	NEW 6" CMU WALL w/ #4 VERTICAL REINFORCEMENT @ 32" O.C. AND HORIZONTAL JOINT REINFORCEMENT @ 16" O.C. EXTEND ASSEMBLY FROM FOOTING TO 4" MIN. ABOVE FINISH CEILING.	4E	11'-3 3/8"	NEW EXTERIOR PENTHOUSE WALL CONSTRUCTION: 8" STRUCTURAL STEEL STUDS @ 16" O.C. w/ 1/2" SHEATHING, COMMERCIAL BUILDING WRAP AND METAL WALL PANELS AS SPECIFIED. PROVIDE 5/8" TYPE 'X' GROW SHEATHING ON INTERIOR FACE. SEE WALL SECTION FOR ADDITIONAL INFO.
2D	3'-5 7/8"	NEW 4" CMU WALL w/ #4 VERTICAL REINFORCEMENT @ 32" O.C. AND HORIZONTAL JOINT REINFORCEMENT @ 16" O.C. EXTEND ASSEMBLY FROM FOOTING TO 4" MIN. ABOVE FINISH CEILING.	4F	1'-2"	NEW EXTERIOR MASONRY CAVITY WALL CONSTRUCTION: 8" CMU w/ #5 VERTICAL REINFORCEMENT @ 24" O.C., 2" RIGID INSULATION, AND 4" FACE BRICK WITH HORIZONTAL JOINT REINFORCEMENT @ 16" O.C.
2E	4'-11 1/4"	NEW METAL STUD FURRING WALL: 3 5/8" x 20ga GALVANIZED STEEL STUDS @ 16" O.C. MIN. w/ 1 LAYER - 5/8" TYPE 'X' GROW ONE (1) SIDE. PT. PER ROOM FINISH SCHEDULE. EXTEND ENTIRE ASSEMBLY FROM FLOOR TO STRUCTURE ABOVE AND PROVIDE BATT. INSUL. IN STUD CAVITY.			



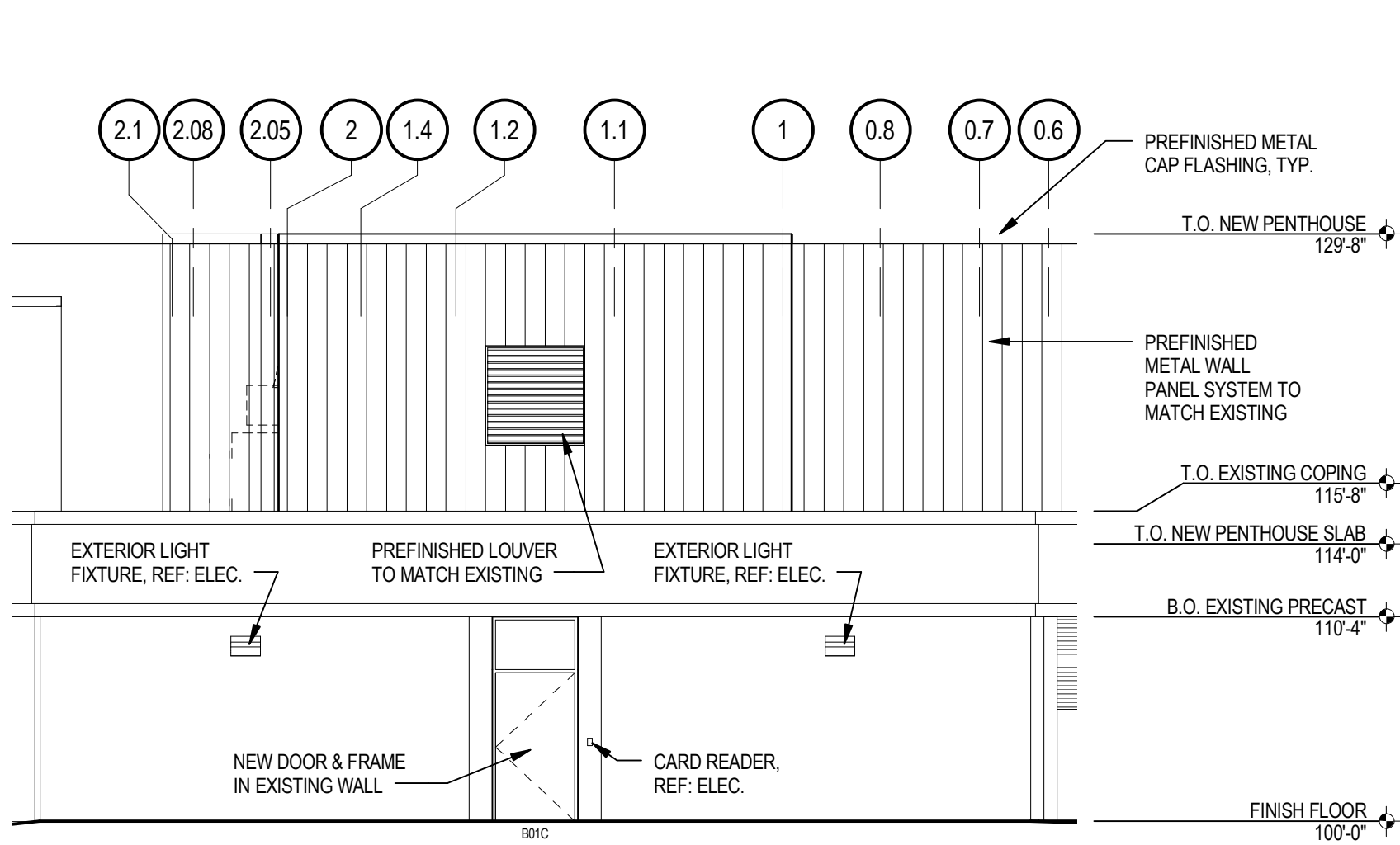
1 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



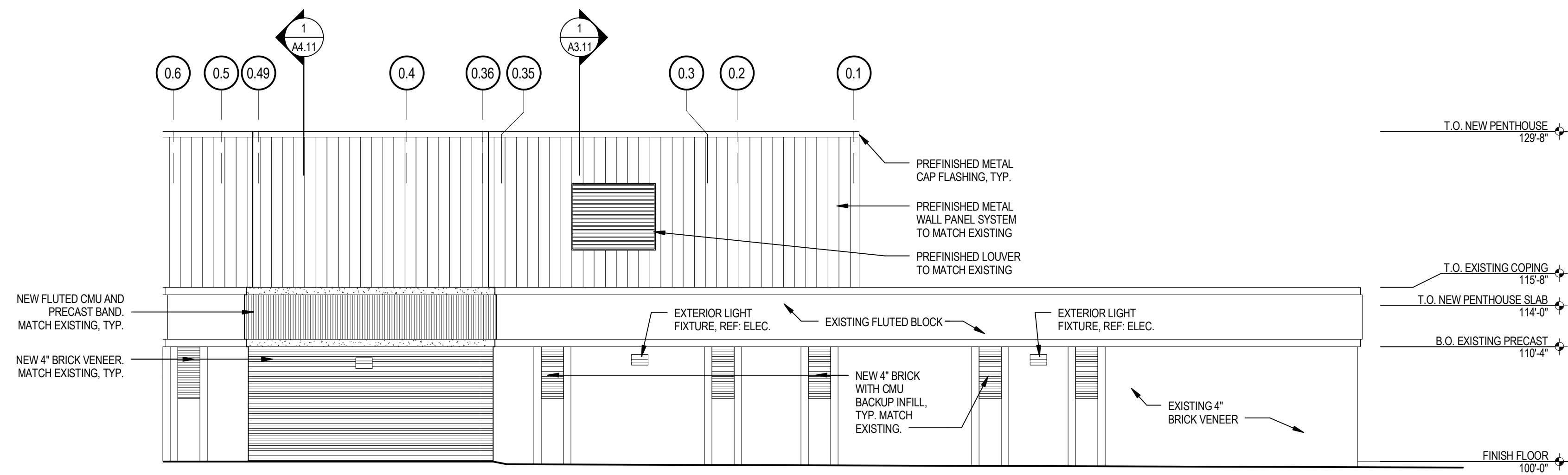
2 SOUTH ELEVATION AREA 'C'
SCALE: 1/8" = 1'-0"



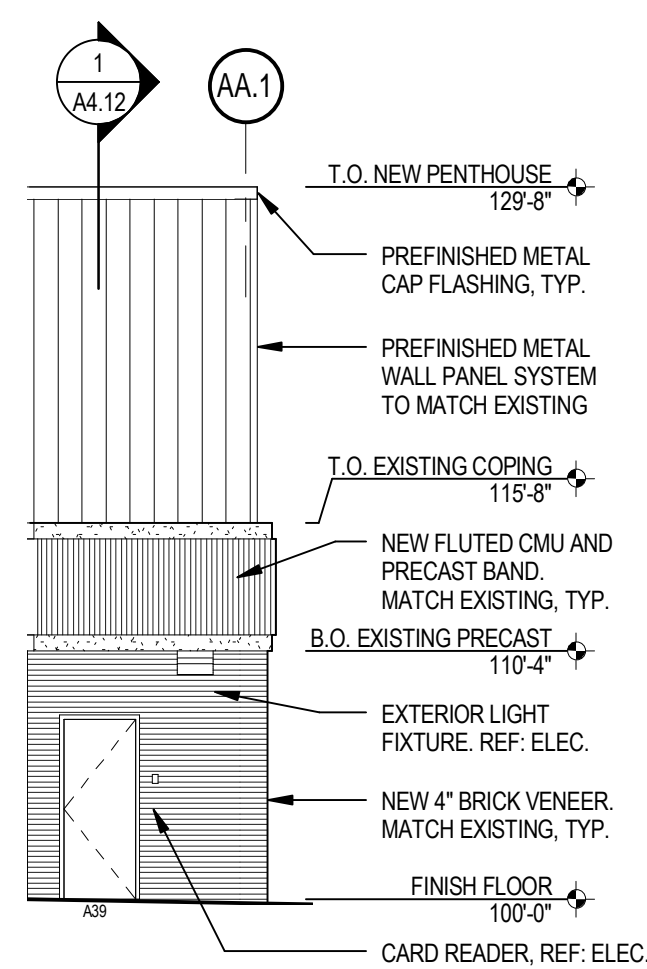
3 WEST ELEVATION AREA 'A' & 'B'
SCALE: 1/8" = 1'-0"



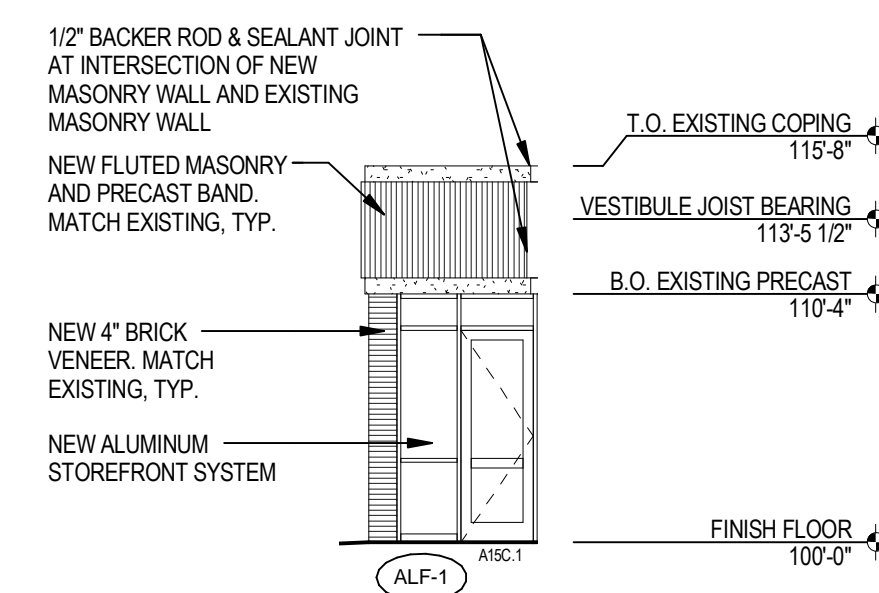
4 EAST ELEVATION AREA 'C'
SCALE: 1/8" = 1'-0"



5 EAST ELEVATION AREA 'A' & 'B'
SCALE: 1/8" = 1'-0"



6 PARTIAL SOUTH ELEVATION AREA 'B'
SCALE: 1/8" = 1'-0"



7 VESTIBULE SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

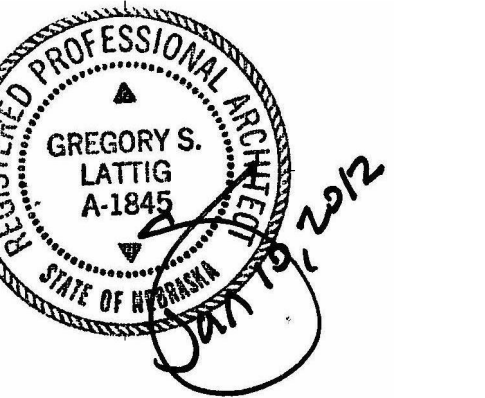
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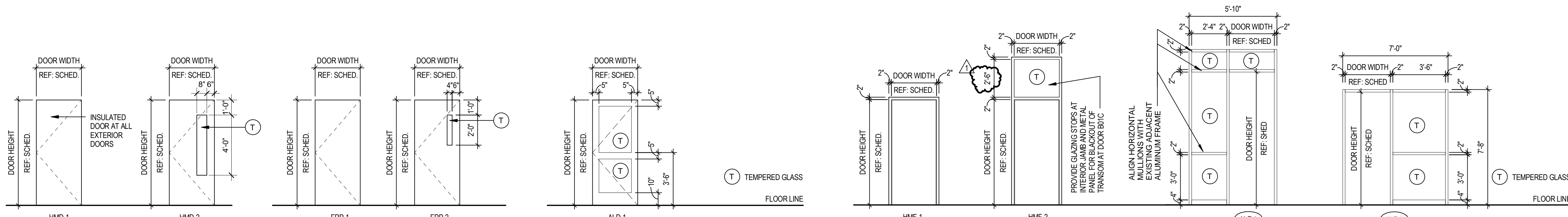
TCEP No.: 018-185-11

January 10, 2012



Exterior Elevations

A2.11



DOOR TYPES - HM
 SCALE: 1/4" = 1'-0"

DOOR TYPES - FRP
 SCALE: 1/4" = 1'-0"

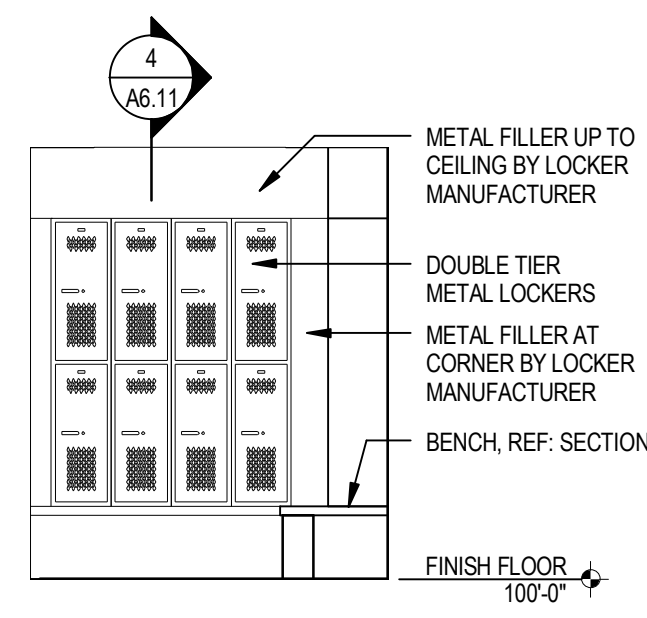
DOOR TYPES - ALUMINUM
 SCALE: 1/4" = 1'-0"

HOLLOW METAL FRAME TYPES
 SCALE: 1/4" = 1'-0"

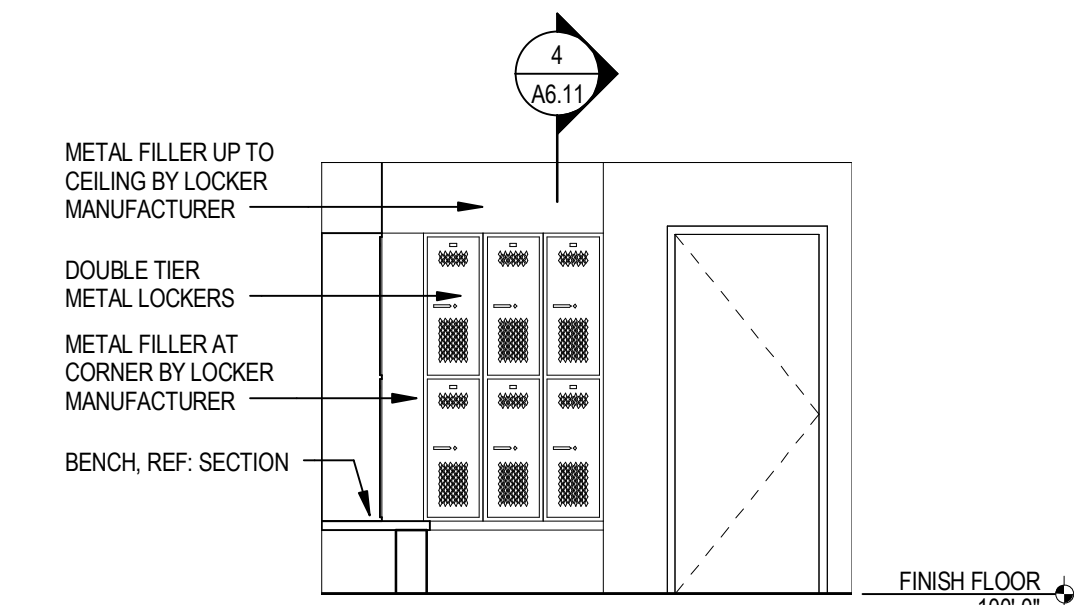
ALUMINUM FRAME TYPES
 SCALE: 1/4" = 1'-0"

DOOR SCHEDULE

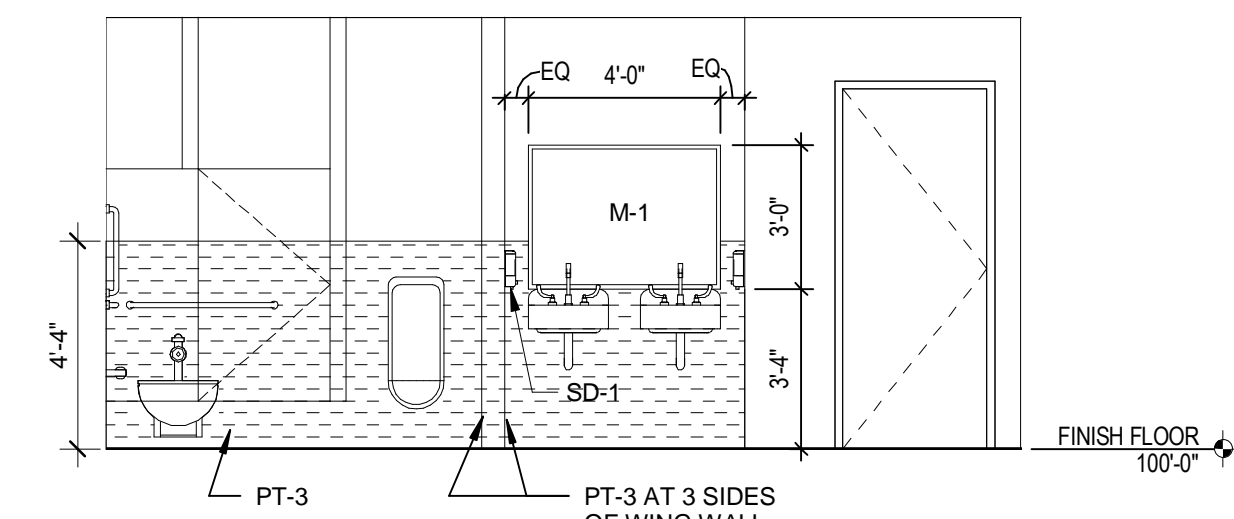
DOOR NO.	PAIR	WIDTH	HEIGHT	DOOR TYPE	FINISH	PT	DEPTH	REF. W. TYPE	HEAD	JAMB	SILL	FIRE RATING	HARDWARE	REMARKS
A12.1		3'-0"	7'-6"	HMD-1	PT	5.58"	6A16.10	6B16.10					2	
A12.2		3'-0"	7'-6"	FRP-2	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		35	
A13.1		3'-6"	7'-6"	FRP-2	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		2	1
A13.2		3'-6"	7'-6"	FRP-2	-	HMF-1	PT	7.58"	1A16.10	1B16.10	1A16.10		2	1
A13A		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	7.58"	1A16.10	1B16.10	1A16.10		33	
A13B		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	11.58"	1A16.10	1B16.10	1A16.10		33	
A14		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	7.58"	1A16.10	1B16.10	1A16.10		4	
A15B		3'-6"	7'-6"	HMD-2	PT	6"	7A16.10	7B16.10					5	
A15C1		3'-0"	8'-10"	ALD-1	-	ALF-1	-	18A16.10	18B16.10	15A16.10		6	1	
A15C2		3'-0"	7'-6"	ALD-1	-	ALF-2	-	3A16.10	3B16.10	1A16.10		17		
A16		3'-0"	7'-6"	HMD-1	PT	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		8	
A16A		3'-0"	7'-6"	HMD-1	PT	HMF-1	PT	11.58"	1A16.10	1B16.10	1A16.10		8	
A16C1		3'-0"	7'-6"	HMD-1	PT	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		8	
A16C2		3'-0"	7'-6"	FRP-2	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		9	1
A17		3'-0"	7'-6"	HMD-1	PT	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		8	
A17A		3'-0"	7'-6"	HMD-1	PT	HMF-1	PT	11.58"	1A16.10	1B16.10	1A16.10		8	
A17C.1		3'-0"	7'-6"	HMD-1	PT	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		8	
A17C.2		3'-0"	7'-6"	FRP-2	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		9	1
A18A	PR	3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		10	
A18B		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		11	
A19.1		3'-0"	7'-6"	FRP-2	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		36	1
A19.2		3'-0"	7'-6"	HMD-2	PT	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		36	
A20		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		17	
A22		3'-6"	7'-6"	FRP-2	-	HMF-1	PT	11.58"	1A16.10	1B16.10	1A16.10		15	
A22A		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		14	2
A22B		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		16	
A22C		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		14	2
A23		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		14	
A24		3'-6"	7'-6"	FRP-2	-	HMF-1	PT	11.58"	1A16.10	1B16.10	1A16.10		15	
A24A		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		14	2
A24B		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		14	2
A24C		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		14	2
A24D		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		16	
A25		3'-6"	7'-6"	FRP-2	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		15	
A25A		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	7.58"	1A16.10	1B16.10	1A16.10		14	2
A25B		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		16	
A25C		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		14	2
A27		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		11	
A28		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		11	
A28.1		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		11	
A29.2		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		11	
A30		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		11	
A31		3'-6"	7'-6"	FRP-2	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		15	
A31A		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		14	2
A31B		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		3	
A31C		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	7.58"	1A16.10	1B16.10	1A16.10		14	2
A32		3'-6"	7'-6"	FRP-2	-	HMF-1	PT	11.58"	1A16.10	1B16.10	1A16.10		15	
A32A		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		14	2
A32B		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		16	
A32C		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		14	2
A32D		3'-2"	7'-6"	FRP-1	-	HMF-1	PT	7.58"	1A16.10	1B16.10	1A16.10		16	
A32E		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		14	2
A32F		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	7.58"	1A16.10	1B16.10	1A16.10		12	
A33		3'-6"	7'-6"	FRP-2	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		16	
A33A		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		9	1
A33B		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		16	
A33C		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		16	
A33D		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		16	
A33E		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		16	
A33F.1		3'-6"	7'-6"	FRP-2	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		12	
A33F.2		3'-6"	7'-6"	FRP-2	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		9	1
A34		3'-6"	7'-6"	FRP-2	-	HMF-1	PT	11.58"	1A16.10	1B16.10	1A16.10		15	
A34A		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		14	2
A34B		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		16	
A34C		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		14	2
A34D		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	7.58"	1A16.10	1B16.10	1A16.10		16	
A34E		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		14	2
A34F		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		16	
A35	PR	3'-0"	7'-6"	FRP-2	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		17	
A35A.1		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	7.58"	1A16.10	1B16.10	1A16.10		18	
A35A.2		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	7.58"	1A16.10	1B16.10	1A16.10		9	3
A35B.1		3'-0"	7'-6"	FRP-2	-	HMF-1	PT	7.58"	6A16.10	6B16.10	1A16.10		3	
A35B.2		3'-0"	7'-6"	FRP-2	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		9	1
A36		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	7.58"	1A16.10	1B16.10	1A16.10		11	
A37	PR	3'-0"	7'-6"	FRP-2	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		17	
A37B		3'-0"	7'-6"	FRP-1	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		11	
A37C.1		3'-0"	7'-6"	FRP-2	-	HMF-1	PT	7.58"	1A16.10	1B16.10	1A16.10		3	
A37C.2		3'-0"	7'-6"	FRP-2	-	HMF-1	PT	5.58"	1A16.10	1B16.10	1A16.10		9	1
A37D.1		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	7.58"	1A16.10	1B16.10	1A16.10		18	
A37D.2		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	7.58"	1A16.10	1B16.10	1A16.10		9	3
A38		3'-0"	7'-6"	HMD-1	PT	HMF-1	PT	11"	1A16.10	13A16.10	15A16.10		13	1
A39		3'-6"	7'-6"	FRP-1	-	EXISTING	6"						9	5
A39.1		3'-8"	7'-6"	FRP-1	-	HMF-1	PT	7"	2A16.10	2C16.10	1A16.10	90 MIN	31	7
A39.2		3'-8"	7'-6"	FRP-1	-	HMF-1	PT	7"	2B16.10	2C16.10	1A16.10	90 MIN	31	8
A39.3		3'-8"	7'-6"	FRP-1	-	HMF-1	PT	7"	2B16.10	2C16.10	1A16.10	90 MIN	31	8
A39.4		3'-6"	7'-6"	FRP-1	-	HMF-1	PT	7.78"	6A16.10	6B16.10	1A16.10		32	
A39.5		3'-0"	7'-6"	HMD-1	PT	HMF-1	PT	5.34"	1C16.10	1C16.10	1A16.10	45 MIN	27	
A200.2		3'-0"	7'-0"	HMD-1	PT	HMF-1	PT	8"	10A16.10	12A16.10	11A16.10		26	
A200.3		3'-0"	7'-0"	HMD-1	PT	HMF-1	PT	6"	1C16.10	1C16.10	1A16.10	45 MIN	28	
A201	PR	3'-0"	7'-0"	HMD-1	PT	HMF-1	PT	8"	10A16.10	12A16.10	11A16.10		26	
A202.1		3'-0"	7'-0"	HMD-1	PT	HMF-1	PT	5.34"	1C16.10	1C16.10	1A16.10		29	
A202.2		3'-0"	7'-0"	HMD-1	PT	HMF-1	PT	5.34"	1C16.10	1C16.10	1A16.10		29	
A204.4	PR	3'-0"	7'-0"	HMD-1	PT	HMF-1	PT	8"	1C16.10 SIM	1C16.10 SIM	1A16.10	45 MIN	30	4
A204C		3'-0"	7'-0"	HMD-1	PT	HMF-1	PT	8"	10A16.10	12A16.10	11A16.10		27	
A204D		3'-0"	7'-0"	HMD-1	PT	HMF-1	PT	8"	1C16.10	1C16.10	11A16.10		27	</



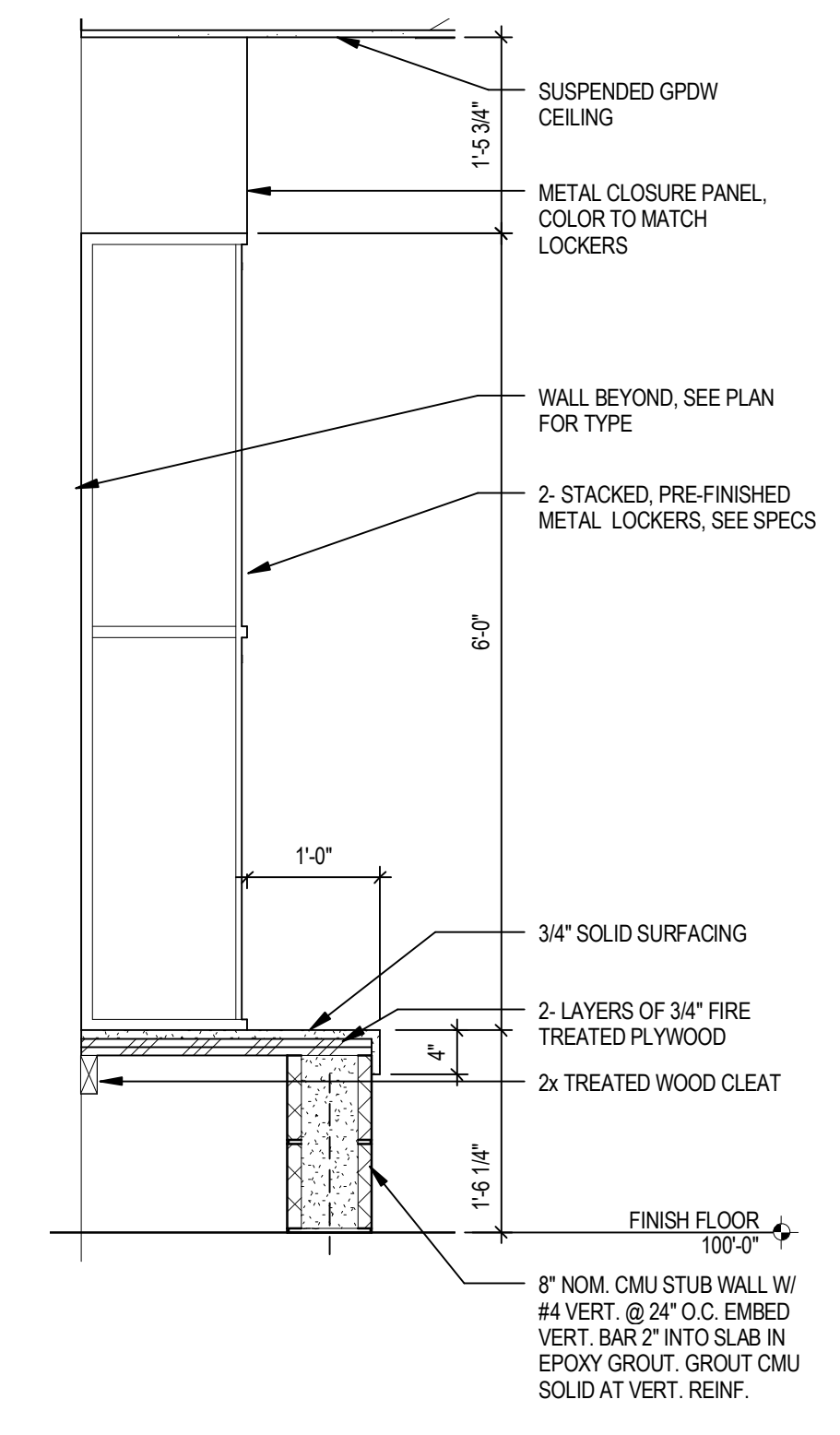
1 LOCKER A17A
SCALE: 1/4" = 1'-0"



2 LOCKER A17A
SCALE: 1/4" = 1'-0"



3 RESTROOM A16/A17
SCALE: 1/4" = 1'-0"



4 METAL LOCKER SECTION
SCALE: 3/4" = 1'-0"

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR		BASE		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		REMARKS	ROOM NO.	
		MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.			
A11	DATA	EXTG.	EXTG.	EXTG.	EXTG.	EXTG.	EXTG.	EXTG.	EXTG.	EXTG.	EXTG.	EXTG.	EXTG.	EXTG.	9'-8"	5	A11	
A12	AIR LOCK	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A12	
A13	QUAR. AIR LOCK	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A13	
A13A	QUARANTINE	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A13A	
A13B	QUARANTINE	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A13B	
A14	JAN.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A14	
A15A	CORRIDOR	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A15A	
A15B	CORRIDOR	CONC	VCT-1	RB-1	-	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	APC-2	-	9'-0"	A15B	
A15C	VEST.	CONC	VCT-1	RB-1	-	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A15C	
A16	WOMEN	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	3	A16
A16A	WOMEN'S LOC.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A16A	
A16B	WOMEN'S SHOWER	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	2	A16B
A16C	AIR LOCK	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A16C	
A17	MEN	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	3	A17
A17A	MENS LOC.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A17A	
A17B	MENS SHOWER	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	2	A17B
A17C	AIR LOCK	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A17C	
A18A	LAUNDRY	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A18A	
A18B	STO.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	APC-1	-	9'-0"	A18B	
A19	AIR LOCK	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A19	
A20A	CORRIDOR	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A20A	
A20B	CORRIDOR	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A20B	
A20C	CORRIDOR	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A20C	
A20D	CORRIDOR	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A20D	
A21	PROCEDURE / SURGERY	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A21	
A22	ANTE ROOM	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A22	
A22A	HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A22A	
A22B	PROC.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A22B	
A22C	HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A22C	
A22D	PROC.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A22D	
A23	ANIMAL IMAGING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A23	
A24	ANTE ROOM	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A24	
A24A	HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A24A	
A24B	PROC.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A24B	
A24C	HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A24C	
A24D	PROC.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A24D	
A25	ANTE ROOM	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A25	
A25A	HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A25A	
A25B	PROC.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A25B	
A25C	HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A25C	
A27	STO.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A27	
A28	JAN.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A28	
A29	STO.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A29	
A30	STO.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A30	
A31	ANTE ROOM	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A31	
A31A	HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A31A	
A31B	PROC.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A31B	
A31C	HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A31C	
A32	ANTE ROOM	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A32	
A32A	HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A32A	
A32B	PROC.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A32B	
A32C	HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A32C	
A32D	PROC.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A32D	
A32E	HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A32E	
A32F	PROC.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A32F	
A33	AIR LOCK	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A33	
A33A	WORK AREA	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A33A	
A33B	TRANS. MANIP.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A33B	
A33C	PROC.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A33C	
A33D	ISOLATED HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A33D	
A33E	ANIMAL HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A33E	
A33F	AIR LOCK	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A33F	
A34	ANTE ROOM	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A34	
A34A	HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A34A	
A34B	PROC.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A34B	
A34C	HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A34C	
A34D	PROC.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A34D	
A34E	HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A34E	
A34F	PROC.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A34F	
A35	CLEAN CAGE WASHING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A35	
A35A	FEED & BEDDING STORAGE	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A35A	
A35B	ANTE ROOM	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A35B	
A36	STO.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A36	
A37	DIRTY CAGE WASHING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A37	
A37B	SERV.	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A37B	
A37C	ANTE ROOM	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A37C	
A37D	WASTE HOLDING	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	A37D	
A37E	WASH/DOWN	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	GPDW	PT-2	9'-0"	1	A37E
A39	STAR	CONC	CONC	CMU	CONC	CMU	-	CMU	-	CMU	-	CMU	-	-	-	13'-11"	4	A39
A59	CORRIDOR	CONC	RF-1	REB	RF-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	CMU	PT-1	-	-	12'-8"	4	A59
A200	CORRIDOR	CONC	CONC	CMU	CONC	CMU	-	CMU	-	CMU	-	CMU	-	-	-	13'-8"	4	A200
A201	MECHANICAL	CONC	CONC	CMU	CONC	CMU	-	CMU	-	CMU	-	CMU	-	-	-	13'-8"		