

ADDENDUM #2

Project Name:
Newton Correctional IPI Homes for Iowa Phase II
A/E Project # 02401959.001
DAS# 9239.02 & 9239.03
RFB 923902-01
Addendum #2
Dated: August 20, 2025

This Addendum forms a part of the bidding and contract documents. This Addendum supersedes and supplements all portions of the original bidding and contract documents dated July 18, 2025 with which it conflicts.

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED ON THE BID FORM. FAILURE TO DO SO MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

1. CLARIFICATIONS

- A. No items.

2. PLANS

- A. No items.

3. SPECIFICATIONS

- A. No items.

4. QUESTIONS AND CLARIFICATIONS

- A. Engineering needs to be done or at least researched. A> *All information provided regarding the framing is meant to be a starting point for the engineered design of the building. The contractor shall employ an engineer to finalize the design of the building. The other designed elements of the building shall be adjusted to coordinate with the official design.*
- B. Truss and post spacing is going to have be 4' oc due to sprinkler system 2ply truss 4'oc and 5 ply 2x8 post 4' oc Engineered specs required this. A> *Specifications provide guidelines. The final design is provided by the contractor's engineer. All other elements will be coordinated when the final design is provided and approved.*
- C. Gable end post showing 20'. Max 8' on 3ply 2x8 gable post. A> *The spacing noted can be adjusted to coordinate with the final engineered design as provided by the contractor's engineer of record.*
- D. Shows 4 /12 but due to the 100' wide we need to be 3/12 pitch so not so wide to haul down road. A> *A 4:12 pitch is preferred but a 3:12 pitch is acceptable.*

- E. Steel beam required for headers over doors No LVL will spec. it out. A> *If an LVL is not sufficient for the openings, coordination will be provided by our Structural Engineer to add steel framing to the project.*
- F. Engineers would really like it spray foamed (R20) since no ceiling is installed so we don't have the bracing affect (Spray foam really braces a building). A> *The provision of Spray Foam insulation is allowed as a Contractor's Option. If Spray Foam is used, the provision of an intumescent coating is required.*
- G. We will bid project with fan fold on roof then spray foam underneath, and did some fast math, with labor spray foam will be cheaper, then the way you are showing due to the specs like steel frame it's not as easy in wood frame. A> *The provision of an insulation system other than what is designed is acceptable as long as it meets the IECC requirements and others noted in Addendum 01.*

5. SUBSTITUTION REQUESTS

- A. No items.

6. ATTACHMENTS

- A. Farnsworth Group Addendum #002, Dated August 20, 2025, Contents: Addendum (5 pages) with attachments of 1 specification [Section 07 2100 Thermal Insulation (3 pages) and Drawings (20 pages)].

END OF ADDENDUM

Addendum Number: 002

Addendum Issue Date: August 20, 2025

Owner: State of Iowa

Project Name: Newton CF IPI Homes for Iowa Phase II

A/E Project Number: 02401959.001

Owner Project No.: 9239.02 & 9239.03

Owner Request for Bid RFB 923902-01

Containing: 5 Pages; 0 Documents; 20 Drawings; 1 Specifications

*This addendum amends the drawings and specifications of the above reference project and is hereby incorporated into the contract documents as part thereof. Bidders must acknowledge receipt of this Addendum in the space provided on the Bid Form. **FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.***

General:

- Item No. 1 To accommodate the attachment of the gypsum board ceiling, provide a minimum of 1x3 furring on the underside of the roof trusses in rooms 101, 102, 103, 104 and 105.
- Item No. 2 Access panel locations shown for reference. Verify access panels are not restricted by HVAC ductwork, plumb piping, or electrical conduit prior to installation.

Specifications:

Section 03 30 00 – Cast-In-Place Concrete

- Item No. 3 Reference Article 2.2.
Add paragraph E to read as follows:
“E. Void Forms: Biodegradable paper surface, treated for moisture resistance, structurally sufficient to support weight of plastic concrete and other superimposed loads.”
- Item No. 4 Reference Article 2.8 Paragraph C.
Revise paragraph C to read as follows:
“C. Below Slab and Foundation Wall Insulation: Thickness 2 inch: Extruded-Polystyrene (XPS) Board Insulation, ASTM C 578, Type VII, R-5.0 def F x h x sq. ft./Btu x in. at 40 def F. Allowable bearing capacity of 2,000 pounds per square feet per ASTM C 578 compressive strength at 10 percent deformation.
1. Acceptable Manufacturers:
 - a. DOW Chemical Co.; Styrofoam SM Brand Insulation; www.dowstyrofoam.com
 - b. Owens Corning; Formular 250; www.owenscorning.com
 - c. Minnesota Diversified Industries; Certifoam; www.mdi.org
 - d. Substitutions per section 01 60 00 Product Requirements.
 2. Adhesive: As recommended by manufacturer of insulation for use with their board.

Section 07 21 00 – Thermal Insulation

Item No. 5 Add Section in its entirety to the contract documents.

Section 13 34 00 – Engineered Post Frame Structures.

Item No. 6 Reference Article 2.5 – Materials – Prefinished Materials.

Add Paragraph H with the following text:

3. Snow Guards: Continuous snow guard; manufacturer's standard pipe, bar, channel, or solid rod, set in brackets or posts, with optional plates and metal trim to match roof.
 - a. Distance from Eaves: 18 inches maximum.
 - b. Brackets: Aluminum.
 - c. Pipe or Square Tube: Aluminum, mill finish.
 - d. Snow Dams: Inhibits ability of snow and ice to slide under the guard. Provide one dam between every roof panel seam.
4. Basis of Design: D-F Dyna-Guard Snow Retention System as manufactured by Dynamic Fastener: www.dynamicfastener.com.
 - a. Other Acceptable Manufacturers:
 - 1) Alpine Snow Guards: www.alpinesnowguards.com.
 - 2) Berger Building Products: www.bergerbp.com.
 - 3) LMCurbs: www.lmcuibs.com.
 - 4) Metal Roof Innovations, Ltd. S-5! Attachment Solutions; ColorGard: www.s-5.com.
 - 5) Rocky Mountain Snow Guards, Inc: www.rockymountainsnowguards.com.

Section 26 09 23 – Lighting Control Devices

Item No. 7 Reference Article 2.02, Paragraph A, Manufacturers.

Delete sub-paragraph 6.

Creston is no longer an approved manufacturer for this equipment.

Drawings:

Civil

All Sheets

Item No. 8 Added in Darkened Boundary Line, Drawn per Jasper County GIS.

Sheet C1.1 – Ex. Conditions & Demo

Item No. 9 Corrected Finished Floor Elevation on Existing Building.

Sheet C1.2 – Ex. Conditions & Demo

Item No. 10 Added Protection Callout for Existing Sign.

Sheet C2.0 – Project Limits Sheet

Item No. 11 Darkened Proposed Electric Lines.

Item No. 12 Added additional Project Notes

Sheet C2.2 – Layout Plan

Item No. 13 Added Gravel Apron Around Proposed Hydrant and Rotated Hydrant Label to proper direction.

Sheet 3.1 – Grading Plan

- Item No. 14 Minor Grade revisions to widen Propose Swale, Grading around existing power pole to avoid conflicts and tied into existing contours more uniformly.

Sheet 3.2 – Grading Plan

- Item No. 15 Minor Grade changes around building and revised spot grades to reflect Base Bid and Alt #1 Options.

- Item No. 16 Minor Grade changes on eastern swale to capture more flow coming from the East.

- Item No. 17 New Viewport Added to show existing grades over new Sanitary Sewer route.

Sheet 4.2 – Utility Plan

- Item No. 18 Rerouting of Proposed Sanitary Line and Elimination of Old Route. Callouts Added for critical Crossing and Interpolated inverts of Existing Sanitary Line for New Connection.

Sheet 6.1 – Details Sheet

- Item No. 19 Added Detail for SW-303 Manhole to be placed over existing 8" Sanitary Line for new Connection.

Architectural

Sheet A2.1 – Roof Plan – Base Bid

- Item No. 20 Reference Details 1.
Modify all such snow guard notes to read as follows:
"PRE-FINISHED METAL ROOF SNOW GUARDS - CONTINUOUS – SEE SECTION 13 34 00 FOR ADDITIONAL INFORMATION - SEE DETAIL 7/A2.3"

Sheet A2.2 – Roof Plan – Alternate No. 1

- Item No. 21 Reference Details 1.
Modify all such snow guard notes to read as follows:
"PRE-FINISHED METAL ROOF SNOW GUARDS - CONTINUOUS – SEE SECTION 13 34 00 FOR ADDITIONAL INFORMATION - SEE DETAIL 7/A2.3"

Sheet A5.1 – Wall Sections

- Item No. 22 Reference Details 1, 2, 3 and 4.
Modify details as noted in the attachment.

Sheet A5.2 – Wall Sections

- Item No. 23 Reference Details 1, 2 and 3.
Modify details as noted in the attachment.

Sheet A7.1 – Partition Types

- Item No. 24 Reference Details 1, 2 and 3.
Modify details as noted in the attachment.

Sheet A7.3 – Door Details

- Item No. 25 Reference Details 1, 2, 5, 6, 7, 8 and 11.
Modify details as noted in the attachment.

Mechanical**Sheet M4.1 – Floor Plan – Sheet Metal**

Item No. 26

Revise Note #9.

Concrete mounting pad for mounting MUA-1 to be provided as part of Bid Package #1 General Construction. Selected MUA-1 manufacturer to provide necessary pad dimensions, specifications, etc. for the selected unit. Reference S1.1 for further details.

Sheet M4.1A – Floor Plan – Alternate No. 1 – Sheet Metal

Item No. 27

Revise Note #9.

Concrete mounting pad for mounting MUA-1 to be provided as part of Bid Package #1 General Construction. Selected MUA-1 manufacturer to provide necessary pad dimensions, specifications, etc. for the selected unit. Reference S1.1 for further details.

Electrical**Drawing E6.1 – Light Fixture Schedule**

Item No. 28

Revise light fixture L4 model number to read “CPHB-12000LM-SEF-GCL-WD-MVOLT-GZ10-40K-80CRI-WH-IBAC120M100-CS3WIMP” to remove the motion sensor feature. Motion sensor shall not be provided.

Item No. 29

Revise light fixture L4E model number to read “CPHB-12000LM-SEF-GCL-WD-MVOLT-GZ10-40K-80CRI-E15WMCP-DWH-IBAC120M100-CS3WIMP” to remove the motion sensor. Motion sensor shall not be provided.

Product Pre-Approvals:

Item No. 30

The following manufacturers shall be substituted as equal to the named Base Bid manufacturer(s) specified. Approval is contingent upon manufacturers fulfilling all specification requirements, tangible and intangible, set forth in the Drawings and Project Manual. Mechanical and Electrical Contractors shall verify that pre-approved vendors meet specifications and installation requirements based upon the project's available space. This approval does not waive any requirements or conditions of the Contract Documents for any material, system or manufacturer.

Section	Item	Approved Equal
23 09 13	Instrument and Control Devices	Honeywell
23 34 23	HVAC Power Ventilators	Air-Row
23 34 23	HVAC Power Ventilators	CaptiveAire
23 34 23	HVAC Power Ventilators	Thermotek
23 74 33	Dedicated Outdoor Air Units	Rapid Engineering
23 74 33	Dedicated Outdoor Air Units	CaptiveAire
23 74 33	Dedicated Outdoor Air Units	Thermotek
26 51 00	Light Fixture E1	Isolite BUG Series
26 51 00	Light Fixture E2	Isolite OLLO Series
26 51 00	Light Fixture E3	Isolite OLLOR Series
26 51 00	Light Fixture L1	Metalux SNX Series, Lithonia CSS Series, DayBrite FHG Series
26 51 00	Light Fixture L4 & L4E	Metalux SPHB Series
26 51 00	Light Fixture X1	Evenlite TLX Series, Isolite RL Series, Lithonia EXRG Series

Farnsworth Group, Inc.

Addendum

Page 5 of 5

Bids are Due: August 27, 2025 / 2:00 PM local time *on the IMPACS Electronic Procurement System.*

END OF ADDENDUM 002

Issued By:



FARNSWORTH GROUP, INC.

Leona J. Sears, AIA

Senior Project Architect

Attachments:

Specifications: Section 07 21 00 – Thermal Insulation

Drawings Dated 08/20/2025:

- Sheet C0.1 – Civil Cover Sheet
- Sheet C1.1 – Ex. Conditions & Demo
- Sheet C1.2 – Ex. Conditions & Demo
- Sheet C2.0 – Project Limits Sheet
- Sheet C2.1 – Layout Plan
- Sheet C2.2 – Layout Plan
- Sheet C3.1 – Grading Plan
- Sheet C3.2 – Grading Plan
- Sheet C4.1 – Utility Plan
- Sheet C4.2 – Utility Plan
- Sheet C5.1 – Seeding Plan
- Sheet C6.1 – Details Sheet
- Sheet C7.1 – Erosion Control Sheet
- Sheet C7.2 – Erosion Control Sheet
- Sheet A5.1 – Wall Sections
- Sheet A5.2 – Wall Sections
- Sheet A7.1 – Partition Types
- Sheet A7.3 – Door Details
- Sheet M4.1 – Floor Plan – Sheet Metal
- Sheet M4.1A – Floor Plan – Alternate No. 1 – Sheet Metal

SECTION 07 21 00

THERMAL INSULATION

RFB #923902-01

PART 1 - GENERAL

1.1 WORK INCLUDED

- A. Clean surfaces to receive insulation.
- B. Rigid insulation as required, to provide thermal for building elements and space.

1.2 RELATED WORK

- A. Section 03 30 00 – Cast-in-Place Concrete.
- B. Section 09 29 00 – Gypsum Board Assemblies.

1.3 REFERENCE STANDARDS

- A. ANSI/ASTM C272 - Water Absorption of Rigid Cellular Plastics.
- B. ASTM C578 - Preformed Cellular Polystyrene Thermal Insulation.
- C. ASTM E96 - Test Methods for Water Vapor Transmission of Materials.
- D. ASTM C665 – Standard Specifications for Mineral – Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing, 2001.

PART 2 - PRODUCTS

2.1 INSULATION MATERIALS

- A. Perimeter Foundation Insulation, thickness 2 inch: Extruded-Polystyrene (XPS) Board Insulation, ASTM C 578, Type VII, R-5.0 def F x h x sq. ft./Btu x in. at 40 deg F. Allowable bearing capacity of 2,000 pounds per square feet per ASTM C578 compressive strength at 10 percent deformation.
 - 1. Acceptable Manufacturers:
 - a. DOW Chemical Co.; Styrofoam SM Brand Insulation; www.dowstyrofoam.com
 - b. Owens Corning; Foamular 250; www.owenscorning.com
 - c. Minnesota Diversified Industries; Certifoam; www.mdi.org
 - d. Substitutions per section 01 60 00 Product Requirements.
- B. Adhesive: As recommended by manufacturer of insulation for use with their board.

2.2 INSULATION BOARD ADHESIVE

- A. General: Provide preformed roof insulation boards manufactured or approved by the PVC membrane roofing manufacturer, selected from manufacturer's standard sizes suitable for application and of thicknesses indicated and which obtain FM approval.
- B. Insulation Board Adhesive:
 - 1. Sarnacol 2163 Adhesive: A low odor, VOC compliant, one step, low-rise urethane foam used to attach insulation to approved compatible substrates. Adhesive is applied with a gravity fed applicator or by hand with a dual component caulk gun. Additional adhesive may be required for rougher surfaces. Consult Product Data Sheets for additional information.
 - 2. Sarnacol 2164 Adhesive: A low odor, VOC compliant, single component, low-rise urethane foam used to attach insulation to approved compatible substrates. Consult Product Data Sheets for additional information. Application rates are as follows:

SARNACOL LR-2001 APPLICATION RATES FOR INSULATION		
	Approximate Square feet (<i>Meter</i> ²) per Drum Set	
	50 Gallons (189.27 liter) Set	15 Gallons (56.78 liter) Set
Wood	8,500 - 9,000 (789.68 - 836.13)	2,500 - 2,700 (232.26 - 250.84)
Concrete	8,500 - 9,000 (789.68 - 836.13)	2,500 - 2,700 (232.26 - 250.84)
Smooth Gypsum Plank	8,500 - 9,000 (789.68 - 836.13)	2,500 - 2,700 (232.26 - 250.84)
Cellular Concrete (consult Technical Dept.)	8,500 - 9,000 (789.68 - 836.13)	2,500 - 2,700 (232.26 - 250.84)
Cementitious Wood Fiber	7,500 - 8,000 (696.77 - 743.22)	2,250 - 2,400 (209.03 - 222.97)
Isocyanurate Paper Facer	8,500 - 9,000 (789.68 - 836.13)	2,500 - 2,700 (232.26 - 250.84)
Mineral Cap Sheet	8,500 - 9,000 (789.68 - 836.13)	2,500 - 2,700 (232.26 - 250.84)
Gravel B.U.R.	5,000 - 7,000 (464.52 - 650.32)	1,500 - 2,100 (139.35 - 195.10)
Smooth B.U.R./Mod. Bit.	8,500 - 9,000 (789.68 - 836.13)	2,500 - 2,700 (232.26 - 250.84)

3. Olympic Olybond500 Adhesive: A two component (Part A and B) low-rise polyurethane foam used to attach insulation to approved compatible substrates. Adhesive is applied with a pace cart in bands 12 inches on center.
4. Millennium Weather-Tite Adhesive: A one step low-rise polyurethane foam used to attach insulation to approved compatible substrates. Adhesive is applied with a gravity fed applicator or by hand with a dual component caulk gun in bands 12 inches on center.

2.3 INSULATION PROTECTION SYSTEM FOR EXPOSED INSULATION

- A. Material: PVC intended for this application.
- B. Configuration: Designed to provide 13-3/4 inches of protection for 2" insulation. Top return is 2-3/16 inches with vertical flange extending another 3 inches.
- C. Color as selected from manufacturer's standards.
- D. Provide factory-made inside and outside corners.
- E. Manufacturer:
 1. Basis of Design: EnergyFlash 217 by EnergyEdge, LLC: www.EEForm.com.
 2. Substitutions: See Section 01 60 00 - Product Requirements.

PART 3 - EXECUTION

3.1 WORKMANSHIP

- A. Install rigid insulation to maintain continuous and complete thermal vapor protection for building spaces and elements.
- B. Ensure surfaces, which are to receive rigid insulation, are clean, free of deleterious matter, and are sufficiently level to allow proper installation of insulation.
- C. Cut and trim insulation neatly to fit spaces. Butt edges and ends tight. Fit insulation tight against mechanical, electrical, and other items which protrude through plane of insulation. Seal around cutouts with adhesive.
- D. Use insulation free of broken or chipped edges.

3.3 FOUNDATION INSTALLATION, EXTERIOR

- A. Firmly press the insulation board against the face of the concrete stem wall, attaching with approved adhesive. Place insulation with long dimension horizontal. Butt board joints tightly. Cut and shape insulation to fit around openings and to accommodate conduit or other services within the cavity.

- B. Cover installed insulation where exposed along the concrete stem wall with PVC protection material. Extend material a minimum of 4 inches below grade or as recommended by manufacturer, whichever is the greater distance of the two.

3.4 PROTECTION OF FINISHED WORK

- A. Do not permit Work to be damaged prior to covering insulation.

3.5 SCHEDULE

- A. Foundation Wall Insulation: Perimeter walls.
- B. Miscellaneous voids created during the construction process.

END OF SECTION

NEWTON CORRECTIONAL FACILITY IOWA PRISON INDUSTRIES

PHASE II DESIGN

SHEET INDEX:

C0.1	COVER SHEET
C1.1 & 1.2	EXISTING CONDITIONS & DEMO PLAN
C2.0	PROJECT LIMITS SHEET
C2.1 & 2.2	LAYOUT PLAN
C3.1 & 3.2	GRADING & UTILITY PLAN
C4.1 & 4.2	UTILITY PLAN
C5.1	SEEDING PLAN
C6.1	DETAILS SHEET
C7.1 & 7.2	EROSION CONTROL SHEETS

PROPERTY DESCRIPTION:

THE NORTHEAST QUARTER OF SECTION 28, TOWNSHIP 79 NORTH, RANGE 19 WEST OF THE 5TH P.M., JASPER COUNTY, IOWA EXCEPT STREET AND EXCEPT APPROXIMATELY 1.0 ACRES IN THE NORTHEAST CORNER DEEDED TO THE CENTRAL IOWA WATER ASSOCIATION IN PATENT RECORDED AS INSTRUMENT # 04-01346.

ADDRESS:

803 S 60TH AVE W
NEWTON, IA 50208

OWNER/PREPARED FOR:

STATE OF IOWA
1007 EAST GRAND AVE
DES MOINES, IA 50319

ZONING:

CLASS: A (AGRICULTURAL)
PER JASPER COUNTY ASSESSOR PAGE

BENCHMARK:

POINT: #9000, MAG NAIL
NORTHING = 594215.79
EASTING = 1758735.35
ELEVATION = 776.85
DESCRIPTION: LOCATED ON THE SE CORNER OF THE INTERSECTION BETWEEN SW 60TH AVE AND THE PUBLIC ACCESS ROAD ON WHICH THE PROPERTY LIES

POINT: #9001, MAG NAIL
NORTHING = 592965.48
EASTING = 1759082.31
ELEVATION = 779.68
DESCRIPTION: LOCATED ON THE EAST SIDE OF THE PUBLIC ACCESS ROAD TOWARDS THE SOUTHERN END OF THE PROPERTY

GENERAL NOTES:

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH SUDAS STANDARD SPECIFICATIONS AND ANY AND ALL STATE FIRE MARSHAL SUPPLEMENTAL SPECIFICATIONS. THE STATE FIRE MARSHALL & CORRECTIONS FACILITY MUST BE NOTIFIED BY ALL CONTRACTORS 72 HOURS PRIOR TO COMMENCING WORK.
- IN EVENT OF A DISCREPANCY BETWEEN THE QUANTITY ESTIMATES AND THE DETAILED PLANS, THE DETAILED PLANS SHALL GOVERN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES. ANY DAMAGE TO SAID UTILITIES SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT O.S.H.A. CODES AND STANDARDS. NOTHING INDICATED ON THESE PLANS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH THE APPROPRIATE SAFETY REGULATIONS.
- ALL NECESSARY CONSTRUCTION SIGNS, BARRICADES AND OTHER TRAFFIC CONTROL DEVICES REQUIRED DURING CONSTRUCTION WILL BE FURNISHED BY THE CONTRACTOR. SIGNS, BARRICADES AND OTHER TRAFFIC CONTROL DEVICES MUST BE IN CONFORMANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS."
- BISHOP ENGINEERING SHALL NOT BE LIABLE FOR ANY INJURIES THAT HAPPEN ON SITE. THIS SHALL INCLUDE BUT NOT BE LIMITED TO TRENCH COLLAPSES FROM VARYING SOIL CONDITIONS OR INJURIES CAUSED BY UNDERGROUND UTILITIES INCLUDING UTILITIES THAT ARE NOT SHOWN ON PLAN.
- THE CONTRACTOR IS LIABLE FOR ALL DAMAGES TO PUBLIC OR PRIVATE PROPERTY CAUSED BY THEIR ACTION OR INACTION IN PROVIDING FOR STORM WATER FLOW DURING CONSTRUCTION. DO NOT RESTRICT FLOWS IN EXISTING DRAINAGE CHANNELS, STORM SEWER, OR FACILITIES.
- THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A SCHEDULE FOR PERFORMANCE OF WORK ITEMS. THIS SCHEDULE SHALL BE PROVIDED BY THE CONTRACTOR AT THE PROJECT PRECONSTRUCTION CONFERENCE. NO WORK SHALL BEGIN UNTIL A SCHEDULE HAS BEEN SUBMITTED AND ACCEPTED. THE CONTRACTOR SHALL THEN PERFORM WORK TO CONFORM TO THE ACCEPTED SCHEDULE.
- LABORATORY TESTS SHALL BE PERFORMED BY THE OWNER UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE SAMPLES OF MATERIAL REQUIRED FOR LABORATORY TESTS AND TESTING IN ACCORDANCE WITH THE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS.
- SOIL IMPORT OR EXPORT ON THIS PROJECT SHALL BE CONSIDERED INCIDENTAL AND WILL NOT BE MEASURED OR PAID FOR SEPARATELY.
- THE CONTRACTOR SHALL PROTECT ALL STRUCTURES NOT SHOWN AS REMOVALS ON THE PLANS.
- THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS PRIOR TO ANY CONSTRUCTION. CONTRACTOR SHALL WORK WITH OWNER OR OWNERS REPRESENTATIVE ON ALL REQUIRED STORM WATER DISCHARGE PERMITS FROM THE IOWA DEPARTMENT OF NATURAL RESOURCES.
- GRADING AND EROSION CONTROL SHALL BE DONE IN ACCORDANCE WITH THE APPROVED GRADING PLAN, SWPPP, NPDES DOCUMENTS, AND IOWA DEPARTMENT OF NATURAL RESOURCES REQUIREMENTS.
- THE CONTRACTOR SHALL PICK UP ANY DEBRIS SPILLED ONTO THE ADJACENT RIGHT OF WAY OR ABUTTING PROPERTIES AS THE RESULT OF CONSTRUCTION, AT THE END OF EACH WORK DAY.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROMPT REMOVAL OF ALL MUD THAT HAS BEEN TRACKED OR WASHED UNTO ADJACENT PROPERTY OR RIGHT OF WAY UNTIL SUCH TIME THAT PERMANENT VEGETATION HAS BEEN ESTABLISHED.
- DISPOSE OF ALL EXCESS MATERIALS AND TRASH IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS. PROVIDE WASTE AREAS OR DISPOSAL SITES FOR EXCESS MATERIALS NOT DESIRABLE FOR INCORPORATION INTO THE PROJECT.

PAVING NOTES:

- THE PAVING/ GRADING CONTRACTOR SHALL BACKFILL THE PAVING SLAB AND FINE GRADE THE RIGHT OF WAY AS SOON AFTER THE PAVING AS POSSIBLE. ALL AREAS SHALL BE SEEDED IN ACCORDANCE WITH CITY OF NEWTON STANDARD SPECIFICATIONS AND THE CURRENT VERSION OF SUDAS.
- SUBGRADE PREPARATION AND PAVEMENTS WILL BE CONSTRUCTED FOLLOWING RECOMMENDATIONS IN THE SOILS REPORT. APPROVED SOILS ENGINEER MUST SIGN OFF ON SUBBASE PRIOR TO ANY PAVEMENT BEING PLACED.
- SEE DETAILS FOR ALL PAVEMENT THICKNESS.
- ALL PEDESTRIAN WALKWAYS THAT UNLOAD INTO A VEHICLES TRAVELED PATH MUST HAVE A.D.A. DETECTABLE WARNING PANEL(S) AS PER A.D.A. REGULATIONS. PANEL TYPE & COLOR SHALL BE PER CITY STANDARD.
- ALL WALKS, PARKING LOTS, HANDICAP PARKING, RAMPS, ETC. SHALL COMPLY WITH ALL A.D.A. AND CITY CODES. HANDICAP PARKING SIGNAGE IS REQUIRED FOR ALL HANDICAP STALLS AND SHALL BE CONSIDERED INCIDENTAL. IN EVENT OF A DISCREPANCY BETWEEN THE PLANS AND THE A.D.A./CITY CODES THE A.D.A./CITY CODES SHALL GOVERN. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING A.D.A. CODES ARE MET.

UTILITY NOTES:

- QUANTITY CALLOUTS ON PIPE LENGTHS ARE APPROXIMATE AND SHOULD BE USED FOR REFERENCE ONLY.
- THE CONTRACTOR SHALL PROVIDE AS-BUILTS OF ALL UTILITIES, INCLUDING DEPTH AND LOCATION OF ALL SERVICES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND ALL COSTS ASSOCIATED WITH AS-BUILT TOPO OF DETENTION POND & DETENTION POND STORM SEWER. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING BISHOP ENGINEERING (AT 515-276-0467) TO PERFORM SAID AS-BUILT SURVEY. IF DETENTION PONDS HAVE BEEN GRADED INCORRECTLY, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUBSEQUENT AS-BUILT TOPO SURVEYS UNTIL ISSUES HAVE BEEN RECTIFIED.
- THE CONTRACTOR SHALL COORDINATE THE ADJUSTMENT OF ANY AND ALL EXISTING AND PROPOSED UTILITIES TO PROPOSED GRADES. EXISTING UTILITIES SHALL BE RAISED OR LOWERED IN ACCORDANCE WITH THE UTILITY OWNER REQUIREMENTS. ANY NECESSARY ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- ACTIVE EXISTING FIELD TILES ENCOUNTERED DURING CONSTRUCTION SHALL BE REPAIRED, REROUTED, OR CONNECTED TO PUBLIC OR PRIVATE STORM SEWER TO REMAIN IN SERVICE.
- ALL PROPOSED RCP STORM SEWER PIPE JOINTS SHALL BE FABRIC WRAPPED AND THE LAST 3 PIPE SECTIONS ON THE APRON SHALL BE TIED WITH RF-14 TYPE II CONNECTORS. ALL APRONS SHALL HAVE A STANDARD FOOTING AND TRASH GUARD.
- ALL RIP RAP CALLED OUT ON PLANS SHALL BE UNDERLAIN WITH ENGINEERING FABRIC.
- SANITARY SEWER SERVICE CONNECTIONS SHALL BE PLACED AT A SLOPE OF NO LESS THAN 2%. SERVICES SHALL MAINTAIN 18" OF VERTICAL SEPARATION FROM THE WATERMAIN WITH 18" OF COMPACTED LOW PERMEABILITY SOIL BETWEEN THE UTILITIES WITHIN 10' OF THE CROSSING.
- MANDREL AND PRESSURE TESTS SHALL BE REQUIRED FOR ALL PROPOSED SANITARY LINES. TELEVISION OF THE SANITARY SEWER SYSTEM SHALL BE COMPLETED PRIOR TO PAVING UNLESS OTHERWISE APPROVED BY JURISDICTION.

UTILITY MAPS PROVIDED BY:

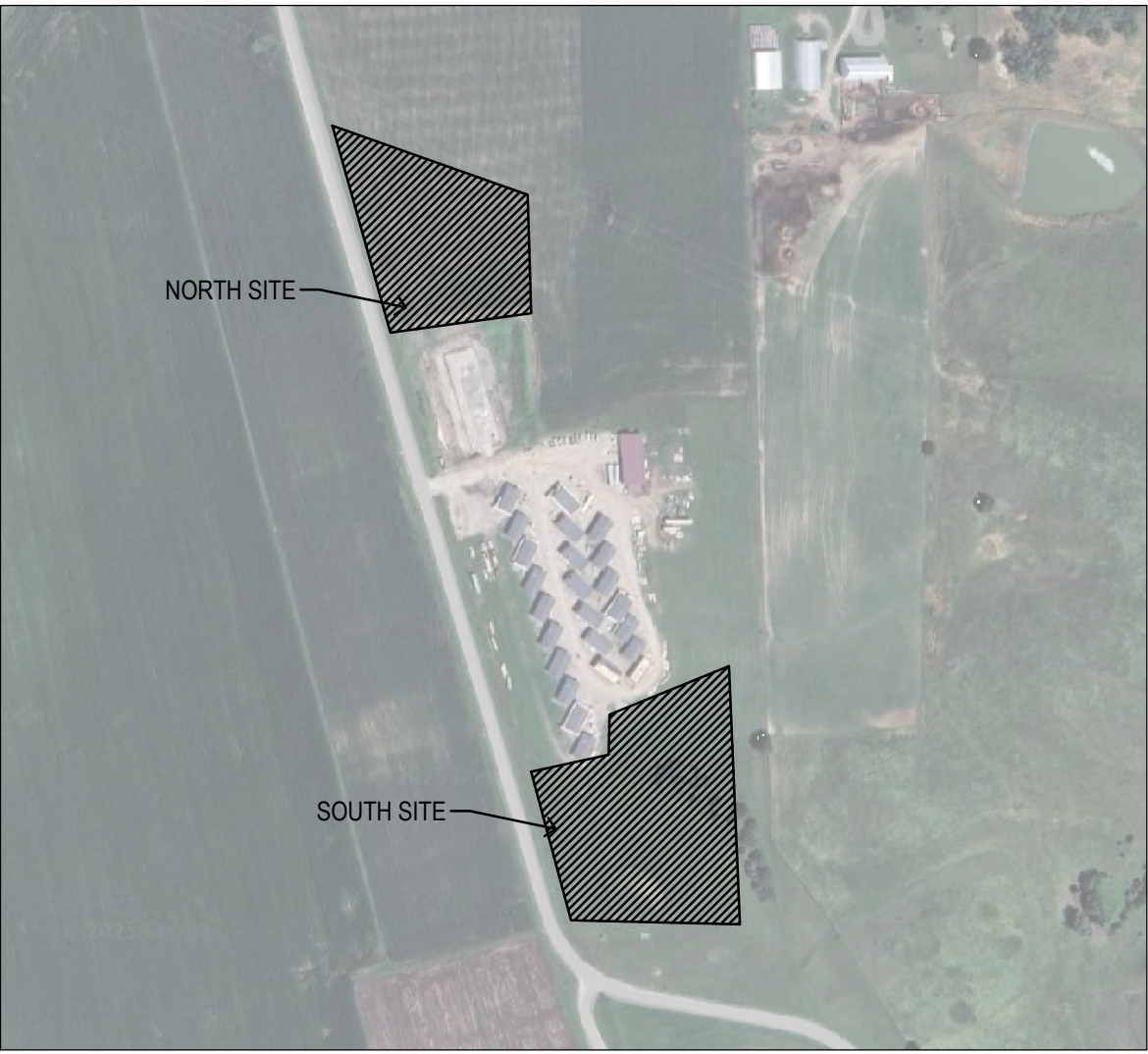
- ELECTRIC (ALLIANT ENERGY / 800-255-4288)
- STORM AND SANITARY (REF. SNYDER & ASSOC. PLANS)
- FIBER OPTIC (WINDSTREAM COMM / 800-289-1901)
- GAS (IOWA REGIONAL UTILITY ASSOC. / 641-792-7011)
- WATER (BLACK HILLS ENERGY / 515-343-2037)

UTILITY NOTE:

THE LOCATION OF THE UTILITIES INDICATED ON THE PLANS HAVE BEEN TAKEN FROM THE FIELD SURVEY, EXISTING PUBLIC RECORDS, AND PLANS PROVIDED BY OTHERS. SURFACE UTILITY LOCATIONS HAVE BEEN FIELD LOCATED BY BISHOP ENGINEERING, UNLESS OTHERWISE NOTED. ALL UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE LOCATIONS ONLY. BISHOP ENGINEERING DOES NOT GUARANTEE THE UNDERGROUND LOCATION OF ANY UTILITIES SHOWN. IT SHALL BE THE DUTY OF THE CONTRACTOR TO DETERMINE THE LOCATION AND DEPTH OF ANY UNDERGROUND UTILITIES SHOWN AND IF ANY ADDITIONAL UTILITIES, OTHER THAN THOSE SHOWN ON THE PLANS, MAY BE PRESENT, A REQUEST WAS MADE TO IOWA ONE CALL FOR UTILITY PROVIDERS TO VERIFY, LOCATE, AND MARK THEIR UTILITIES IN THE FIELD.



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VICINITY MAP
SCALE: 1" = 400'

UTILITY CONFLICT NOTES:

- UTILITY CONFLICTS MAY EXIST ACROSS THE SITE WITH NEW UTILITIES, GRADING, PAVING ETC. MOST UTILITY CONFLICTS HAVE BEEN CALLED OUT FOR CONTRACTOR CONVENIENCE.
- CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY CONFLICTS THAT ARE EITHER CALLED OUT ON THE PLANS OR THAT CAN BE SEEN ON THE PLANS BETWEEN AN EXISTING UTILITY AND PROPOSED CONSTRUCTION

WETLAND NOTES:

- BISHOP ENGINEERING DOES NOT PERFORM WETLAND STUDIES OR WETLAND MITIGATION. IT IS THE OWNER'S RESPONSIBILITY TO DETERMINE IF ANY WETLANDS ARE LOCATED ON THE PROJECT SITE AND PERFORM ANY NECESSARY MITIGATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

SURVEY NOTES:

- SURVEY WORK WAS COMPLETED BY BISHOP ENGINEERING ON 02-11-20. SEE SITE SURVEY PROVIDED AS PART OF THIS SET OF PLANS FOR EXISTING SITE CONDITIONS AND BOUNDARY INFORMATION.

GEOTECHNICAL REPORT:

- REFERENCE ALLENDER BUTZKE ENGINEERS INC. SOILS REPORT (PROJECT NO. 251210) FOR ADDITIONAL SOILS INFORMATION INCLUDING BUT NOT LIMITED TO SUBGRADE INFORMATION, FOOTING DESIGN, AND ANY POSSIBLE OVER EXCAVATION DUE TO POOR SOILS. PAVEMENT SECTIONS ON THE PLANS GOVERN OVER PAVEMENT THICKNESS IN THE SOILS REPORT.
- THE RECOMMENDED DESIGN AND SPECIFICATIONS HAVE BEEN APPROVED BY THE OWNER.
- ANY RECOMMENDATIONS MADE BY THE OWNER'S SELECTED GEOTECHNICAL FIRM SHALL GOVERN.

SPECIFICATIONS NOTES:

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NEWTON CORRECTIONAL FACILITY PROJECT SPECIFICATIONS, STATE FIRE MARSHAL SPECIFICATIONS AND SUDAS SPECIFICATIONS.
- FOR ANY DISCREPANCIES BETWEEN THE NEWTON CORRECTIONAL FACILITY PROJECT SPECIFICATIONS AND STATE FIRE MARSHAL REQUIREMENTS AND SPECIFICATIONS, PLUMBING CODE, AND URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENT (SUDAS 2020), STATE FIRE MARSHAL STANDARD SPECIFICATIONS SHALL GOVERN.
- FOR ALL SPECIFICATION DISCREPANCIES, PROJECT ENGINEER SHALL BE CONTACTED PRIOR TO PROCEEDING WITH CONSTRUCTION. IF ENGINEER IS NOT CONTACTED, CONTRACTOR SHALL BE RESPONSIBLE FOR ANY PROBLEMS THAT RESULT FROM SAID DISCREPANCIES.
- FOR ALL SPECIFICATION DISCREPANCIES, CONTRACTOR MUST OBTAIN WRITTEN APPROVAL FROM NEWTON CORRECTIONS FACILITY FOR ANY CHANGES TO PROPOSED SITE INFRASTRUCTURE OR GRADES PRIOR TO PROCEEDING WITH ANY CHANGES.

SECURITY NOTES:

- CONTRACTOR RESPONSIBLE FOR SECURITY OF THE SITE.
- TEMPORARY FENCES OR ANY OTHER SECURITY MEASURES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- NO SECURITY MEASURES WILL BE ELIGIBLE FOR A CHANGE ORDER AND MUST BE INCLUDED IN THE BASE BID.

STAKING NOTES:

- CONTRACTOR IS REQUIRED TO HAVE ALL STAKING DONE UNDER THE SUPERVISION OF A LICENSED LAND SURVEYOR AND IN COORDINATION WITH THE PROJECT ENGINEER.
- CONTRACTOR IS REQUIRED TO HAVE ALL STAKING DONE DIRECTLY UNDER THE CONTRACTOR BY A SINGLE COMPANY.
- STAKING DOES NOT RELIEVE CONTRACTOR OF ULTIMATE RESPONSIBILITY TO CONSTRUCT THE PROJECT PER PLAN.

EARTHWORK BALANCE NOTES:

- SOIL IMPORT OR EXPORT ON THIS PROJECT SHALL BE CONSIDERED INCIDENTAL AND WILL NOT BE MEASURED OR PAID FOR SEPARATELY. CONTRACTOR RESPONSIBLE FOR MAKING THE SITE EARTHWORK BALANCE.
- THIS INCLUDES BUT IS NOT LIMITED TO TOPSOIL, POOR SOILS AND STRUCTURAL FILL NECESSARY TO MEET PROJECT PLANS AND SPECIFICATIONS.

SPECIAL NOTES:

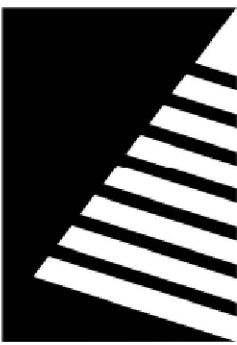
ALL INFORMATION PROVIDED IN THESE DOCUMENTS CONCERNING ANY WORK DIRECTLY ASSOCIATED WITH THE COMPLETE INSTALLATION OF THE CHAIN LINK SECURITY FENCE AND SALLY PORT IS FOR INFORMATION ONLY AND IS NOT INCLUDED IN THIS CONTRACT.

ABBREVIATIONS:

AC	ACRES
ASPH	ASPHALT
BK	BOOK
CONC	CONCRETE
D	DEEDED DISTANCE
EX	EXISTING
ENCL	ENCLOSURE
FF	FINISHED FLOOR
FL	FLOW LINE
FRAC	FRACTIONAL
M	MEASURED DISTANCE
MH	MANHOLE
OPC	ORANGE PLASTIC CAP
P	PLATTED DISTANCE
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
PRA	PREVIOUSLY RECORDED AS
PUE	PUBLIC UTILITY EASEMENT
ROW	RIGHT OF WAY
RPC	RED PLASTIC CAP
SF	SQUARE FEET
SAN	SANITARY
TYP	TYPICAL
YPC	YELLOW PLASTIC CAP
N	NORTH
S	SOUTH
E	EAST
W	WEST

LEGEND:

— SAN —	SANITARY SEWER
— ST —	STORM SEWER
— W —	WATER LINE
— G —	GAS LINE
— U/E —	UNDERGROUND ELECTRIC
— O/E —	OVERHEAD ELECTRIC
— TELE —	TELEPHONE LINE
— F/O —	FIBER OPTIC
— CATV —	CABLE TV
①	STORM MANHOLE
⌚	CURB INTAKE
⊙	SURFACE INTAKE
⌚	FLARED END SECTION
③	SANITARY MANHOLE
⊙	CLEANOUT
⌚	FIRE HYDRANT
⌚	SPRINKLER
⌚	IRRIGATION CONTROL VALVE
⊙	WATER MANHOLE
⊙	WELL
⌚	WATER VALVE
⌚	WATER SHUT OFF
⌚	YARD HYDRANT
⊙	ELECTRIC MANHOLE
⌚	ELECTRIC METER
⌚	ELECTRIC RISER
⌚	ELECTRIC VAULT
⌚	POWER POLE
⌚	TRANSFORMER POLE
☆	LIGHT POLE
⌚	ELECTRIC JUNCTION BOX
⌚	ELECTRIC PANEL
⌚	TRANSFORMER
⌚	GROUND LIGHT
⌚	GUY WIRE
⌚	ELECTRIC HANDHOLE
⌚	GAS METER
⌚	GAS VALVE
⌚	AIR CONDITIONING UNIT
⌚	TELEPHONE RISER
⌚	TELEPHONE VAULT
①	TELEPHONE MANHOLE
⊙	TRAFFIC SIGNAL MANHOLE
⊙	FIBER OPTIC MANHOLE
⌚	FIBER OPTIC RISER
⌚	FIBER OPTIC VAULT
⌚	CABLE TV RISER
—	SIGN
●	BOLLARD
⑦	DENOTES NUMBER OF PARKING STALLS
●	PROPERTY CORNER - FOUND AS NOTED
○	PROPERTY CORNER- PLACED AS NOTED
●	SECTION CORNER - FOUND AS NOTED



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2	08/20/2025	ADDENDUM #2

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07/18/2025

PROJECT:

State of Iowa

Newton Correctional Facility Iowa Prison Industries Phase II

DATE: 07/18/2025

DESIGNED: BISHOP

DRAWN: LCR

REVIEWED:

DAS NO.: 9239.02 & 9239.03

SHEET TITLE:

CIVIL COVER SHEET

SHEET NUMBER:

C0.1

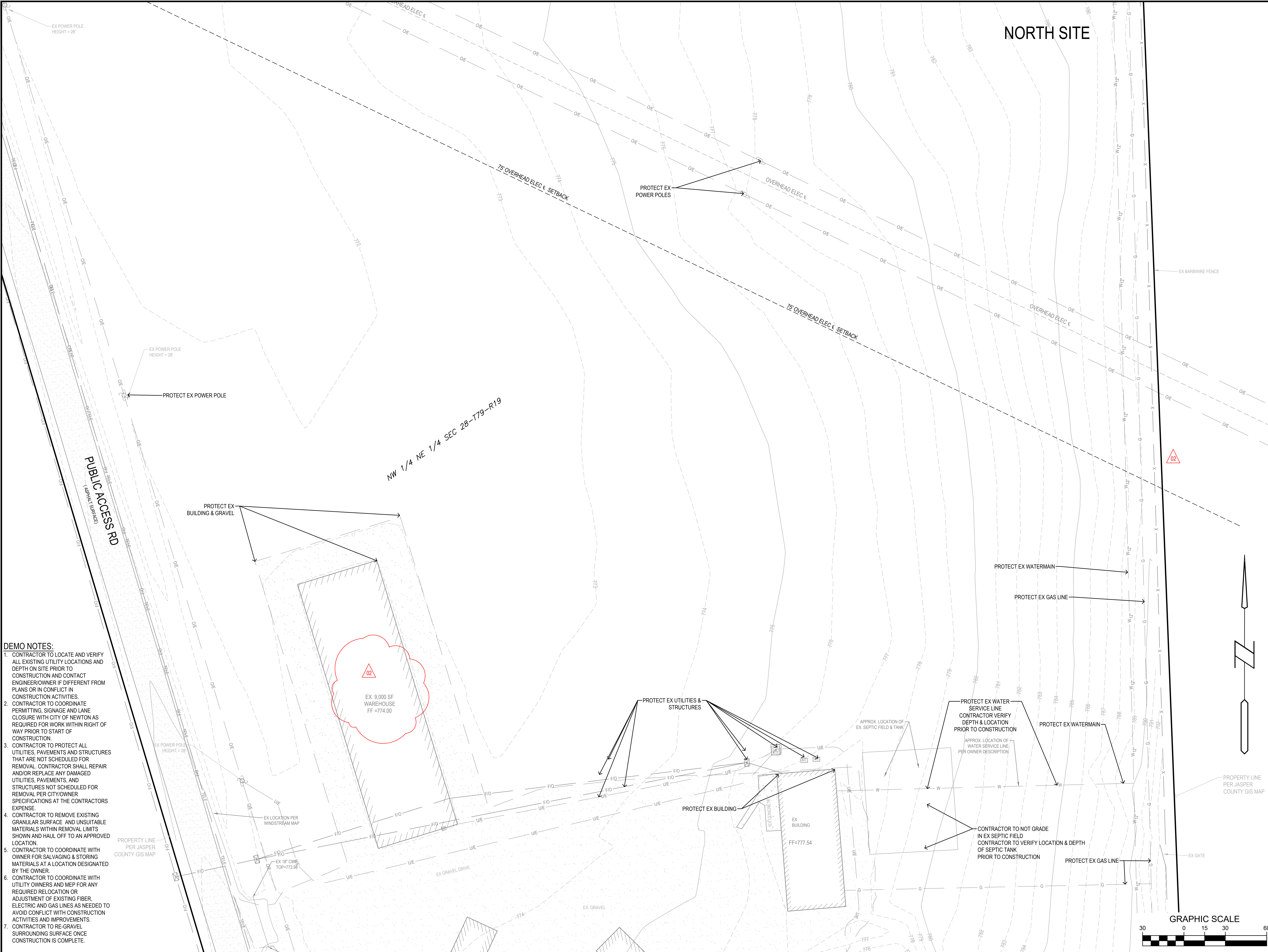
PROJECT NO.: 02401959.001

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DEMO NOTES:

1. CONTRACTOR TO LOCATE AND VERIFY ALL EXISTING UTILITY LOCATIONS AND DEPTH ON SITE PRIOR TO CONSTRUCTION AND CONTACT ENGINEER/OWNER IF DIFFERENT FROM PLANS OR IN CONFLICT IN CONSTRUCTION ACTIVITIES.
2. CONTRACTOR TO COORDINATE PERMITTING, SIGNAGE AND LANE CLOSURE WITH CITY OF NEWTON AS REQUIRED FOR WORK WITHIN RIGHT OF WAY PRIOR TO START OF CONSTRUCTION.
3. CONTRACTOR TO PROTECT ALL UTILITIES, PAVEMENTS AND STRUCTURES THAT ARE NOT SCHEDULED FOR REMOVAL. CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DAMAGED UTILITIES, PAVEMENTS, AND STRUCTURES NOT SCHEDULED FOR REMOVAL PER CITY/OWNER SPECIFICATIONS AT THE CONTRACTORS EXPENSE.
4. CONTRACTOR TO REMOVE EXISTING GRANULAR SURFACE AND UNSUITABLE MATERIALS WITHIN REMOVAL LIMITS SHOWN AND HAUL OFF TO AN APPROVED LOCATION.
5. CONTRACTOR TO COORDINATE WITH OWNER FOR SALVAGING & STORING MATERIALS AT A LOCATION DESIGNATED BY THE OWNER.
6. CONTRACTOR TO COORDINATE WITH UTILITY OWNERS AND MEP FOR ANY REQUIRED RELOCATION OR ADJUSTMENT OF EXISTING FIBER, ELECTRIC AND GAS LINES AS NEEDED TO AVOID CONFLICT WITH CONSTRUCTION ACTIVITIES AND IMPROVEMENTS.
7. CONTRACTOR TO RE-GRAVEL SURROUNDING SURFACE ONCE CONSTRUCTION IS COMPLETE.





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07/18/2025

PROJECT:
State of Iowa

Newton Correctional Facility Iowa Prison Industries Phase II

DATE:	07/18/2025
DESIGNED:	BISHOP
DRAWN:	LCR
REVIEWED:	
DAS NO.:	9239.02 & 9239.03

SHEET TITLE:
EX. CONDITIONS & DEMO

SHEET NUMBER:

C1.1

PROJECT NO.: 02401959.001

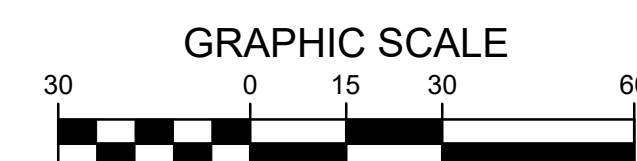


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PAVEMENT
REMOVAL LIMITS

DENOTES PROTECTION

DENOTES REMOVAL

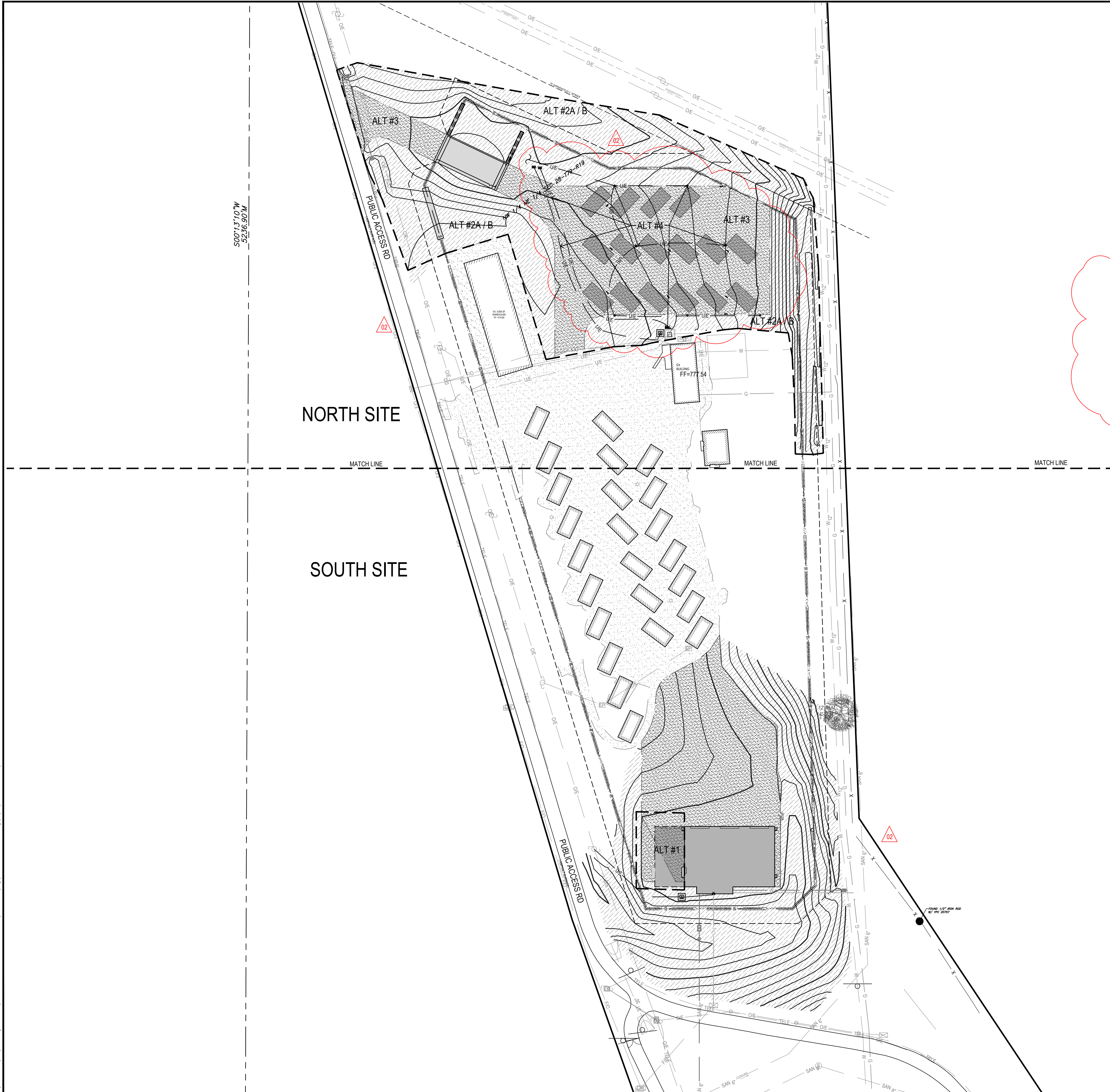


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 L:\LAND PROJECTS 2023\230091-1 Newton Corrections Drive Improvements\DWG\C1.2 EX CONDITIONS & DEMO.dwg | 8/20/2025 10:20 AM |

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DESIGNED:	BISHOP
DRAWN:	LCR
REVIEWED:	
DAS NO.:	9239.02 & 9239.03
SHEET TITLE:	
EX. CONDITIONS & DEMO	

PROJECT NO.: 02401959.001

C1.2



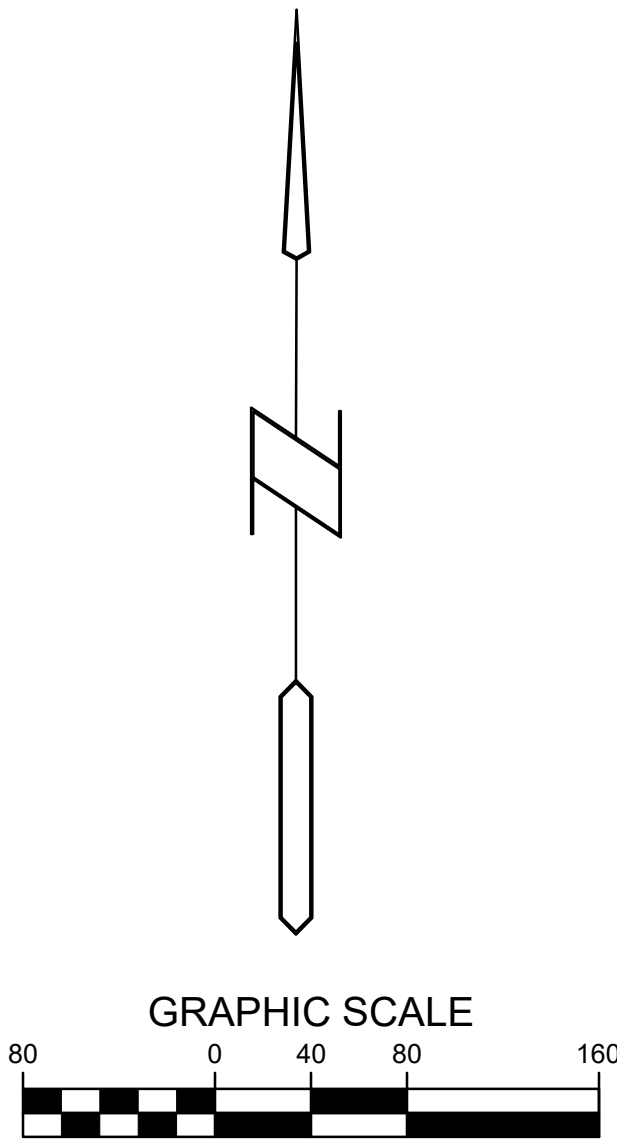
PROJECT ALTERNATES:

*SEE SECTION 01 23 00 ALTERNATE BID ITEMS FOR ADDITIONAL INFORMATION.

- ALT #1: EXTEND PRODUCTION BUILDING 50'-0" SO OVERALL BUILDING DIMENSIONS ARE 100'-0" X 200'-0".
- ALT #2A: ADD ALL GRADING AND EARTHWORK ON THE NORTH REGION OF THE SITE AS NOTED.
- ALT #2B: RE-SPREAD TOP SOIL AND SEED ALL GRADED AREAS AS NOTED.
- ALT #3: ADD GRAVEL SURFACING AND ELECTRICAL WORK AS NOTED FOR THE NORTH REGION OF THE SITE.
- ALT #4: ELECTRICAL SERVICE AND DISTRIBUTION RE-WORK AT THE NORTH REGION OF THE SITE.

PROJECT NOTES:

1. THE FUTURE SALLYPORT ASSEMBLIES, PAVEMENTS & PERIMETER FENCE ARE SHOWN FOR FUTURE COORDINATION PURPOSES ONLY AND ARE NOT INCLUDED IN THIS CONTRACT
2. SPOT GRADES SHOWN ON PLANS ARE FOR FINISHED GRADE ELEVATIONS REGARDLESS OF WHAT ALTERNATES ARE SELECTED.
3. IF THE SALLYPORT ENTRANCE IS NOT TO BE CONSTRUCTED IN THE SAME PHASE AS THE REST OF THE NORTH SITE PLAN AREA, THEN THIS AREA IS TO BE SURFACED WITH THE MATERIAL ACCORDING TO THE SELECTED ALTERNATE.





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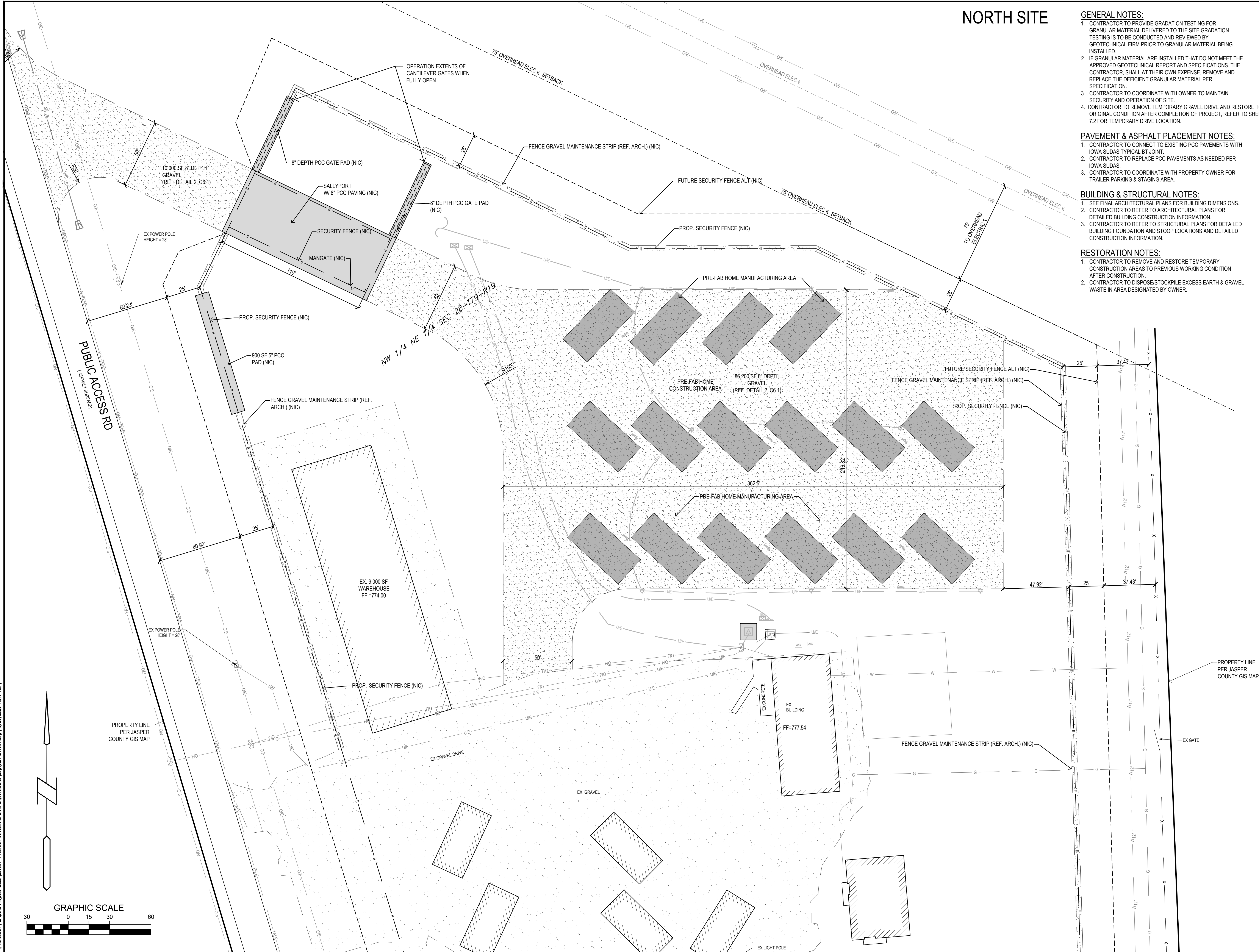
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07/18/2025

PROJECT:
State of Iowa

Newton Correctional Facility Iowa Prison Industries Phase II

DATE:	07/18/2025
DESIGNED:	BISHOP
DRAWN:	LCR
REVIEWED:	
DAS NO.:	9239.02 & 9239.03
SHEET TITLE:	PROJECT LIMITS SHEET

SHEET NUMBER:
C2.0
PROJECT NO.: 02401959.001



NORTH SITE

GENERAL NOTES:

- CONTRACTOR TO PROVIDE GRADATION TESTING FOR GRANULAR MATERIAL DELIVERED TO THE SITE. GRADATION TESTING IS TO BE CONDUCTED AND REVIEWED BY GEOTECHNICAL FIRM PRIOR TO GRANULAR MATERIAL BEING INSTALLED.
- IF GRANULAR MATERIAL ARE INSTALLED THAT DO NOT MEET THE APPROVED GEOTECHNICAL REPORT AND SPECIFICATIONS, THE CONTRACTOR SHALL AT THEIR OWN EXPENSE, REMOVE AND REPLACE THE DEFICIENT GRANULAR MATERIAL PER SPECIFICATION.
- CONTRACTOR TO COORDINATE WITH OWNER TO MAINTAIN SECURITY AND OPERATION OF SITE.
- CONTRACTOR TO REMOVE TEMPORARY GRAVEL DRIVE AND RESTORE TO ORIGINAL CONDITION AFTER COMPLETION OF PROJECT, REFER TO SHEET 7.2 FOR TEMPORARY DRIVE LOCATION.

PAVEMENT & ASPHALT PLACEMENT NOTES:

- CONTRACTOR TO CONNECT TO EXISTING PCC PAVEMENTS WITH IOWA SUDAS TYPICAL BT JOINT.
- CONTRACTOR TO REPLACE PCC PAVEMENTS AS NEEDED PER IOWA SUDAS.
- CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR TRAILER PARKING & STAGING AREA.

BUILDING & STRUCTURAL NOTES:

- SEE FINAL ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.
- CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR DETAILED BUILDING CONSTRUCTION INFORMATION.
- CONTRACTOR TO REFER TO STRUCTURAL PLANS FOR DETAILED BUILDING FOUNDATION AND STOOP LOCATIONS AND DETAILED CONSTRUCTION INFORMATION.

RESTORATION NOTES:

- CONTRACTOR TO REMOVE AND RESTORE TEMPORARY CONSTRUCTION AREAS TO PREVIOUS WORKING CONDITION AFTER CONSTRUCTION.
- CONTRACTOR TO DISPOSE/STOCKPILE EXCESS EARTH & GRAVEL WASTE IN AREA DESIGNATED BY OWNER.



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PROJECT:

State of Iowa

**Newton Correctional
Facility Iowa Prison
Industries Phase II**

DATE: 07/18/2025

DESIGNED: BISHOP

DRAWN: LCR

REVIEWED:

DAS NO.: 9239.02 & 9239.03

SHEET TITLE:

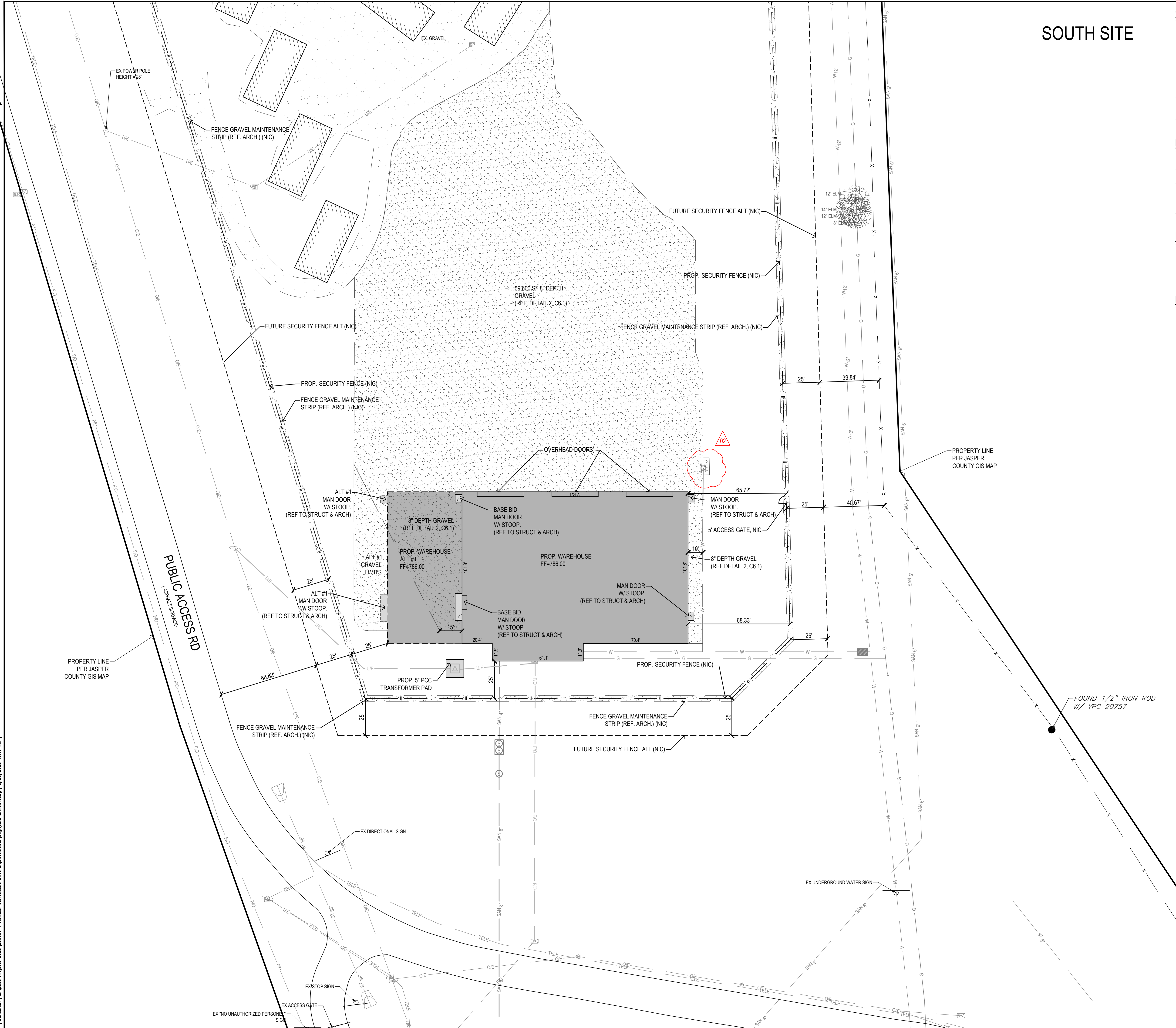
LAYOUT PLAN

SHEET NUMBER:

C2.1

PROJECT NO.: 02401959.001

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SOUTH SITE

GENERAL NOTES:

1. CONTRACTOR TO PROVIDE GRADATION TESTING FOR GRANULAR MATERIAL DELIVERED TO THE SITE. GRADATION TESTING IS TO BE CONDUCTED AND REVIEWED BY GEOTECHNICAL FIRM PRIOR TO GRANULAR MATERIAL BEING INSTALLED.
2. IF GRANULAR MATERIAL ARE INSTALLED THAT DO NOT MEET THE APPROVED GEOTECHNICAL REPORT AND SPECIFICATIONS. THE CONTRACTOR SHALL AT THEIR OWN EXPENSE, REMOVE AND REPLACE THE DEFICIENT GRANULAR MATERIAL PER SPECIFICATION.
3. CONTRACTOR TO COORDINATE WITH OWNER TO MAINTAIN SECURITY AND FOR ANY MODIFICATION OF THE SECURITY FENCE AND GATES.
4. CONTRACTOR TO REMOVE TEMPORARY GRAVEL DRIVE AND RESTORE TO ORIGINAL CONDITION AFTER COMPLETION OF PROJECT.

PAVEMENT & ASPHALT PLACEMENT NOTES:

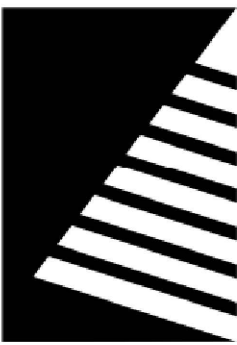
1. SEE PROJECT SPECIFICATION 32.13.13 FOR ADDITIONAL INFORMATION ON LASER SCREENED REQUIREMENTS.
2. CONTRACTOR TO CONNECT TO EXISTING PCC PAVEMENTS WITH IOWA SUDAS TYPICAL BT JOINT.
3. CONTRACTOR TO REPLACE PCC PAVEMENTS FOR STORM SEWER INSTALLATION PER SUDAS. CONTRACTOR TO REPLACE PAVEMENTS WITH A MINIMUM THICKNESS THAT IS 1" GREATER THAN THE EXISTING PAVEMENT THICKNESS.
4. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR TRAILER PARKING & STAGING AREA.

BUILDING & STRUCTURAL NOTES:

1. SEE FINAL ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.
2. CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR DETAILED BUILDING CONSTRUCTION INFORMATION.
3. CONTRACTOR TO REFER TO STRUCTURAL PLANS FOR DETAILED BUILDING FOUNDATION AND STOOP LOCATIONS AND DETAILED CONSTRUCTION INFORMATION.

RESTORATION NOTES:

1. CONTRACTOR TO REMOVE AND RESTORE TEMPORARY CONSTRUCTION AREAS TO PREVIOUS WORKING CONDITION AFTER CONSTRUCTION.
2. CONTRACTOR TO DISPOSE STOCKPILE EXCESS EARTH & GRAVEL WASTE IN AREA DESIGNATED BY OWNER.



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PROJECT:

State of Iowa

**Newton Correctional
Facility Iowa Prison
Industries Phase II**

DATE: 07/18/2025

DESIGNED: BISHOP

DRAWN: LCR

REVIEWED:

DAS NO.: 9239.02 & 9239.03

SHEET TITLE:

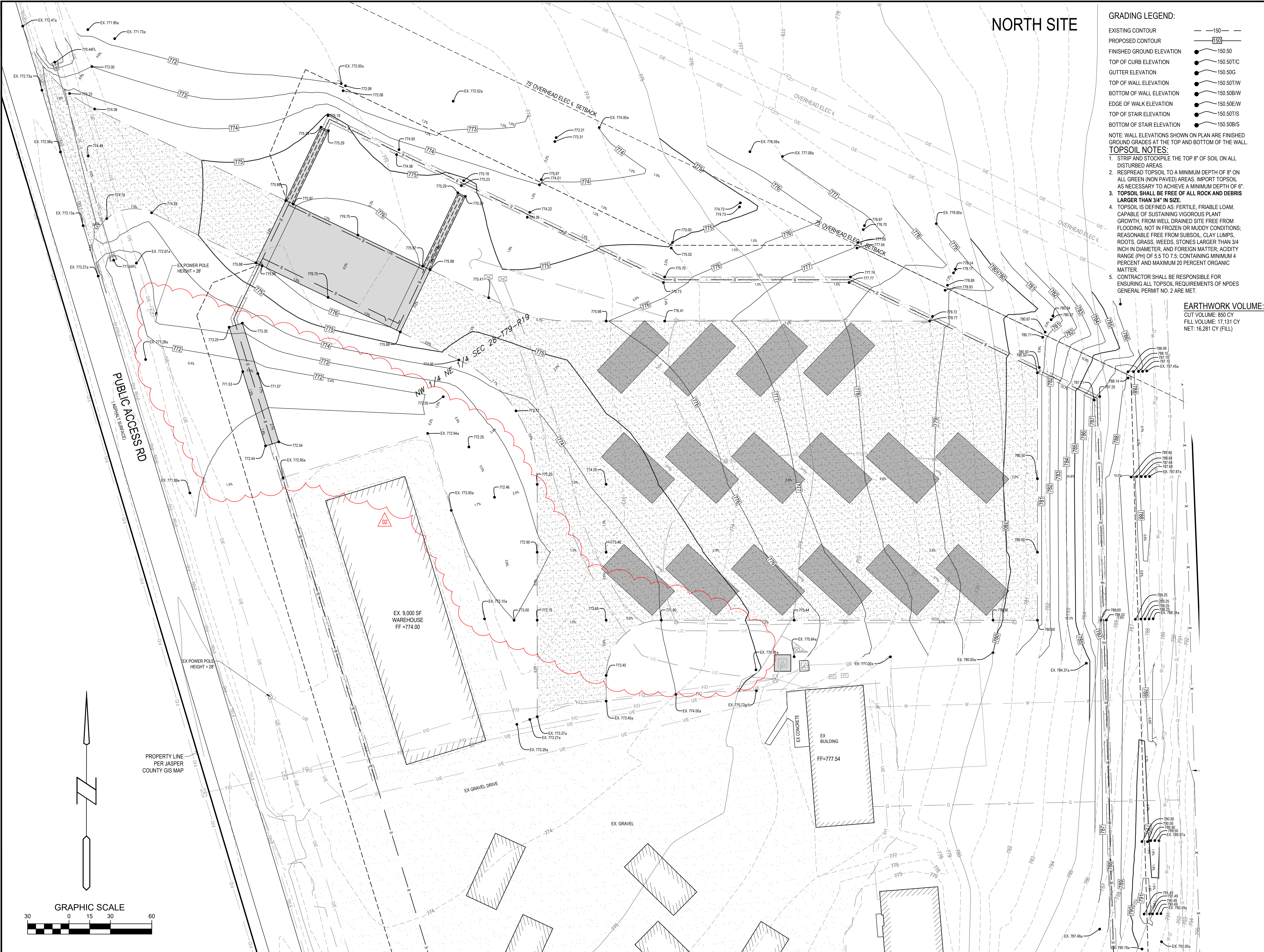
LAYOUT PLAN

SHEET NUMBER:

C2.2

PROJECT NO.: 02401959.001

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NORTH SITE

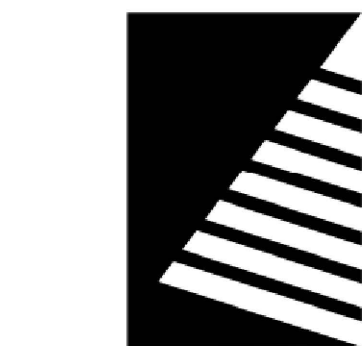
GRADING LEGEND:

EXISTING CONTOUR	—150—
PROPOSED CONTOUR	150
FINISHED GROUND ELEVATION	150.50
TOP OF CURB ELEVATION	150.50T/C
GUTTER ELEVATION	150.50G
TOP OF WALL ELEVATION	150.50T/W
BOTTOM OF WALL ELEVATION	150.50B/W
EDGE OF WALK ELEVATION	150.50E/W
TOP OF STAIR ELEVATION	150.50T/S
BOTTOM OF STAIR ELEVATION	150.50B/S

NOTE: WALL ELEVATIONS SHOWN ON PLAN ARE FINISHED GROUND GRADES AT THE TOP AND BOTTOM OF THE WALL.

- TOPSOIL NOTES:**
- STRIP AND STOCKPILE THE TOP 8" OF SOIL ON ALL DISTURBED AREAS.
 - RESPIREAD TOPSOIL TO A MINIMUM DEPTH OF 8" ON ALL GREEN (NON PAVED) AREAS. IMPORT TOPSOIL AS NECESSARY TO ACHIEVE A MINIMUM DEPTH OF 6".
 - TOPSOIL SHALL BE FREE OF ALL ROCK AND DEBRIS LARGER THAN 3/4" IN SIZE.
 - TOPSOIL IS DEFINED AS: FERTILE, FRIABLE LOAM, CAPABLE OF SUSTAINING VICEROUS PLANT GROWTH, FROM WELL DRAINED SITE-FREE FROM FLOODING, NOT IN FROZEN OR MUDDY CONDITIONS; REASONABLE FREE FROM SUBSOIL, CLAY LUMPS, ROOTS, GRASS, WEEDS, STONES LARGER THAN 3/4 INCH IN DIAMETER, AND FOREIGN MATTER; ACIDITY RANGE (PH) OF 5.5 TO 7.5; CONTAINING MINIMUM 4 PERCENT AND MAXIMUM 20 PERCENT ORGANIC MATTER.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL TOPSOIL REQUIREMENTS OF NPDES GENERAL PERMIT NO. 2 ARE MET.

EARTHWORK VOLUME:
CUT VOLUME: 850 CY
FILL VOLUME: 17,131 CY
NET: 16,281 CY (FILL)



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07/18/2025

PROJECT:
State of Iowa

Newton Correctional Facility Iowa Prison Industries Phase II

DATE: 07/18/2025

DESIGNED: BISHOP

DRAWN: LCR

REVIEWED:

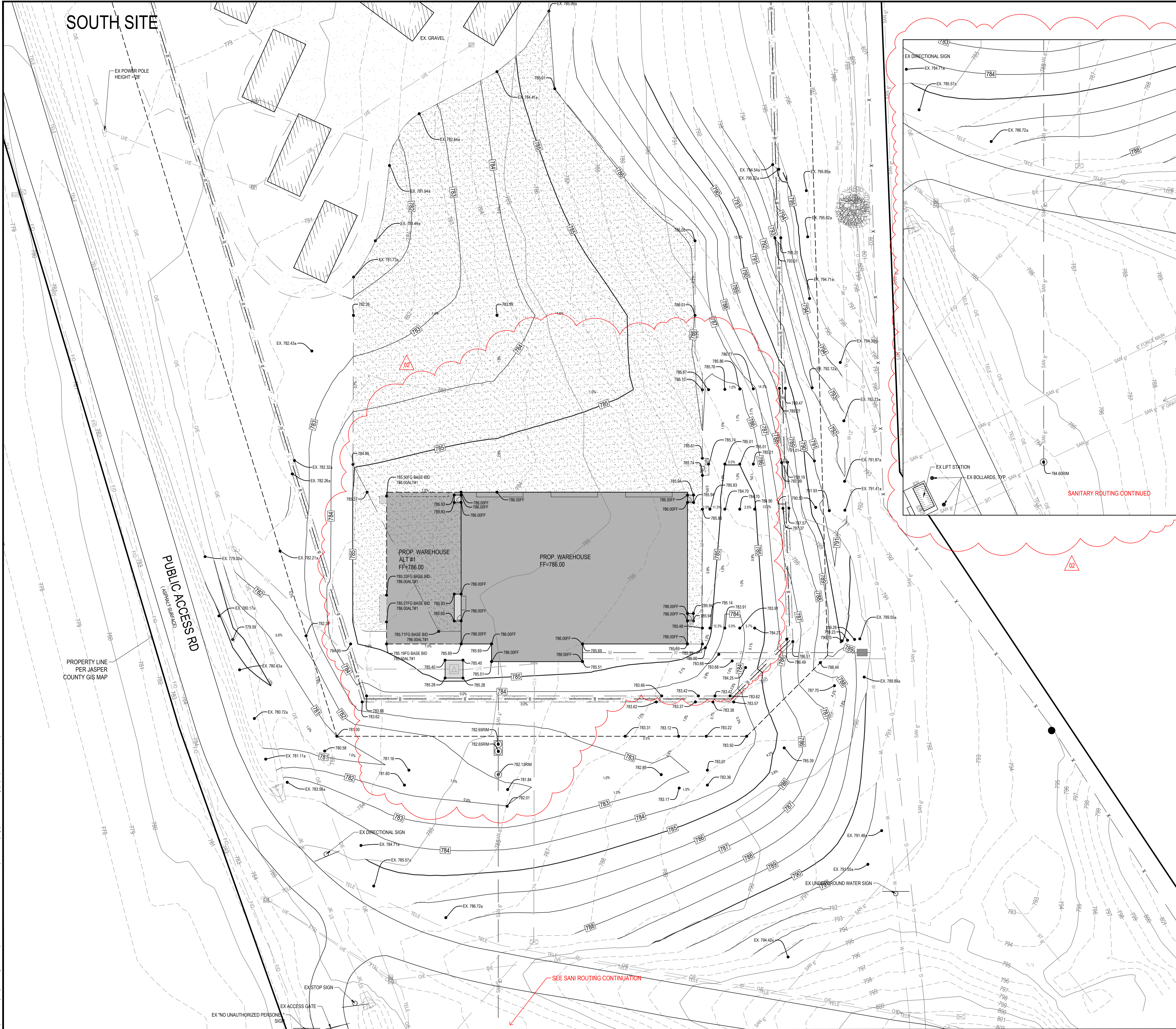
DAS NO.: 9239.02 & 9239.03

SHEET TITLE:
GRADING PLAN

SHEET NUMBER:

C3.1

PROJECT NO.: 02401959.001



TOPSOIL NOTES:

1. STRIP AND STOCKPILE THE TOP 8" OF SOIL ON ALL DISTURBED AREAS.
2. RESPREAD TOPSOIL TO A MINIMUM DEPTH OF 8" ON ALL GREEN (NON PAVED) AREAS. IMPORT TOPSOIL AS NECESSARY TO ACHIEVE A MINIMUM DEPTH OF 6".
3. TOPSOIL SHALL BE FREE OF ALL ROCK AND DEBRIS LARGER THAN 3/4" IN SIZE.
4. TOPSOIL IS DEFINED AS: FERTILE, FRIABLE LOAM, CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH, FROM WELL DRAINED SITE FREE FROM FLOODING, NOT IN FROZEN OR MUDDY CONDITIONS; REASONABLE FREE FROM SUBSOIL, CLAY LUMPS, ROOTS, GRASS, WEEDS, STONES LARGER THAN 3/4 INCH IN DIAMETER, AND FOREIGN MATTER; ACIDITY RANGE (PH) OF 5.5 TO 7.5; CONTAINING MINIMUM 4 PERCENT AND MAXIMUM 20 PERCENT ORGANIC MATTER.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL TOPSOIL REQUIREMENTS OF NPDES GENERAL PERMIT NO. 2 ARE MET.

GRADING LEGEND:

EXISTING CONTOUR	---	150
PROPOSED CONTOUR	---	150
FINISHED GROUND ELEVATION	●	150.50
TOP OF CURB ELEVATION	●	150.50T/C
GUTTER ELEVATION	●	150.50G
TOP OF WALL ELEVATION	●	150.50T/W
BOTTOM OF WALL ELEVATION	●	150.50B/W
EDGE OF WALK ELEVATION	●	150.50E/W
TOP OF STAIR ELEVATION	●	150.50T/S
BOTTOM OF STAIR ELEVATION	●	150.50B/S

NOTE: WALL ELEVATIONS SHOWN ON PLAN ARE FINISHED GROUND GRADES AT THE TOP AND BOTTOM OF THE WALL.

GENERAL NOTES:

1. CONTRACTOR TO ADJUST GRADE AS NECESSARY TO PROVIDE COVER OVER PIPES AND PROVIDE A SMOOTH TRANSITION.
2. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL PLANS FOR BUILDING OVERHEAD AND MAIN DOOR ELEVATION DETAILS. ALL BUILDING STOOPS SHALL HAVE A MINIMUM 1.0% CROSS SLOPE AND A MAX 2% CROSS SLOPE.
3. CONTRACTOR TO VERIFY AND COORDINATE EXTERIOR PAVEMENT/GRAVEL ELEVATIONS ADJACENT TO STOOP AND DOOR LOCATIONS TO PROVIDE A MINIMUM 1.0% SLOPE AND A MAX 5% SLOPE AWAY FROM BUILDING AND BUILDING STOOPS.
4. ALL PAVEMENT AREAS SHALL HAVE A MINIMUM 1.0% SLOPE TO PROVIDE POSITIVE DRAINAGE.
5. THE TRADE CONTRACTOR AND THEIR SURVEYOR SHALL BE RESPONSIBLE FOR CREATING THE STAKING MODEL. CONTRACTOR TO VERIFY ALL GRADING ELEVATIONS AND CONTACT THE OWNER/ENGINEER, PRIOR TO CONSTRUCTION, IF THERE ARE ANY DISCREPANCIES OR CONFLICTS BETWEEN THE PLANS AND TYPICAL CONSTRUCTION STANDARDS AND TOLERANCES.
6. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDERS FOR ANY RELOCATION OR LOWERING OF EXISTING UTILITIES TO ACCOMMODATE GRADING AND NEW UTILITIES. ANY REMOVAL AND REPLACEMENT OF SAID UTILITIES SHALL BE INCIDENTAL.
7. THE GEOTECHNICAL REPORT/SPECIFICATIONS AS APPROVED BY THE OWNER'S GEOTECHNICAL ENGINEER SHALL GOVERN.
8. ADDITIONAL GRADING AND REWORK TO CORRECT DEFICIENCIES OR MEET THE GEOTECHNICAL REPORT/SPECIFICATION DESIGN REQUIREMENTS SHALL BE INCIDENTAL AND AT THE CONTRACTOR'S EXPENSE.

BUILDING DOOR ELEVATIONS:

1. THE ELEVATIONS SHOWN AT THE BUILDING DOORS AND BUILDING WALLS ON THE GRADING PLAN ARE FOR COORDINATION ONLY. BUILDING ARCHITECTURAL/STRUCTURAL PLANS AND DETAILS SHALL GOVERN FOR BUILDING DOOR ELEVATIONS, STOOP SLOPES AND EXPOSED WALLS OR FOOTINGS.
2. CONTRACTOR TO COORDINATE AND VERIFY ALL BUILDING AND DOOR ELEVATIONS WITH EXTERIOR IMPROVEMENTS TO MAINTAIN POSITIVE DRAINAGE AWAY FROM BUILDING PRIOR TO CONSTRUCTION. IF THERE IS A DISCREPANCY, CONTRACTOR TO CONTACT OWNER/ENGINEER FOR DIRECTION PRIOR TO CONSTRUCTION AND/OR INSTALLATION.

BUILDING ALTERNATE NOTES:

IF BUILDING ALTERNATE #1 IS SELECTED, CONTRACTOR TO ADJUST GRADES TO ACCOMMODATE ALTERNATE #1 BUILDING LIMITS AND STOOPS.

EARTHWORK VOLUME:

CUT VOLUME: 9,720 CY
FILL VOLUME: 2,438 CY
NET: 7,283 CY (CUT)



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PROJECT:
State of Iowa

**Newton Correctional
Facility Iowa Prison
Industries Phase II**

DATE: 07/18/2025

DESIGNED: BISHOP

DRAWN: LCR

REVIEWED:

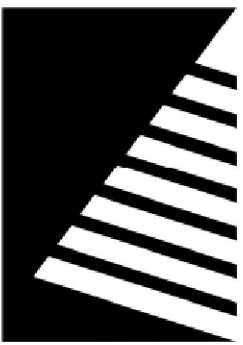
DAS NO.: 9239.02 & 9239.03

SHEET TITLE:
GRADING PLAN

SHEET NUMBER:

C3.2

PROJECT NO.: 02401959.001



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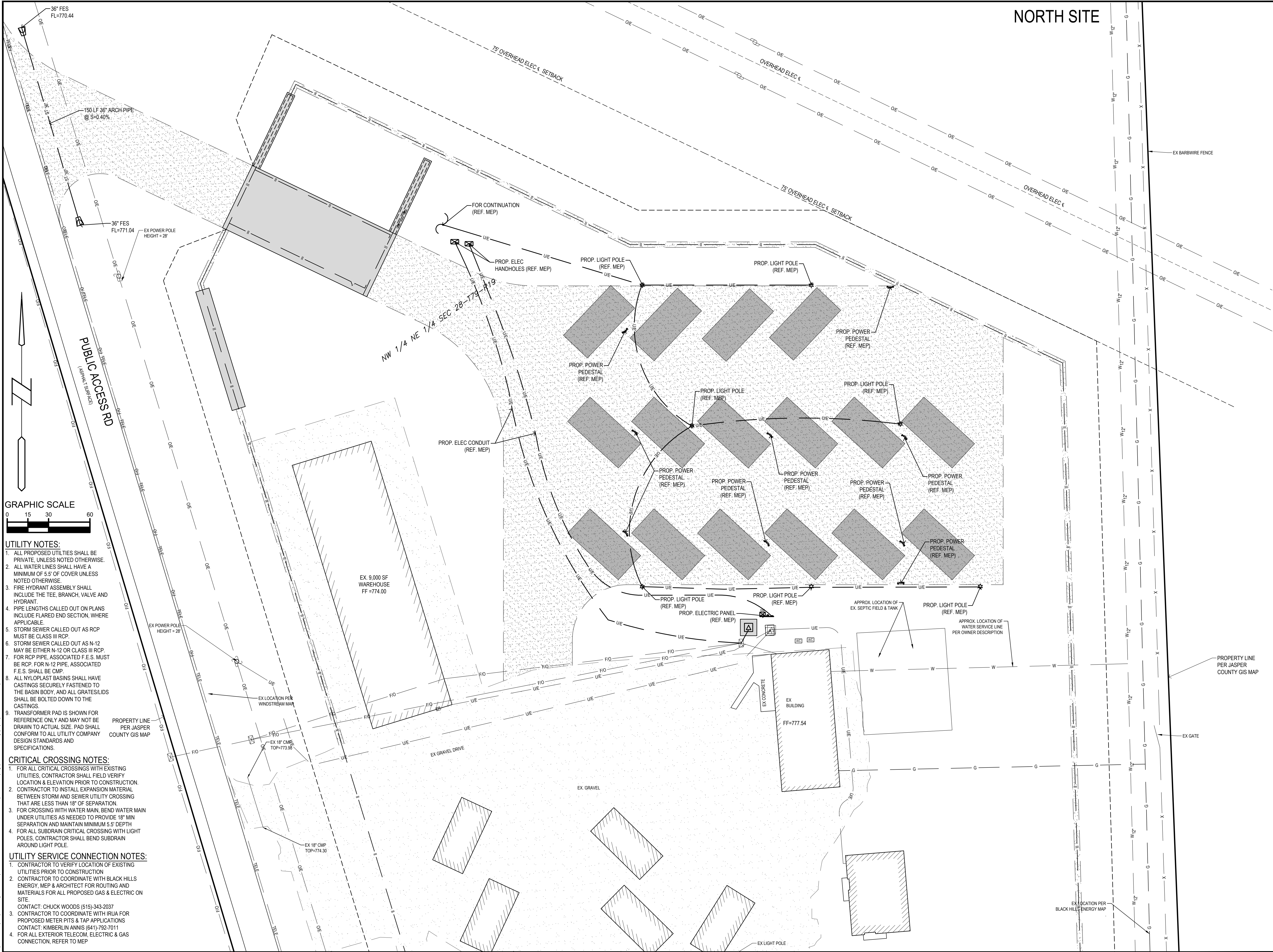
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UTILITY PLAN

SHEET NUMBER:

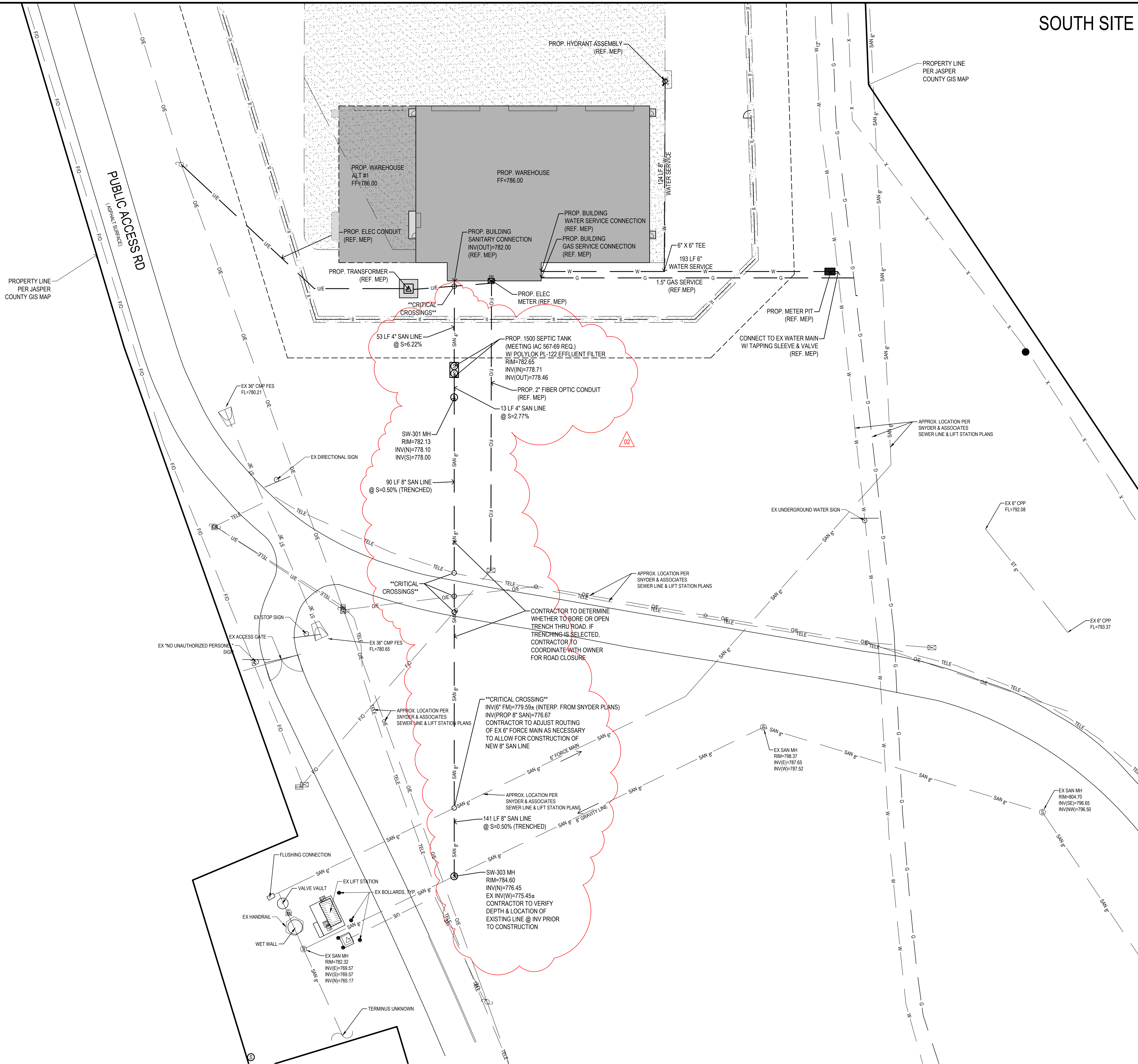
C4.1

PROJECT NO.: 02401959.001

NORTH SITE



- UTILITY NOTES:
1. ALL PROPOSED UTILITIES SHALL BE PRIVATE, UNLESS NOTED OTHERWISE.
 2. ALL WATER LINES SHALL HAVE A MINIMUM OF 5.5' OF COVER UNLESS NOTED OTHERWISE.
 3. FIRE HYDRANT ASSEMBLY SHALL INCLUDE THE TEE, BRANCH, VALVE AND HYDRANT.
 4. PIPE LENGTHS CALLED OUT ON PLANS INCLUDE FLARED END SECTION, WHERE APPLICABLE.
 5. STORM SEWER CALLED OUT AS RCP MUST BE CLASS III RCP.
 6. STORM SEWER CALLED OUT AS N-12 MAY BE EITHER N-12 OR CLASS III RCP.
 7. FOR RCP PIPE, ASSOCIATED F.E.S. MUST BE RCP. FOR N-12 PIPE, ASSOCIATED F.E.S. SHALL BE CMP.
 8. ALL NYLOPLAST BASINS SHALL HAVE CASTINGS SECURELY FASTENED TO THE BASIN BODY, AND ALL GRATES/IDS SHALL BE BOLTED DOWN TO THE CASTINGS.
 9. TRANSFORMER PAD IS SHOWN FOR REFERENCE ONLY AND MAY NOT BE DRAWN TO ACTUAL SIZE. PAD SHALL CONFORM TO ALL UTILITY COMPANY DESIGN STANDARDS AND SPECIFICATIONS.
- CRITICAL CROSSING NOTES:
1. FOR ALL CRITICAL CROSSINGS WITH EXISTING UTILITIES, CONTRACTOR SHALL FIELD VERIFY LOCATION & ELEVATION PRIOR TO CONSTRUCTION.
 2. CONTRACTOR TO INSTALL EXPANSION MATERIAL BETWEEN STORM AND SEWER UTILITY CROSSING THAT ARE LESS THAN 18" OF SEPARATION.
 3. FOR CROSSING WITH WATER MAIN, BEND WATER MAIN UNDER UTILITIES AS NEEDED TO PROVIDE 18" MIN SEPARATION AND MAINTAIN MINIMUM 5.5' DEPTH.
 4. FOR ALL SUBDRAIN CRITICAL CROSSING WITH LIGHT POLES, CONTRACTOR SHALL BEND SUBDRAIN AROUND LIGHT POLE.
- UTILITY SERVICE CONNECTION NOTES:
1. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 2. CONTRACTOR TO COORDINATE WITH BLACK HILLS ENERGY, MEP & ARCHITECT FOR ROUTING AND MATERIALS FOR ALL PROPOSED GAS & ELECTRIC ON SITE.
 3. CONTRACTOR TO COORDINATE WITH IRIJA FOR PROPOSED METER PITS & TAP APPLICATIONS.
 4. FOR ALL EXTERIOR TELECOM, ELECTRIC & GAS CONNECTION, REFER TO MEP.
- CONTACT: CHUCK WOODS (515)-343-2037
- CONTACT: KIMBERLIN ANNIS (641)-792-7011



SOUTH SITE

UTILITY NOTES:

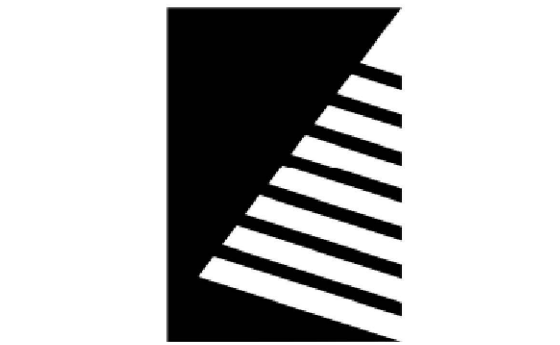
1. ALL PROPOSED UTILITIES SHALL BE PRIVATE, UNLESS NOTED OTHERWISE.
2. ALL WATER LINES SHALL HAVE A MINIMUM OF 5.5' OF COVER UNLESS NOTED OTHERWISE.
3. FIRE HYDRANT ASSEMBLY SHALL INCLUDE THE TEE, BRANCH, VALVE AND HYDRANT.
4. PIPE LENGTHS CALLED OUT ON PLANS INCLUDE FLARED END SECTION, WHERE APPLICABLE.
5. STORM SEWER CALLED OUT AS RCP MUST BE CLASS III RCP.
6. STORM SEWER CALLED OUT AS N-12 MAY BE EITHER N-12 OR CLASS III RCP.
7. FOR RCP PIPE, ASSOCIATED F.E.S. MUST BE RCP. FOR N-12 PIPE, ASSOCIATED F.E.S. SHALL BE CMP.
8. ALL NYLOPLAST BASINS SHALL HAVE CASTINGS SECURELY FASTENED TO THE BASIN BODY, AND ALL GRATES/LIDS SHALL BE BOLTED DOWN TO THE CASTINGS.
9. TRANSFORMER PAD IS SHOWN FOR REFERENCE ONLY AND MAY NOT BE DRAWN TO ACTUAL SIZE. PAD SHALL CONFORM TO ALL UTILITY COMPANY DESIGN STANDARDS AND SPECIFICATIONS.
10. CONTRACTOR TO COORDINATE WITH BLACK HILLS ENERGY FOR GAS SERVICE CONNECTION PRIOR TO CONSTRUCTION.

CRITICAL CROSSING NOTES:

1. FOR ALL CRITICAL CROSSINGS WITH EXISTING UTILITIES, CONTRACTOR SHALL FIELD VERIFY LOCATION & ELEVATION PRIOR TO CONSTRUCTION.
2. CONTRACTOR TO INSTALL EXPANSION MATERIAL BETWEEN STORM AND SEWER UTILITY CROSSING THAT ARE LESS THAN 18" OF SEPARATION.
3. FOR CROSSING WITH WATER MAIN, BEND WATER MAIN UNDER UTILITIES AS NEEDED TO PROVIDE 18" MIN SEPARATION AND MAINTAIN MINIMUM 5.5' DEPTH.
4. FOR ALL SUBDRAIN CRITICAL CROSSING WITH LIGHT POLES, CONTRACTOR SHALL BEND SUBDRAIN AROUND LIGHT POLE.

UTILITY SERVICE CONNECTION NOTES:

1. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. CONTRACTOR TO COORDINATE WITH BLACK HILLS ENERGY, MEP & ARCHITECT FOR ROUTING AND MATERIALS FOR ALL PROPOSED GAS & ELECTRIC ON SITE.
3. CONTACT: CHUCK WOODS (515)-343-2037
4. CONTRACTOR TO COORDINATE WITH IRIUA FOR PROPOSED METER PITS & TAP APPLICATIONS
5. CONTACT: KIMBERLIN ANNIS (641)-792-7011
6. FOR ALL EXTERIOR TELECOM, ELECTRIC & GAS CONNECTION, REFER TO MEP



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SHEET TITLE:
UTILITY PLAN

SHEET NUMBER:

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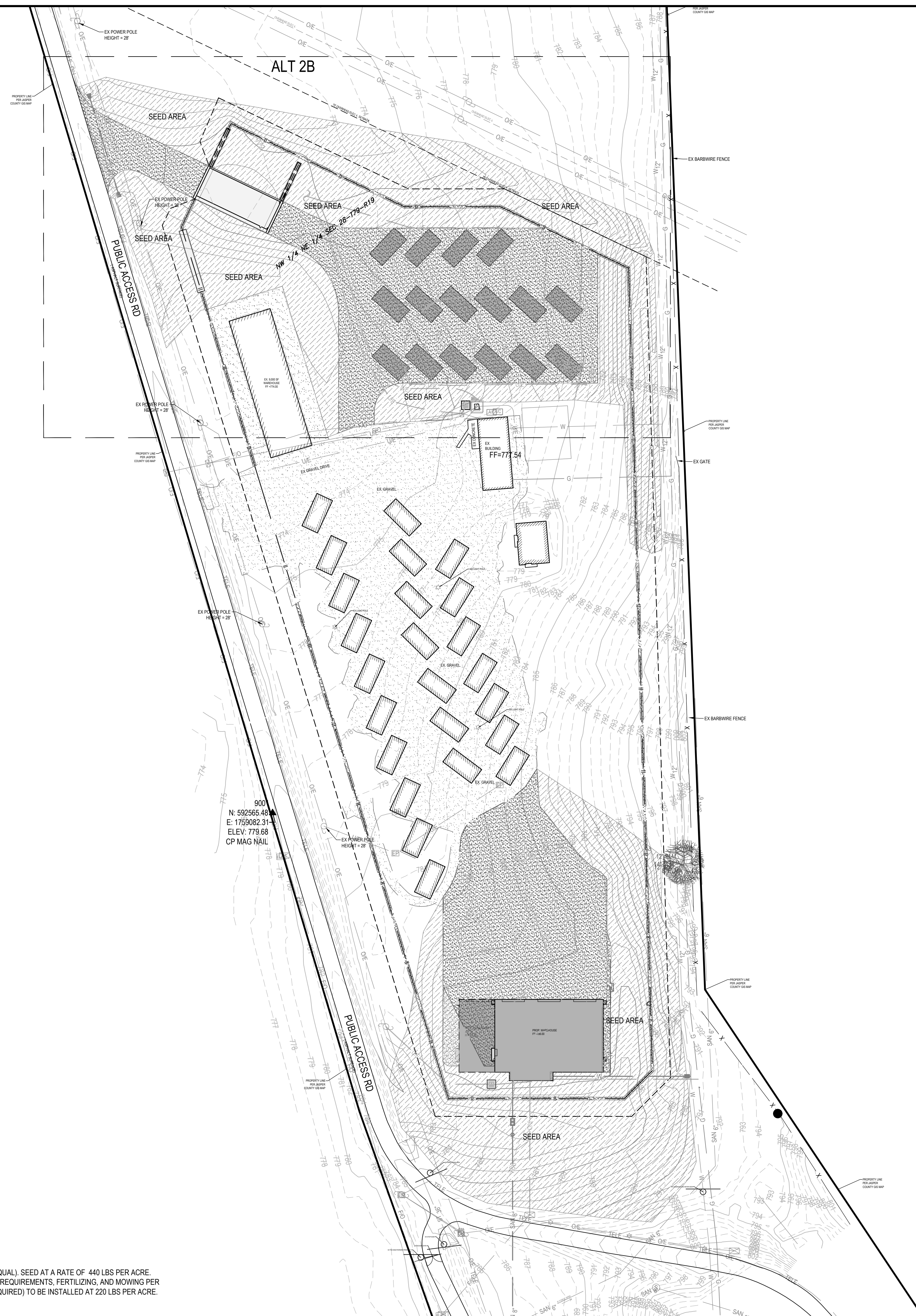
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SHEET NUMBER: _____

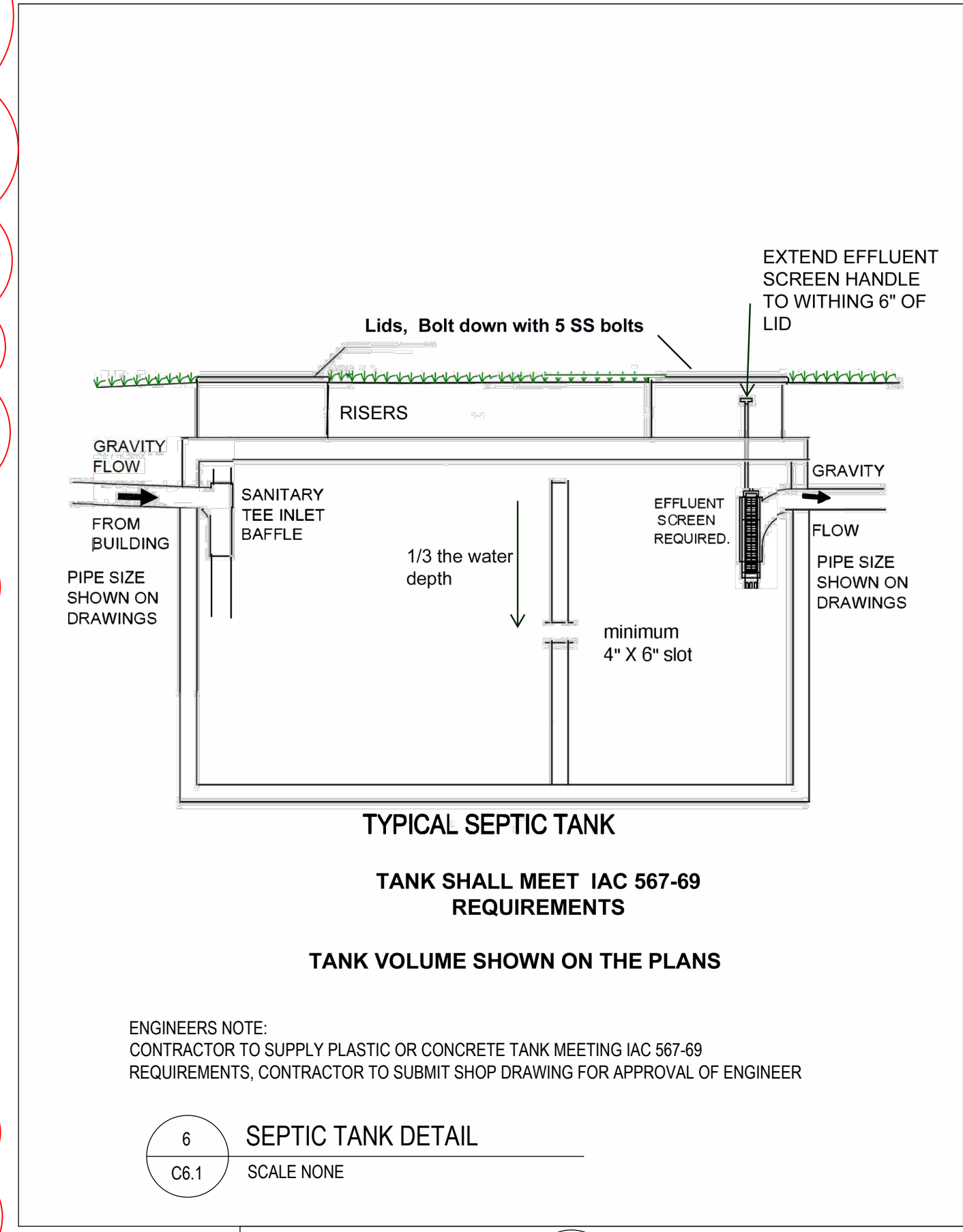
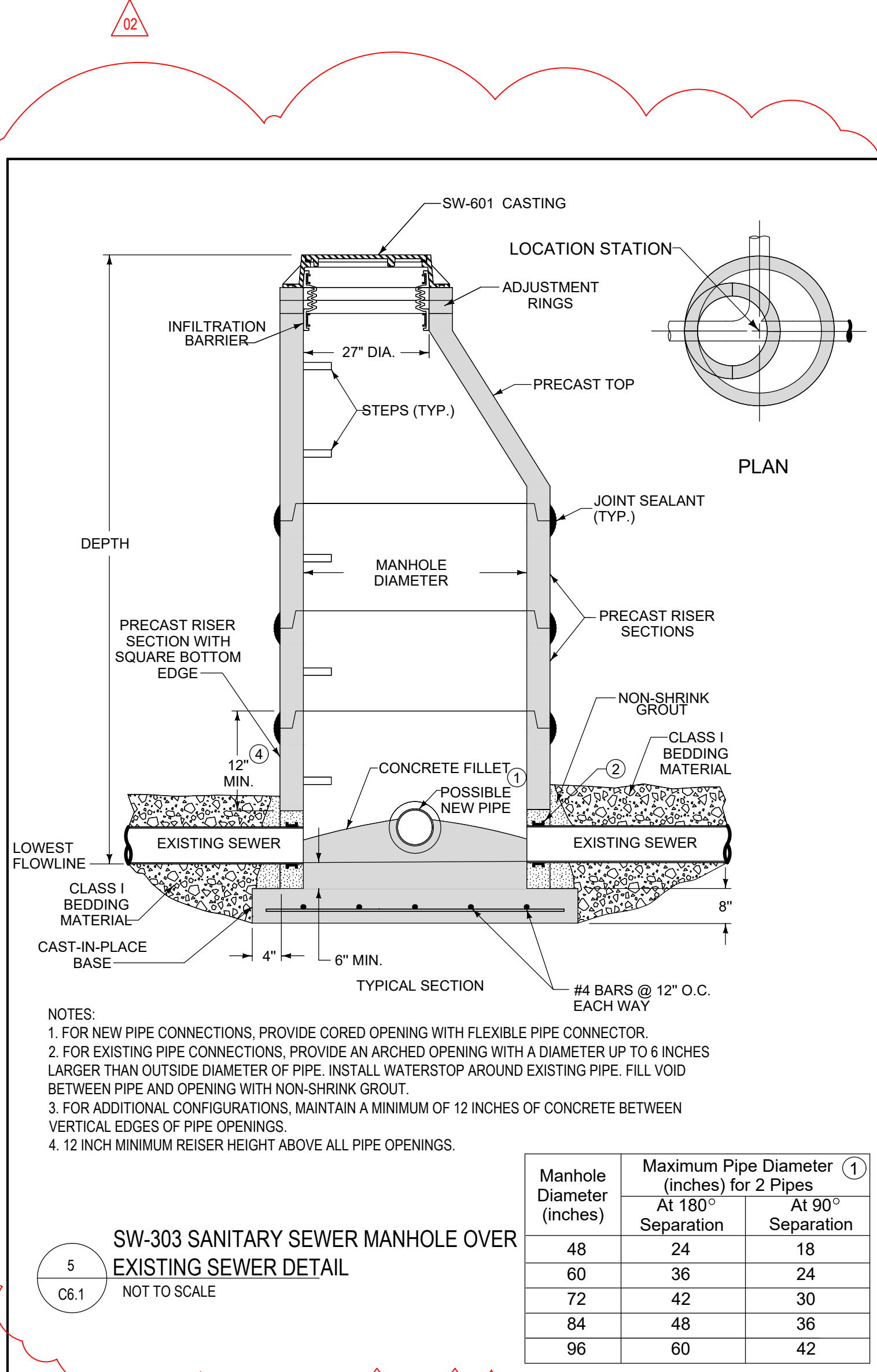
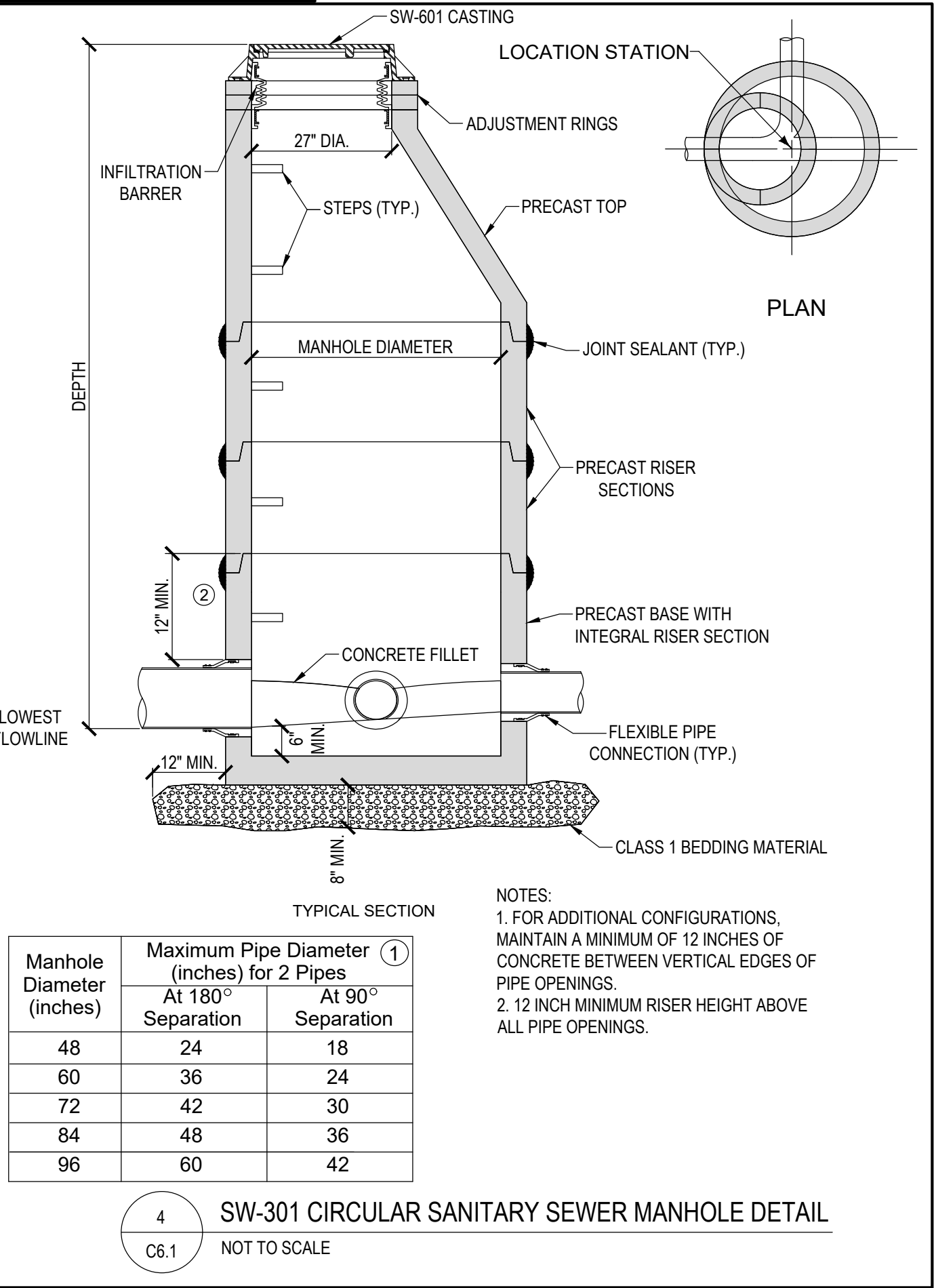
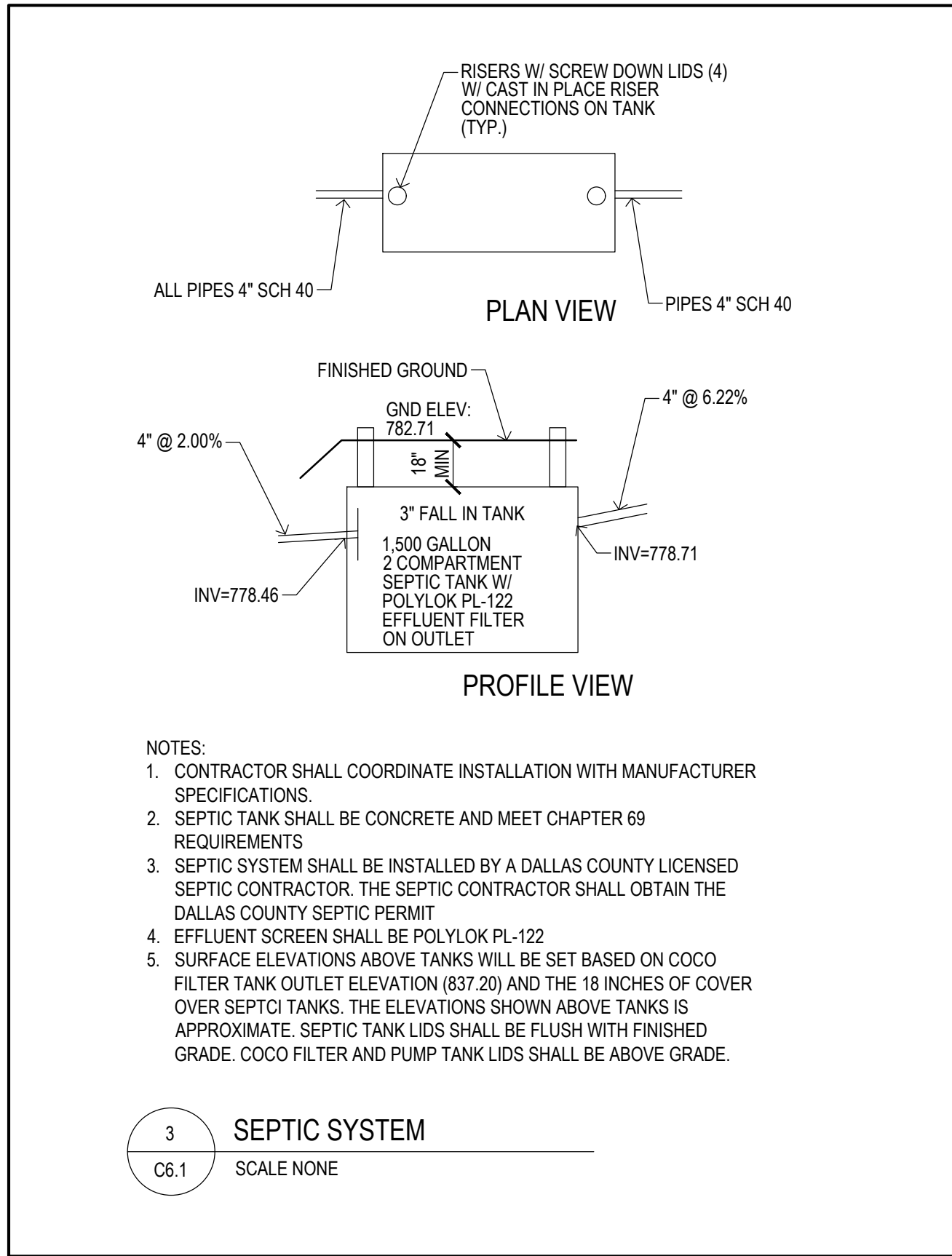
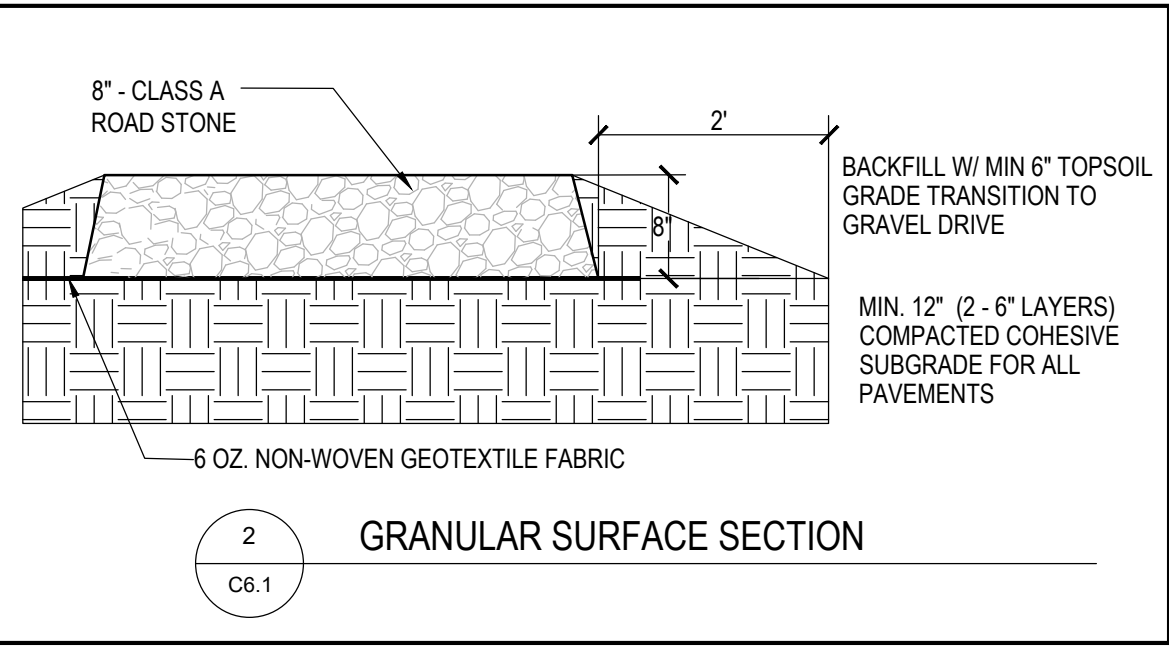
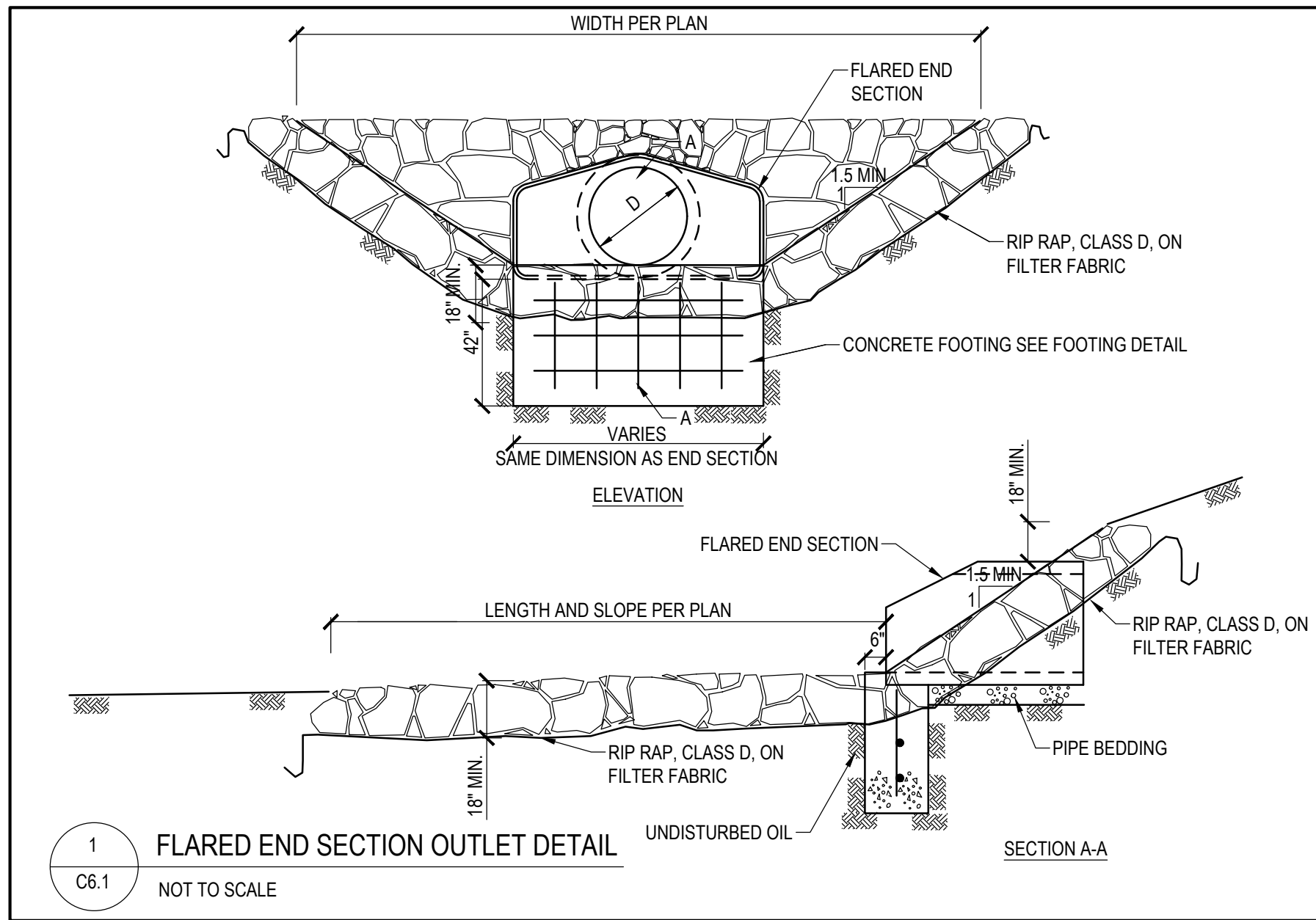
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PROJECT NO.: 02401959.001



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8/20/2025 12:25:10 PM L:\LAND PROJECTS\2023\0091-1 NEWTON CORRECTIONS DRIVE IMPROVEMENTS\DWG\C6.1 DETAILS.DWG
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POLYLOK INFO BROCHURE
C6.1 SCALE NONE

PL-122 Effluent Filter

PL-122 Filter
The PL-122 was the original Polylok filter. It was the first filter on the market with an automatic shut-off ball installed with every filter. When the filter is removed for regular servicing, the ball will float up and prevent any solids from leaving the tank. Our patented design cannot be duplicated.

Features:

- Offers 122 linear feet of 1/16" filter slots, which significantly extends time between cleaning.
- Has a flow control ball that shuts off the flow of effluent when the filter is removed for cleaning.
- Has its own gas deflector ball which deflects solids away.
- Installs easily in new tanks, or retrofits in existing systems.
- Comes complete with its own housing. No gluing of tees or pipe, no extra parts to buy.
- Has a modular design, allowing for increased filtration.

PL-122 Installation:
Ideal for residential waste flows up to 3,000 gallons per day (GPD). Easily installs in any new or existing 4" outlet tee.

PL-122 Maintenance:
The PL-122 Effluent Filter will operate efficiently for several years under normal conditions before requiring cleaning. It is recommended that the filter be cleaned every time the tank is pumped, or at least every three years.

Do not use plumbing when filter is removed.

PL-122 Installation:

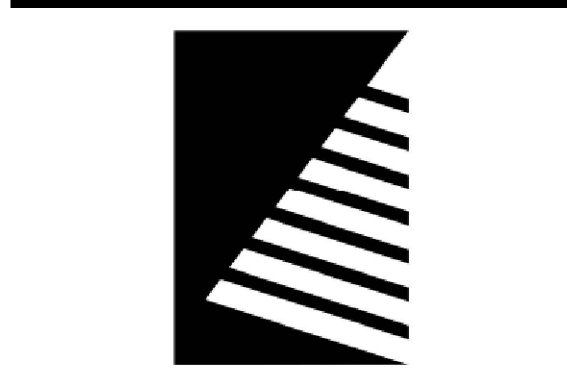
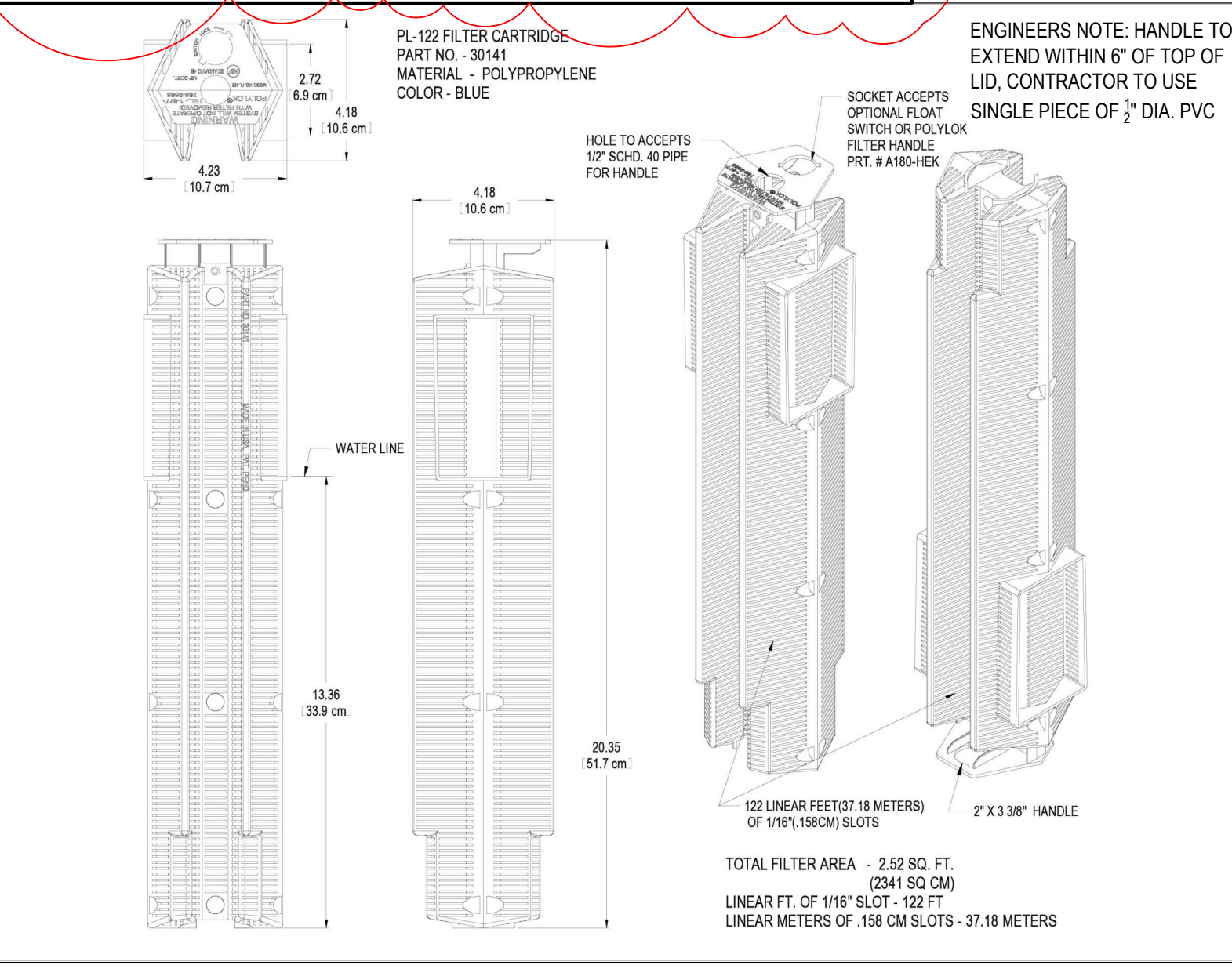
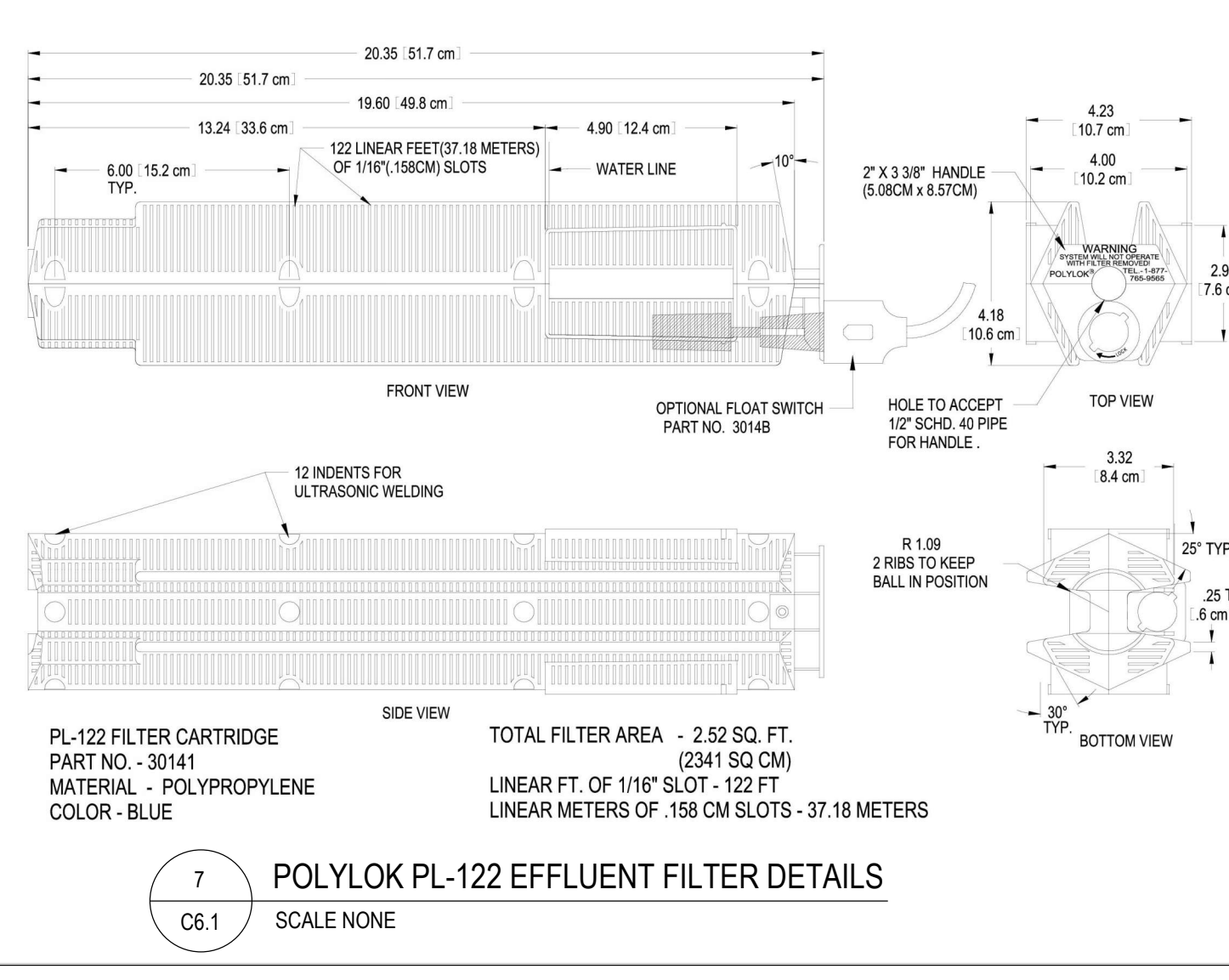
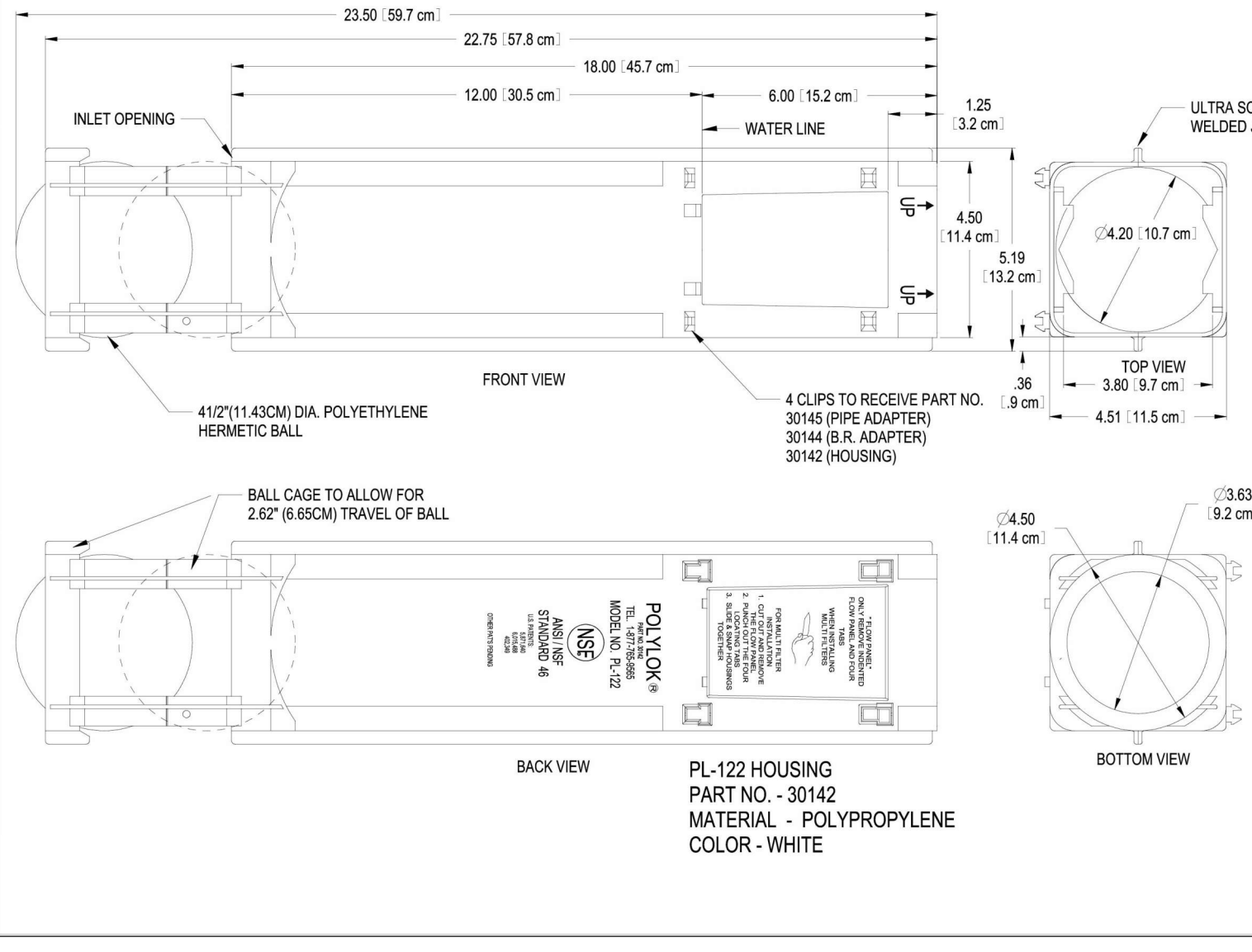
1. Locate the outlet of the septic tank.
2. Remove the tank cover and pump tank if necessary.
3. Clean the filter housing to the outlet pipe, or use a Polylok Extend & Lok if not enough pipe exists.
4. Insert the PL-122 filter into tee.
5. Replace and secure the septic tank cover.

PL-122 Maintenance:

1. Do not use plumbing when filter is removed.
2. Pull PL-122 cartridge out of the tee.
3. Hose off filter over the septic tank. Make sure all solids fall back into septic tank.
4. Insert filter back into tee/housing.

Filter Numbers
6075, 608 & 5071, 609

1-877-765-9565



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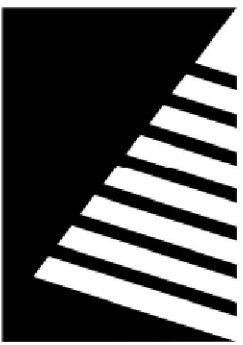
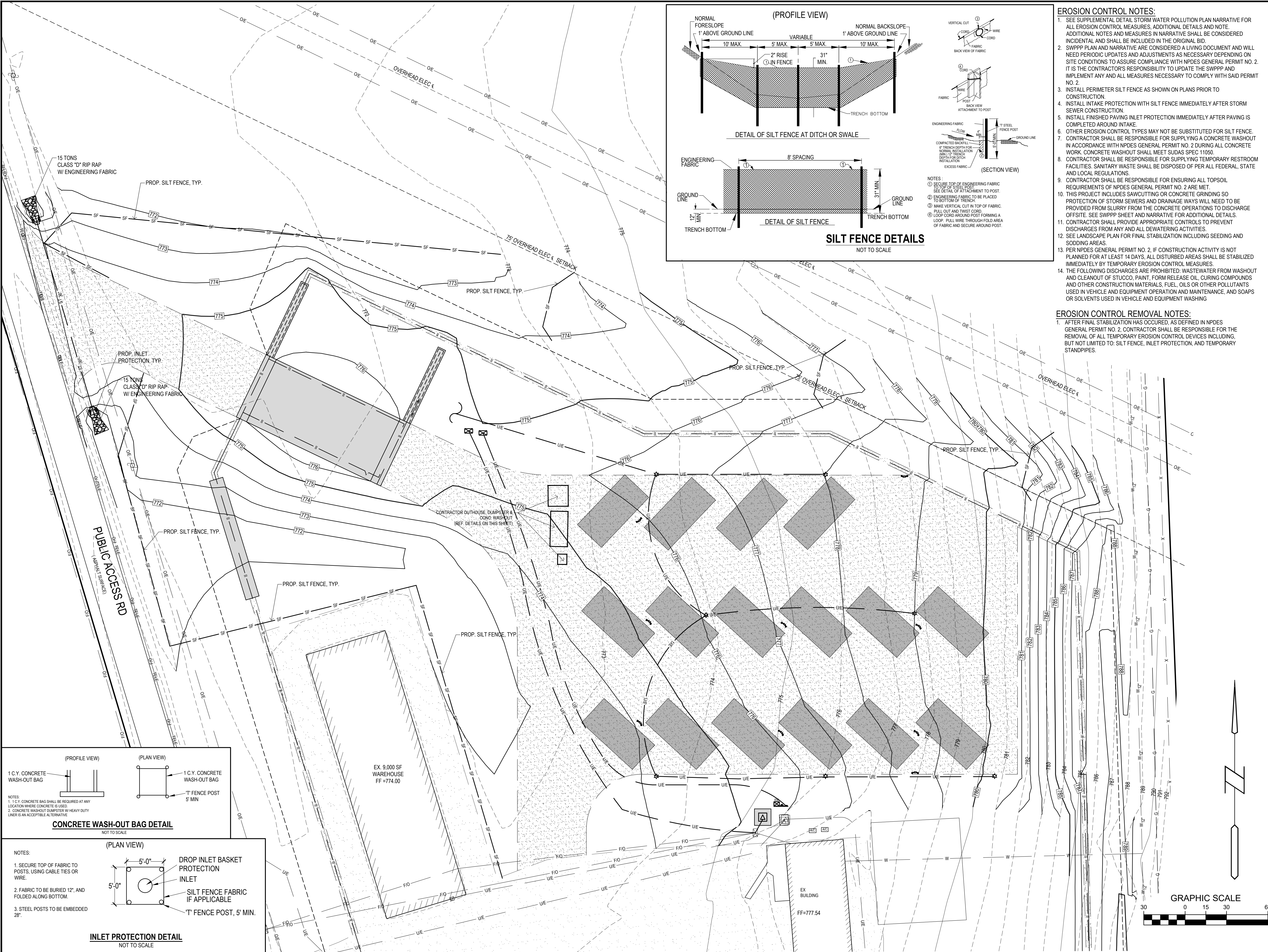
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DETAILS SHEET

SHEET NUMBER:

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PROJECT NO.: 02401959.001

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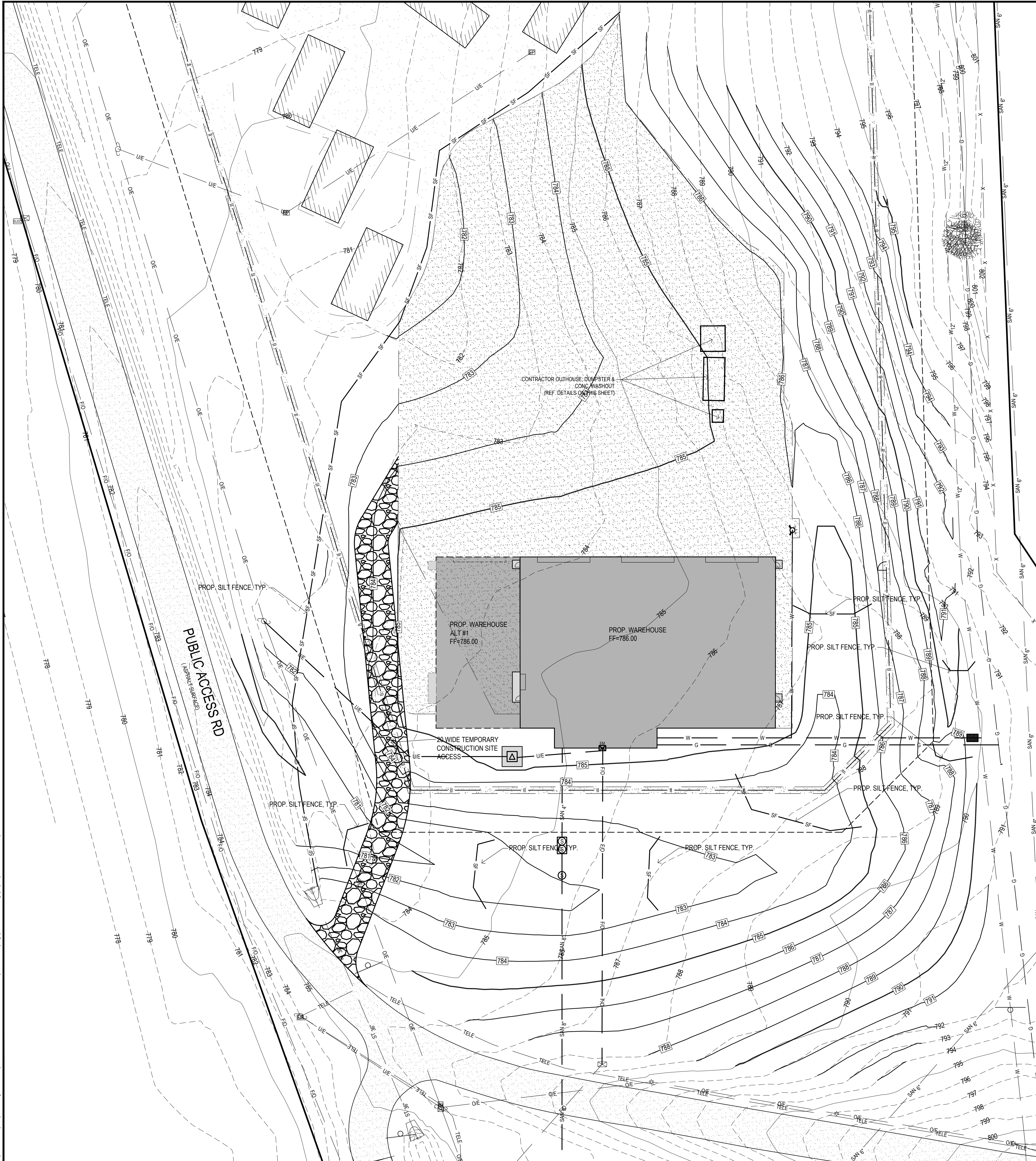
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SHEET TITLE:
EROSION CONTROL SHEET

SHEET NUMBER:

C7.1

PROJECT NO.: 02401959.001

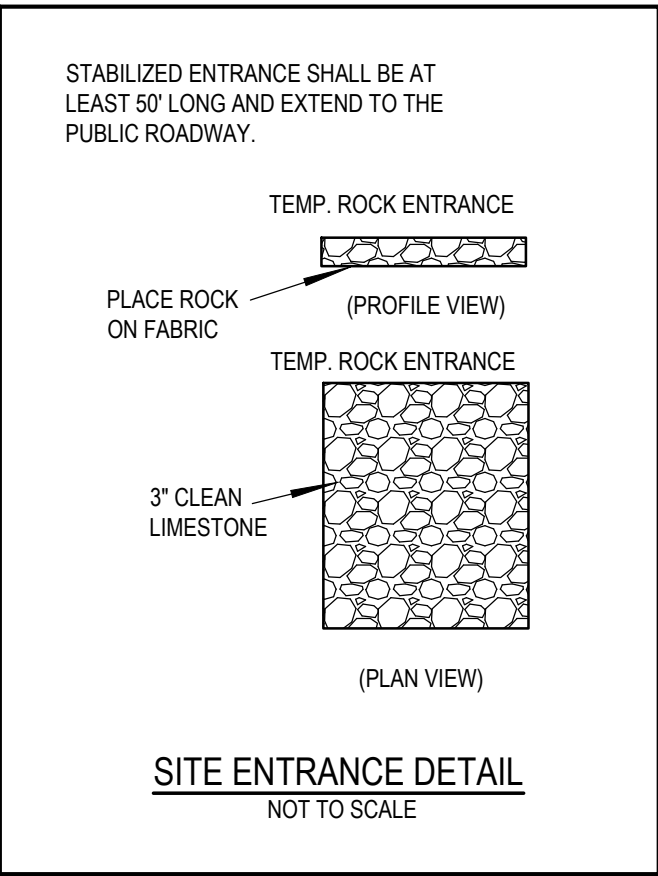
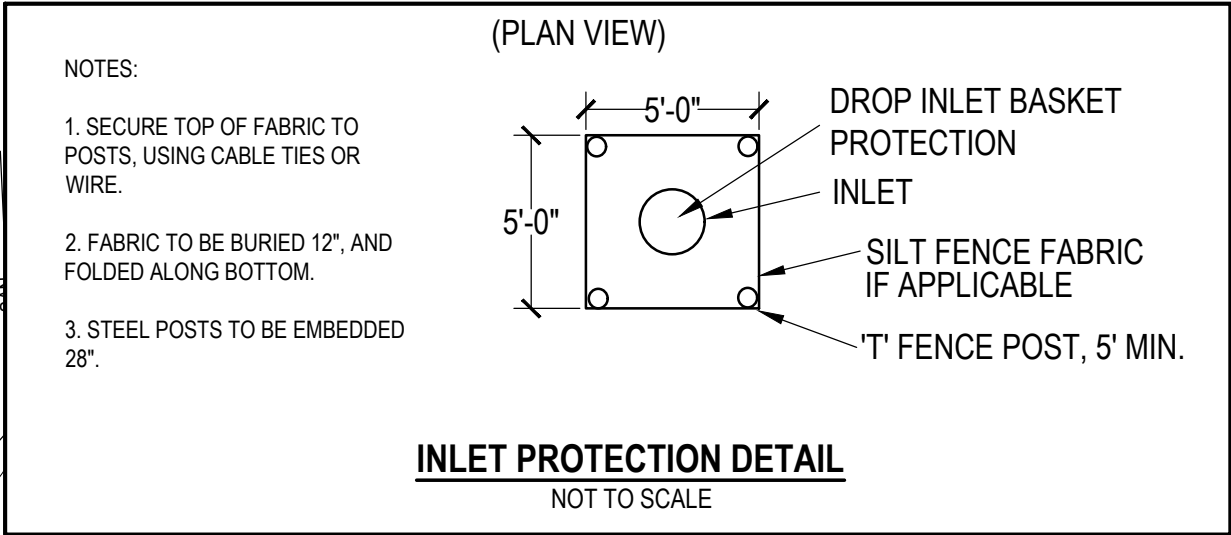
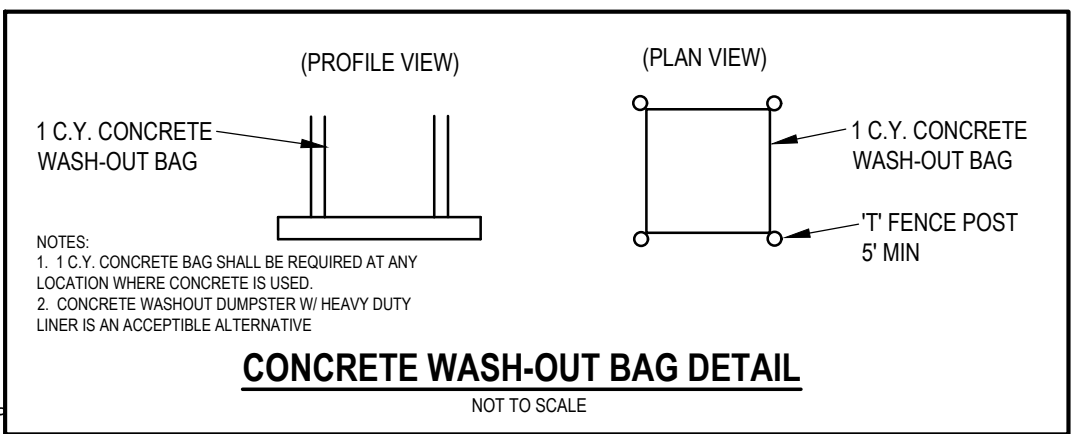
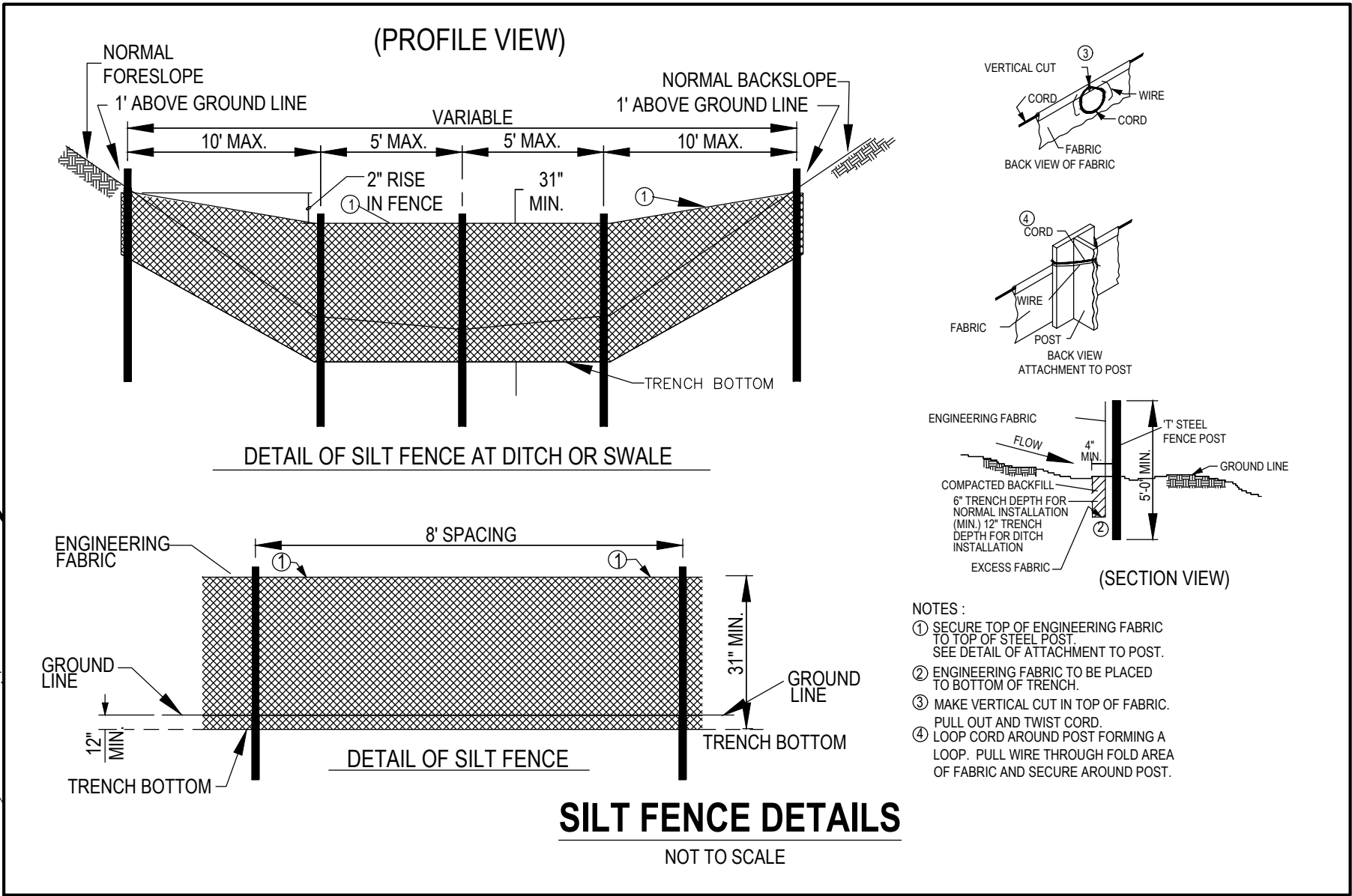


EROSION CONTROL NOTES:

1. SEE SUPPLEMENTAL DETAIL STORM WATER POLLUTION PLAN NARRATIVE FOR ALL EROSION CONTROL MEASURES. ADDITIONAL DETAILS AND NOTE. ADDITIONAL NOTES AND MEASURES IN NARRATIVE SHALL BE CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE ORIGINAL BID.
2. SWPPP PLAN AND NARRATIVE ARE CONSIDERED A LIVING DOCUMENT AND WILL NEED PERIODIC UPDATES AND ADJUSTMENTS AS NECESSARY DEPENDING ON SITE CONDITIONS TO ASSURE COMPLIANCE WITH NPDES GENERAL PERMIT NO. 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UPDATE THE SWPPP AND IMPLEMENT ANY AND ALL MEASURES NECESSARY TO COMPLY WITH SAID PERMIT NO. 2.
3. INSTALL PERIMETER SILT FENCE AS SHOWN ON PLANS PRIOR TO CONSTRUCTION.
4. INSTALL INTAKE PROTECTION WITH SILT FENCE IMMEDIATELY AFTER STORM SEWER CONSTRUCTION.
5. INSTALL FINISHED PAVING INLET PROTECTION IMMEDIATELY AFTER PAVING IS COMPLETED AROUND INTAKE.
6. OTHER EROSION CONTROL TYPES MAY NOT BE SUBSTITUTED FOR SILT FENCE.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING A CONCRETE WASHOUT IN ACCORDANCE WITH NPDES GENERAL PERMIT NO. 2 DURING ALL CONCRETE WORK. CONCRETE WASHOUT SHALL MEET SUDAS SPEC 11050.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING TEMPORARY RESTROOM FACILITIES. SANITARY WASTE SHALL BE DISPOSED OF PER ALL FEDERAL, STATE AND LOCAL REGULATIONS.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL TOPSOIL REQUIREMENTS OF NPDES GENERAL PERMIT NO. 2 ARE MET.
10. THIS PROJECT INCLUDES SAWCUTTING OR CONCRETE GRINDING SO PROTECTION OF STORM SEWERS AND DRAINAGE WAYS WILL NEED TO BE PROVIDED FROM SLURRY FROM THE CONCRETE OPERATIONS TO DISCHARGE OFFSITE. SEE SWPPP SHEET AND NARRATIVE FOR ADDITIONAL DETAILS.
11. CONTRACTOR SHALL PROVIDE APPROPRIATE CONTROLS TO PREVENT DISCHARGES FROM ANY AND ALL DEWATERING ACTIVITIES.
12. SEE LANDSCAPE PLAN FOR FINAL STABILIZATION INCLUDING SEEDING AND SODDING AREAS.
13. PER NPDES GENERAL PERMIT NO. 2, IF CONSTRUCTION ACTIVITY IS NOT PLANNED FOR AT LEAST 14 DAYS, ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY BY TEMPORARY EROSION CONTROL MEASURES.
14. THE FOLLOWING DISCHARGES ARE PROHIBITED: WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OIL, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS, FUEL, OILS OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE, AND SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING

EROSION CONTROL REMOVAL NOTES:

1. AFTER FINAL STABILIZATION HAS OCCURED, AS DEFINED IN NPDES GENERAL PERMIT NO. 2, CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES INCLUDING, BUT NOT LIMITED TO: SILT FENCE, INLET PROTECTION, AND TEMPORARY STANDPIPS.





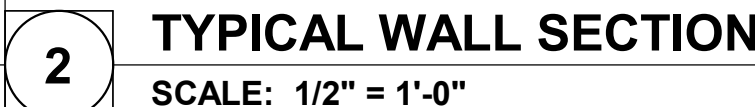
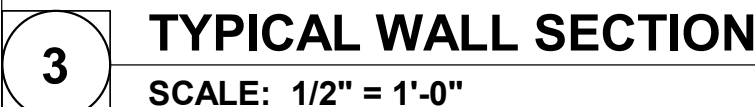
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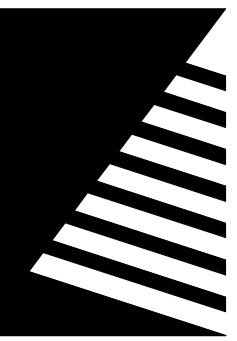
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State of Iowa

Newton Correctional
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Industries Phase II

Newton, Iowa

DATE:	07/18/2025
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DRAWN:	SD
REVIEWED:	LS
DAS NO.:	9239.02 & 9239.03

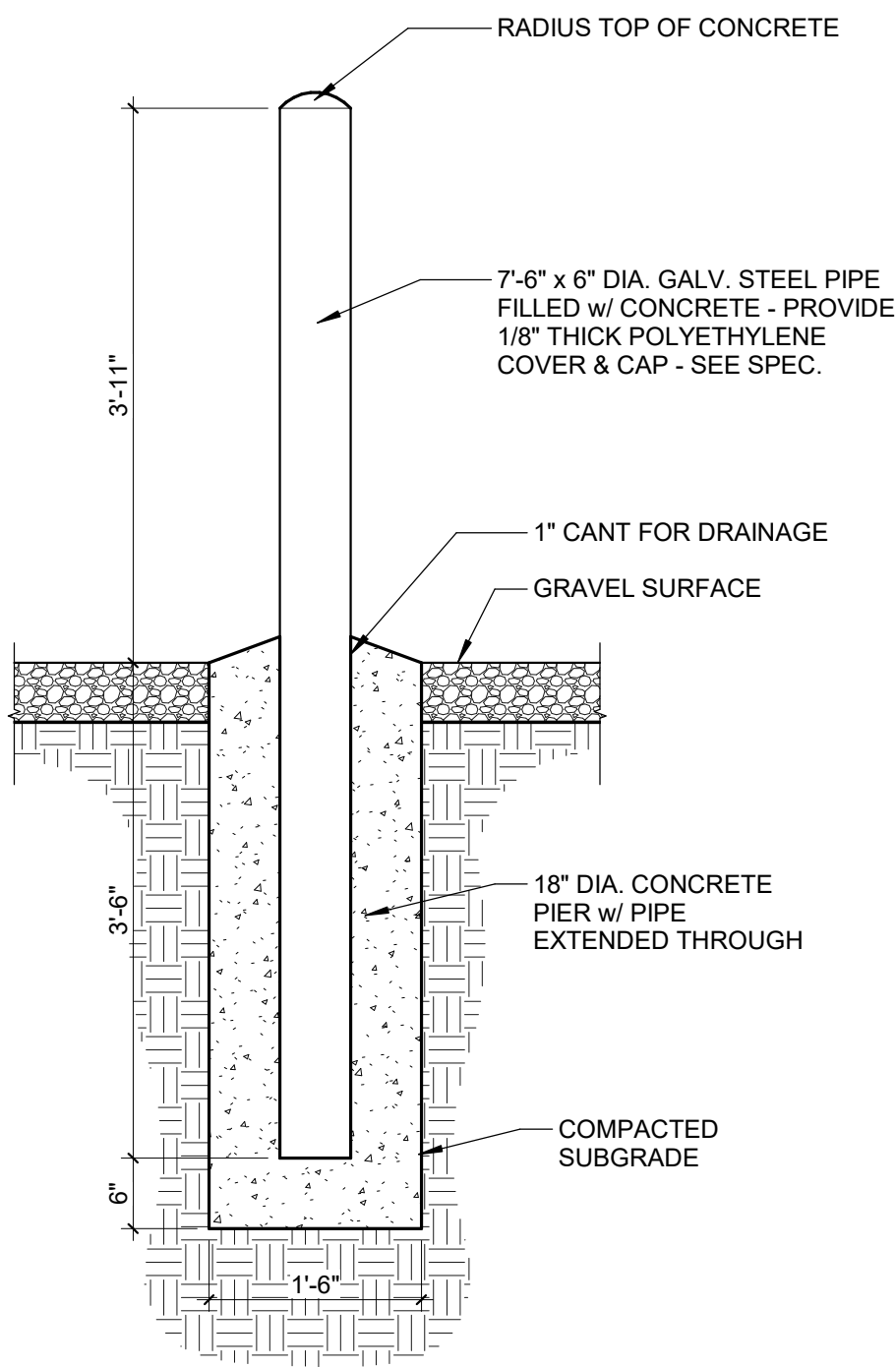
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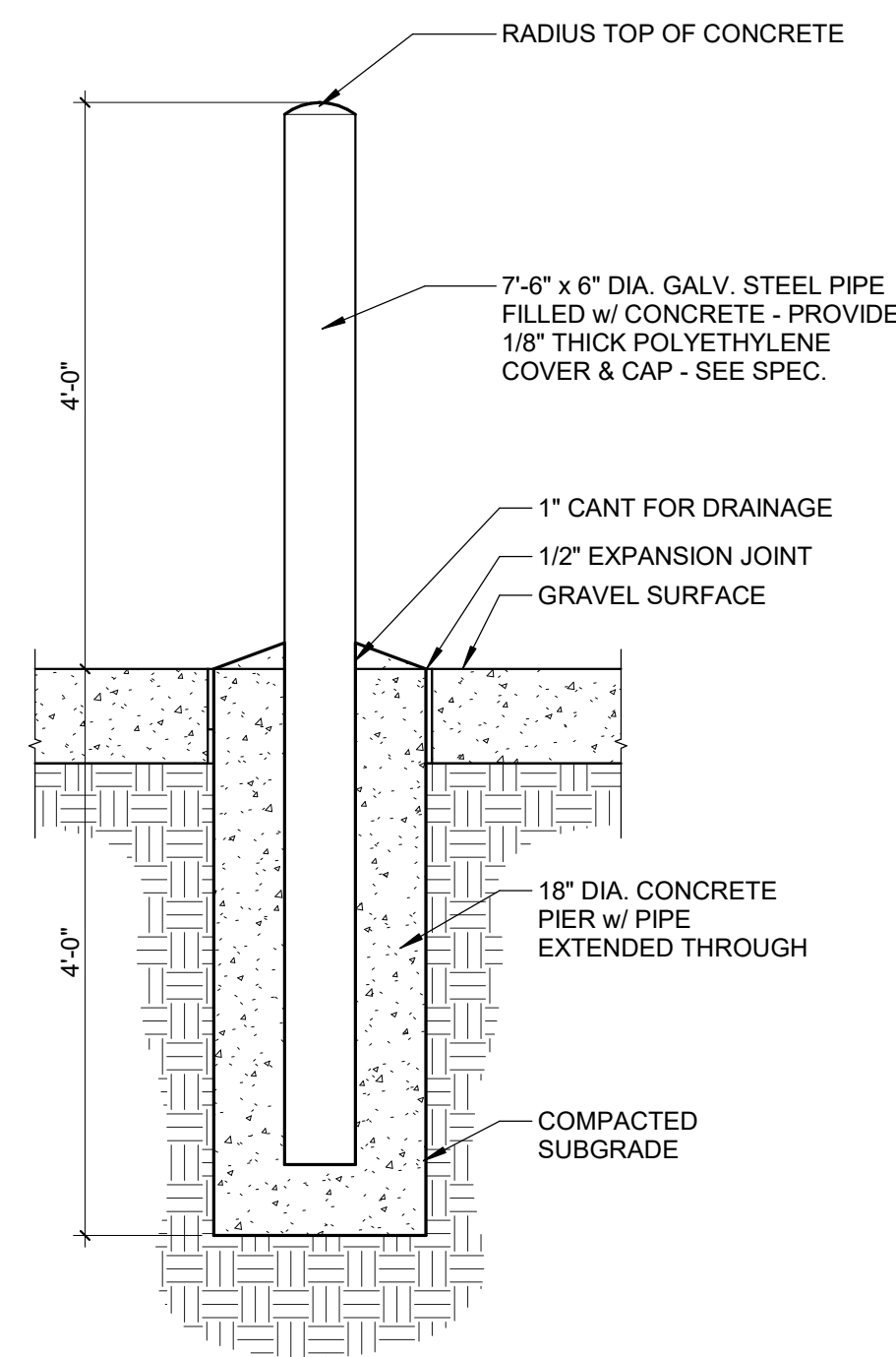
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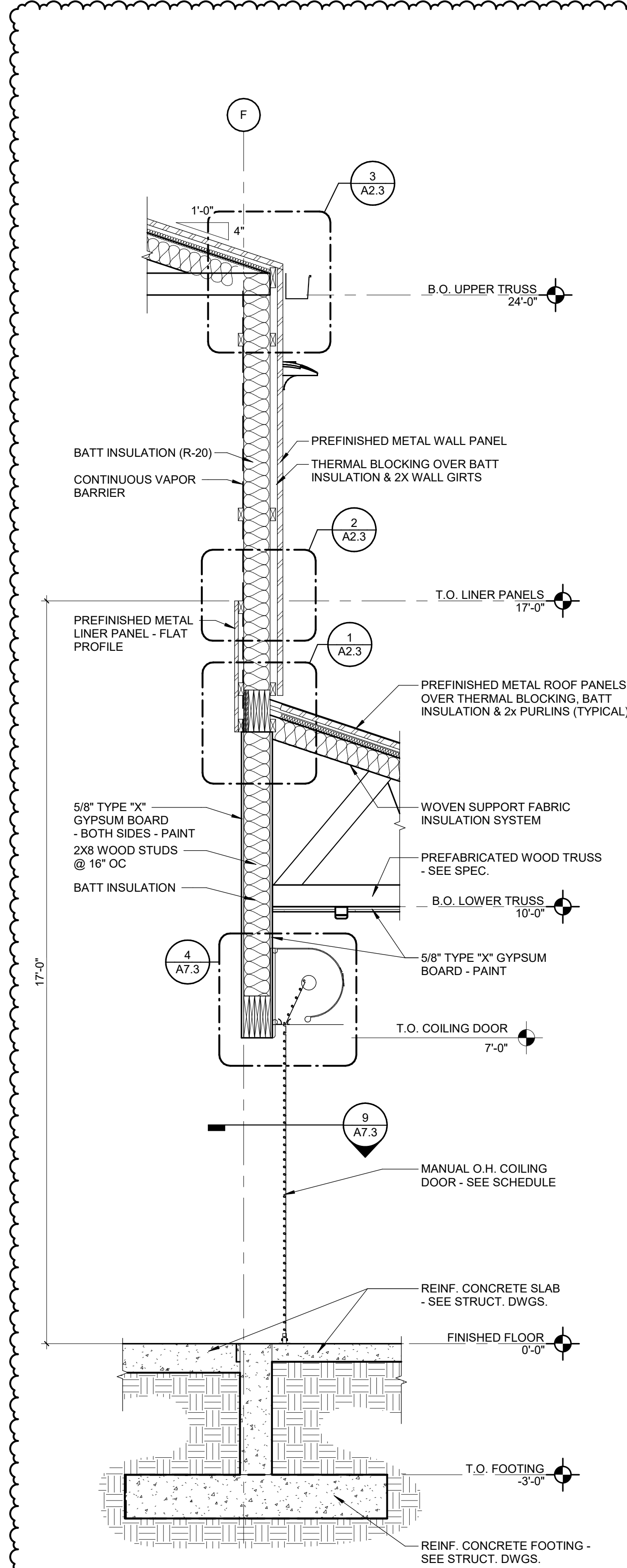
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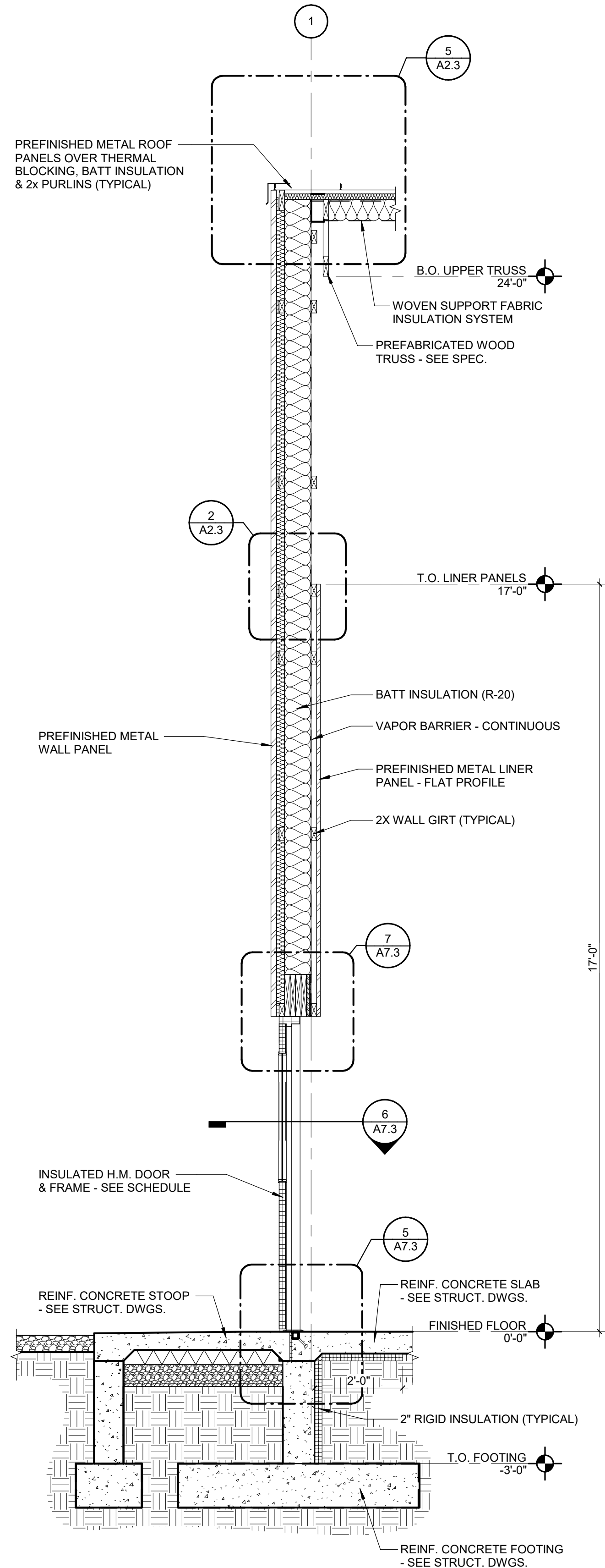
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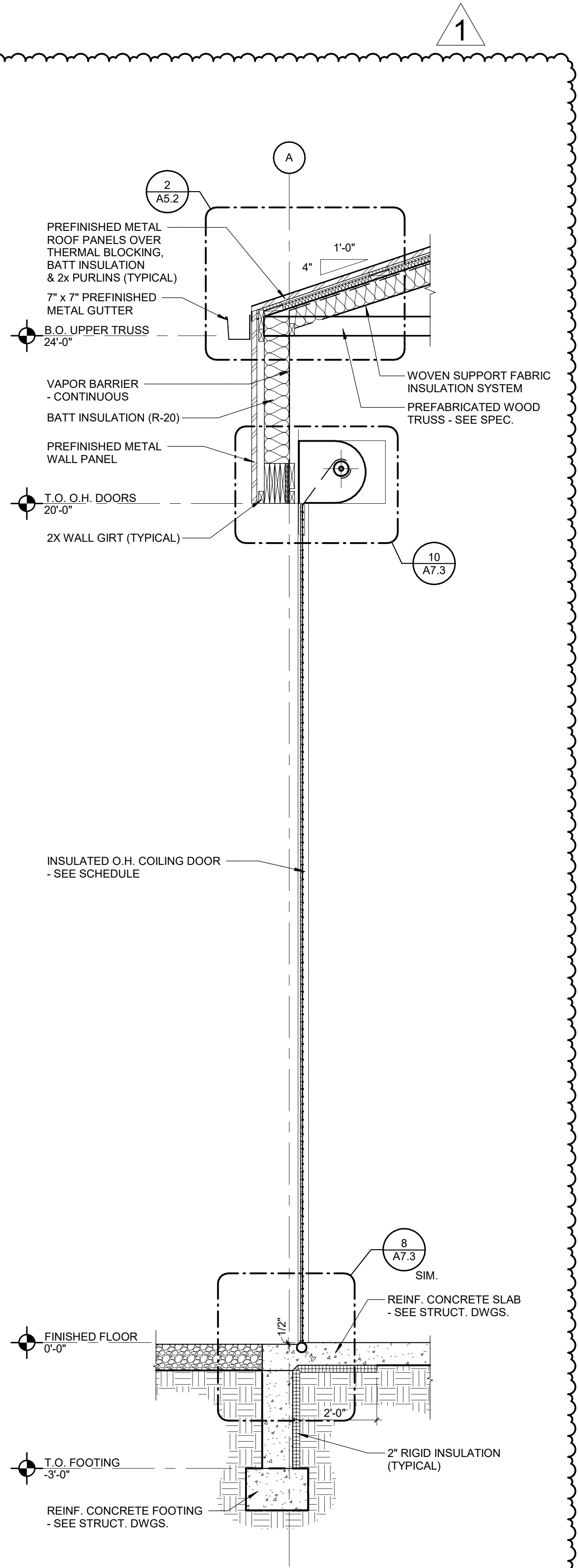
4 INTERIOR BOLLARD DETAIL
SCALE: 3/4" = 1'-0"



3 WALL SECTION @ SUPPORT AREA
SCALE: 1/2" = 1'-0"

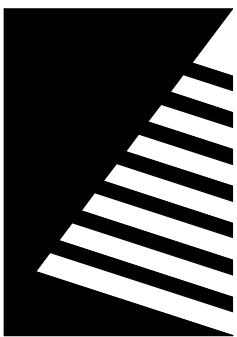


2 TYPICAL WALL SECTION @ EXTERIOR H.M. DOOR
SCALE: 1/2" = 1'-0"



1 TYPICAL WALL SECTION @ O.H. COILING DOOR
SCALE: 1/2" = 1'-0"

8/20/2025 6:38:19 PM



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14225 UNIVERSITY AVENUE, SUITE 110
WAUKEE, IOWA 50263
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DATE: DESCRIPTION:

1 08/20/2025 ADDENDUM #2

100% BID DOCUMENTS

PROJECT:

State of Iowa

Newton Correctional
Facility Iowa Prison
Industries Phase II

Newton, Iowa

DATE: 07/18/2025

DESIGNED: LS

DRAWN: SD

REVIEWED: LS

DAS NO.: 9239.02 & 9239.03

SHEET TITLE:

PARTITION TYPES

SHEET NUMBER:

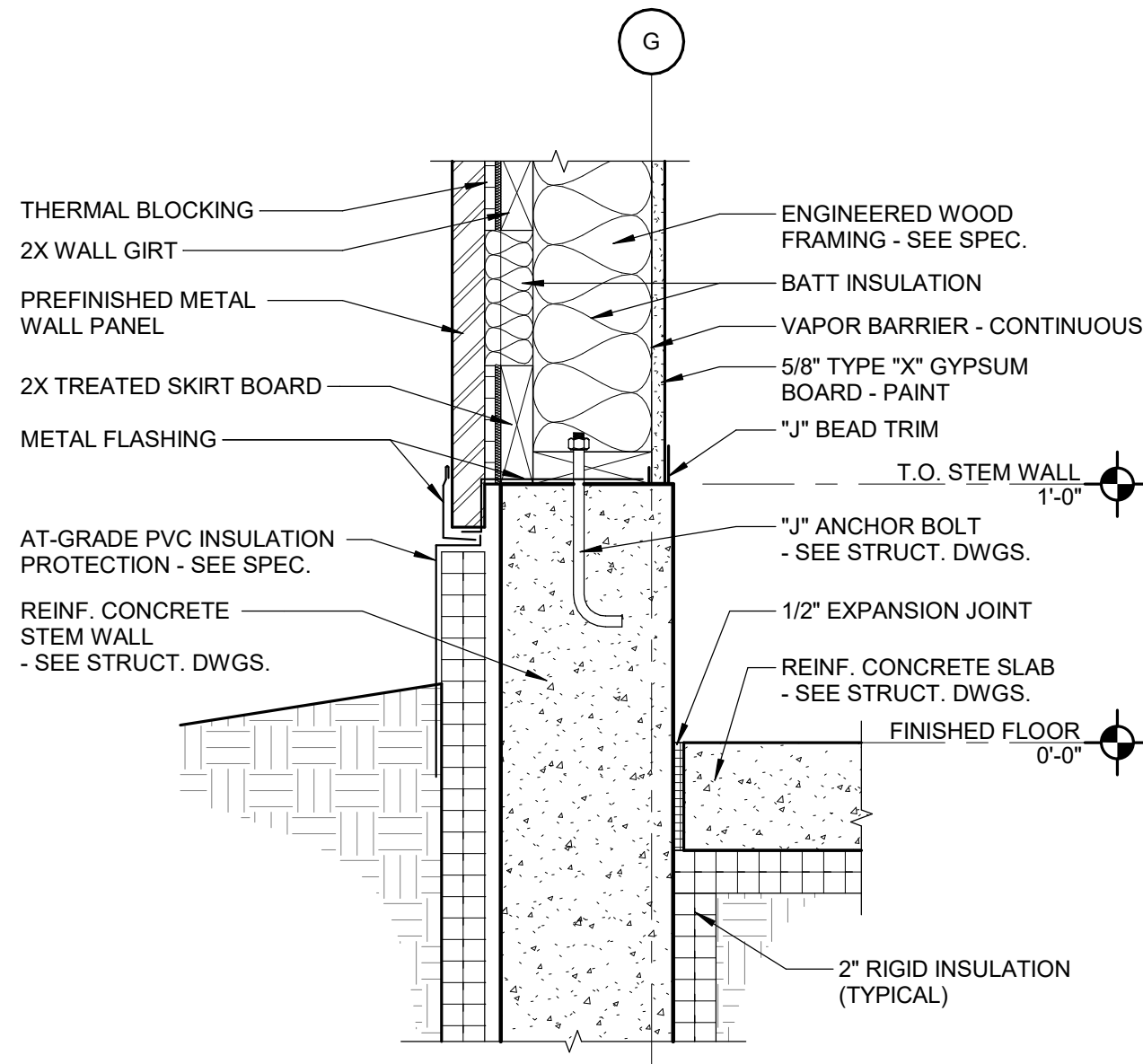
A7.1

PROJECT NO.: 02401959.001

PARTITION TYPE NOTES

- A. CONTROL JOINTS SHALL BE INSTALLED AT ALL CONSTRUCTION CHANGES WITHIN A PLANE OF PARTITION OR CEILING. AT PARTITION RUNS THAT EXCEED 30'-0" IN LENGTH, CEILING DIMENSIONS THAT EXCEED 50' IN EITHER DIRECTION WITH PERIMETER RELIEF AND 30' WITHOUT. AT WINGS OF "L", "U" AND "T" SHAPED CEILING AREAS, AT BUILDING EXPANSION OR CONTROL JOINTS.
- B. CONTROL JOINTS SHALL BE INSTALLED AT EACH DOOR WITH CLOSERS FROM OUTSIDE CORNER OF THE TOP OF DOOR JAMB TO ABOVE CEILING. REFER TO PUBLISHED CONTROL JOINT DETAILS IN GA 600-900 FIRE RESISTANCE DESIGN MANUAL.
- C. AT THE BASE OF ALL WALLS NOT REQUIRING SOUND ATTENUATION INSULATION, ENSURE THAT THE GYPSUM BOARD WALL PANELS ARE NOT OFFSET FROM THE SUBFLOOR GREATER THAN 1/2". IF CONSTRUCTION CONDITIONS REQUIRE THE GYPSUM BOARD WALL PANELS TO BE INSTALLED WITH AN OFFSET GREATER THAN 1/2", PROVIDE A CONTINUOUS BEAD OF BACKER ROD AND SEALANT TO PREVENT THE WALL BASE FROM DEFLECTING INTO THE CAVITY.
- D. PROVIDE RED ROSIN PAPER OR SIMILAR MATERIAL BETWEEN DISSIMILAR MATERIALS
- E. PROVIDE 5/8" FIRE RATED MOISTURE RESISTANT/MOLD RESISTANT GYPSUM BOARD AT ALL LOCATIONS WHERE WATER PRODUCING DEVICES MAY BE PRESENT OR SPLASHED ONTO THE WALL SURFACE (I.E. WATER COOLERS, SINKS, LAVATORIES, HOSE BIBS, ETC.). EXTEND GYPSUM BOARD A MINIMUM OF 4'-0" IN ALL DIRECTIONS FROM CENTER OF DEVICE.
- F. PROVIDE CONTINUOUS STIFFENER CHANNELS AT 4'-0" MAXIMUM VERTICAL SPACING, TYPICAL. ALSO PROVIDE AT MIDPOINT BETWEEN BOTTOM OF STRUCTURE AND HEAD OF INTERIOR WINDOWS AND DOORS AS WELL AS HINGE MIDPOINT AT DOORS. IF DOOR OPENING IS OVER 4'-0" LONG, PROVIDE STIFFENER CHANNELS AT ALL HINGE POINTS FOR MINIMUM OF 2 STUD SPACES HORIZONTALLY.

1

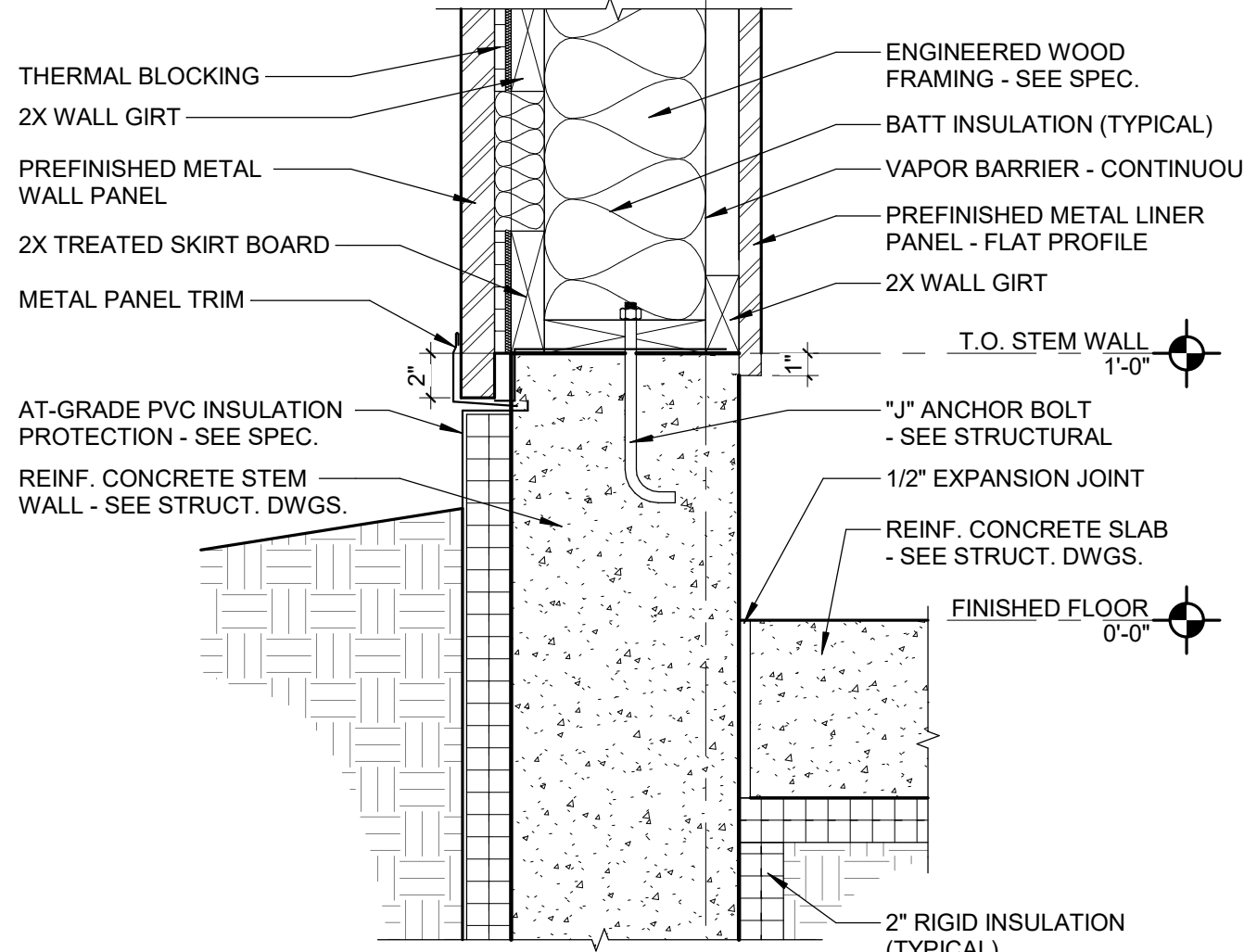


3

SUPPORT AREA EXTERIOR WALL DETAIL

SCALE: 1 1/2" = 1'-0"

1

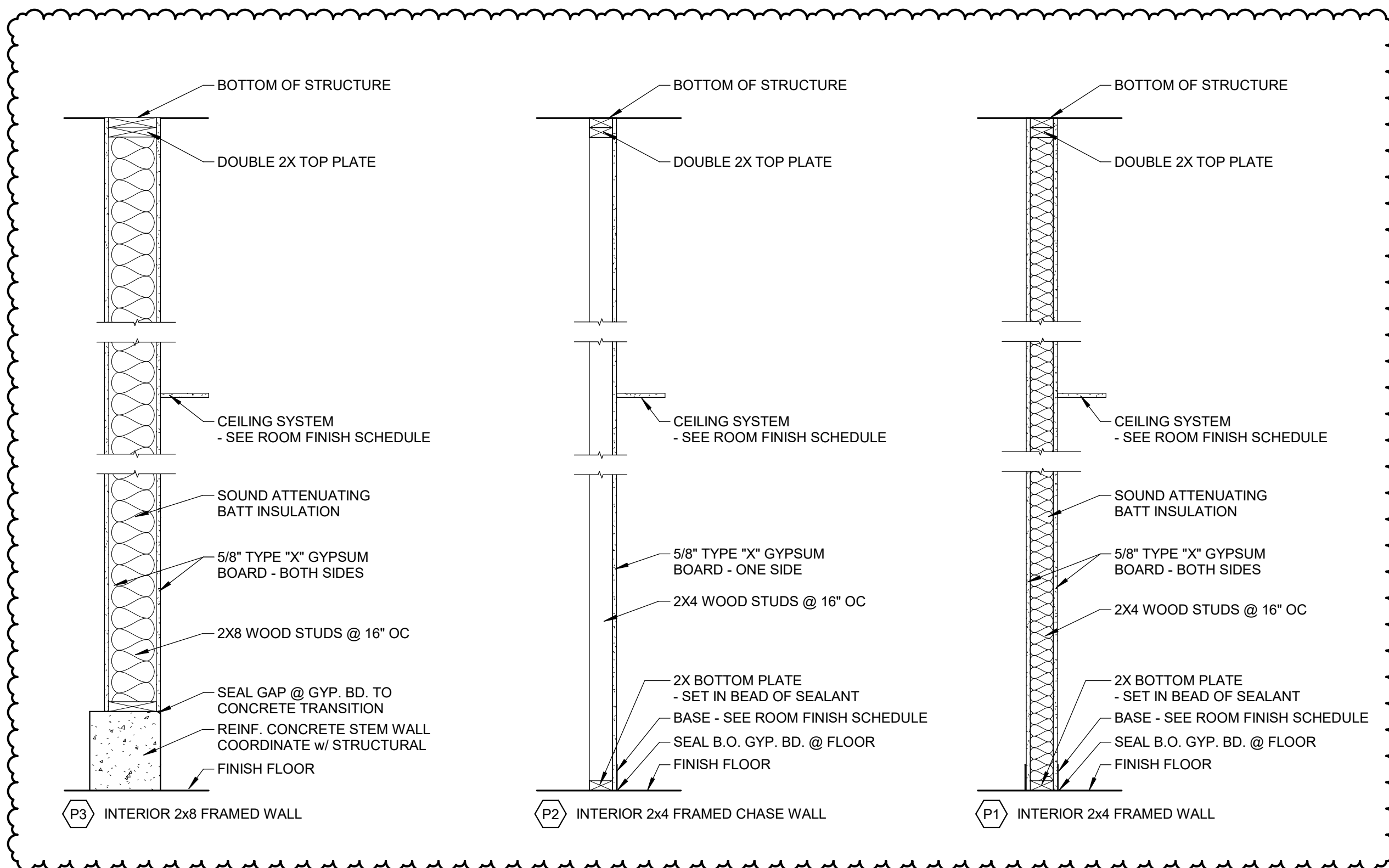


2

TYPICAL EXTERIOR WALL DETAIL

SCALE: 1 1/2" = 1'-0"

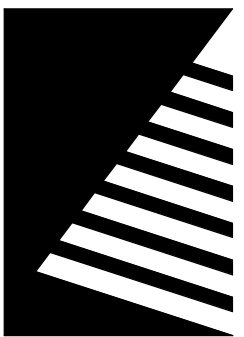
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1

PARTITION TYPES

SCALE: 3/4" = 1'-0"

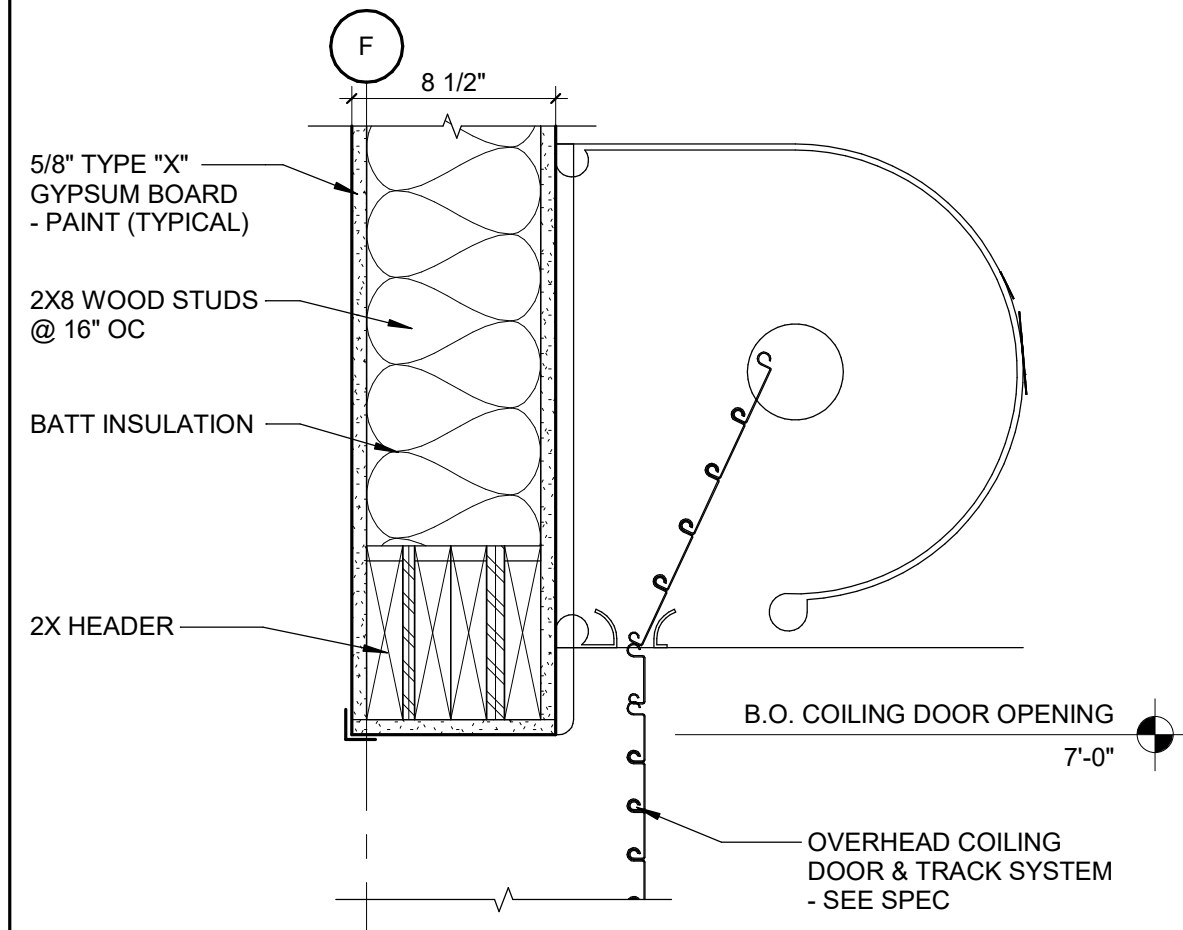


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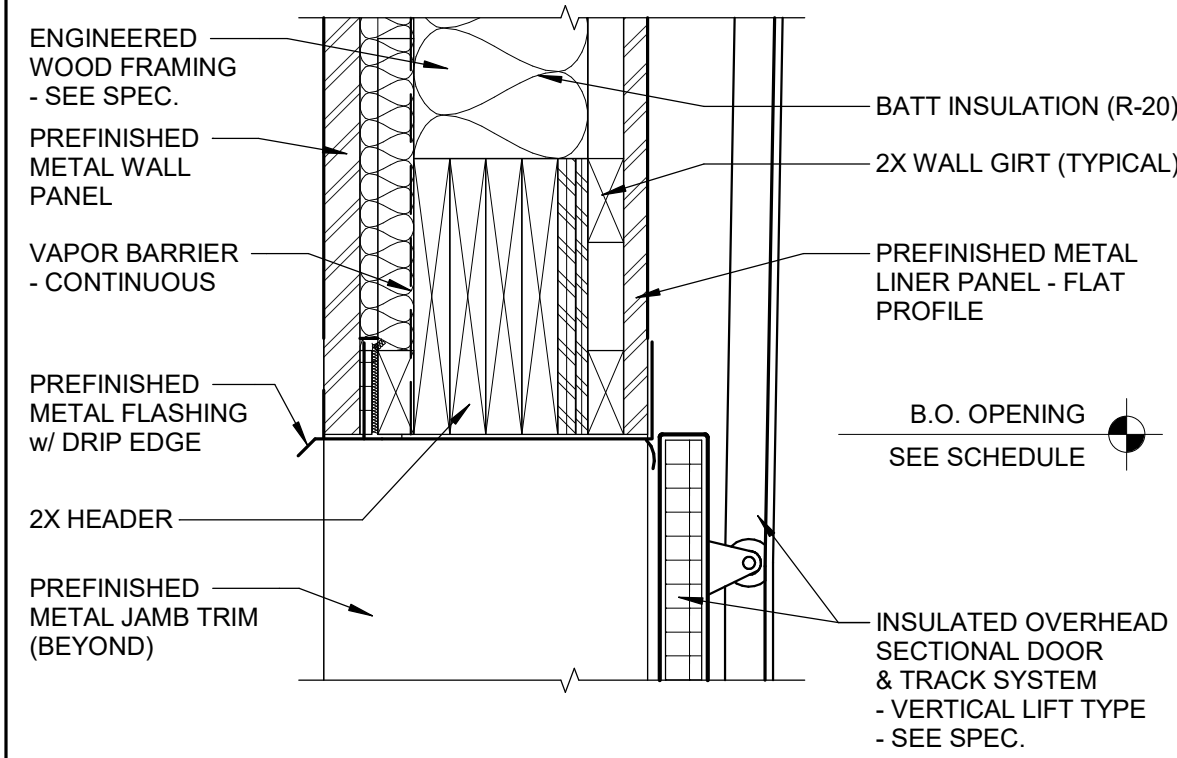
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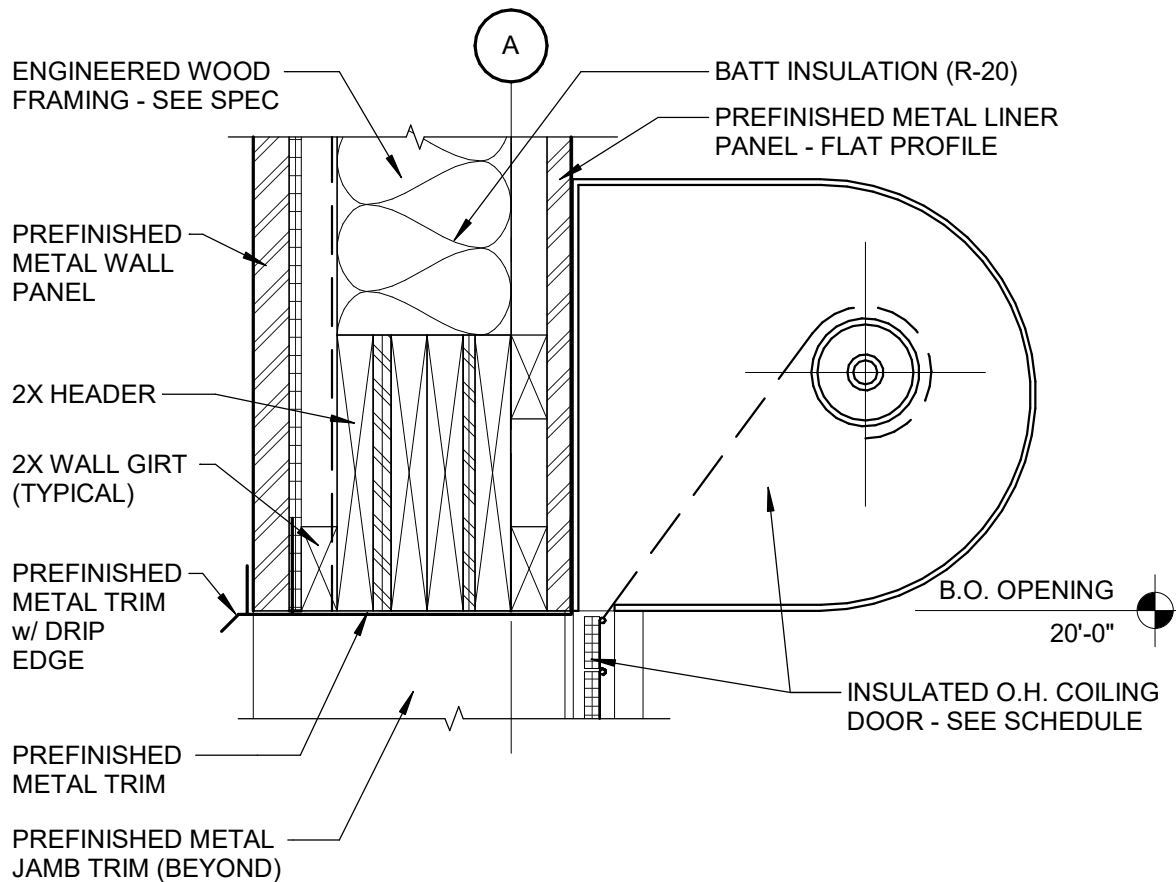
ISSUE:
DATE: DESCRIPTION:
1 08/20/2025 ADDENDUM #2



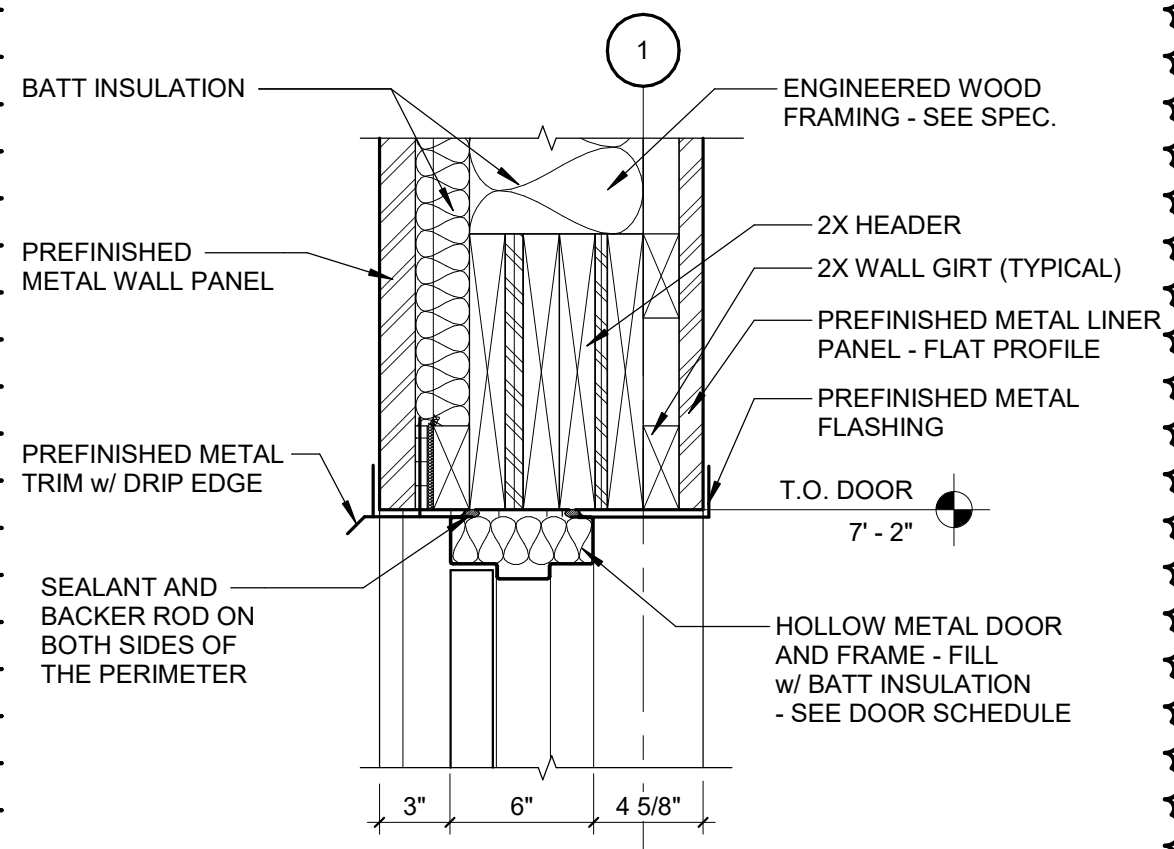
4 INT. COILING DOOR HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



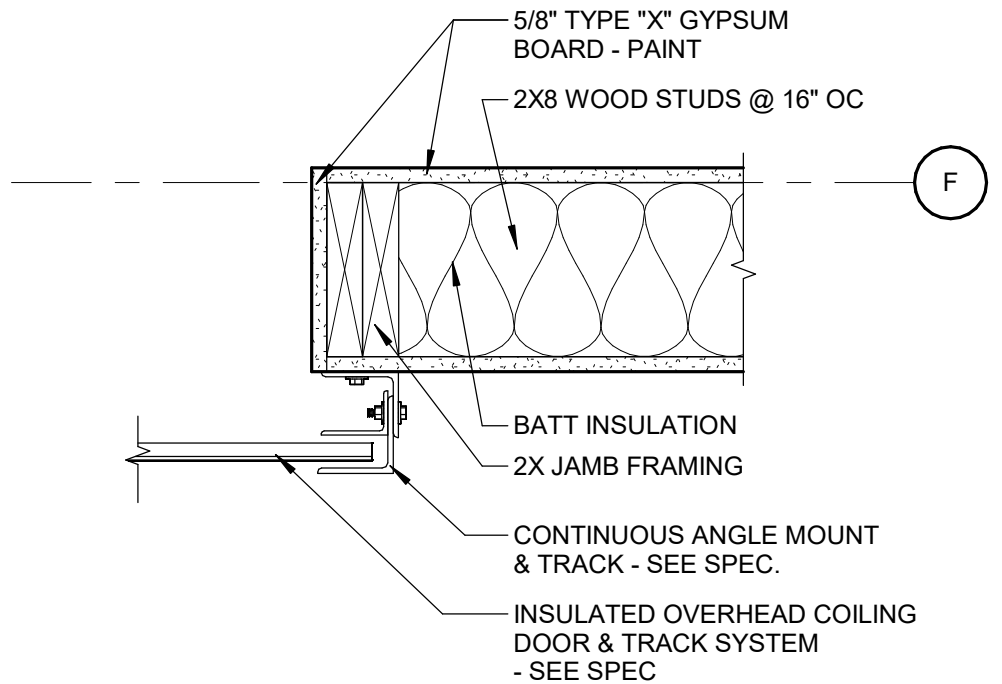
13 OH SECTIONAL DOOR HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



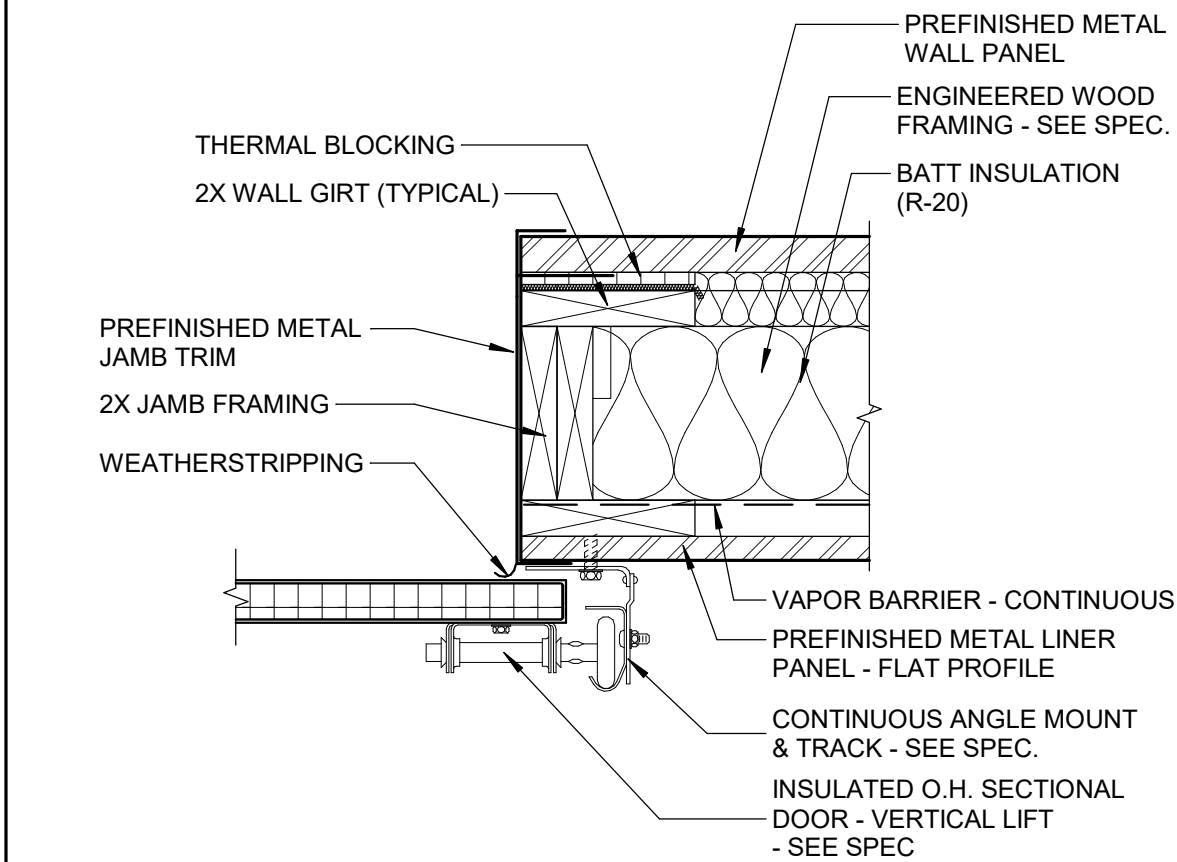
10 EXT. COILING DOOR HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



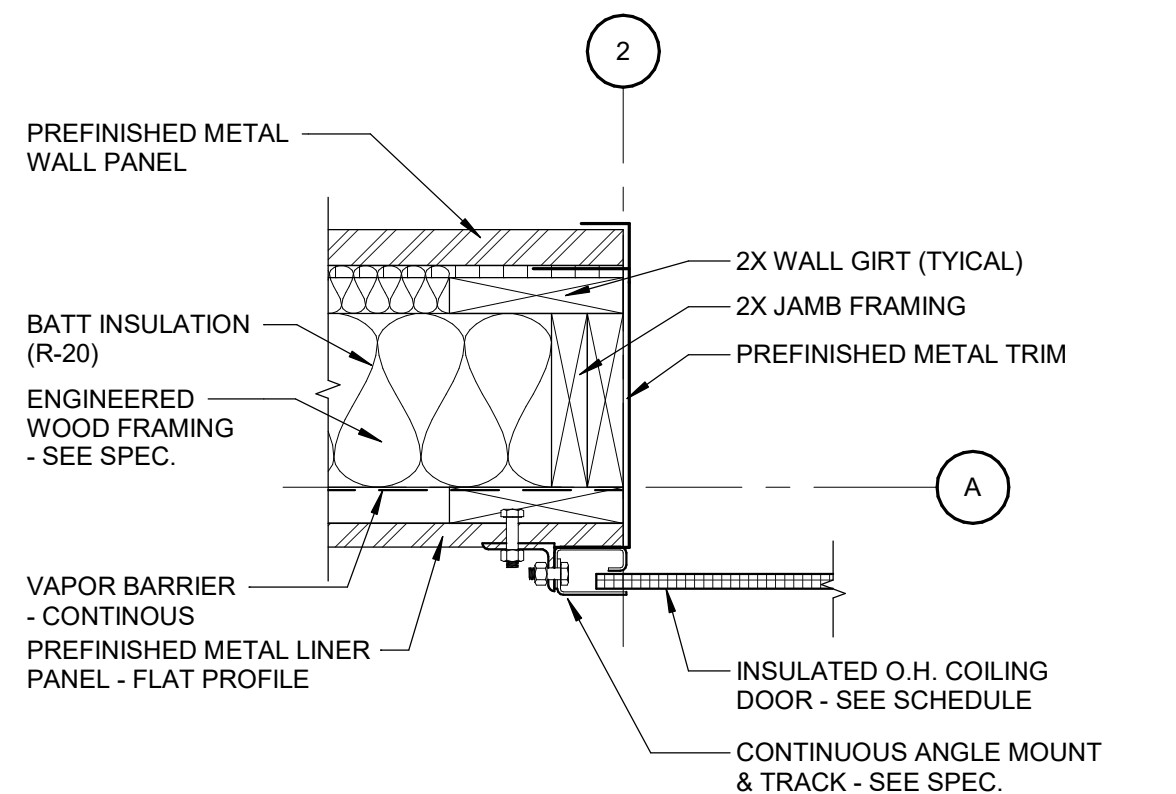
7 EXT. HM DOOR HEAD
SCALE: 1 1/2" = 1'-0"



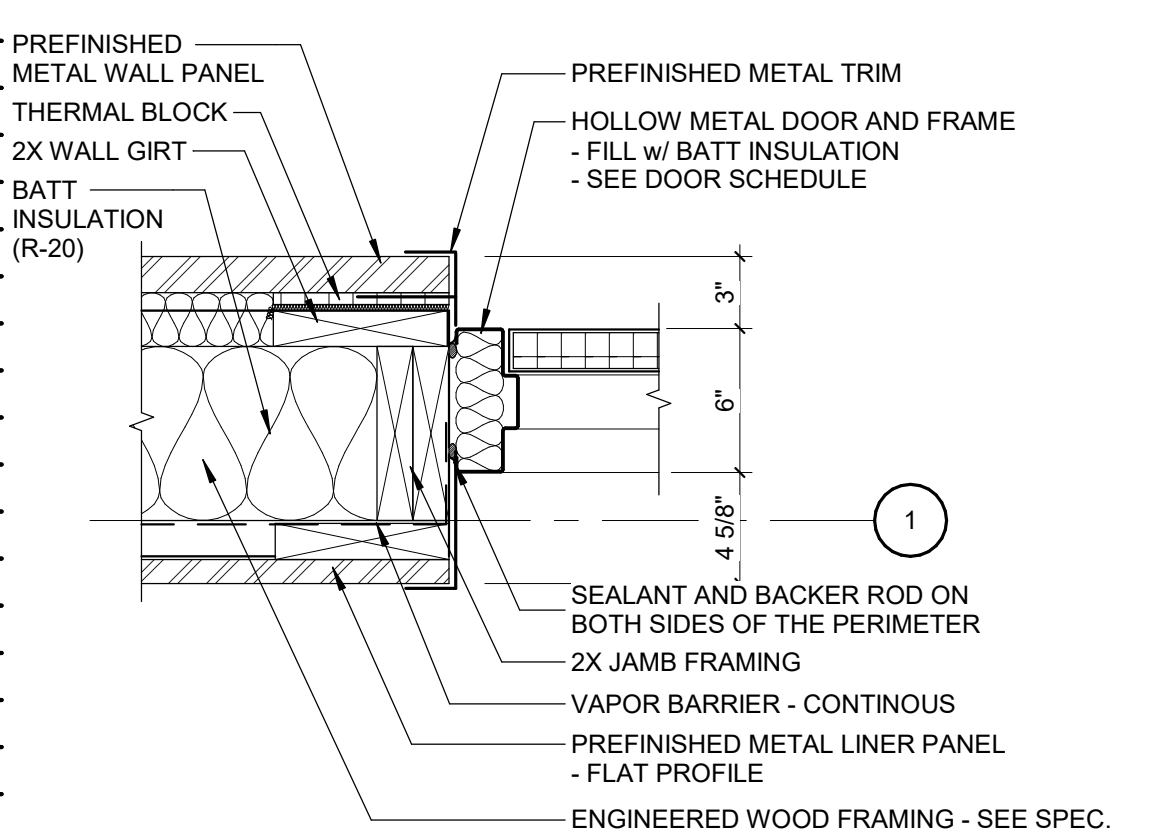
3 INT. COILING DOOR JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



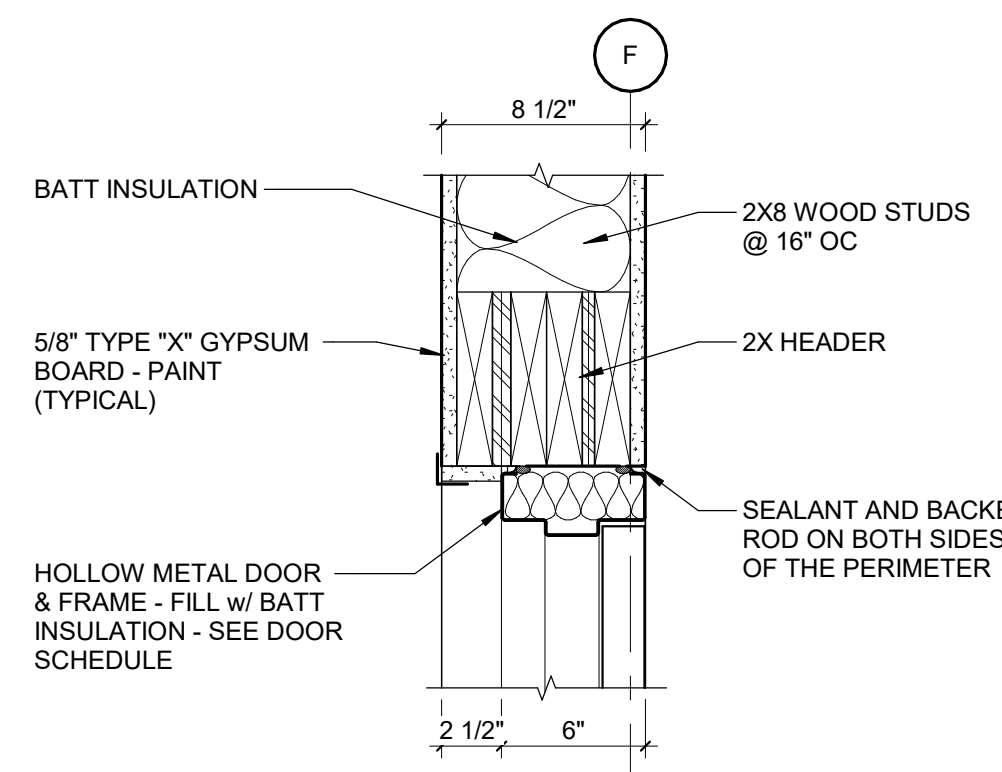
12 OH SECTIONAL DOOR JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



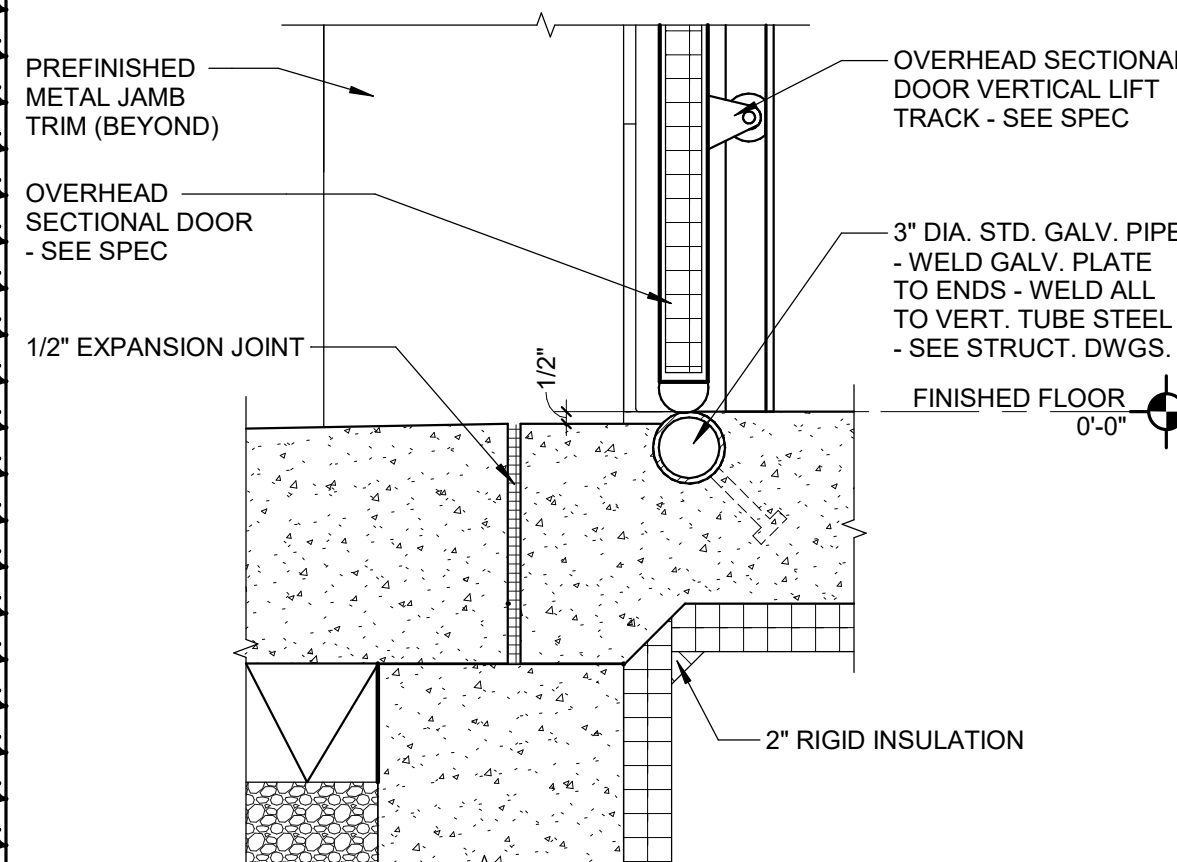
9 EXT. COILING DOOR JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



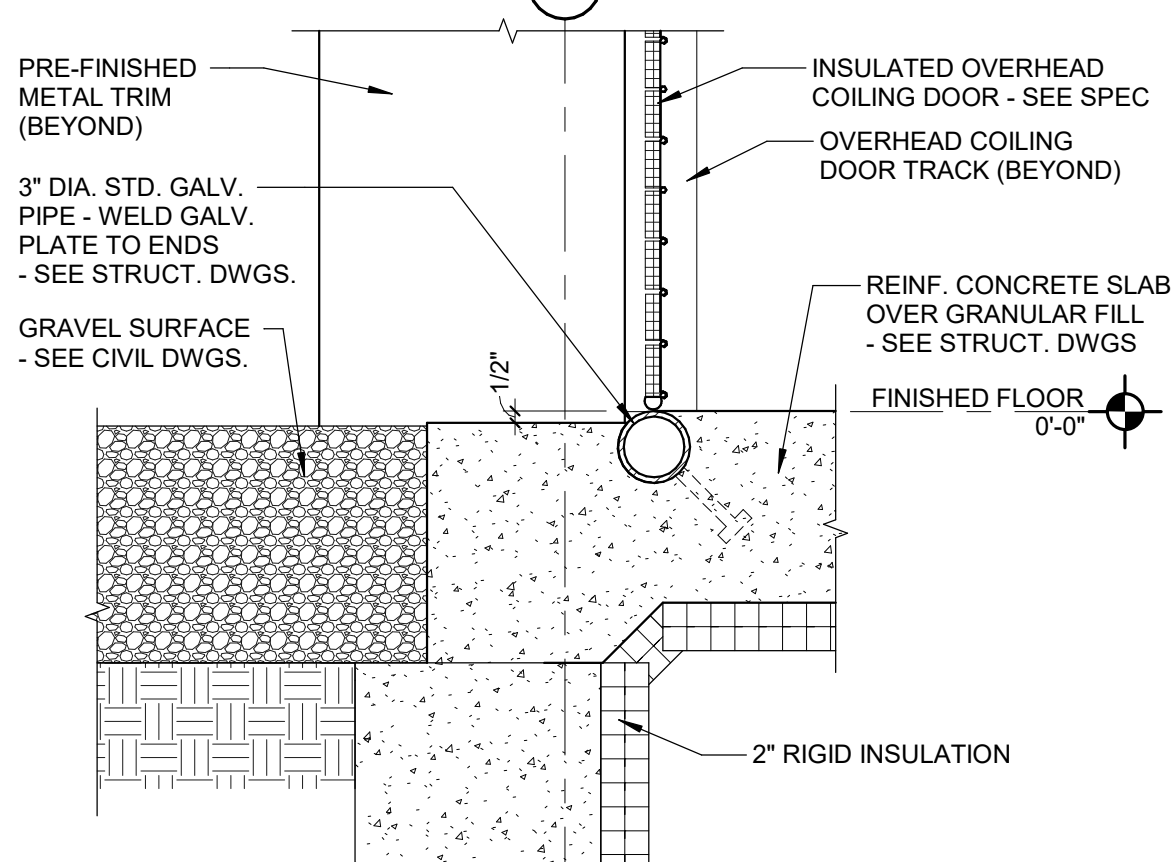
6 EXT. HM DOOR JAMB
SCALE: 1 1/2" = 1'-0"



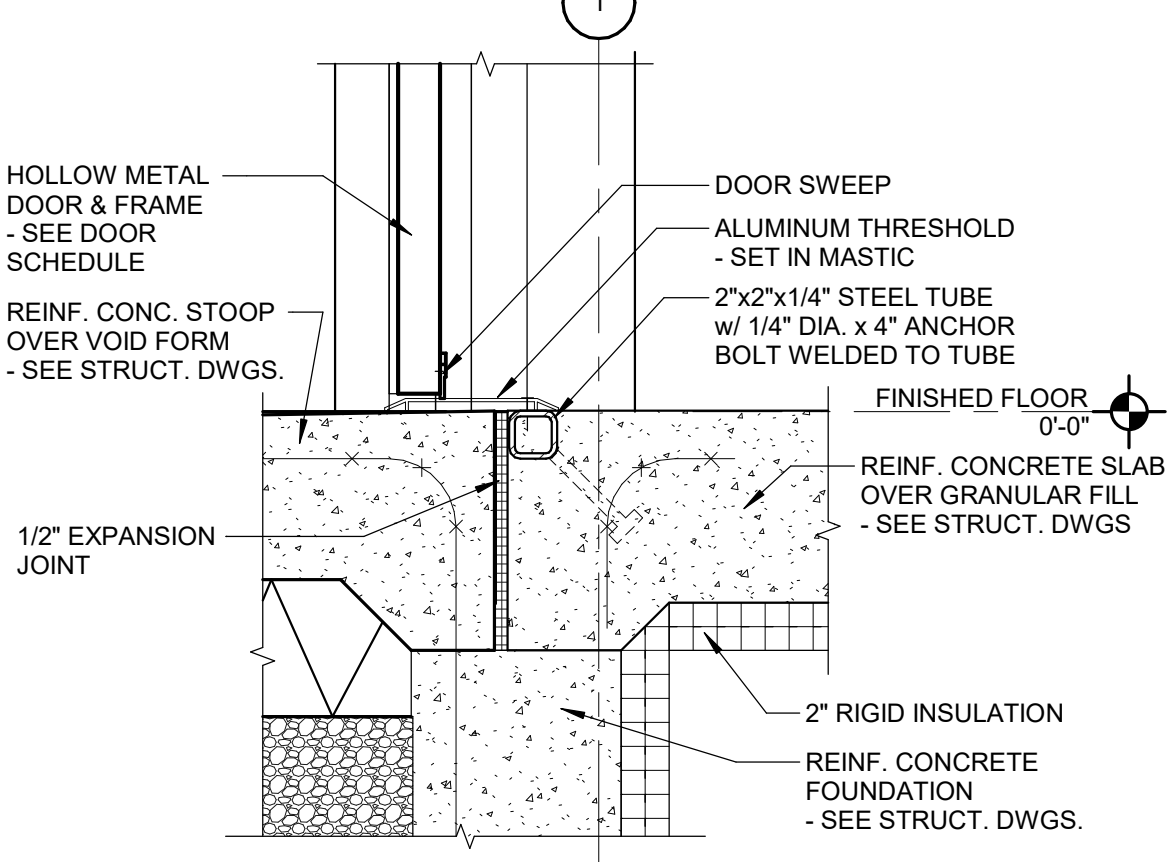
2 H.M. DOOR HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



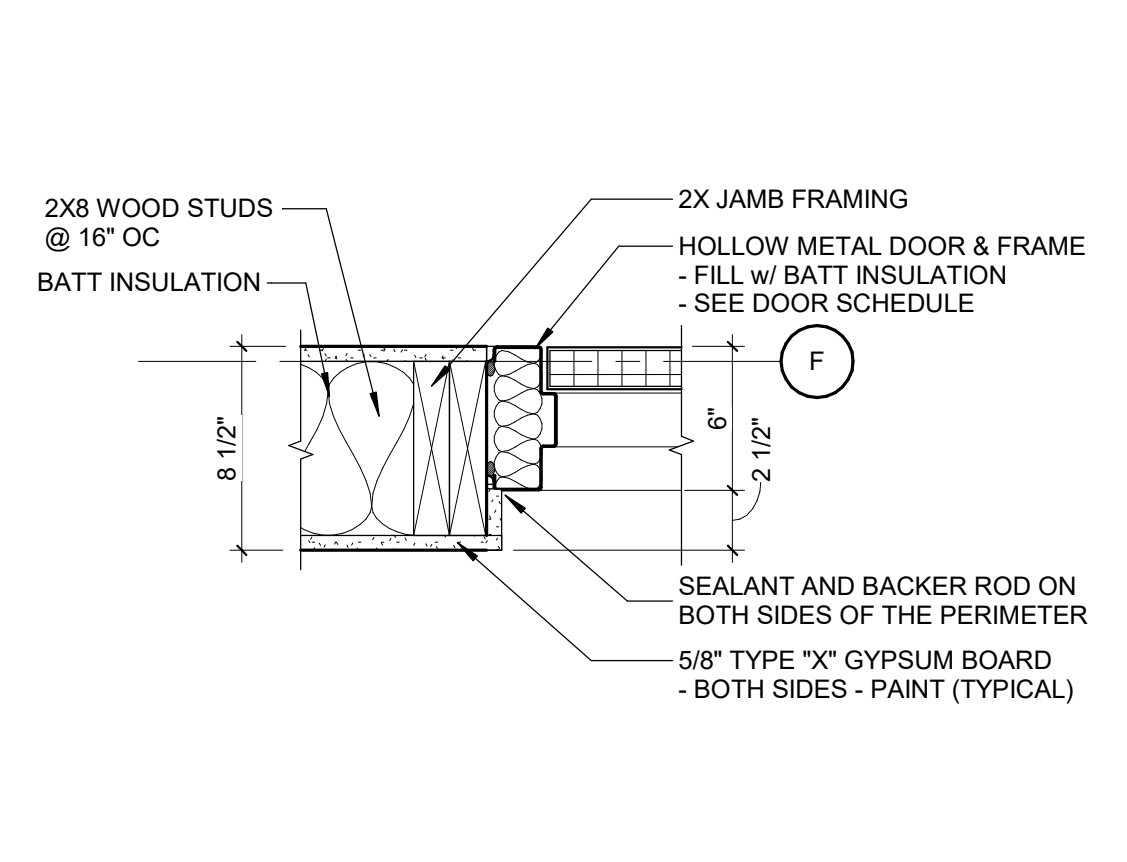
11 OH SECT. DOOR THRESHOLD DETAIL
SCALE: 1 1/2" = 1'-0"



8 EXT. COILING DOOR THRESHOLD DETAIL
SCALE: 1 1/2" = 1'-0"



5 EXT. HM DOOR THRESHOLD DETAIL
SCALE: 1 1/2" = 1'-0"



1 H.M. DOOR JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

100% BID DOCUMENTS

PROJECT:
State of Iowa

Newton Correctional
Facility Iowa Prison
Industries Phase II

Newton, Iowa

DATE: 07/18/2025

DESIGNED: LS

DRAWN: SD

REVIEWED: LS

DAS NO.: 9239.02 & 9239.03

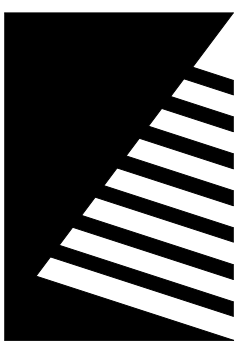
SHEET TITLE:

DOOR DETAILS

SHEET NUMBER:

A7.3

PROJECT NO.: 02401959.001



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14225 UNIVERSITY AVENUE, SUITE 110
WAUKEE, IOWA 50263
(515) 225-3469 / info@f-w.com

www.f-w.com
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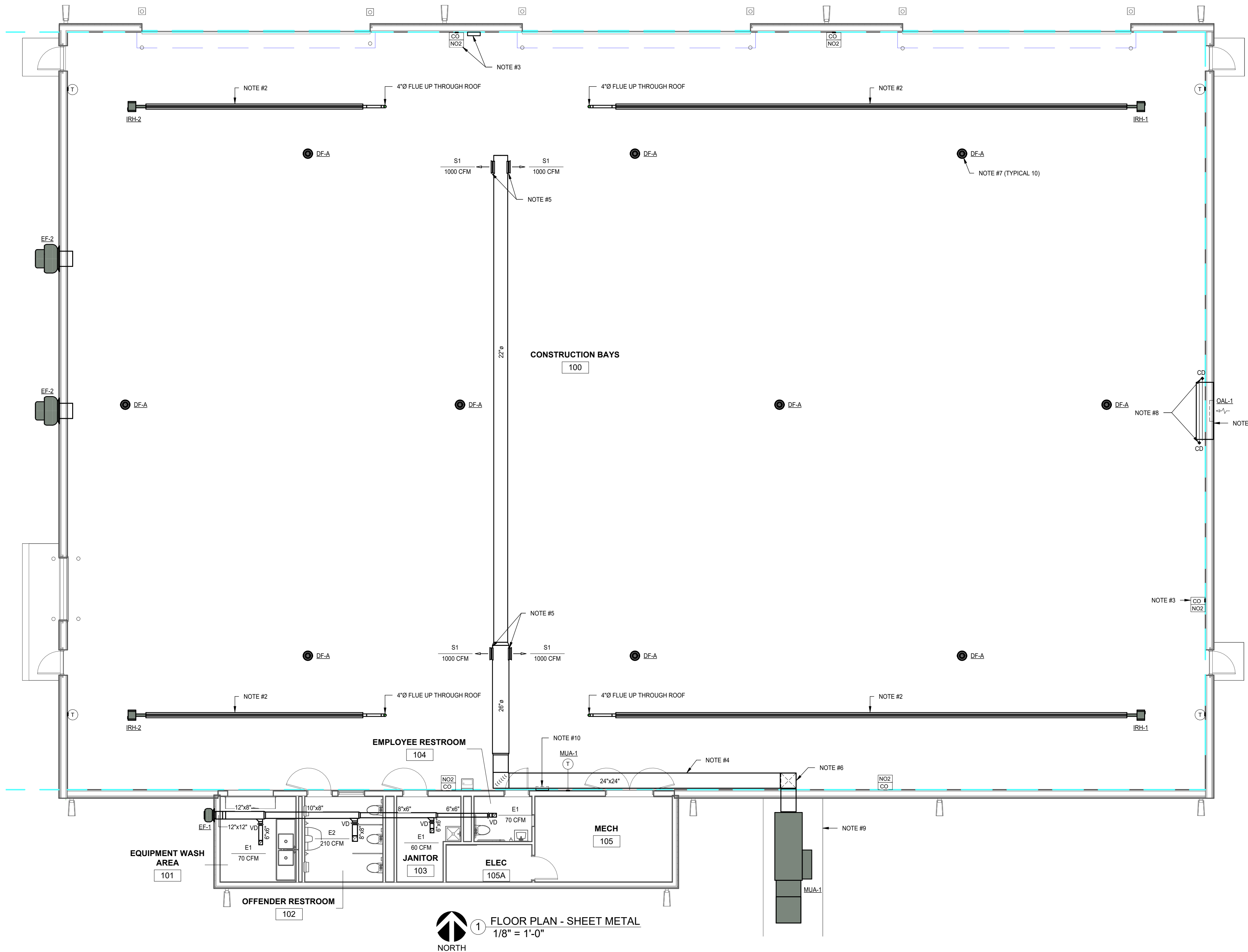
ISSUE:		
#	DATE:	DESCRIPTION:
2	08/20/2025	ADDENDUM #2

GENERAL NOTES

- COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATED SHALL INCLUDE, BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, WORK ABOVE LAY-IN CEILINGS, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
- DRAWINGS SHOWING LOCATIONS OF EQUIPMENT, PIPING, ETC. ARE DIAGRAMMATIC AND MAY NOT ALWAYS REFLECT ACTUAL INSTALLATION CONDITIONS. DRAWINGS SHOW THE GENERAL ARRANGEMENT OF ALL DUCTWORK, PIPING, EQUIPMENT, ETC. AND MAY NOT INCLUDE ALL OFFSETS AND FITTINGS AS REQUIRED FOR COMPLETE INSTALLATION. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING CONSTRUCTION AND THE WORK OF OTHERS WILL PERMIT.

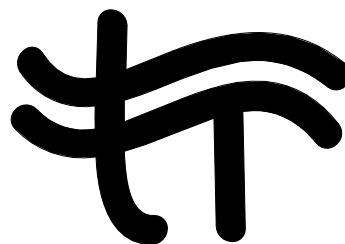
REFERENCE NOTES

- OAL-1 TO BE INSTALLED AT 36" ABOVE FINISHED FLOOR.
- HANG INFRARED HEATERS AT A HEIGHT OF 23'-4" ABOVE FINISHED FLOORS. REVIEW MANUFACTURER'S INSTALLATION INSTRUCTIONS INCLUDING CLEARANCES.
- GAS DETECTION SYSTEM CONTROL PANEL, CARBON MONOXIDE SENSOR, AND NITROGEN DIOXIDE SENSOR. MOUNT SENSORS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- ROUTE DUCTWORK AS HIGH AS POSSIBLE UNDER TRUSS STRUCTURE TO MAXIMIZE CLEARANCE.
- ANGLE DIFFUSERS (S1) (APPROXIMATELY 13 DEGREES OFF CENTER AXIS) FOR BEST DISTRIBUTION OF VENTILATION AIR.
- DUCTWORK PROTECTION BY OWNER.
- DESTRATIFICATION FANS (DF-A) TO BE LOCATED ABOVE THE BOTTOM OF TRUSS STRUCTURE. REVIEW MANUFACTURER INSTALLATION INSTRUCTIONS.
- DAMPER FOR LOUVER WILL REQUIRE TWO (2) DAMPER SECTIONS AND TWO (2) ELECTRIC OPERATORS DUE TO WIDTH.
- CONCRETE EQUIPMENT PAD FOR MOUNTING MUA-1 TO BE PROVIDED AS PART OF BID PACKAGE #1 GENERAL CONSTRUCTION. SELECTED MUA-1 MANUFACTURER TO PROVIDE NECESSARY DIMENSIONS, SPECIFICATIONS, ETC. FOR THE SELECTED UNIT. REFERENCE S1.1 FOR FURTHER DETAILS.
- MUA-1 CONTROL PANEL LOCATION.



ALTERNATE BID #1 NOTE

DRAWINGS M4.1 AND M4.1A REPRESENT THE BASE BID AND ALTERNATE BID LAYOUTS FOR THIS FACILITY. IT IS RECOMMENDED THAT CONTRACTORS CONDUCT A COMPLETE BID TAKE OFF OF DRAWING M4.1 FOR THE BASE BID, THEN CONDUCT A COMPLETE TAKEOFF OF DRAWING M4.1A. THE PRICE ADDER FOR THE ALTERNATE BID SHOULD BE CALCULATED BY COMPARING QUANTITIES BETWEEN THE BASE BID TO THE ALTERNATE BID.



Twin Rivers Engineering Consultants
1000 Illinois Street
Des Moines, Iowa 50314
Phone: 515-288-3679 Fax: 515-288-4012
TRE Project #24038.01

100% BID DOCUMENTS

PROJECT:
State of Iowa

Newton Correctional
Facility Iowa Prison
Industries Phase II

Newton, Iowa

DATE:	07/18/2025
DESIGNED:	NE
DRAWN:	CEG/MVN
REVIEWED:	NE
DAS NO.:	9239.02-.003

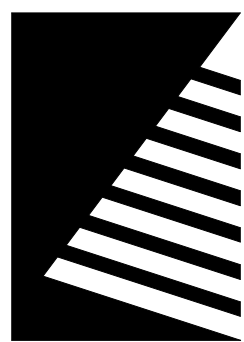
SHEET TITLE:

FLOOR PLAN - SHEET
METAL

SHEET NUMBER:

M4.1

PROJECT NO.: 02401959.001



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WAUKEE, IOWA 50263
(515) 225-3469 / info@f-w.com

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2	08/20/2025	ADDENDUM #2

100% BID DOCUMENTS

PROJECT:
State of Iowa

Newton Correctional
Facility Iowa Prison
Industries Phase II

Newton, Iowa

DATE: 07/18/2025

DESIGNED: NE

DRAWN: CEG/MVN

REVIEWED: NE

DAS NO.: 9239.02-.003

SHEET TITLE:

FLOOR PLAN -
ALTERNATE NO.1 -
SHEET METAL

SHEET NUMBER:

M4.1A

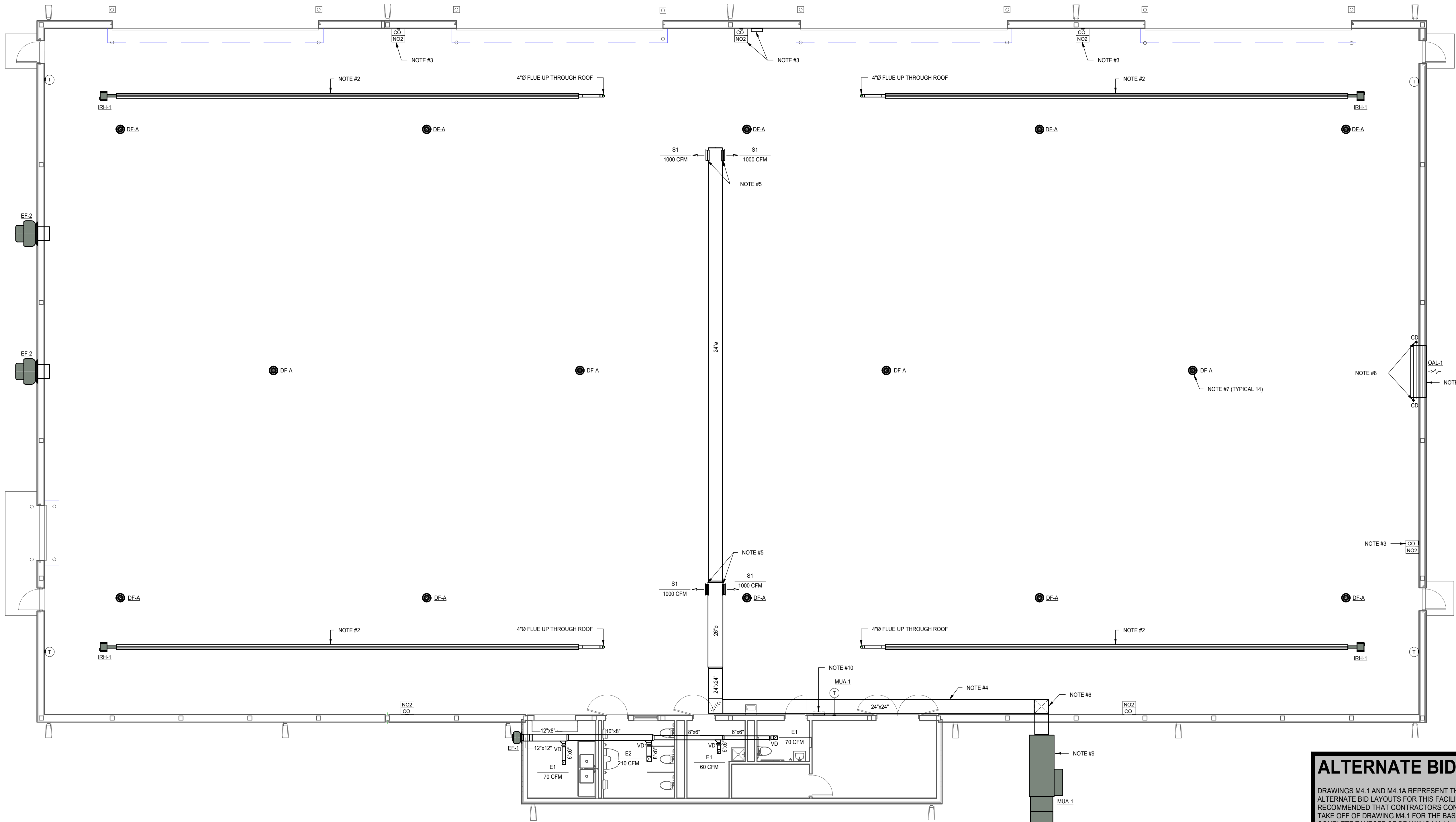
PROJECT NO.: 02401959.001

REFERENCE NOTES

- OAL-1 TO BE INSTALLED AT 36" ABOVE FINISHED FLOOR.
- HANG INFRARED HEATERS AT A HEIGHT OF 23'-4" ABOVE FINISHED FLOORS. REVIEW MANUFACTURER'S INSTALLATION INSTRUCTIONS INCLUDING CLEARANCES.
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GENERAL NOTES

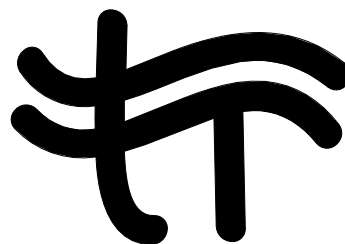
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1 FLOOR PLAN - ALTERNATE NO.1 - SHEET METAL
1/8" = 1'-0"
NORTH

ALTERNATE BID #1 NOTE

DRAWINGS M4.1 AND M4.1A REPRESENT THE BASE BID AND ALTERNATE BID LAYOUTS FOR THIS FACILITY. IT IS RECOMMENDED THAT CONTRACTORS CONDUCT A COMPLETE BID TAKE OFF OF DRAWING M4.1 FOR THE BASE BID, THEN CONDUCT A COMPLETE TAKEOFF OF DRAWING M4.1A. THE PRICE ADDER FOR THE ALTERNATE BID SHOULD BE CALCULATED BY COMPARING QUANTITIES BETWEEN THE BASE BID TO THE ALTERNATE BID.



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Des Moines, Iowa 50314
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TRE Project #24038.01