



Planning/Zoning Application

Planning & Zoning Department

Submitted On:

Dec 19, 2024, 12:11PM EST

Parcel Number: (Include ALL parcels)	WD-D0206-1
Nearest property address to the project site:	Street Address: 1180 Grant Street City: De Pere State: W Zip: 54115
Check each project type that is being applied for:	Site Plan
Current De Pere Zoning Districts:	PI-1
Existing Site Land Uses:	Public & Civic
Proposed Site Land Uses:	Public & Civic
Does the project comply with the Comprehensive Plan?	Yes
Has City Staff been contacted for a preapplication meeting?	Yes
Property Owner:	First Name: De Pere Last Name: City of
Is the property owner's address the same as the nearest property address?	Yes
Property Owner's Phone Number:	920-336-4061
Property Owner's Email Address:	erakers@deperewi.gov
Is someone processing the project for the property owner as their authorized representative?	No
Please attach a PDF copy of the site plan.	24136 DE PERE FIRE STATION _2.pdf 24-21 Full Plan Set 11_21_24.pdf
Would you like a basic checklist of information to include in the site plan?	No
How do you plan on paying for your application?	City is the petitioner
Total Due:	\$350.00

Signature Data

First Name: Chase
Last Name: Kuffel
Email Address: ckuffel@deperewi.gov

Chase Kuffel

Signed at: December 19, 2024 12:11pm America/New_York

User's Session Information

IP Address: 216.56.64.34
Referrer URL:

CITY OF DE PERE

335 South Broadway, De Pere, WI 54115 | www.de-pere.org



January 10, 2025

Eric Rakers, City Engineer
City of De Pere – Engineering Division
925 S Sixth ST
De Pere, WI 54115

RE: Site Plan Review for the De Pere Fire Station 2 Addition at 1180 Grant ST
(Parcel WD-D0206-1)

Dear Eric:

Thank you for the site plan for the De Pere Fire Station 2 Addition at 1180 Grant ST. The City of De Pere staff reviewed the site plan on January 10, 2025, and recommended approval with the following condition that must be addressed prior to obtaining occupancy permits.

- After any exterior lighting is installed, provide a statement from the installer that the light spill from the property does not exceed the approved photometric plan.
- After the exterior landscaping is installed, provide a statement from the installer that the landscaping complies with the site plan approved landscaping plan.

You may now proceed to the Inspection Division to begin the process of obtaining permits. Should you have any questions regarding the decision or require further information, feel free to contact me at 339-4043 or pschleinz@deperewi.gov.

Sincerely,

A handwritten signature in black ink that reads "Peter Schlein". The signature is fluid and includes a long horizontal flourish extending to the right.

Peter Schlein
Senior Planner | Zoning Administrator

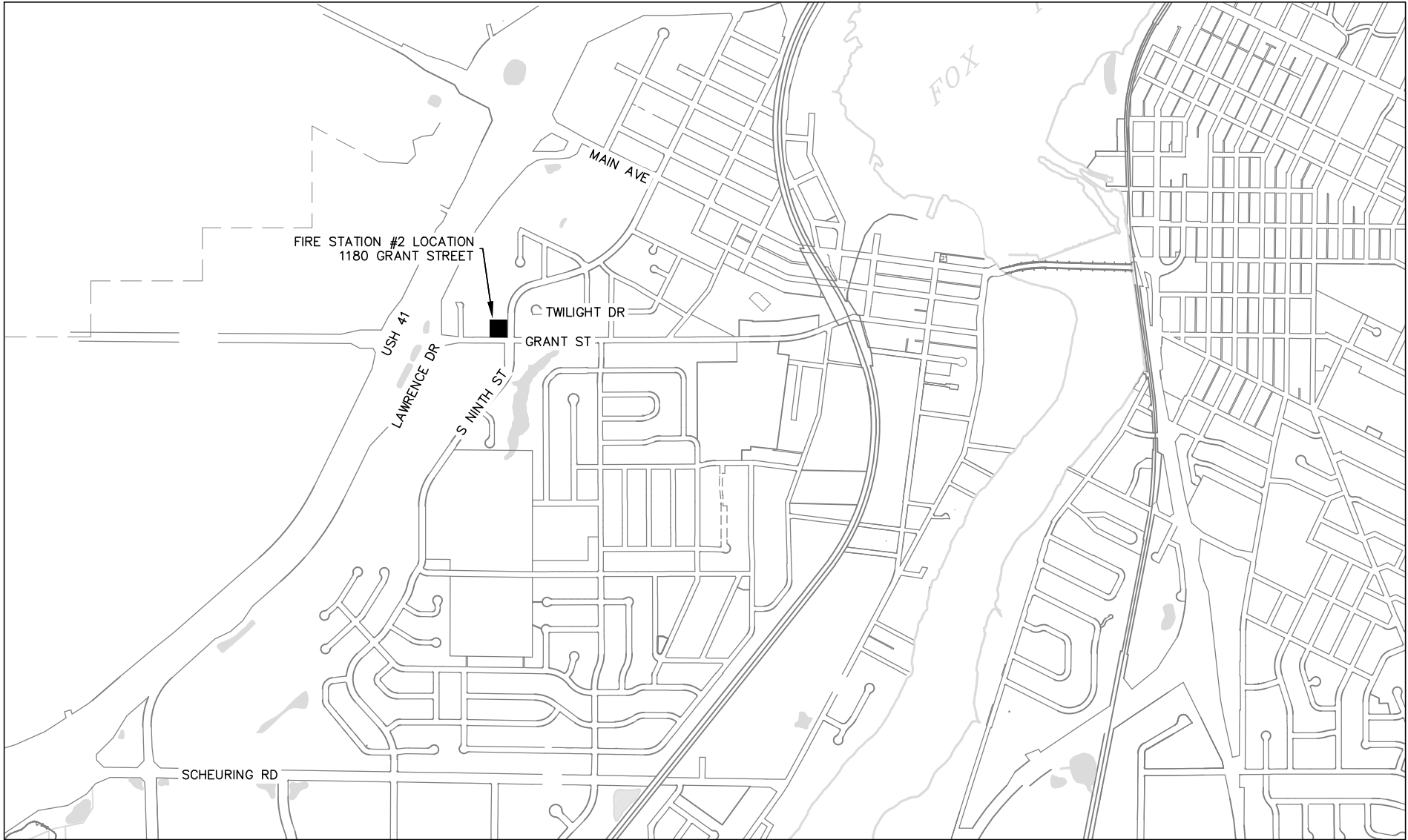
cc: Daniel J. Lindstrom, AICP, Development Services Director
Dennis Jensen, Senior Building Inspector

PROJECT# 24-21 FIRE STATION #2 STORAGE

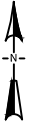
CITY OF DE PERE



ENGINEER DIVISION
925 S. SIXTH ST
DE PERE, WI 54115



SITE LOCATION MAP
N.T.S.



SHEET NO.	DESCRIPTION
G001	TITLE SHEET
G002	STANDARD ABBREVIATION & SYMBOLS
C101 & C102	SITE PLAN
C401	EROSION CONTROL PLAN
C402	GRADING PLAN
C501	CONSTRUCTION DETAILS
E101	ELECTRICAL PLAN
L101	LANDSCAPING PLAN
PAGE G001	

LIST OF STANDARD ABBREVIATIONS

ADT AGGR AH ASPH B/B BARR BC BK BL BLVD BLDG BM BOW BSMT C C&G C/C CABC CB CE CI CL CMP CNTY CO CONC CONSTR CONSTR JT CORP CP CTH CTRL JT CTV CY D DIA DI DISCH DW E EA EB EBS EL ELEC EMB ENTR EP EW EXC EXIST F F/F FDN FE FERT FIN GR FL FO FOW FT FTG G GV GW HDPE HR HSE HT HYD I ID IN INL INTERS INV IP L LC LP LS LT MAINT MATL MB MH MP	AVERAGE DAILY TRAFFIC AGGREGATE AHEAD ASPHALT BACK TO BACK BARRICADE BACK OF CURB BACK BASELINE BOULEVARD BUILDING BENCHMARK BACK OF SIDEWALK BASEMENT CUT CURB AND GUTTER CENTER TO CENTER CRUSHED AGGREGATE BASE COURSE CATCH BASIN CONSTRUCTION ENTRANCE CAST IRON PIPE CENTERLINE CORRUGATED METAL PIPE COUNTY CLEANOUT CONCRETE CONSTRUCTION CONSTRUCTION JOINT CORPORATION CONTROL POINT COUNTY TRUNK HIGHWAY CONTROL JOINT CABLE TV CUBIC YARD DEPTH DIAMETER DUCTILE IRON PIPE DISCHARGE DRIVEWAY EAST (SEE ELEC BELOW) EACH EASTBOUND EXCAVATION BELOW SUBGRADE ELEVATION ELECTRIC (E WHEN USED IN LINE STYLE) EMBANKMENT ENTRANCE EDGE OF PAVEMENT ENDWALL EXCAVATION EXISTING FILL FACE TO FACE FOUNDATION FIELD ENTRANCE FERTILIZER FINISHED GRADE FLOWLINE FIBER OPTIC FRONT OF SIDEWALK FOOT FOOTING GAS GAS VALVE GUY WIRE HIGH DENSITY POLYETHYLENE HANDICAP RAMP HOUSE HEIGHT HYDRANT INTERSECTION ANGLE INSIDE DIAMETER INCH INLET INTERSECTION INVERT IRON PIPE OR PIN LENGTH (OF CURVE) LONG CHORD OF CURVE LIGHTPOLE LIFT STATION OR LUMP SUM LEFT MAINTENANCE MATERIAL MAILBOX MANHOLE MARKER POST	N NB NC NE NO NTS NW OD PC PCC PCC PED PLE PVMT PE PI PL POC POT PP PRC PROJ PROP PRZ PSI PT PVC R RCP REBAR REL REM REQD RL ROW RP RR RT RW S SALV SAN SB SDWK SE SF SHLDR SY SS ST STA STD STH STM STRUCT SW TAN T TEL TEMP TLE TOC TOW TRANS TYP UG USH VC VERT VOL VPC VPI VPRC VPT W WB WM WSO WV YD
NORTH NORTHBOUND NORMAL CROWN NORTHEAST NUMBER NOT TO SCALE NORTHWEST OUTSIDE DIAMETER POINT OF CURVATURE POINT OF COMPOUND CURVE PORTLAND CEMENT CONCRETE PEDESTAL PERMANENT LIMITED EASEMENT PAVEMENT PRIVATE ENTRANCE POINT OF INTERSECTION PROPERTY LINE POINT OF CURVE POINT ON TANGENT POLYETHYLENE POINT OF REVERSE CURVATURE PROJECT PROPOSED PROTECTIVE ROOT ZONE POUND PER SQUARE INCH POINT OF TANGENCY POLYVINYL CHLORIDE RANGE OR RADIUS REINFORCED CONCRETE PIPE REINFORCEMENT BAR RELOCATE REMAINING REQUIRED REFERENCE LINE RIGHT OF WAY REFERENCE POINT RAILROAD RIGHT RETAINING WALL SOUTH SALVAGE SANITARY SOUTHBOUND SIDEWALK SOUTHEAST SQUARE FEET SHOULDER SQUARE YARD SANITARY SEWER STREET (ST WHEN USED FOR STORM SEWER LINE) STATION STANDARD STATE HIGHWAY TRUNK STORM STRUCTURE OR STRUCTURAL SOUTHWEST TANGENT TELEPHONE LINE TELEPHONE TEMPORARY TEMPORARY LIMITED EASEMENT TOP OF CURB TOP OF WATER TRANSITION TYPICAL UNDERGROUND US HIGHWAY VERTICAL CURVE VERTICAL VOLUME VERTICAL POINT OF CURVATURE VERTICAL POINT OF INTERSECTION VERTICAL POINT OF REVERSE CURVE VERTICAL POINT OF TANGENCY WEST (W WHEN USED FOR WATER LINE) WESTBOUND WATERMAIN WATER SHUTOFF VALVE WATER VALVE YARD		

MAPPING & TOPOGRAPHY SYMBOLOGY

DESCRIPTION	SYMBOL	
	EXISTING	PROPOSED
BENCHMARK		
BUSH		
CATCH BASIN/INLET		
CABLE TV BOX		
CONTROL POINT		
ELECTRICAL BOX		
EROSION CONTROL - INLET		
FIBER OPTIC PEDESTAL		
FIELD INLET		
GAS VALVE		
GUY WIRE		
HEDGE		
HYDRANT		
IRON PIPE		
LIGHTPOLE		
MAILBOX		
MANHOLE ELECTRIC		
MANHOLE SANITARY		
MANHOLE STORM		
MONITORING WELL		
POWER POLE		
SIGN		
SOIL BORING		
STUMP		
TELEPHONE MANHOLE		
TELEPHONE PEDESTAL		
TREE		
WELL		
WATER SERVICE VALVE		
BUTTERFLY WATER VALVE		
WATER VALVE		

GENERAL CONSTRUCTION NOTES:

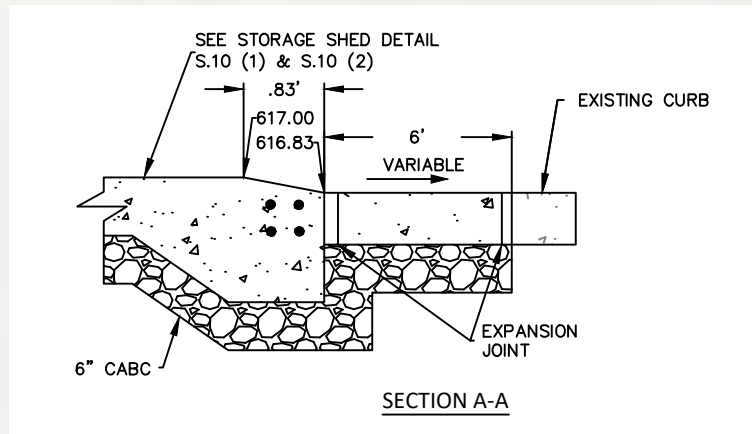
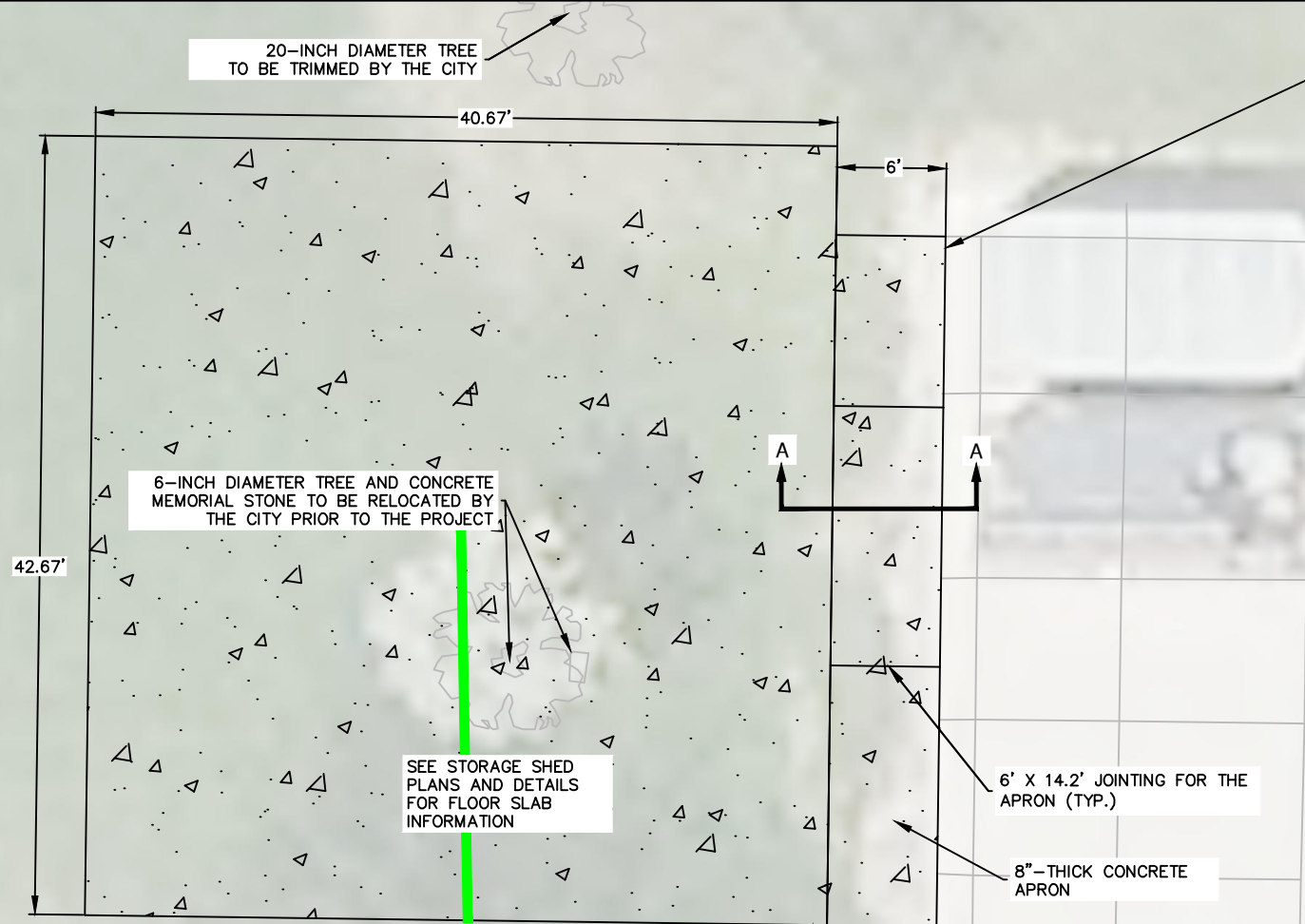
1. ALL ELEVATIONS ARE REFERENCED TO NAVD 88.
2. THE WORK UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE CITY OF DE PERE, CURRENT CONSTRUCTION SPECIFICATIONS AND THESE SPECIAL PROVISIONS AND PLANS, AND THE LATEST ADDITION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARDS SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION SPECIFICATIONS, LATEST EDITION, WHERE REFERENCED IN THE CITY SPECIFICATIONS.
3. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO CONSTRUCTION AND SHALL CONFIRM TO THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES CONSTRUCTION SITE EROSION CONTROL AND TECHNICAL STANDARDS.
4. EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES. WHETHER SHOWN OR NOT, FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR 72 HOURS PRIOR TO EXCAVATION.

MAPPING & TOPOGRAPHY SYMBOLOGY

DESCRIPTION	SYMBOL	
	PLAN	PROFILE
EXISTING SANITARY SEWER LINE		
PROPOSED SANITARY SEWER LINE		
EXISTING STORM SEWER LINE		
PROPOSED STORM SEWER LINE		
EXISTING WATER MAIN LINE		
PROPOSED WATER MAIN LINE		
EXISTING ELECTRICAL LINE		
EXISTING GAS MAIN LINE		
EXISTING TELEPHONE LINE		
EXISTING CABLE TV LINE		
EXISTING SANITARY LATERAL		
EXISTING WATER SERVICE		
RIGHT OF WAY		
PROPERTY LINE		
EASEMENT		
LANDSCAPE FENCE		
SILT FENCE EROSION CONTROL		
EXISTING FIBER OPTIC		
EXISTING MAJOR CONTOUR		
EXISTING MINOR CONTOUR		
PROPOSED MAJOR CONTOUR		
PROPOSED MINOR CONTOUR		
EXISTING OVERHEAD UTILITY		

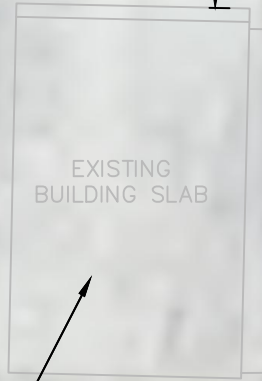
PATCH SYMBOLS

ASPHALTIC CONCRETE PAVEMENT	CRUSHED AGGREGATE BASE COURSE
PORTLAND CEMENT CONCRETE	



SITE DATA:
 PARCEL AREA: 61,202 SF (1.405 ACRES)
 IMPERVIOUS AREA (EXISTING): 16,250 SF
 IMPERVIOUS AREA (PROPOSED): 18,316 SF
 PERVIOUS AREA (EXISTING): 44,952 SF
 PERVIOUS AREA (PROPOSED): 42,886 SF

MINIMUM OF 10' SPACING IN BETWEEN BUILDINGS



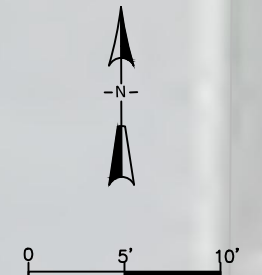
EXISTING BUILDING TO REMAIN

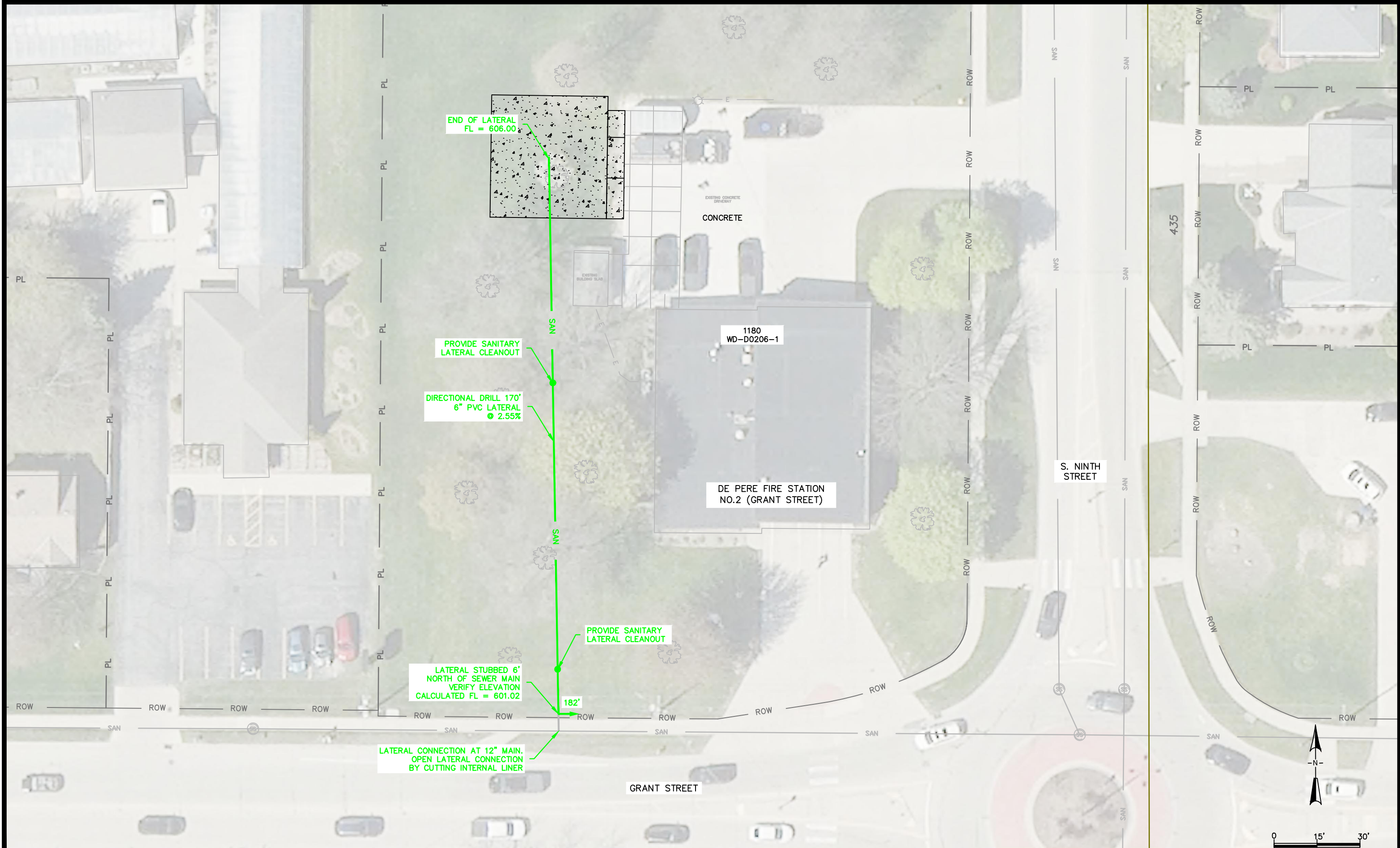
EXISTING CONCRETE CONCRETE RIVEWAY

1180
WD-D0206-1

DE PERE FIRE STATION NO.2 (GRANT STREET)

BENCHMARK: BM 119 = ELEVATION 618.16
"T" ON TENN ON HYDRANT





CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE 920-339-4061 FAX 920-339-4071

**FIRE STATION #2 STORAGE ADDITION
 SITE PLAN
 SANITARY LATERAL ALTERNATE**

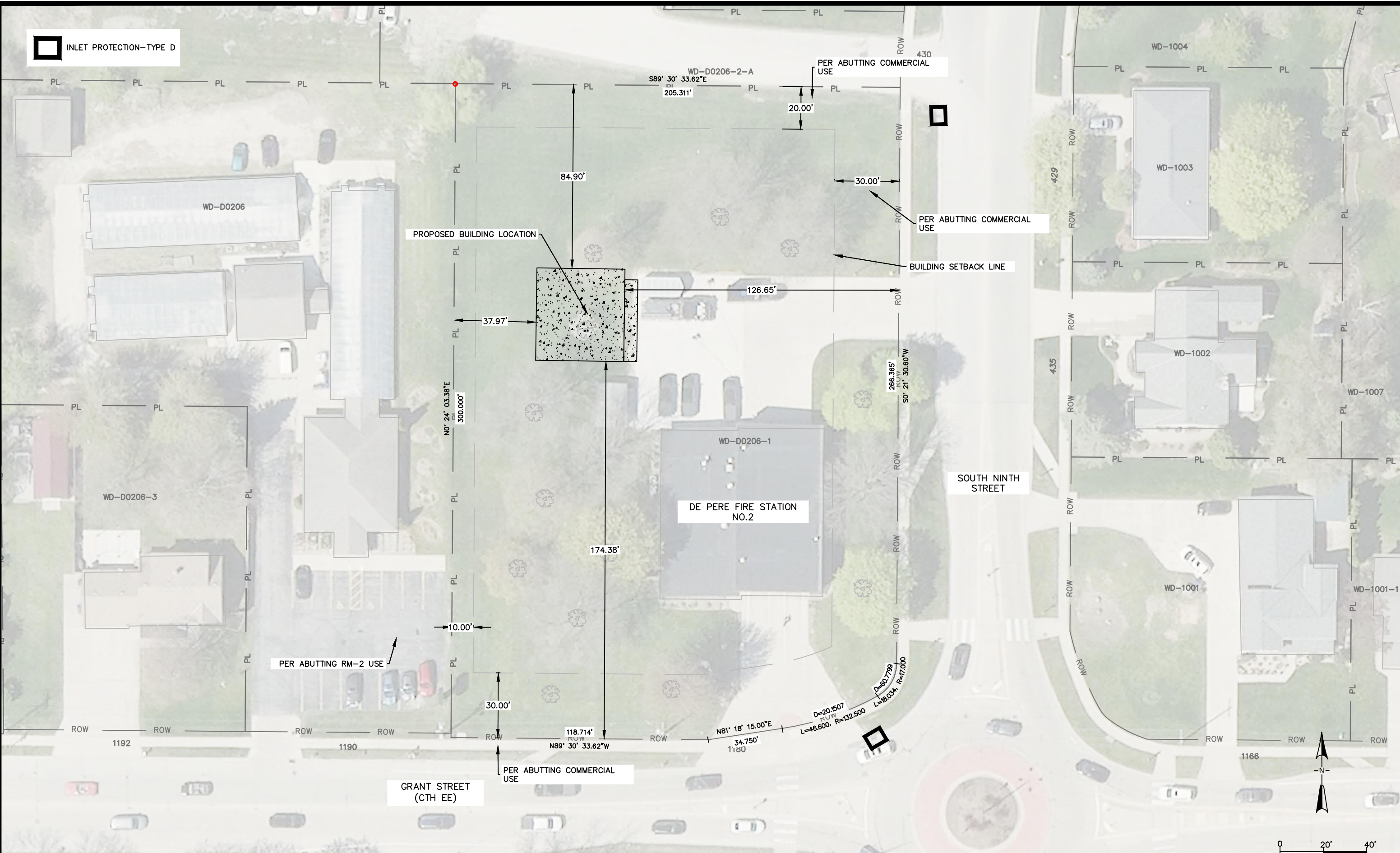
NAME:
 FIRE STATION #2 STORAGE
 PROJECT # 24-21

	BY	DATE
SURVEYED	MJT	04-2024
DRAWN	ANH	09-2024
DESIGNED	ANH	10-2024
CHECKED	EPR	10-2024

REVISIONS / ISSUES		
NO.	DATE	BY

PAGE NO.
C102

 INLET PROTECTION-TYPE D



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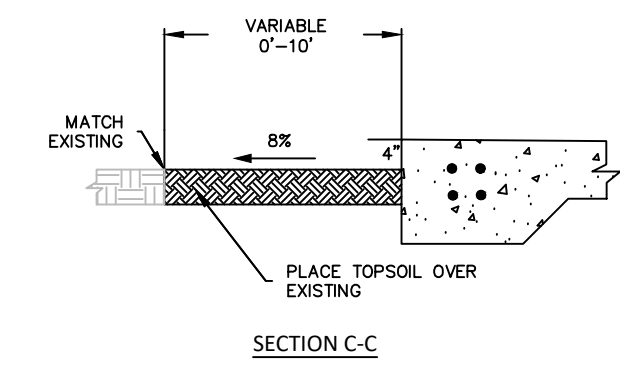
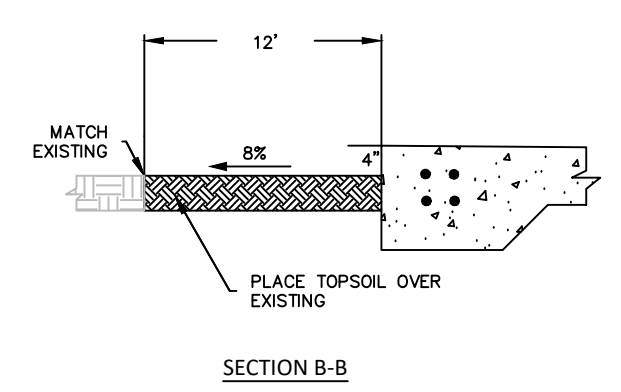
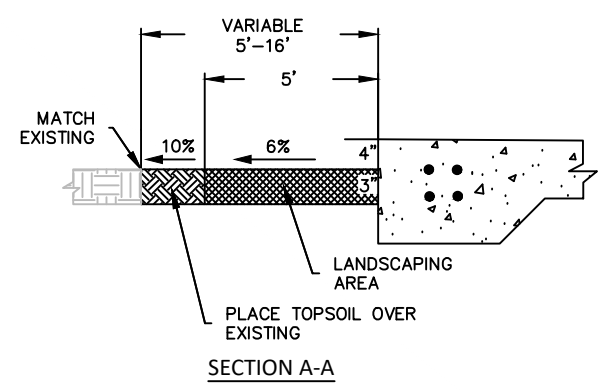
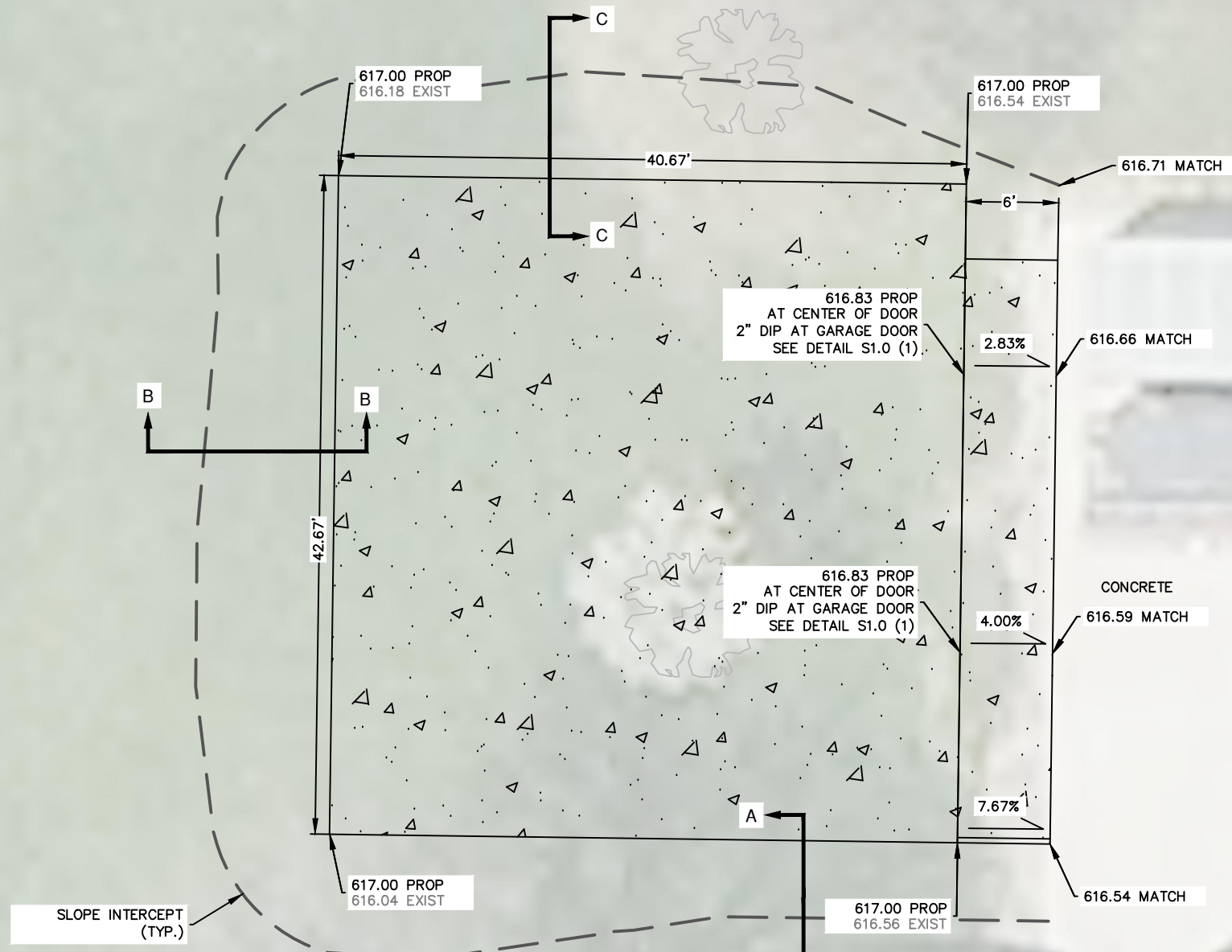
**FIRE STATION #2 STORAGE ADDITION
EROSION CONTROL PLAN**

NAME: FIRE STATION #2 STORAGE
PROJECT # 24-21

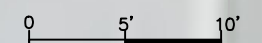
BY	DATE
SURVEYED MJT	04-2024
DRAWN ANH	09-2024
DESIGNED ANH	10-2024
CHECKED EPR	10-2024

REVISIONS / ISSUES		
NO.	DATE	REMARKS

X:\Projects\City Projects\2024\Project 24-21 Fire Station Storage\1200-CAD\24-21 EROSION CONTROL PLAN.dwg



BENCHMARK: BM 119 = ELEVATION 618.16
 "T" ON TENN ON HYDRANT

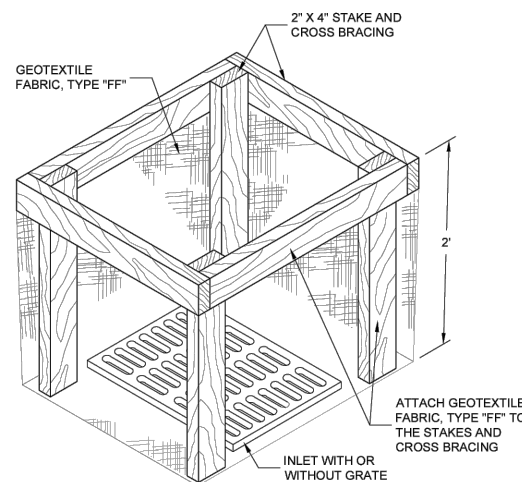
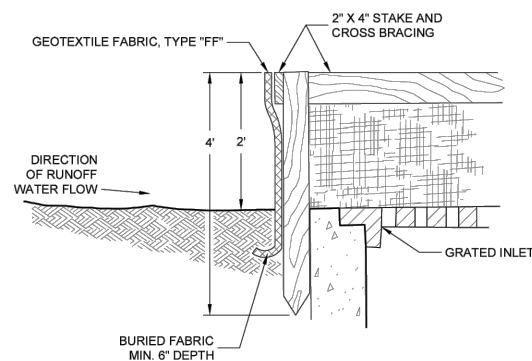


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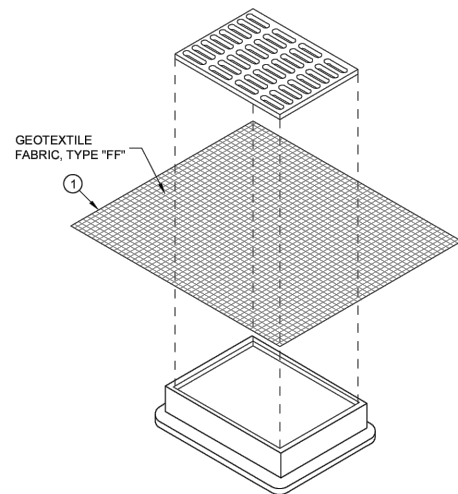
NAME: FIRE STATION #2 STORAGE	BY MJT	DATE 04-2024	REVISIONS / ISSUES		PAGE NO. C402
PROJECT # 24-21	DRAWN ANH	DATE 09-2024	NO.	DATE	
	DESIGNED ANH	DATE 10-2024			
	CHECKED EPR	DATE 10-2024			



SDD 08E10 Inlet Protection, Types A, B, C and D

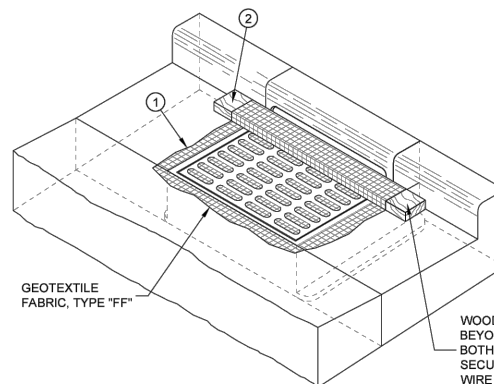


INLET PROTECTION, TYPE "A"

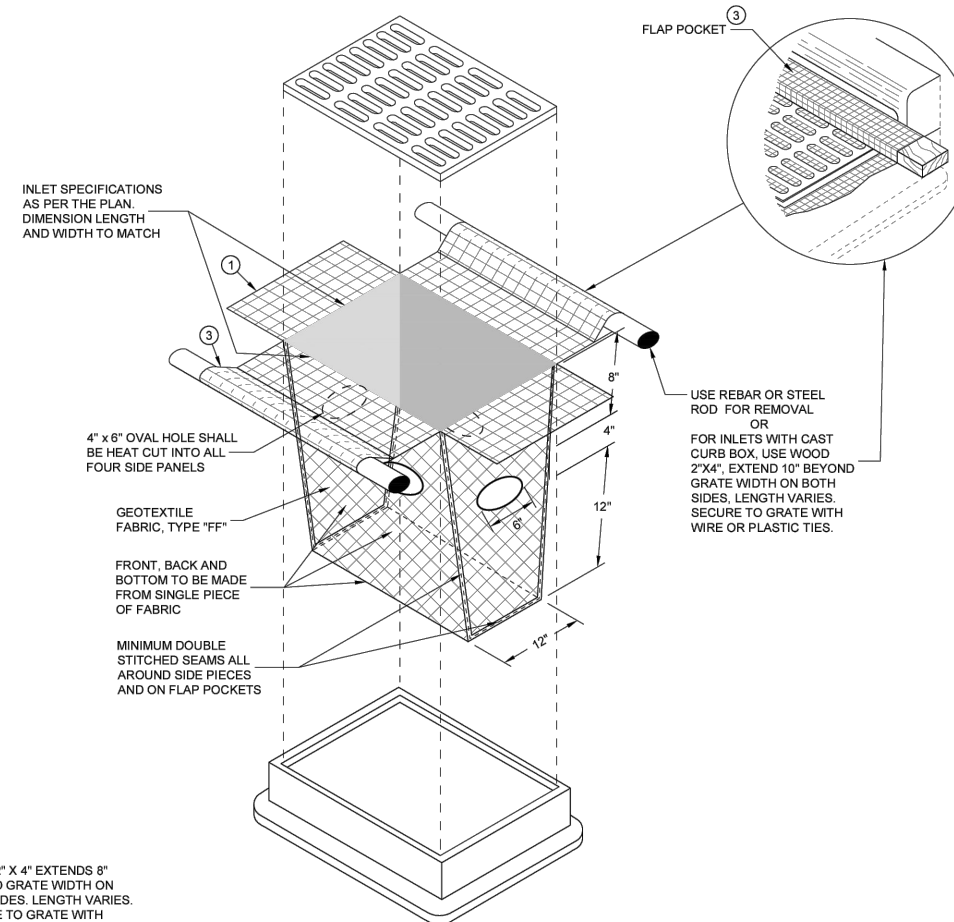


INLET PROTECTION, TYPE "B" (WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE "C" (WITH CURB BOX)



INLET PROTECTION, TYPE "D"

(CAN BE INSTALLED IN ANY INLET WITH OR WITHOUT A CURB BOX AS PER NOTE (2))

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- ① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- ③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPES B & C
TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D
TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION TYPES A, B, C AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02 DATE
/S/ Beth Cannestra
ROADWAY STANDARDS DEVELOPMENT ENGINEER

6

SDD 08E10 - 02

6

SDD 08E10 - 02



CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

CONSTRUCTION DETAILS

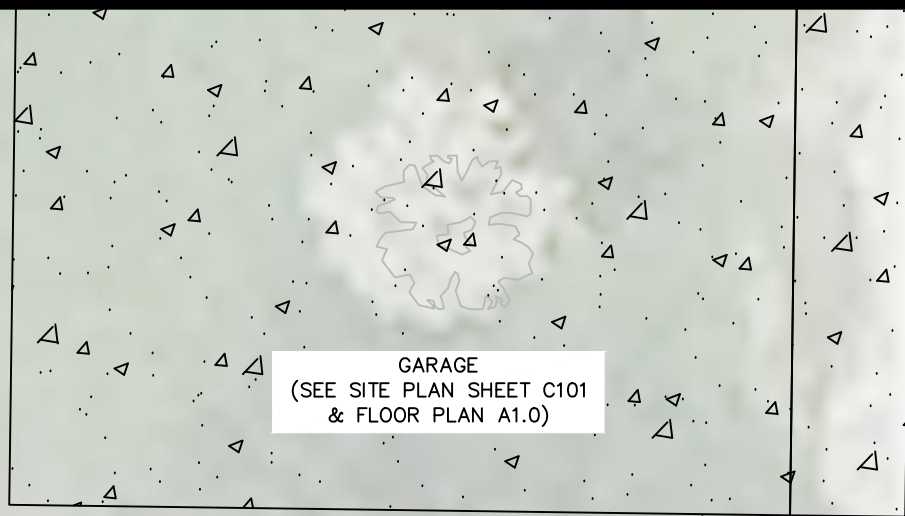
NAME:
FIRE STATION #2 STORAGE

PROJECT #
24-21

SURVEYED	BY	DATE	REVISIONS / ISSUES		REMARKS
			NO.	DATE	
DRAWN	ANH	09-2024			
DESIGNED					
CHECKED					

PAGE NO.
C501

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NOTE: MUST FOLLOW THE NATIONAL ELECTRIC CODE (NEC)

PROVIDE BUILDING PENETRATION.

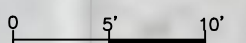
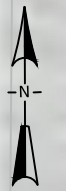
PROVIDE 1-INCH EMT WEATHERTIGHT CONDUIT WITH THHN #12 COPPER WIRE, 24" DEEP, FOR GARAGE DOOR OPENERS, INTERIOR AND EXTERIOR LIGHTING, AND OUTLETS FOR NEW GARAGE.

ACCESS 4 20-AMP CIRCUITS IN THE 60-AMP PANEL IN EXISTING BUILDING AND RUN 1-INCH CONDUIT TO NEW GARAGE.

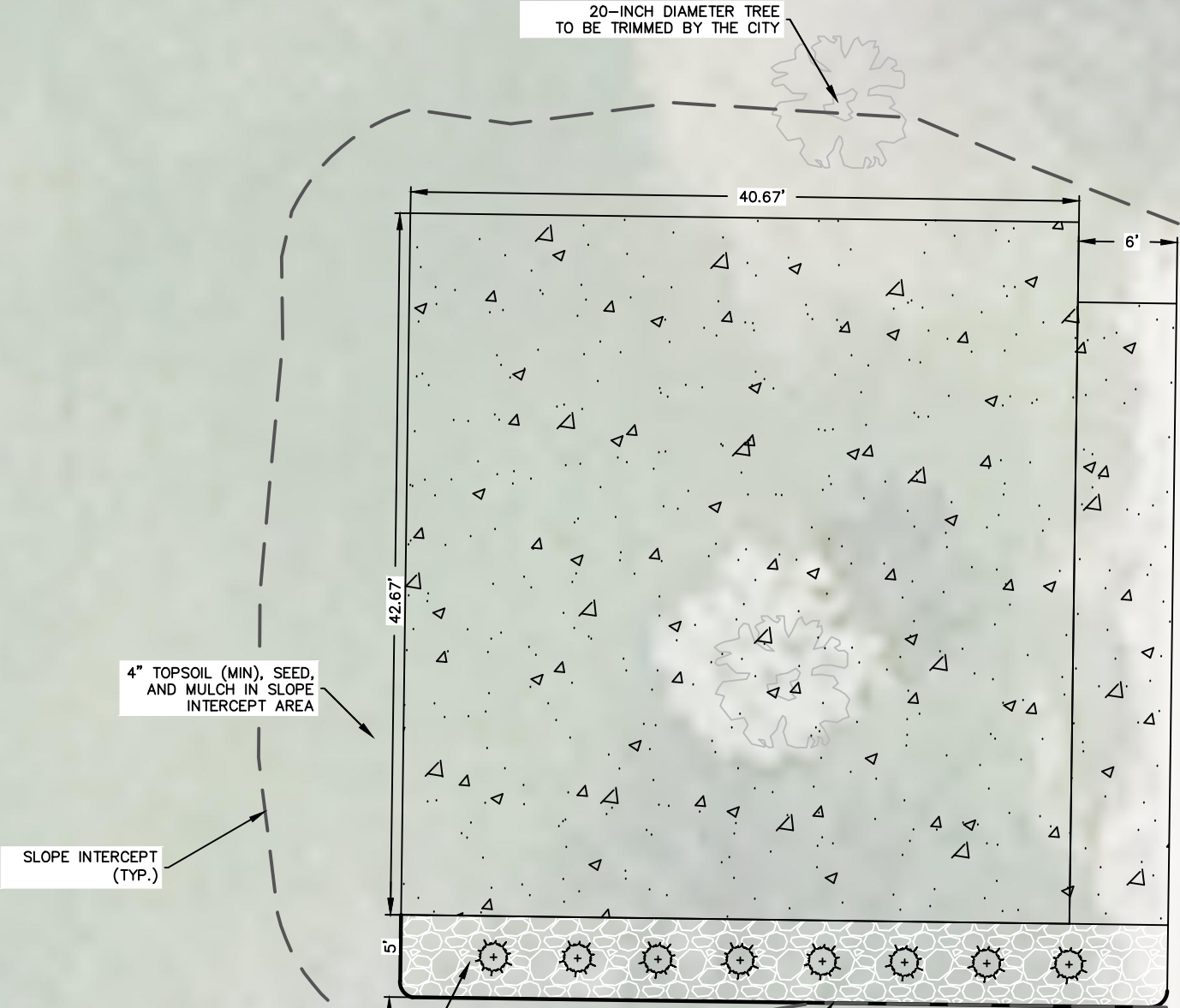
EXISTING SHED TO REMAIN.

WD-D0206-1
1180

DE PERE FIRE STATION
NO.2 (GRANT STREET)



20-INCH DIAMETER TREE
TO BE TRIMMED BY THE CITY

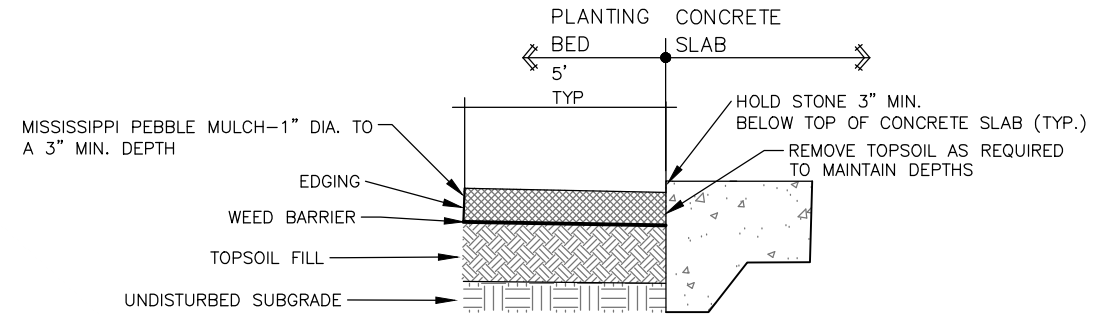


4" TOPSOIL (MIN), SEED,
AND MULCH IN SLOPE
INTERCEPT AREA

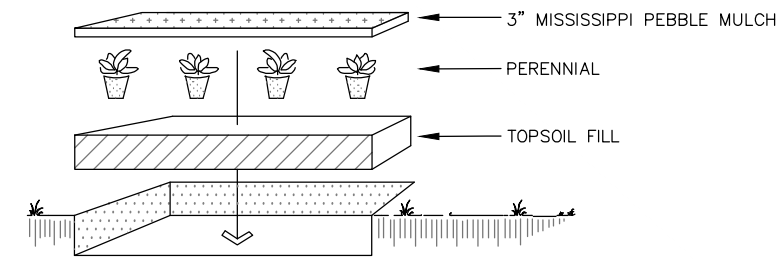
SLOPE INTERCEPT
(TYP.)

PLASTIC EDGING AROUND
LANDSCAPING

46' X 5' LANDSCAPE AREA
8 LARGE HOSTAS (22"-29" TALL)
3' SPACING
MISSISSIPPI PEBBLE MULCH



1 PLANT BED EDGE AT CONCRETE SLAB



-LAYOUT PLANT MATERIAL AT SPACING AS SHOWN PER THE PLANS
-PLANT SIZES SPECIFIED ARE MINIMUM ACCEPTABLE

2 PERENNIAL PLANTING DETAIL

DE PERE FIRE STATION
NO.2 (GRANT STREET)

WD-D0206-1
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CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4061 FAX 920-339-4071

FIRE STATION #2 STORAGE ADDITION
LANDSCAPING PLAN

NAME:
FIRE STATION #2 STORAGE
PROJECT #
24-21

NO.	DATE	BY	REVISIONS / ISSUES
SURVEYED	04-2024	MJT	
DRAWN	09-2024	ANH	
DESIGNED	09-2024	ANH	
CHECKED	09-2024	EPR	

NO.	DATE	BY	REMARKS

PAGE
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L101

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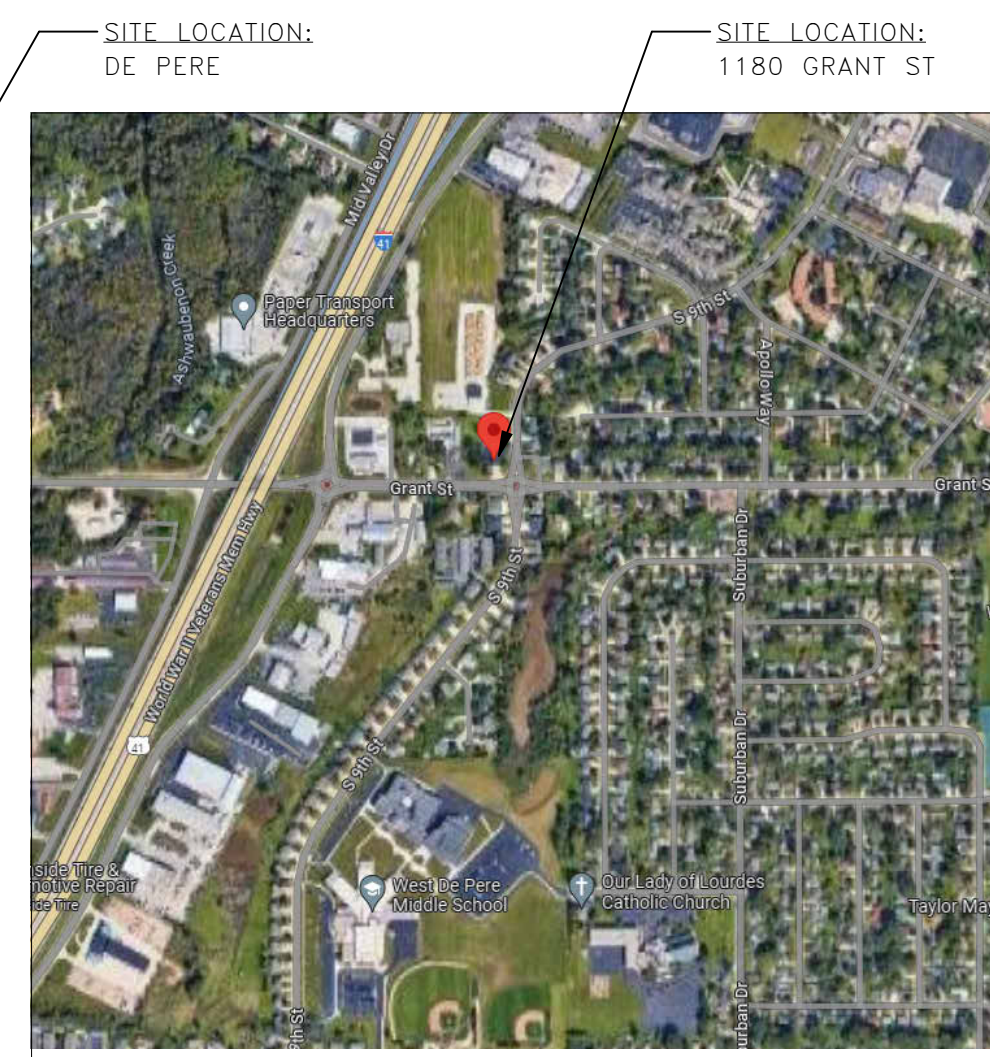
STORAGE SHED FOR: DE PERE FIRE STATION

DE PERE, WI 54115

SITE LOCATION MAP



SITE MAP



GENERAL CONDITIONS:

THESE PLANS ARE PRESENTED TO LEAD A HIGH QUALITY DESIGN/BUILD TEAM. EACH CONTRACTOR AND SUBCONTRACTOR IS RESPONSIBLE TO PROVIDE EXCELLENT DESIGN, BUILDING MATERIALS, AND CRAFTSMANSHIP WHICH WE CAN ALL BE PROUD OF. WE ENCOURAGE YOU TO PROVIDE EXPERTISE IN YOUR CHOSEN FIELD AND TO BRING IDEAS AND CONCERNS TO THE ATTENTION OF THE GENERAL CONTRACTOR.

THESE DRAWINGS COVER STRUCTURAL AND GENERAL CONSTRUCTION ONLY. ALL WORK SHALL CONFORM TO STANDARD PRACTICES AND APPLICABLE LAWS, WHETHER THEY ARE SPECIFICALLY STATED IN THESE PLANS OR NOT.

EACH CONTRACTOR SHALL:

- VISIT THE SITE TO VERIFY EXISTING CONDITIONS, ACCESS, ETC. PRIOR TO BIDDING
- MAINTAIN A CLEAN JOBSITE AT ALL TIMES.
- OBTAIN AND PAY FOR PERMITS, LICENSES, FEES, ETC. AS MAY BE REQUIRED FOR COMPLETION OF HIS OWN PORTION OF THE PROJECT.
- FIELD VERIFY DIMENSIONS.
- REPORT ANY DISCREPANCY NOTED BETWEEN THESE PLANS AND APPLICABLE CODES TO THE GENERAL CONTRACTOR.
- PROVIDE ALL BARRIERS, FENCES, SAFETY EQUIPMENT AND PRECAUTIONS REQUIRED BY APPLICABLE LAW AND STANDARD PRACTICES.

ALL MATERIALS SHALL BE INSTALLED PER MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS.

ANY HAZARDOUS MATERIALS ENCOUNTERED DURING DEMOLITION, REMODELING, OR EXCAVATION SHALL BE REMOVED AND/OR CONTAINED IN ACCORDANCE WITH GOVERNING LOCAL, STATE, AND FEDERAL REGULATIONS.

THIS DESIGN, THESE DRAWINGS, AND INCLUDED DETAILS ARE THE COPYRIGHTED PROPERTY OF INTEGRITY ENGINEERING AND DESIGN, LLC. NO PART SHALL BE COPIED, DISTRIBUTED, OR MADE AVAILABLE TO ANYONE WITHOUT THE EXPRESS WRITTEN CONSENT OF INTEGRITY ENGINEERING AND DESIGN, LLC.

PROJECT DATA

BUILDING CODE: IBC 2015
(WITH WISCONSIN AMENDMENTS)

PROJECT LOCATION

ADDRESS: 1180 GRANT ST.
CITY, STATE, ZIP: DE PERE, WI 54115

DESIGN TEAM

ARCHITECTURAL: INTEGRITY ENGINEERING
CONTACT: C. DUESCHER

STRUCTURAL: INTEGRITY ENGINEERING
CONTACT: C. DUESCHER

BUILDING SIZE:

FIRST FLOOR AREA (SQ. FT.): 1584
ALLOWABLE AREA PER FLOOR (SQ. FT.): 9,000 (WITHOUT FRONTAGE INCREASE)
NUMBER OF STORIES: 1
EAVE HEIGHT: 16'-0"
MAXIMUM OVERALL HEIGHT: 21'-10"
FIRE AREA (SQ. FT.): 1584
ALLOWABLE FIRE AREA (SQ. FT.): 12,000
FIRE SEPARATION: NONE

CONSTRUCTION CLASSIFICATION:

NEW - TYPE VB

MEANS OF EGRESS

EXIT ACCESS TRAVEL DISTANCE (MAX): 200 FT.
COMMON PATH OF EGRESS TRAVEL DISTANCE (MAX): 100 FT.
REQUIRED NUMBER OF EXITS: 1
RATED CORRIDORS: NO

OCCUPANCY:

NEW: S-1
OCCUPANT LOAD: N/A, UNHEATED & UNOCCUPIED

DESIGN LOADS: PER IBC 2015, CHAPTER 16

Pg = 40 PSF
Ct = 1.2
ULTIMATE DESIGN WIND SPEED = 115 MPH
WIND EXPOSURE = B
SEISMIC CATEGORY = A
SOIL BEARING PRESSURE = 2000 PSF (PRESUMED)
RISK CATEGORY = II

FIRE PROTECTION SYSTEMS

AUTOMATIC FIRE SPRINKLER SYSTEM - NOT REQUIRED
ESFR SYSTEM - NOT REQUIRED
STANDPIPE SYSTEMS - NOT REQUIRED SEE IBC 905
FIRE ALARM SYSTEM - NOT REQUIRED SEE IBC 907
SMOKE DETECTORS - INSTALL PER APPLICABLE CODES
EXIT SIGNS - PROVIDE EXIT SIGNS PER IBC SECTION 1013
FIRE EXTINGUISHERS - INSTALL PER NFPA 1 AND APPLICABLE LOCAL CODES
EGRESS ILLUMINATION - PER IBC SECTION 1008

BUILDING DESIGN

HIGH PILED STORAGE: NO
COMMERCIAL MOTOR VEHICLE REPAIR/STORAGE: NO

SHEET INDEX

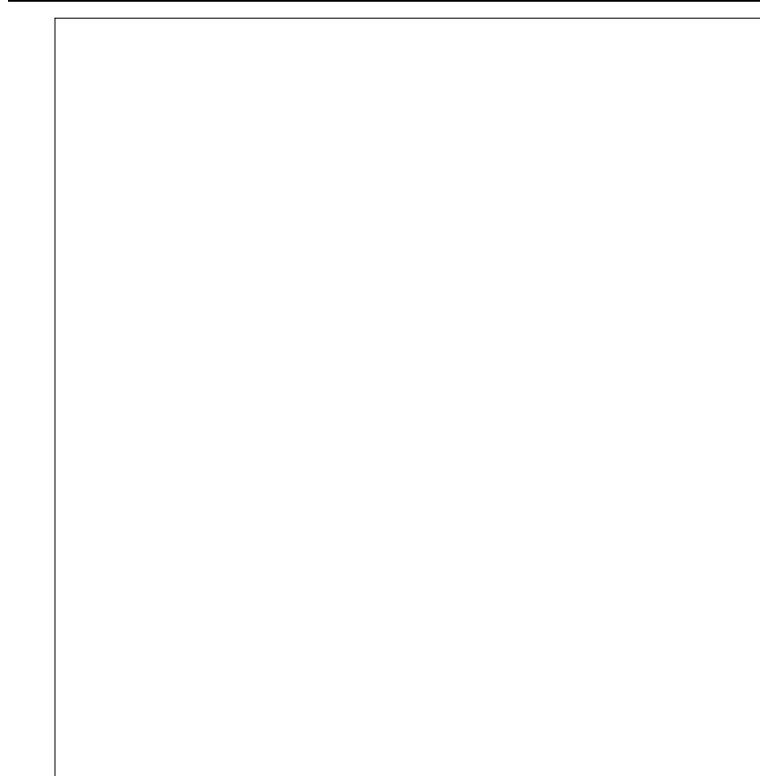
SHEET	SHEET NAME
T1.0	COVER SHEET
S1.0	FOUNDATION PLAN
S3.0	ROOF FRAMING PLAN
A1.0	FLOOR PLAN
A2.0	ELEVATIONS
A3.0	SECTIONS
A4.0	SCHEDULES
EO.1	MINIMUM ELECTRICAL REQUIREMENTS

STORAGE SHED FOR:
DE PERE FIRE STATION

1180 GRANT ST,
DE PERE,
WI 54115

IED JOB NUMBER: -----
JOB NUMBER: 24136
IED PROJECT MANAGER: C. DEUSCHER
DRAWN BY: P. VOIGHT
DATE: 12/13/2024

PROFESSIONAL STAMP



NOTE:
THE STAMP OF INTEGRITY ENGINEERING'S SUPERVISING PROFESSIONAL ON THIS SET OF DRAWINGS IS IN NO WAY ATTESTING TO THE ACCURACY AND COMPLETENESS OF THE DRAWINGS PREPARED BY SUB-CONSULTANTS INCLUDED HEREIN. THE RESPONSIBILITY FOR THE DRAWINGS BY SUB-CONSULTANTS LIES WITH THE RESPECTIVE SUB-CONSULTANTS (CIVIL, MEPPF, ETC.) THEY ARE INCLUDED HERE FOR CONVENIENCE AND INFORMATIONAL PURPOSES ONLY.

NO.	REVISIONS	DATE

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- PRELIMINARY
- CONSTRUCTION
- DESIGN REVIEW

COVER SHEET
SHEET: **T1.0**

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MATERIAL LEGEND

LUMBER	BRICK	CONCRETE MASONRY UNIT (CMU)	COMPACTED FILL
RIGID INSULATION	BATT INSULATION	PLYWOOD	CONCRETE

SYMBOLS LEGEND

BUILDING SECTION REFERENCE	DETAIL IDENTIFICATION	REVISION	PLAN DETAIL REFERENCE	SPOT ELEVATION	EXISTING SPOT ELEVATION	ROOM NAME/NUMBER	ELEVATION	NEW MASONRY WALL	NEW STUD WALL	EXISTING WALL TO BE REMOVED	EXISTING WALL	NEW STUD WALL IN REMODELED SPACE	DOOR NUMBER	COLUMN LINE	EXISTING COLUMN LINE	F.E. FIRE EXTINGUISHER	WINDOW IDENTIFICATION	WALL TYPE
				xxx.x	xxx	ROOM NAME/ NUMBER ROOM NAME [xxx]	xxxx ELEV: 'xxx'-'xx'						xxx	x	(x)	F.E.	xxx	

BUILDING SECTION REFERENCE
SECTION NUMBER
SHEET NUMBER ON WHICH SECTION WILL BE FOUND

DETAIL IDENTIFICATION
DETAIL
SCALE: 1" = 1'-0"
DETAIL NUMBER
SHEET NUMBER

REVISION
AREA INCLUDED IN DETAIL

PLAN DETAIL REFERENCE
DETAIL NUMBER
SHEET NUMBER ON WHICH DETAIL WILL BE FOUND

SPOT ELEVATION
xxx.x

EXISTING SPOT ELEVATION
xxx

ROOM NAME/
NUMBER
ROOM NAME
[xxx]

ELEVATION
xxxx
ELEV: 'xxx'-'xx'

NEW MASONRY WALL

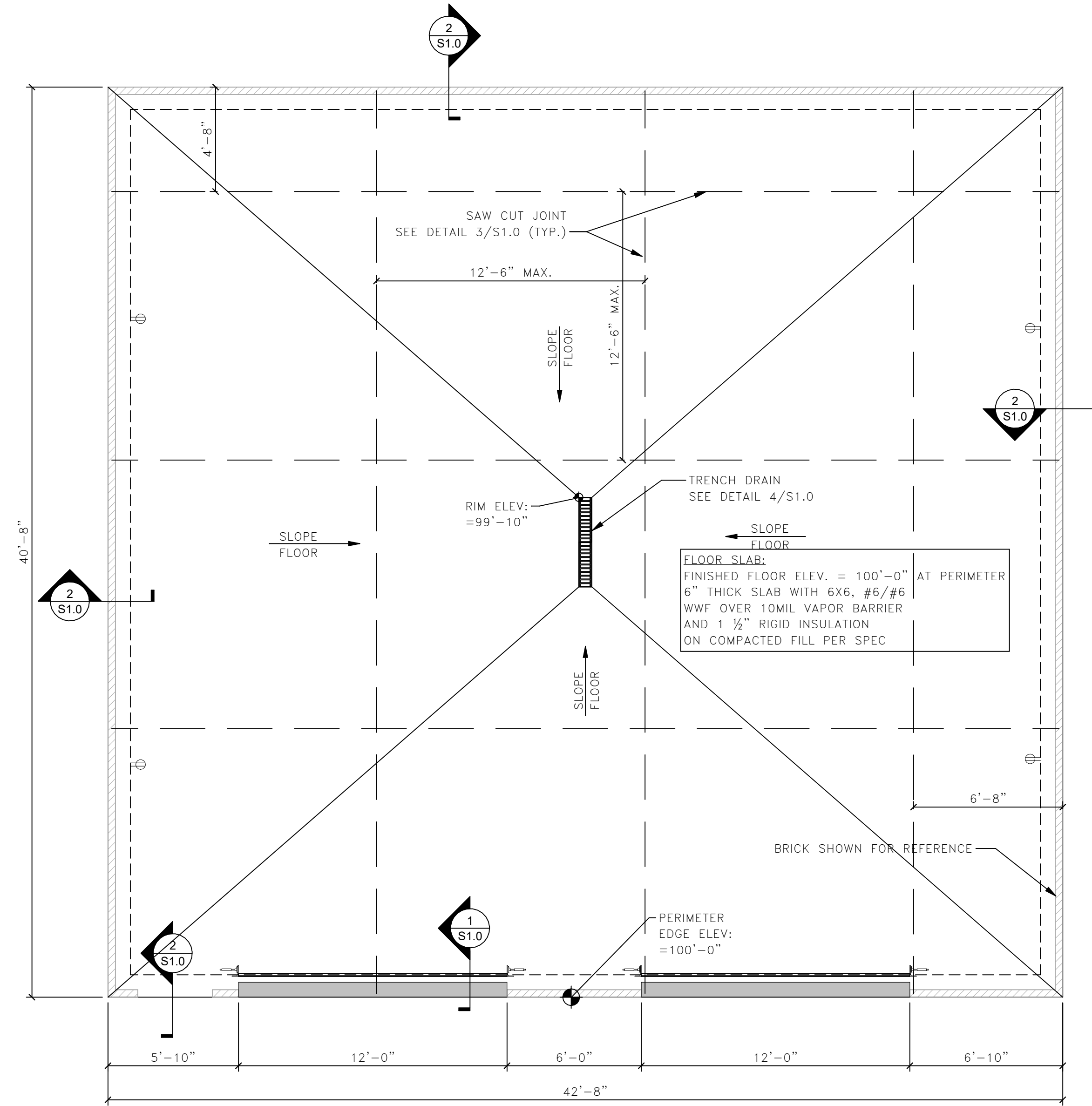
NEW STUD WALL

EXISTING WALL TO BE REMOVED

EXISTING WALL

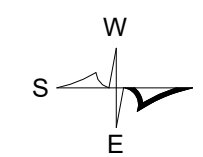
NEW STUD WALL IN REMODELED SPACE

DOOR NUMBER
COLUMN LINE
EXISTING COLUMN LINE
F.E. FIRE EXTINGUISHER
WINDOW IDENTIFICATION
WALL TYPE



FOUNDATION PLAN

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



STORAGE SHED FOR:
DE PERE FIRE STATION
1180 GRANT ST,
DE PERE,
WI 54115

IED JOB NUMBER: -----

JOB NUMBER:

24136

IED PROJECT MANAGER:

C. DEUSCHER

DRAWN BY:

P. VOIGHT

DATE:

12/13/2024

NO.	REVISIONS	DATE

ISSUED FOR CONSTRUCTION

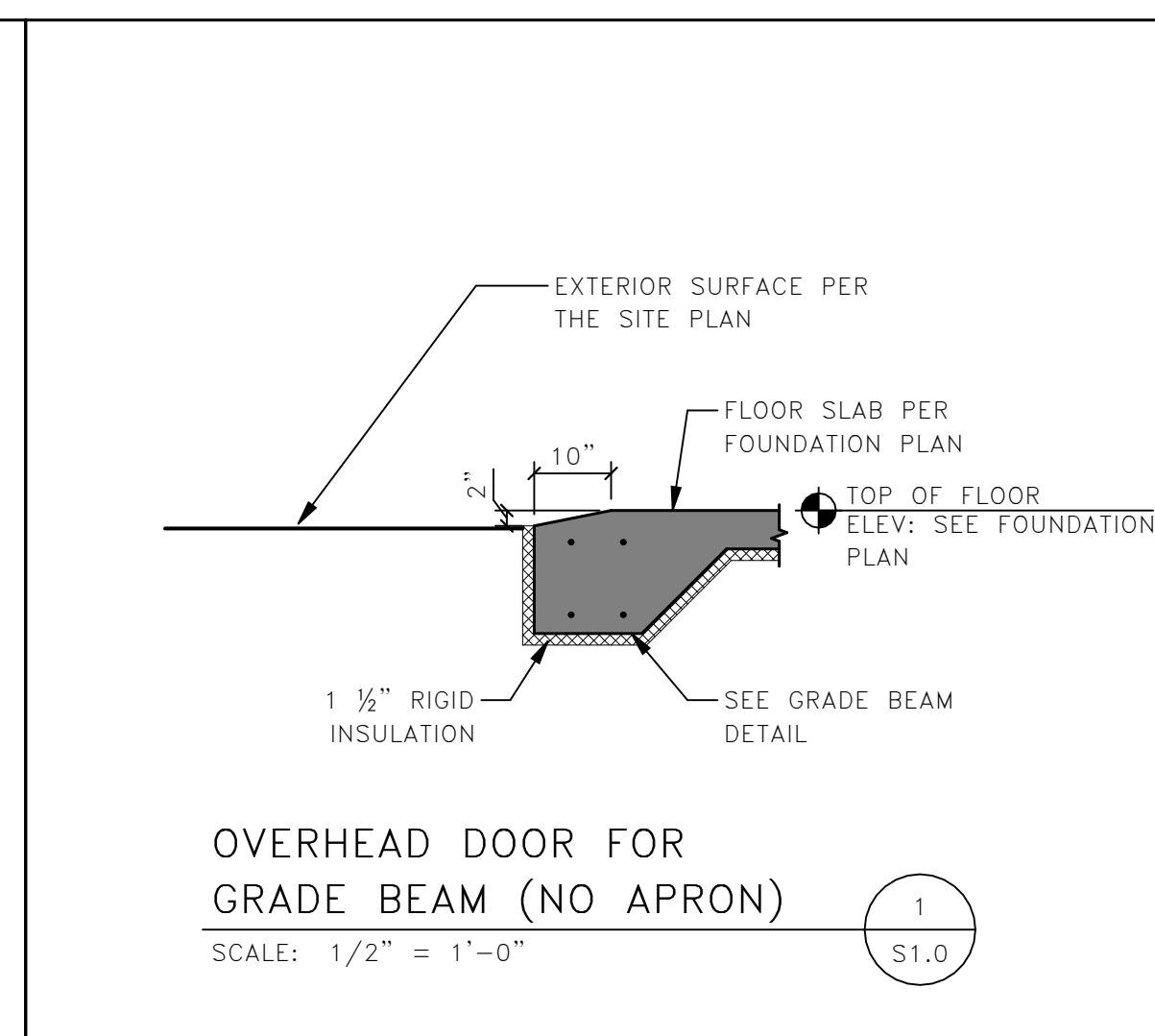
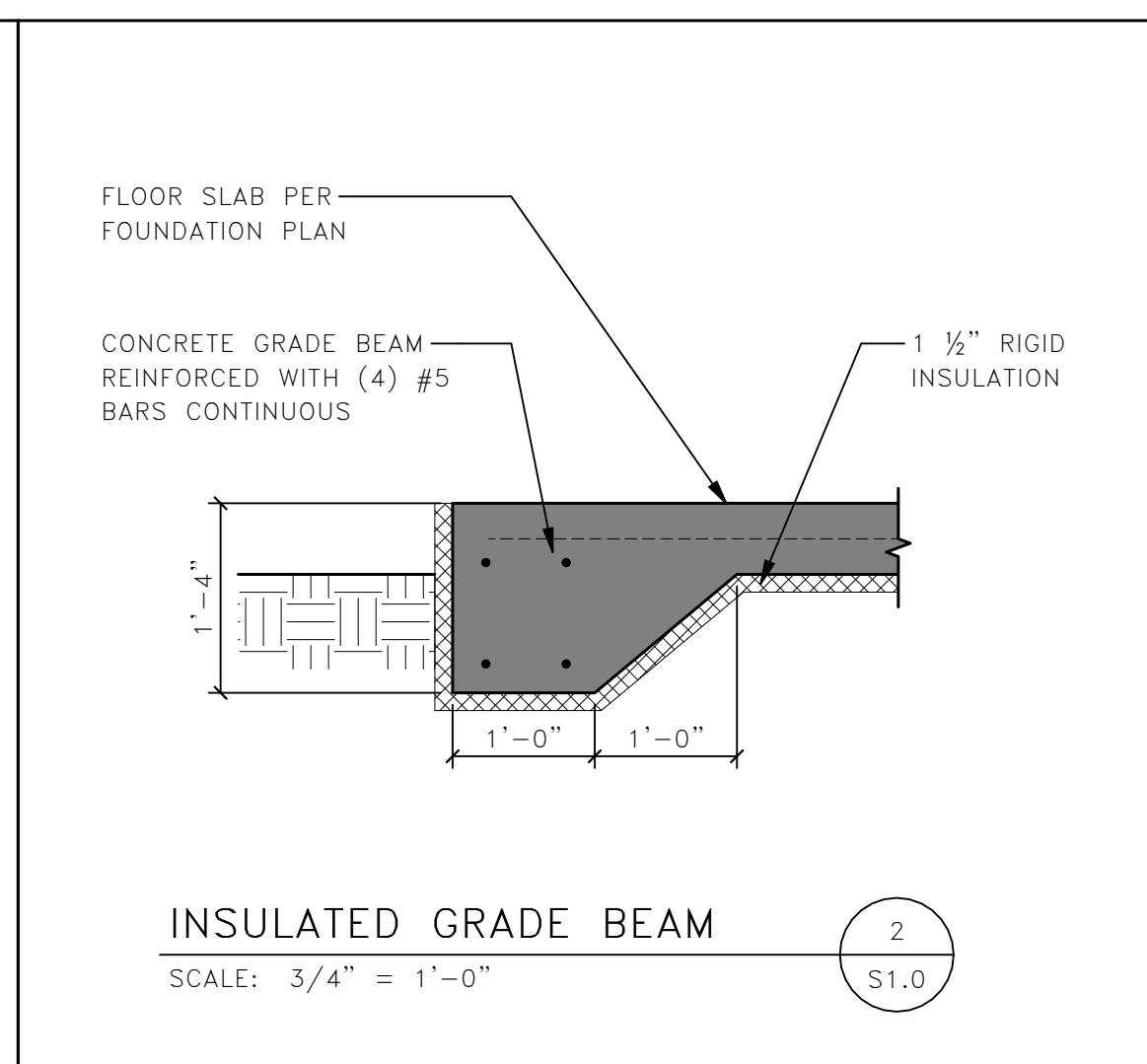
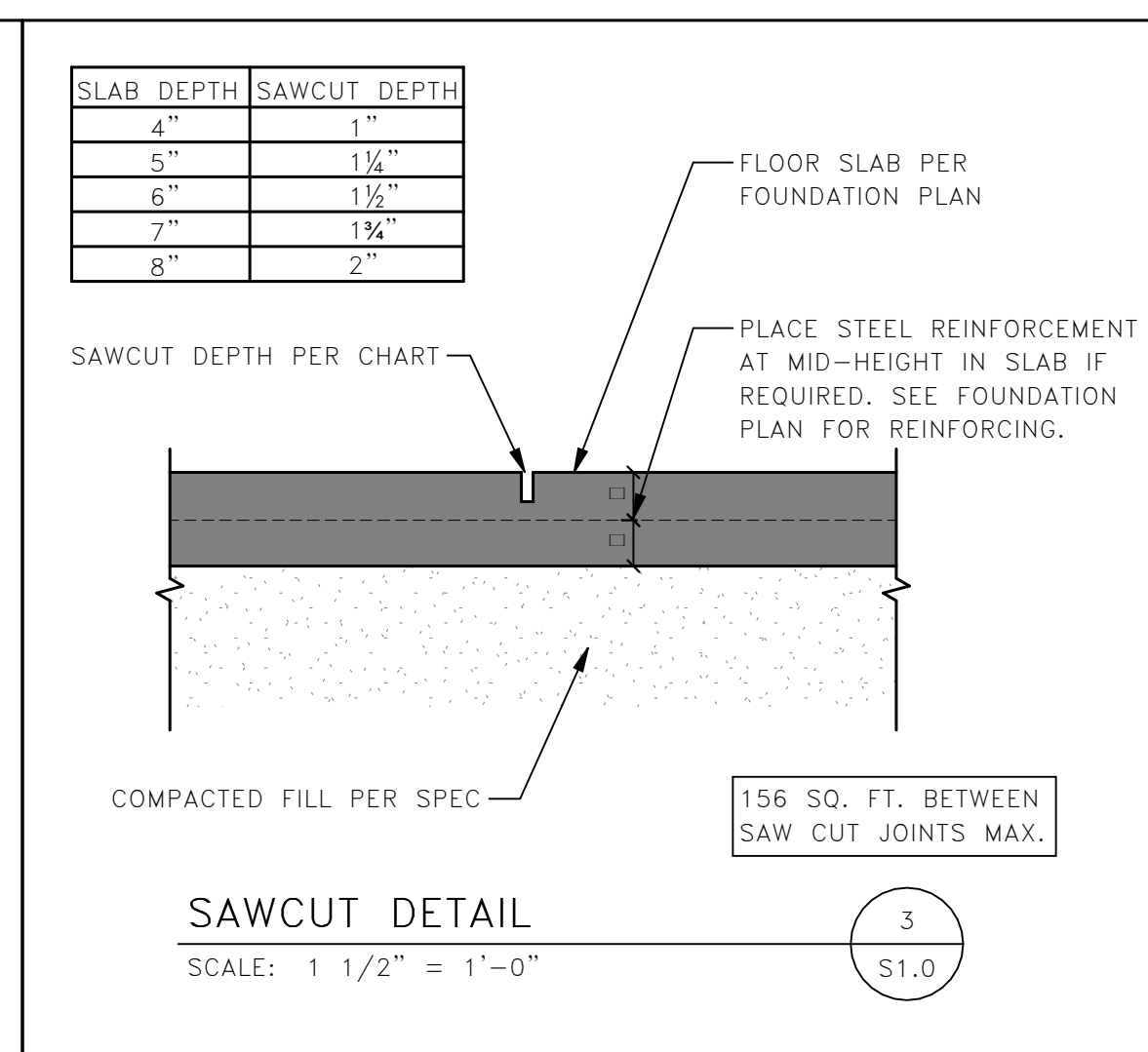
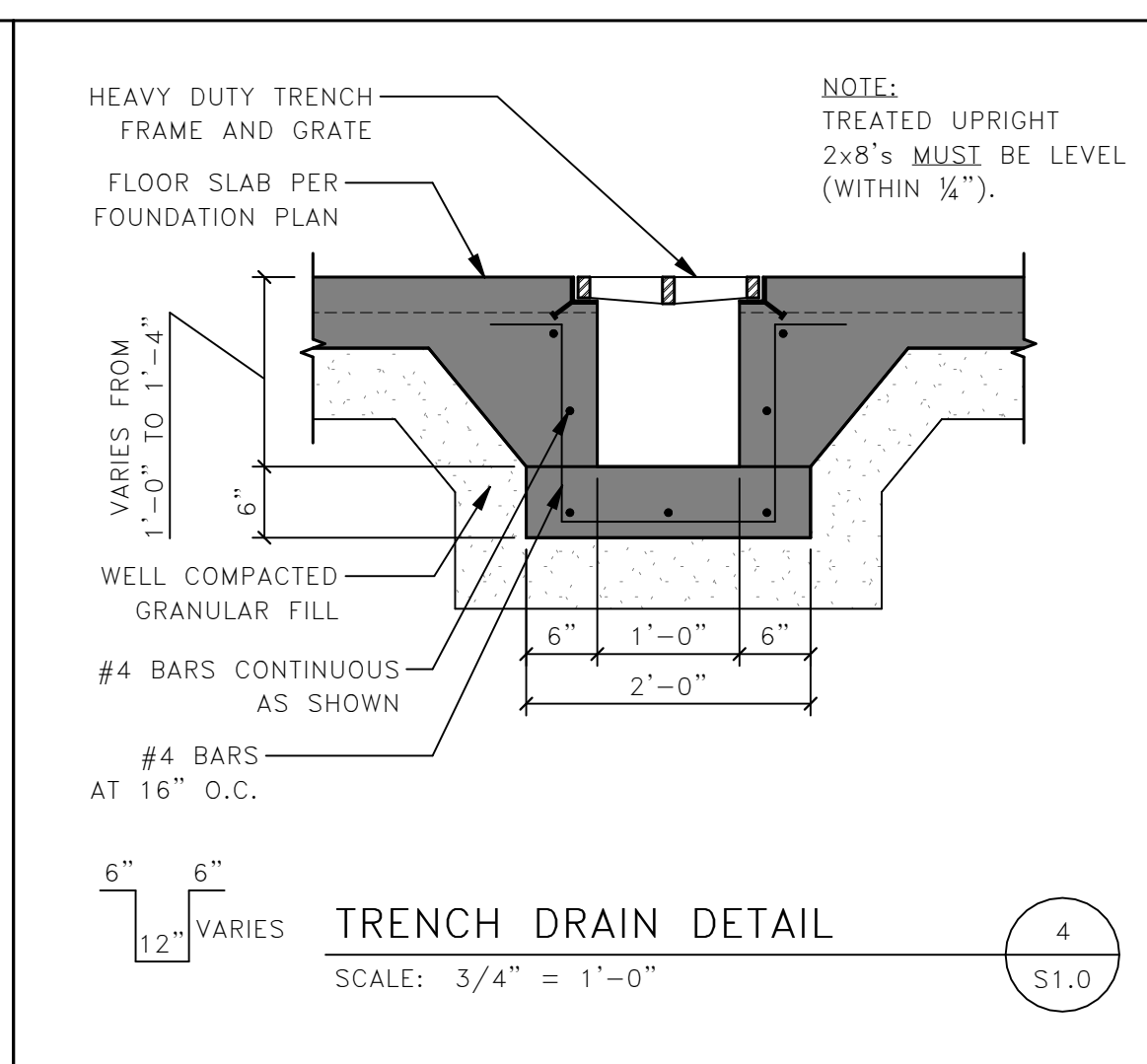
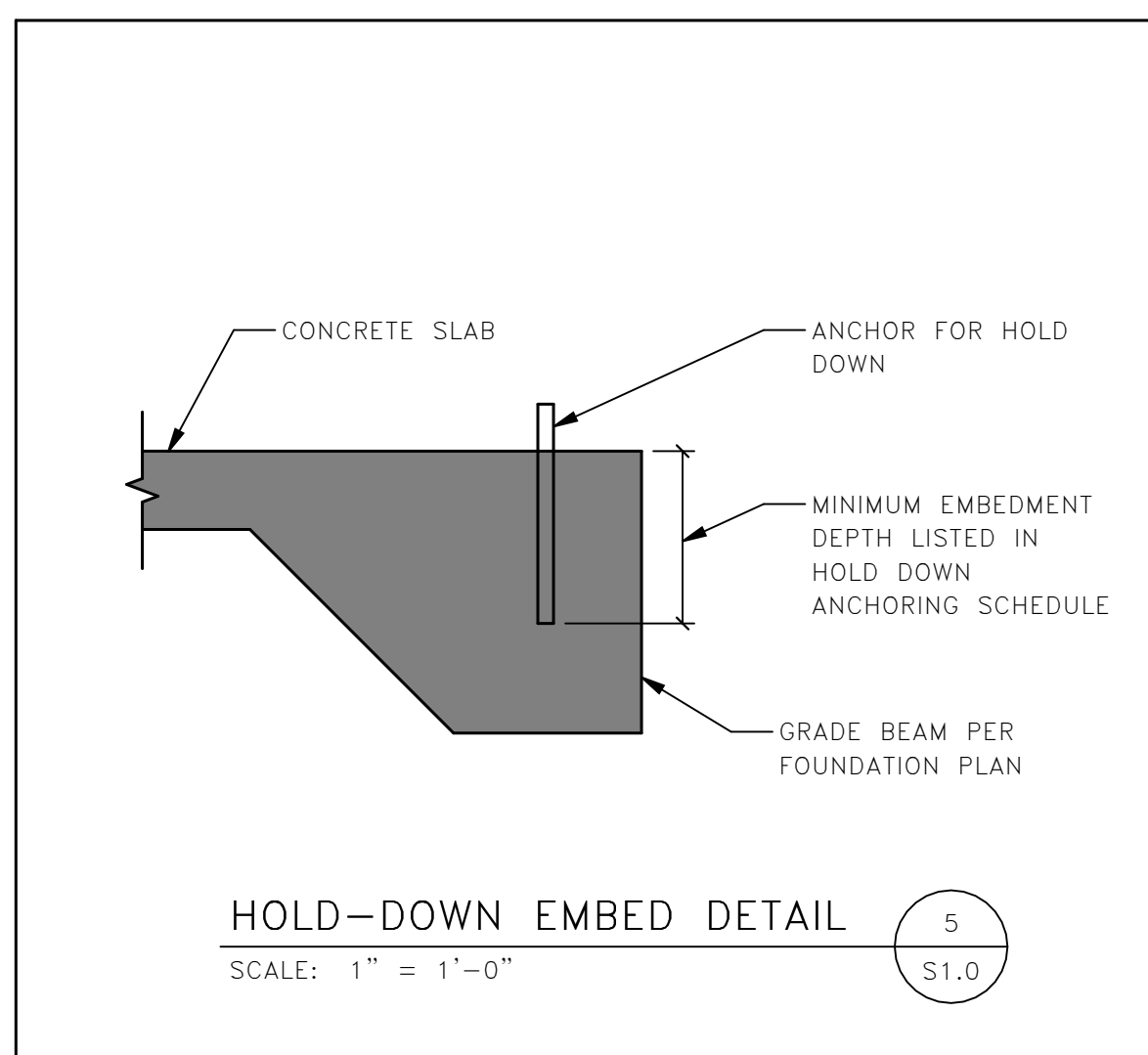
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FOUNDATION PLAN

SHEET:

S1.0



GENERAL FRAMING NOTES

PROVIDE SIMPSON H-10A HOLD DOWN CLIPS ON ALL TRUSSES UNLESS OTHERWISE SPECIFIED BY THE TRUSS SUPPLIER.

ICE AND WATERSHIELD TO BE USED IN ALL VALLEYS AND AT EAVES.

TRUSS MANUFACTURER TO PROVIDE CANTILEVER TRUSSES AT FRONT OVERHANG.

LINTEL SCHEDULE table with 5 columns: MARK, LINTEL, BEARING (EACH SIDE), BEARING HEIGHT, REMARKS

- NOTE: 1. PROVIDE A BOND BEAM WITH (2) #5 BARS AT ALL MASONRY OPENINGS NOT LISTED IN THIS SCHEDULE. USE 8" OF BEARING. 2. PROVIDE (1) #5 BAR IN GROUTED SOLID CORE AT EACH SIDE OF ALL MASONRY OPENINGS UNLESS NOTED OTHERWISE IN THE REMARKS ABOVE. VERTICAL BARS TO BE CONTINUOUS THROUGH LINTEL TO TOP OF WALL. 3. OTHER OPENINGS NOT LISTED IN THIS SCHEDULE REQUIRE NO SPECIAL STRUCTURAL HEADERS.

HOLD-DOWN ANCHORING SCHEDULE

Table with 3 columns: HOLD-DOWN, ANCHOR DIAMETER, MINIMUM EMBEDMENT

NOTE: SEE DETAIL 5/S1.0 FOR EMBEDMENT NOTE

WALL HOLD-DOWN KEY

- SIMPSON HDU2-SDS2.5 HOLD-DOWN, 2-PLY STUD (4) LOCATIONS
□ SIMPSON HDU5-SDS2.5 HOLD-DOWNS, 2-PLY STUD (2) LOCATIONS

ASD DESIGN LOADS

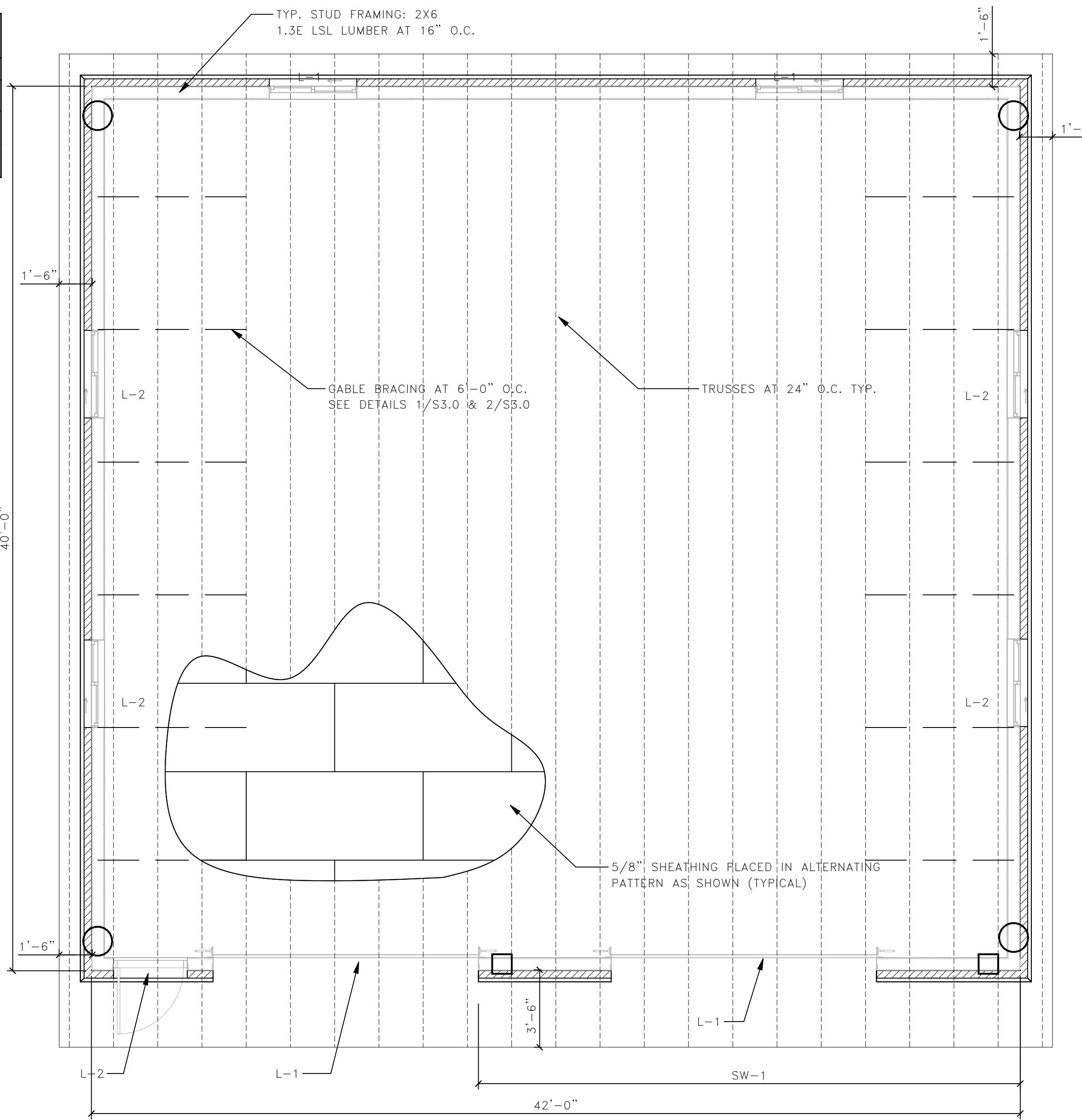
DEAD LOAD = 20 PSF
SNOW = 33.6 PSF
LIVE ROOF = 20 PSF
ROOF UPLIFT = 14.8 PSF

NAILING SCHEDULE table with 3 columns: CONNECTION, NAILING (COMMON NAILS UNLESS OTHER CONNECTION IS REQUIRED), STAPLES

- NOTES: 1. USE THESE PATTERNS UNLESS NOTED OTHERWISE IN THE PLANS
2. THESE PATTERNS COMPLY WITH IBC TABLE 2304.10.1

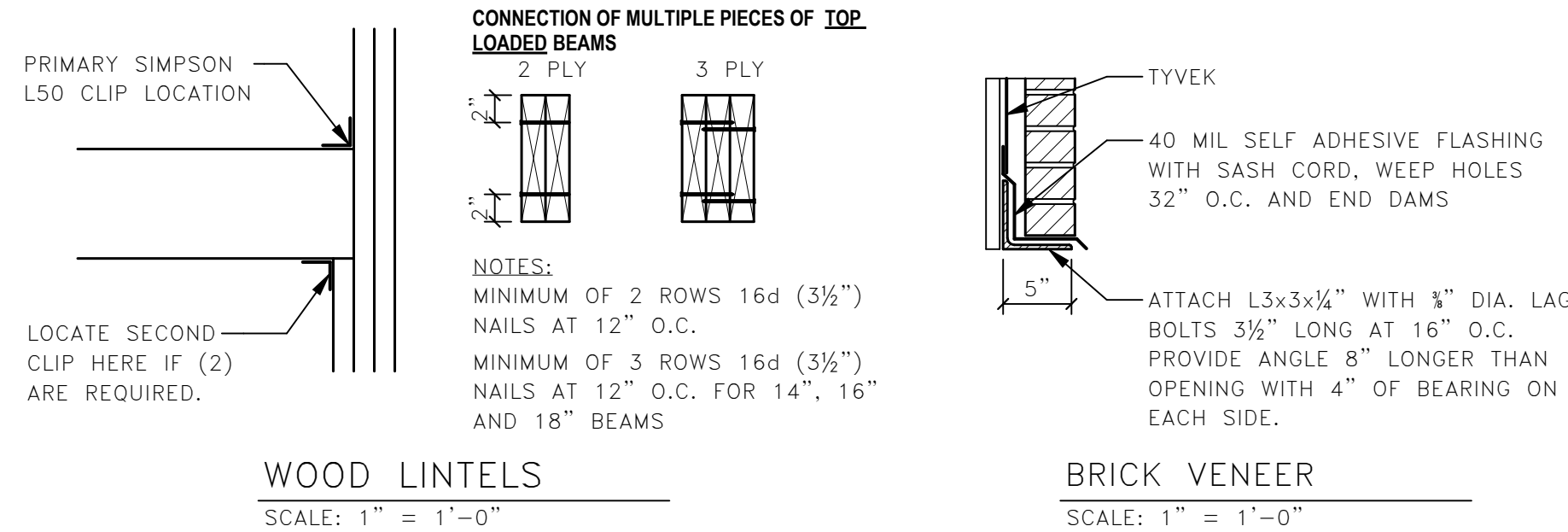
SHEAR WALL SHEATHING SCHEDULE

SW-1: 7/16" OSB WITH 4" FASTENER SPACING. BLOCK ALL PANEL EDGES



ROOF FRAMING PLAN

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

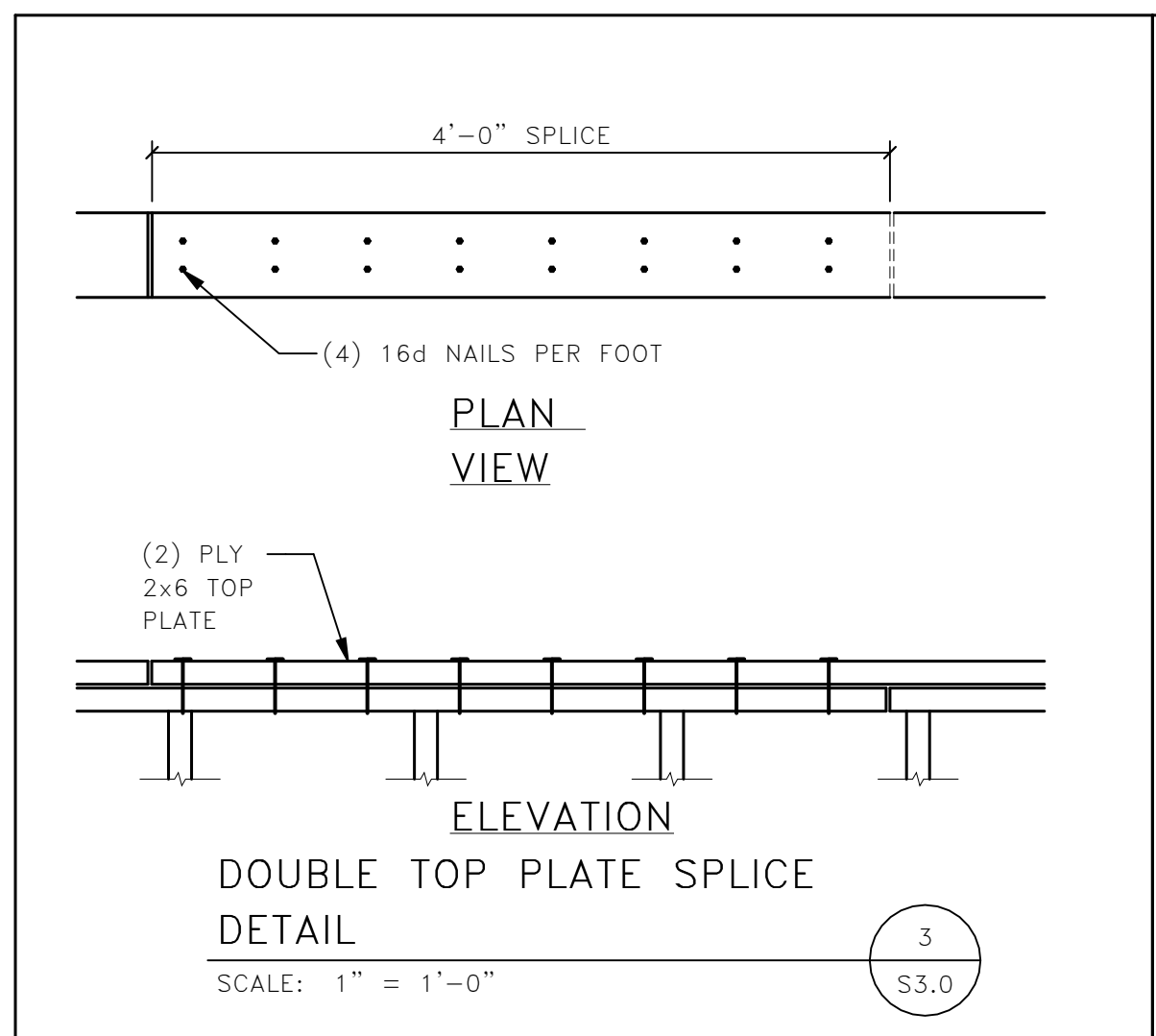


WOOD LINTELS

SCALE: 1" = 1'-0"

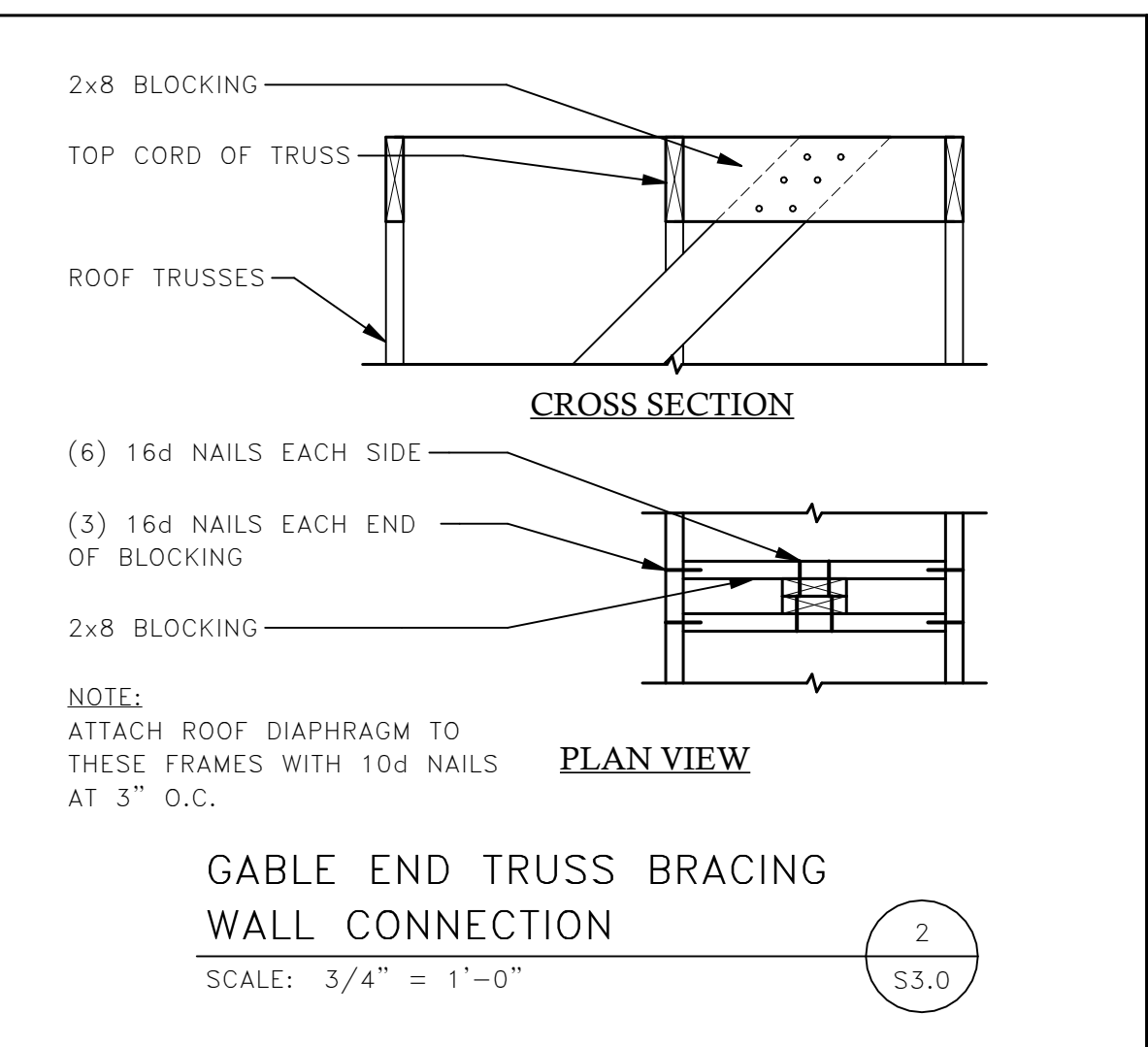
BRICK VENEER

SCALE: 1" = 1'-0"



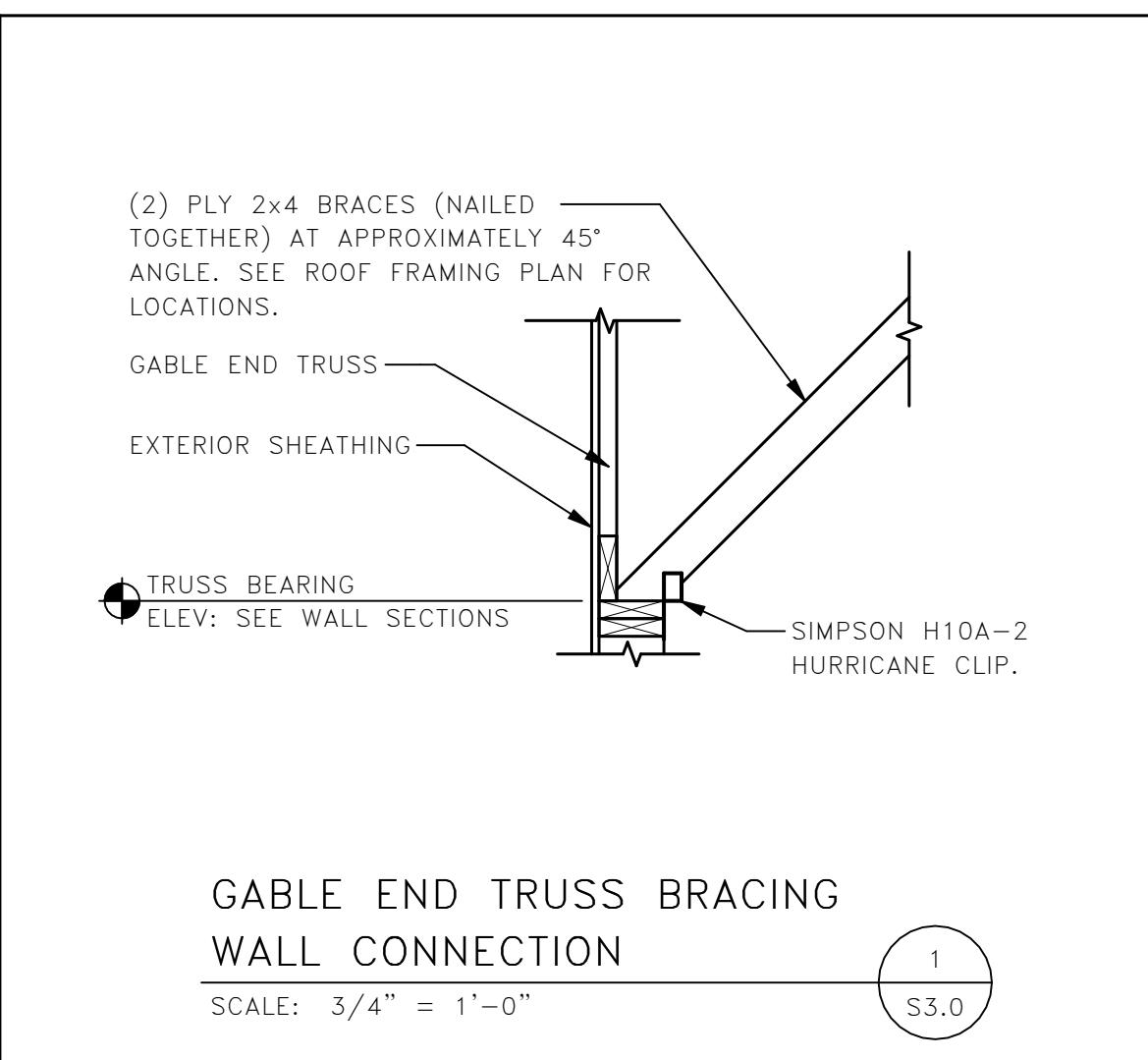
DOUBLE TOP PLATE SPLICE DETAIL

SCALE: 1" = 1'-0"



GABLE END TRUSS BRACING WALL CONNECTION

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



GABLE END TRUSS BRACING WALL CONNECTION

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

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www.integrityengineering.biz
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WI 54115

STORAGE SHED FOR:
DE PERE FIRE STATION
1180 GRANT ST,
DE PERE, WI 54115

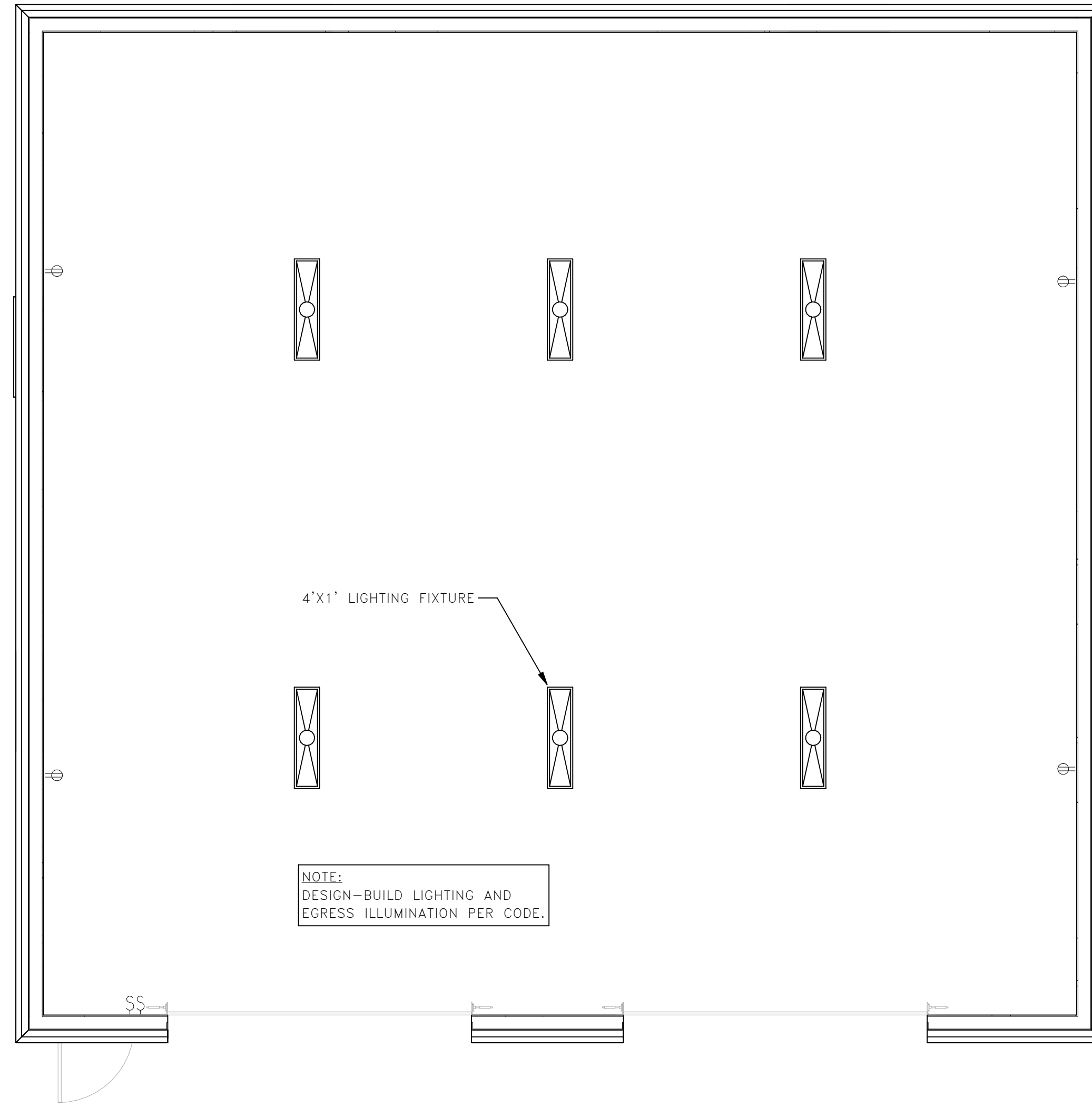
JOB NUMBER:
24136
IED PROJECT MANAGER:
C. DEUSCHER
DRAWN BY:
P. VOIGHT
DATE:
12/13/2024

ISSUED FOR CONSTRUCTION table with columns: NO., REVISIONS, DATE

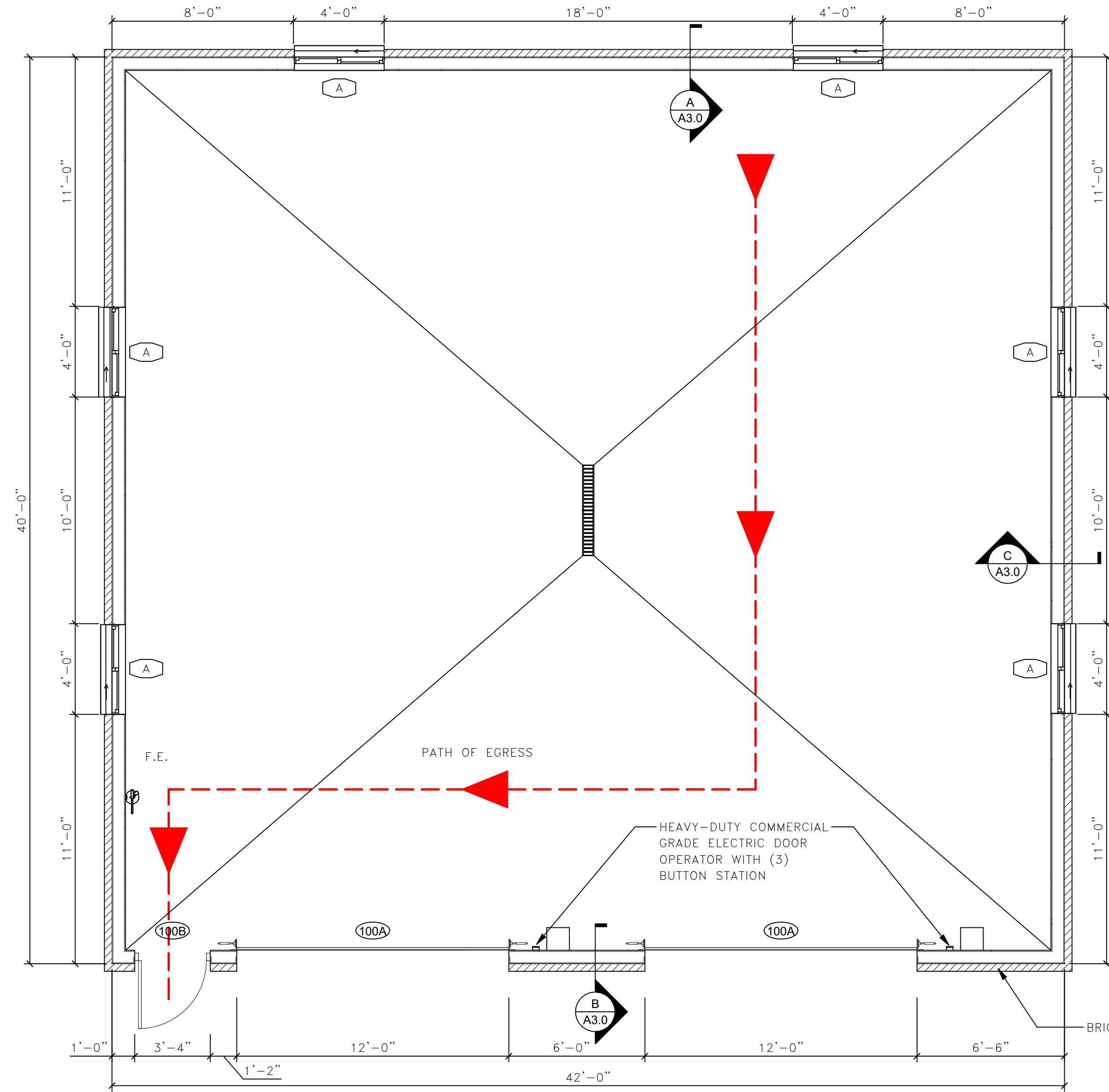
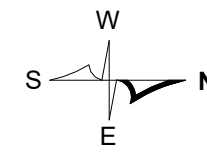
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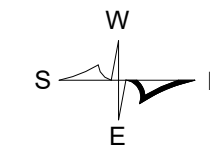
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REFLECTED CEILING PLAN
 SCALE: 1/4" = 1'-0"



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



VERIFY ALL FINISHES AND
 COLORS WITH OWNER

WI 54115

1180 GRANT ST,
 DE PERE,

**STORAGE SHED FOR:
 DE PERE FIRE STATION**

ISSUED JOB NUMBER: -----
 JOB NUMBER: 24136
 IED PROJECT MANAGER:
 C. DEUSCHER
 DRAWN BY:
 P. VOIGHT
 DATE:
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NO.	REVISIONS	DATE

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PRELIMINARY

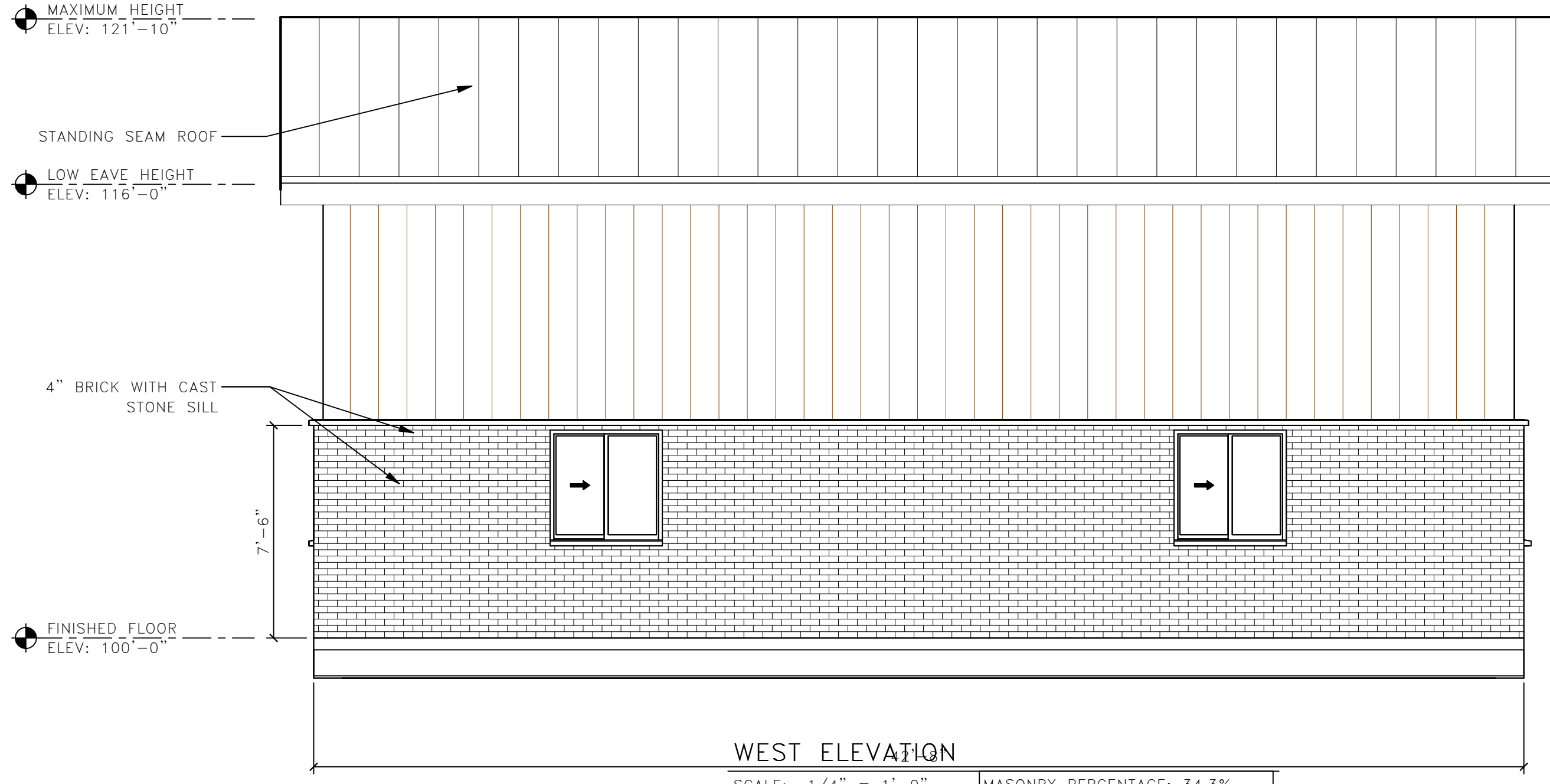
CONSTRUCTION

DESIGN REVIEW

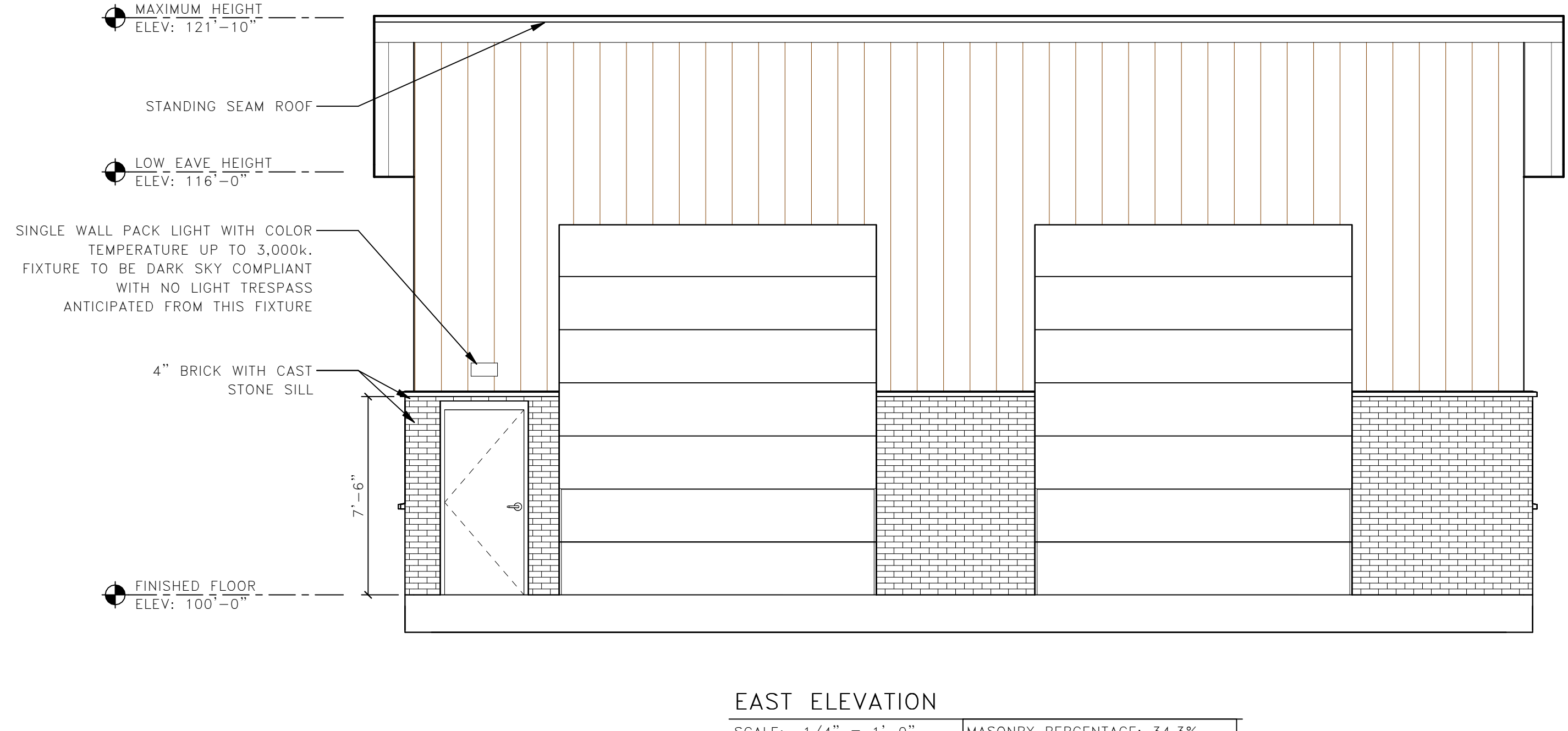
FLOOR PLAN

SHEET:

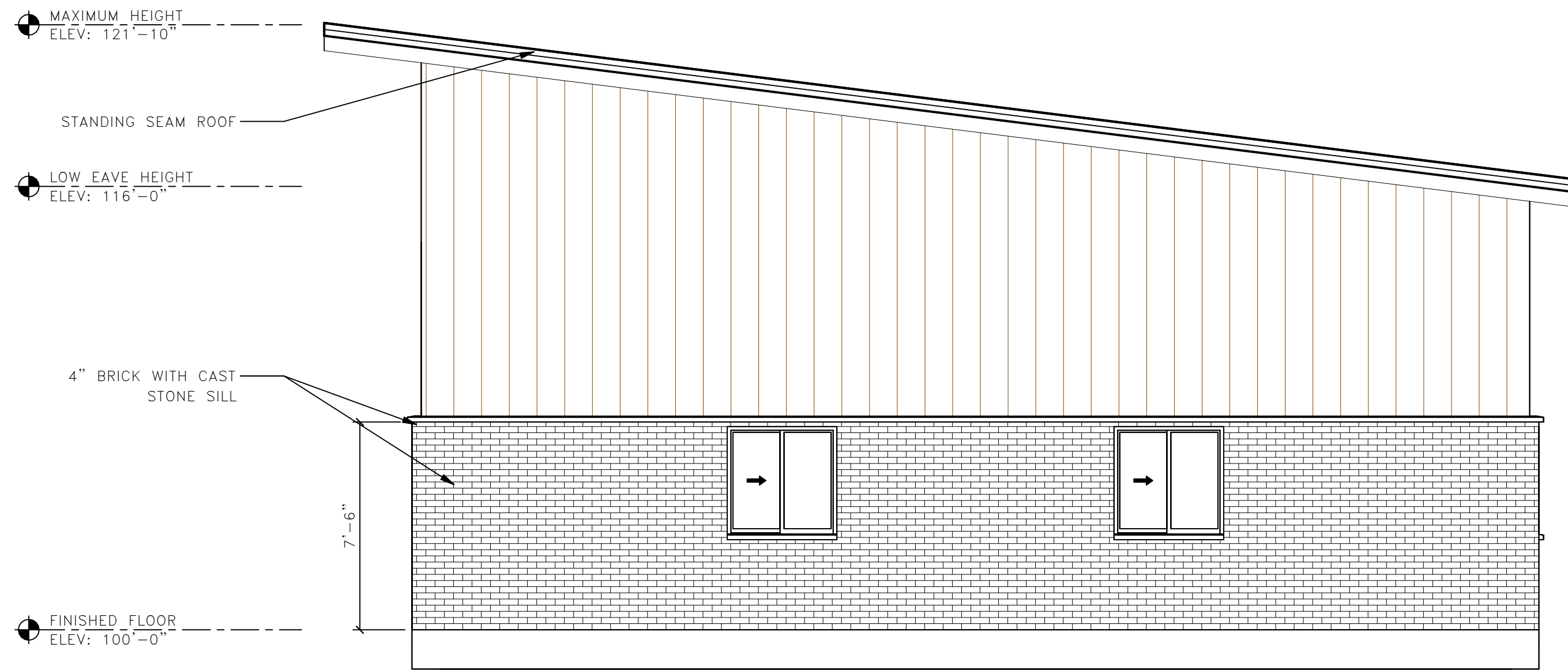
A1.0



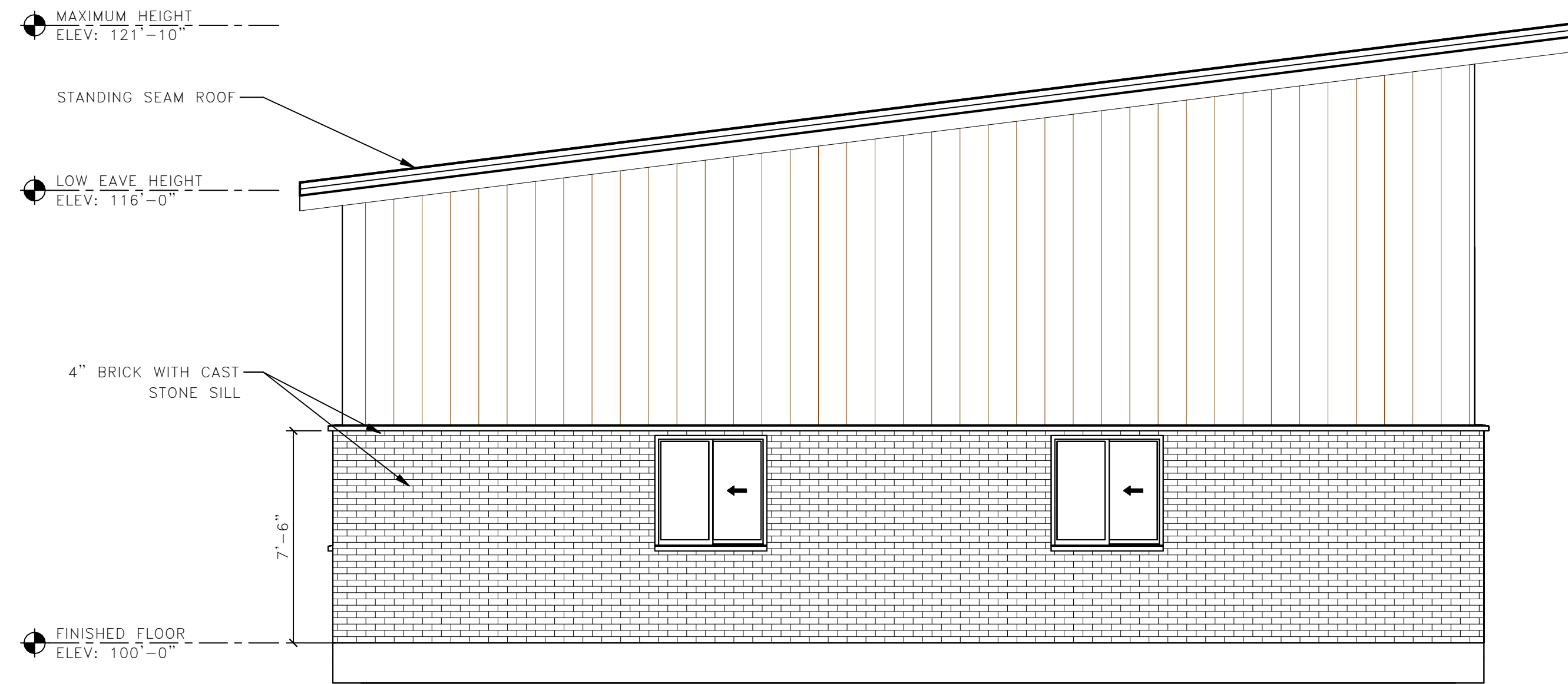
WEST ELEVATION
SCALE: 1/4" = 1'-0" MASONRY PERCENTAGE: 34.3%



EAST ELEVATION
SCALE: 1/4" = 1'-0" MASONRY PERCENTAGE: 34.3%



NORTH ELEVATION
SCALE: 1/4" = 1'-0" MASONRY PERCENTAGE: 34.3%



SOUTH ELEVATION
SCALE: 1/4" = 1'-0" MASONRY PERCENTAGE: 34.3%

WI 54115

STORAGE SHED FOR:
DE PERE FIRE STATION

1180 GRANT ST,
DE PERE,

IED JOB NUMBER: -----
JOB NUMBER: 24136
IED PROJECT MANAGER: C. DEUSCHER
DRAWN BY: P. VOIGHT
DATE: 12/13/2024

NO.	REVISIONS	DATE

ISSUED FOR:
 PRELIMINARY
 CONSTRUCTION
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ELEVATIONS

SHEET:
A2.0

STORAGE SHED FOR:
DE PERE FIRE STATION
 1180 GRANT ST,
 DE PERE,
 WI 54115

IED JOB NUMBER: -----
 JOB NUMBER: 24136
 IED PROJECT MANAGER: C. DEUSCHER
 DRAWN BY: P. VOIGHT
 DATE: 12/13/2024

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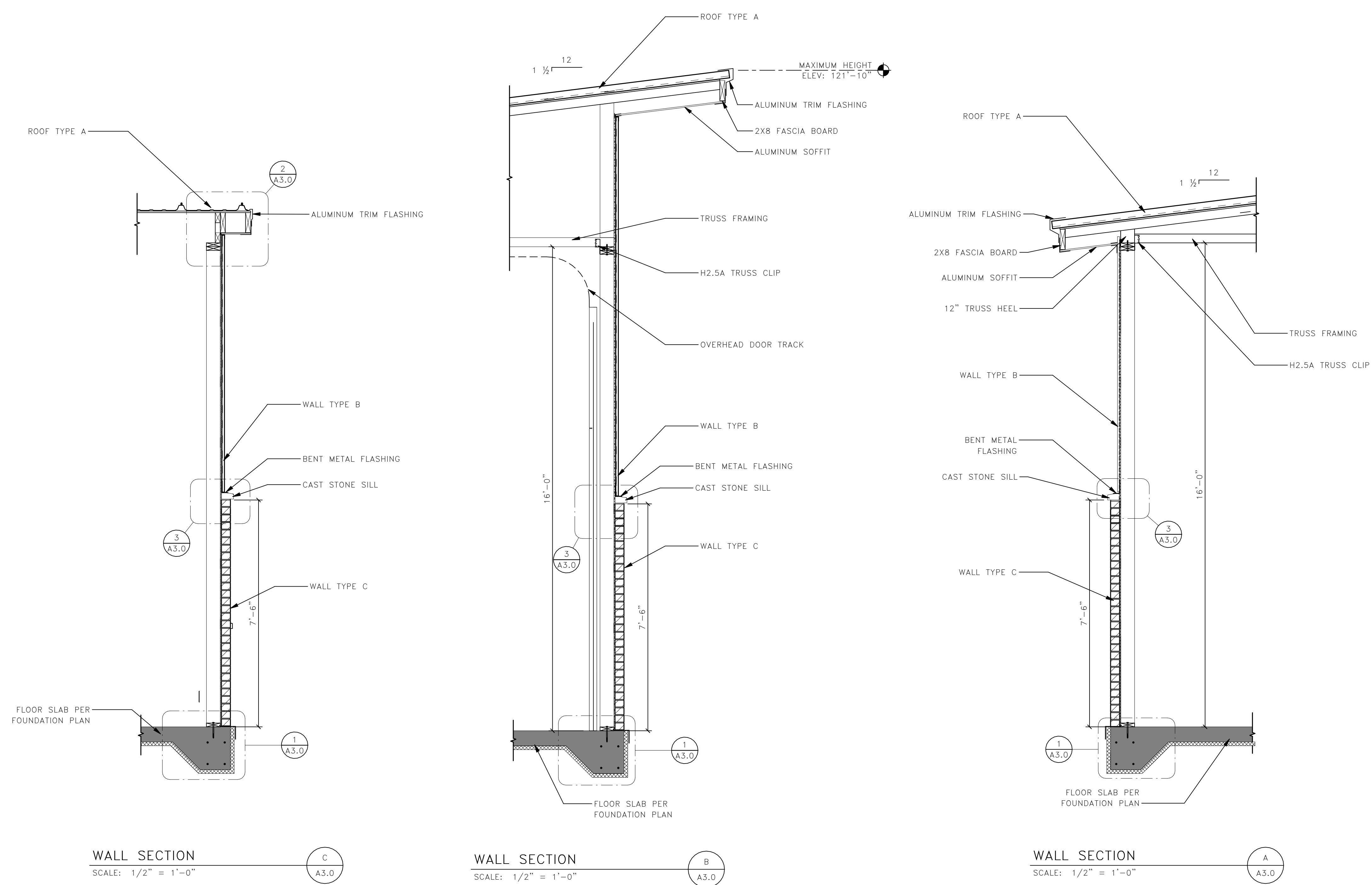
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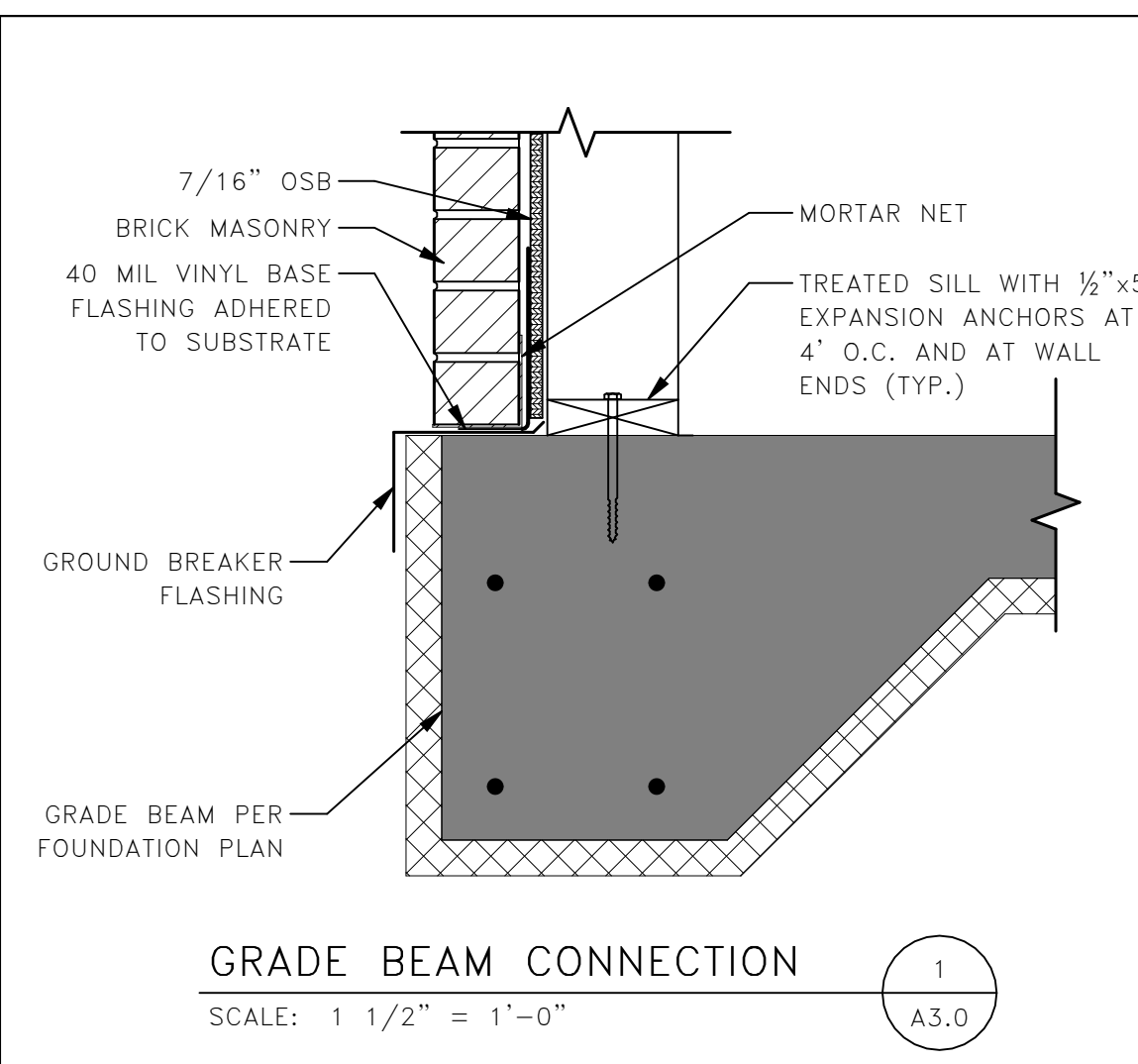
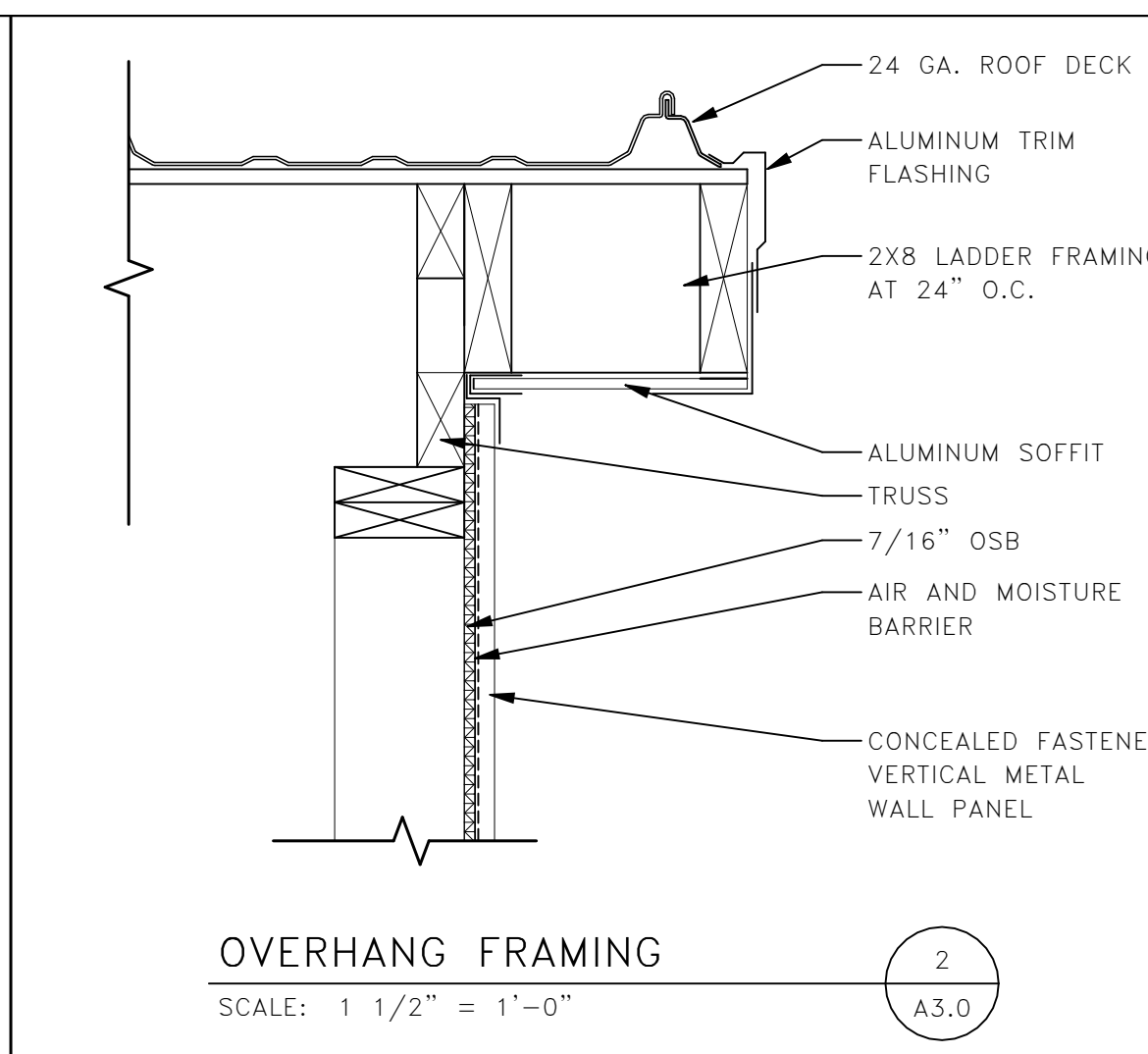
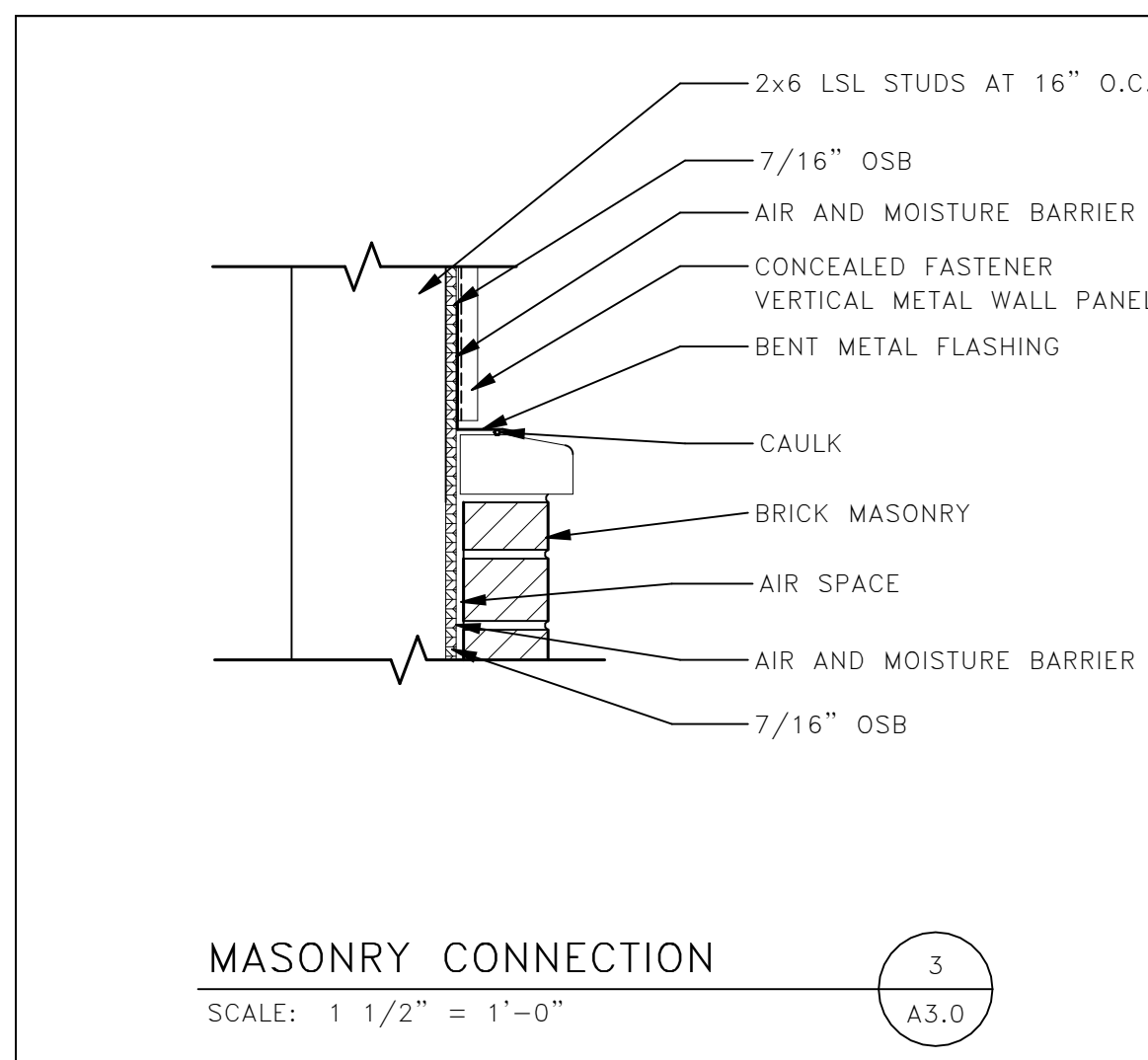
SECTIONS

SHEET:

A3.0



WALL AND ROOF TYPE SCHEDULE	
LETTER	DESCRIPTION
A	24 GA. STANDING SEAM ROOF ICE AND WATER SHIELD 5/8" PLYWOOD SHEATHING WOOD TRUSS AT 24" O.C.
B	22 GA. CONCEALED FASTENER VERTICAL METAL PANEL AIR AND MOISTURE BARRIER 7/16" OSB 2X6 LSL STUDS AT 16" O.C.
C	4" BRICK MASONRY WITH CAST STONE SILL AIR AND MOISTURE BARRIER 7/16" OSB 2X6 LSL STUDS AT 16" O.C.



ROOM FINISH SCHEDULE

NO.	ROOM NAME	FLOOR	BASE	WALLS NORTH	SOUTH	EAST	WEST	CEILING MATERIAL	HEIGHT	REMARKS
100	STORAGE	1	CONCRETE	EXPOSED	EXPOSED	EXPOSED	EXPOSED	EXPOSED	FULL	-

FLOOR FINISH TYPES:
EXPOSED - EXPOSED CONCRETE WILL HAVE A COMBINATION SEALER/CURING COMPOUND

BASE FINISH TYPES:
N/A

WALL FINISH TYPES:
EXPOSED - EXPOSED BUILDING STRUCTURE

CEILING FINISH TYPES:
EXPOSED - EXPOSED BUILDING STRUCTURE/INSULATION

ROOM FINISH REMARKS:
- PROVIDE SOUND BATT INSULATION IN ALL INTERIOR WALLS
- PAINT ALL EXPOSED STAIRWAY METAL WITH (1) COAT PRIMER & (2) FINISH COATS PAINT

DOOR SCHEDULE

NO.	QTY	DOOR DESCRIPTION			FRAME			HARDWARE			REMARKS
		SIZE (WxH)	DIAGRAM	MATERIAL	DIAGRAM	MATERIAL	DETAIL	FUNCTION	PANIC	CLOSER	
100A	2	12'-0" x 14'-0"	B	STEEL	-	-	-	-	-	-	UNINSULATED DOOR PANELS WITH 3 BUTTON STATION
100B	1	3'-0" x 7'-0"		H.M.	1	H.M.	-	STOREROOM	-	YES	-

PASSAGE
Both levers always unlocked.

SINGLE DUMMY TRIM
Single dummy trim for one side of door. Used for door pull or as matching machine trim.

OFFICE
Push-button locking. Push-button locks outside lever until unlocked with key or by rotating inside lever.

CLASSROOM
Outside lever locked and unlocked by key. Inside lever always unlocked.

EXIT
Blank plate outside. Inside lever always unlocked.

PRIVACY
Push-button locking. Can be opened from outside with small screwdriver. Turning inside lever or closing door releases button.

ENTRANCE
Turn/push-button locking: pushing and turning button locks outside lever requiring use of key until button is manually unlocked.

STOREROOM
Outside lever fixed. Entrance by key only. Inside lever always unlocked.

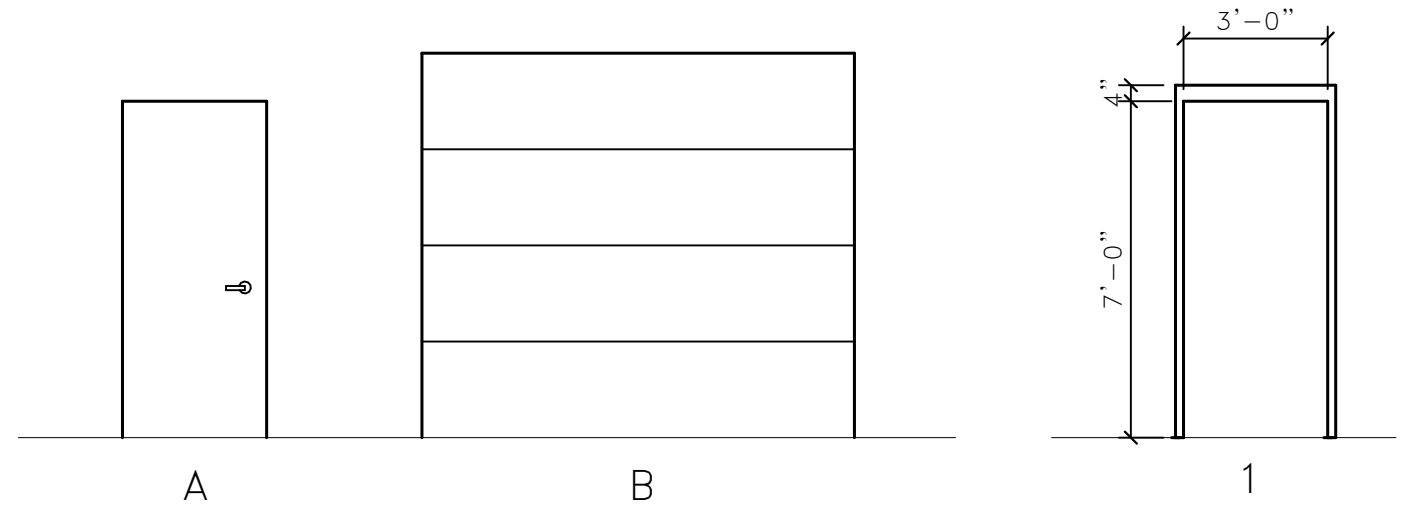
PUSH/PULL
Blank plate on push side. Lever on pull side.

STOREFRONT
Blank plate on push side. Handle on pull side. Deadbolt lock.

- NOTES: 1. ALL EXTERIOR DOORS TO BE INSULATED AND HAVE WEATHER-STRIPPING AND A THRESHOLD.
2. THE GLAZING CONTRACTOR IS REQUIRED TO PROVIDE TEMPERED GLASS WHERE REQUIRED BY CODE.
3. COLOR OF DOOR, FRAME AND HARDWARE TO BE DETERMINED BY OWNER.
4. DOOR PROVIDER MUST MEET ALL APPLICABLE CODES.
5. DOCK DOORS INTO CONDITIONED SPACES ARE REQUIRED TO HAVE WEATHERSEALS PER IECC 502.4.6.
6. FIRE RATED ROLLING SHUTTER DOORS REQUIRE A SMOKE ACTIVATED CLOSER PER IBC 716.5.9.3 AND APPLICABLE CODES.
7. ALL H OCCUPANCIES ARE TO HAVE PANIC HARDWARE

WINDOW SCHEDULE

NO.	QTY.	WINDOW		FRAME			GLAZING			REMARKS
		SIZE (WxH)	HEAD HEIGHT	MATERIAL	DIAGRAM	DETAIL	THICKNESS	TINT	LOW-E	
A	6	4'-0" x 4'-0"	7'-4"	VINYL	AA	-	3/4"	-	-	-



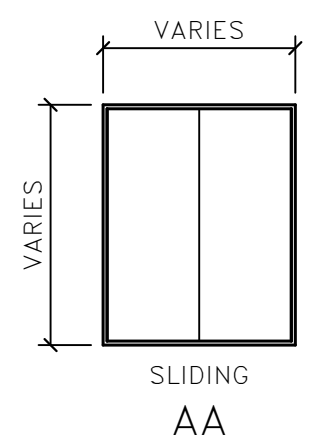
DOOR DIAGRAMS

NOT TO SCALE

NOTE:
• ALL OVERALL DIMENSIONS INDICATE FRAME SIZE.
• ALL METAL FRAMES AND MULLIONS ARE DRAWN AS 2" UNLESS DIMENSIONED OTHERWISE.

FRAME DIAGRAMS

NOT TO SCALE



WINDOW DIAGRAMS

NOT TO SCALE

NOTE:
• ALL OVERALL DIMENSIONS INDICATE ROUGH OPENING SIZE.
• ALL METAL FRAMES AND MULLIONS ARE DRAWN AS 2" UNLESS DIMENSIONED OTHERWISE.

- NOTES: 1. THE GLAZING CONTRACTOR IS REQUIRED TO PROVIDE TEMPERED GLASS WHERE REQUIRED BY CODE.
2. THE GLAZING CONTRACTOR SHALL PROVIDE ALL FLASHING AND CAULK AS REQUIRED FOR A COMPLETE JOB.
3. THE COLOR OF THE FRAME IS TO BE DETERMINED BY THE OWNER.

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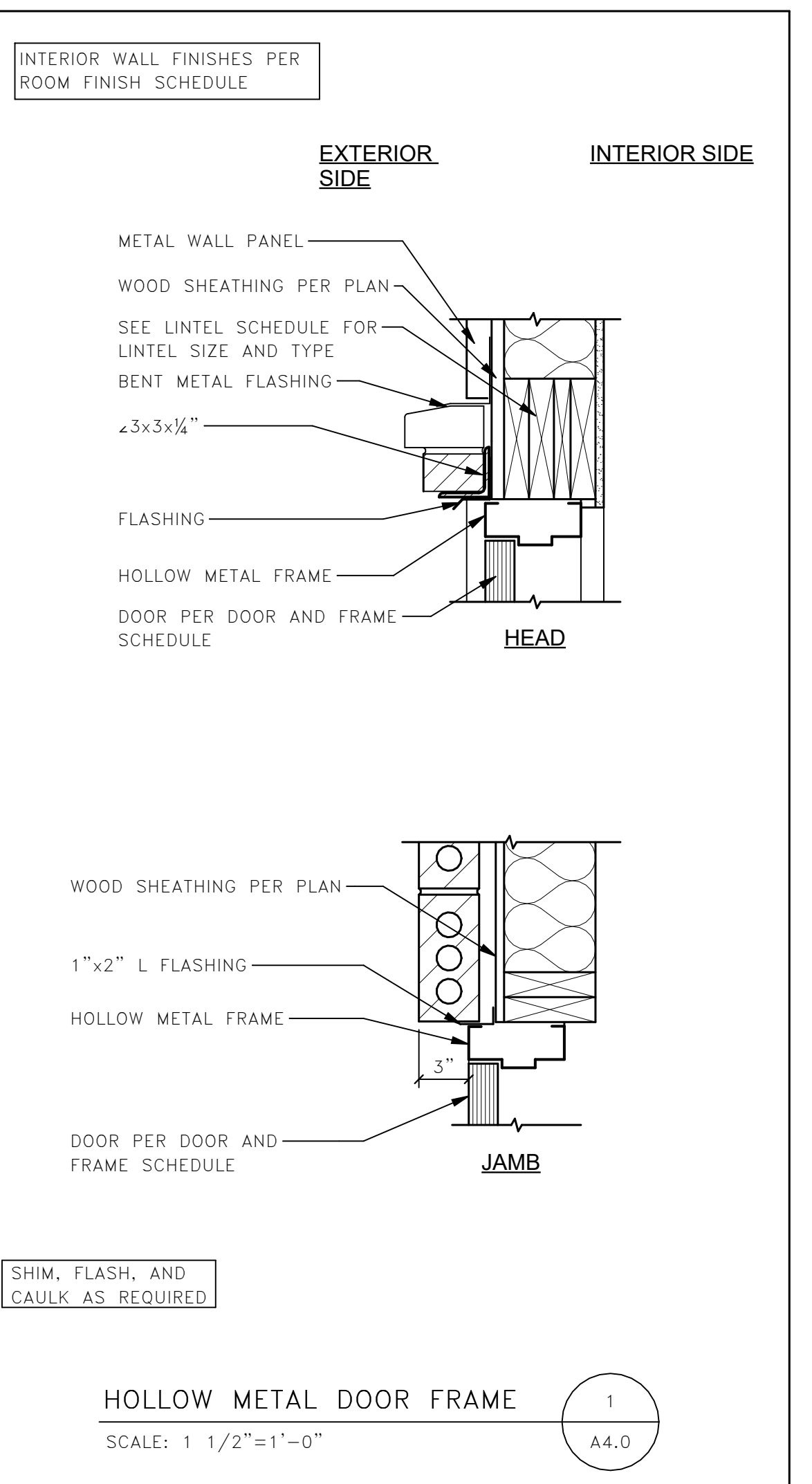
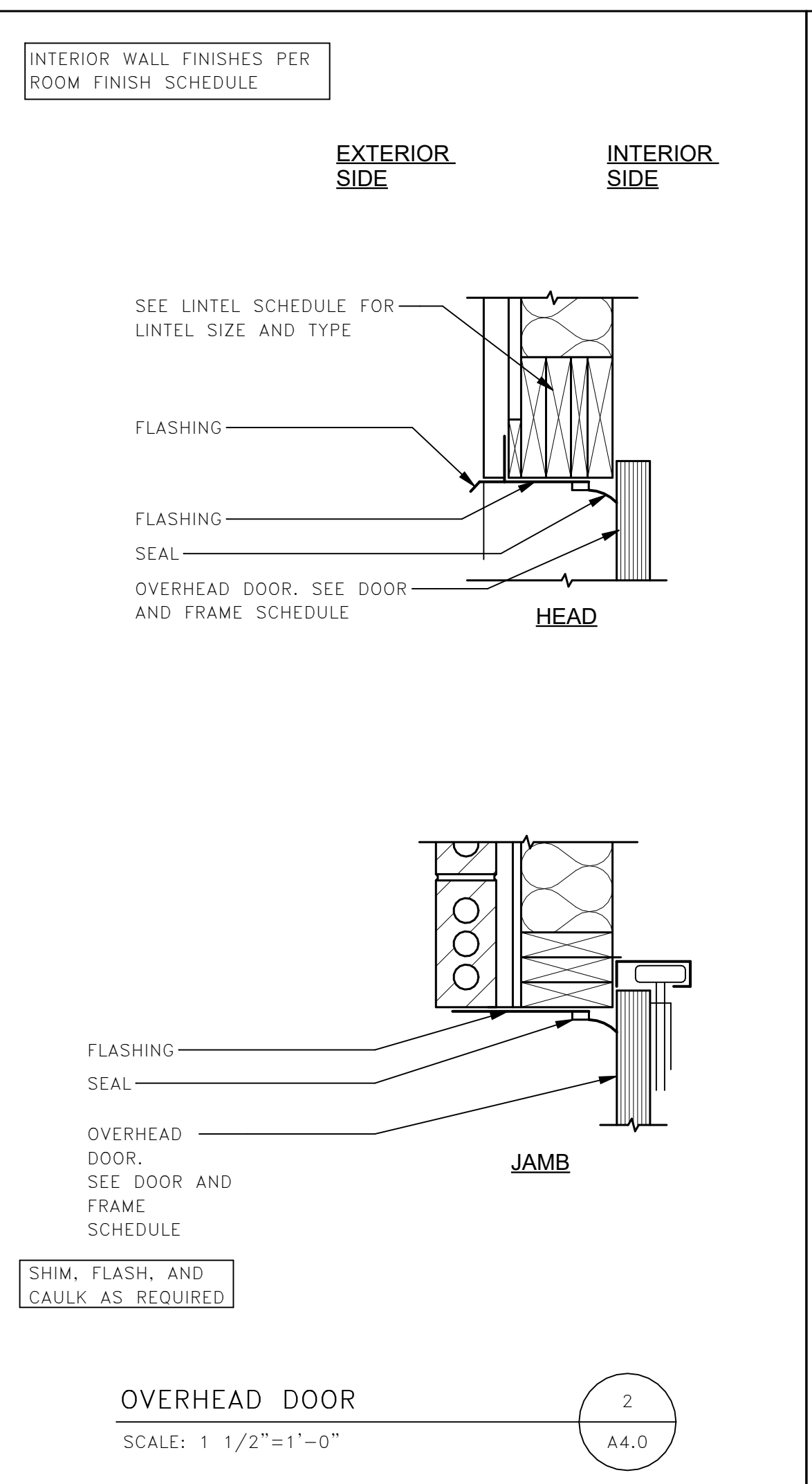
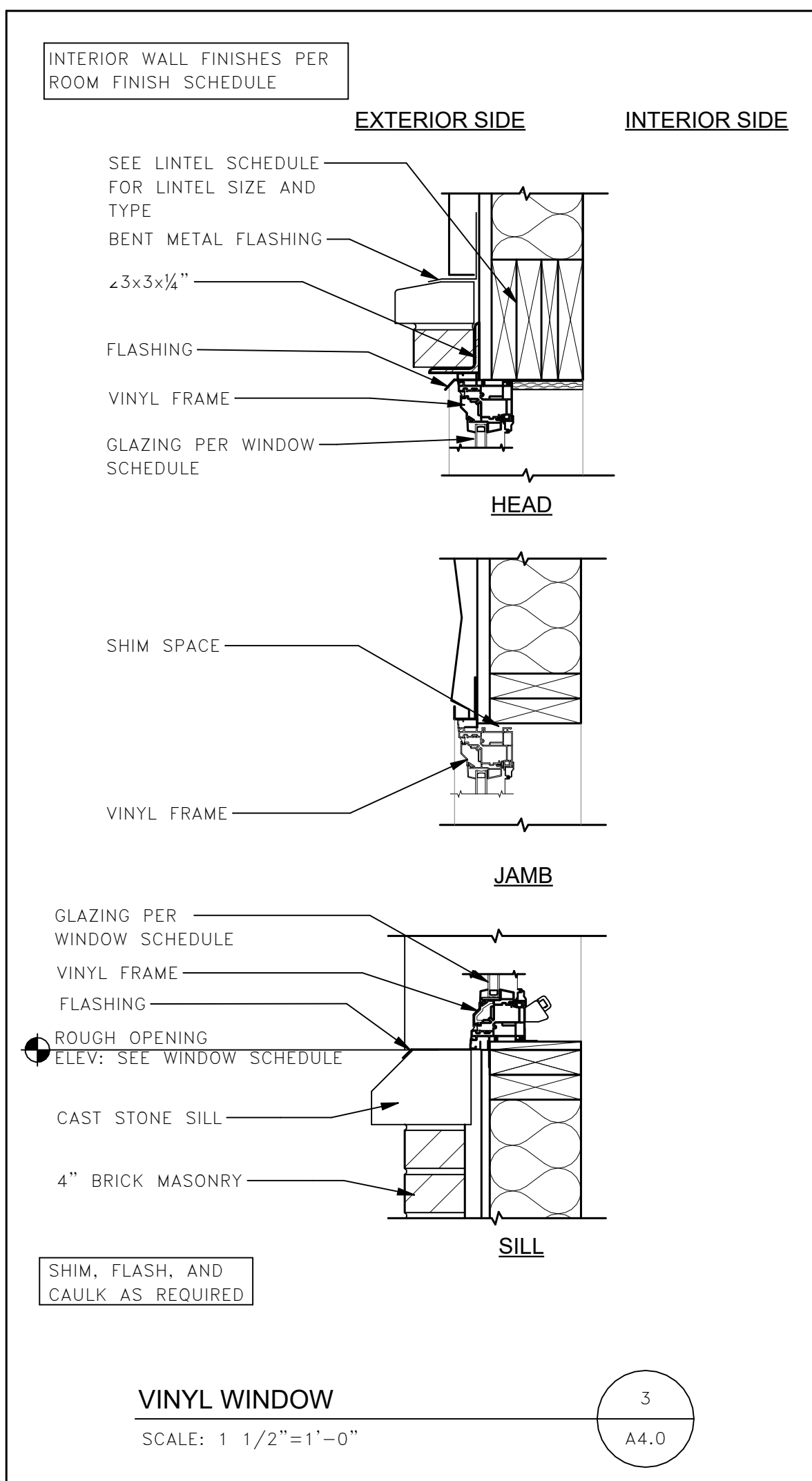
PRELIMINARY

CONSTRUCTION

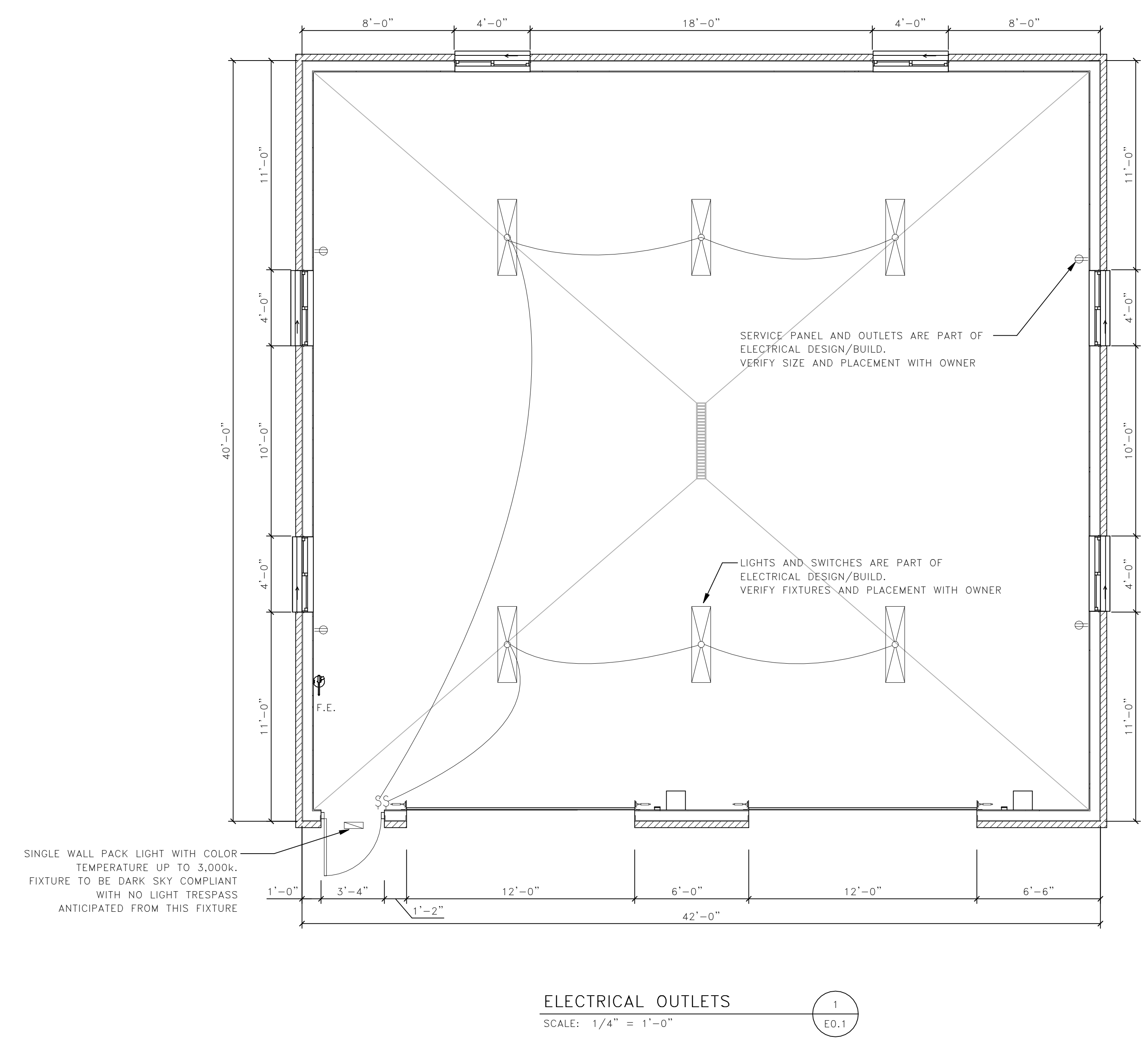
DESIGN REVIEW

SCHEDULES

SHEET:



A4.0



PROVIDE AT A MINIMUM ELECTRICAL OUTLETS AND SWITCHES AS SHOWN.
DESIGN/BUILD TO NEC CODE REQUIREMENTS.

STORAGE SHED FOR:
DE PERE FIRE STATION
1180 GRANT ST,
DE PERE,
WI 54115

IED JOB NUMBER: -----
JOB NUMBER: 24136
IED PROJECT MANAGER: C. DEUSCHER
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MINIMUM ELECTRICAL REQUIREMENTS

SHEET:
E0.1