

PENNSYLVANIA GAME COMMISSION
PROJECT NO. PGC-HN-24-01
HOWARD NURSERY
NEW 40' X 100' FORESTRY HEADQUARTERS BUILDING
HOWARD TOWNSHIP, CENTRE COUNTY, PENNSYLVANIA

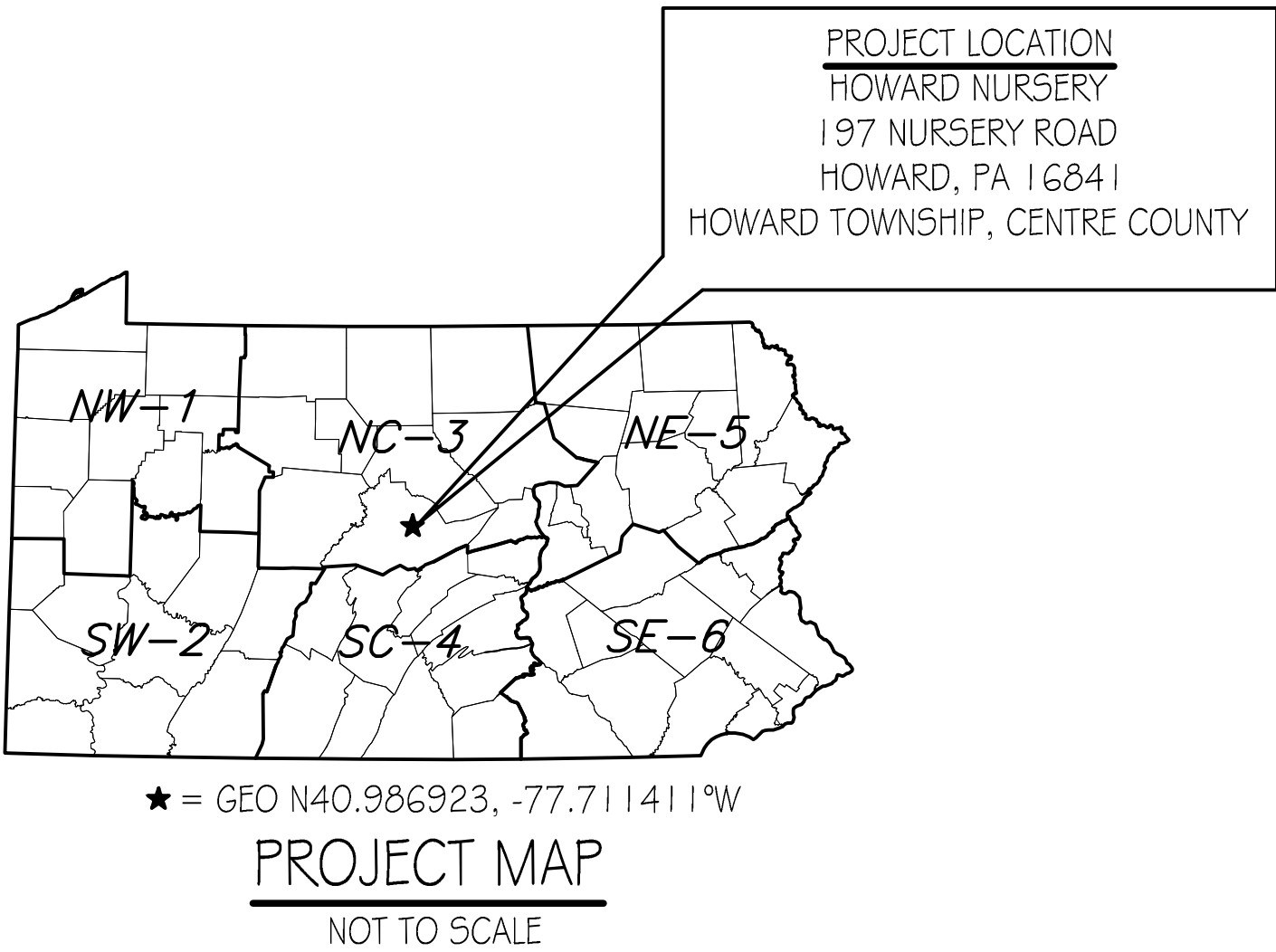
CONTRACT NO. 1: GENERAL CONSTRUCTION
CONTRACT NO. 2: MECHANICAL CONSTRUCTION
CONTRACT NO. 3: PLUMBING CONSTRUCTION
CONTRACT NO. 4: ELECTRICAL CONSTRUCTION

SITE PLAN GENERAL NOTES:

1. UTILITY LINE LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. UNDERGROUND TELEPHONE, ELECTRIC, GAS, SANITARY SEWER, WATER AND STORMWATER DRAINAGE LINES, ETC. MAY BE PRESENT AT SOME WORK LOCATIONS. FIELD VERIFICATION IS REQUIRED PRIOR TO ANY CONSTRUCTION. CONTACT PA ONE CALL AND COMPLY WITH ACT 287 (AS AMENDED) REGARDING LOCATIONS OF UNDERGROUND UTILITIES.
2. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF PENNDOT, THE LOCAL MUNICIPALITY AND THE CONTRACT DOCUMENTS.
3. CONTRACTOR SHALL COORWINATE WITH AFFECTED UTILITY COMPANIES IN THE EVENT ITEMS SUCH AS TEMPORARY POLE SUPPORT IS REQUIRED. THIS WORK SHALL BE COMPLETED AT NO ADDITIONAL COST TO THE OWNER.
4. EXISTING DRAINAGE FACILITIES SHALL REMAIN INTACT DURING CONSTRUCTION, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
5. ALL AREAS DISTURBED BY THE CONSTRUCTION WORK SHALL BE RESTORED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS TO THEIR ORIGINAL CONDITION OR BETTER.
6. ALL DISTURBED AREAS NOT RECEIVING OTHER SURFACE TREATMENT SHALL BE GRADED, SEEDED, AND MULCHED.
7. CONTRACTOR SHALL REFER TO CONTRACT DOCUMENTS FOR SOIL EROSION & SEDIMENTATION CONTROL PLAN REQUIREMENTS.
8. MAINTAIN ACCESS TO DRIVEWAYS AND ENTRANCES LOCATED ALONG THE PROJECT.
9. THE CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION VEHICLES (INCLUDING MATERIAL SUPPLIER VEHICLES) LEAVING THE PROJECT AREA HAVE MUD BUILDUP REMOVED FROM THE TIRES BEFORE EXITING ONTO PAVED ROADWAYS. ALL MUD TRACKED ONTO PAVED ROADWAYS SHALL BE IMMEDIATELY REMOVED FROM THE ROADWAY.

DRAWING INDEX

CS-1	COVER SHEET
SP-1	EXISTING SITE PLAN
SP-2	PROPOSED BUILDING SITE PLAN
SP-3	SITE DETAILS
A-1	FLOOR PLAN
A-2	ELEVATIONS, SECTIONS, DETAILS & WINDOW SCHEDULE
A-3	SECTIONS & BUILDING SIGN DETAILS
A-4	WALL SECTION & DETAILS
A-5	WALL SECTION & DETAILS
A-6	ENLARGED PLAN & ELEVATIONS
A-7	REFLECTED CEILING PLAN
A-8	DOOR & ROOM FINISH SCHEDULES
S-1	STRUCTURAL DRAWINGS
M-1	MECHANICAL FLOOR PLAN & DETAILS
P-1	PLUMBING ISOMETRIC DRAWINGS
E-1	ELECTRICAL FLOOR PLAN & LIGHT FIXTURE SCHEDULE
E-2	PANEL SCHEDULE & DETAILS



BUILDING CODE SUMMARY

Code: International Building Code, 2018 edition

Scope: Construction of a New 4,240 sq. ft. (approx.) 40' x 100' Forestry Headquarters Building at Howard Nursery located in Howard Township, Centre County. The new building shall include accommodations for PGC to provide Forestry Management, Nursery Management and provide public information on Howard Nursery including supporting staff offices, meeting room, lobby and restrooms for operations.

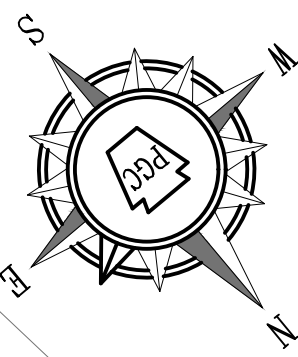
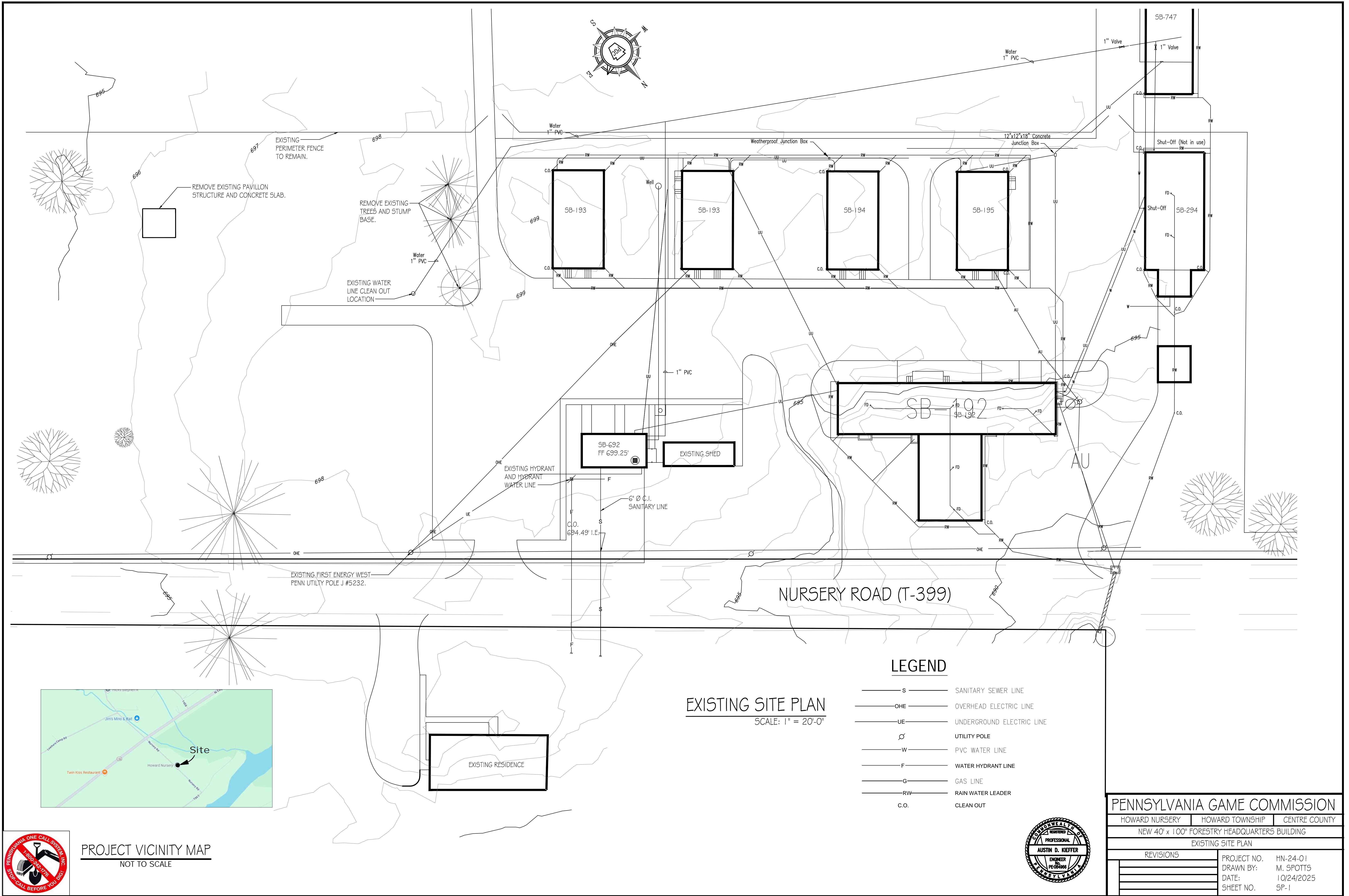
Summary:	
Use & Occupancy Group:	304.1 B, Buildings occupied for general buisness office
Construction Type:	VB (Table 601)
New Building Area:	4,240 s.f.
Allowable Area:	9,000 s.f. (Table 506.2)
Building Stories:	1 Story, No basement, Allowable Stories: 2 (Table 504.4)
Fire Protection:	No fire suppression, not required.
Fire Extinguishers:	Units of "A" = 4,240 / 1,500 = 2.82 ~ 3 (Table 906.3(1)) Fire extinguishers contained within approved fire extinguisher cabinets shall be provided at each of the three building exits.
Occupant Load:	Business Areas, Occupancy Factor = 150 gross (Table 1004.5) 4,240 S.F./150 = 28.26 ~ 29 Persons
Egress Width:	29 x 0.2 inches = 5.8 inches min. (1005.1).
Means Of Egress:	3 Exits provided = 144 inches; 2 required (1007.1, Table 1006.3.2).
Accessibility:	All building features shall be fully ADA compliant in accodance with the 2018 IBC Chapters 11- Accessibility and ICC A117.1-2017
Energy Efficiency:	Building to be fully heated and air conditioned. Building envelope, HVAC system and lighting systems shall comply with all International Conservation Code (ICC) applicable provisions.
Plumbing Fixture(s):	All plumbing requirements to fully comply with 2018- IPC Chapter 4 Fixtures, Faucets and Fixture Fittings Section 403.1, Minimum Number of Fixtures and Section 410, Drinking Fountain.



OVERALL EXISTING SITE PLAN
N.T.S.



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COVER SHEET		
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	DATE:	10/24/2025
	SHEET NO.	CS-1



EXISTING SITE PLAN
SCALE: 1" = 20'-0"

LEGEND

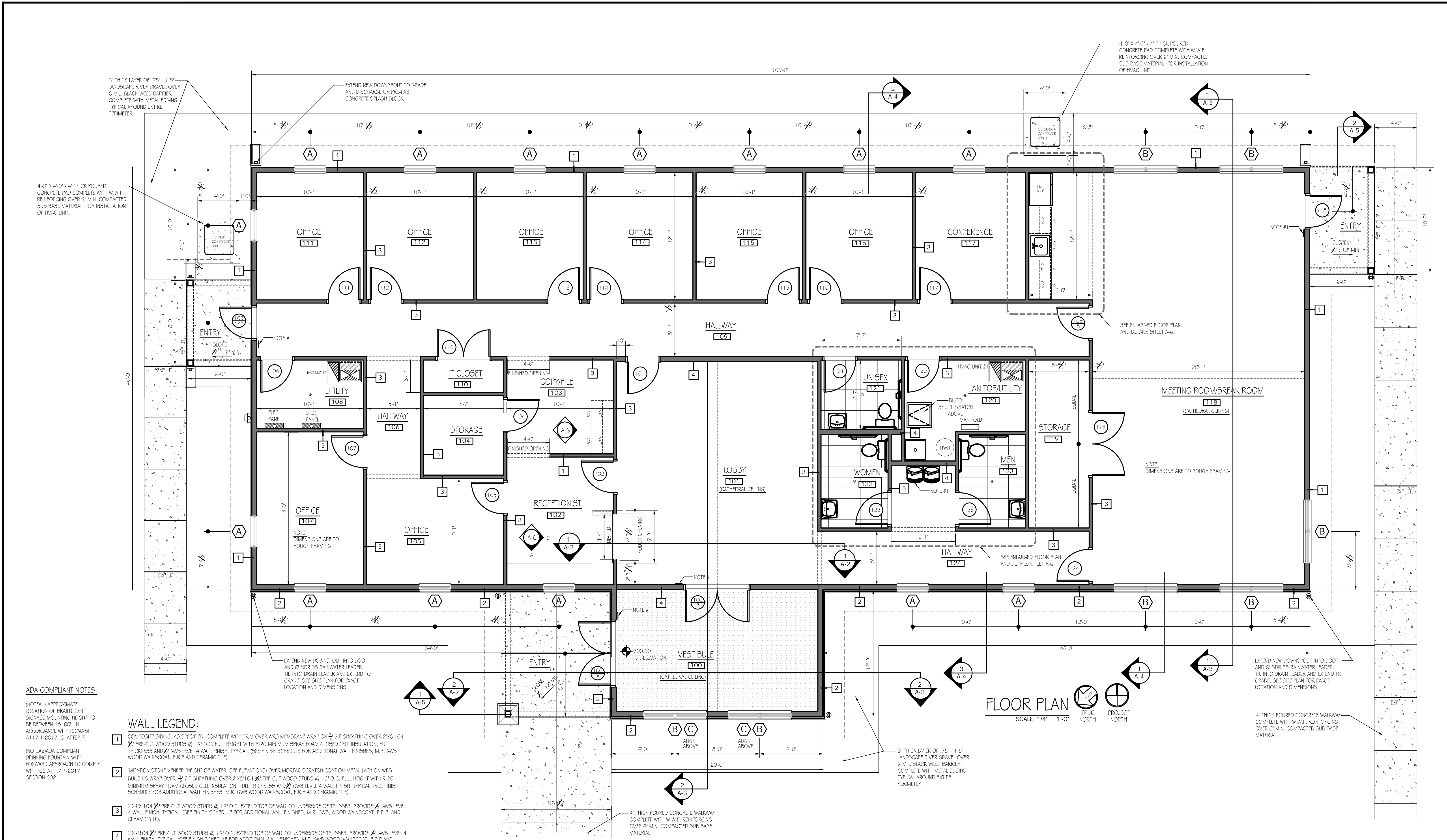
- S ——— SANITARY SEWER LINE
- OHE ——— OVERHEAD ELECTRIC LINE
- UE ——— UNDERGROUND ELECTRIC LINE
- ⊙ UTILITY POLE
- W ——— PVC WATER LINE
- F ——— WATER HYDRANT LINE
- G ——— GAS LINE
- RW ——— RAIN WATER LEADER
- C.O. ——— CLEAN OUT



PROJECT VICINITY MAP
NOT TO SCALE



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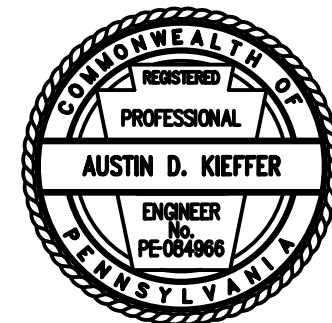
ADA COMPLIANT NOTES:

(NOTE#1) APPROXIMATE LOCATION OF BRAILLE EXIT SIGNAGE MOUNTING HEIGHT TO BE BETWEEN 48"-60" IN ACCORDANCE WITH ICC A117.1-2017, CHAPTER 7.

(NOTE#2) ADA COMPLIANT DRINKING FOUNTAIN WITH FORWARD APPROACH TO COMPLY WITH ICC A117.1-2017, SECTION 602

WALL LEGEND:

- 1 COMPOSITE SIDING, AS SPECIFIED, COMPLETE WITH TRIM OVER WRB MEMBRANE WRAP ON ZIP SHEATHING OVER 2X6@104 PRE-CUT WOOD STUDS @ 16" O.C. FULL HEIGHT WITH R-20 MINIMUM SPRAY FOAM CLOSED CELL INSULATION, FULL THICKNESS AND GWB LEVEL 4 WALL FINISH. TYPICAL (SEE FINISH SCHEDULE FOR ADDITIONAL WALL FINISHES, M.R. GWB WOOD WAINSCOT, F.R.P. AND CERAMIC TILE).
- 2 IMITATION STONE VENEER (HEIGHT OF WATER, SEE ELEVATIONS) OVER MORTAR SCRATCH COAT ON METAL LATH ON WRB BUILDING WRAP OVER ZIP SHEATHING OVER 2X6@104 PRE-CUT WOOD STUDS @ 16" O.C. FULL HEIGHT WITH R-20 MINIMUM SPRAY FOAM CLOSED CELL INSULATION, FULL THICKNESS AND GWB LEVEL 4 WALL FINISH. TYPICAL (SEE FINISH SCHEDULE FOR ADDITIONAL WALL FINISHES, M.R. GWB WOOD WAINSCOT, F.R.P. AND CERAMIC TILE).
- 3 2X4X104 PRE-CUT WOOD STUDS @ 16" O.C. EXTEND TOP OF WALL TO UNDERSIDE OF TRUSSES. PROVIDE GWB LEVEL 4 WALL FINISH. TYPICAL (SEE FINISH SCHEDULE FOR ADDITIONAL WALL FINISHES, M.R. GWB WOOD WAINSCOT, F.R.P. AND CERAMIC TILE).
- 4 2X6@104 PRE-CUT WOOD STUDS @ 16" O.C. EXTEND TOP OF WALL TO UNDERSIDE OF TRUSSES. PROVIDE GWB LEVEL 4 WALL FINISH. TYPICAL (SEE FINISH SCHEDULE FOR ADDITIONAL WALL FINISHES, M.R. GWB WOOD WAINSCOT, F.R.P. AND CERAMIC TILE).



PENNSYLVANIA GAME COMMISSION

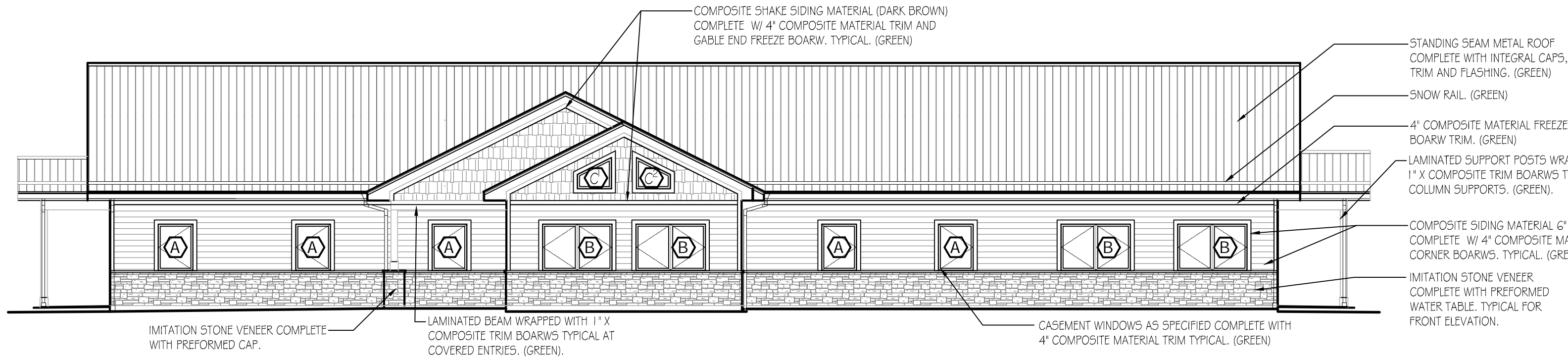
HOWARD NURSERY HOWARD TOWNSHIP CENTRE COUNTY

NEW 40' x 100' FORESTRY HEADQUARTERS BUILDING

FLOOR PLAN

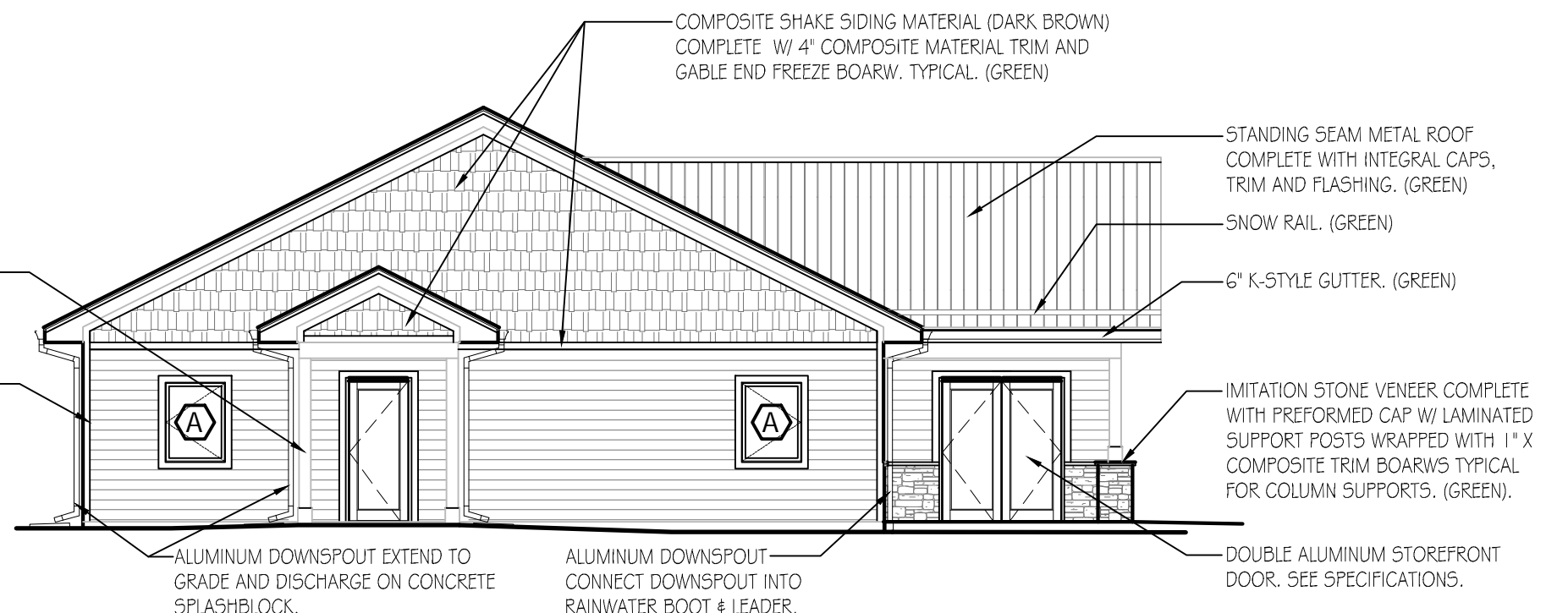
REVISIONS

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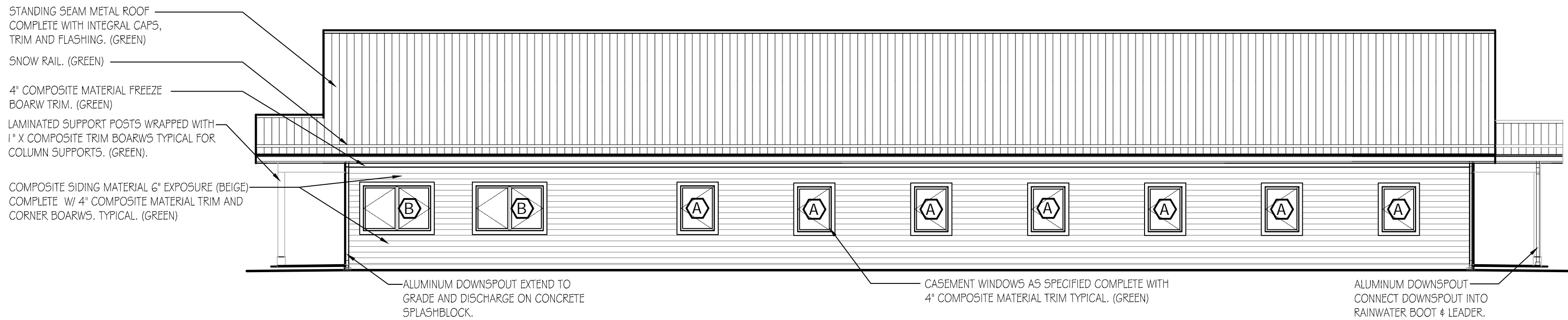
FRONT ELEVATION

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



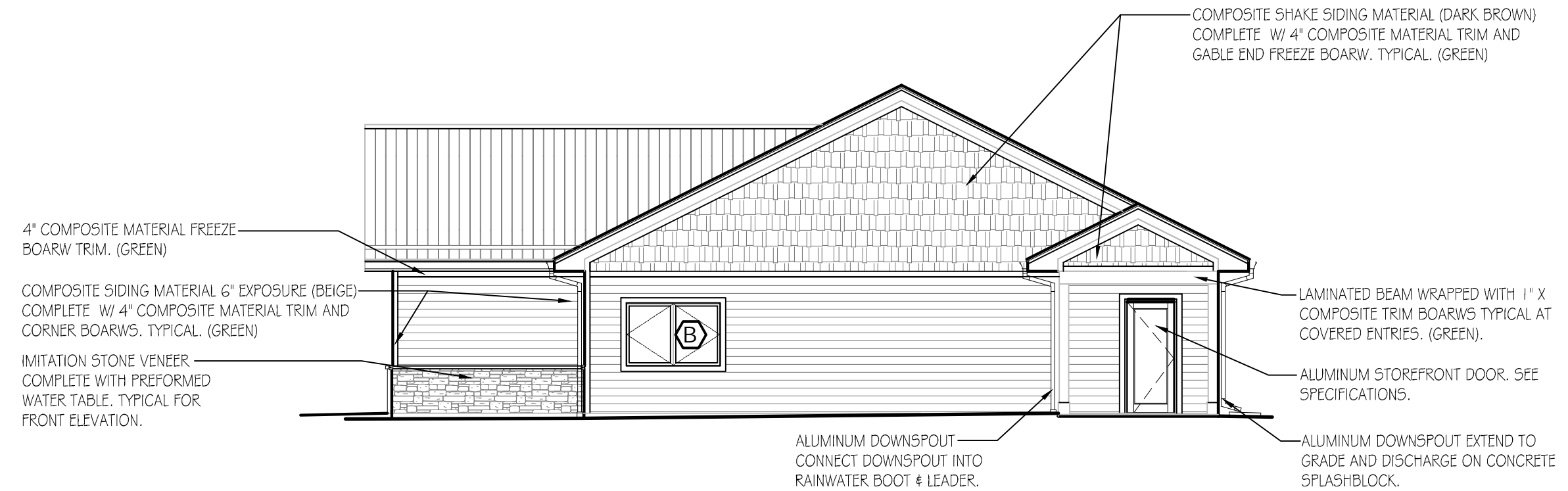
LEFT ELEVATION

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



REAR ELEVATION

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



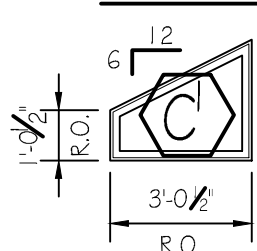
RIGHT ELEVATION

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

WINDOW SCHEDULE

MARK	MANUFACTURER	TYPE	MODEL	ROUGH OPENING W X H	COLOR	REMARKS
A	ANDERSON-400 SERIES	CASEMENT	CXW14	3'-0 1/2" X 4'-0 1/2"	GREEN	PROVIDE WINDOW MINI BLINDS AS SPECIFIED.
B	ANDERSON-400 SERIES	CASEMENT	CXW24	3'-0 1/2" X 6'-0 1/8"	GREEN	PROVIDE WINDOW MINI BLINDS AS SPECIFIED.
C	ANDERSON-400 SERIES	FLEXI FRAME	CUSTOM	3'-0 1/2" X VARIES	GREEN	SEE WINDOW ELEVATION FOR DETAILS.

WINDOW TYPE



TYPE C

WINDOW TYPE C\"/>

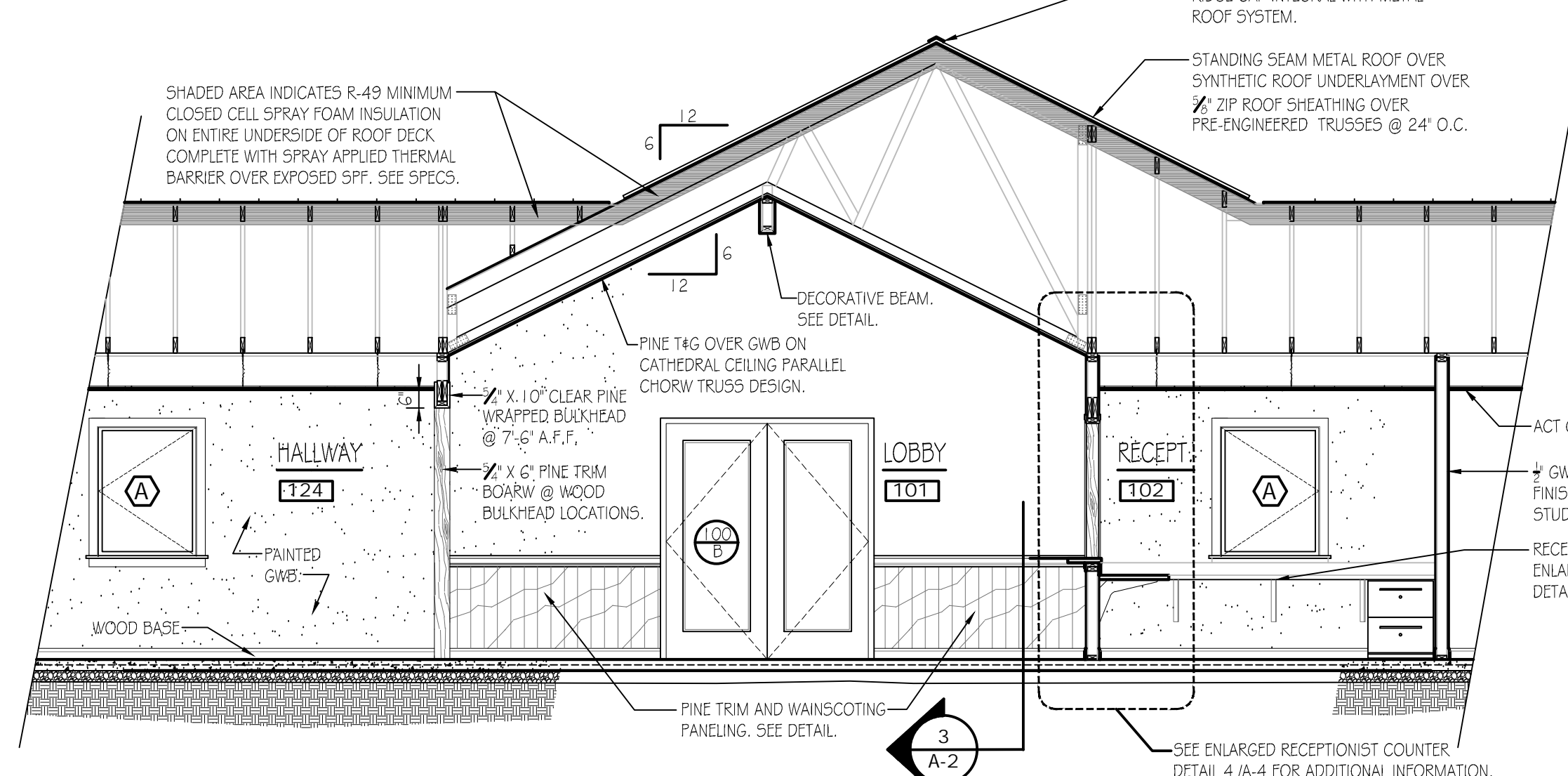
WINDOW SCHEDULE NOTES:

1) ALL WINDOWS TO BE COMPLETE WITH CLEAR, DOUBLE PANE, LOW E GLASS W/ ARGON GAS AND EXTENSION JAMBS AS REQUIRED.

2) EXTERIOR WINDOW COLOR TO BE FOREST GREEN WITH INTERIOR FINISH OF PINE (STAINED).

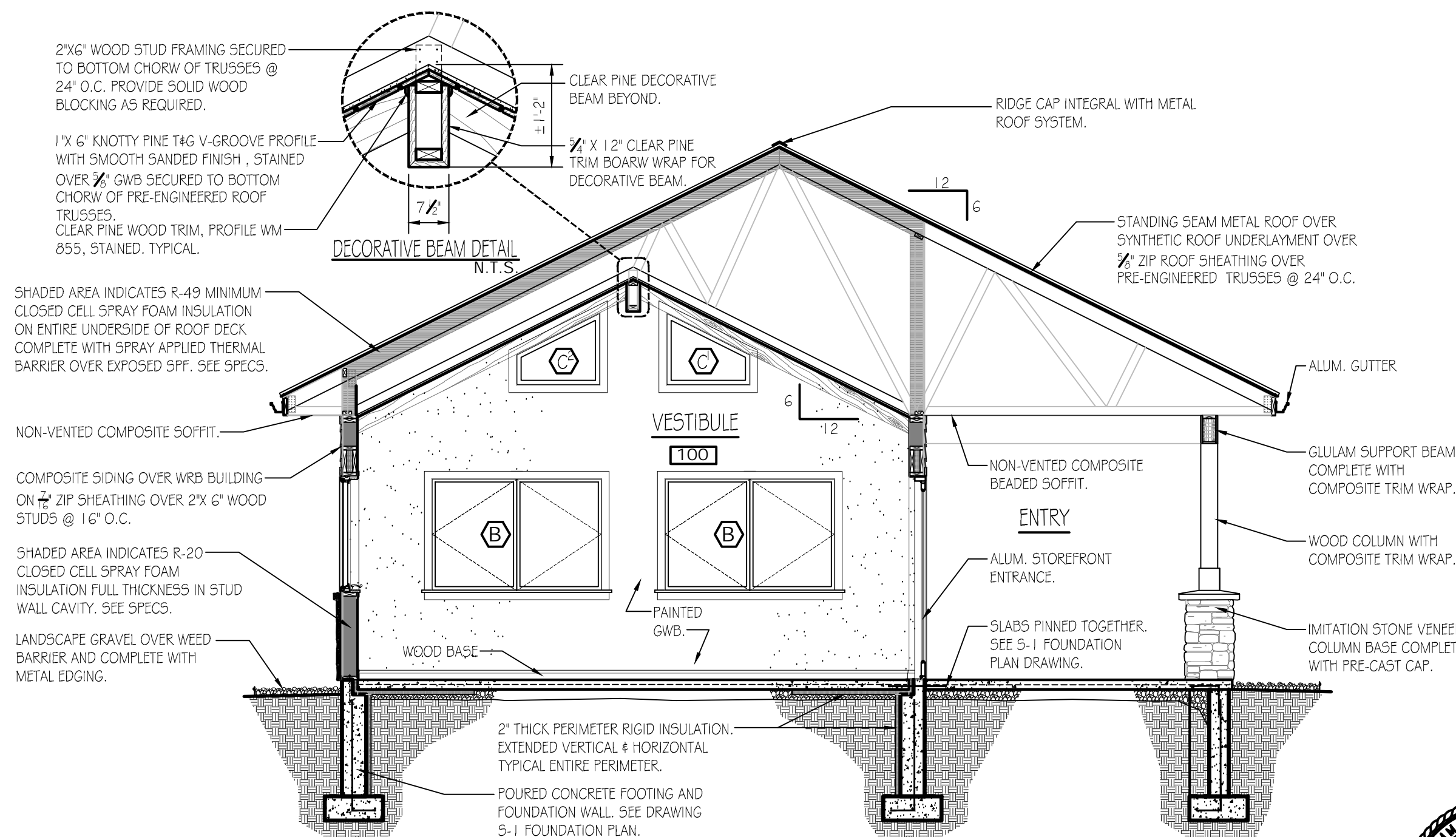
3) SEE SPECIFICATIONS FOR ADDITIONAL WINDOW INFORMATION.

4) WINDOW TYPE \"/>



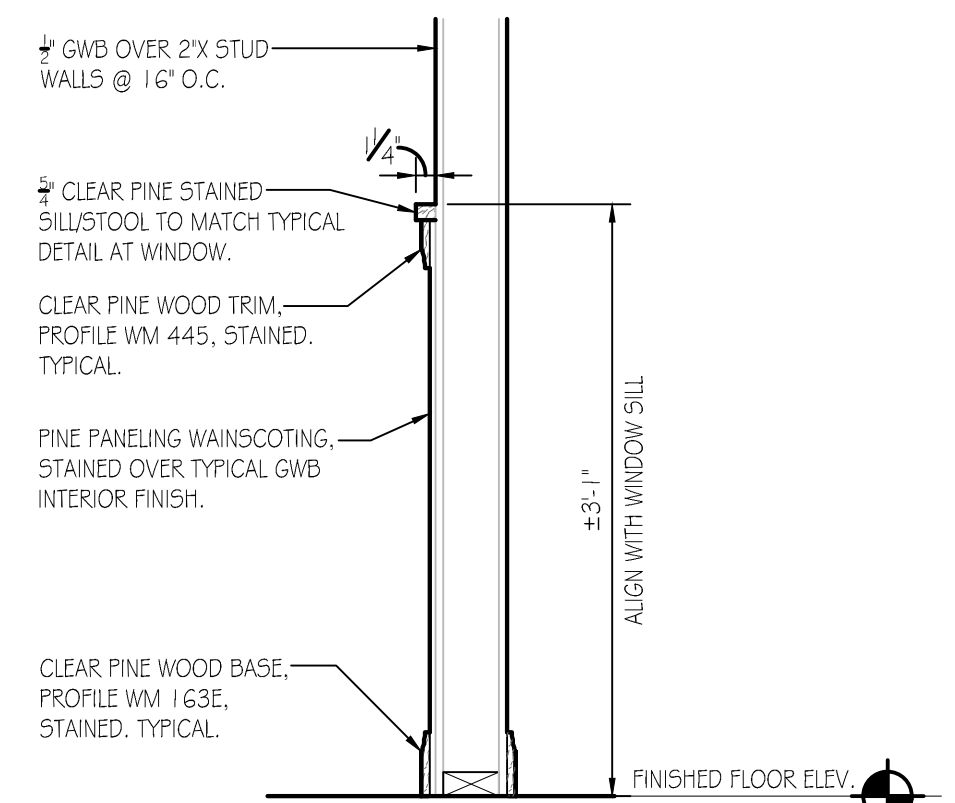
BUILDING SECTION

SCALE: 1/4\"/>



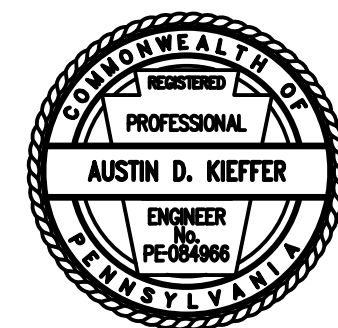
BUILDING SECTION

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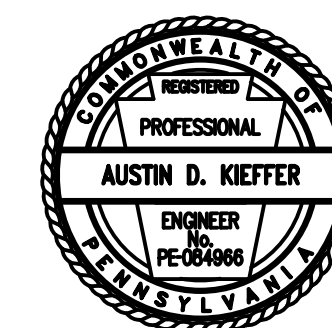
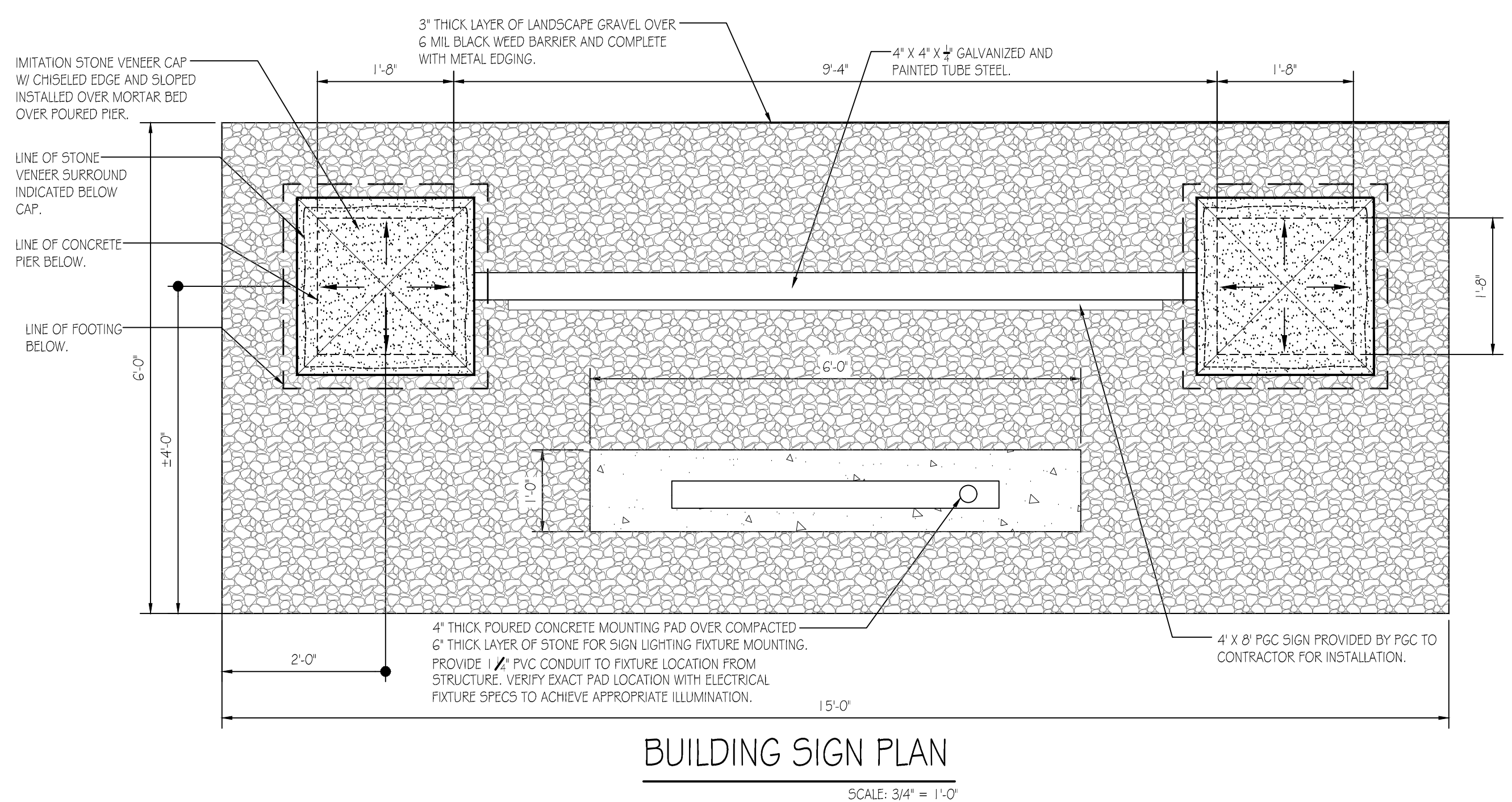
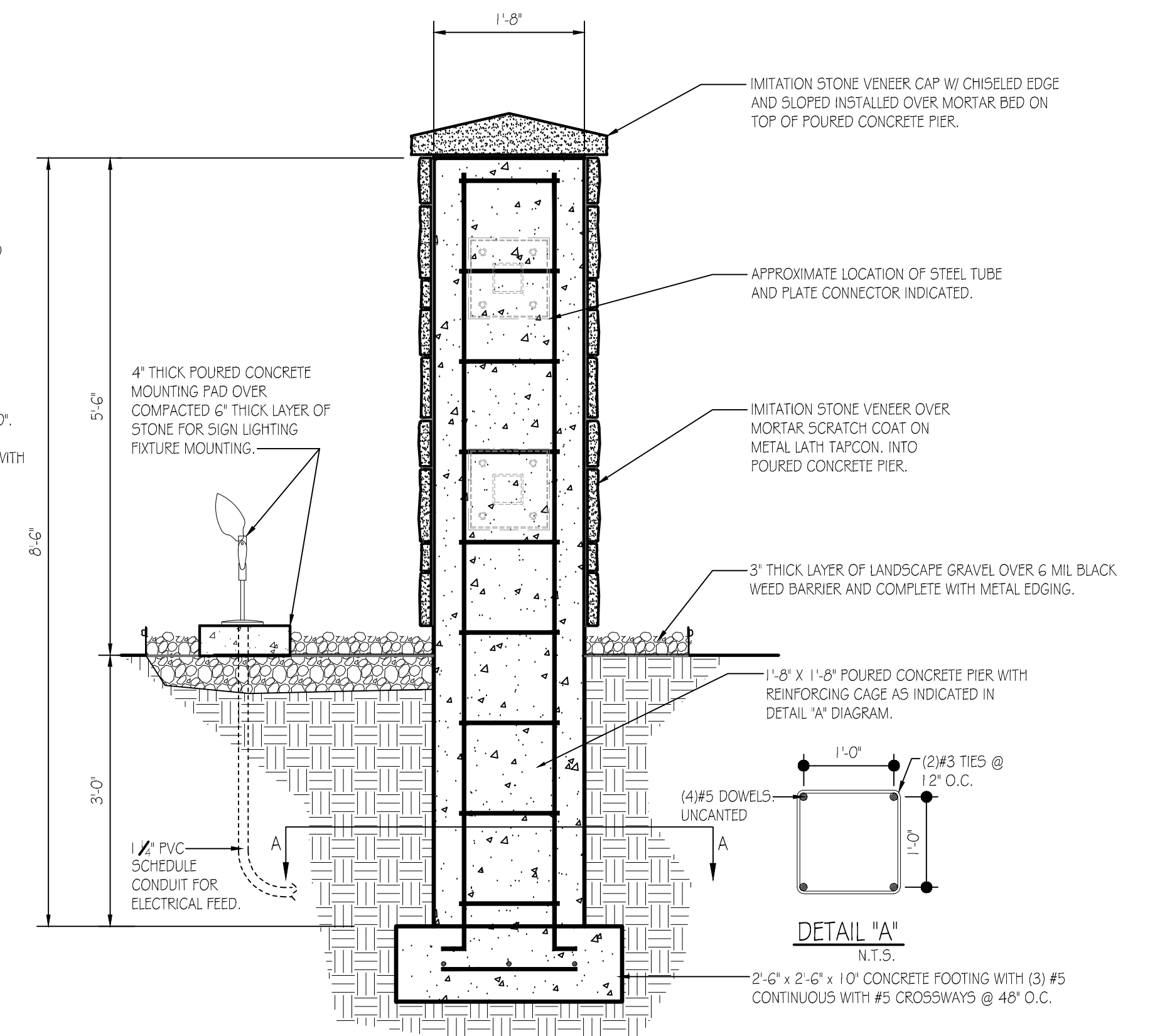
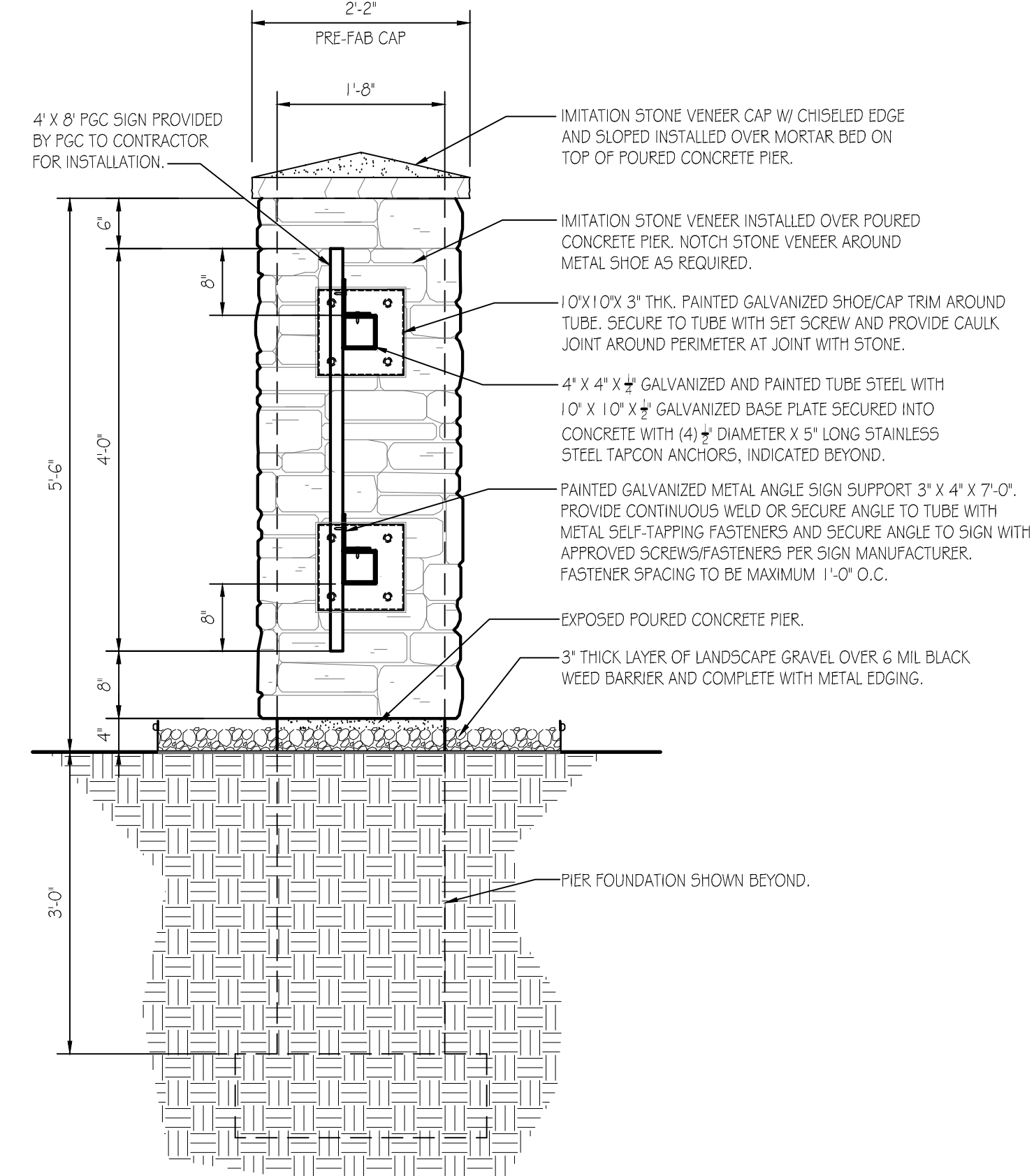
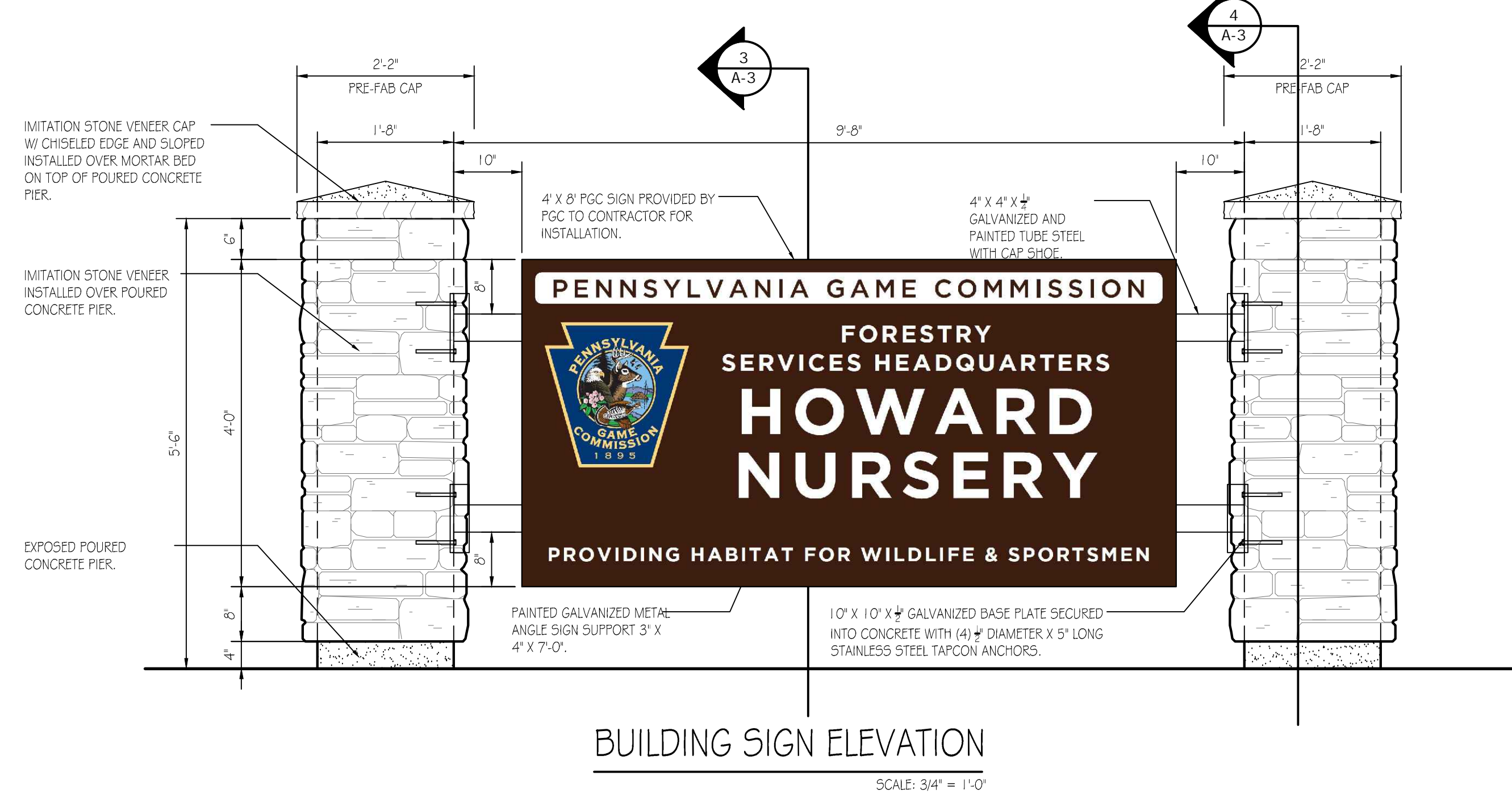
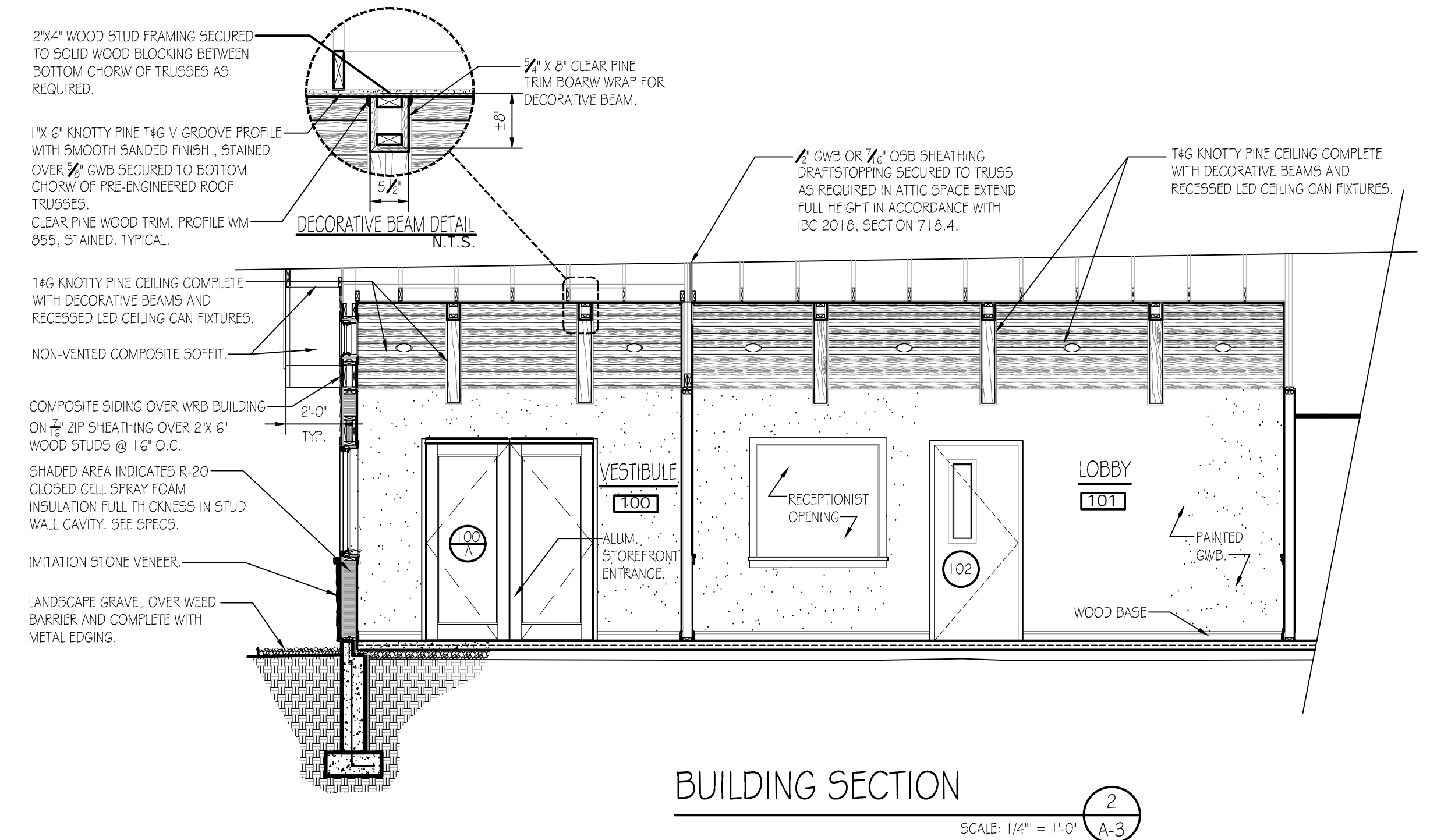
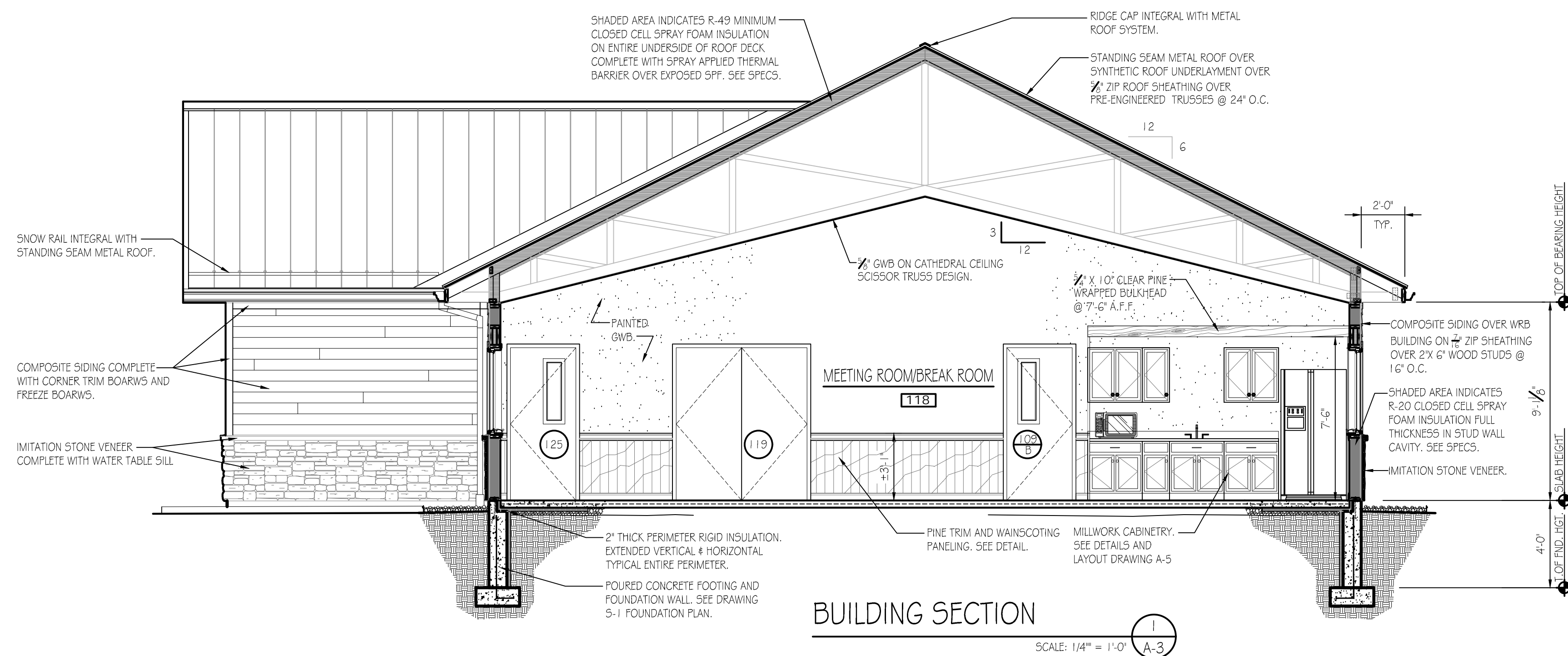


WOOD WAINSCOTING DETAIL

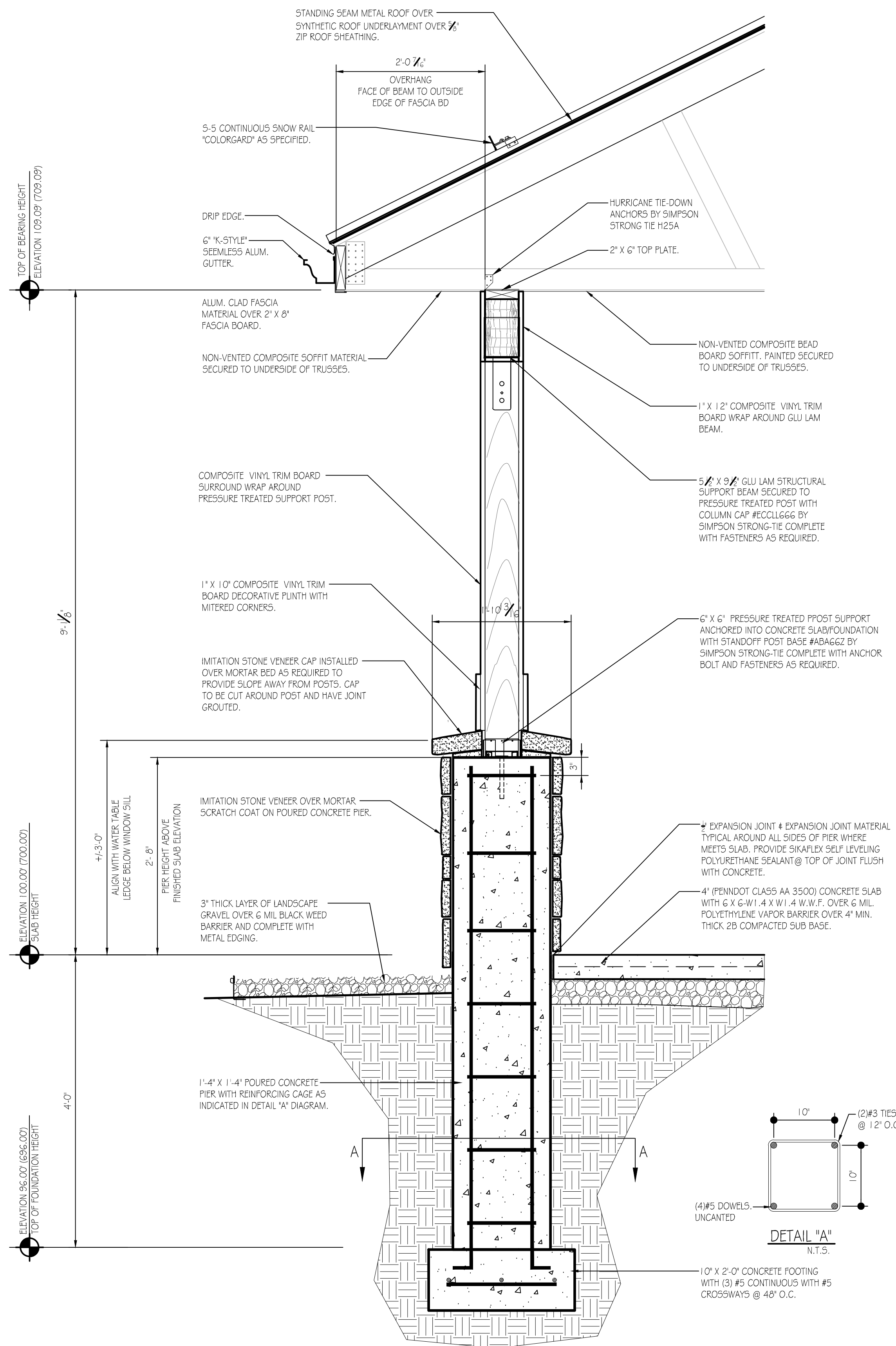
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ELEVATIONS, SECTIONS, DETAILS & WINDOW SCHEDULE		
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	SHEET NO.	A-2



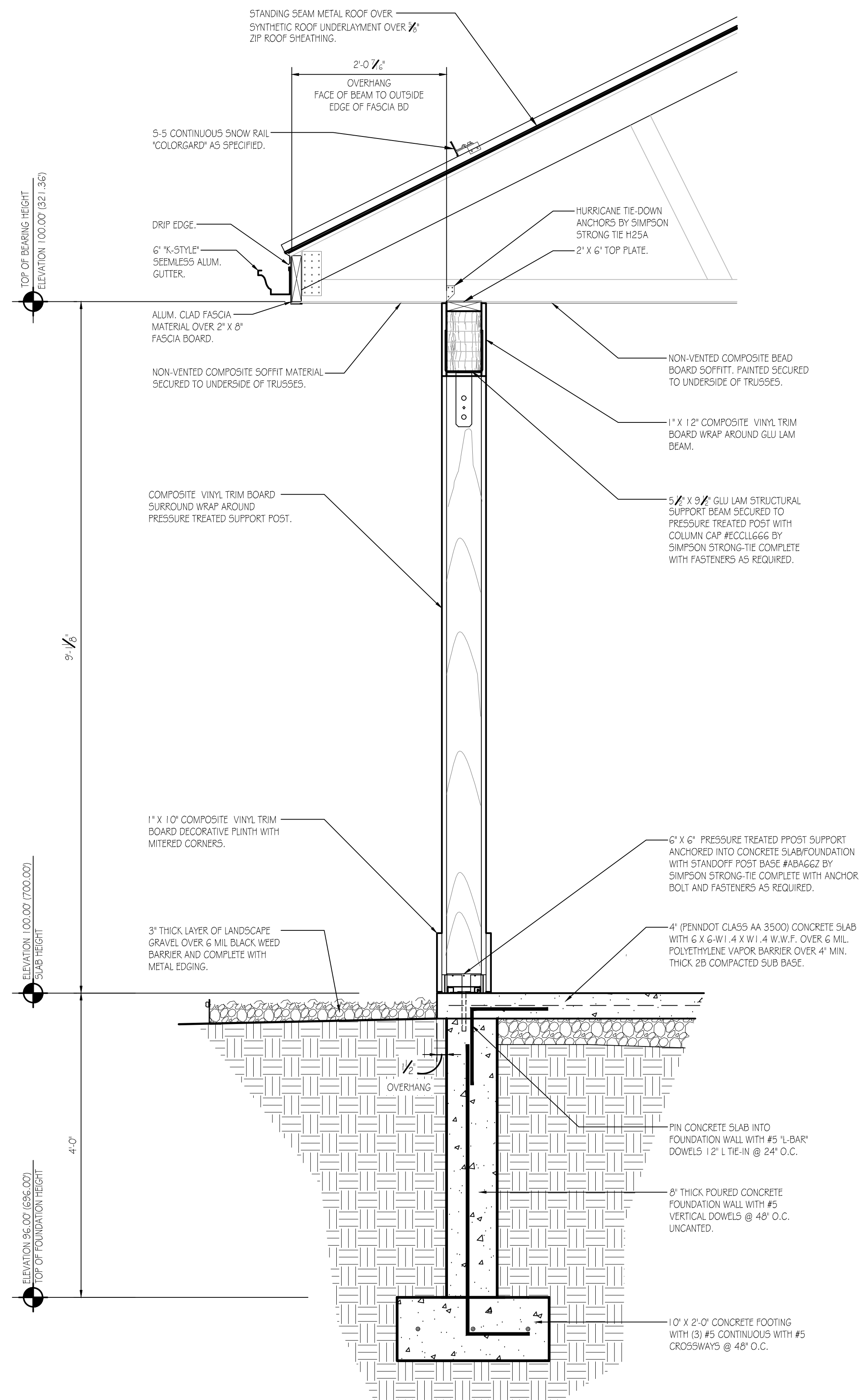
PENNSYLVANIA GAME COMMISSION		
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NEW 40' x 100' FORESTRY HEADQUARTERS BUILDING		
SECTIONS & BUILDING SIGN DETAILS		
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		DATE: 10/24/2025
		SHEET NO. A-3



SECTION @ ENTRY COLUMN

SCALE: 1" = 1'-0"

1
A-5

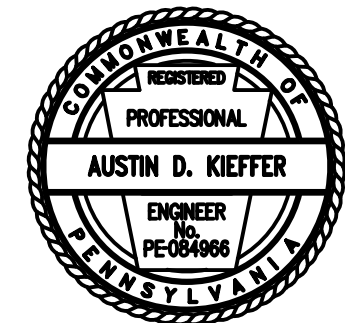


SECTION @ ENTRY COLUMN

SCALE: 1" = 1'-0"

2
A-5

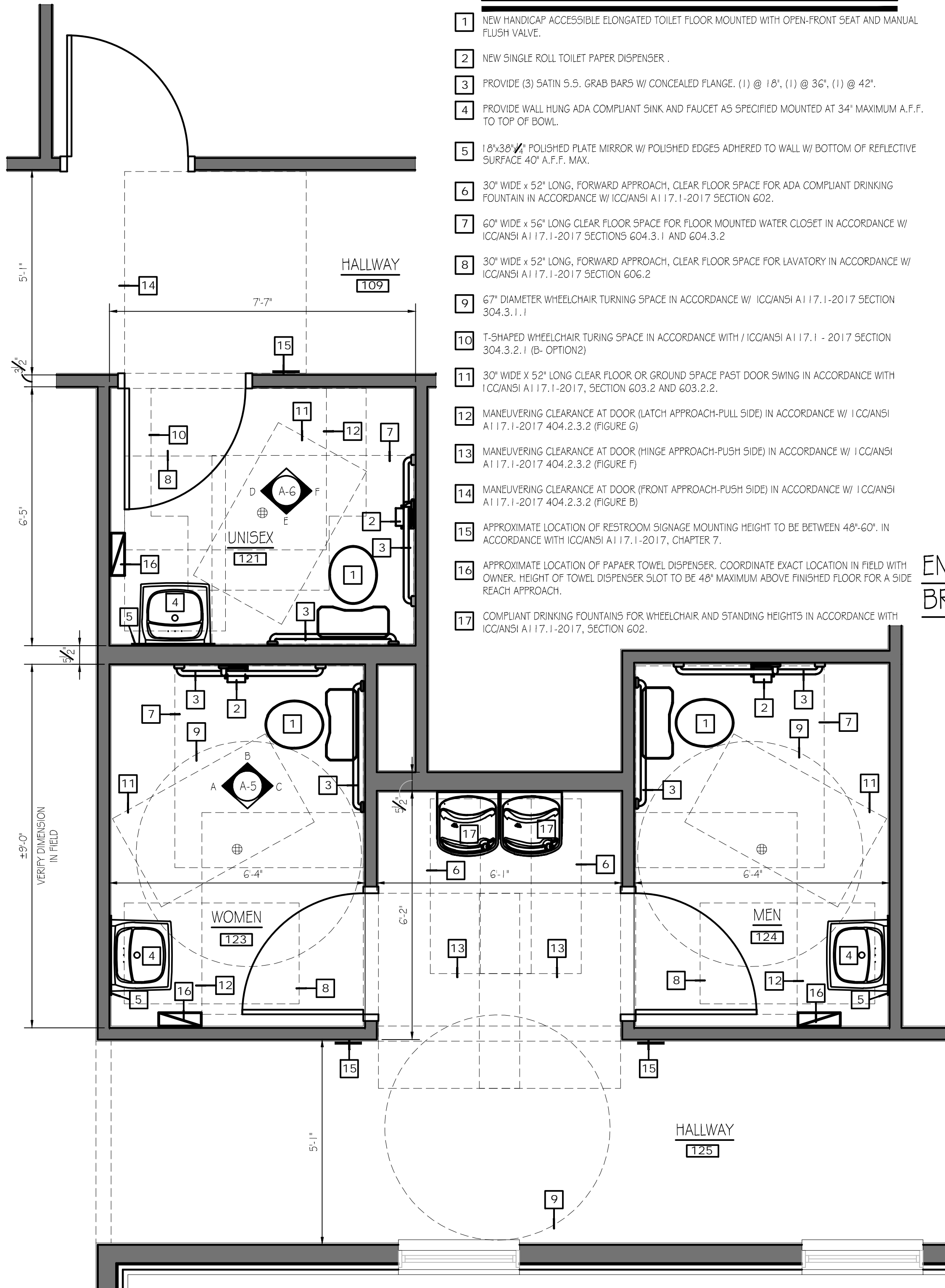
DETAIL TYPICAL FOR BOTH SIDE ENTRY CANOPIES



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WALL SECTION & DETAILS		
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TOILET ROOM FIXTURES,
ACCESSORIES, AND CLEARANCES

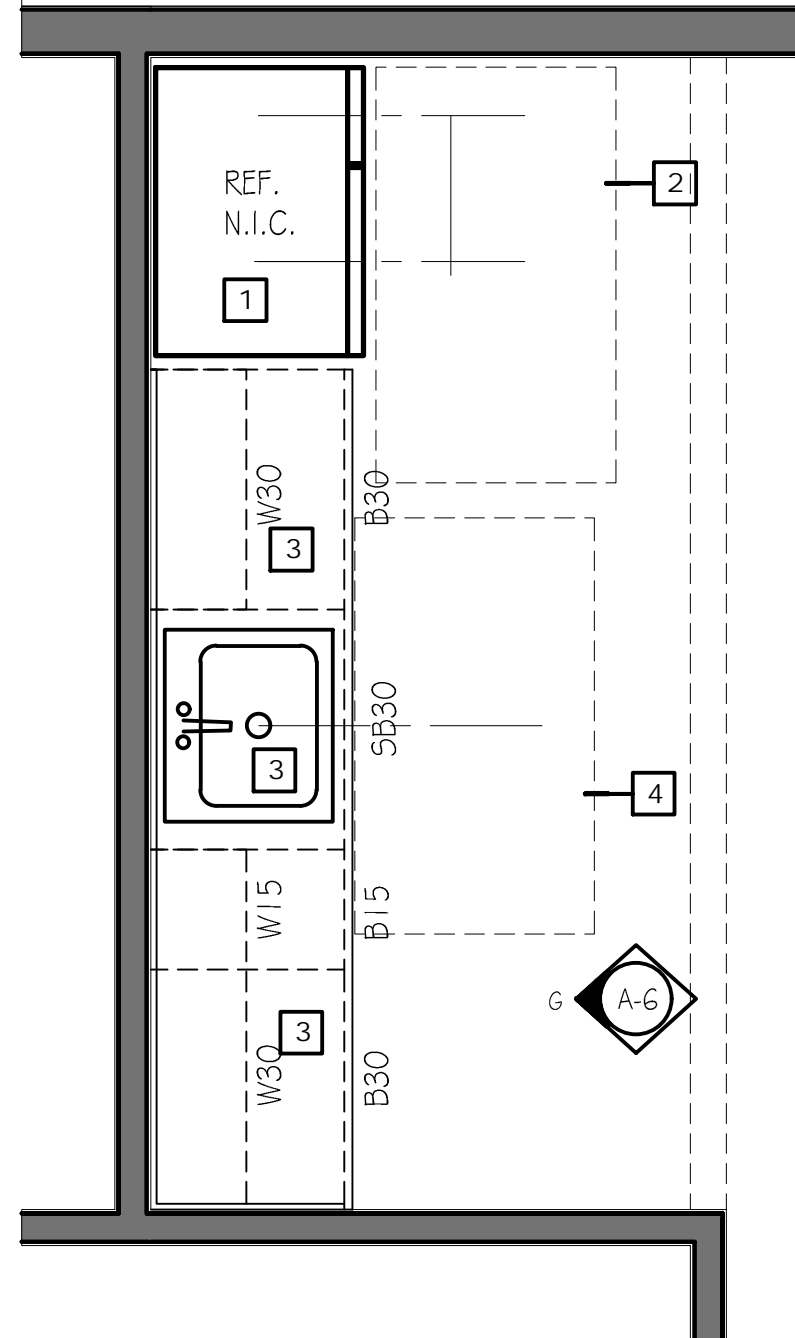
- 1 NEW HANDICAP ACCESSIBLE ELONGATED TOILET FLOOR MOUNTED WITH OPEN-FRONT SEAT AND MANUAL FLUSH VALVE.
- 2 NEW SINGLE ROLL TOILET PAPER DISPENSER.
- 3 PROVIDE (3) SATIN S.S. GRAB BARS W/ CONCEALED FLANGE. (1) @ 18", (1) @ 36", (1) @ 42".
- 4 PROVIDE WALL HUNG ADA COMPLIANT SINK AND FAUCET AS SPECIFIED MOUNTED AT 34" MAXIMUM A.F.F. TO TOP OF BOWL.
- 5 18"x38" POLISHED PLATE MIRROR W/ POLISHED EDGES ADHERED TO WALL W/ BOTTOM OF REFLECTIVE SURFACE 40" A.F.F. MAX.
- 6 30" WIDE x 52" LONG, FORWARD APPROACH, CLEAR FLOOR SPACE FOR ADA COMPLIANT DRINKING FOUNTAIN IN ACCORDANCE W/ ICC/ANSI A117.1-2017 SECTION 602.
- 7 60" WIDE x 56" LONG CLEAR FLOOR SPACE FOR FLOOR MOUNTED WATER CLOSET IN ACCORDANCE W/ ICC/ANSI A117.1-2017 SECTIONS 604.3.1 AND 604.3.2
- 8 30" WIDE x 52" LONG, FORWARD APPROACH, CLEAR FLOOR SPACE FOR LAVATORY IN ACCORDANCE W/ ICC/ANSI A117.1-2017 SECTION 606.2
- 9 67" DIAMETER WHEELCHAIR TURNING SPACE IN ACCORDANCE W/ ICC/ANSI A117.1-2017 SECTION 304.3.1.1
- 10 T-SHAPED WHEELCHAIR TURNING SPACE IN ACCORDANCE WITH ICC/ANSI A117.1-2017 SECTION 304.3.2.1 (B-OPTION2)
- 11 30" WIDE x 52" LONG CLEAR FLOOR OR GROUND SPACE PAST DOOR SWING IN ACCORDANCE WITH ICC/ANSI A117.1-2017, SECTION 603.2 AND 603.2.2.
- 12 MANEUVERING CLEARANCE AT DOOR (LATCH APPROACH-PULL SIDE) IN ACCORDANCE W/ ICC/ANSI A117.1-2017 404.2.3.2 (FIGURE G)
- 13 MANEUVERING CLEARANCE AT DOOR (HINGE APPROACH-PUSH SIDE) IN ACCORDANCE W/ ICC/ANSI A117.1-2017 404.2.3.2 (FIGURE F)
- 14 MANEUVERING CLEARANCE AT DOOR (FRONT APPROACH-PUSH SIDE) IN ACCORDANCE W/ ICC/ANSI A117.1-2017 404.2.3.2 (FIGURE B)
- 15 APPROXIMATE LOCATION OF RESTROOM SIGNAGE, MOUNTING HEIGHT TO BE BETWEEN 48"-60", IN ACCORDANCE WITH ICC/ANSI A117.1-2017, CHAPTER 7.
- 16 APPROXIMATE LOCATION OF PAPER TOWEL DISPENSER, COORDINATE EXACT LOCATION IN FIELD WITH OWNER. HEIGHT OF TOWEL DISPENSER SLOT TO BE 48" MAXIMUM ABOVE FINISHED FLOOR FOR A SIDE REACH APPROACH.
- 17 COMPLIANT DRINKING FOUNTAINS FOR WHEELCHAIR AND STANDING HEIGHTS IN ACCORDANCE WITH ICC/ANSI A117.1-2017, SECTION 602.



ENLARGED BATH PLANS
SCALE: 1/2" = 1'-0"

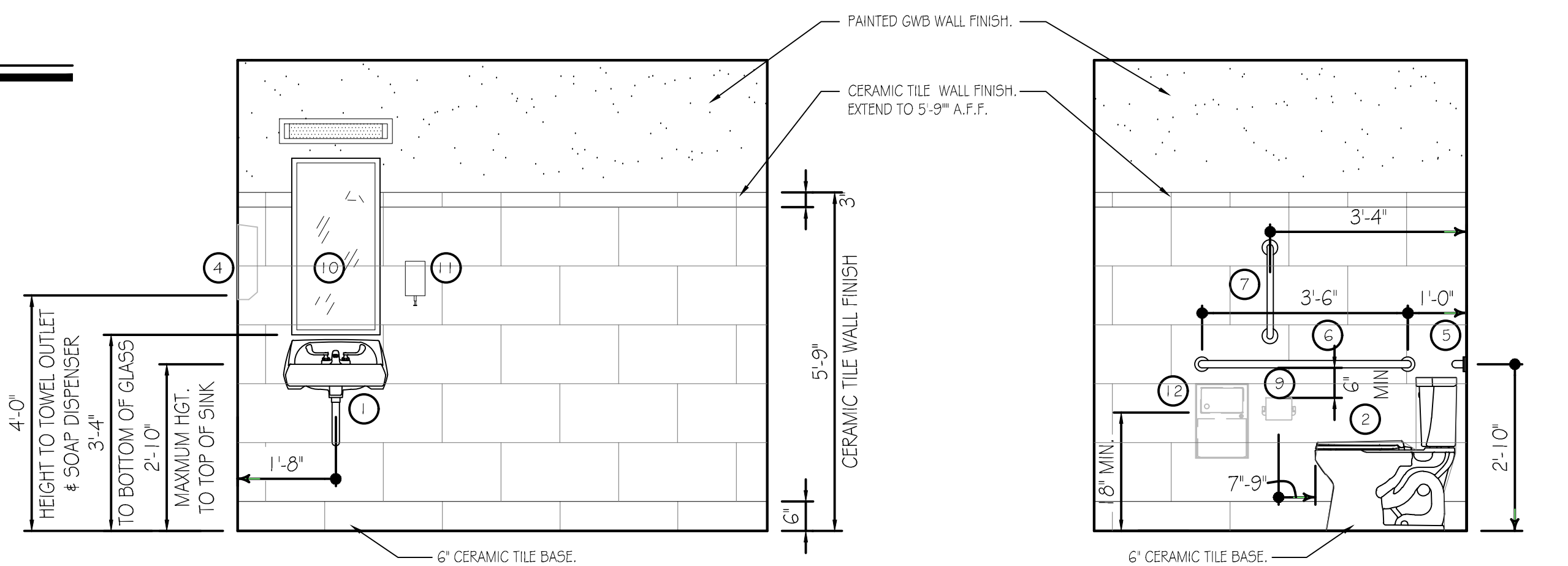
ENLARGED MEETING ROOM/
BREAK ROOM KITCHENETTE PLAN

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



BREAK ROOM CLEARANCES

- 1 REFRIGERATOR/FREEZER BY OWNER IN ACCORDANCE W/ ICC/ANSI A117.1-2017 SECTION 804.5.6.
- 2 30" WIDE x 52" LONG, ACCESS TO SIDE-BY-SIDE REFRIGERATOR/FREEZER IN ACCORDANCE W/ ICC/ANSI A117.1-2017 SECTION 605 AND FIGURE C804.5.6 (c)
- 3 KITCHEN CABINETS AND COUNTERTOP COMPLETE WITH SINK WITH A MAXIMUM HEIGHT ABOVE THE FLOOR OF 34" MEASURED TO THE RIM OF THE SINK OR COUNTERTOP WHICHEVER IS THE HIGHEST IN ACCORDANCE W/ ICC/ANSI A117.1-2017 SECTION 606 AND 606.3.
- 4 30" WIDE x 52" LONG, ACCESS FOR A SIDE APPROACH TO THE SINK, IN ACCORDANCE W/ ICC/ANSI A117.1-2017 SECTION 606.2 EXCEPTION 1 AND FIGURE C604.2.3(b).

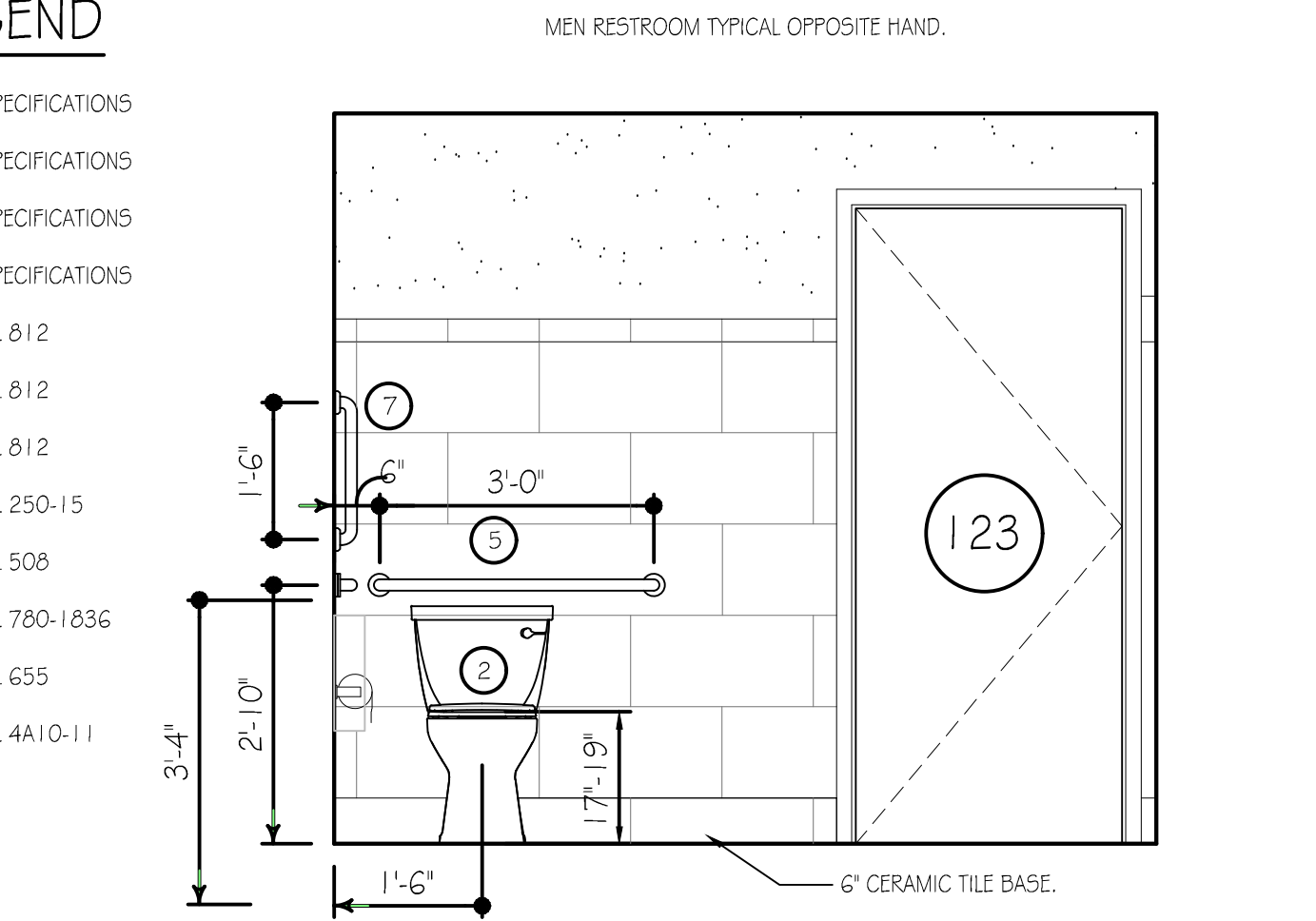


BRADLEY CORP. (FOR REF. ONLY)
FIXTURE/ACCESSORY LEGEND

- | | |
|---------------------------------------|--------------------|
| 1 SINK (W/FAUCET) | SEE SPECIFICATIONS |
| 2 ADA FLOOR MOUNTED WATER CLOSET | SEE SPECIFICATIONS |
| 3 FLOOR MOUNTED STANDARD WATER CLOSET | SEE SPECIFICATIONS |
| 4 ADA WALL MOUNTED URINAL | SEE SPECIFICATIONS |
| 5 GRAB BAR (36" LONG) | MODEL 812 |
| 6 GRAB BAR (42" LONG) | MODEL 812 |
| 7 GRAB BAR (18" LONG) | MODEL 812 |
| 8 TOWEL DISPENSER | MODEL 250-15 |
| 9 TOILET TISSUE HOLDER | MODEL 508 |
| 10 18" x 36" MIRROR | MODEL 780-1836 |
| 11 SOAP DISPENSER | MODEL 655 |
| 12 SANITARY NAPKIN DISPOSAL | MODEL 4A10-11 |

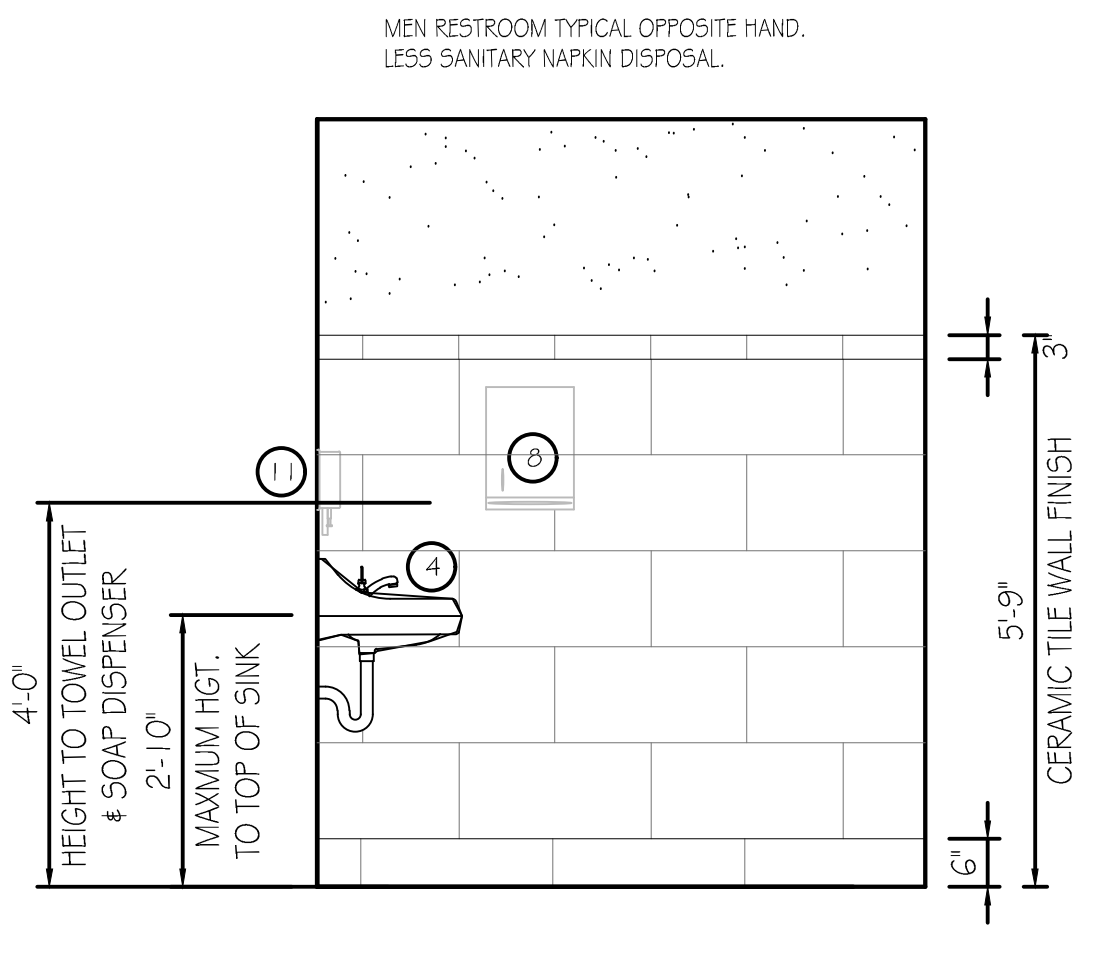
WOMEN RESTROOM -ELEVATION "A"

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



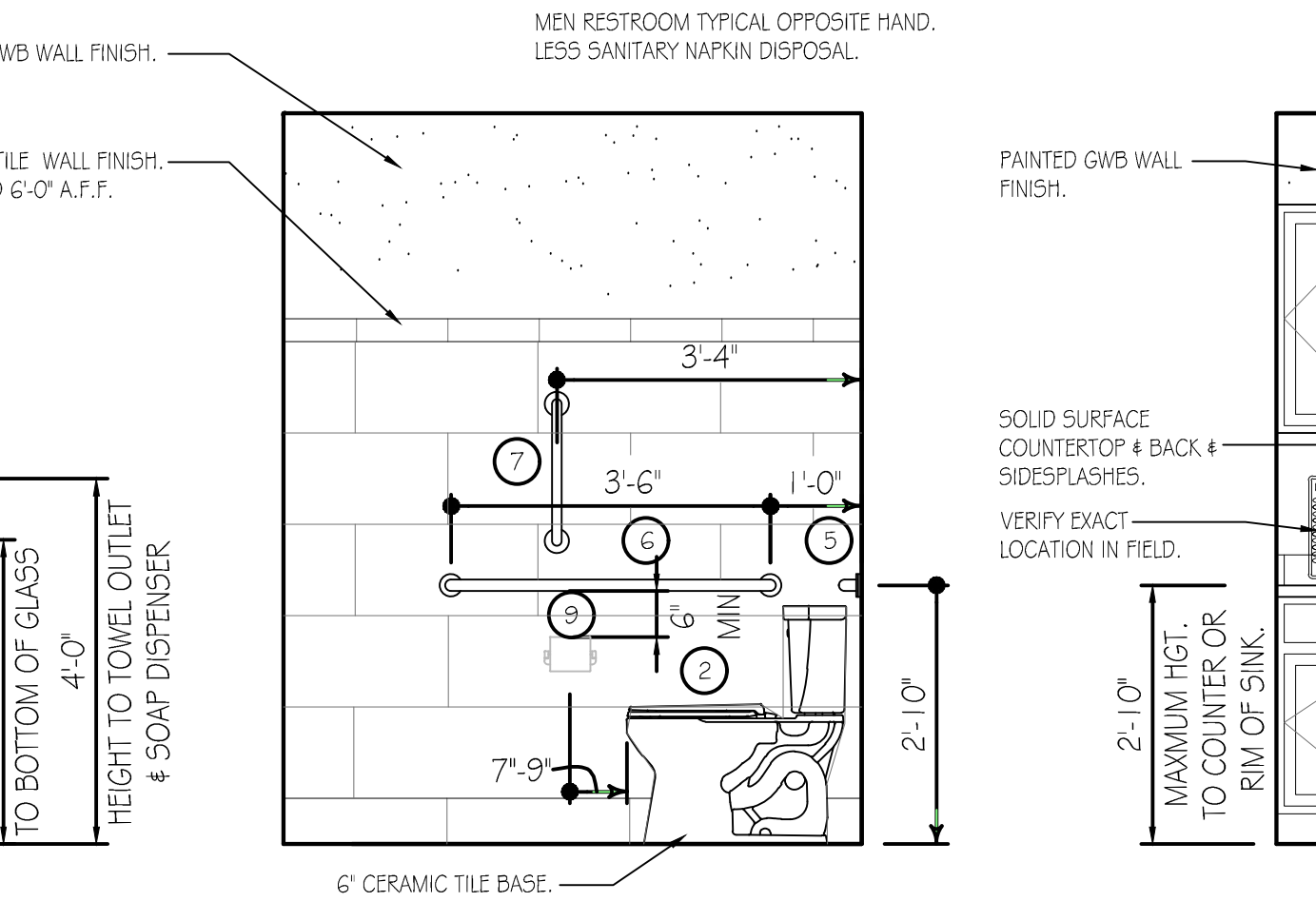
WOMEN RESTROOM -ELEVATION "B"

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



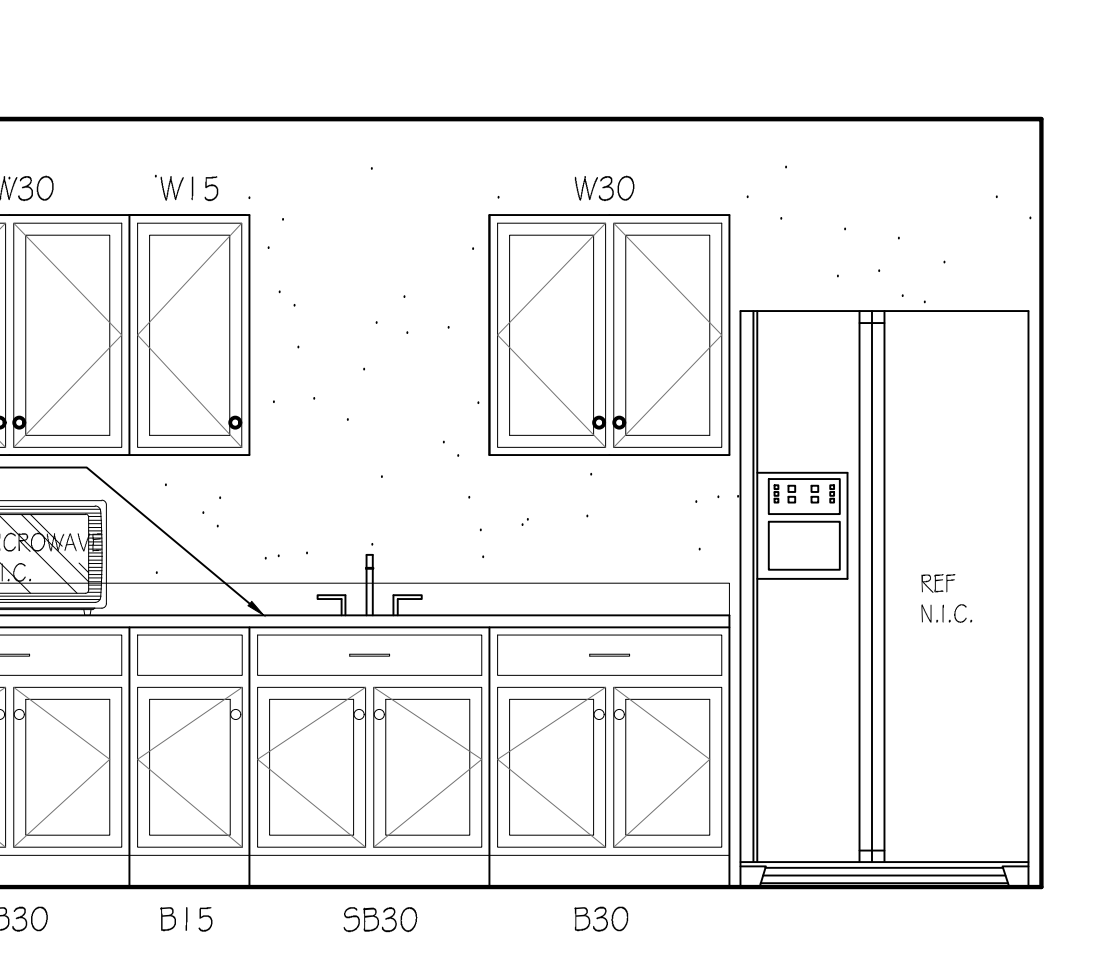
WOMEN RESTROOM -ELEVATION "C"

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



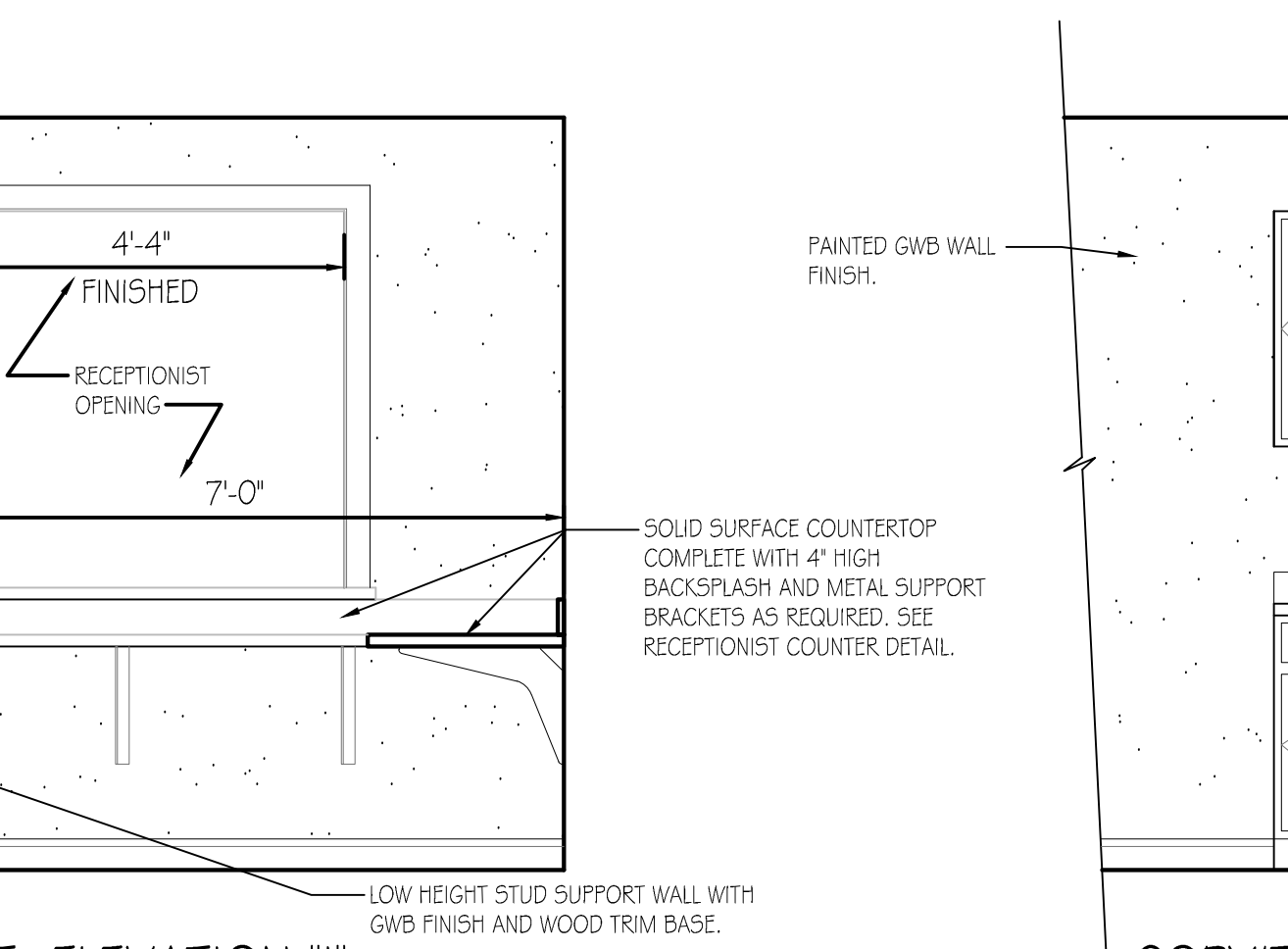
UNISEX RESTROOM -ELEVATION "D"

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



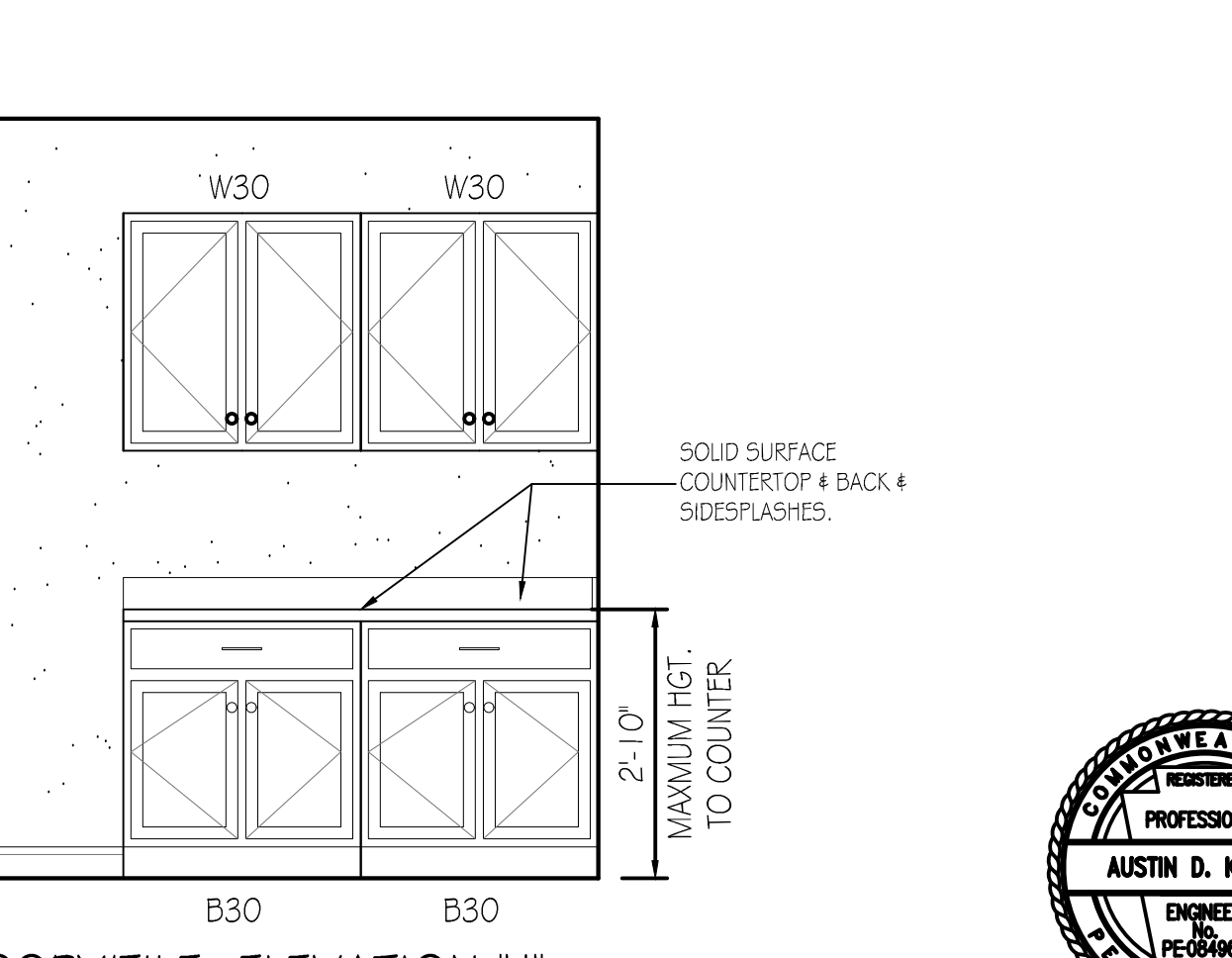
UNISEX RESTROOM -ELEVATION "E"

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



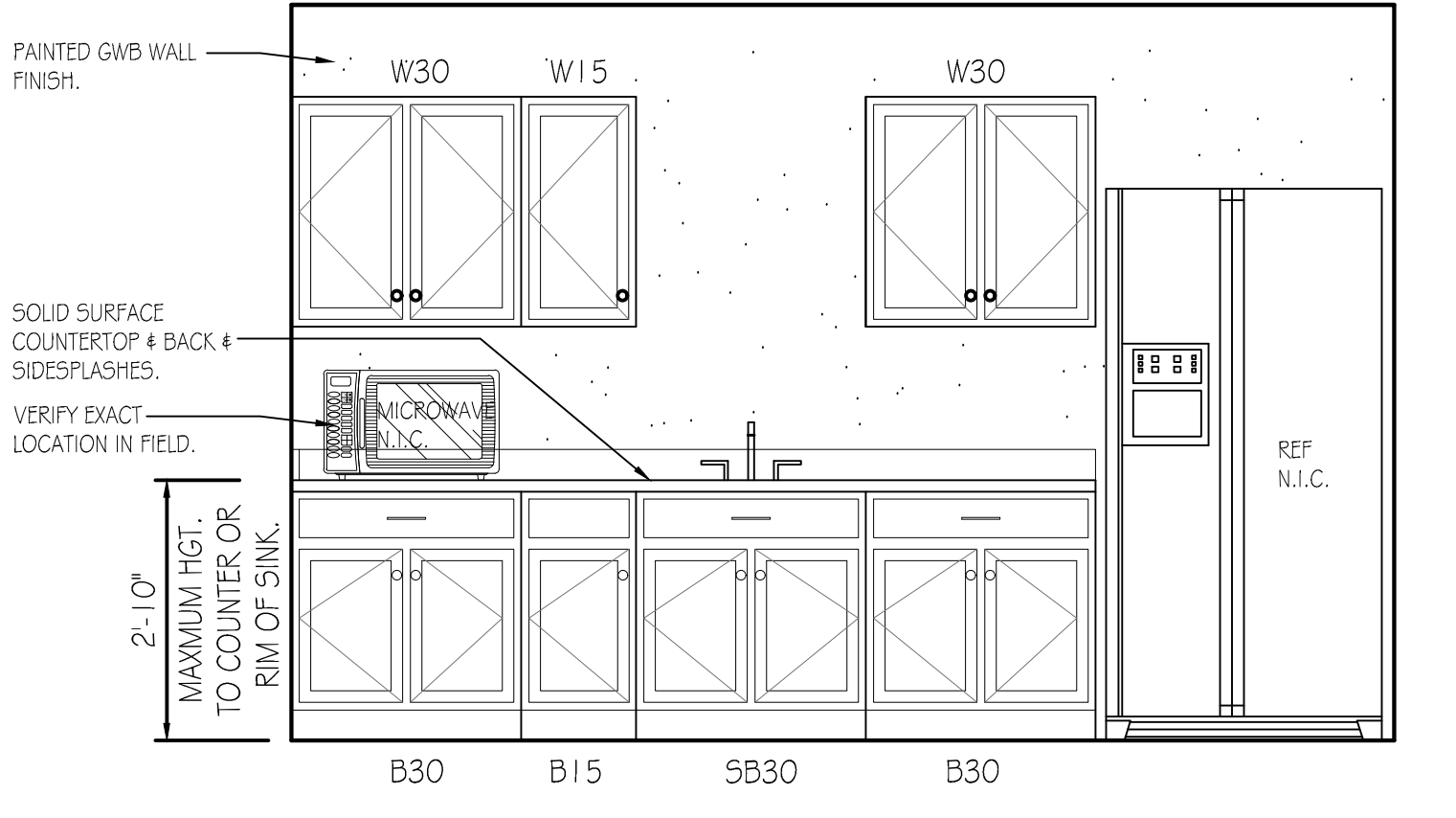
WOMEN RESTROOM -ELEVATION "F"

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



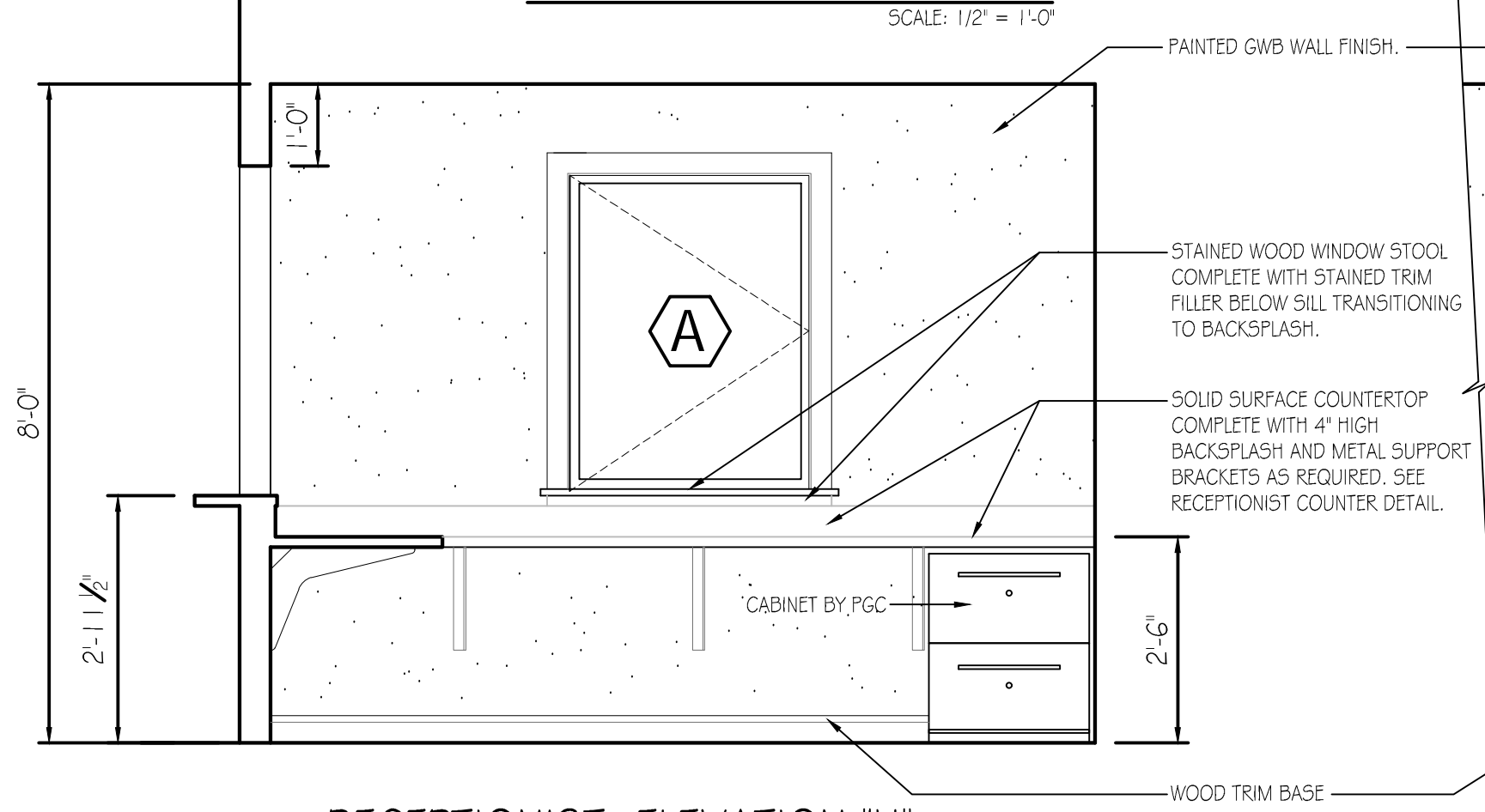
MEETING ROOM/BREAK ROOM
KITCHENETTE PLAN ELEVATION "G"

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



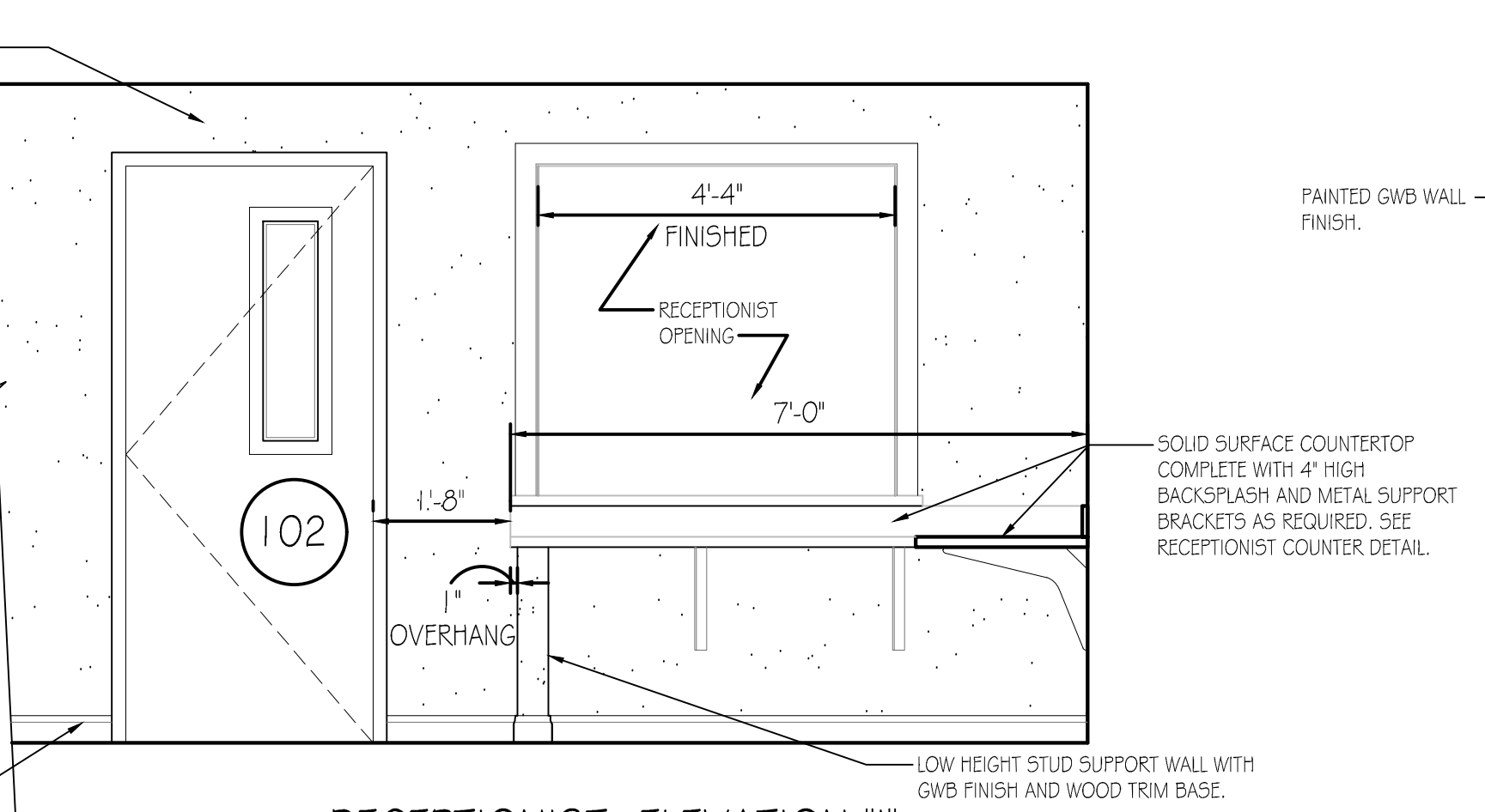
RECEPTIONIST -ELEVATION "H"

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



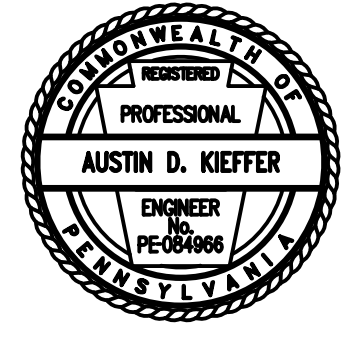
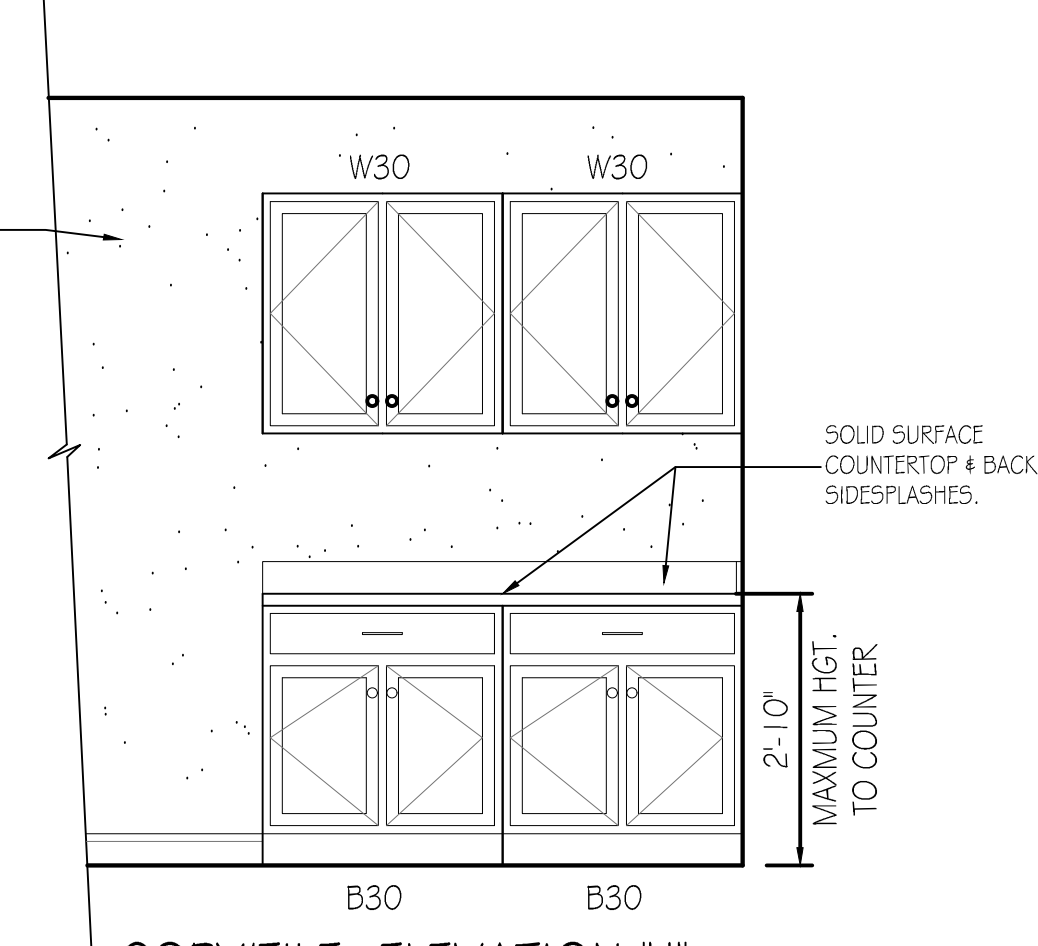
RECEPTIONIST -ELEVATION "I"

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



COPY/FILE -ELEVATION "J"

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



PENNSYLVANIA GAME COMMISSION		
HOWARD NURSERY	HOWARD TOWNSHIP	CENTRE COUNTY
NEW 40' x 100' FORESTRY HEADQUARTERS BUILDING		
ENLARGED PLANS & ELEVATIONS		
REVISIONS	PROJECT NO.	HN-24-01
	DRAWN BY:	M. SPOTTIS
	DATE:	10/24/2025
	SHEET NO.	A-6

ABBREVIATIONS

ALUM	ALUMINUM
HM	HOLLOW METAL
INSUL	INSULATED
SCW	SOLID CORE WOOD

ABBREVIATIONS

W.O.M.	WALK OF MAT
WD	WOOD
LVP	LUXURY VINYL BLANK FLOORING
GWB	GYPNUM WALL BOARD
MR.GWB	MOISTURE RESISTANT GYPNUM WALL BOARD
T&G WD	TONGUE & GROOVE WOOD
F.R.F.	FIBERGLASS REINFORCED PANEL
A.C.T.	ACOUSTICAL CEILING TILE
C.T.	CERAMIC TILE

2) SEE PROJECT SPECIFICATIONS FOR DOOR FRAMES & DOOR
HARDWARE REQUIRED.

MANNINGTON COMMERCIAL, COLLECTION - LIAISON ENTRY RECOARSE II, COLOR #8515 BYWAY BROWN

MANNINGTON COMMERCIAL, MODULAR 24 X 24 -COLLECTION, POETICA, STYLE CAMUS, COLOR -DEBUSSY #42 | 14

DALTILE-SERIES-PORTFOLIO, MATTE FINISH:

- CHOCOLATE-PF08- RECTANGLE 6'X24" - BASE
- CHOCOLATE-PF08- BULLNOSE 3'X12" - TOP ROW WALL
- CHOCOLATE-PF08- RECTANGLE 12'X24" - FLOOR-50% OFFSET STAGGERED PATTERN
- CREAM-PF07-RECTANGULAR 12'X24"-WALL MODULE-HORIZONTAL-50% OFFSET STAGGERED PATTERN

LATICRETE-SPECTRALOCK PRO PREMIUM EPOXY GROUT, $\frac{1}{8}$ " COMMON JOINT WIDTH, COLOR AS SELECTED FROM STANDARD PALETTE

MANNINGTON COMMERCIAL, AMTICO SIGNATURE, 4" X 36", COLOR-AROW7480 SPALTED BEECH, STAGGERED PATTERN

SHERWIN WILLIAMS, BENJAMIN MOORE OR EQUAL. BASIS OF DESIGN IS PREDICATED ON SHERWIN WILLIAMS-PAINT COLORS TO BE SELECTED FROM COMPLETE SET OF COLOR SHIPS TO REPRESENT FULL LINE OF PRODUCT COLORS AND SHEENS AVAILABLE.

WOOD TRIM STAINED WITH WITH PREMIUM OIL WOOD FINISH AND SATIN POLYURETHANE FINISH. MANUFACTURER TO BE MINWAX AND STAIN COLOR TO BE SELECTED FROM STANDARD STAIN COLOR LINE.

SOLID SURFACING MATERIAL THICKNESS TO BE 1/2" MINIMUM OVER APPROVED SUBSTRATE MATERIAL. COLORS, PATTERNS AND FINISHES TO BE SELECTED FROM MANUFACTURERS STANDARD COLOR PALETTE. SOLID SURFACE MANUFACTURER TO BE BY WILSON ART, CORIAN OR LIKE MANUFACTURER.

WOOD TRIM DESIGN, TYPE AND PROFILES TO BE AS FOLLOWS:

- PANELING-3/16" (3.6MM), RUSTIC PINE 2" BEAD BOARD CHANEL PROFILE WAINSCOT PANELING
- CEILING-1X6" KNOTTY PINE, T&G V-GROOVE PROFILE SMOOTH FINISH.
- WINDOW CASING & OPENINGS-WM445, CLEAR PINE
- WOOD BASE -WM163E, CLEAR PINE
- MISCELLANEOUS TRIM -WM885, CLEAR PINE

LEVELOR, CUSTOM ROLLER SHADES, CORDLESS OPERATING LIFT CONTROL, LIGHT FILTERING (LF) WITH MEDIUM FABRIC-WRAPPED CASED VALANCE, INSIDE WINDOW FRAME MOUNT. COLOR OF SHADE TO BE SELECTED FROM STANDARD COLOR LINE SAMPLES.



PENNSYLVANIA GAME COMMISSION		
HOWARD NURSERY	HOWARD TOWNSHIP	CENTRE COUNTY
NEW 40' x 100' FORESTRY HEADQUARTERS BUILDING		
DOOR & ROOM FINISH SCHEDULES		
REVISIONS	PROJECT NO.	HN-24-01
	DRAWN BY:	M. SPOTTS
	DATE:	10/24/2025
	SHEET NO.	A-B

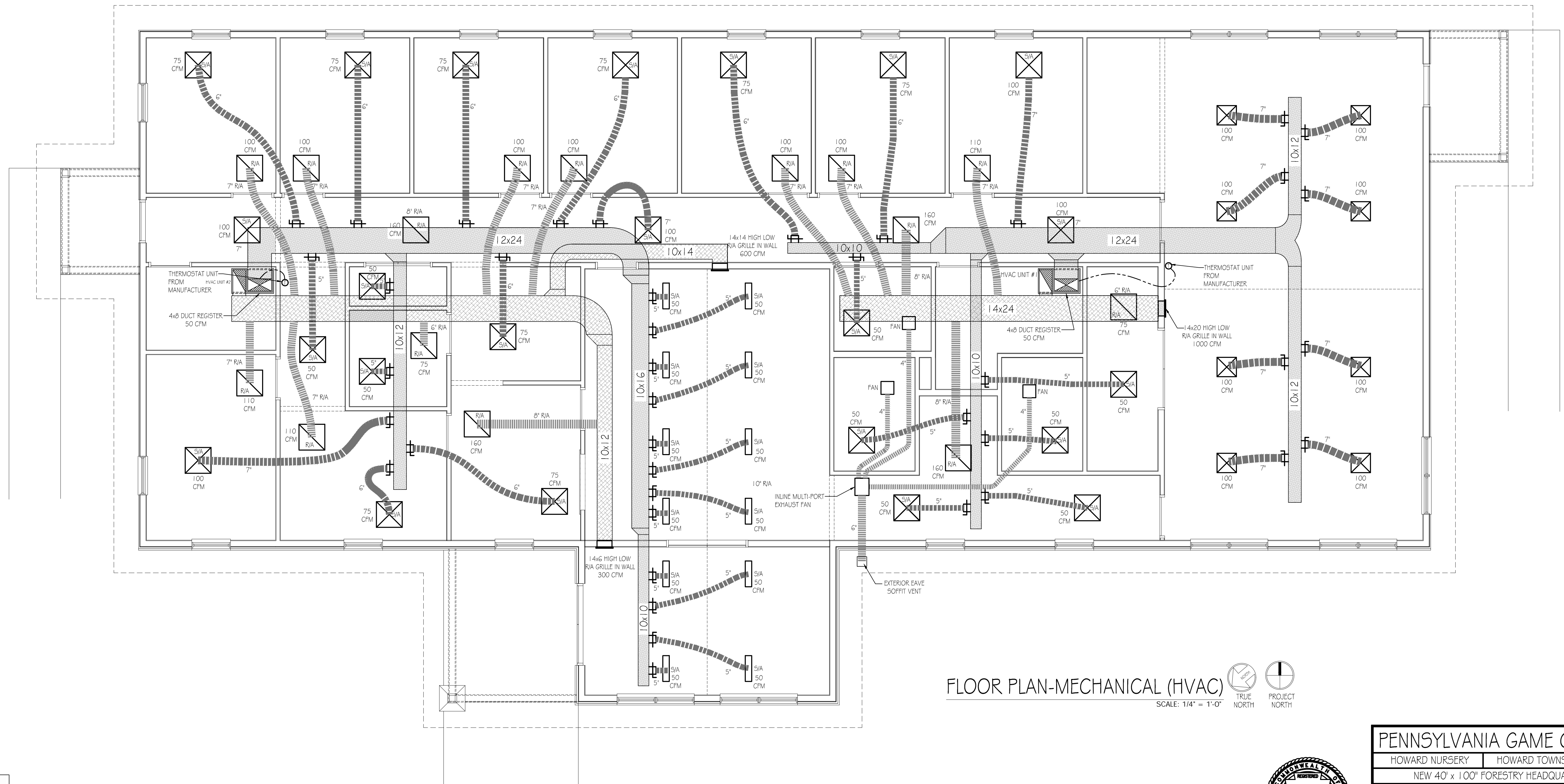
1. DETERMINE ROOM-BY-ROOM AND AIR-FLOWS USING ACCA MANUAL J CALCULATION PROCEDURES. (OR SUBSTANTIALLY EQUIVALENT)
2. SIZE DUCT SYSTEM ACCORDING TO ACCA MANUAL D CALCULATION PROCEDURES. (OR SUBSTANTIALLY EQUIVALENT)
3. SIZE HVAC EQUIPMENT TO SENSIBLE LOAD USING ACCA MANUAL S CALCULATION PROCEDURES (OR SUBSTANTIALLY EQUIVALENT).
4. INSTALL EQUIPMENT & DUCTS ACCORDING TO DESIGN SPECIFICATIONS USING INSTALLATION PROCEDURES FROM SMACNA / MANUFACTURERS' SPECS.
5. INSTALL SO STATIC AIR PRESSURE DROP ACROSS THE AIR HANDLER IS WITHIN MANUFACTURER AND DESIGN SPECIFICATIONS.
6. PROVIDE BALANCED AIR FLOWS BETWEEN SUPPLY AND RETURN SYSTEMS TO MAINTAIN NEUTRAL PRESSURE.
7. EQUIPMENT AND ASSOCIATED ITEMS MUST BE APPROVED BY PGC HARRISBURG ENGINEERING DIVISION BEFORE START OF INSTALLATION.

- ▶ 5 inch Touch Screen 854 x 480 Pixels
- ▶ Supports 2 Transformer Systems (RIRC and RH)
- ▶ CIPW Required for Installation
- ▶ 7 Relay Terminals: G, Y, V, W, W2, W3, W4, W5, W6
- ▶ 1 Data Terminal: receives fault messages from Bosch Water Source Heat Pumps
- ▶ Wi-Fi 802.11 b/g/n @ 2.4GHz
- ▶ 5 Year Limited Warranty

Booth Connected Control
BCC100 Thermostat

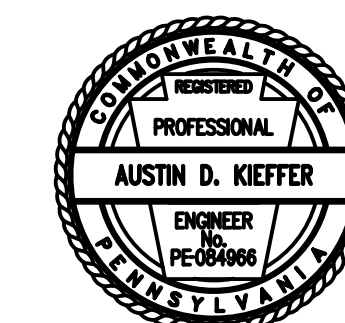
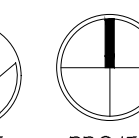
Wall Plate, Screws, Screws & Wall Anchors, Jumper Cable 8-733-941, 90-1

OCCUPANCY CLASSIFICATION	OCCUPANCY DENSITY/SQUARE FOOT	CFM/PERSON	EXHAUST AIRFLOW RATE
BUSINESS-OFFICE	1825 SQ. FT./10 PERSONS	5 CFM/10 PERSONS=50 CFM	-
BUSINESS-CONFERENCE ROOM	975 SQ. FT./20 PERSON	5 CFM/20 PERSONS=100 CFM	-
BUSINESS-VESTIBULE	215 SQ. FT./2 PERSON	10 CFM/2 PERSONS=20 CFM	-
BUSINESS-LOBBY	400 SQ. FT./4 PERSONS	10 CFM/4 PERSONS=40 CFM	-
BUSINESS-RESTROOM	150 SQ. FT./3 PERSONS	50 CFM/3 PERSONS=150 CFM	110 CFM EXHAUST FAN
BUSINESS-STORAGE	155 SQ. FT./1 PERSONS	5 CFM/1 PERSON=5 CFM	-



FLOOR PLAN-MECHANICAL (HVAC)

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



PENNSYLVANIA GAME COMMISSION

HOWARD NURSERY	HOWARD TOWNSHIP	CENTRE COUNTY
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HOWARD TOWNSHIP	HOWARD TOWNSHIP	CENTRE COUNTY
NEW 40' x 100" FORESTRY HEADQUARTERS BUILDING		

MECHANICAL FLOOR PLAN & DETAILS

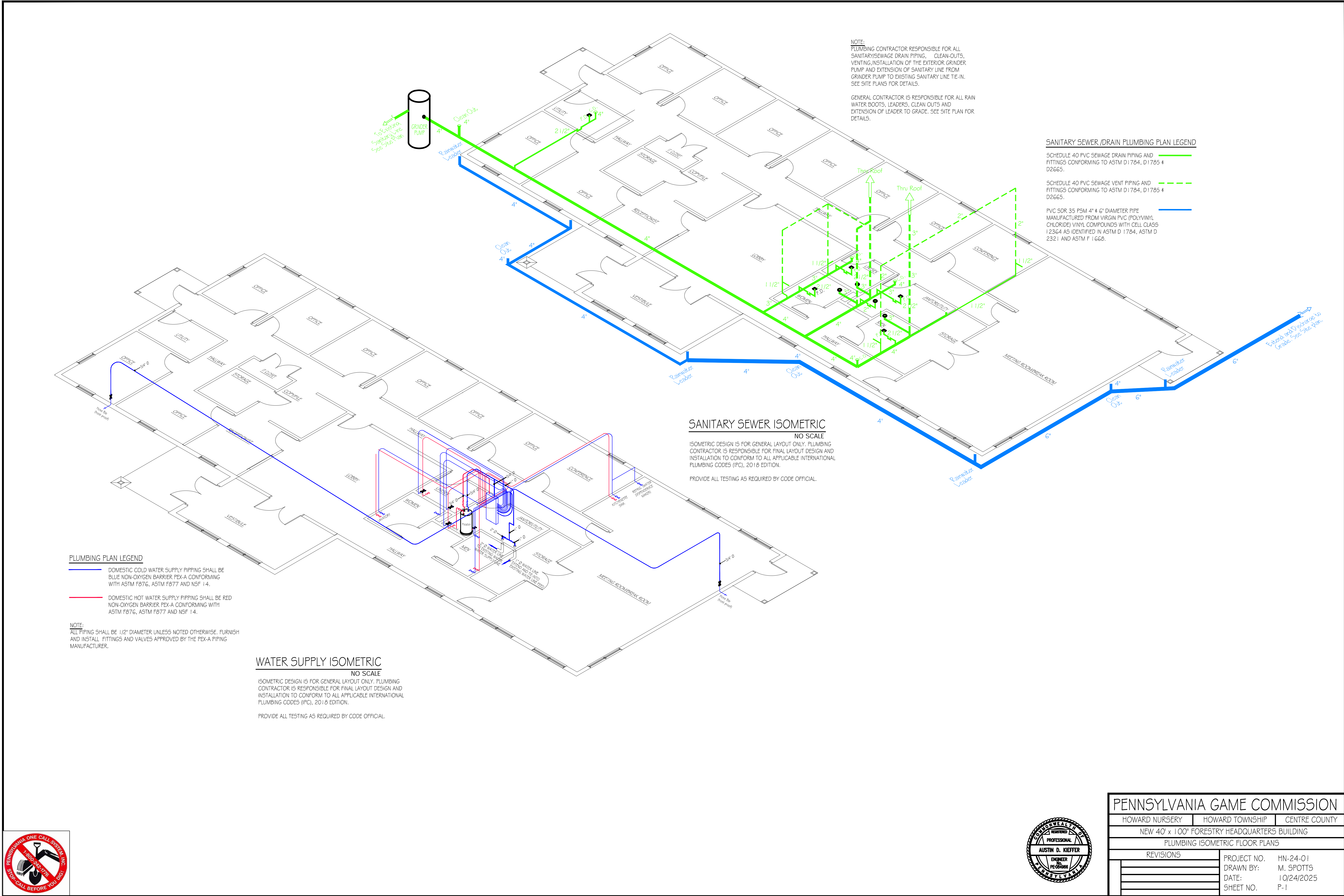
REVISIONS	PROJECT NO. HN 31 01
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PROJECT NO.	HN-24-01
DRAWN BY:	M. SPOTTS

	DRAWN BY:	M: 310113
	DATE:	10/24/2025

	DATE: 10/27/2025
	SHEET NO. M-1

		2000-2001	2001-2002
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NOTE:
PLUMBING CONTRACTOR RESPONSIBLE FOR ALL
SANITARY/SEWAGE DRAIN PIPING, CLEAN-OUTS,
VENTING, INSTALLATION OF THE EXTERIOR GRINDER
PUMP AND EXTENSION OF SANITARY LINE FROM
GRINDER PUMP TO EXISTING SANITARY LINE TIE-IN.
SEE SITE PLANS FOR DETAILS.

GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL RAIN
WATER BOOTS, LEADERS, CLEAN OUTS AND
EXTENSION OF LEADER TO GRADE. SEE SITE PLAN FOR
DETAILS.

SANITARY SEWER/DRAIN PLUMBING PLAN LEGEND

- SCHEDULE 40 PVC SEWAGE DRAIN PIPING AND
FITTINGS CONFORMING TO ASTM D1784, D1785 &
D2665.
- SCHEDULE 40 PVC SEWAGE VENT PIPING AND
FITTINGS CONFORMING TO ASTM D1784, D1785 &
D2665.
- PVC SDR 35 PSM 4" & 6" DIAMETER PIPE
MANUFACTURED FROM VIRGIN PVC (POLYVINYL
CHLORIDE) VINYL COMPOUNDS WITH CELL CLASS
12364 AS IDENTIFIED IN ASTM D 1784, ASTM D
2321 AND ASTM F 1668.

SANITARY SEWER ISOMETRIC

NO SCALE
ISOMETRIC DESIGN IS FOR GENERAL LAYOUT ONLY. PLUMBING
CONTRACTOR IS RESPONSIBLE FOR FINAL LAYOUT DESIGN AND
INSTALLATION TO CONFORM TO ALL APPLICABLE INTERNATIONAL
PLUMBING CODES (IPC), 2018 EDITION.
PROVIDE ALL TESTING AS REQUIRED BY CODE OFFICIAL.

PLUMBING PLAN LEGEND

- DOMESTIC COLD WATER SUPPLY PIPING SHALL BE
BLUE NON-OXYGEN BARRIER PEX-A CONFORMING
WITH ASTM F876, ASTM F877 AND NSF I-4.
- DOMESTIC HOT WATER SUPPLY PIPING SHALL BE RED
NON-OXYGEN BARRIER PEX-A CONFORMING WITH
ASTM F876, ASTM F877 AND NSF I-4.

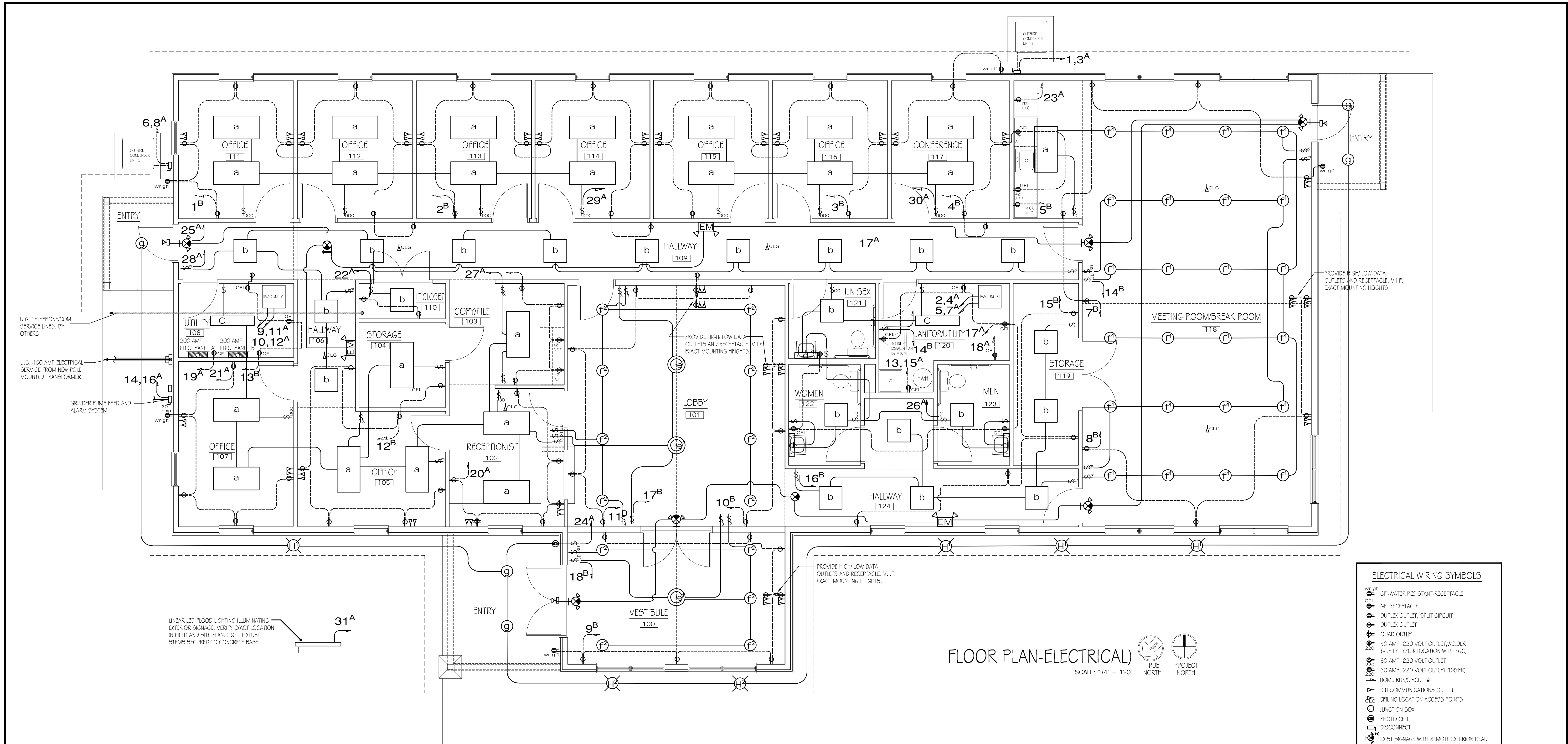
NOTE:
ALL PIPING SHALL BE 1/2" DIAMETER UNLESS NOTED OTHERWISE. FURNISH
AND INSTALL FITTINGS AND VALVES APPROVED BY THE PEX-A PIPING
MANUFACTURER.

WATER SUPPLY ISOMETRIC

NO SCALE
ISOMETRIC DESIGN IS FOR GENERAL LAYOUT ONLY. PLUMBING
CONTRACTOR IS RESPONSIBLE FOR FINAL LAYOUT DESIGN AND
INSTALLATION TO CONFORM TO ALL APPLICABLE INTERNATIONAL
PLUMBING CODES (IPC), 2018 EDITION.
PROVIDE ALL TESTING AS REQUIRED BY CODE OFFICIAL.

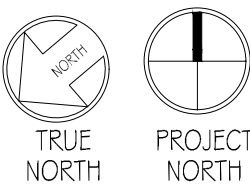


PENNSYLVANIA GAME COMMISSION		
HOWARD NURSERY	HOWARD TOWNSHIP	CENTRE COUNTY
NEW 40' x 100' FORESTRY HEADQUARTERS BUILDING		
PLUMBING ISOMETRIC FLOOR PLANS		
REVISIONS	PROJECT NO.	HN-24-01
	DRAWN BY:	M. SPOTTIS
	DATE:	10/24/2025
	SHEET NO.	P-1



FLOOR PLAN-ELECTRICAL

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



ELECTRICAL WIRING SYMBOLS	
	GFI-WATER RESISTANT-RECEPTACLE
	GFI RECEPTACLE
	DUPLEX OUTLET, SPUT CIRCUIT
	DUPLEX OUTLET
	QUAD OUTLET
	50 AMP, 220 VOLT OUTLET, WELDER (VERIFY TYPE & LOCATION WITH PGC)
	30 AMP, 220 VOLT OUTLET
	30 AMP, 220 VOLT OUTLET (DRYER)
	HOME RUN CIRCUIT #
	TELECOMMUNICATIONS OUTLET
	CEILING LOCATION ACCESS POINTS
	JUNCTION BOX
	PHOTO CELL DISCONNECT
	EXIST SIGNAGE WITH REMOTE EXTERIOR HEAD
	DIRECTIONAL EXIST SIGNAGE
	EMERGENCY LIGHT W/BATTERY BACKUP
	SWITCH
	SWITCH, TIMER
	SWITCH, 3 WAY
	SWITCH, 4 WAY
	SWITCH, OCCUPANCY SENSOR
	SWITCH, DIMMER

RECEPTACLE & SWITCH MOUNTING HEIGHTS	
ALL RECEPTACLES AND DATA (UNLESS NOTED)	18"
ALL SWITCHES	48"

LIGHTING FIXTURE SCHEDULE		
MARK	QTY	FIXTURE TYPE
a	23	2' X 4' LED LAY-IN PANEL
b	21	2' X 4' LED LAY-IN PANEL
c	2	2' X 4' LED Surface Mounted
d	3	2' INTEGRATED LED WALL MOUNT VANITY LIGHT (27 WATT)
E ¹	1	30" DIAMETER LED PENDANT FIXTURE
E ²	2	36" DIAMETER LED PENDANT FIXTURE
F ¹	24	6" ROUND RECESSED LED DOWNLIGHT
F ²	13	6" ROUND RECESSED LED DOWNLIGHT
G	5	6" ROUND RECESSED LED DOWNLIGHT
H ¹	4	4" ROUND RECESSED LED DOWNLIGHT
H ²	2	6" ROUND RECESSED LED DOWNLIGHT
I	1	LINEAR ASYMMETRIC DISTRIBUTED BRONZE SPOT LIGHT WITH LED SOURCE WITH INTEGRAL DRIVER, 12" STEM WITH KNUCKLE

MODEL		
LITHONIA 51AKPACK 2X4 ALO3 40K CP2		
LITHONIA 51AKPACK 2X4 ALO3 40K CP4		
LITHONIA 58L4LP840		
LITHONIA FMVCS15 24IN MVOLT 30K35K40K 90CRI 8M MG		
CAMMAN-MORGAN P5305-30 40K CLV MV WM PSP		
CAMMAN-MORGAN P5305-36 40K CLV MV WM PSP		
GOTHAM EVOG 40/15 WR MWD L55 MVOLT E21 5CA6 15D		
GOTHAM EVOG 40/15 BR MWD L55 MVOLT E21 5CA6 25D		
GOTHAM EVOG 40/15 AR MWD L55 MVOLT E21		
GOTHAM EVOG 40/15 AR MD L55 MVOLT E21		
GOTHAM EVOG 40/15 AR MD L55 MVOLT E21 5CA6 25D		
AMETRIX A04-S1-A-4000-LED-40K-120-B-AK12		

SYMBOL SCHEDULE - EMERGENCY LIGHTING	
SYMBOL	DESCRIPTION
	NEW LED EXIT SIGN COMBO UNIT w/ BATTERY BACK UP AND REMOTE EXTERIOR HEAD, LITHONIA MODEL No. ECRLEDHO M6 w/ ELALED WF M12 OR APPROVED EQUAL
	NEW LED DOUBLE FACED EXIT SIGN WITH DIRECTIONAL CHEVRONS AND NI-MH BATTERY BACKUP, LITHONIA MODEL No. EXRG EL M6 OR APPROVED EQUAL
	NEW BATTERY BACK UP EMERGENCY LIGHT PACK, LITHONIA MODEL No. EU2C OR APPROVED EQUAL

GENERAL ELECTRICAL NOTES:

- FURNISH AND INSTALL SOLID COPPER CONDUCTORS AS SPECIFIED; NO ALUMINUM AND NO STRANDED. MC CABLE IS APPROVED FOR ALL HOME RUN CIRCUITS IF NEATLY INSTALLED.
- ALL CONDUCTORS FOR 120V CIRCUITS OVER 100' IN LENGTH SHALL BE MINIMUM #10AWG. ALL CONDUCTORS FOR 120V CIRCUITS OVER 150' IN LENGTH SHALL BE MINIMUM #8AWG. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF FINAL CIRCUIT LENGTHS AND CORRESPONDING WIRE SIZE TO ENSURE VOLTAGE DROP IS MAINTAINED WITHIN NEC LIMITS.
- ALL WORK SHALL BE PERFORMED AS REQUIRED BY APPLICABLE SECTION OF THE NATIONAL ELECTRICAL CODE (NEC), LATEST EDITION, AND ALL GOVERNING UCC BUILDING CODES AND REGULATIONS.
- PROVIDE GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS. ELECTRICAL COMPONENTS, DEVICES AND ACCESSORIES SHALL BE LISTED AND LABELED AS DEFINED IN NFPA 70 AND COMPLY WITH UL 467 FOR GROUNDING AND BONDING MATERIALS AND EQUIPMENT. INSTALL INSULATED EQUIPMENT GROUNDING CONDUCTORS ALL FEEDERS AND BRACH CIRCUITS, LIGHTING CIRCUITS, RECEPTACLE CIRCUITS SINGLE PHASE MOTOR AND APPLIANCE BRANCH CIRCUITS, ARMORED AND METAL-CLAD CABLE RUNS AND AS REQUIRED BY NFPA 70.
- PROVIDE ALL HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS, INCLUDING STEEL SLOTTED SUPPORT SYSTEMS, CONDUIT AND CABLE SUPPORT DEVICES, SUPPORTS FOR CONDUCTORS IN VERTICAL CONDUIT. HANGERS AND SUPPORTS SHALL HAVE A FLAME RATING OF CLASS 1 AND BE SELF-EXTINGUISHING ACCORDING TO ASTM D 635.
- PROVIDE CAT6 WIRE LABELED AND RAN FROM EACH DATA BOX TO IT CLOSET. PROVIDE 12' ADDITIONAL COILED LENGTH IN IT CLOSET FOR EACH RUN.
- CEILING WIRELESS ACCESS POINT LOCATIONS ARE INDICATED ON THE DRAWING. PROVIDE 12' ADDITIONAL COILED LENGTH IN IT CLOSET AND 10' ADDITIONAL COIL LENGTH AT EACH CEILING LOCATION FOR EACH RUN.
- MOUNT COMBINATION EXIT/EMERGENCY LIGHTING UNITS TO THE LIGHTING BRANCH CIRCUIT IN THE ROOM IT IS SERVING ON THE LINE SIDE OF ANY SWITCHES.



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NEW 40' x 100' FORESTRY HEADQUARTERS BUILDING		
ELECTRICAL FLOOR PLAN & LIGHT FIXTURE SCHEDULE		
REVISIONS		
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SHEET NO.	E-1	

