

# A NEW STORAGE POLE BUILDING AT BENTON COUNTY FAIRGROUNDS 110 SW 53rd ST CORVALLIS, OR 97333

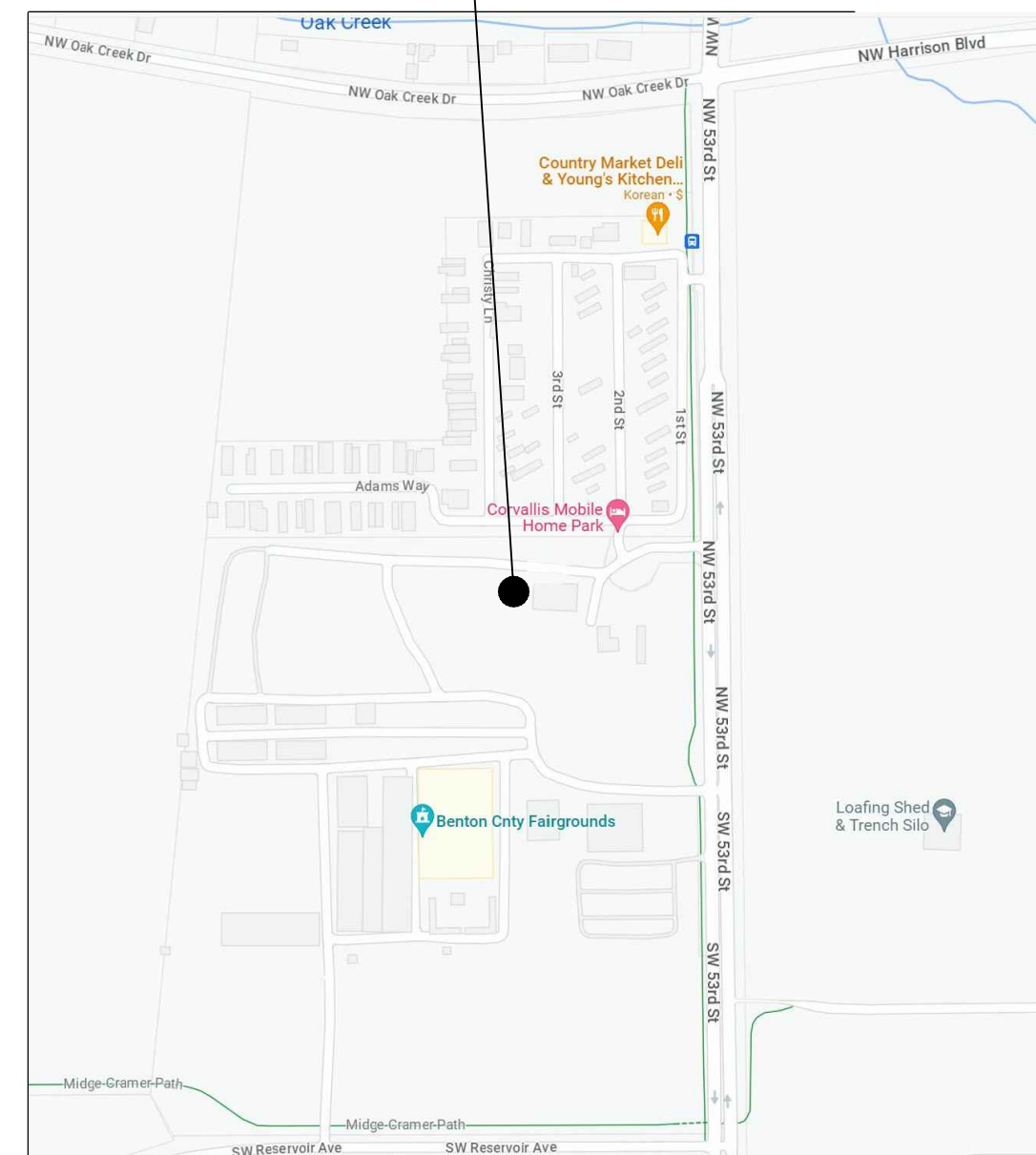
## DESIGN INFORMATION

- ALL WORK SHALL COMPLY WITH THE STATE OF OREGON 2022 EDITION OF THE OREGON STRUCTURAL SPECIALTY CODE 2010 ASCE 7-16; 2018 NATIONAL DESIGN SPECIFICATION; 2015 SDPWS
- FLOOR LIVE LOAD: 40 P.S.F.
- ROOF LIVE LOAD: 25 P.S.F.
- SNOW LOAD:
  - FLAT-ROOF SNOW LOAD, Pf: 9.0 P.S.F. SEAO WEB SITE MODELED ELEVATION: 285 FT GOOGLE EARTH ELEV: 268 FT
  - SNOW EXPOSURE FACTOR, Ce: 1.0
  - TERRAIN CATEGORY: C
  - EXPOSURE: PARTIALLY
  - SNOW LOAD IMPORTANCE FACTOR, I: 1.0
  - THERMAL FACTOR, Ct: 1.0
  - DRIFT SURCHARGE LOAD, Pd: WHERE SUM OF Pd & Pf EXCEEDS 20 PSF: NA
  - DRIFT WIDTH, w: NA
- WIND DESIGN DATA:
  - ULTIMATE DESIGN WIND SPEED, Vult: 96 M.P.H. (3-SEC GUST)
  - NOMINAL DESIGN WIND SPEED, Vasd: 74 M.P.H.
  - RISK CATEGORY (2022 OSSC, 1604.5): II
  - WIND EXPOSURE: C
  - APPLICABLE INTERNAL PRESS. COEFF.: 0.18± PSF
  - DESIGN WIND PRESS. FOR C&C: 18 PSF
- EARTHQUAKE DESIGN DATA:
  - RISK CATEGORY: II
  - SEISMIC IMPORTANCE FACTOR, Ie: 1.0
  - MAPPED SPECTRAL RESPONSE ACCELERATIONS:
    - Ss: 0.904 g
    - S1: 0.478 g
    - D
  - SITE CLASS: D
  - DESIGN SPECTRAL RESPONSE COEFFICIENTS:
    - SDS: 0.686 g
    - SD1: 0.860 g
    - D
  - SEISMIC DESIGN CATEGORY: D
  - SEISMIC FORCE RESISTING SYSTEM: CANTILEVERED COLUMN SYSTEMS
  - DESIGN BASE SHEAR, V (SEISMIC): 20.13 KIPS, N/S; 18.56 KIPS, E/W
  - SEISMIC RESPONSE COEFF. Cs: 0.4572
  - RESPONSE MODIFICATION FACTOR, R: 1 1/2
  - ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE (ELF)
- GEOTECHNICAL INFORMATION:
  - DESIGN LOAD BEARING VALUE: 1500 P.S.F. (ASSUMED)
- FLOOD DESIGN DATA:
  - FIRM MAP NUMBER: MAP NO.: 41003C0180F EFFECTIVE DATE: 6/2/2011
  - ZONE: ZONE X, AREA DETERMINED TO BE OUTSIDE THE 100- AND 500-YEAR FLOODPLAINS.
- SPECIAL LOADS: NONE.
- PHOTOVOLTAIC PANEL SYSTEM LOAD: NA
- ROOF RAIN INTENSITY, i: NA IN/HR
- SPECIAL INSPECTIONS (SEISMIC): NA
- ZONING: P - PUBLIC ZONE

## NOTE

- THE CONTRACTOR SHALL ENSURE THAT CONSTRUCTION MEANS AND METHODS, INCLUDING LOADING AND BRACING, SHALL NOT EXCEED THE CAPACITY OF STRUCTURAL MEMBERS.

PROJECT LOCATION  
110 SW 53rd ST  
CORVALLIS, OR 97333



VICINITY PLAN

SCALE: NTS



## PROJECT DESIGN

PROJECT ENGINEER: WILLIAM E. BARLOW, P.E. 541-609-8777  
P.O. BOX 43  
PHILOMATH, OR 97370

PROJECT MANAGER: SHANE GALLOWAY 541-760-3741  
1200 SW AVERY PARK DR.  
CORVALLIS, OR 97333

## SITE LOCATION

TAX MAP/LOT: 11 5 32D/300  
BENTON COUNTY  
LATITUDE: 44.568220  
LONGITUDE: -123.313783

## SQUARE FOOTAGE

STORAGE AREA: 2912 SQ FT  
INTERIOR OFFICE: 288  
POLE BLDG TOTAL AREA: 3200 SQ FT

## CODE ANALYSIS

FOR DETAILED ANALYSIS SEE SHEET A/S8.0

OCCUPANCY	INTERIOR OFFICE AND STORAGE AREA B AND S-1
CONSTRUCTION TYPE	V, B
AUTOMATIC SPRINKLER	NOT REQUIRED
BUILDING HEIGHT	EXISTING: 18'-0" ROOF MEAN HEIGHT
BUILDING WIDTH & LENGTH	40'x76'
NUMBER OF STORIES	1

## PROJECT DESCRIPTION

THE PROJECT IS TO CONSTRUCT A 76'x40' POLE BUILDING WITH 14' WALLS AND A 4:12 PITCH ROOF. THE BUILDING IS TO HAVE WOOD GIRTS, EXCEPT AT THE OFFICE, WOOD STUDS. THE BUILDING SURFACE IS TO BE COVERED WITH METAL SIDING AND METAL ROOFING.

THE BUILDING IS PLANNED TO STORE AGRICULTURAL TRACTORS, TEMPORARY FENCING, TRAFFIC SIGNAGE, BARRICADES, LAWN MOWERS, GOLF CARTS AND FORK LIFTS.

STORAGE OF HAZADAROUS MATERIAL IS PLANNED TO BE A MAXIMUM OF 20 GALLONS OR LESS FOR GASOLINE AND/OR A MAXIMUM OF 20 GALLONS OR LESS OF DIESEL FUEL.

## INDEX TO DRAWINGS

T1.0 TITLE SHEET

C1.0 SITE PLAN  
C1.1 ENLARGED PARTIAL SITE PLAN

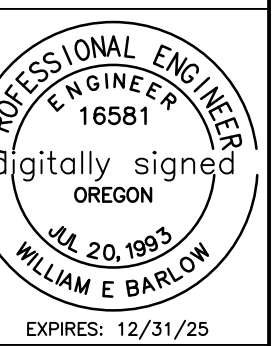
N1.0 STRUCTURAL GENERAL NOTES

S1.0 NORTH & WEST ELEVATIONS  
S1.1 SOUTH & EAST ELEVATIONS  
S2.0 MAIN FLOOR PLAN AND STORAGE DECK AND DETAILS  
S3.0 FOUNDATION PLAN  
S4.0 ROOF FRAMING PLAN  
S5.0 TRANSVERSE SECTION  
S5.1 TRANSVERSE SECTION  
S6.0 DETAILS  
S6.1 DETAILS  
S7.0 ENLARGED RESTROOM PLAN  
S8.0 CODE ANALYSIS AND EGRESS PLAN

E1.0 ELECTRICAL PLAN

REVISIONS	BY
REV. 1 DRAWING SET REVISED 1.17.24	WEB

**A NEW STORAGE POLE BUILDING**  
**110 SW 53rd ST**  
**CORVALLIS, OR 97333**  
**TITLE SHEET**

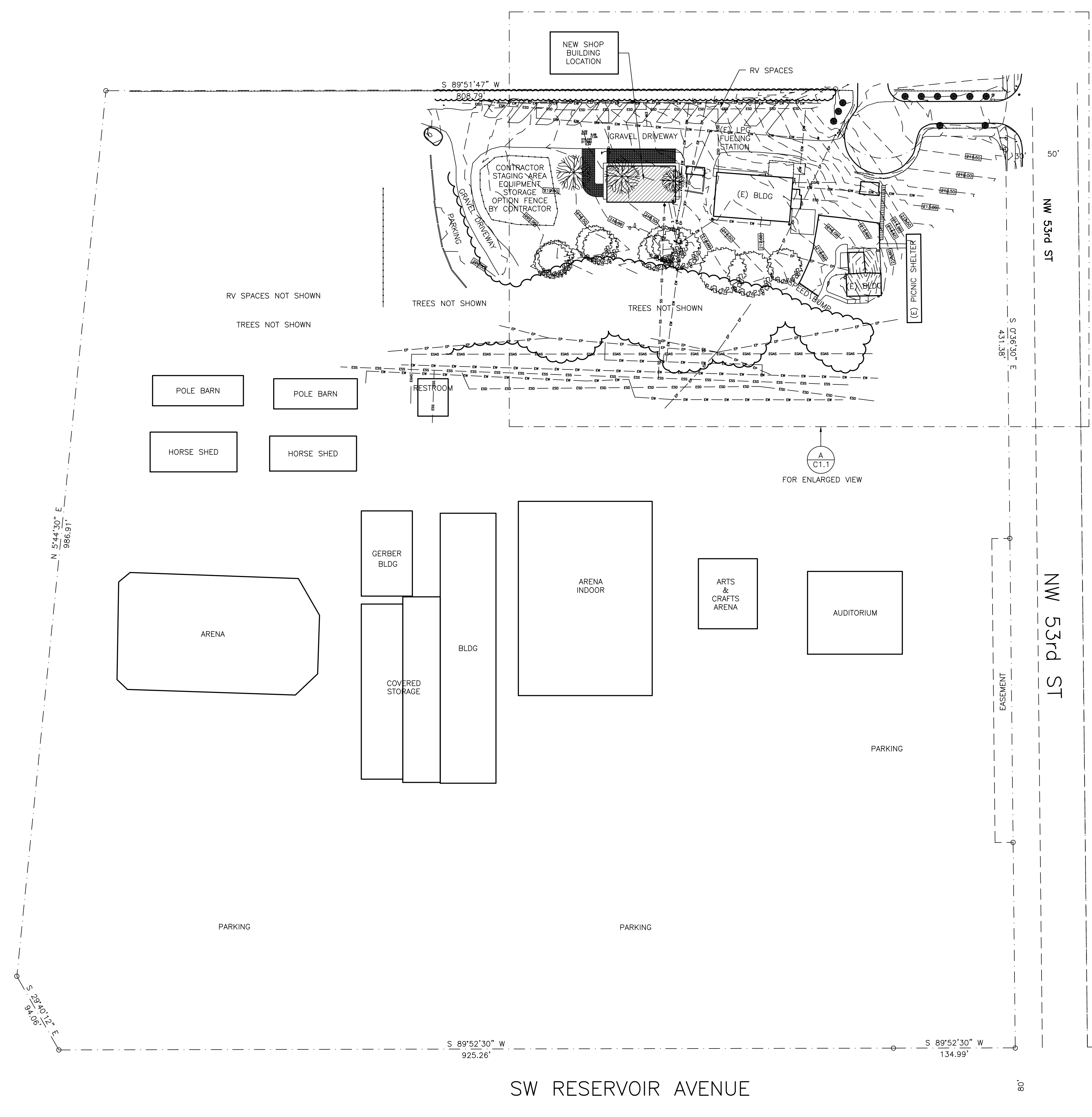


**CIVIL ENGINEERING DESIGN**  
 Design for the Human Environment  
 WILLIAM E. BARLOW, P.E.  
 P.O. BOX 2023  
 CORVALLIS, OR 97339  
 541-929-8111  
 www.civilengdesign.com

DATE: 1.17.2024  
 SCALE: AS SHOWN  
 DRAWN: WEB  
 SHEET:

TO.0

REVISIONS	BY



**GENERAL NOTES**

- ALL SITE SPOILS SHALL BE REMOVED FROM THE SITE.
- VERIFY LOCATION OF SERVICE BY POT HOLE.

**LEGEND**

NOTE: PARTIAL VIEW OF SERVICES ONLY

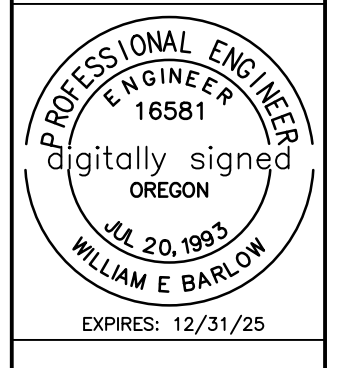
—●—●—●—●—●—	EXISTING ELECTRIC POWER
—●—●—●—●—●—	EXISTING GAS
—●—●—●—●—●—	EXISTING COMMUNICATION
—●—●—●—●—●—	EXISTING WATER
—●—●—●—●—●—	EXISTING IRRIGATION
—●—●—●—●—●—	EXISTING SANITARY SEWER
—●—●—●—●—●—	EXISTING STORM DRAIN
—●—●—●—●—●—	NEW ELECTRIC POWER
—●—●—●—●—●—	NEW COMMUNICATION
—●—●—●—●—●—	NEW WATER
—●—●—●—●—●—	NEW SANITARY SEWER
—●—●—●—●—●—	NEW STORM DRAIN

**NOTE**

THIS IS NOT A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE BASED ON SURVEY DRAWINGS: CS10421 AND TAX MAP/LOT: 11 5 32 0/300. PROPERTY LINES ARE A GRAPHIC REPRESENTATION TO SHOW RELATIONSHIP OF PROPERTY LINES TO SITE PHYSICAL INFORMATION.

CONTOURS AT 0.5 FT INTERVAL  
 TOPOGRAPHIC SURVEY BY:  
 WILLIAM E. BARLOW, P.E.  
 PHILOMATH, OR  
 OCTOBER 23, 2023

**A NEW STORAGE POLE BUILDING**  
 110 SW 53rd ST  
 CORVALLIS, OR 97333  
**SITE PLAN**



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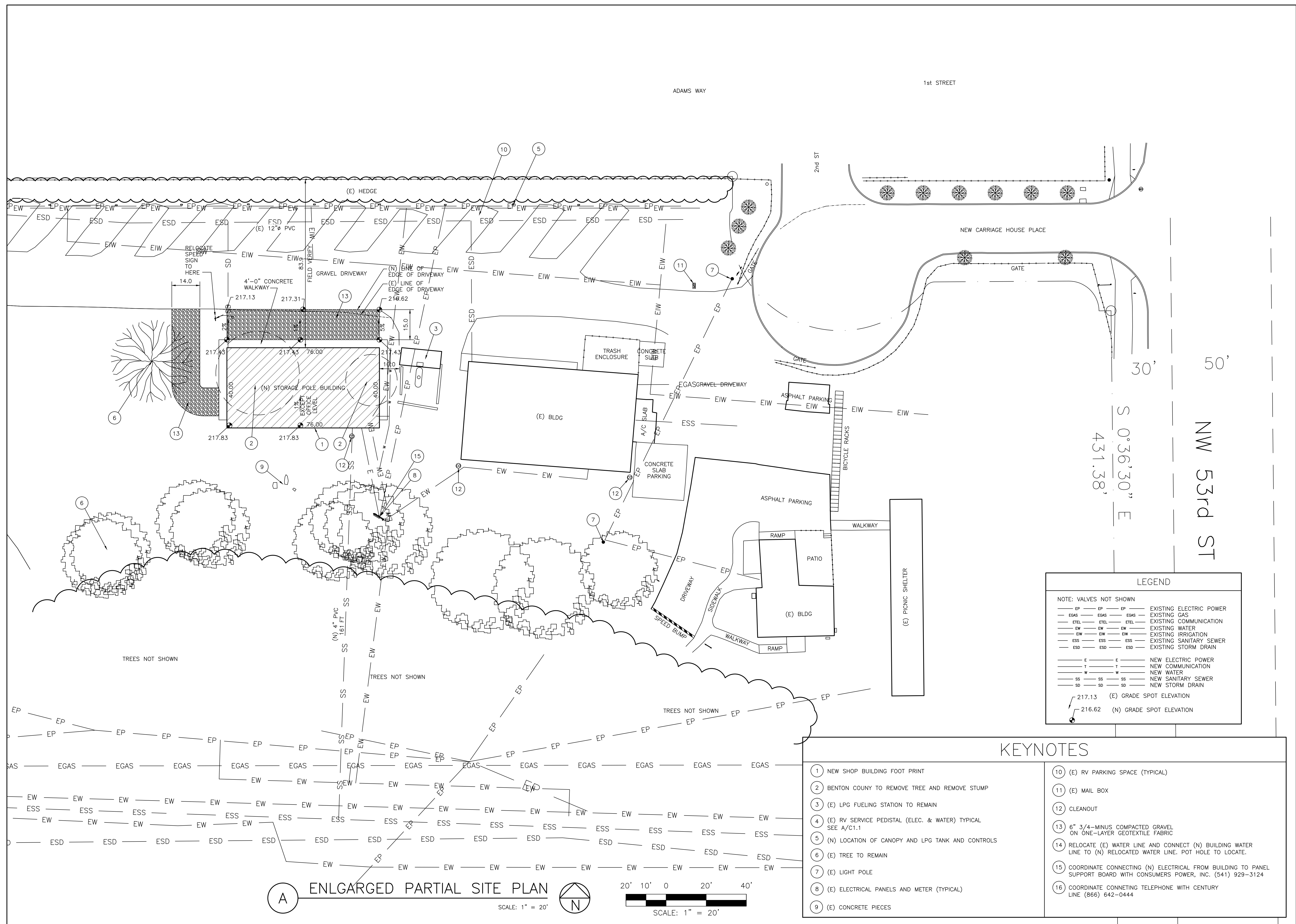
DATE 1.17.2024  
 SCALE AS SHOWN  
 DRAWN WEB  
 SHEET

**C1.0**

**A SITE PLAN**  
 SCALE: 1" = 60'



REVISIONS	BY



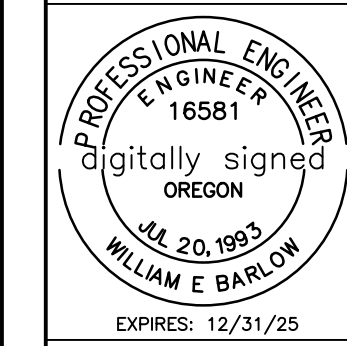
LEGEND			
NOTE: VALVES NOT SHOWN			
— EP —	— EP —	— EP —	EXISTING ELECTRIC POWER
— EGAS —	— EGAS —	— EGAS —	EXISTING GAS
— ETEL —	— ETEL —	— ETEL —	EXISTING COMMUNICATION
— EW —	— EW —	— EW —	EXISTING WATER
— EW —	— EW —	— EW —	EXISTING IRRIGATION
— ESS —	— ESS —	— ESS —	EXISTING SANITARY SEWER
— ESD —	— ESD —	— ESD —	EXISTING STORM DRAIN
— E —	— E —	— E —	NEW ELECTRIC POWER
— T —	— T —	— T —	NEW COMMUNICATION
— W —	— W —	— W —	NEW WATER
— SS —	— SS —	— SS —	NEW SANITARY SEWER
— SD —	— SD —	— SD —	NEW STORM DRAIN
● 217.13	(E)	GRADE SPOT ELEVATION	
● 216.62	(N)	GRADE SPOT ELEVATION	

KEYNOTES	
1	NEW SHOP BUILDING FOOT PRINT
2	BENTON COUNTY TO REMOVE TREE AND REMOVE STUMP
3	(E) LPG FUELING STATION TO REMAIN
4	(E) RV SERVICE PEDISTAL (ELEC. & WATER) TYPICAL SEE A/C1.1
5	(N) LOCATION OF CANOPY AND LPG TANK AND CONTROLS
6	(E) TREE TO REMAIN
7	(E) LIGHT POLE
8	(E) ELECTRICAL PANELS AND METER (TYPICAL)
9	(E) CONCRETE PIECES
10	(E) RV PARKING SPACE (TYPICAL)
11	(E) MAIL BOX
12	CLEANOUT
13	6" 3/4-MINUS COMPACTED GRAVEL ON ONE-LAYER GEOTEXTILE FABRIC
14	RELOCATE (E) WATER LINE AND CONNECT (N) BUILDING WATER LINE TO (N) RELOCATED WATER LINE. POT HOLE TO LOCATE.
15	COORDINATE CONNECTING (N) ELECTRICAL FROM BUILDING TO PANEL SUPPORT BOARD WITH CONSUMERS POWER, INC. (541) 929-3124
16	COORDINATE CONNECTING TELEPHONE WITH CENTURY LINE (866) 642-0444

**A ENLARGED PARTIAL SITE PLAN**

SCALE: 1" = 20'

**A NEW STORAGE POLE BUILDING**  
 110 SW 53rd ST  
 CORVALLIS, OR 97333  
**ENLARGED PARTIAL SITE PLAN**



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DATE: 1.17.2024  
 SCALE: AS SHOWN  
 DRAWN: WEB  
 SHEET: **C1.1**

# STRUCTURAL AND GENERAL NOTES

## GENERAL

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.
2. DO NOT SCALE DRAWINGS. COORDINATE DIMENSIONS WITH "S" DESIGN DRAWINGS. COORDINATE CONSTRUCTION WITH ALL TRADES.
3. ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE 2014 OREGON STRUCTURAL SPECIALTY CODE AS AMENDED AND ADOPTED BY THE STATE OF OREGON.
4. METHODS, PROCEDURES, AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION.
5. THE STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE, WORKERS, AND VISITORS DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT LIMITED TO BRACING, SHORING FOR CONSTRUCTION LOADS, ETC. VISITS TO THE SITE BY THE PROJECT ENGINEER OR HIS AGENT OR REPRESENTATIVE, SHALL NOT INCLUDE REVIEW OF THE ABOVE ITEMS.
6. OPENINGS, POCKETS, ETC. SHALL NOT BE PLACED IN STRUCTURAL ELEMENTS UNLESS SPECIFICALLY DETAILED OR APPROVED BY THE PROJECT ENGINEER WHOSE NAME AND SEAL (STAMP) APPEAR ON THESE STRUCTURAL DRAWINGS.
7. CONSTRUCTION LOAD (MATERIAL AND EQUIPMENT) SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT. PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE THE STRUCTURE HAS NOT ATTAINED DESIGN STRENGTH.
8. WHEN A DETAIL IS IDENTIFIED AS TYPICAL, THE CONTRACTOR SHALL APPLY THIS DETAIL IN ESTIMATING AND CONSTRUCTION TO EVERY LIKE CONDITION WHETHER OR NOT THE REFERENCE IS MADE IN EVERY INSTANCE.

## MECHANICAL

1. MECHANICAL DESIGN AND MATERIAL BY OTHERS.

## ELECTRICAL

1. ELECTRICAL DESIGN AND MATERIAL BY OTHERS.

## FOUNDATION

1. FOUNDATION SOIL BEARING PRESSURE ASSUMED TO BE 1500 PSI.
2. THE CONTRACTOR SHALL PROVIDE FOR DE-WATERING OF EXCAVATIONS FOR EITHER SURFACE, GROUND, OR SEEPAGE WATER.
3. ANY ABANDONED MATERIALS, FOOTINGS, UTILITIES, ETC., THAT INTERFERE WITH NEW CONSTRUCTION SHALL BE REMOVED.
4. THE CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF ALL CRIBBING, SHEATHING, AND SHORING REQUIRED TO SAFELY RETAIN THE EARTH BANKS.

## NAILS

1. NAILS INTO TREATED WOOD SHALL BE HOT DIPPED GALVANIZED.

## WOOD POSTS

1. PRESSURE TREATED (PT) POSTS, DF-L NO. 2 OR BETTER TREATED WOOD OPTIONS
  - 1.1 MICRONIZED COPPER AZOLE
  - 1.2 CHROMATED COPPER ARSENATE (VERIFY)
  - 1.3 COPPER AZOLE
  - 1.4 OTHER APPROVED BY PROJECT ENGINEER

## WEATHER PROTECTION

1. FLASHING SHALL BE INSTALLED IN SUCH A MANNER SO AS TO PREVENT MOISTURE ENTERING THE WALLS AND ROOF THROUGH JOINTS IN COPINGS, THROUGH MOISTURE PERMEABLE MATERIALS, AND AT VERTICAL WALLS AND ROOF INTERSECTIONS AND OTHER PENETRATIONS THROUGH THE WALL AND ROOF PLANES.
2. METAL FLASHING SHALL BE CORROSION RESISTANT WITH A THICKNESS OF NOT LESS THAN 0.019 INCHES.
3. CORROSION-RESISTIVE FLASHING SHALL BE PROVIDED IN THE EXTERIOR WALL ENVELOPE IN SUCH A MANNER AS TO PREVENT ENTRY OF WATER INTO THE WALL OR PENETRATIONS OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS. THE FLASHING SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH AND SHALL BE INSTALLED TO PREVENT WATER FROM REENTERING THE EXTERIOR WALL ENVELOPE.

## CONCRETE AND REINFORCEMENT

1. CONCRETE MIXES SHALL BE DESIGNED BY A QUALIFIED TESTING LABORATORY AND REVIEWED BY THE PROJECT ENGINEER. MAXIMUM COARSE AGGREGATE SIZE IS 3/4 INCH. MIX DESIGNS SHALL BE SIGNED BY AN ENGINEER LICENSED IN THE STATE OF THE OREGON.
2. AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL CONFORM TO ASTM C33. PORTLAND CEMENT SHALL BE TYPE I OR TYPE II AND SHALL CONFORM TO ASTM C150.
3. ADMIXTURES MAY BE USED WITH PRIOR APPROVAL OF THE PROJECT ENGINEER. ADMIXTURES USED TO INCREASE THE WORKABILITY OF THE CONCRETE SHALL NOT BE CONSIDERED TO REDUCE THE SPECIFIED MINIMUM CEMENT CONTENT. CALCIUM CHLORIDE SHALL NOT BE USED.
4. COMPRESSIVE STRENGTHS OF CONCRETE AT 28 DAYS SHALL BE AS FOLLOWS:
  - 4.1 FOOTINGS . . . . . 3000 PSI
  - 4.2 BUILDING SLAB . . . . . 4000 PSI
5. MIXING, TRANSPORTING, AND PLACING OF CONCRETE SHALL CONFORM TO ACI 304R. ALL CONCRETE SURFACES AGAINST WHICH CONCRETE IS TO BE PLACED SHALL BE THOROUGHLY CLEANED. LAITANCE AND STANDING WATER SHALL BE REMOVED.
6. ALL REINFORCING BARS, ANCHOR BOLTS, AND OTHER CONCRETE CONNECTORS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE. PROVIDE CONCRETE PROTECTION AS REQUIRED AND NECESSARY.
7. BAR SUPPORTS FOR FLOOR SLAB
  - 7.1 REINFORCEMENT SHALL BE SUPPORTED AND RIGIDLY FASTENED BEFORE CONCRETE IS PLACED.
  - 7.2 BAR SUPPORTS MAY BE METAL, CONCRETE, FIBER-REINFORCED CONCRETE, PLASTIC, OR OTHER APPROVED MATERIAL.
  - 7.3 CLASS 3 BAR SUPPORTS MINIMUM
8. CONCRETE COVER PROTECTION FOR REINFORCEMENT BAR SHALL BE AS FOLLOWS: (SEE ACI 318-99 FOR CONDITIONS NOT NOTED.)
  - 8.1 CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH . . . . . 3"
  - 8.2 CONCRETE EXPOSED TO EARTH OR WEATHER . . . . . 1 1/2"
9. REINFORCING STEEL (REBAR) FOR CONCRETE SHALL BE DEFORMED, GRADE 60 (fy=60000 PSI YIELD STRENGTH)
11. DETAILING OF CONCRETE REINFORCEMENT BARS AND ACCESSORIES SHALL CONFORM TO THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE (ACI) DETAILING MANUAL, ACI COMMITTEE 315.
12. GROUT SHALL BE NON-SHINKABLE GROUT CONFORMING TO ASTM C827 AND SHALL HAVE A SPECIFIED COMPRESSIVE STRENGTH AT 28 DAYS OF 5000 psi. PREGROUTING OF BASE PLATES WILL NOT BE PERMITTED.
13. PROVIDE SLEEVES FOR PLUMBING AND ELECTRICAL OPENINGS IN CONCRETE BEFORE PLACING. CORING IN CONCRETE IS NOT PERMITTED EXCEPT AS SHOWN. NOTIFY THE PROJECT ENGINEER IN ADVANCE OF CONDITIONS NOT SHOWN ON THE DRAWINGS.
14. STEEL WELDED WIRE FABRIC (WWF)
  - 14.1 ASTM A185, PLAIN TYPE IN ROLLS, PLAN FINISH. PROVIDE 6"x6"-W2.1xW2.1 WWF, GRADE 65 MIN. (65000 PSI YIELD)
15. BAR AND WELDED WIRE FABRIC SUPPORTS
  - 15.1 PROVIDE ALL SPACERS, CHAIRS (HCM), TIES AND OTHER DEVICES NECESSARY TO PLACE, SPACE, SUPPORT AND MAINTAIN REBAR AND WWF IN LOCATIONS IN ACCORDANCE WITH ACI 315.
  - 15.2 CONFORM TO "BAR SUPPORT SPECIFICATION," CRSI MANUAL OF STANDARD PRACTICE, CHAPTER 3, LATEST EDITION, AND BE OF THE FOLLOWING TYPES:
    - 15.2.1 SUPPORT REINFORCING IN FOOTINGS WITH PRECAST CONCRETE BLOCKS.
    - 15.2.2 SUPPORT FOR WWF IN SLABS WITH PRECAST CONCRETE BLOCKS OR METAL CHAIRS OF ACI TYPE HCM, CLASS 3.

## STEEL ROOFING & SIDING

- 1A. BRUCE & DANA, INC.  
2204 SIMPSON ST., S.E.  
SALEM, OR 97301  
503-364-5274  
800-653-5144
  - OR
  - 1B. LEGACY METALWORKS  
795 S. 2ND ST., HARRISBURG, OR 97446  
541-632-4260
  - OR
  - 1C. OTHER SUPPLIER/MANUFACTURER APPROVED BY PROJECT ENGINEER OR APPROVED BY OWNER
2. PROVIDE VAPOR BARRIER BETWEEN THE METAL CLADDING (SIDING) AND THE WOOD SUPPORTS, SUCH AS 15# FELT. INSTALL VAPOR BARRIER PER MANUFACTURER'S INSTRUCTIONS.

## WOOD TRUSSES

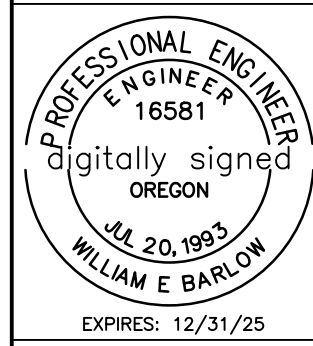
- RELCO ROOF & FLOOR INC  
30153 SUBSTATION DR  
HARRISBURG, OR 97446  
(541) 995-6311
- 1.01 WORK INCLUDED
    1. FABRICATE, SUPPLY AND ERECT WOOD TRUSSES AS SHOWN ON THE DRAWINGS AND AS SPECIFIED. WORK TO INCLUDE ANCHORAGE, BLOCKING, CURBING, MISCELLANEOUS FRAMING AND BRACING.
  - 1.02 DEFINITIONS
    - A. TRUSS: THE TERMS "TRUSS" AND "WOOD TRUSS COMPONENT" REFER TO OPEN WEB LOAD CARRYING ASSEMBLIES SUITABLE FOR SUPPORT OF ROOF DECKS OR FLOORS IN BUILDINGS.
    - B. MANUFACTURER: A MANUFACTURER WHO IS REGULARLY ENGAGED IN DESIGN AND FABRICATION OF WOOD TRUSS COMPONENTS.
    - C. TRUSS INSTALLER: BUILDER, CONTRACTOR OR SUB-CONTRACTOR WHO IS RESPONSIBLE FOR THE FIELD STORAGE, HANDLING AND INSTALLATION OF TRUSSES.
  - 1.03 TRUSS DESIGN
    - A. TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THESE SPECIFICATIONS AND WHERE ANY APPLICABLE DESIGN FEATURE IS NOT SPECIFIED HEREIN, DESIGN SHALL BE IN ACCORDANCE WITH APPLICABLE PROVISIONS OF LATEST EDITION OF NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION (NDS) AMERICAN FOREST AND PAPER ASSOCIATION (AFPA), AND DESIGN SPECIFICATIONS FOR METAL PLATE CONNECTED WOOD TRUSSES (ANSI/TPI 1), TRUSS PLATE INSTITUTE (TPI), AND CODE OF JURISDICTION.
    - B. MANUFACTURER SHALL FURNISH DESIGN DRAWINGS BEARING SEAL AND REGISTRATION NUMBER OF A CIVIL OR STRUCTURAL ENGINEER LICENSED IN STATE WHERE TRUSSES ARE TO BE INSTALLED. DRAWINGS SHALL BE APPROVED BY ARCHITECT PRIOR TO FABRICATION.
    - C. TRUSS DESIGN DRAWINGS SHALL INCLUDE AS MINIMUM INFORMATION:
      1. SPAN, DEPTH OR SLOPE AND SPACING OF TRUSSES;
      2. REQUIRED BEARING WIDTH;
      3. DESIGN LOADS, AS APPLICABLE: A. TOP CHORD LIVE LOAD;
      - B. TOP CHORD DEAD LOAD;
      - C. BOTTOM CHORD LIVE LOAD;
      - D. BOTTOM CHORD DEAD LOAD;
      - E. CONCENTRATED LOADS AND THEIR POINTS OF APPLICATION; AND
      - F. WIND AND SEISMIC CRITERIA;
    4. ADJUSTMENT TO LUMBER AND PLATE DESIGN LOADS FOR CONDITION OF USE;
    5. REACTIVE FORCES, THEIR POINTS OF OCCURRENCE AND DIRECTION;
    6. ALPINE/LUMBERMATE/CLARY PLATE TYPE, GAGE, SIZE AND LOCATION OF PLATE AT EACH JOINT;
    7. LUMBER SIZE, SPECIES AND GRADE FOR EACH MEMBER;
    8. LOCATION OF ANY REQUIRED CONTINUOUS LATER BRACING;
    9. CALCULATED DEFLECTION RATIO AND/OR MAXIMUM DEFLECTION FOR LIVE AND TOTAL LOAD;
    10. MAXIMUM AXIAL COMPRESSIVE FORCES IN TRUSS MEMBERS;
    11. LOCATION OF JOINTS;
    12. CONNECTION REQUIREMENTS FOR:
      - A. TRUSS TO TRUSS GIRDERS;
      - B. TRUSS PLY TO PLY; AND
      - C. FIELD SPLICES.
  - 2.01 MATERIALS
    - A. LUMBER:
      1. LUMBER USED FOR TRUSS MEMBERS SHALL BE IN ACCORDANCE WITH PUBLISHED VALUES OF LUMBER RULES WRITING AGENCIES APPROVED BY BOARD OF REVIEW OF AMERICAN LUMBER STANDARDS COMMITTEE. LUMBER SHALL BE IDENTIFIED BY GRADE MARK OF A LUMBER INSPECTION BUREAU OR AGENCY APPROVED BY THAT BOARD, AND SHALL BE AS SHOWN ON DESIGN DRAWINGS.
      2. MOISTURE CONTENT OF LUMBER SHALL BE NO LESS THAN 7 PERCENT NOR GREATER THAN 19 PERCENT AT TIME OF FABRICATION.
      3. ADJUSTMENT OF VALUES FOR DURATION OF LOAD OR CONDITIONS OF USE SHALL BE IN ACCORDANCE WITH NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION (NDS).
      4. FIRE RETARDANT TREATED LUMBER, IF APPLICABLE, SHALL MEET SPECIFICATIONS OF TRUSS DESIGN AND ANSI/TPI 1-1995, PAR 9.1.5 AND SHALL BE RE-DRIED AFTER TREATMENT IN ACCORDANCE WITH AWPA STANDARD C20. ALLOWABLE VALUES MUST BE ADJUSTED IN ACCORDANCE WITH NDS PAR 2.3.6. LUMBER TREATER SHALL SUPPLY CERTIFICATE OF COMPLIANCE.
    - B. METAL CONNECTOR PLATES:
      1. METAL CONNECTOR PLATES SHALL BE MANUFACTURED BY ALPINE/LUMBERMATE/CLARY OR PROJECT ENGINEER APPROVED METAL CONNECTOR AND SHALL BE NOT LESS THAN .036 INCHES IN THICKNESS (20 GAGE) AND SHALL MEET OR EXCEED ASTM A653-94 GRADE 37, AND SHALL BE HOT DIPPED GALVANIZED ACCORDING TO ASTM A653-94, COATING DESIGNATION G60. WORKING STRESSES IN STEEL ARE TO BE APPLIED TO EFFECTIVE RATIOS FOR PLATES AS DETERMINED BY TEST IN ACCORDANCE WITH APPENDIX E AND F OF ANSI/TPI 1-1995.
      2. IN HIGHLY CORROSIVE ENVIRONMENTS, SPECIAL APPLIED COATINGS OR STAINLESS STEEL MAY BE REQUIRED.
      3. AT THE REQUEST OF ARCHITECT, ALPINE/LUMBERMATE/CLARY SHALL FURNISH A CERTIFIED RECORD THAT MATERIALS COMPLY WITH STEEL SPECIFICATIONS.
  - 2.02 TRUSS FABRICATION
    1. TRUSSES SHALL BE FABRICATED IN A PROPERLY EQUIPPED MANUFACTURING FACILITY OF A PERMANENT NATURE. TRUSSES SHALL BE MANUFACTURED BY EXPERIENCED WORKMEN, USING PRECISION CUTTING, JIGGING AND PRESSING EQUIPMENT MEETING REQUIREMENTS OF ANSI/TPI 1-1995, SECTION 4. TRUSS MEMBERS SHALL BE ACCURATELY CUT TO LENGTH ANGLE AND TRUE TO LINE TO ASSURE PROPER FITTING JOINTS WITHIN TOLERANCES SET FORTH IN ANSI/TPI 1-1995, SECTION 4, AND PROPER FIT WITH OTHER WORK.
    - 3.01 HANDLING, INSTALLATION AND BRACING OF ROOF AND FLOOR TRUSSES
      1. TRUSS DELIVERY SHALL BE SCHEDULED REASONABLY NEAR THE SCHEDULED TIME OF ERECTION.
      2. TRUSSES SHALL BE HANDLED DURING FABRICATION, DELIVERY AND AT JOB SITE SO AS NOT TO BE SUBJECTED TO EXCESSIVE BENDING.
      3. TRUSSES SHALL BE UNLOADED ON SMOOTH GROUND TO AVOID LATERAL STRAIN. TRUSSES SHALL BE PROTECTED FROM DAMAGE THAT MIGHT RESULT FROM ON-SITE ACTIVITIES AND ENVIRONMENTAL CONDITIONS. PREVENT TOPPLING WHEN BANDING IS REMOVED.
      4. UPON ARRIVAL AND DURING THE UNLOADING PROCESS, TRUSSES SHALL BE INSPECTED FOR DAMAGE.
      5. HANDLE DURING INSTALLATION IN ACCORDANCE WITH HANDLING, INSTALLING AND BRACING WOOD TRUSSES (HIB-91), TPI, AND ANSI/TPI 1-1995. INSTALLATION SHALL BE CONSISTENT WITH GOOD WORKMANSHIP AND GOOD BUILDING PRACTICES AND SHALL BE RESPONSIBILITY OF TRUSS INSTALLER.
      6. APPARENT DAMAGE TO TRUSSES, IF ANY, SHALL BE REPORTED TO MANUFACTURER PRIOR TO INSTALLATION.
      7. TRUSSES SHALL BE SET AND SECURED LEVEL AND PLUMB, AND IN CORRECT LOCATION. TRUSSES SHALL BE HELD IN CORRECT ALIGNMENT UNTIL SPECIFIED PERMANENT BRACING IS INSTALLED.
      8. CUTTING AND ALTERING OF TRUSSES IS NOT PERMITTED.
      9. CONCENTRATED LOADS SHALL NOT BE PLACED ATOP TRUSSES UNTIL ALL SPECIFIED BRACING HAS BEEN INSTALLED AND DECKING IS PERMANENTLY NAILED IN PLACE. SPECIFICALLY AVOID STACKING FULL BUNDLES OF DECKING OR OTHER HEAVY MATERIALS ONTO UNSHEATHED TRUSSES.
      10. ERECTION BRACING IS ALWAYS REQUIRED. PROFESSIONAL ADVICE SHOULD ALWAYS BE SOUGHT TO PREVENT TOPPLING OR "DOMINOING" (CASCADING COLLAPSE) OF TRUSSES DURING INSTALLATION.
      11. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND FURNISHING THE MATERIALS USED FOR INSTALLATION AND PERMANENT BRACING.

## ABBREVIATIONS

(N) NEW	UNO UNLESS NOTED OTHERWISE
(E) EXISTING	PT PRESSURE TREATED
DO DITTO (SAME)	CONC. CONCRETE
TPI TRUSS PLATE INSTITUTE (tpinst.org)	TYP. TYPICAL
OH OVER HANG (EAVE)	MB MACHINE BOLT
	STD. STANDARD

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**A NEW STORAGE POLE BUILDING**  
 110 SW 53rd ST  
 CORVALLIS, OR 97333  
**STRUCTURAL AND GENERAL NOTES**

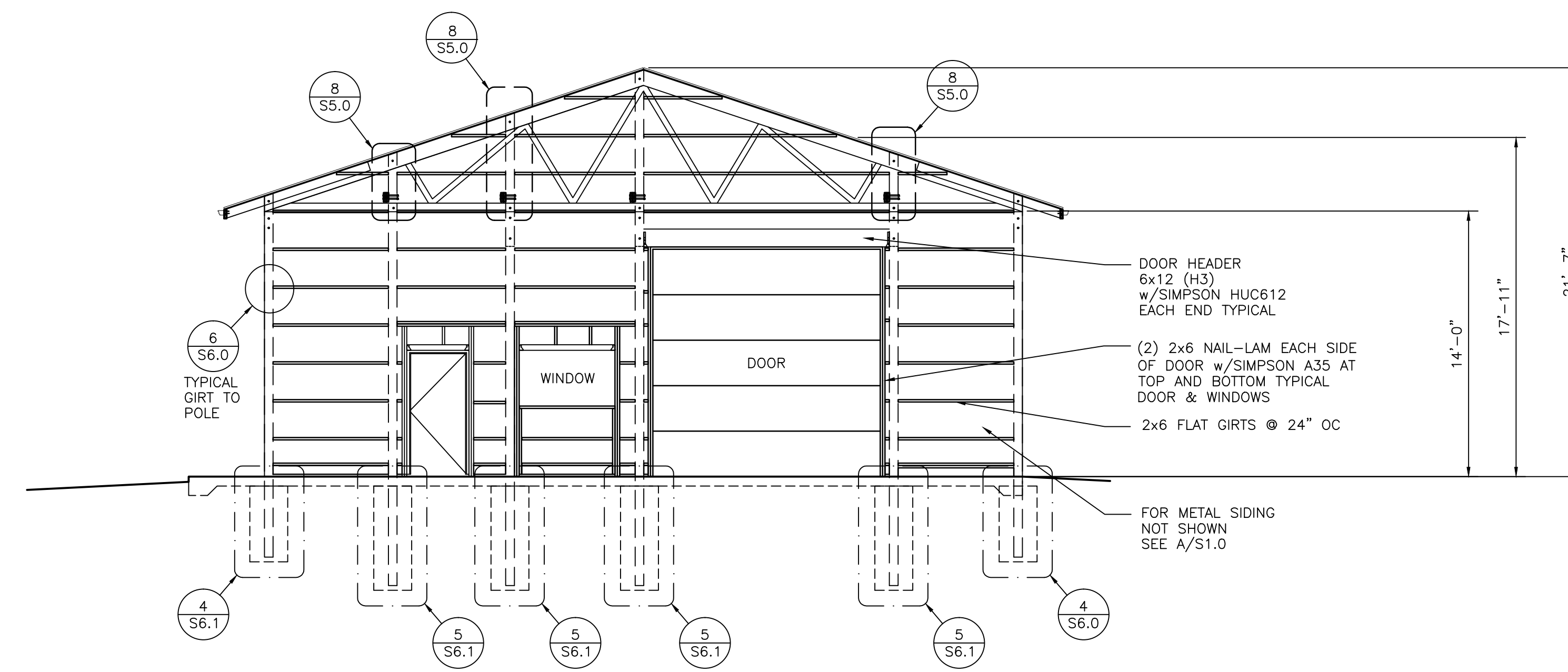


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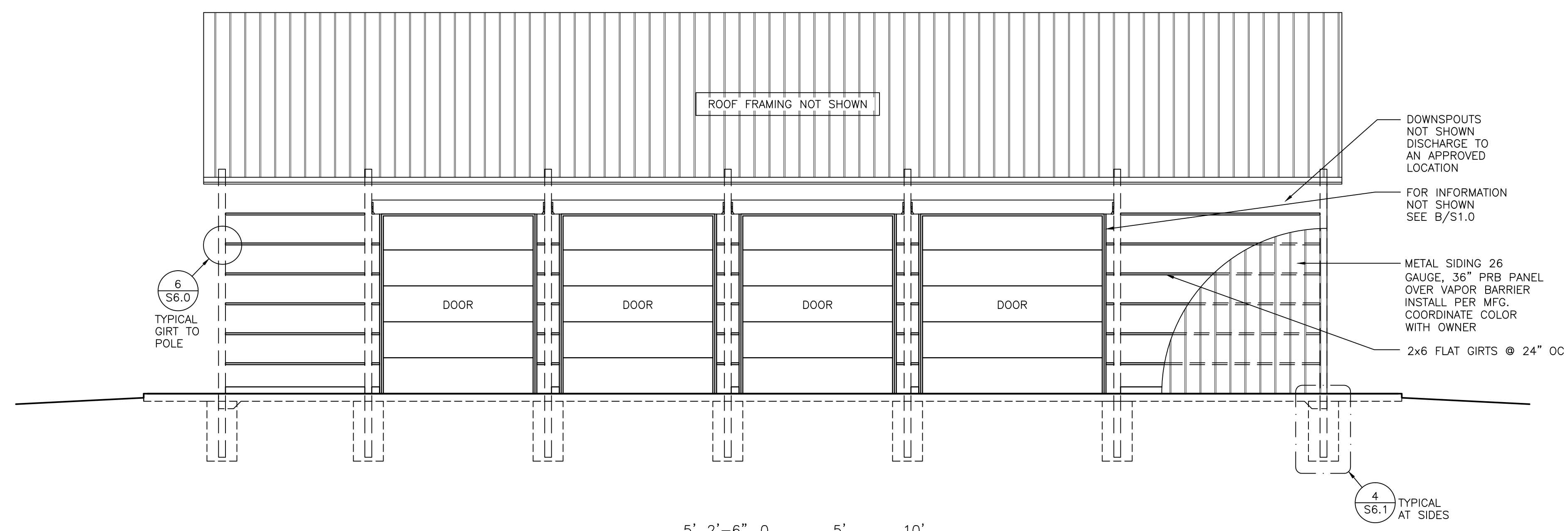
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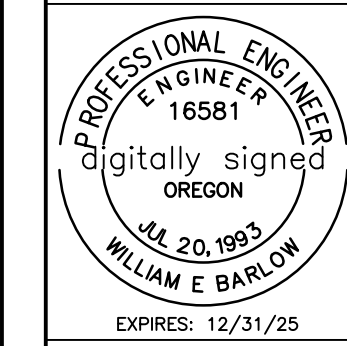


**B** WEST ELEVATION  
SCALE: 3/16"=1'-0"



**A** NORTH ELEVATION  
SCALE: 3/16"=1'-0"

**A NEW STORAGE POLE BUILDING**  
110 SW 53rd ST  
CORVALLIS, OR 97333  
NORTH AND WEST ELEVATIONS

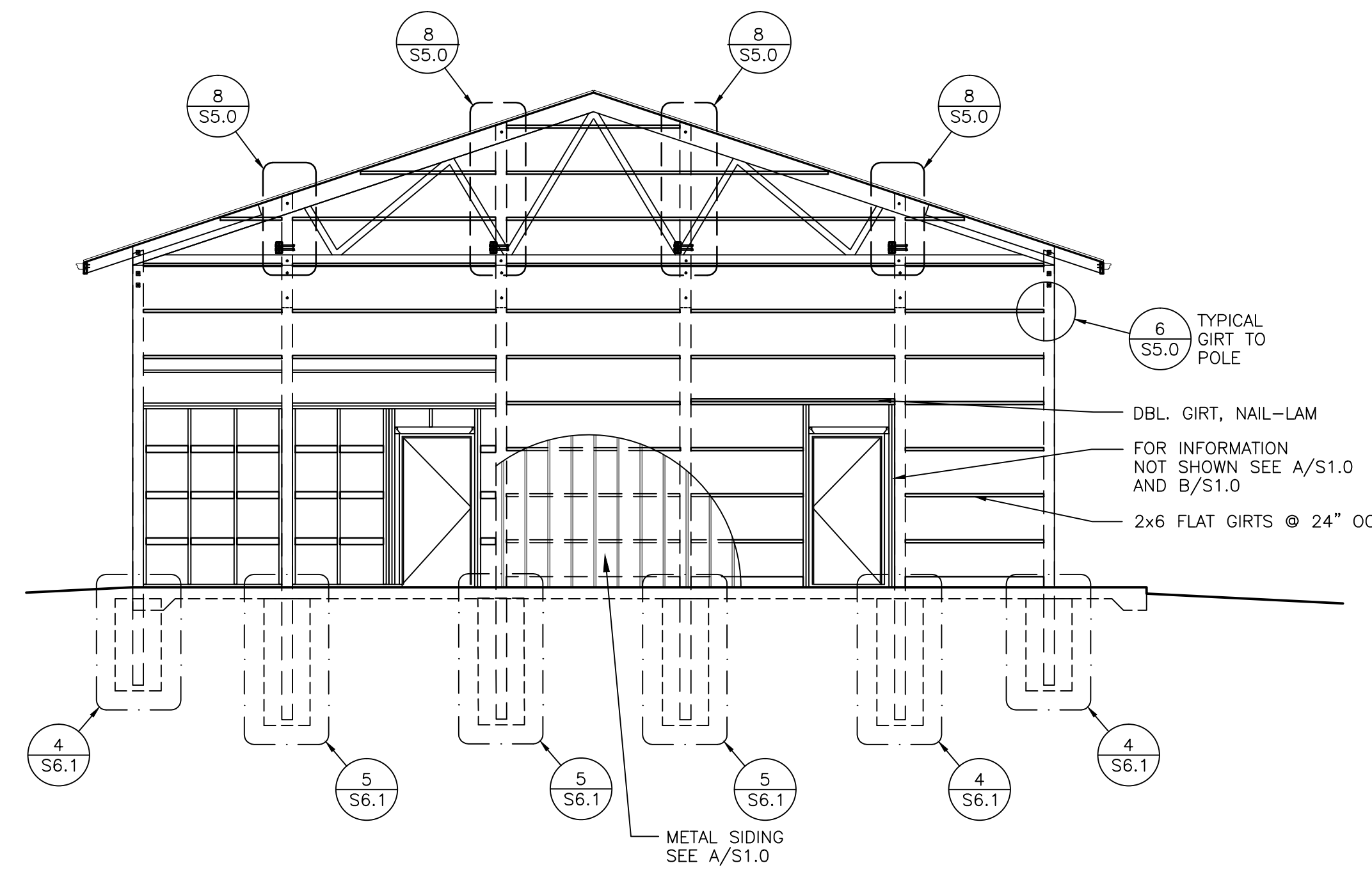


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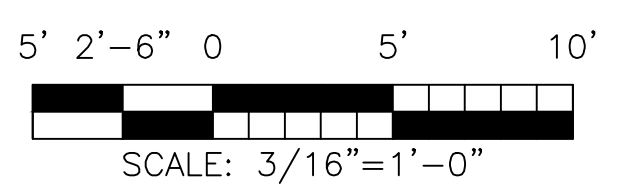
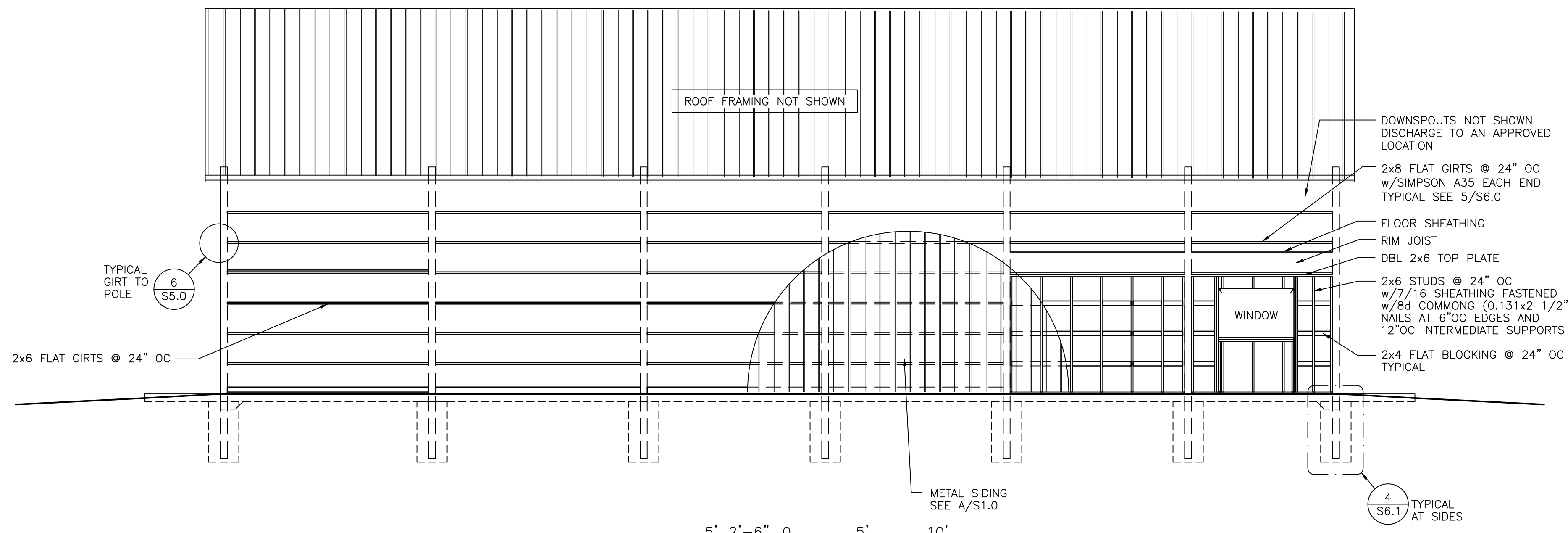
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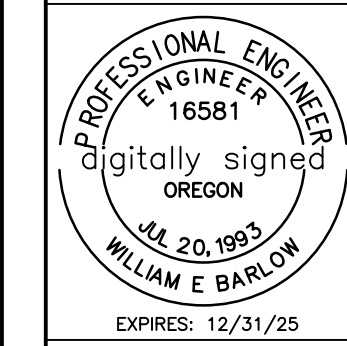


**B** EAST ELEVATION  
SCALE: 3/16"=1'-0"



**A** SOUTH ELEVATION  
SCALE: 3/16"=1'-0"

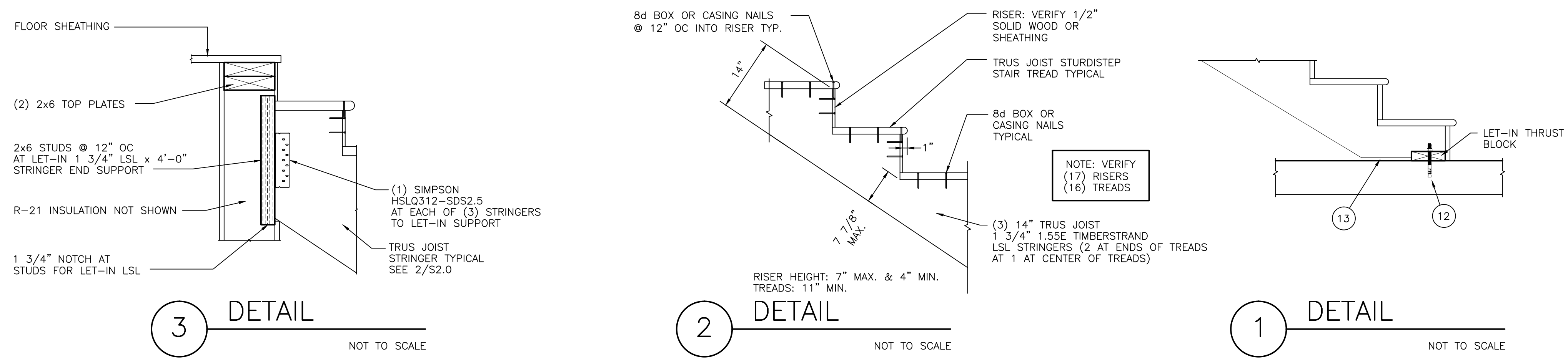
**A NEW STORAGE POLE BUILDING**  
110 SW 53rd ST  
CORVALLIS, OR 97333  
**SOUTH AND EAST ELEVATIONS**



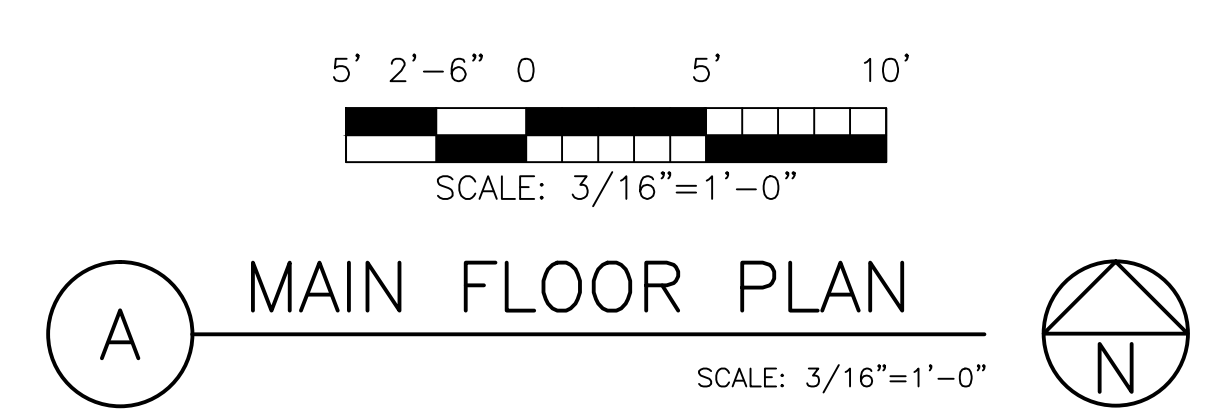
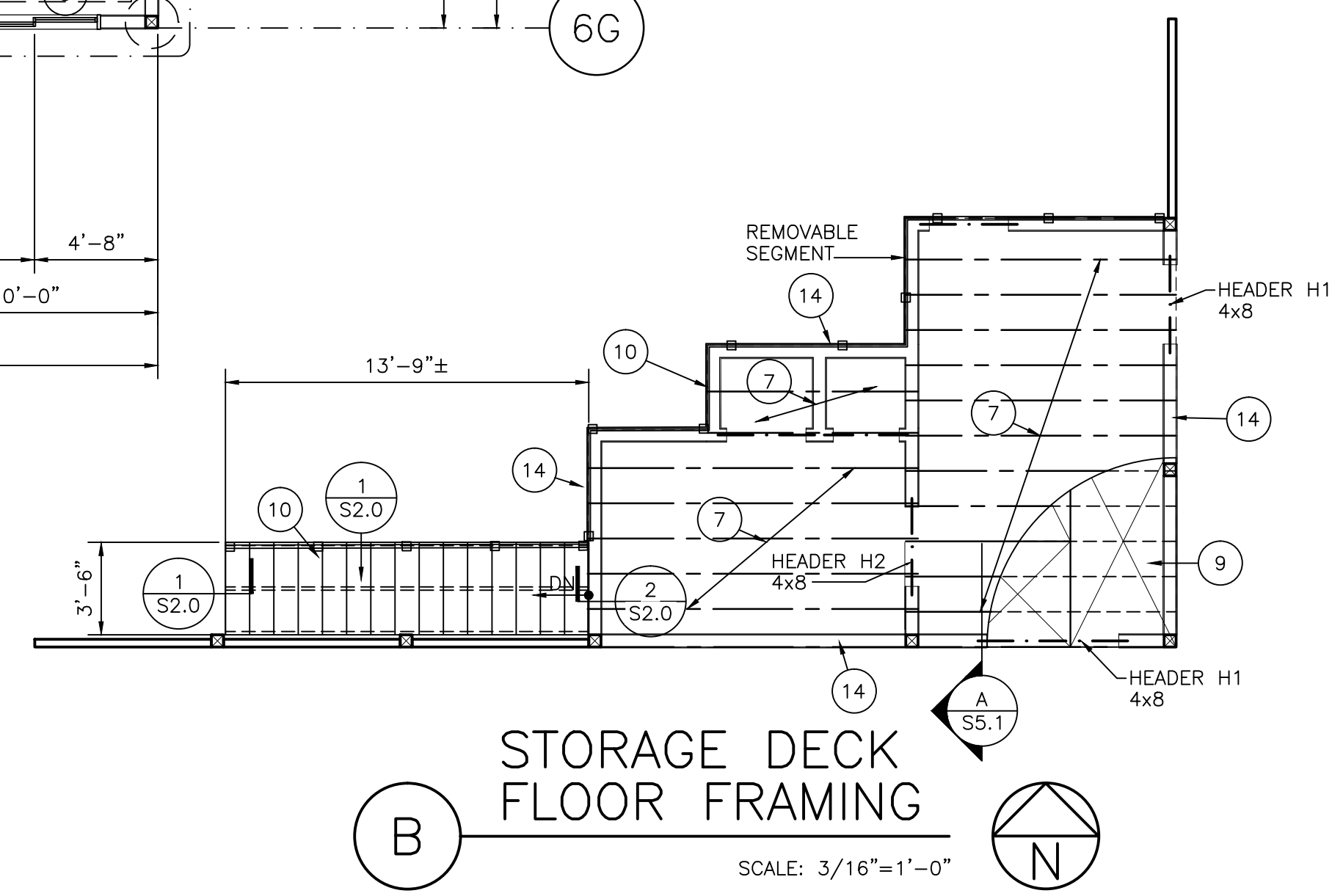
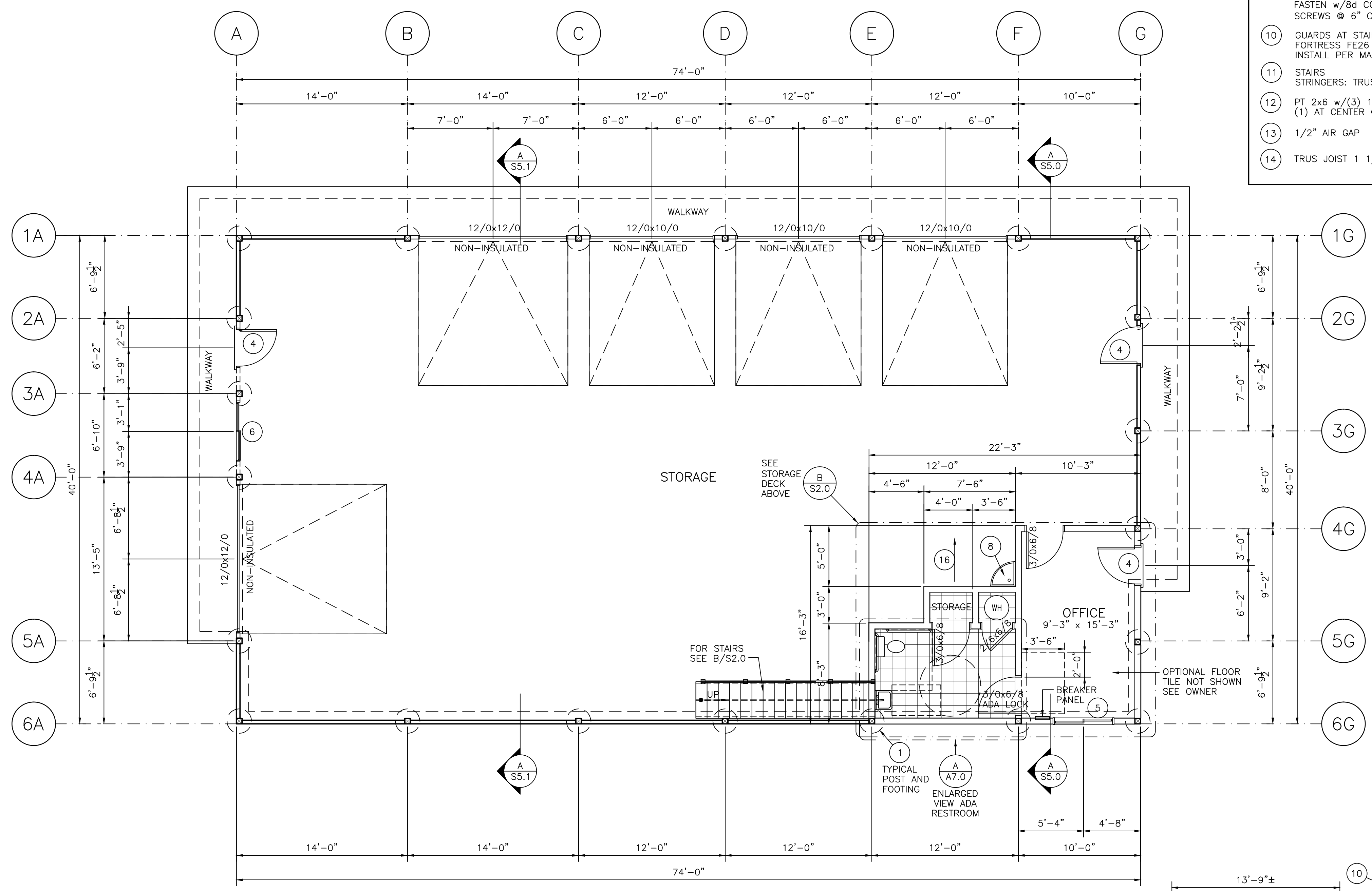
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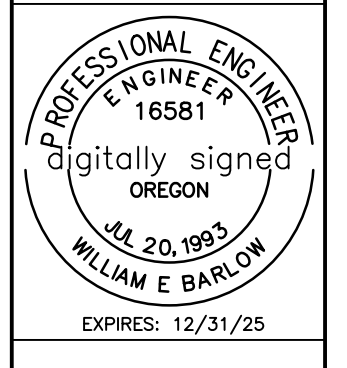
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- ### KEY NOTES
- P.T. 6x6 POST, EMBEDDED IN 2'x48" DEEP FOOTING w/REBAR CAGE SEE 1/S6.0
  - FOR CONCRETE SLAB, SEE FOUNDATION PLAN, A/S3.0
  - P.T. 2x6 SKIRT BOARD ON EDGE SEE 1/S4.0
  - COMMERCIAL STEEL DOOR 3/0x6/8 PREHLUNG w/HARDWARE SCHLAGE COMMERCIAL KEYED ALIKE ENTRY DOOR KNOB, EXTERIOR LEVER HANDLE INSIDE
  - 5'-0"x3'-0" VINYL SLIDING WINDOW
  - 5'-0"x3'-0" VINYL SLIDING WINDOW TEMPERED GLASS
  - I-JOIST I-LEVEL TRUS JOIST TJI 110x16" @ 16" OC FULL-DEPTH TJI BLOCKING EACH END OF JOISTS TYPICAL
  - FLOOR MOP SINK
  - 1 1/8" T&G APA RATED STURD-I-FLOOR APPLY ONLY ADHESIVES CONFORMING TO APA SPECIFICATION AFG-01 OR ASTM D3498 AND APPLY IN ACCORDANCE WITH THE ADHESIVE MANUFACTURER'S INSTRUCTIONS. FASTEN w/8d COMMON (2 1/2"x0.131") NAILS OR SIMPSON 2 1/2" HCKWSV212S SCREWS @ 6" OC EDGES AND 12" OC INTERMEDIATE SUPPORTS
  - GUARDS AT STAIRS AND STORAGE DECK FORTRESS FE26 PLUS STEEL RAILING TYPICAL INSTALL PER MANUFACTURER'S INSTRUCTIONS
  - STAIRS STRINGERS: TRUS JOIST 1 3/4"x14" 1.55E TIMBERSTRAND LSL
  - PT 2x6 w/(3) 1/2"x5 1/2" SIMPSON STRONG BOLTS (1) AT CENTER OF LET-IN THRUST BLOCKING & (1) 6" FROM EACH END
  - 1/2" AIR GAP
  - TRUS JOIST 1 1/8"x16" TJ RIM BOARD TYPICAL



**A NEW STORAGE POLE BUILDING**  
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**MAIN FLOOR PLAN AND STORAGE DECK AND DETAILS**



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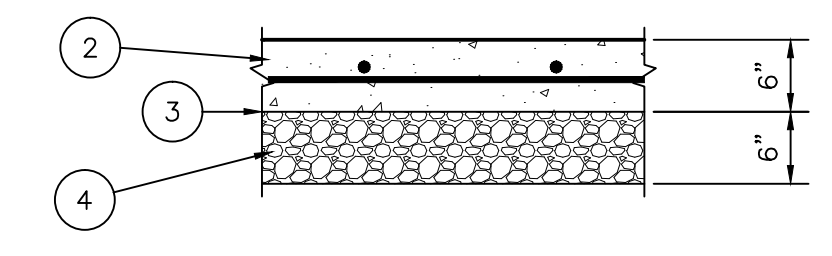
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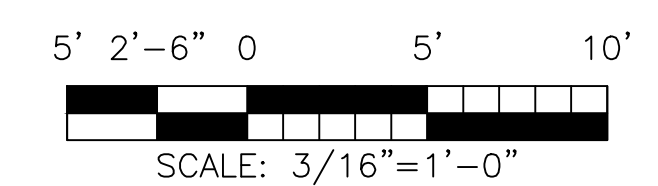
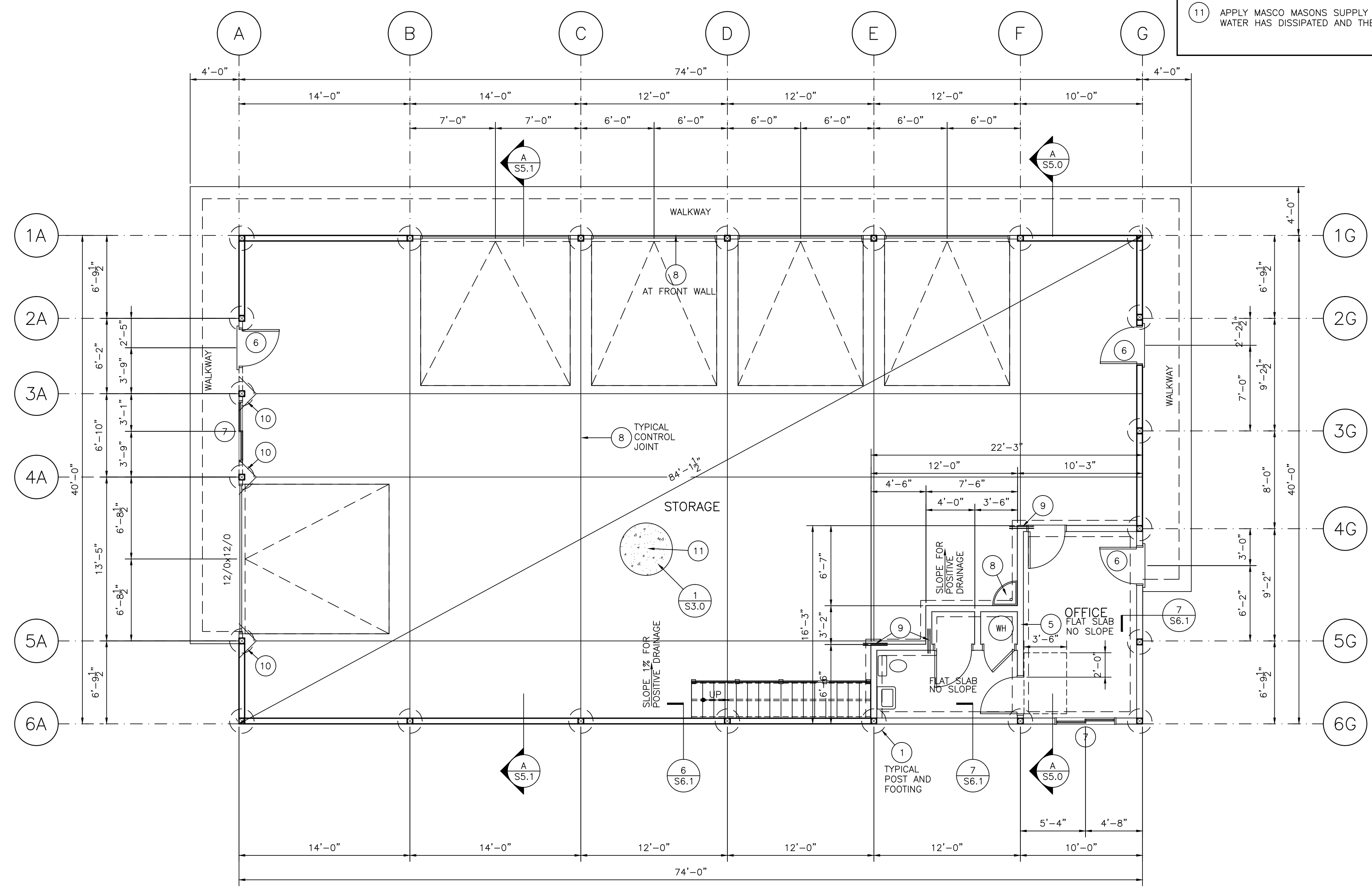
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### KEY NOTES

- 1 P.T. 6x6 POST, EMBEDDED IN 24"x48" DEEP FOOTING w/REBAR CAGE SEE 1/S6.0
- 2 CONCRETE SLAB w/#3 REBAR @ 16" OC EACH WAY, CENTERED IN SLAB ON CHAIRS OR WIRE DOBIES
- 3 6-MIL BLACK POLYETHYLENE MOISTURE BARRIER
- 4 3/4" COMPACTED GRAVEL (CRUSHED QUARRY ROCK)
- 5 INTERIOR WALL FOOTINGS CONSTRUCT 6" STEM WALL FOR CURB SEE 1/S6.1
- 6 3/0x6/8 STEEL DOOR. KEYED ALIKE WITH OTHER EXTERIOR DOORS
- 7 5/0x3/0 SLIDER. VINYL
- 8 CONTROL JOINTS SHALL BE FORMED BY SAW CUTTING, d=1.5", BY TOOLING, R=1/8" EACH SIDE OR JOINT; A JOINT WITH A GROOVING TOOL, R=1/8"; OR BY INSERTING A PLASTIC STRIP INTO THE CONCRETE DURING FINISHING (ZIP-STRIP) d=1.5".
- 9 (2) #4x24" REBAR AT END OF CONTROL JOINT (NO CONTROL JOINTS THROUGH OFFICE AREA)
- 10 24"x24" ISOLATION CONTROL JOINT
- 11 APPLY MASCO MASONS SUPPLY MASCO CURE & SEAL 1315 AS SOON AS THE SURFACE WATER HAS DISSIPATED AND THE CONCRETE HAS BEEN FINISHED.

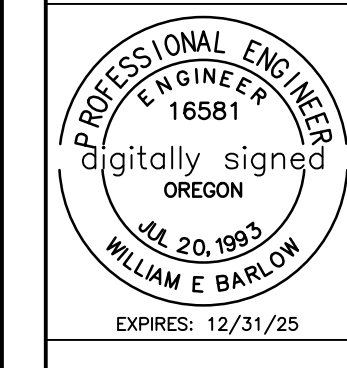


1 DETAIL  
NOT TO SCALE



A FOUNDATION PLAN  
SCALE: 3/16"=1'-0"

**A NEW STORAGE POLE BUILDING**  
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**FOUNDATION PLAN**



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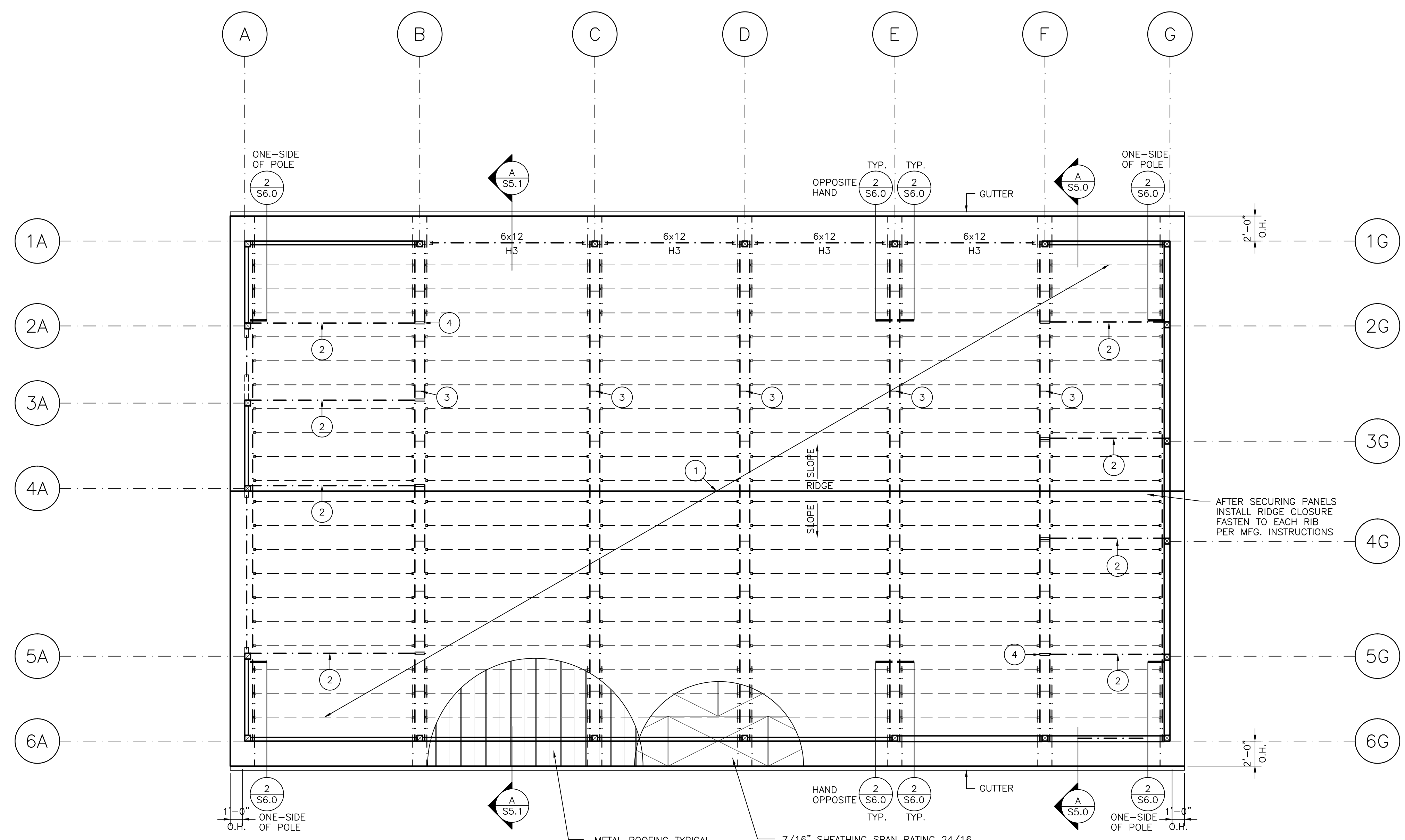
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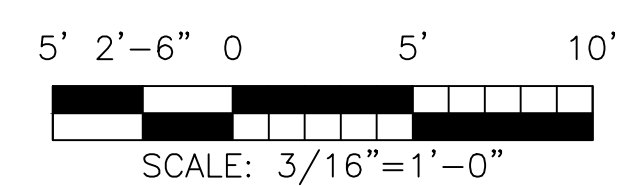
KEY NOTES

- 1 2x10 PURLINS @ 24" OC w/SIMPSON HU210TF EACH END TYPICAL SEE 5/S6.0
- 2 BRACE SEE 8/S6.0
- 3 2x10 BLOCKING @ 48" OC TYPICAL AT TRUSS PAIRS SEE 5/S6.0
- 4 (2) 2x10 BLOCKING @ BRACE. TYPICAL



METAL ROOFING TYPICAL  
26 GAUGE, 36" PRB PANEL  
OVER VAPOR BARRIER  
OVER SHEATHING  
INSTALL METAL  
ROOFING & TRIM PER MFG.  
COORDINATE COLOR  
WITH OWNER

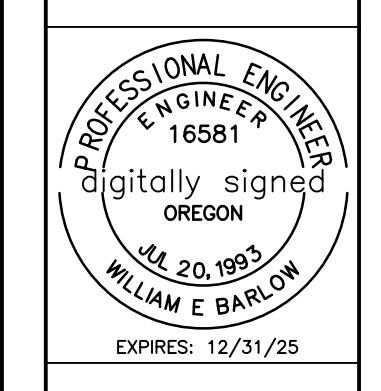
7/16" SHEATHING SPAN RATING 24/16  
8d GALV. COMMON (2 1/2"x0.131")  
NAILS OR SIMPSON 2 1/2"  
HCKWSV212S SCREWS @ 6" OC @  
EDGES & 12" OC INTERMEDIATE  
SUPPORTS TYPICAL AT ROOF



**A** ROOF FRAMING PLAN  
SCALE: 3/16"=1'-0"

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**ROOF FRAMING PLAN**



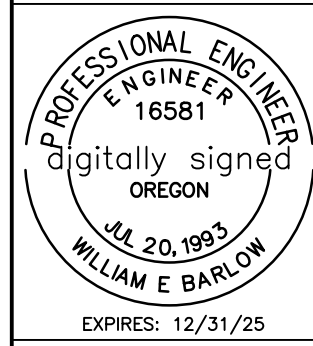
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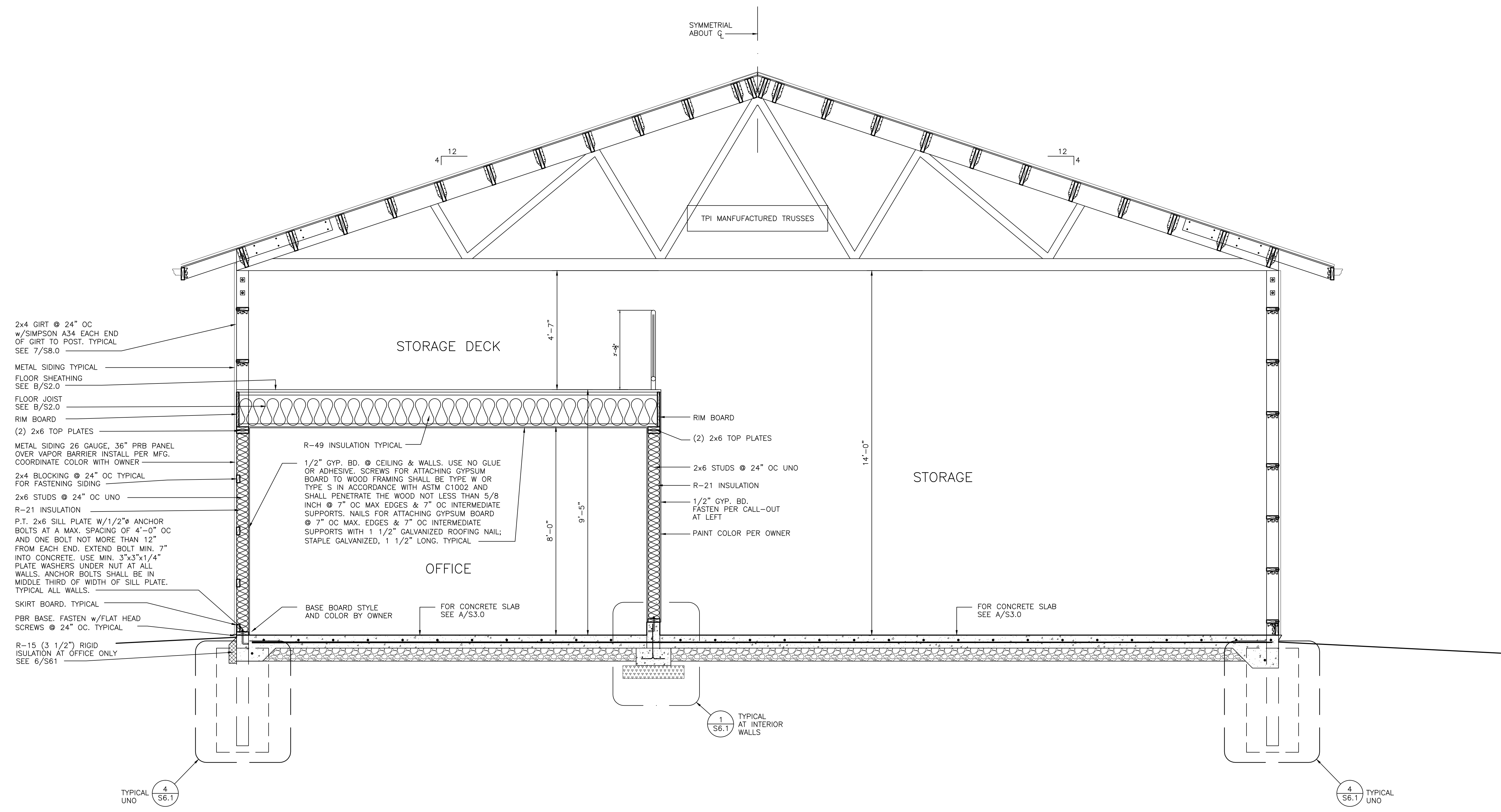
**A NEW STORAGE POLE BUILDING**  
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**TRANSVERSE SECTION**



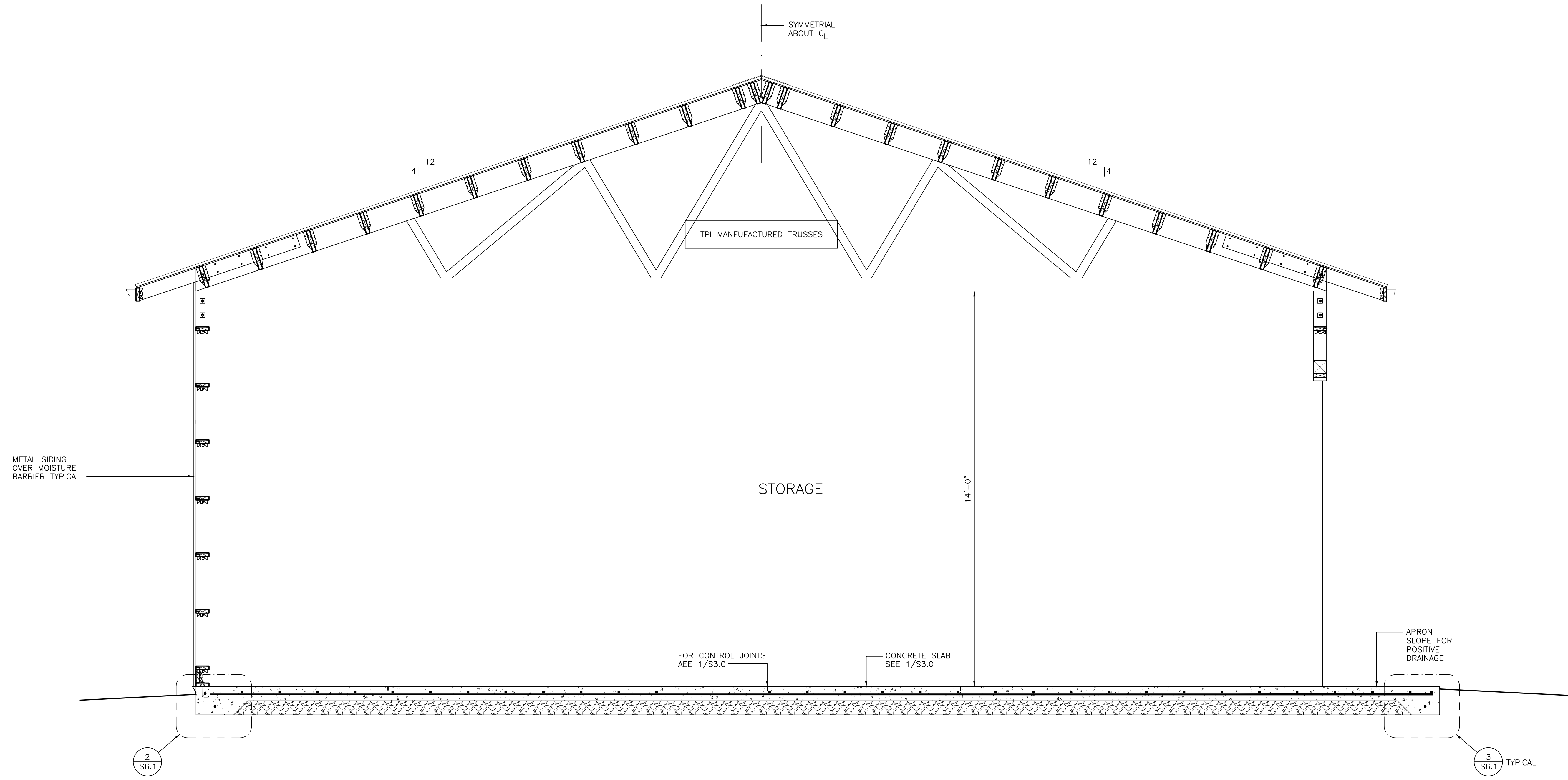
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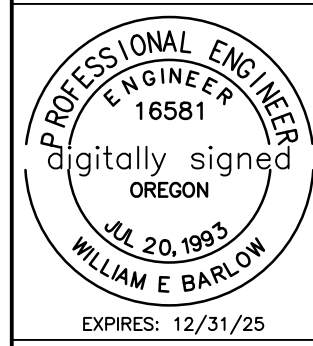
A **TRANSVERSE SECTION**  
 SCALE: 1/2"=1'-0"



**A** TRANSVERSE SECTION  
SCALE: 1/2"=1'-0"

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TRANSVERSE SECTION



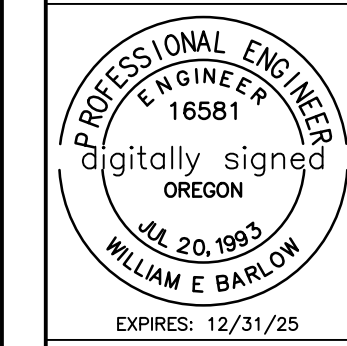
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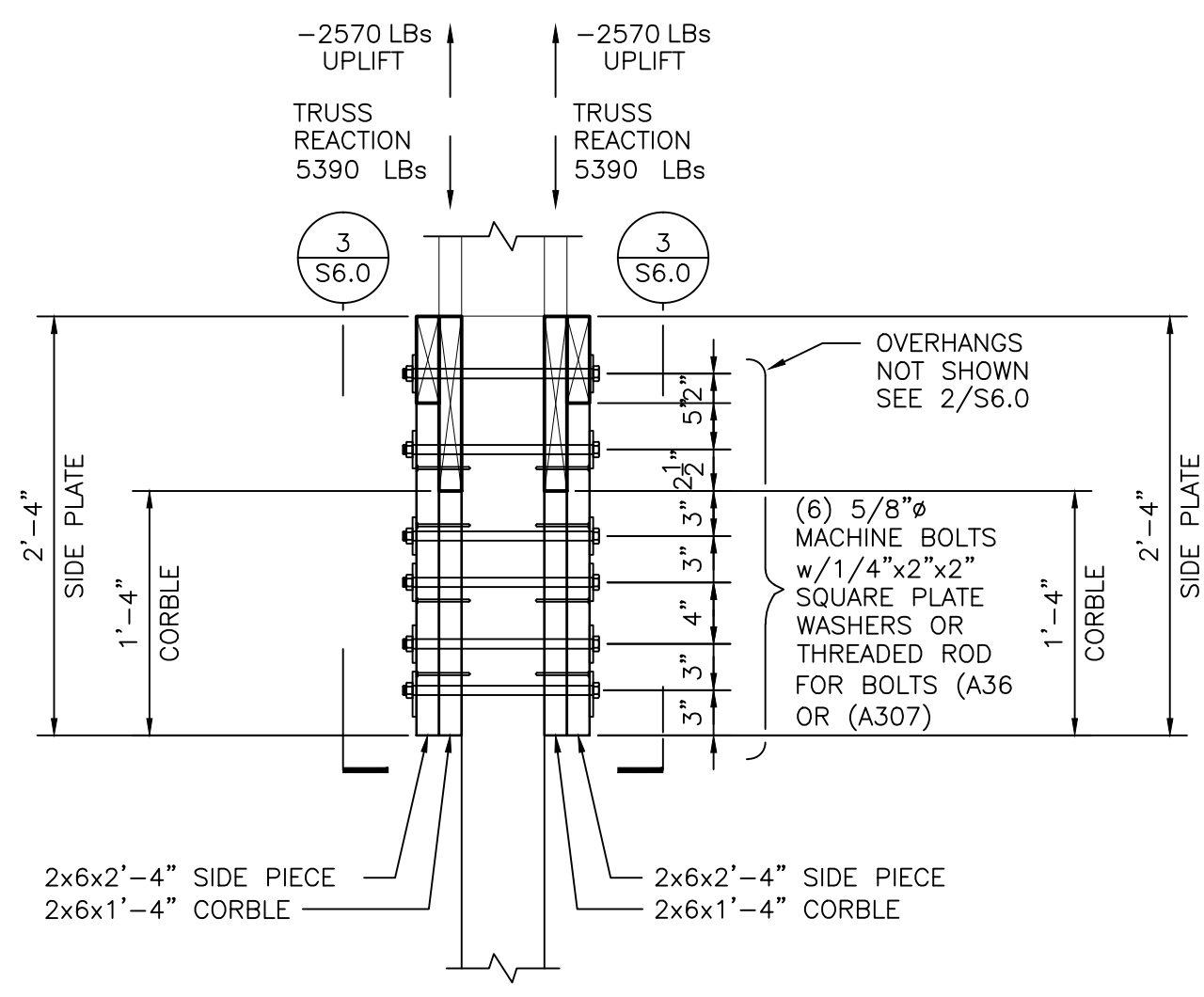
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**DETAILS**



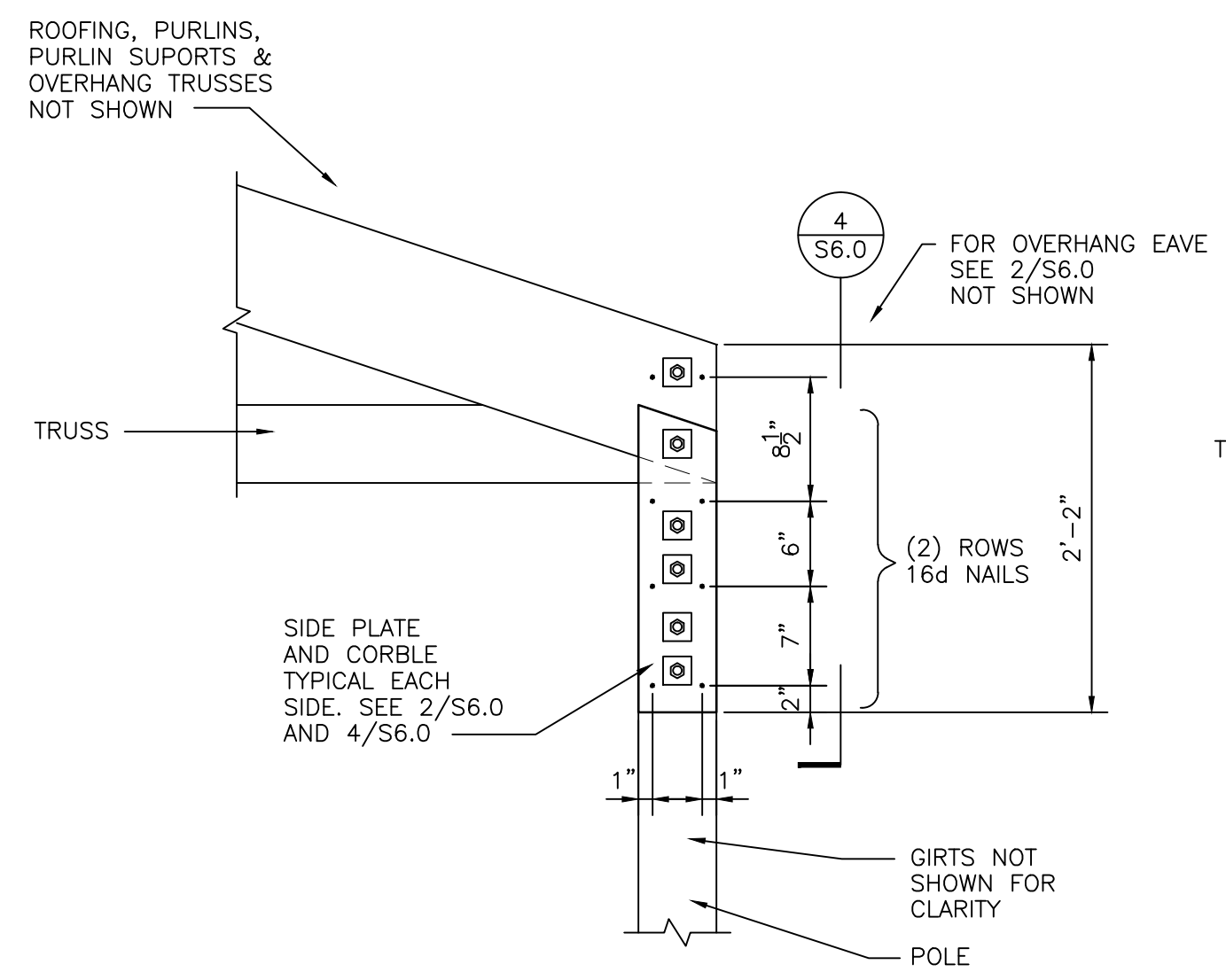
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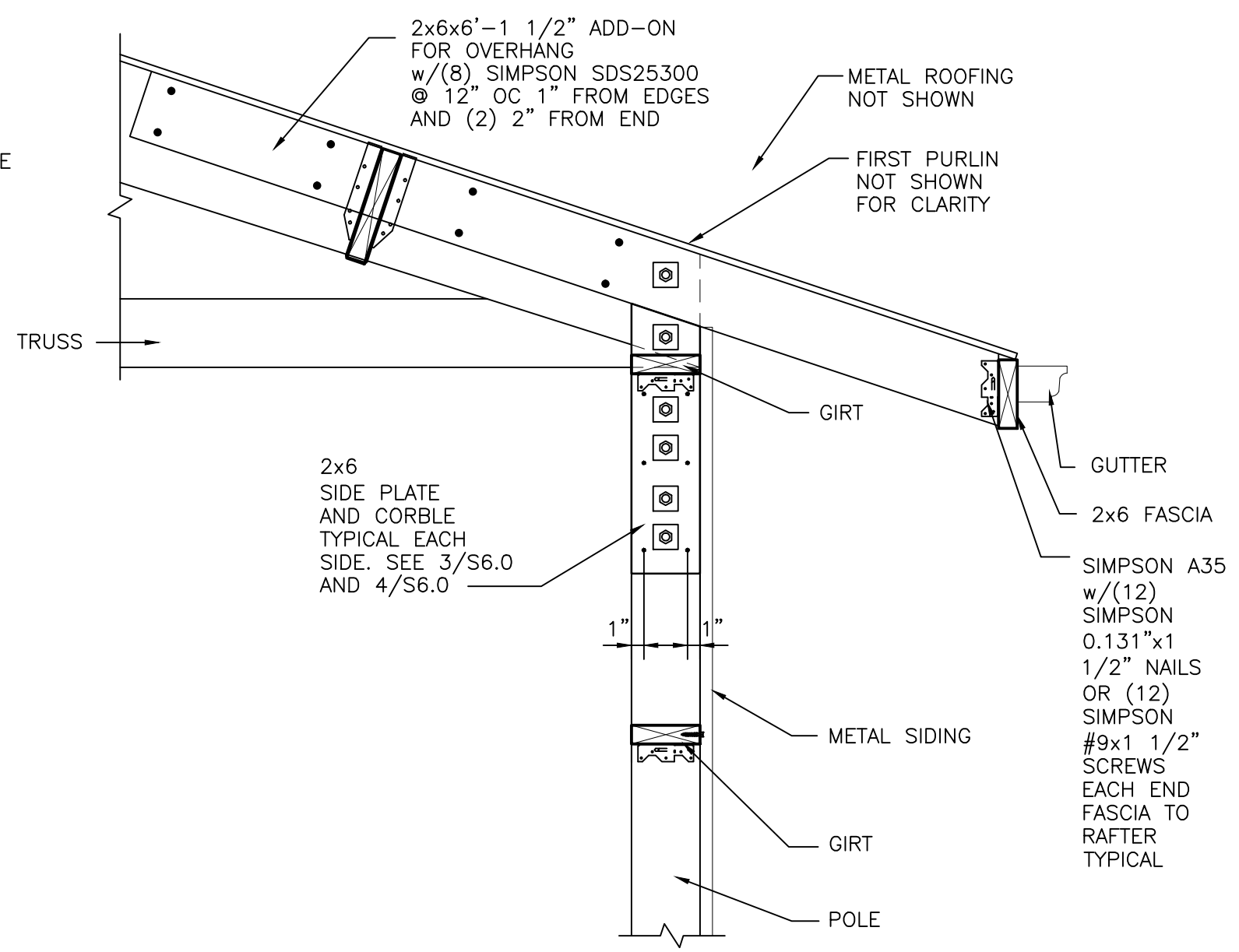
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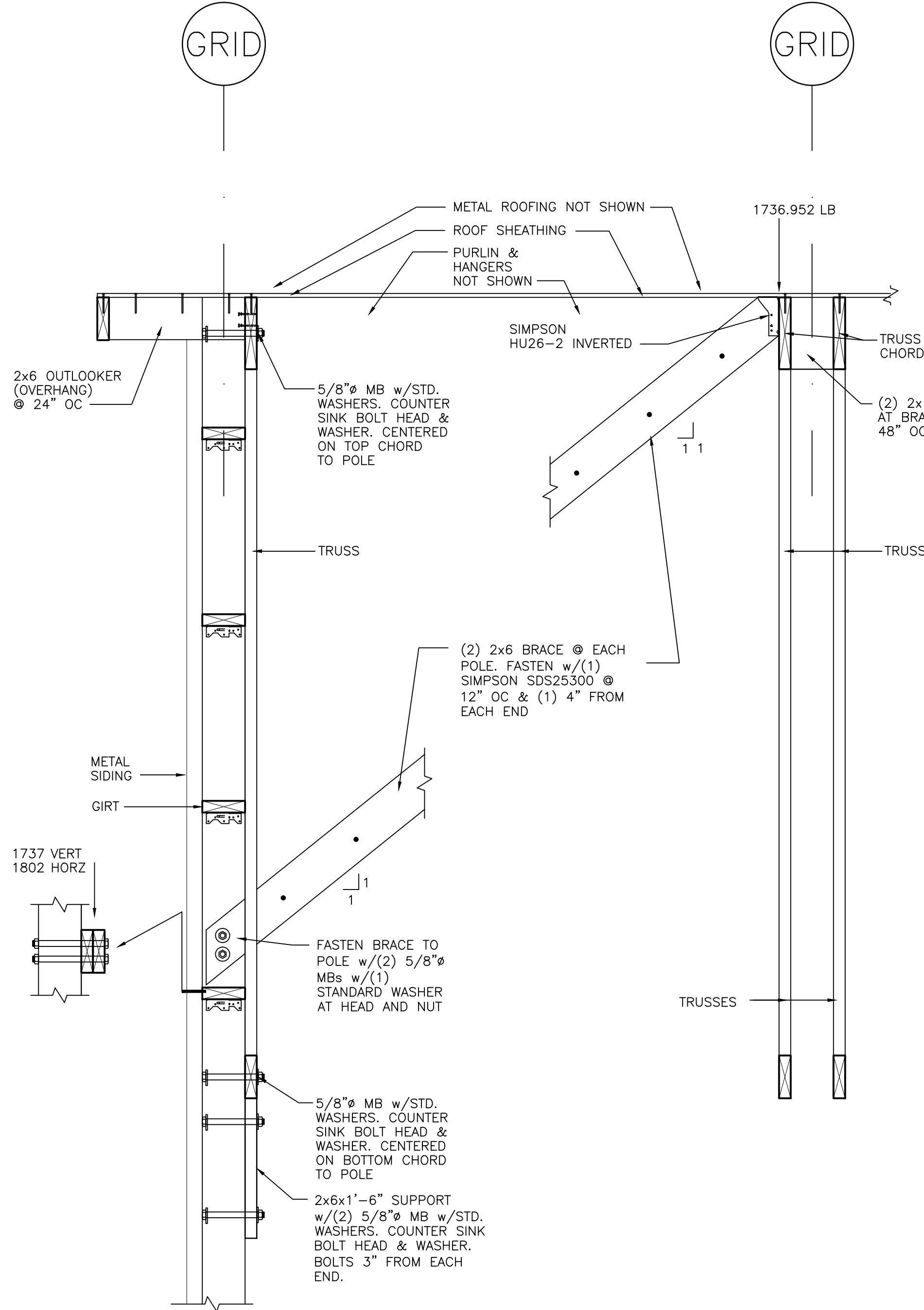
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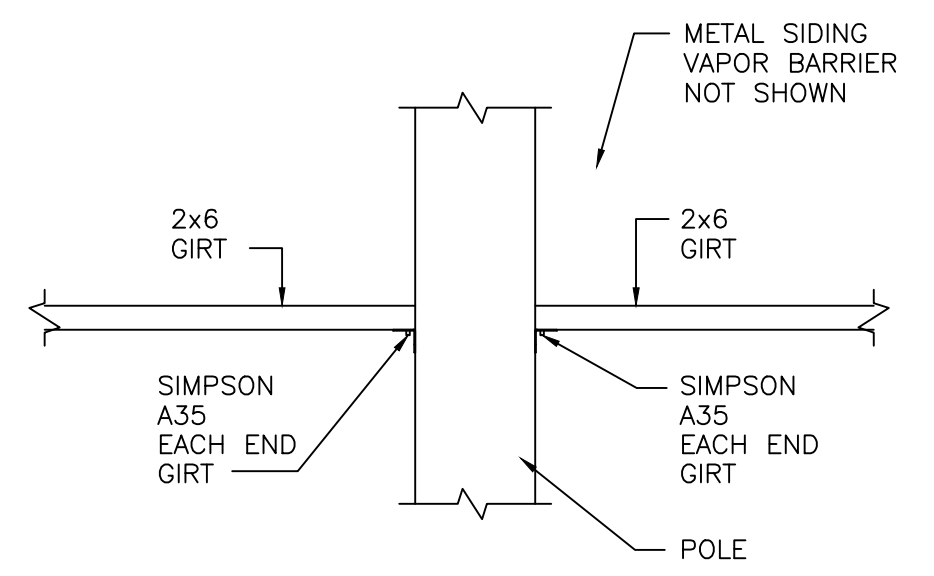
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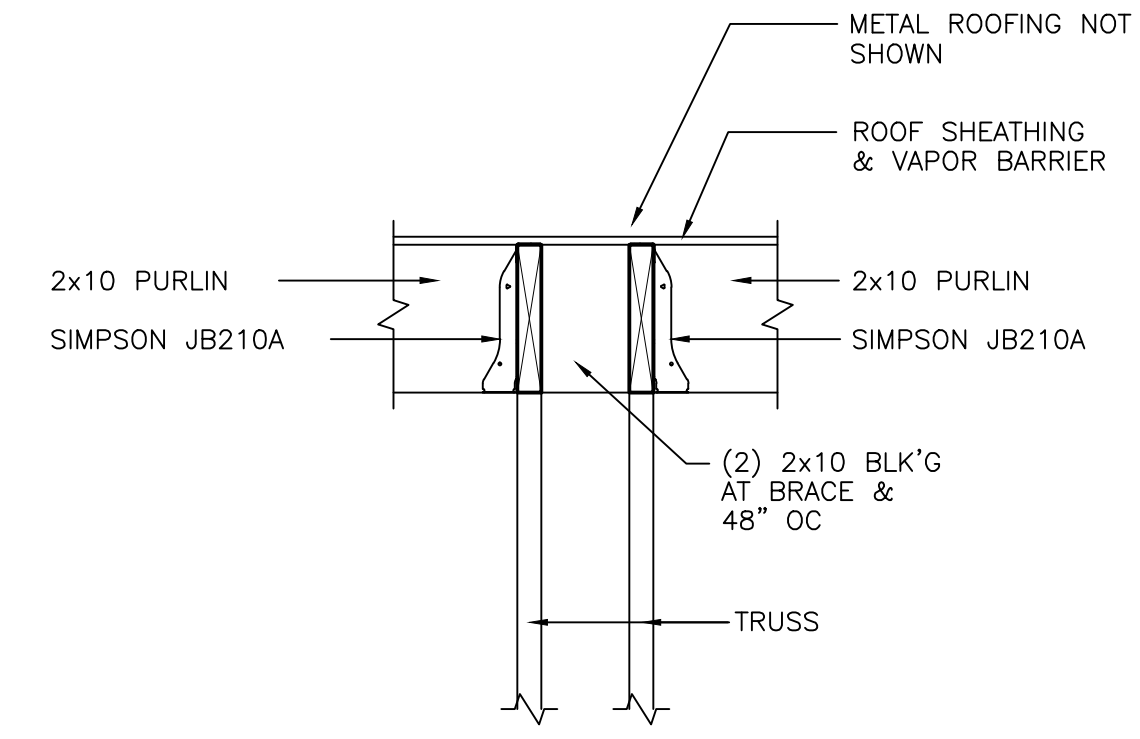
**2** DETAIL  
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**8** BRACE  
SCALE: 1"=1'-0"



**6** DETAIL  
SCALE: 1"=1'-0"

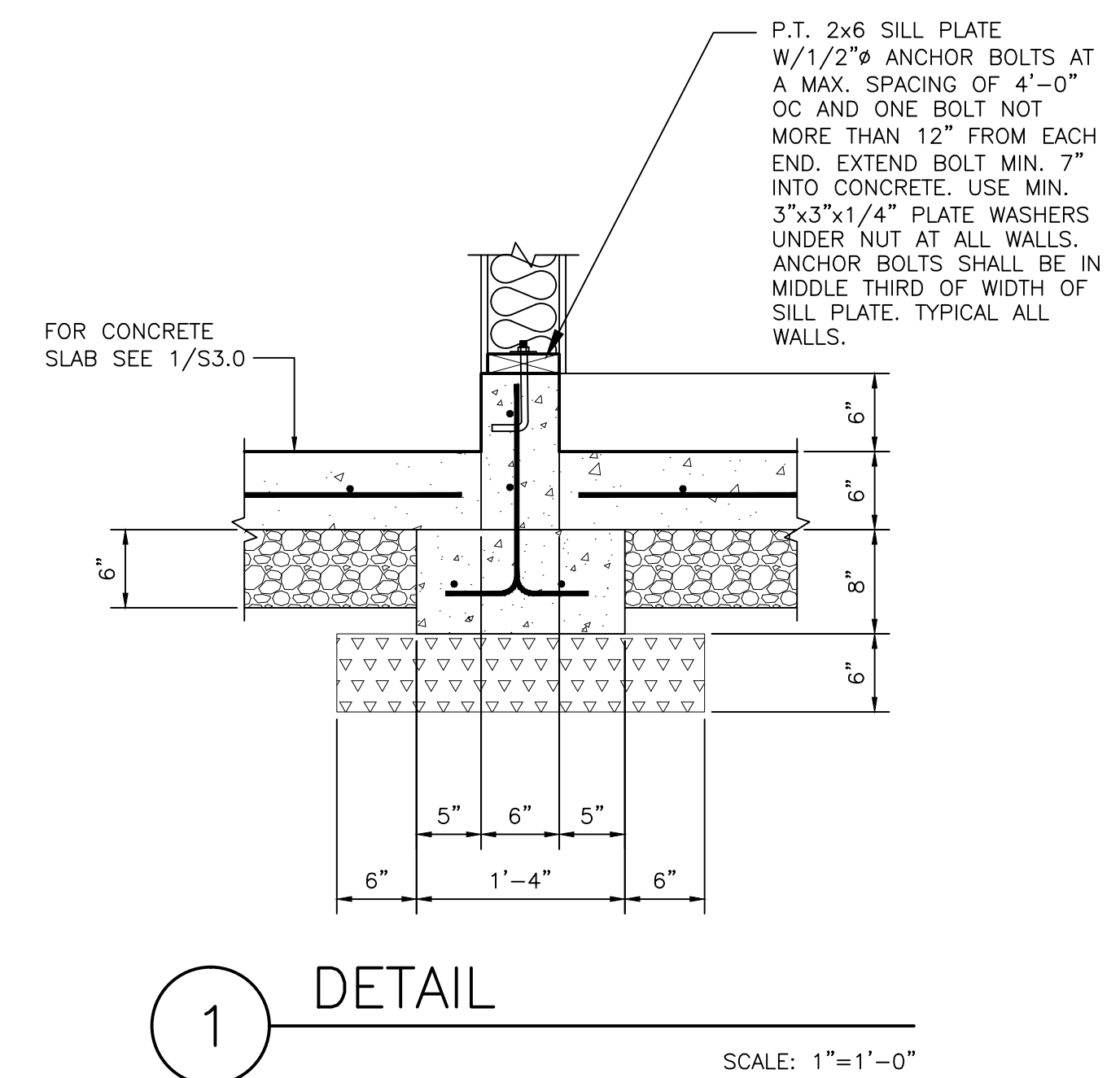
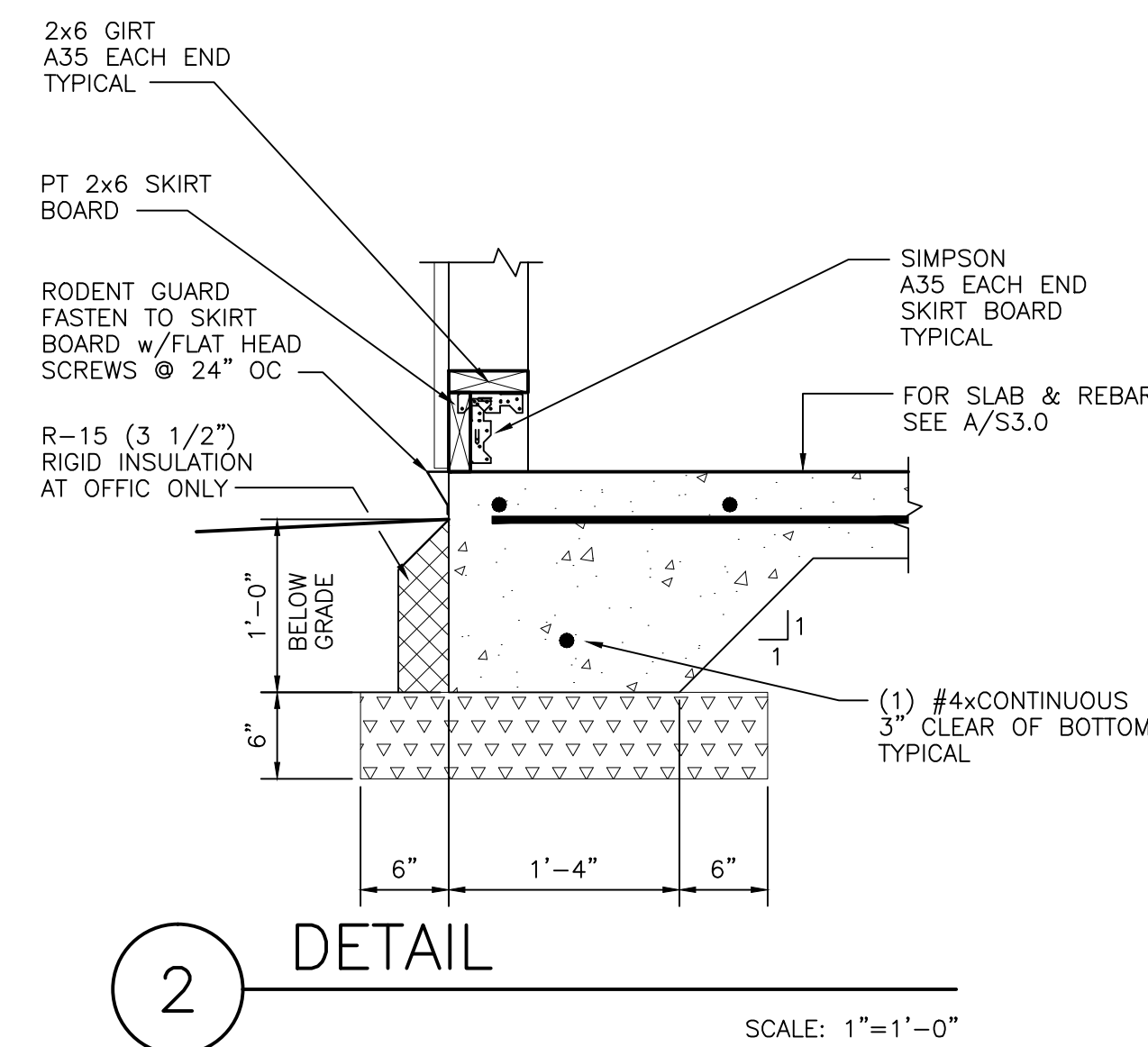
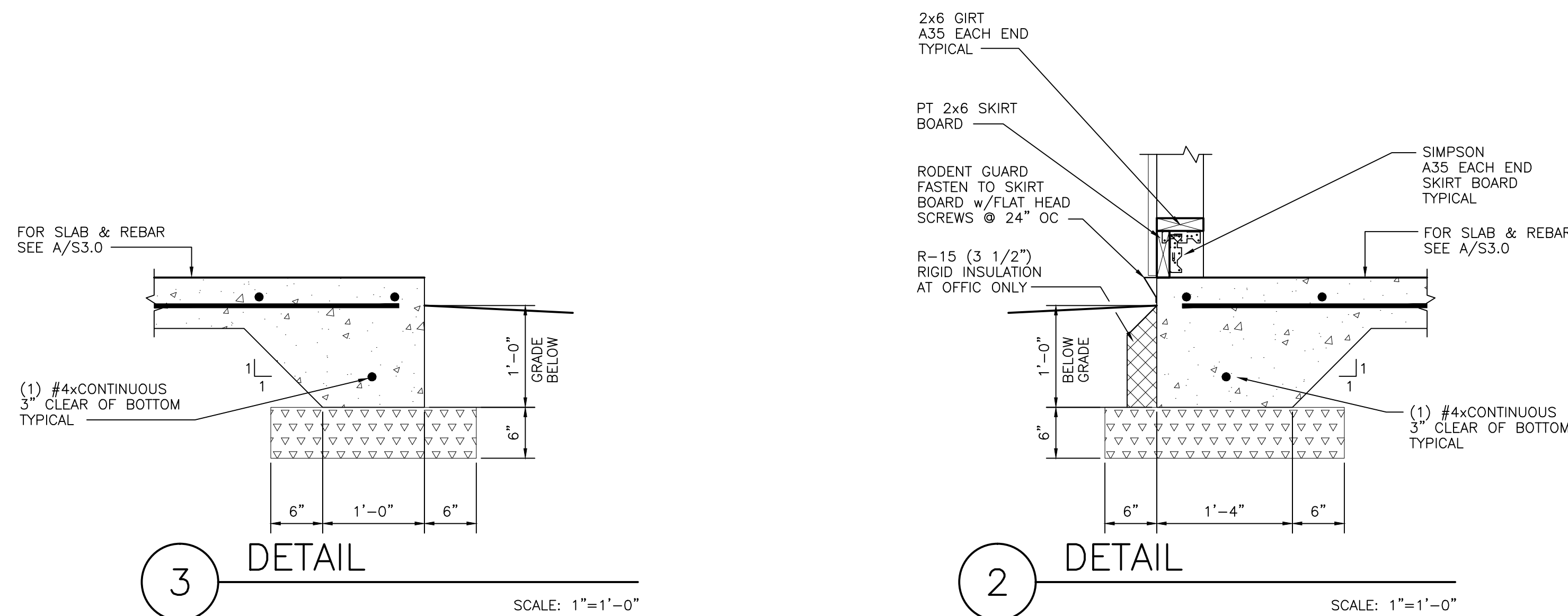
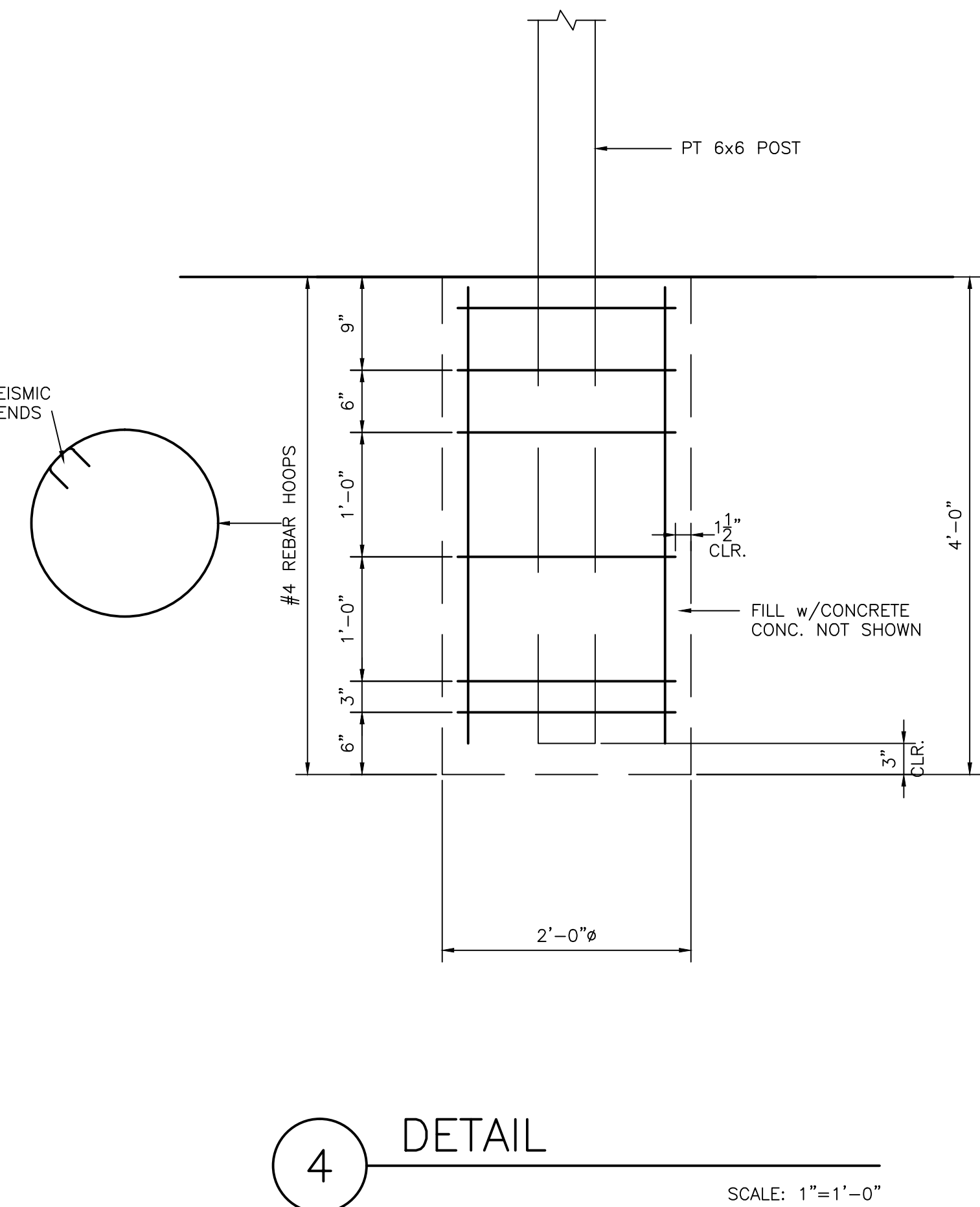
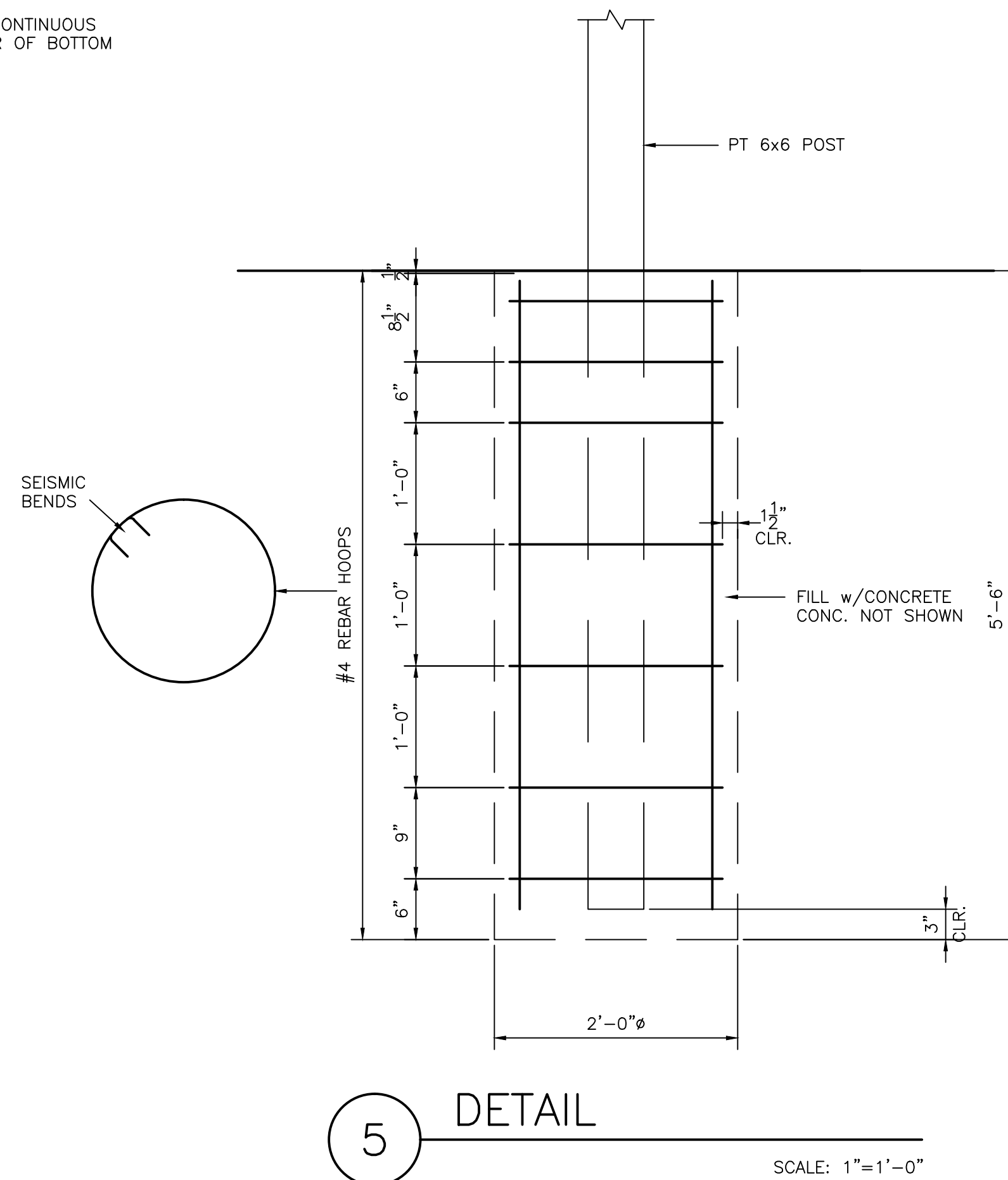
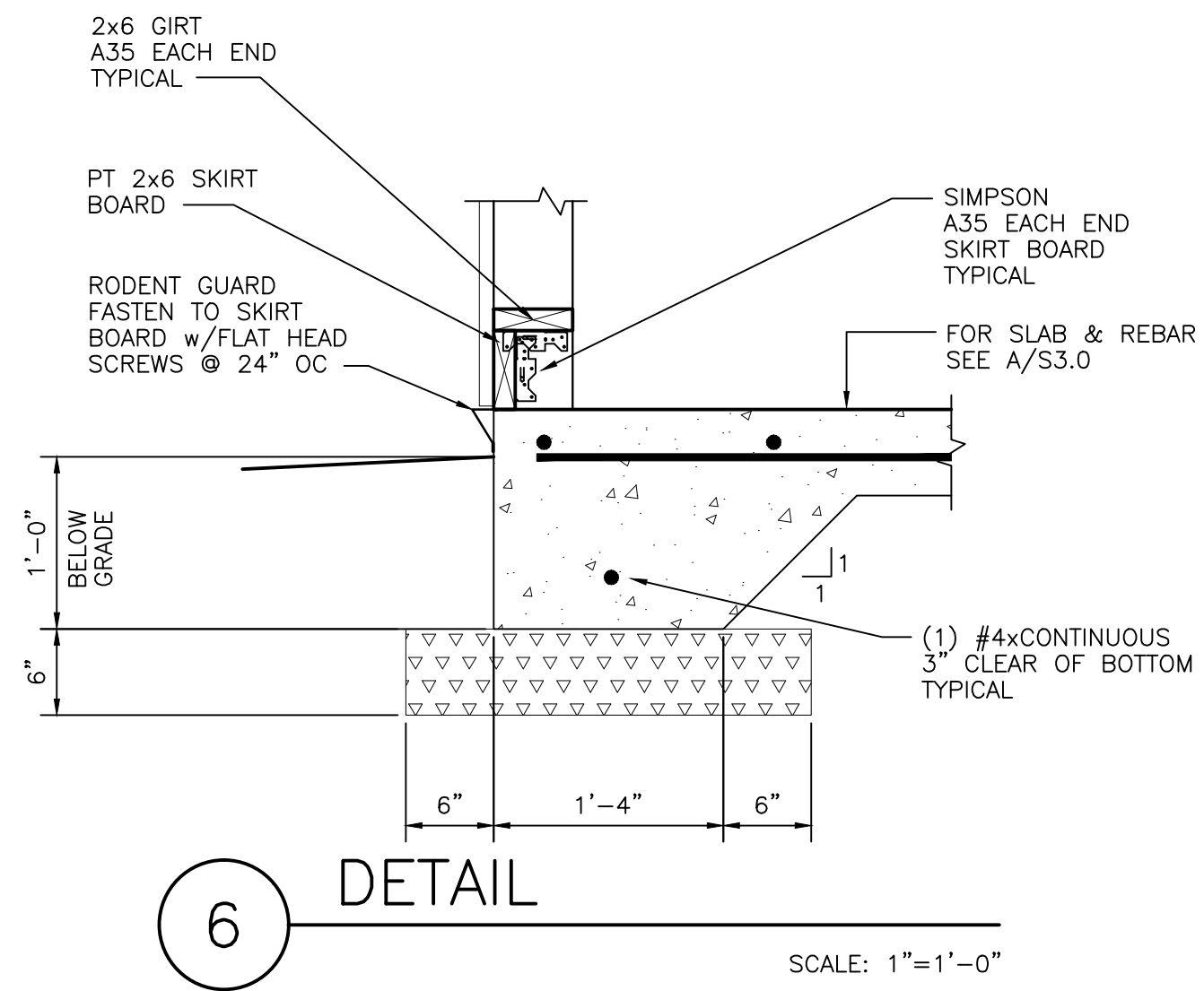
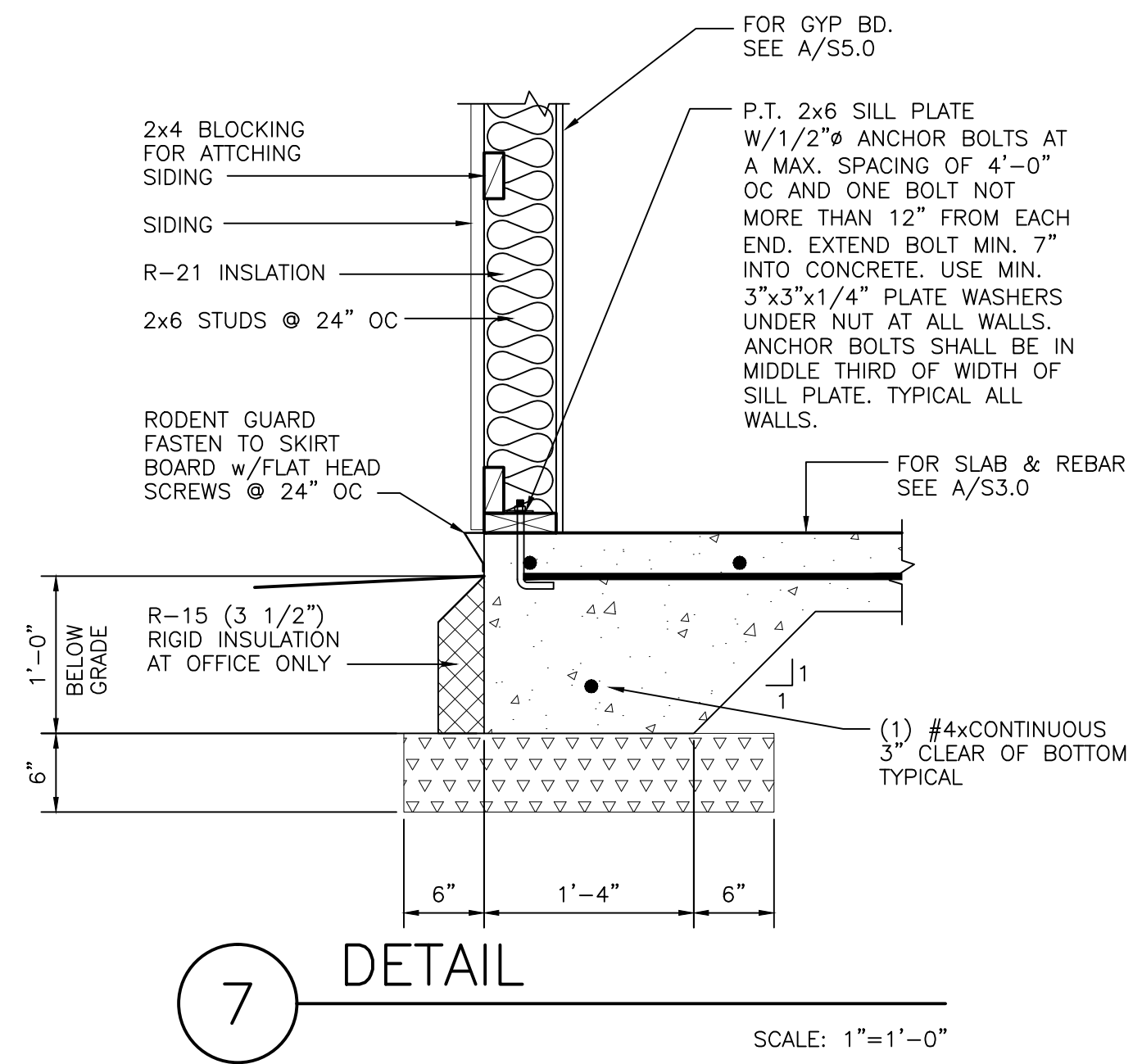


**5** DETAIL  
SCALE: 1"=1'-0"

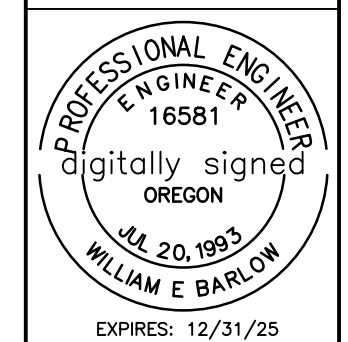
**7** NOT USED  
SCALE: 1"=1'-0"

**1** NOT USED  
SCALE: 1"=1'-0"

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**A NEW STORAGE POLE BUILDING**  
 110 SW 53rd ST  
 CORVALLIS, OR 97333  
 DETAILS



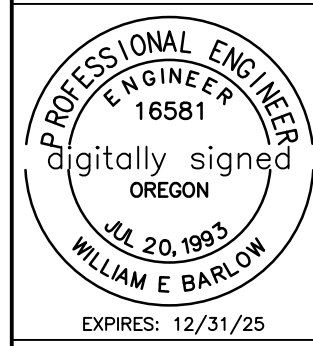
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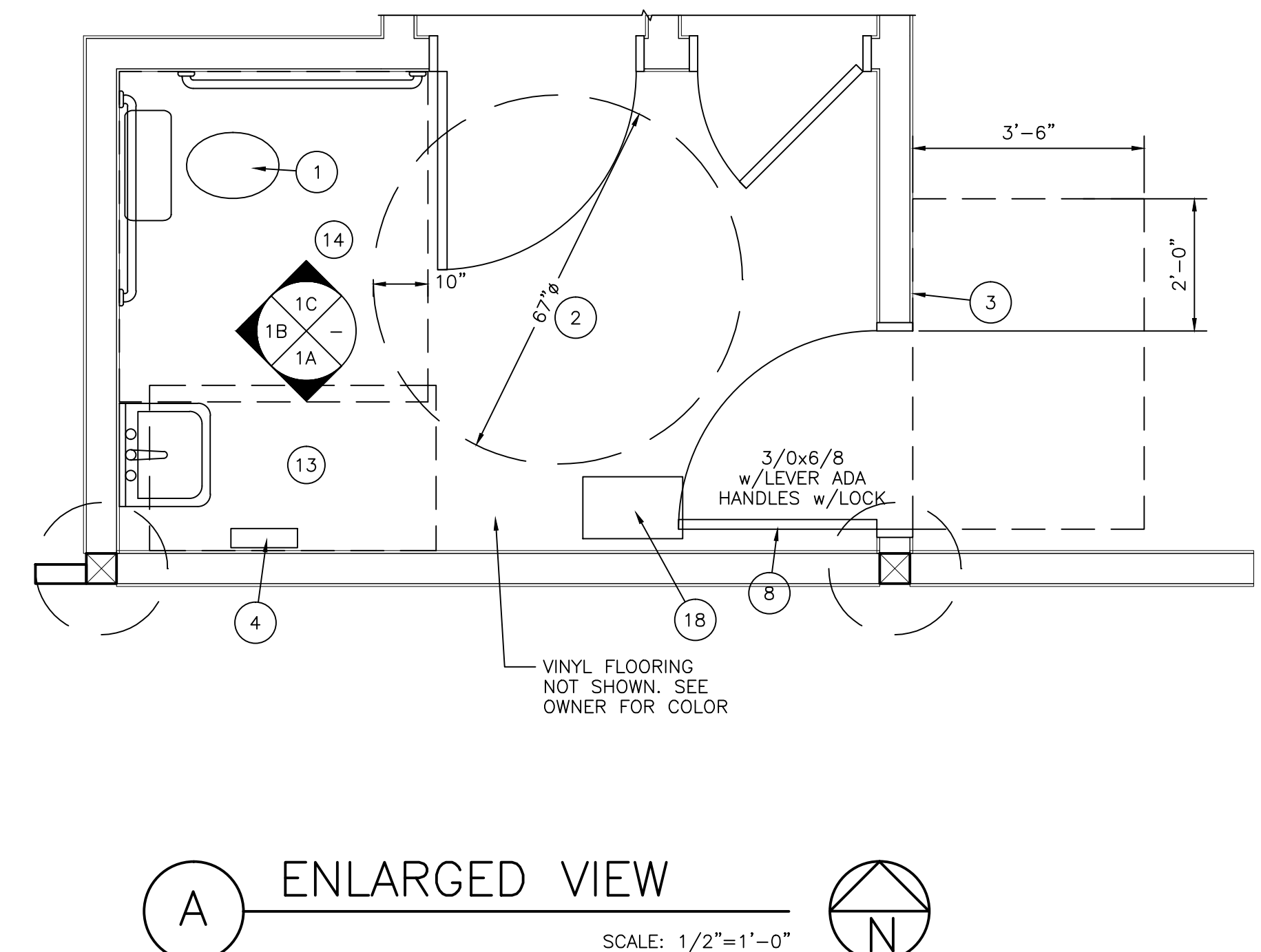
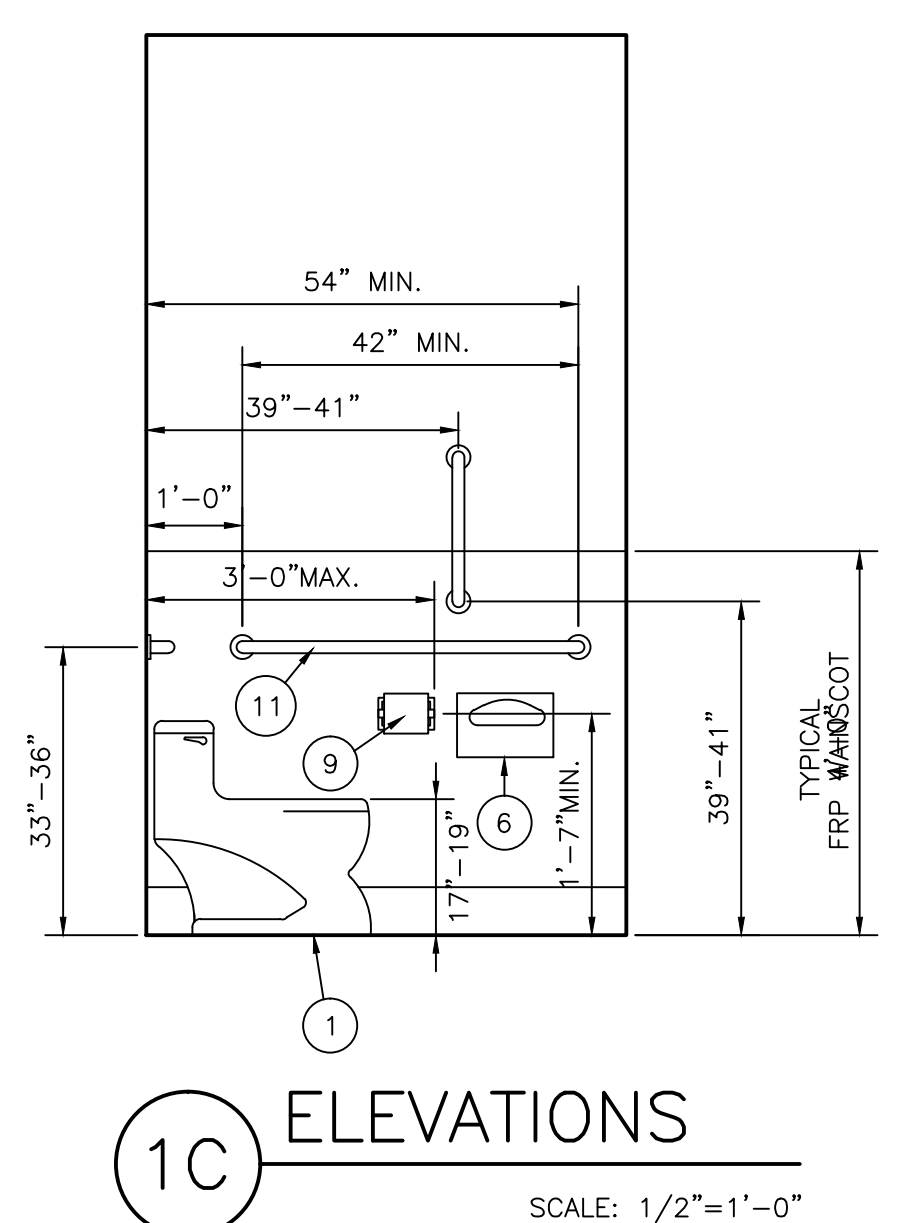
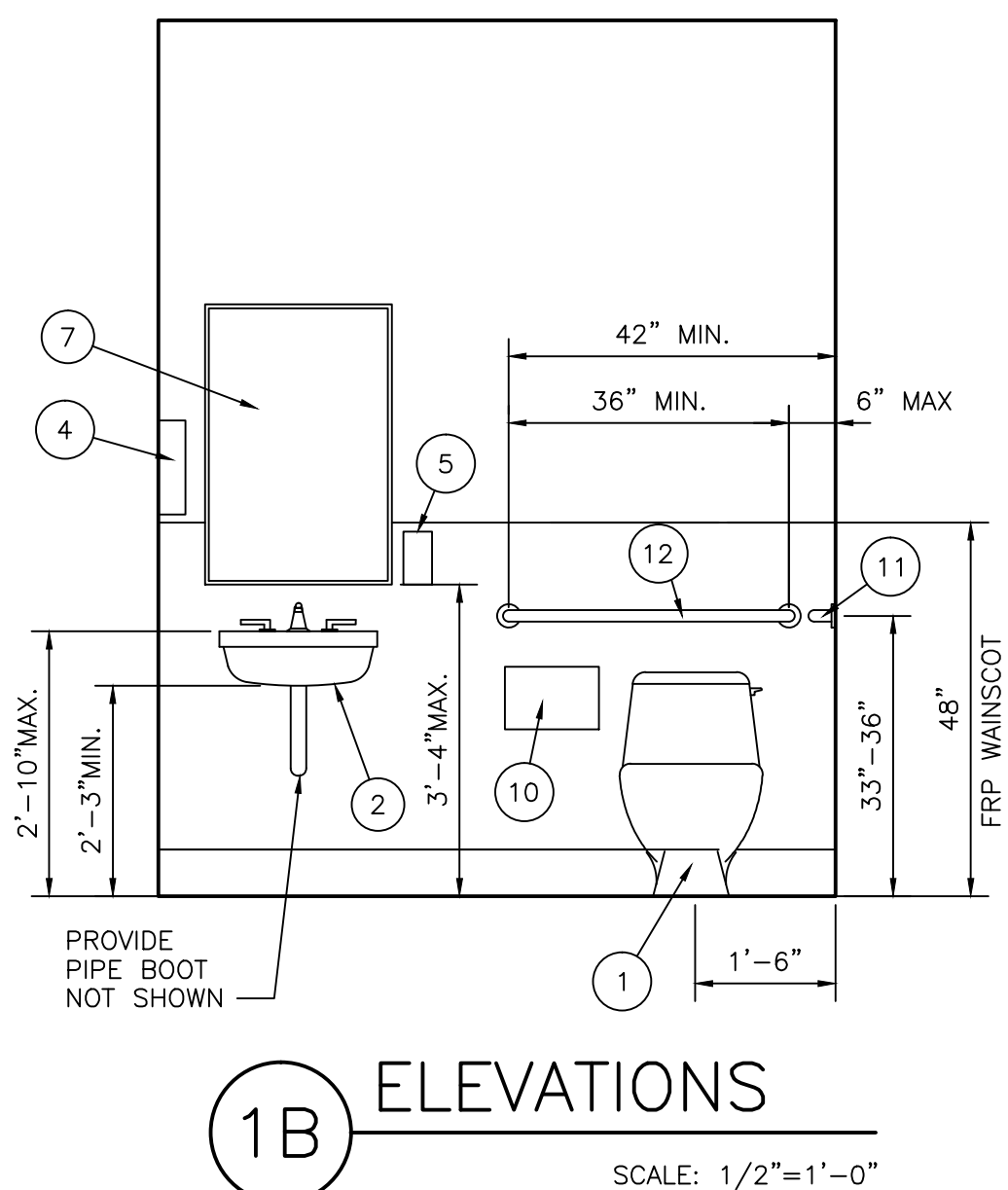
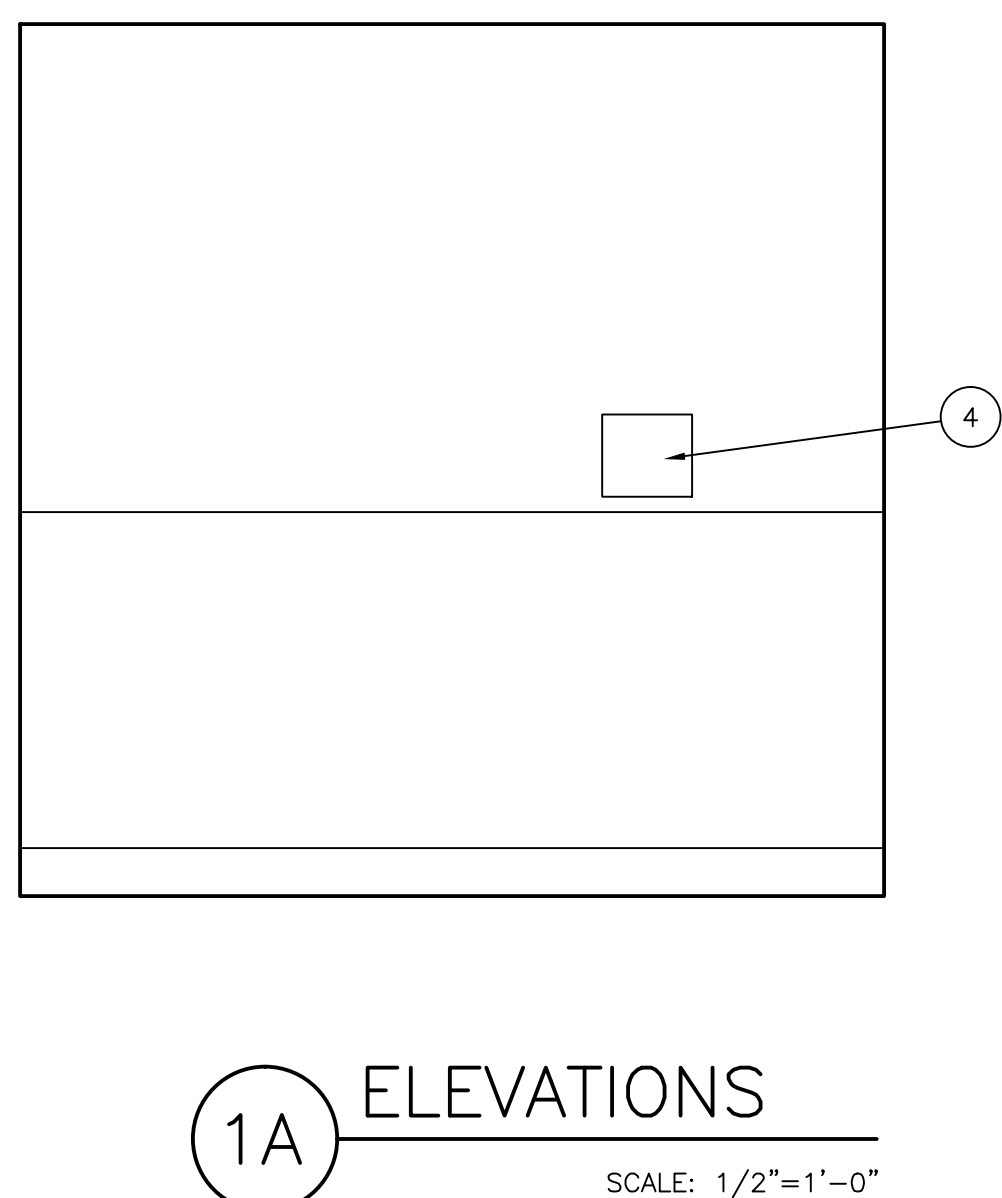
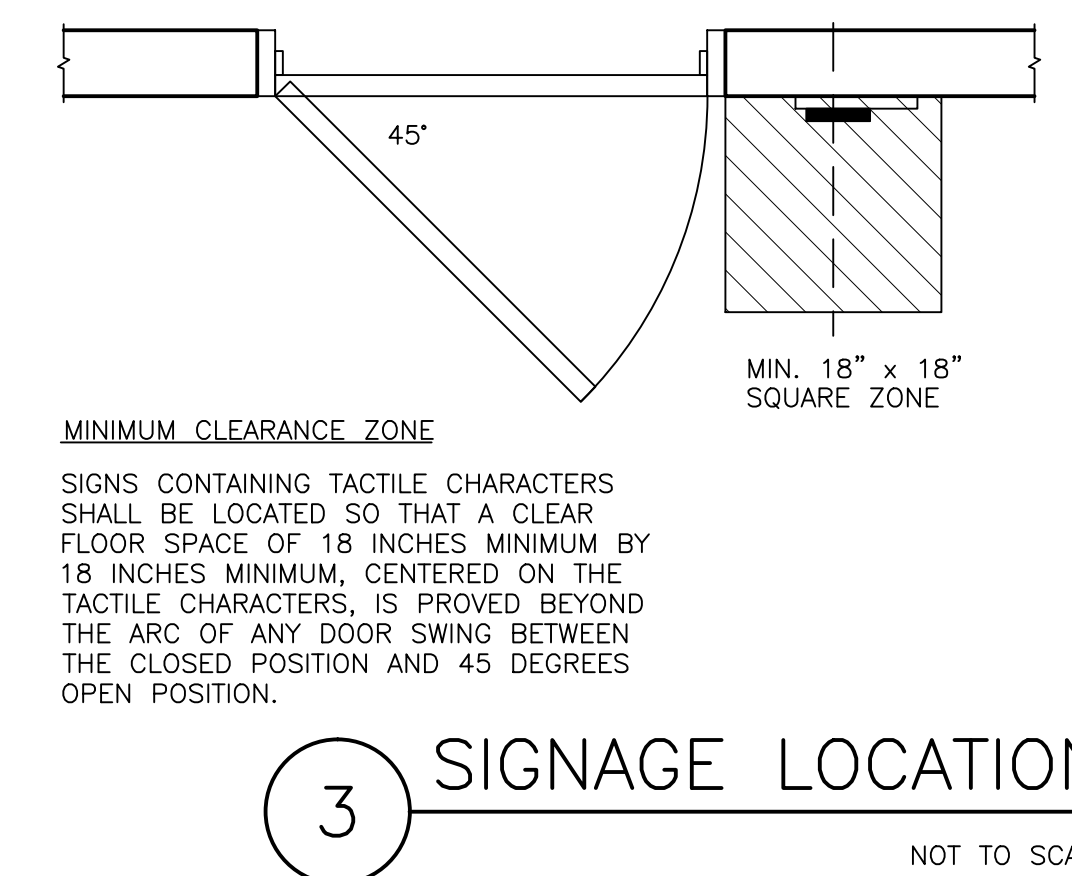
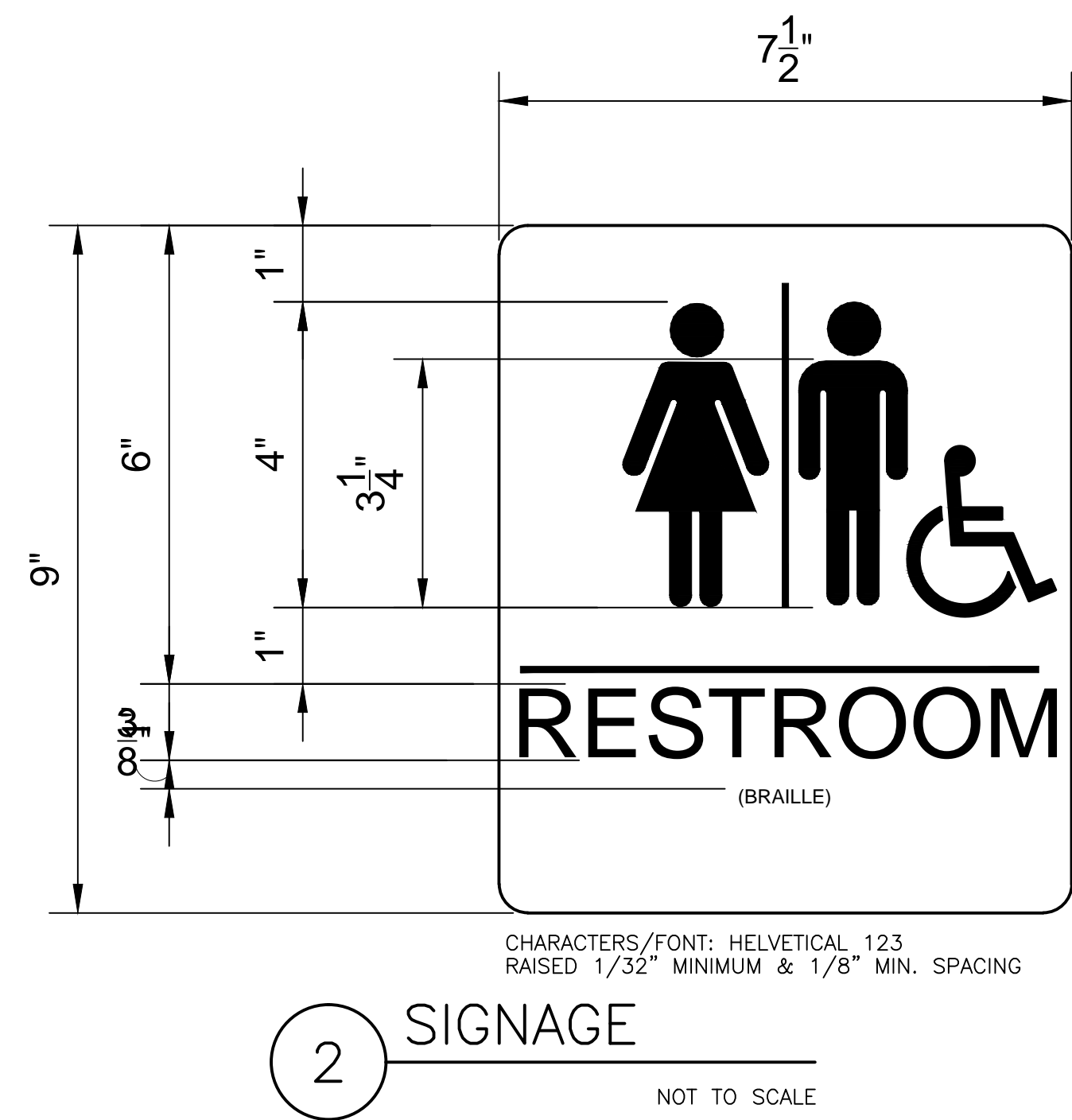
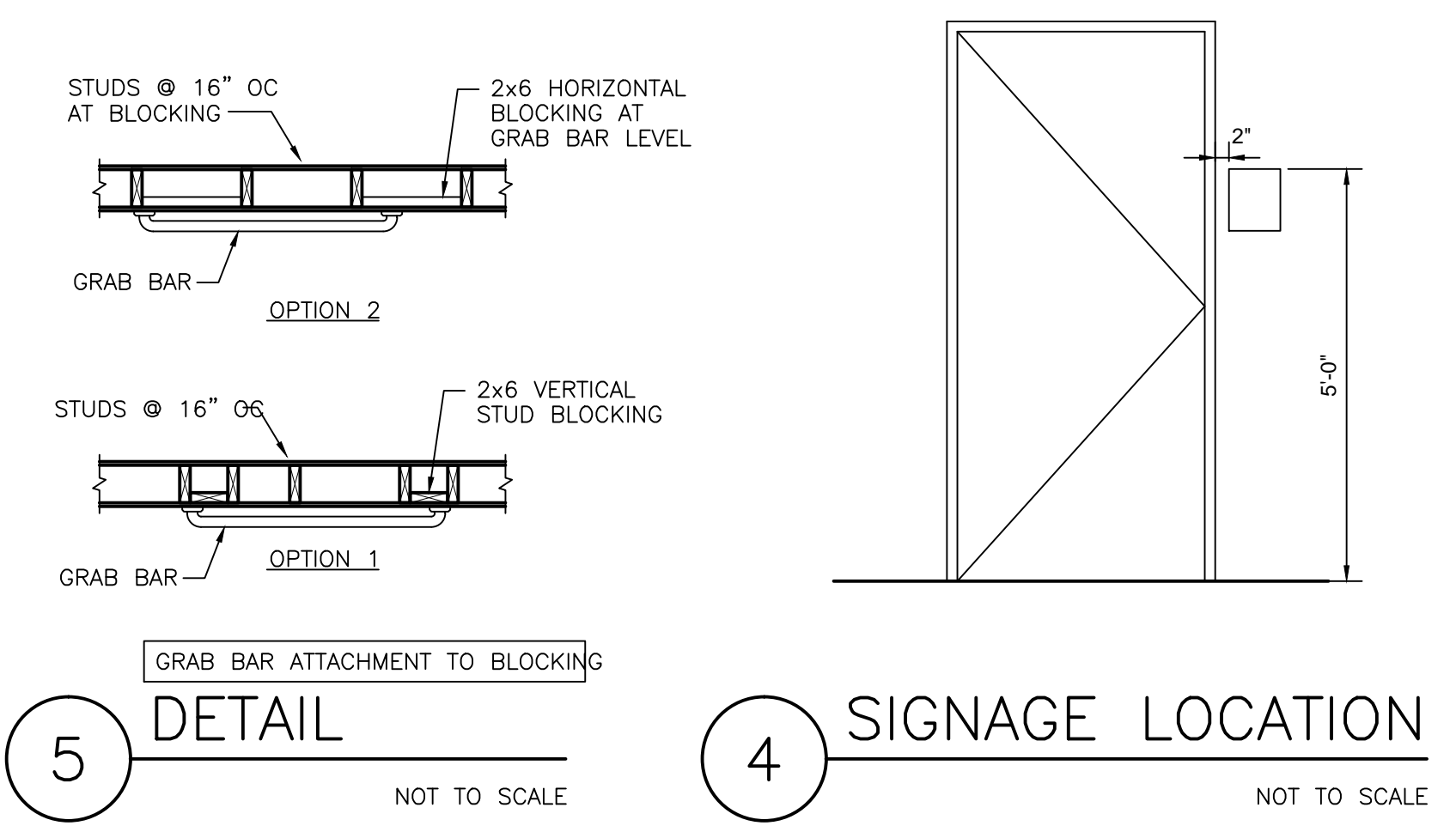
**A NEW STORAGE POLE BUILDING**  
 110 SW 53rd ST  
 CORVALLIS, OR 97333  
**ENLARGED RESTROOM PLAN**



**CIVIL ENGINEERING DESIGN**  
 Design for the Human Environment  
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DATE 1.17.2024  
 SCALE AS SHOWN  
 DRAWN WEB  
 SHEET S7.0

- | RESTROOM KEY NOTES |  |
|--------------------|--|
| 1                  | WATER CLOSET ADA APPROVED (WALL HUNG OR FLOOR MOUNTED)   |
| 2                  | 67" RADIUS CIRCULAR TURNING SPACE  |
| 3                  | SIGNAGE SEE 2, 3, &4/S7.0  |
| 4                  | TOWEL DISPENSER  |
| 5                  | SOAP DISPENSER   |
| 6                  | SEAT COVER DISPENSER   |
| 7                  | MIRROR   |
| 8                  | COAT HOOK NOT HIGHER THAN 48" ABOVE FLOOR.   |
| 9                  | TOILET PAPER HOLDER  |
| 10                 | SANITARY NAPKIN WASTE RECEPTACLE   |
| 11                 | 42" GRAB BAR FOR ATTACHMENT SEE 5/A7.0   |
| 12                 | 36" GRAB BAR FOR ATTACHMENT SEE 5/A7.0   |
| 13                 | 30"x52" CLEAR SPACE  |
| 14                 | 60"x56" CLEAR SPACE  |
| 15                 | FOR EXHAUST FAN & LIGHTS SEE ELECTRICAL  |
| 18                 | TRASH RECEPTACLE   |
| 19                 | FLOOR FINISH MATERIAL SHALL HAVE A SMOOTH, HARD NONABSORBENT SURFACE. THE INTERSECTION OF FLOORS AND WALLS SMOOTH, HARD, NONABSORBENT VERTICAL BASE THAT EXTENDS UPWARD ONTO THE WALLS NOT LESS THAN 4 INCHES. |
- 
- | GENERAL NOTES |   |
|---------------|---|
| 1.            | COORDINATE BRAND/MANUFACTURER OF TOILET ROOM PRODUCTS INCLUDING ACCESSORIES AND FLOORING WITH PROJECT MANAGER |
| 2.            | FOR PAINT AND COLOR SEE PROJECT MANAGER   |



REVISIONS	BY

### CODE REVIEW DATA

CODE REVIEW	
1.	2014 OREGON STRUCTURAL SPECIALTY CODE
2.	2010 OREGON ENERGY EFFICIENCY SPECIALTY CODE
3.	MECHANICAL, ELECTRICAL, PLUMBING, COMMUNICATIONS, SECURITY, ETC., BY OTHERS

BUILDING INFORMATION	
OCCUPANCY	B AND S-1
CONSTRUCTION TYPE	V, B
AUTOMATIC SPRINKLER	NOT REQUIRED
BUILDING HEIGHT	EXISTING: 18'-0" ROOF MEAN HEIGHT
NUMBER OF STORIES	1

GROUP B: NO FIRE ALARM OR DETECTION SYSTEM REQUIRED (2014 OFC: 907.2.7)  
 NO AUTOMATIC SPRINKLER SYSTEM REQUIRED (2014 OFC: 903)  
 GROUP S-1: NO FIRE ALARM OR DETECTION SYSTEM REQUIRED (2014 OFC: 907)  
 NO AUTOMATIC SPRINKLER SYSTEM REQUIRED (2014 OFC: 903.2.9)

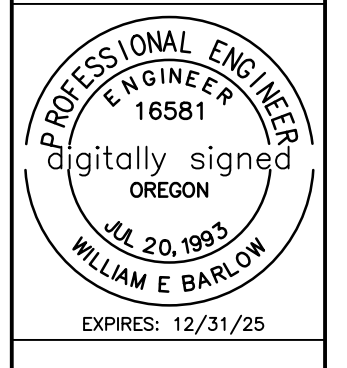
BUILDING AREA (OCCUPANCY CALCULATIONS)			
FUNCTION OF SPACE	AREA (GSF)	AREA PER OCCUPANT	OCCUPANT LOAD
STORAGE	2599 SQ. FT.	300 GROSS	9
STORAGE DECK	279 SQ. FT.	300 GROSS	1
BUSINESS (OFFICE)	224 SQ. FT.	100 GROSS	3

EGRESS CAPACITY TABULATION (ECT)			
OCCUPANCY	OCCUPANT LOAD	EGRESS WIDTH REQUIRED	EGRESS WIDTH PROVIDED
B	3	36"	36"
STORAGE	9	36"	36"
STORAGE DECK	4	36"	36"

MEASUREMENT OF MEANS OF EGRESS			
		ACTUAL	OSSC 2014
1	COMMON PATH OF EGRESS TRAVEL	MAX. 200'	SEE PLAN / TABLE 1014.3
2	EXIT ACCESS TRAVEL DISTANCE	MAX. 250'	SEE PLAN / TABLE 1016.2
	MAXIMUM DEAD END CORRIDOR LENGTH	-	-
	MINIMUM CORRIDOR WIDTH	-	-
	MINIMUM CLEAR OPENING OF EXIT DOOR	SEE ECT ABOVE	SEE ECT ABOVE / 1008.1.1

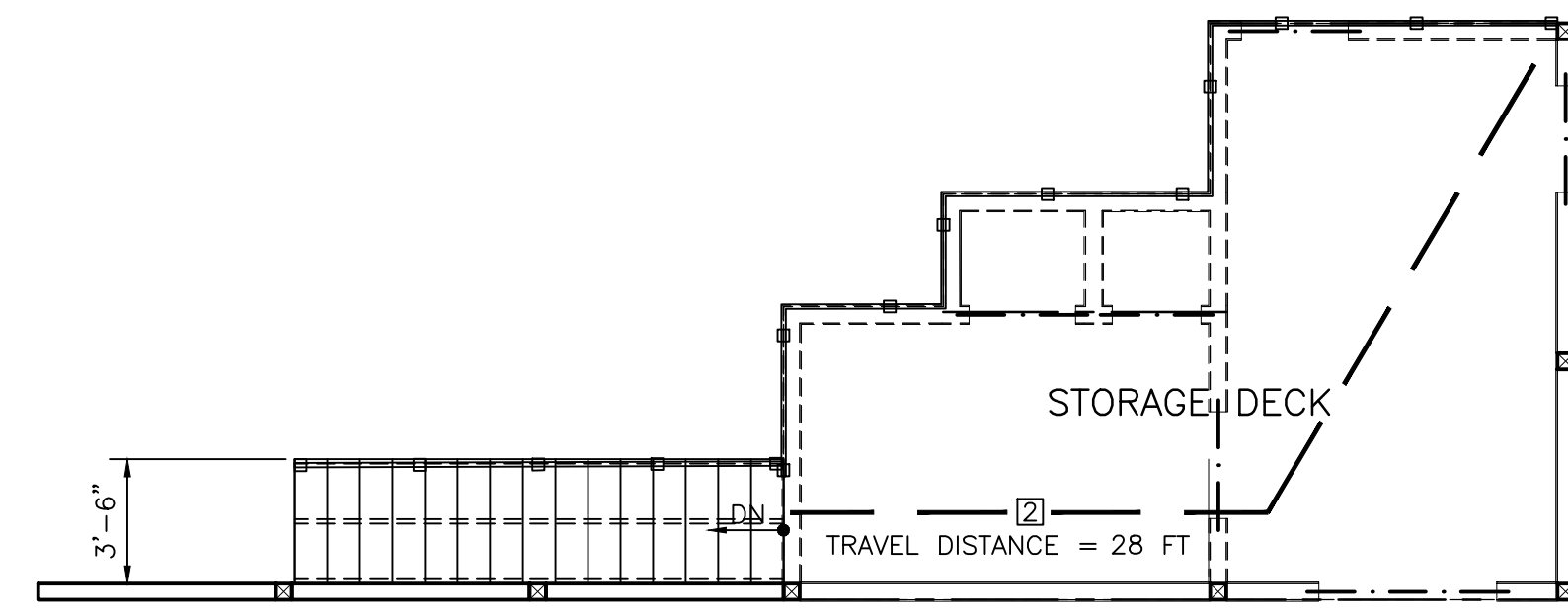
- #### NOTES
- THE MEANS OF EGRESS SHALL BE ILLUMINATED AT ALL TIMES THE SPACE SERVED BY MEANS OF EGRESS IS OCCUPIED.
    - IN THE EVENT OF POWER FAILURE AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE EXIT ACCESS AREAS. POWER DURATION SHALL BE NOT LESS THAN 90 MINUTES.
  - 2.1. THE LOCKING DEVICE IS READILY DISTINGUISHABLE AS LOCKED;
    - 2.2. A READILY VISIBLE DURABLE SIGN IS POSTED ON THE EGRESS SIDE ON OR ADJACENT TO THE DOOR STATING: THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED. THE SIGN SHALL BE IN LETTERS 1 INCH (25 MM) HIGH ON A CONTRASTING BACKGROUND; AND
    - 2.3. THE USE OF THE KEY-OPERATED LOCKING DEVICE IS REVOKABLE BY THE BUILDING OFFICIAL FOR DUE CAUSE.

**A NEW STORAGE POLE BUILDING**  
 110 SW 53rd ST  
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**CODE ANALYSIS AND EGRESS PLAN**

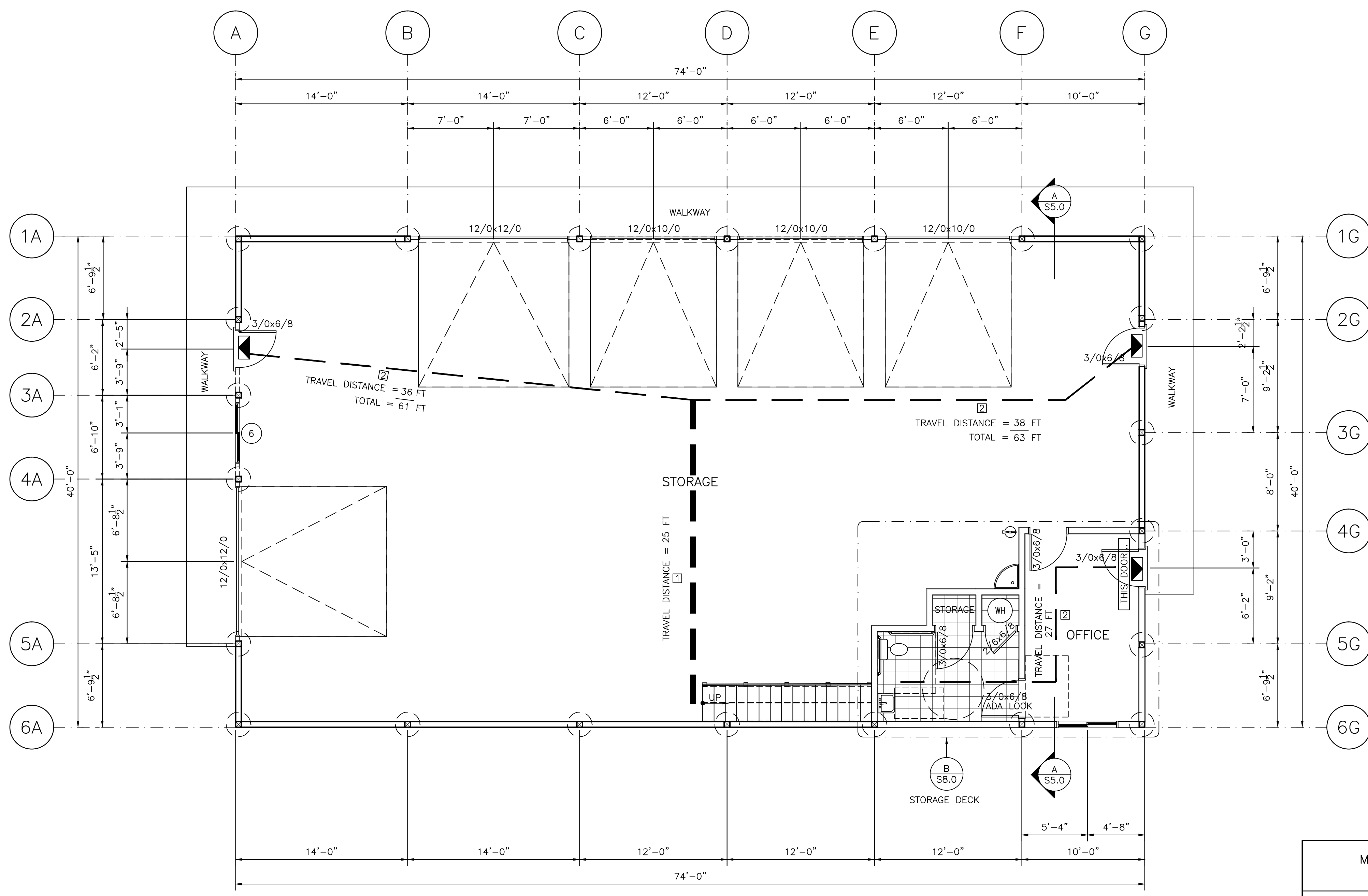


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DATE: 1.17.2024  
 SCALE: AS SHOWN  
 DRAWN: WEB  
 SHEET: S8.0



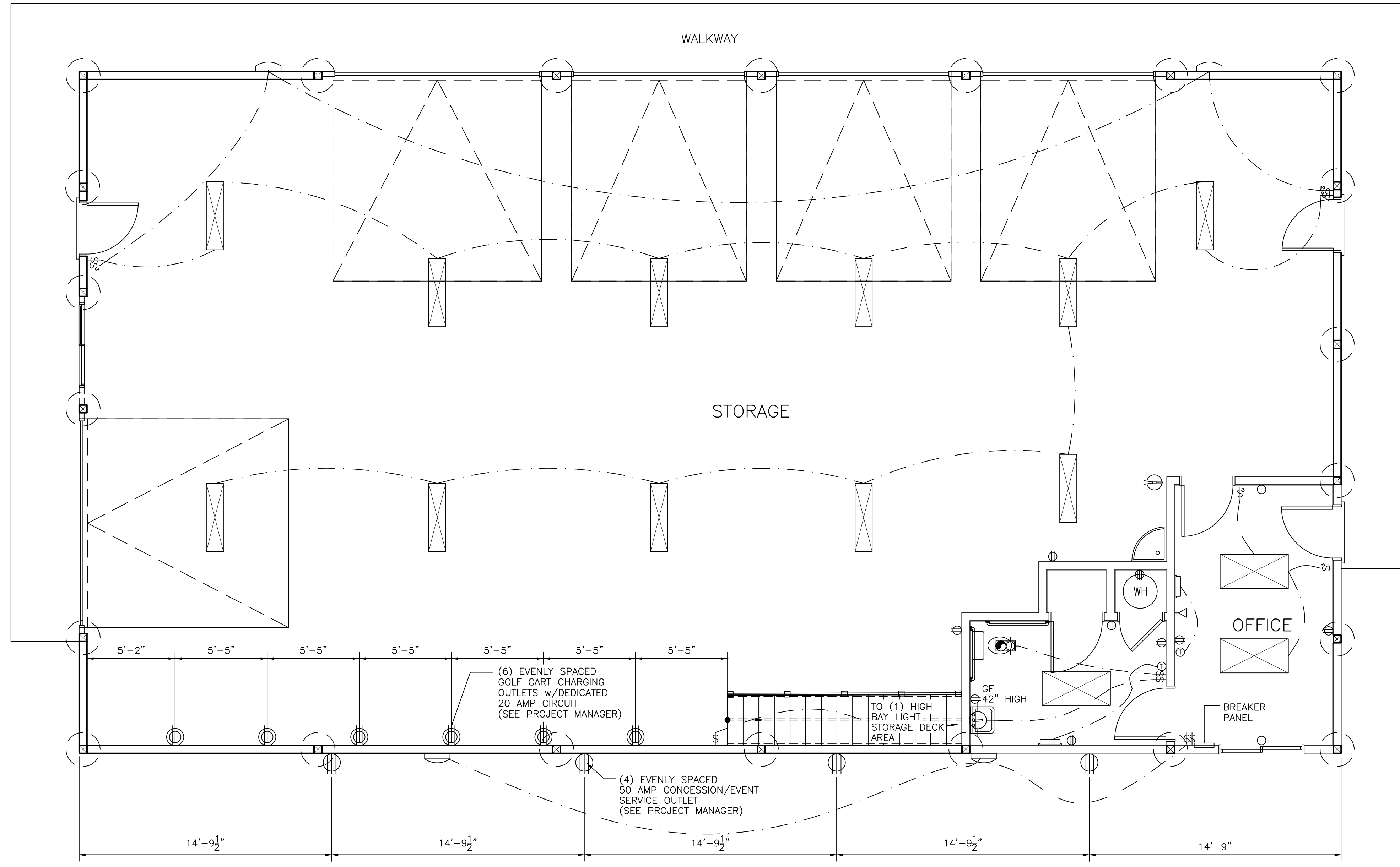
**B STORAGE DECK**  
 SCALE: 3/16"=1'-0"



**A EGRESS PLAN**  
 SCALE: 3/16"=1'-0"

**MAXIMUM QUANTITIES OF HAZARDOUS MATERIAL TO BE STORED**  
  
 STORAGE AREA:  
 STORAGE OF HAZARDOUS MATERIAL IS PLANNED TO BE A MAXIMUM OF 20 GALLONS FOR GASOLINE AND A MAXIMUM OF 20 GALLONS OF DIESEL FUEL.  
  
 STORAGE DECK AREA:  
 NONE PLANNED

SYMBOL LEGEND	
	WALL MOUNTED FIRE EXTINGUISHER (BASIC MIN. RATING: 20B)
	ILLUMINATED EXIT SIGN ELECTRICALLY POWERED, SELF-LUMINOUS OR PHOTOLUMINESCENT LABELED IN ACCORDANCE WITH UL 924 AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS. EXIT SIGN SHALL BE ILLUMINATED AT ALL TIMES.
	COMMON PATH OF EGRESS TRAVEL
	EXIT ACCESS
	SIGN: THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED. LETTERS 1" HIGH ON CONTRASTING BACKGROUND

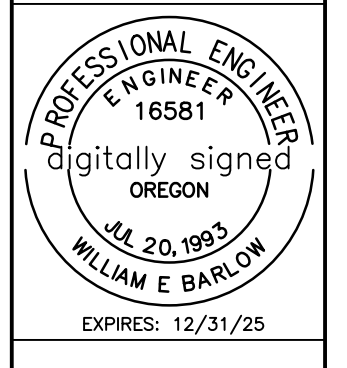


ELECTRICAL LAYOUT LEGEND	
COORDINATE MANUFACTURER/BRAND WITH PROJECT MANAGER	
	TELEPHONE OUTLET
	DUPLEX RECEPTACLE 15" ABOVE FLOOR (U.N.O.)
	220 V. RECEPTACLE
	GOLF CART CHARGING OUTLETS w/DEDICATED 20 AMP CIRCUIT
	SWITCH
	3-WAY SWITCH
	FAN / LIGHT UNIT
	CADET WALL HEATER 120V CSC1511TW 1500W INSTALL PER MFG
	LIGHT (OVERHEAD)
	LIGHT (WALL HUNG)
	EXTERIOR AREA LIGHT
	THERMOSTAT
	4' HIGH BAY LIGHT GREATER THAN OR EQUAL TO 5600 LUMENS 2-LIGHT LED
	2'x4' CEILING MOUNTED LIGHT FIXTURE w/LED TUBES

(A) ELECTRICAL PLAN  
SCALE: 1/4"=1'-0"

REVISIONS	BY

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**ELECTRICAL PLAN**



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DATE 1.17.2024  
 SCALE AS SHOWN  
 DRAWN WEB  
 SHEET  
**E1.0**