

**CITY OF NEPTUNE BEACH, FLORIDA
BIDDING, SPECIFICATIONS, AND CONTRACT DOCUMENTS
FOR
NEPTUNE BEACH SENIOR ACTIVITY CENTER
PORCH AND EXTERIOR FINISHES
CONB BID NO. 2023-01**

To: All Bidders
From: Jason Lupson, City of Neptune Beach Project Manager
Subject: Addendum #3
Date: 03/27/2023

1. See attached question/answer response sheet.

ITB# 2023-01	Senior Activity Center Porch and Exterior Finishes
QUESTIONS	RESPONSES
1. Sheet A1 has an area on the North end of the building labeled as "Existing Pond", Civil Sheet 6 of 9 indicates that this is a "Dry-Swale" with an Earthen Weir Outlet on the West side of the building, which appears to be part of the bid work – please clarify.	Sheet A1 is provided for reference. Refer to civil and landscape plans for site work scope.
2. Civil Sheet 6 of 9 call for "Existing Roof Drainage System to be Connected to Proposed Swale". During our site inspection, we did not see any existing (exterior) roof drainage, nor do we see any called for on the new addition - please clarify.	There are existing downspouts that tie in under the structure. These are to be connected to the swale.
3. During the site inspection we noted several pipes coming out of the ground on the East elevation that appear to be HVAC condensate drains, Please clarify if these are to remain as-is.	Minor modifications should be anticipated around footers and structure as needed.
4. Assuming the 6 PVC pipes coming out of the ground on the east side of the building are the condensate lines for the existing AC are they to remain in that location or are we required relocate them outside of the new porch	These should be extended eastward, directly outside of the porch footprint.
5. The antenna on the roof has a power cord running over the edge of the roof to an outlet located on the side wall once the new roof is installed what is the plan for getting power to the antenna	The antenna will need to be hard-wired into the building's electrical system by a certified electrician.
6. Can the footing types be labeled/identified on the foundation plan – Sheet A4	See attached.
7. Sheet A8 states fixtures "selected by owner" can you please clarify if that includes the owner purchasing the fixtures	The owner will purchase the fixtures. The contractor will install them.
8. Sheet L-2.1 shows the 89 rock going up to the building on the west side is the intention to leave the condensers and fill around them or disconnect the condensers and re-install with the stone underneath the units	Reinstall stone under the units.
9. The form of Bid (attached) is broken down into 75 individual line items, however, there seems to be some overlap. For example, Item #61 says to "Furnish all equipment, materials, and Labor to Complete Porch, Roof, ADA Ramps, and stairs", however lines 4 thru 60 above breakout all of the individual pieces and parts that go into Item 61. Is the intention to show material only costs on Items 4 thru 60 and Equipment/Labor in Item 61?	Individual material costs are requested for any modifications in the field. The split between material costs and equipment/labor as described in the question is acceptable.

BUILDING FOOTAGE INFORMATION

NEW DECK _____ 1,614 Sq. Ft.
NEW H.C. RAMPS _____ 474 Sq. Ft.

TYPE OF CONSTRUCTION

TYPE VB
PROJECT IS LOCATED EAST OF I-95 WIND-BORNE DEBRIS PROTECTION IS REQUIRED

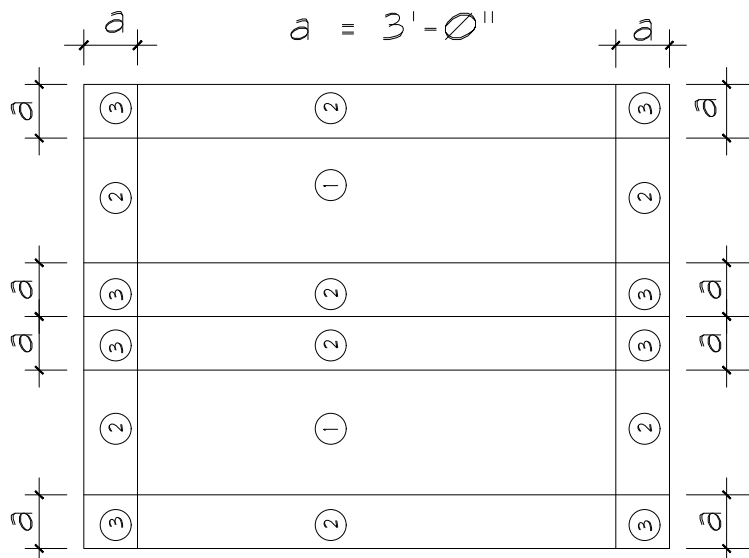
WIND ZONE INFORMATION

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH, & MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2020 1th EDITION

1. BASIC WIND SPEED (3 SECOND GUSTS) _____ 130 M.P.H.
2. WIND IMPORTANCE FACTOR _____ 1.0
3. WIND EXPOSURE CATEGORY _____ B
4. INTERNAL PRESSURE COEFFICIENT _____ +.18 OR -.18
5. COMPONENT & CLADDING WIND LOADS _____ Lbs./Sq.Ft.

HEIGHT AND EXPOSURE ADJUSTMENT COEFFICIENTS = 1.00

		EFFECTIVE WIND AREA Ft. Sq.							
		10		20		50		100	
ROOF									
1	10.5	-25.9	10.0	-25.2	10.0	-24.4	10.0	-23.7	
243	10.5	-43.5	10.0	-38.8	10.0	-32.7	10.0	-28.1	
WALL									
4	25.9	-28.1	24.7	-26.9	23.2	-25.4	22.0	-24.2	
5	25.9	-34.7	24.7	-32.4	23.2	-29.3	22.0	-26.9	
ROOF OVERHANG		10		20		50		100	
		-37.3		-36.7		-35.2		-35.1	
		-61.5		-48.3		-30.8		-17.6	

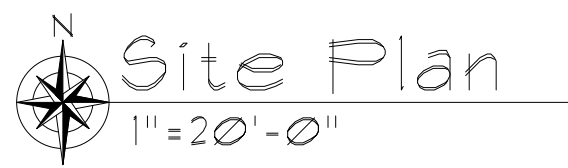
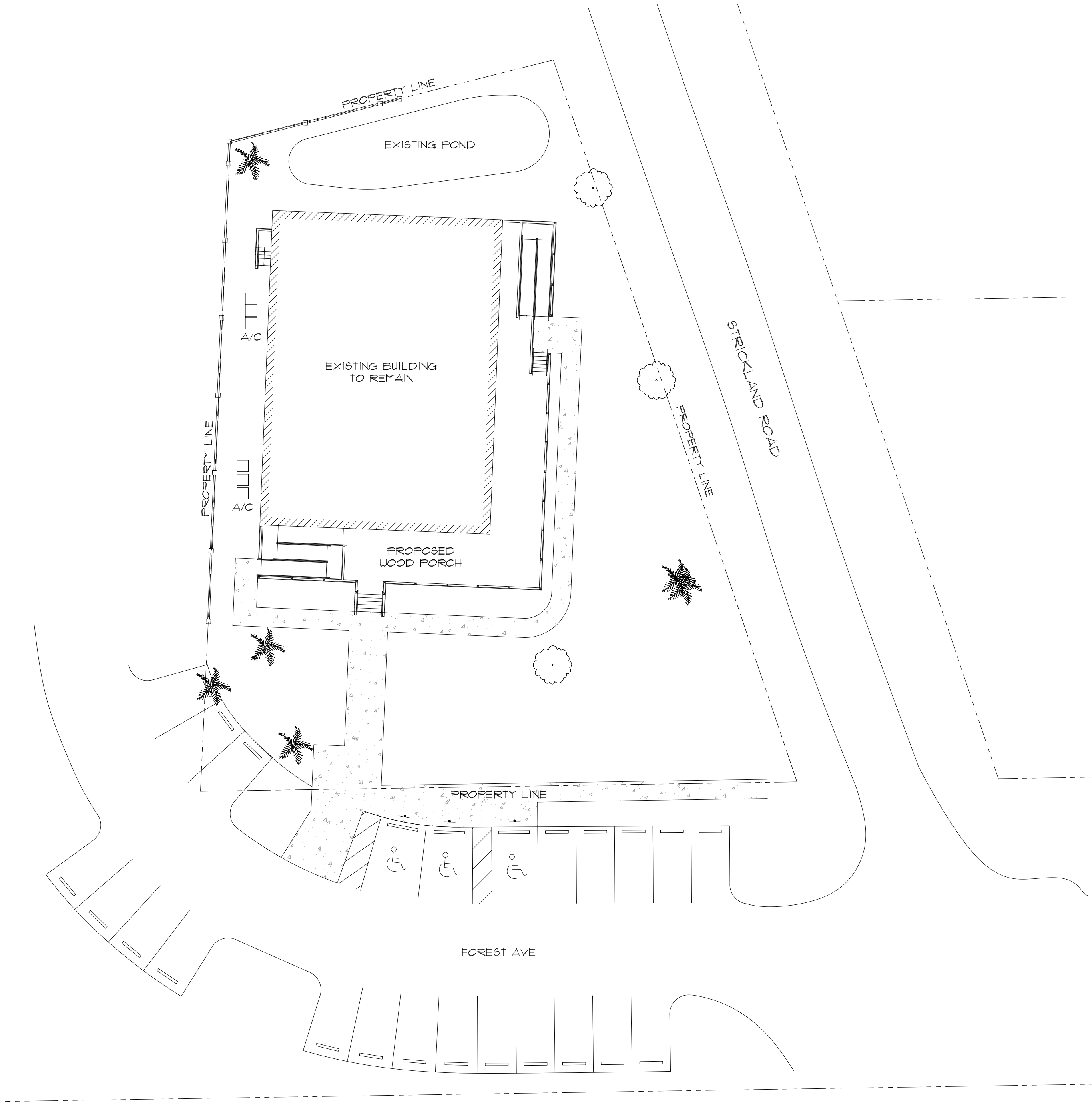


NOTES:

1. FOR EFFECTIVE AREAS BETWEEN THOSE GIVEN ABOVE THE LOAD MAY BE INTERPOLATED BY THE DESIGNER, OTHERWISE USE THE LOAD ASSOCIATED WITH THE LOWER EFFECTIVE AREA.
2. SEE FIGURES FOR LOCATION OF ZONES.
3. PLUS AND MINUS SIGNS SIGNIFY PRESSURE ACTING TOWARD AND AWAY FROM THE BUILDING SURFACES.

CODE ANALYSIS

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH, & MEETS THE REQUIREMENTS OF:
BUILDING - FLORIDA BUILDING CODE, BUILDING 2020 1th EDITION
PLUMBING - FLORIDA BUILDING CODE, PLUMBING 2020 1th EDITION
MECHANICAL - FLORIDA BUILDING CODE, MECHANICAL 2020 1th EDITION
LIFE SAFETY - NATIONAL FIRE PREVENTION ASSOC. CODE, LATEST EDITION
FIRE CODE - FLORIDA FIRE PREVENTION CODE 1th EDITION
HANDI-CAP CODE - FLORIDA BUILDING CODE, CHAPTER 11 - ACCESSIBILITY, 2020 1th EDITION
ACCESSIBILITY CODE - FLORIDA BUILDING CODE, CHAPTER 11 - ACCESSIBILITY, 2020 1th EDITION
ENERGY CODE - FLORIDA BUILDING CODE, ENERGY CONSERVATION, 2020 1th EDITION
NATIONAL ELECTRIC CODE CURRENT EDITION



Neptune Beach Senior Community Center

Neptune Beach, Florida

INDEX OF DRAWINGS

- A1 CODE INFORMATION AND SHEET INDEX
A2 FLOOR PLAN
A3 BUILDING ELEVATIONS
A4 FOUNDATION PLAN
A5 FLOOR FRAMING PLAN
A6 ROOF FRAMING PLAN
A7 BUILDING SECTIONS AND DETAILS
A8 ELECTRICAL PLAN

STRUCTURAL NOTES

1. DESIGN LOADS:
A. ROOF LIVE LOADS _____ 16 p.s.f.
B. FLOOR LIVE LOADS _____ 40 p.s.f.
C. WIND LOADS _____ 130 m.p.h.
(FL. BLDG. CODE 2020)
2. MATERIAL
A. CONCRETE: DESIGN AND CONSTRUCTED PER A.C.I. 318-83
- | ITEM | COMPRESSIVE STRENGTH @ 28 DAYS |
|---------------------------------|--------------------------------|
| SLAB _____ | 2500 P.S.I. |
| CMU, FILLED CELLS & BEAMS _____ | 2500 P.S.I. |
- B. REINFORCING STEEL: CONFORM TO ASTM A-615 GAGE 60
C. STRUCTURAL STEEL: DESIGN PER CURRENT ADDITION OF A.I.S.C.
1. SHAPES AND PLATES CONFORM TO ASTM A-36
2. WELDING CONFORM TO "AWS D11, STRUCTURAL WELDING CODE"
3. ANCHOR BOLTS AND STEEL TO WOOD SHALL CONFORM TO ASTM A-307
4. WELDED CONNECTIONS NOT SHOWN ON DRAWING SHALL HAVE ALL CONTACTING STEEL SURFACES CONTINUOUS WELDED WITH SUFFICIENT WELD TO FULLY DEVELOP THE THINNER MATERIAL.
D. FRAMING LUMBER: SOUTHERN PINE PER N.F.P.A., NATIONAL DESIGN SPECS. FOR WOOD CONSTRUCTION.
1. SAWN LUMBER 2x4 THRU 2x12 SHALL BE SOUTHERN PINE NO. 2 @ 19% M.C.
2. INTERIOR WALL STUDS SHALL BE SPRUCE-PINE-FIR NO.2
3. LVL BEAMS SHALL BE SOUTHERN PINE Fo=2400 P.S.I.
4. SAWN LUMBER 4x4 AND LARGER SHALL BE SOUTHERN PINE NO. 1 @ 19% M.C.
E. WOOD FLOOR & ROOF TRUSSES: DESIGN BY THE MANUFACTURER TO SUPPORT DEAD, WIND AND LIVE LOADS.
1. MANUFACTURE SHALL SUBMIT ERECTION DRAWINGS FOR REVIEW BEFORE FABRICATING TRUSSES.
2. ERECTION DRAWINGS SHALL SHOW ALL LATERAL AND DIAGONAL BRACING AS REQUIRED IN THE TRUSS SYSTEM.
3. TRUSS TO TRUSS CONNECTIONS SHALL BE DESIGNED BY THE MANUFACTURER.
F. PLYWOOD ROOF AND WALL SHEATHING:
CONFORM TO THE AMERICAN PLYWOOD ASSOC. STANDARDS AND SHALL BE AP C-D INT. WITH EXTERIOR GLUE (CDX) MIN.
G. CONCRETE MASONRY UNITS: CONFORM TO ASTM C-90.
MORTAR SHALL BE TYPE M OR S.
H. WOOD FRAMING ANCHORS AND HURRICANE TIE CLIPS SHALL BE "GO-BOLTS" OR EQUAL.
4. CONCRETE MASONRY UNITS:
A. ALL CMU SHALL HAVE #5 BAR VERTICAL WITH CELL FILLED WITH CONCRETE AS SHOWN ON DRAWINGS.
B. ALL CMU SHALL HAVE HORIZONTAL JOINT REINFORCING SPACED 16" O.C. VERTICAL. REINFORCING SHALL BE FABRICATED FROM 9 GAUGE GALVANIZED WIRE.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMP. BRACING UNTIL THE ENTIRE STRUCTURE IS PLUMB AND SECURED IN PLACE.
6. SHEATHING NAILING:
A. ROOF SHEATHING SHALL BE NAILED AS FOLLOWS:
8d RING SHANK NAILS
8d NAILS @ 6" O.C. AT PANEL EDGES.
8d NAILS @ 9" O.C. AT ALL INTERMEDIATE SUPPORTS.
8d NAILS @ 4" O.C. AT ALL SUPPORTS WITHIN 4'-0" OF EDGES.
B. PORCH CEILING OR SUB CEILING WITH RING SHANK NAILS:
8d NAILS @ 4" O.C. AT PANEL EDGES.
8d NAILS @ 8" O.C. AT ALL INTERMEDIATE SUPPORTS.
C. ALL EXTERIOR WALLS BETWEEN OPENINGS AND AT CORNERS SHALL BE SHEAR WALL SEGMENTS.
PLY-WOOD NAILING TO BE: 8d NAILS @ 6" O.C. EACH SHEAR WALL SEGMENT SHOULD HAVE 1/2 Ø THREADED ROD WITHIN 8" OF SHEAR WALL.
7. CMU WALL OPENING HEADS, JAMBS, AND WINDOW SILLS SHALL BE 2x6 MIN. P.T. WITH 1/4" DIA. x 3 1/4" LONG "TAPCONS" @ 18" O.C.
8. ALL EXTERIOR WINDOWS AND DOORS SHALL MEET 130 M.P.H. WIND SPEED. WIND BORNE DEBRIS PROTECTION REQUIRED: IMPACT RESISTANT WINDOWS OR SHUTTERS BY ARCHITECT OR CONTRACTOR.

LES THOMAS
ARCHITECT
32 CORDOVA ST., ST. AUGUSTINE, FLORIDA 824-9508

NEW PORCH
NEPTUNE BEACH COMMUNITY CENTER
NEPTUNE BEACH, FLORIDA

Date: 4.29.22

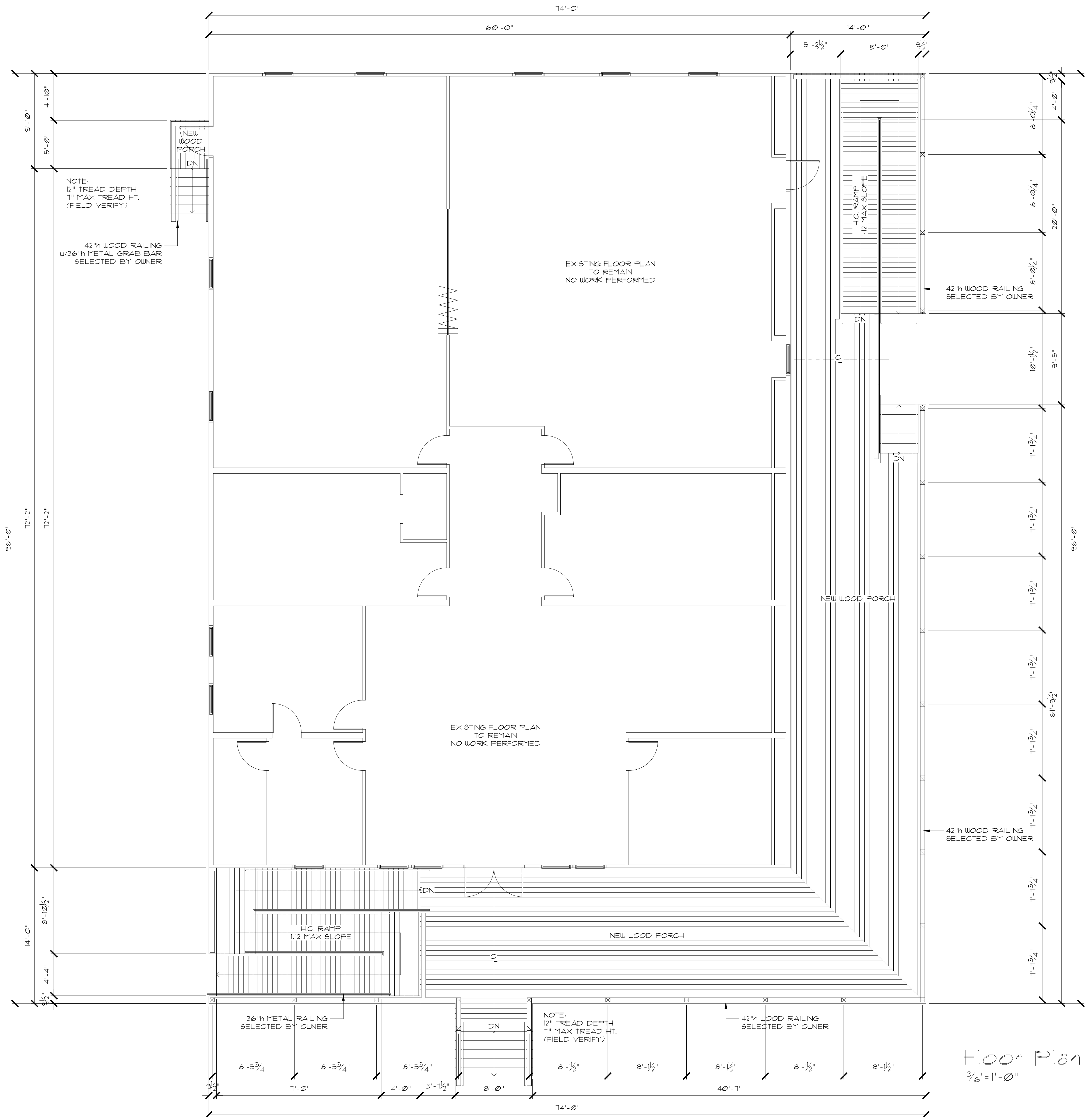
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SHEET

A1



NEW PORCH
NEPTUNE BEACH COMMUNITY CENTER
NEPTUNE BEACH, FLORIDA

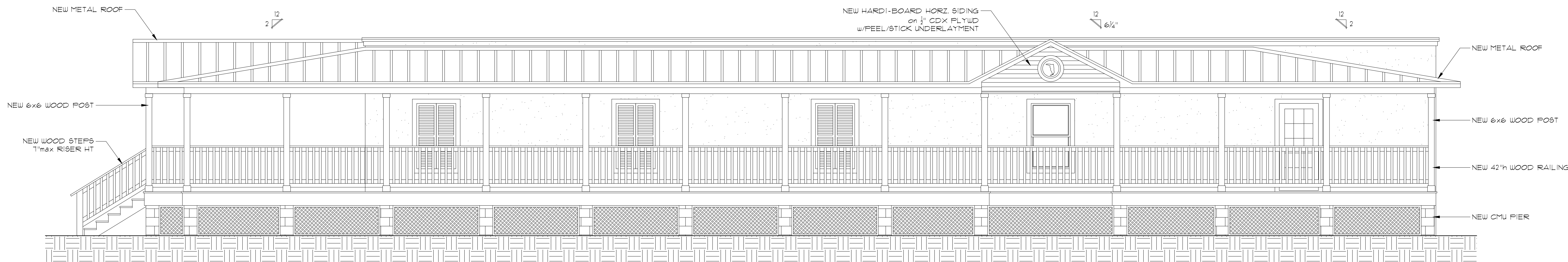
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SHEET
A2

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Front Elevation
1/4" = 1'-0" North



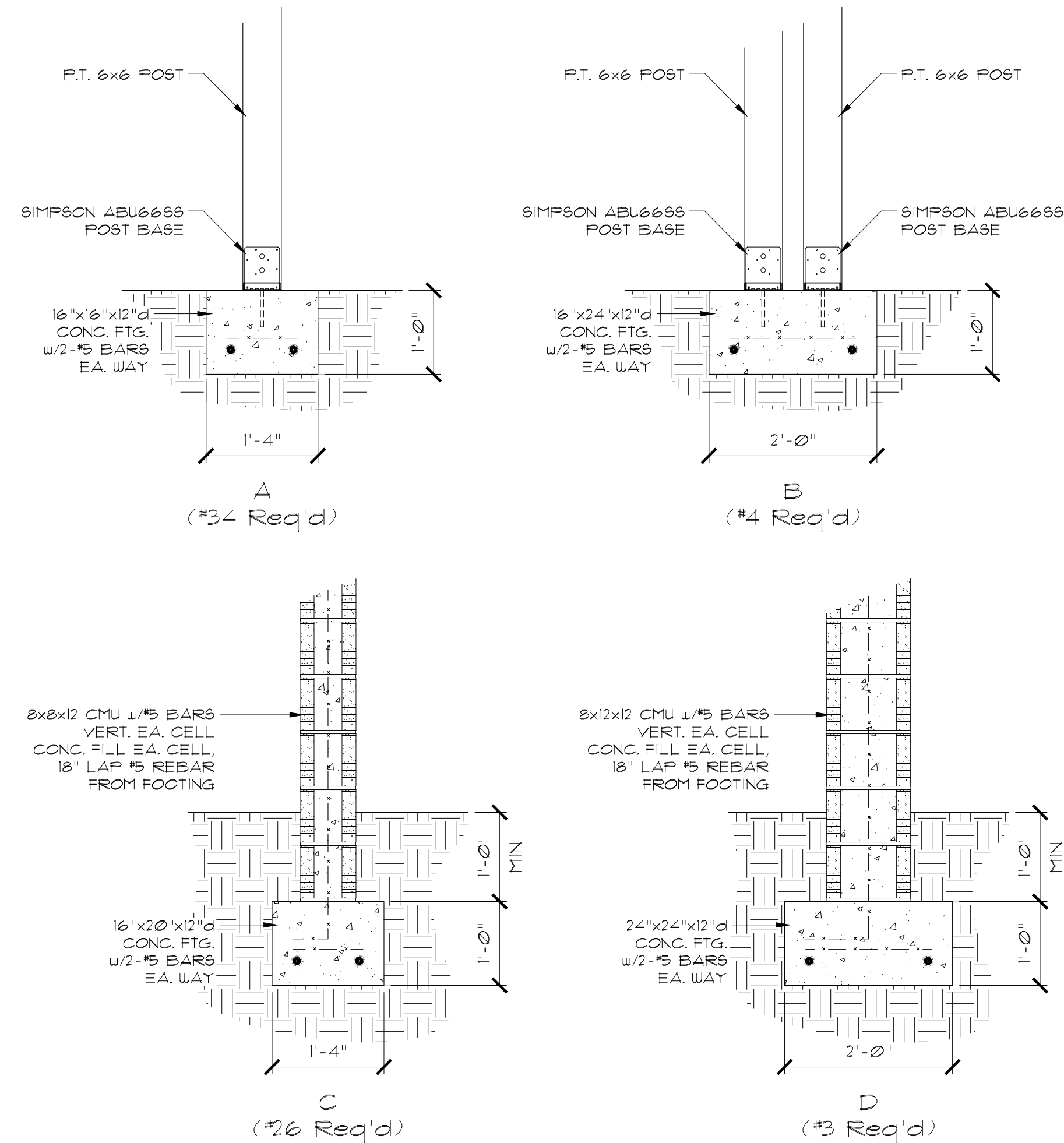
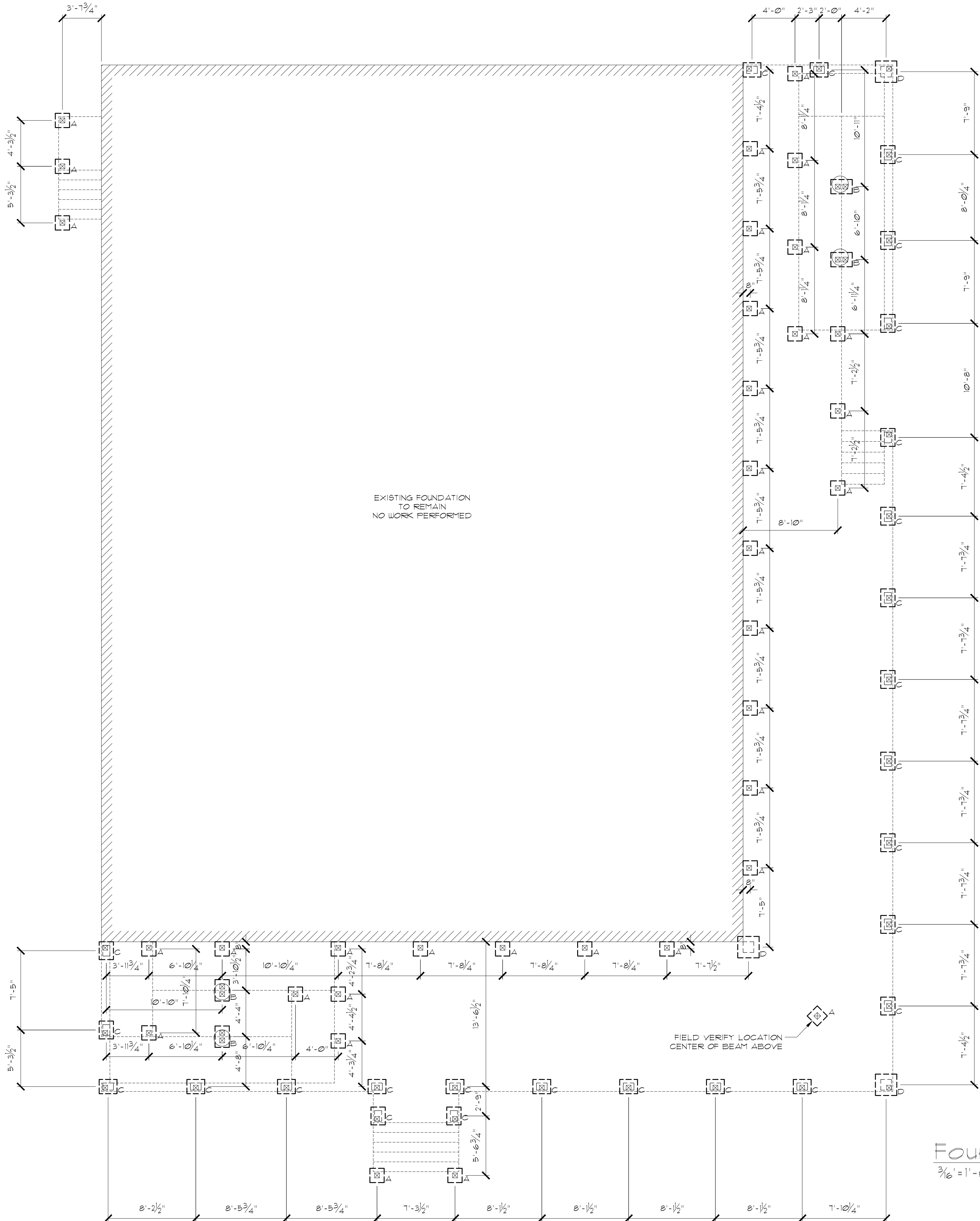
Right Elevation
1/4" = 1'-0" East

NEW PORCH
NEPTUNE BEACH COMMUNITY CENTER
NEPTUNE BEACH, FLORIDA

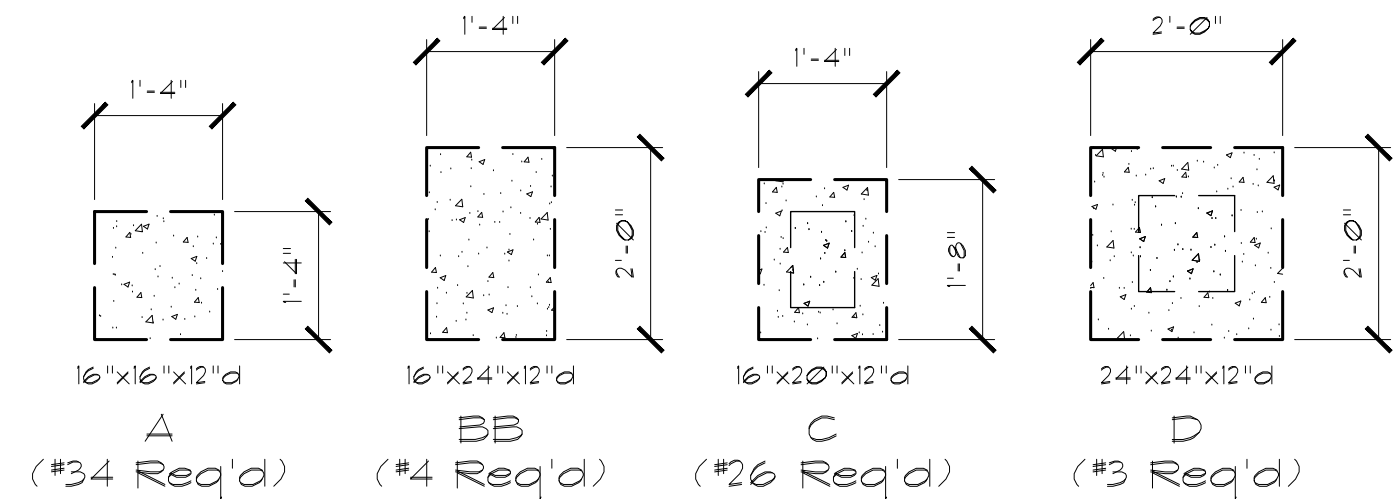
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SHEET
A3



Foundation Details
1/2" = 1'-0"



Footing Types
1/2" = 1'-0"

Foundation Plan
3/16" = 1'-0"

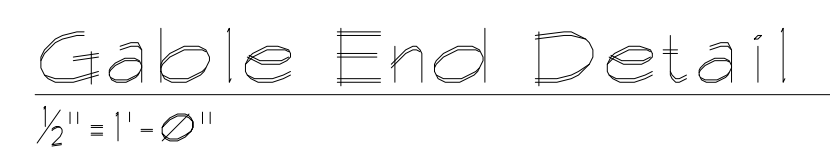


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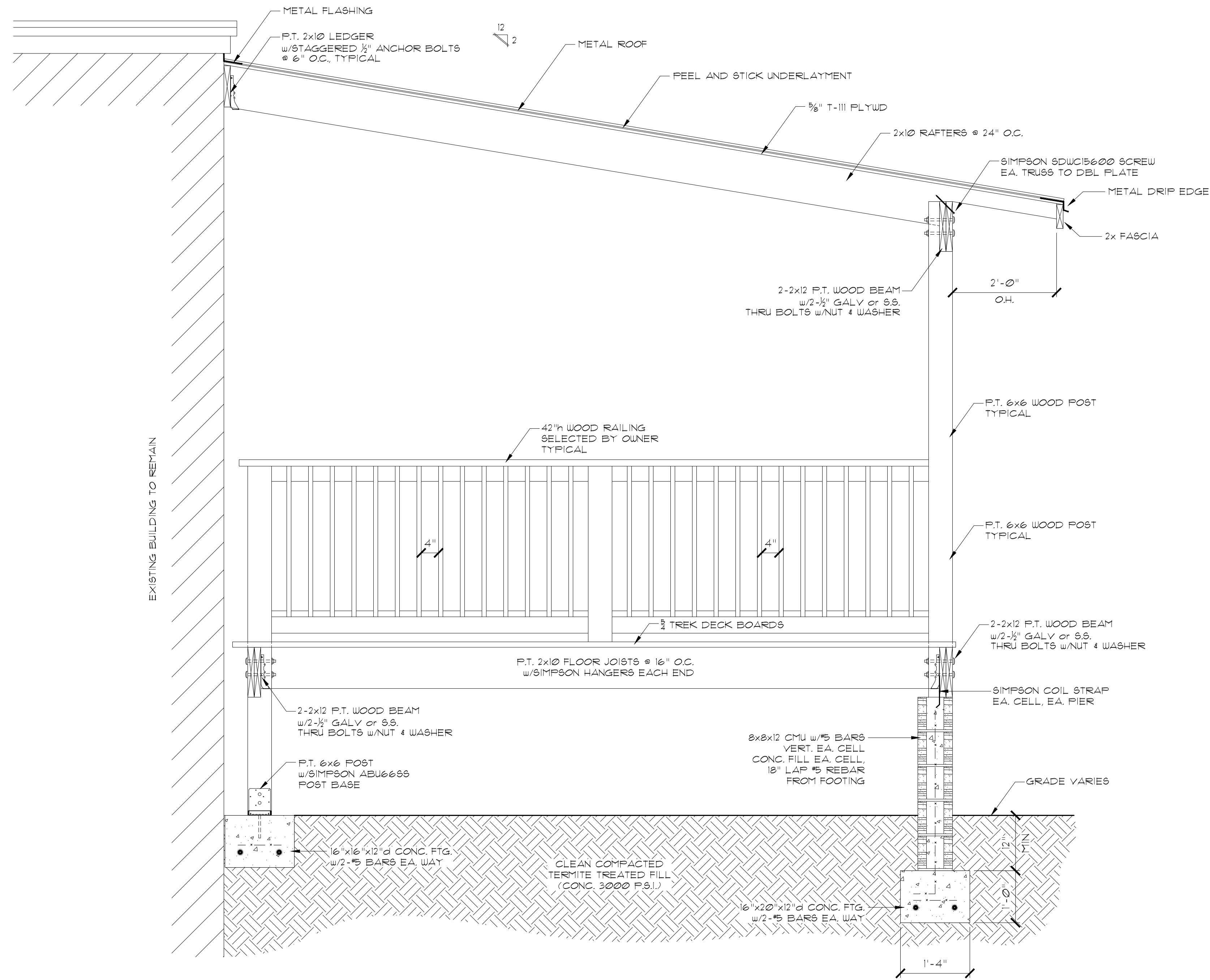
SHEET

A5

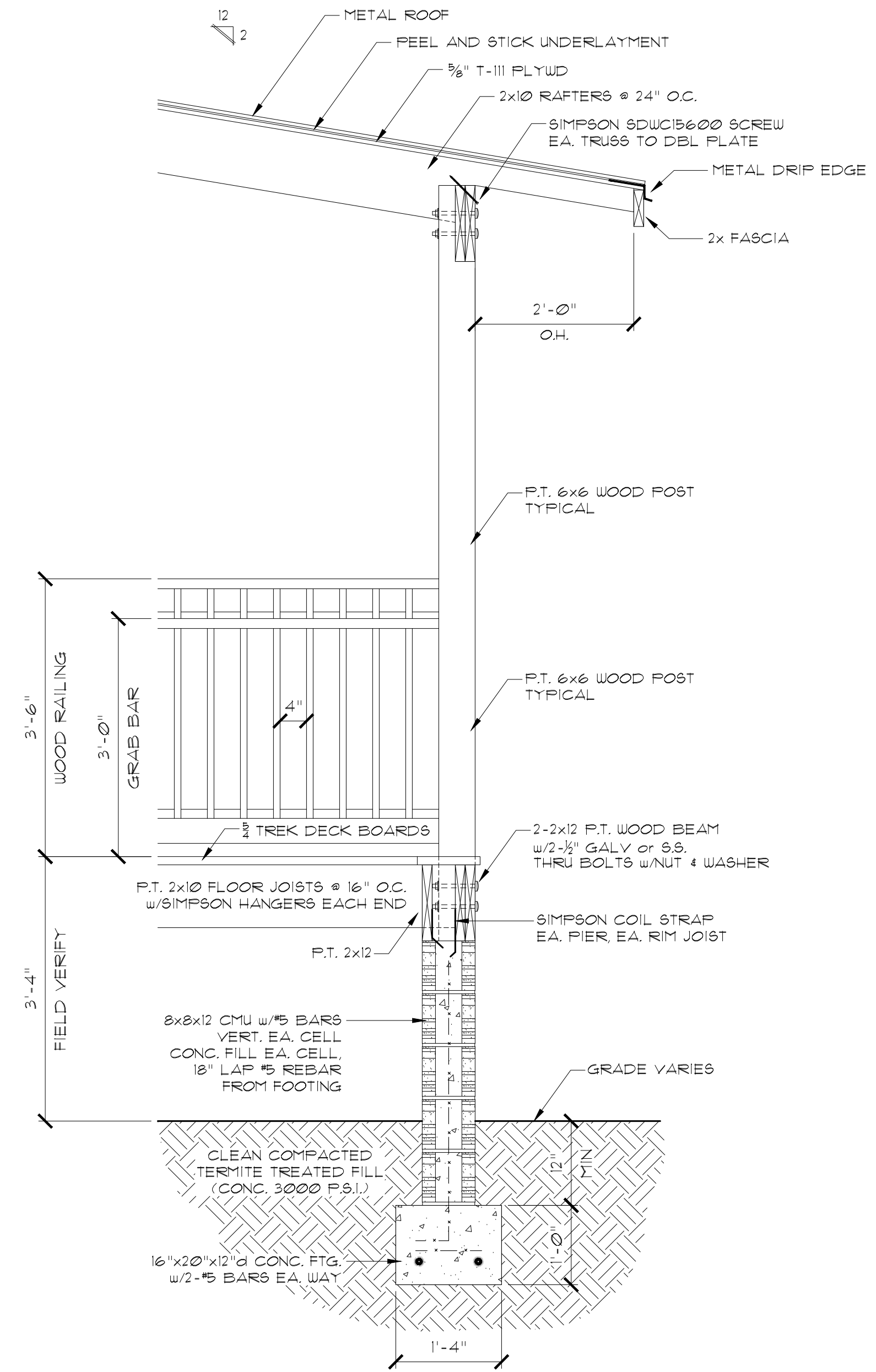
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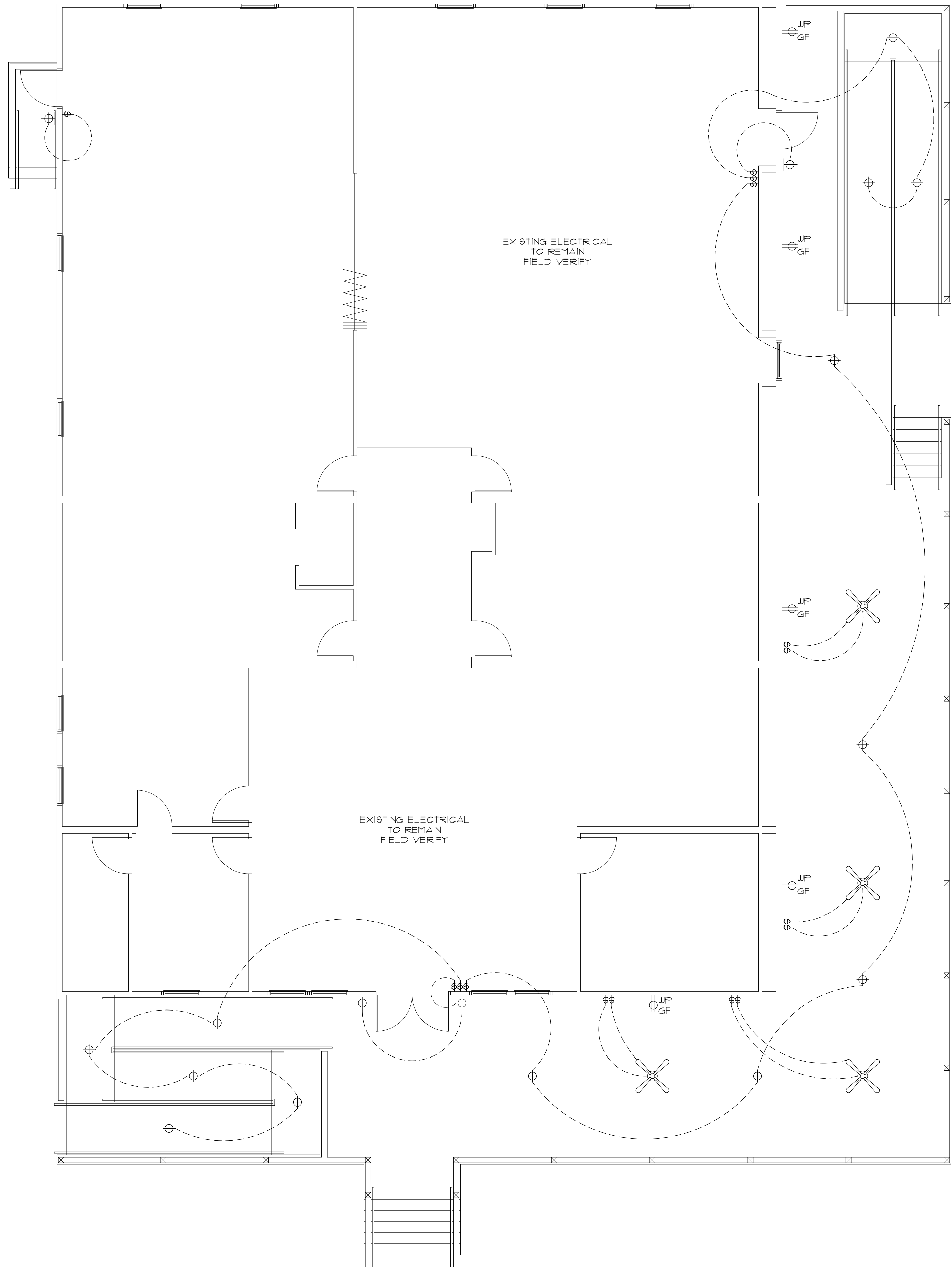
A6



Typ Section
3/4" = 1'-0"



Ramp Section
3/4" = 1'-0"



Electrical Legend

- 120V WALL MOUNT DUPLEX RECEPTACLE
12" AFF. UN.O.
- WALL MTD LIGHT, SELECTED BY OWNER
- CEILING MTD LIGHT, SELECTED BY OWNER
- WALL MOUNTED SWITCH - 48" AFF. UN.O.
- w/ GROUND FAULT INTERRUPTER
- WEATHER PROTECTED
- CEILING MTD FAN WITH LIGHT, SELECTED BY OWNER

Electrical Plan
3/16" = 1'-0"