

GENERAL NOTES:

- All dimensions and conditions must be verified in the field. Any discrepancies shall be brought to the attention of the engineer before proceeding with the affected part of the work.
- Do not scale plans.
- Sections and details shown on any structural drawings shall be considered typical for similar conditions.
- All proprietary products shall be installed in accordance with the manufacturers written instructions.
- The structure is designed to be self supporting and stable after the Building is complete. It is the contractor's sole responsibility to determine erection procedures and sequencing to ensure the safety of the building and its components during erection. This includes the addition of necessary shoring, sheeting temporary bracing, guys or tie downs. Such material shall remain the property of the contractor after completion of the project.
- All applicable federal, state, and municipal regulations shall be followed, including the federal department of labor occupational safety and health act.

DESIGN LOADS:

- Building code: International Building Code (IBC 2003/2006)
- Design Live Loads: (Ground snow load = 60 PSF)
Roof.....42 PSF + Drift
- Design wind loads are based on exposure B using 100 mph basic wind speed.

FOUNDATION NOTES:

- Foundations have been designed to conform with the recommendations provided in IBC 2006. Presumptive soil bearing capacity is 2000 psf to be field verified.
- Exterior piers and footings shall be founded a minimum of 4'-0" below finished grade for frost protection.
- Structural fill shall be used at all locations below footings and slabs and adjacent to the foundation walls. Prior to placement of structural fill, remove all topsoil and other unsuitable material. Compacted structural fill shall consist of clean granular material free of organics, loam, trash, snow, ice, frozen soil or any other objectionable material. It shall be well graded within the following units:

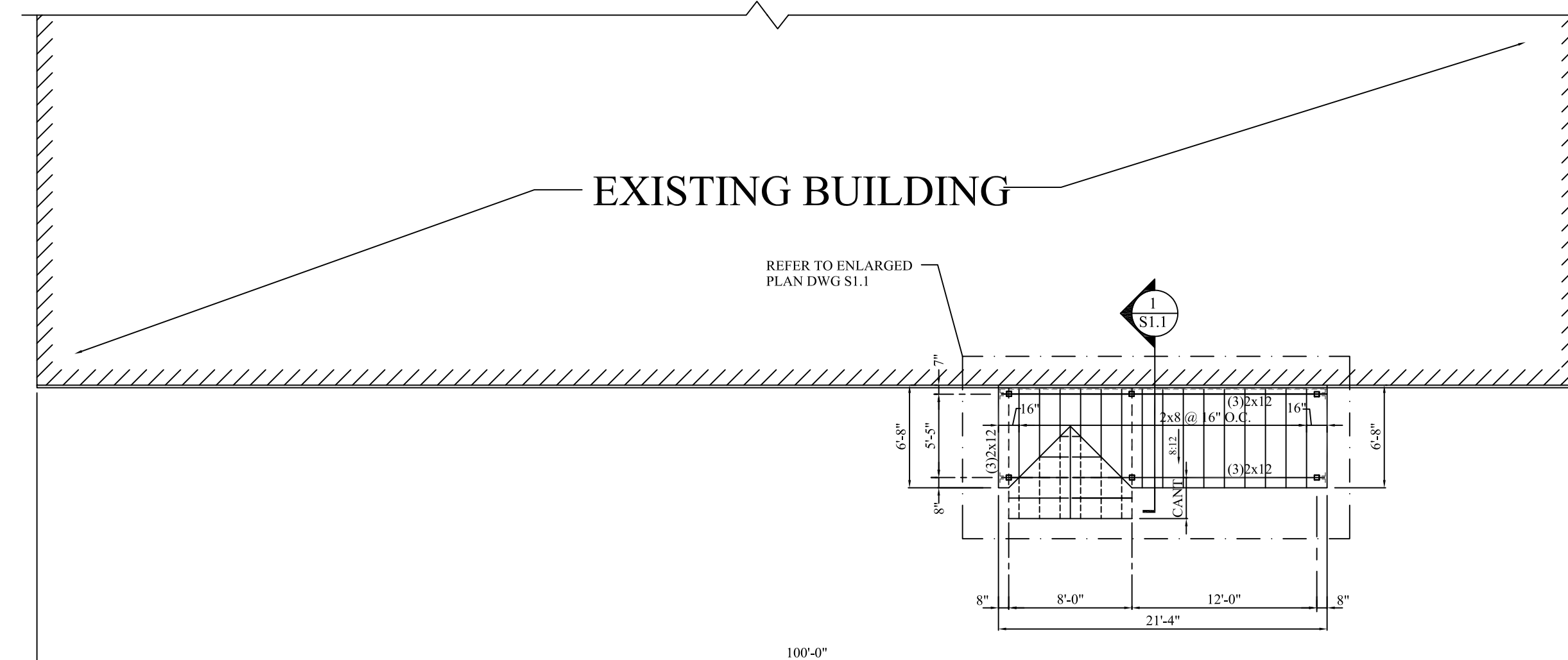
SCREEN OR SIEVE SIZE	PERCENT FINER BY WEIGHT
4 inch	100
3 inch	90 to 100
1/4 inch	25 to 90
NO. 40	0 to 30
NO. 200	0 to 5

CONCRETE NOTES:

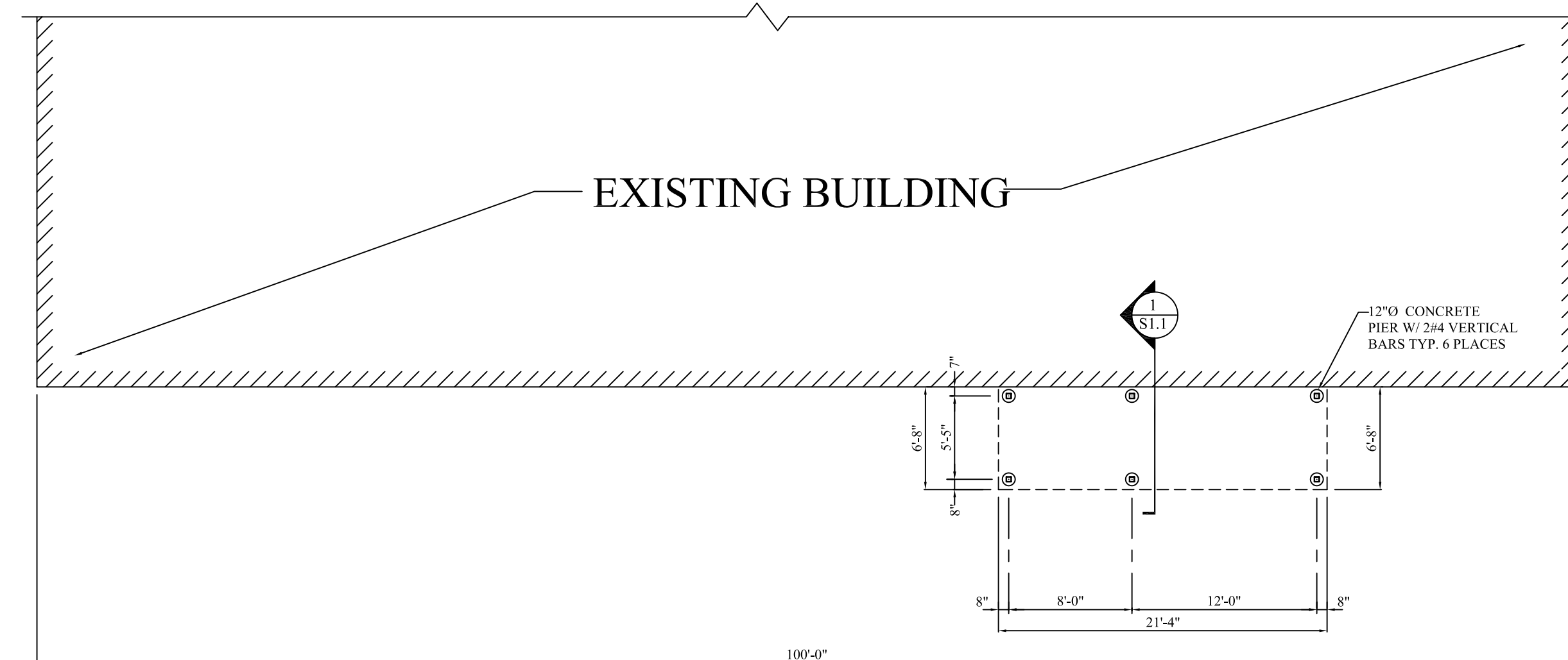
- All concrete work shall conform to ACI 318-Latest Edition.
- Concrete strength at 28 days shall be:
 - 3000 PSI for footings and piers.
- All concrete shall be air entrained 4% to 6%
- Concrete shall not be placed in water or on frozen ground.
- Reinforcing bars shall conform to ASTM A615 Grade 60 deformed bars, and shall be detailed, fabricated and erected in accordance with ACI 315-Latest edition.
- Anchor bolts shall conform to ASTM A307 unless noted otherwise on plan.

TIMBER FRAMING:

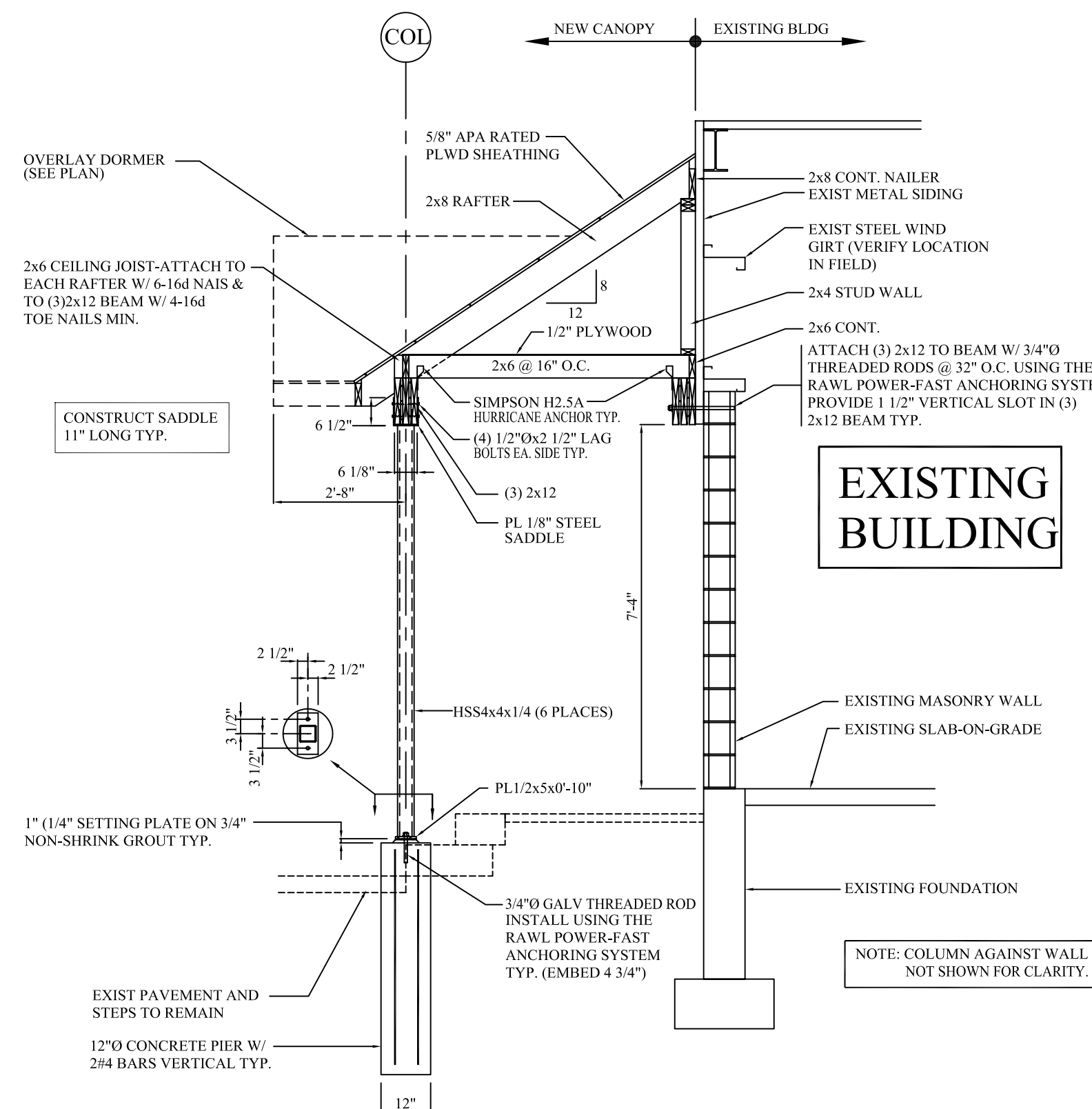
- All timber framing shall be in accordance with the AITC timber construction manual or the national design specifications (NDS) -latest edition.
- Individual timber framing members shall be visually graded, minimum grade #2 Spruce-Pine-Fir (SPF), kiln dried to 19% maximum moisture content.
- Pressure treated lumber shall be used where wood is in contact with ground, concrete or masonry. Timber shall be southern yellow pine treated with ACQ to 0.4 #/CF in accordance with AWPA C-18.
- Metal connectors shall be used at all timber to timber connections or as noted on the design drawings.
- Provide Simpson H2.5A hurricane anchors where timber framing and/or timber rafters bear on timber beams or bearing walls.
- Nailing not specified shall conform with IBC 2006
- Roof sheathing shall be 5/8" APA rated plywood w/ H-clips. Attach plywood to all supports using 8d nails spaced at 6" o.c. at panel edges and 12" o.c. at intermediate supports.



CANOPY FRAMING PLAN
1/8" = 1'-0"

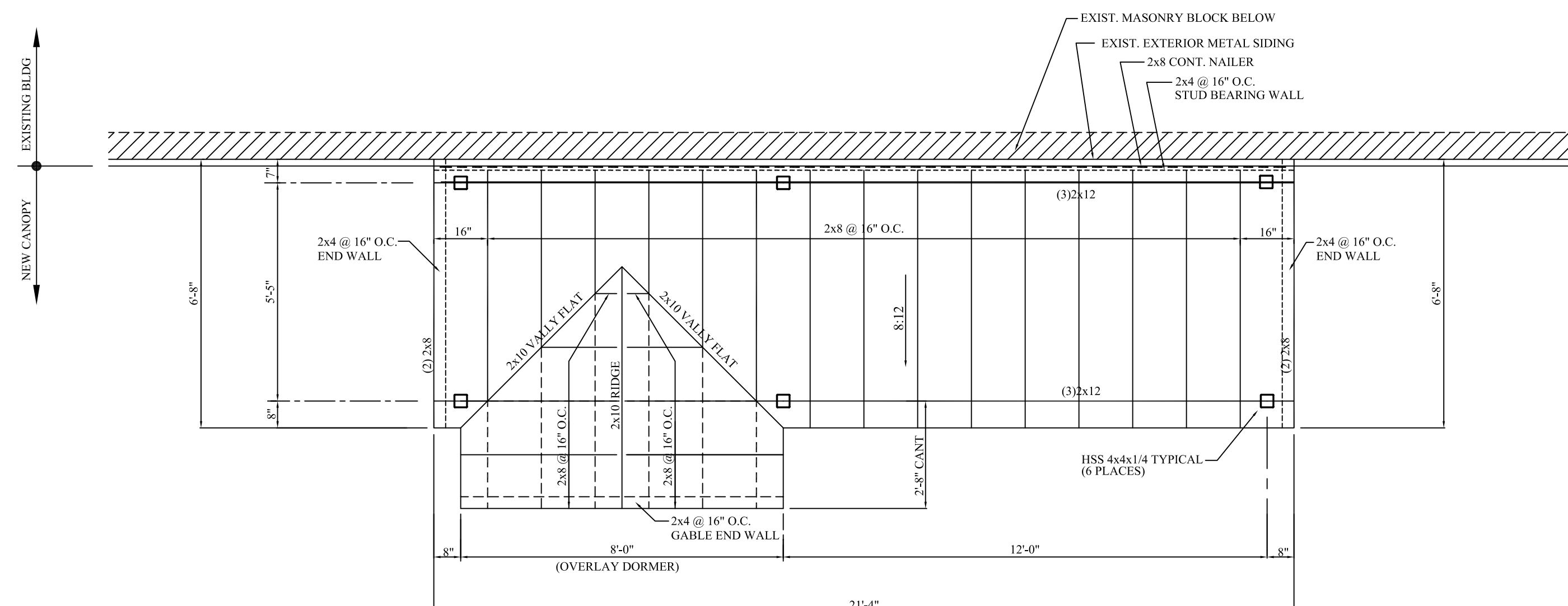


CANOPY FOUNDATION PLAN
1/8" = 1'-0"



BUILDING SECTION
3/8" = 1'-0"

NOTE: 1. WELD COLUMN CAP TO HSS4x4 W/ 3/16" FILLET WELD (4 SIDES) TYP.
2. PROVIDE PAINTED FINISH COAT ON ALL STRUCTURAL STEEL PER OWNERS REQ'TS.



ENLARGED ROOF FRAMING PLAN
3/8" = 1'-0"

MFL ENGINEERING
3 GOLDENWOOD DRIVE
SCARBOROUGH, MAINE 04074
TEL: (207) 885-1522
FAX: (207) 885-1522
CELL: (207) 329-3717
EMAIL: mleasure@maineerr.com



rev.	date	description
app'd		

designed by: MFL	checked by: MFL
drawn by: MFL	scale: NOTED
date: September 29, 2008	plot date: September 29, 2008
project #: 28004	

BIOPROCESSING ENTRY CANOPY
1039 RIVERSIDE STREET
PORTLAND, MAINE
ENTRY CANOPY FOUNDATION, FRAMING AND DETAILS

S1.1

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