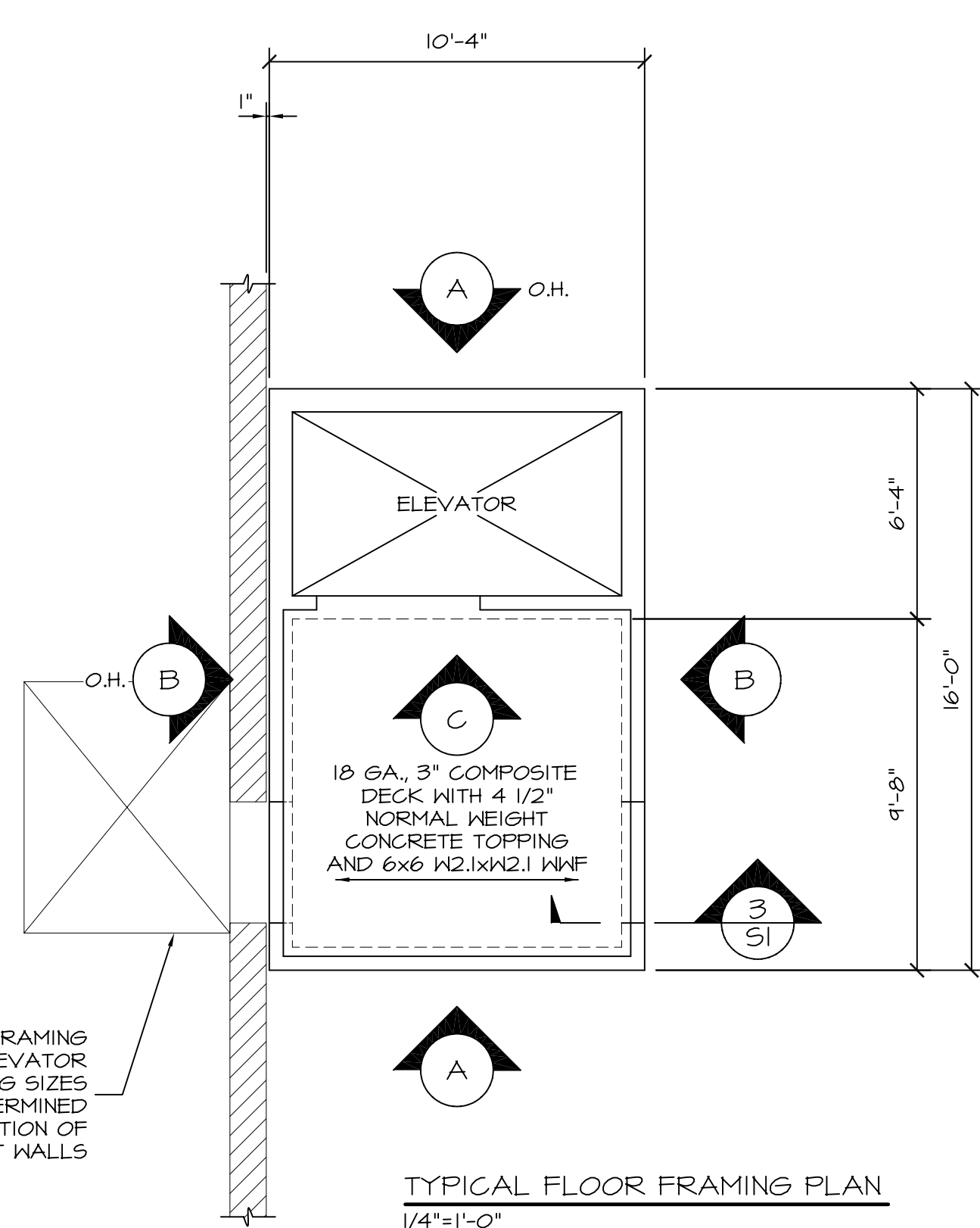
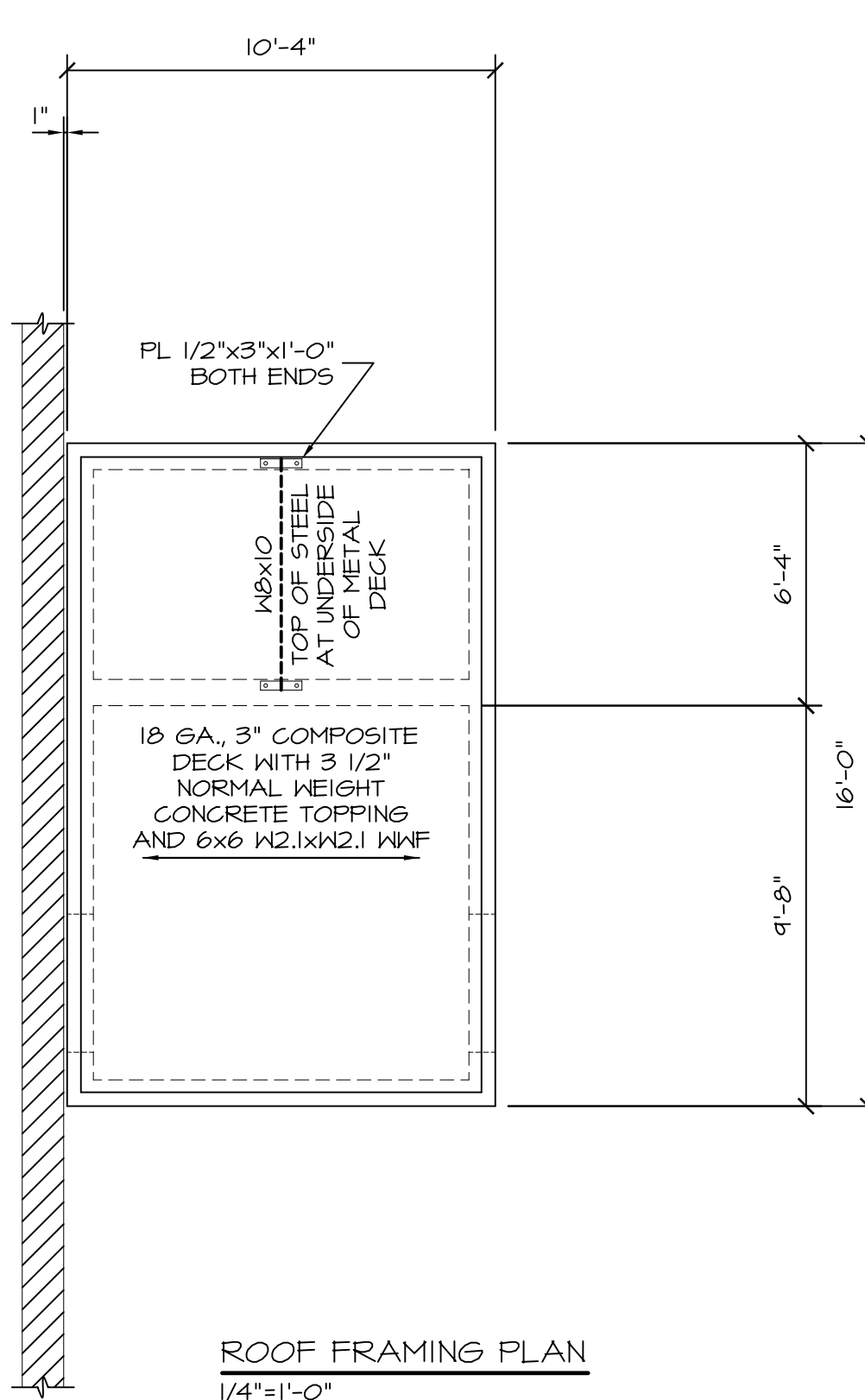


FOUNDATION PLAN
1/4"=1'-0"

EXISTING 1ST FLOOR ELEVATION = 100'-0".
 (XX'-X") INDICATES TOP OF CONCRETE ELEVATION.
 SEE ARCHITECTURAL DRAWINGS FOR DOOR LOCATIONS AND SIZES.



TYPICAL FLOOR FRAMING PLAN
1/4"=1'-0"



ROOF FRAMING PLAN
1/4"=1'-0"

DESIGN CRITERIA

BUILDING CODE: 2003 INTERNATIONAL BUILDING CODE

DESIGN LOADS:

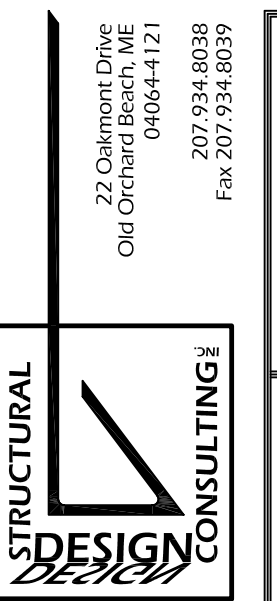
LIVE LOADS
STAIRS AND LANDINGS 100 PSF

SNOW LOAD
GROUND SNOW LOAD, P_g 60 PSF
SNOW EXPOSURE FACTOR, C_e 1.0
SNOW LOAD IMPORTANCE FACTOR, I_s 1.0
THERMAL FACTOR, C_t 1.1
FLAT ROOF SNOW LOAD, P_f 46 PSF

WIND LOAD
BASIC WIND SPEED (3 SEC GUST), V_{3s} 85 MPH
WIND IMPORTANCE FACTOR, I_w 1.0
BUILDING CATEGORY EXPOSURE CATEGORY I
HEIGHT AND EXPOSURE ADJUSTMENT COEFFICIENT, K_z 1.24

EARTHQUAKE DESIGN DATA
SEISMIC IMPORTANCE FACTOR, I_e 1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS
0.2 SEC PERIOD, S_s 0.375
1 SEC PERIOD, S₁ 0.100
SITE CLASS D
SPECTRAL RESPONSE COEFFICIENTS
0.2 PERIOD 5% DAMPED, S_{ds} 0.40
1 SEC PERIOD 5% DAMPED, S_{d1} 0.16
SEISMIC DESIGN CATEGORY C
BASIC SEISMIC-FORCE-RESISTING SYSTEM ORDINARY REINFORCED MASONRY SHEARWALLS

DESIGN BASE SHEAR
SEISMIC RESPONSE COEFFICIENT, C_d 1.75
RESPONSE MODIFICATION FACTOR, R 2.0
SYSTEM OVERSTRENGTH FACTOR, Ω 2.5
ANALYSIS PROCEDURE EQUIVALENT LATERAL FORCE PER ASCE 7-02



OWNER:

ARCHETYPE, P.A. ARCHITECTS
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

BURNHAM ARMS
CONGRESS STREET
PORTLAND, MAINE

Project:

Date

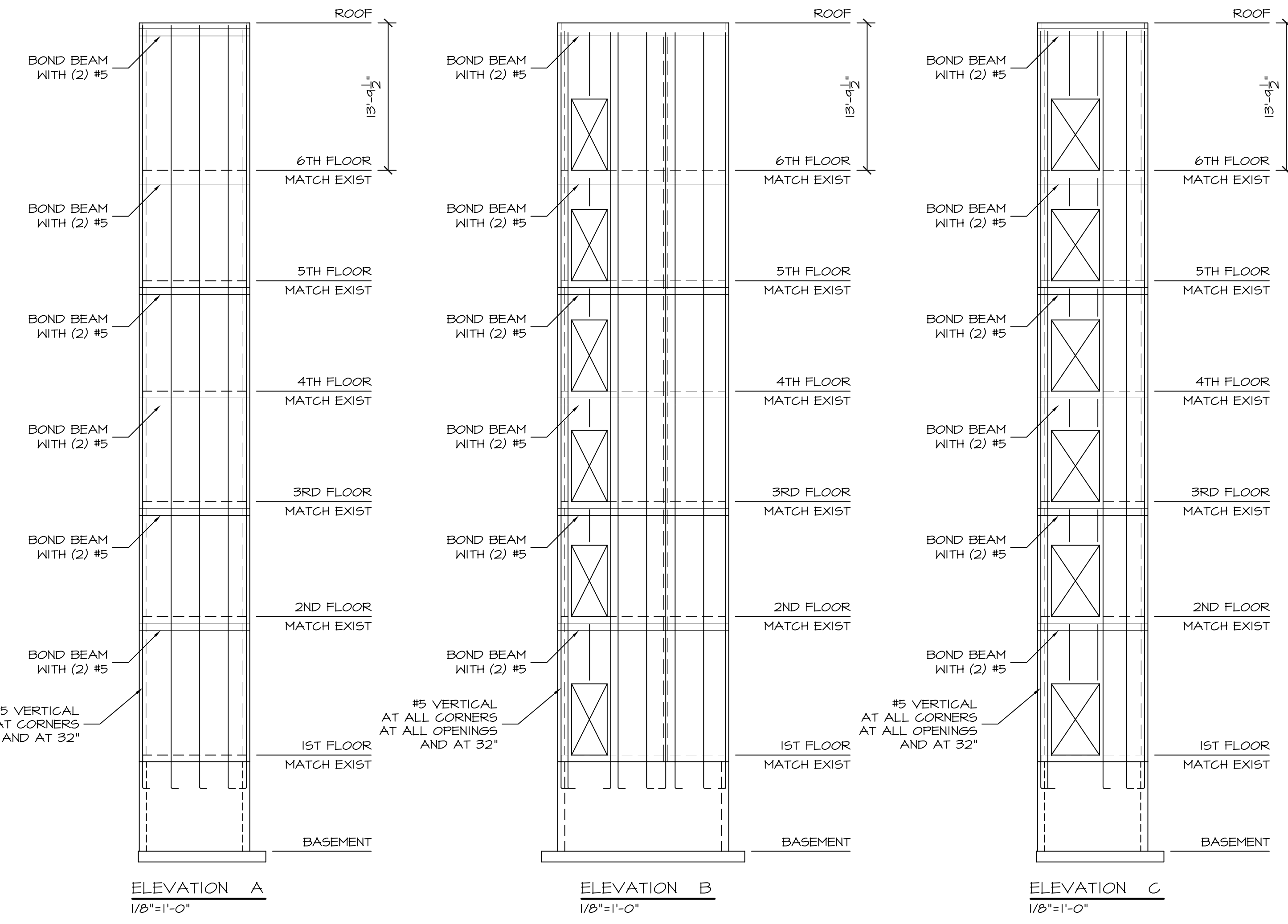
Scale

AS NOTED

Revisions:

STRUCTURAL DESIGN CRITERIA PLANS, ELEVATIONS AND DETAILS

S1



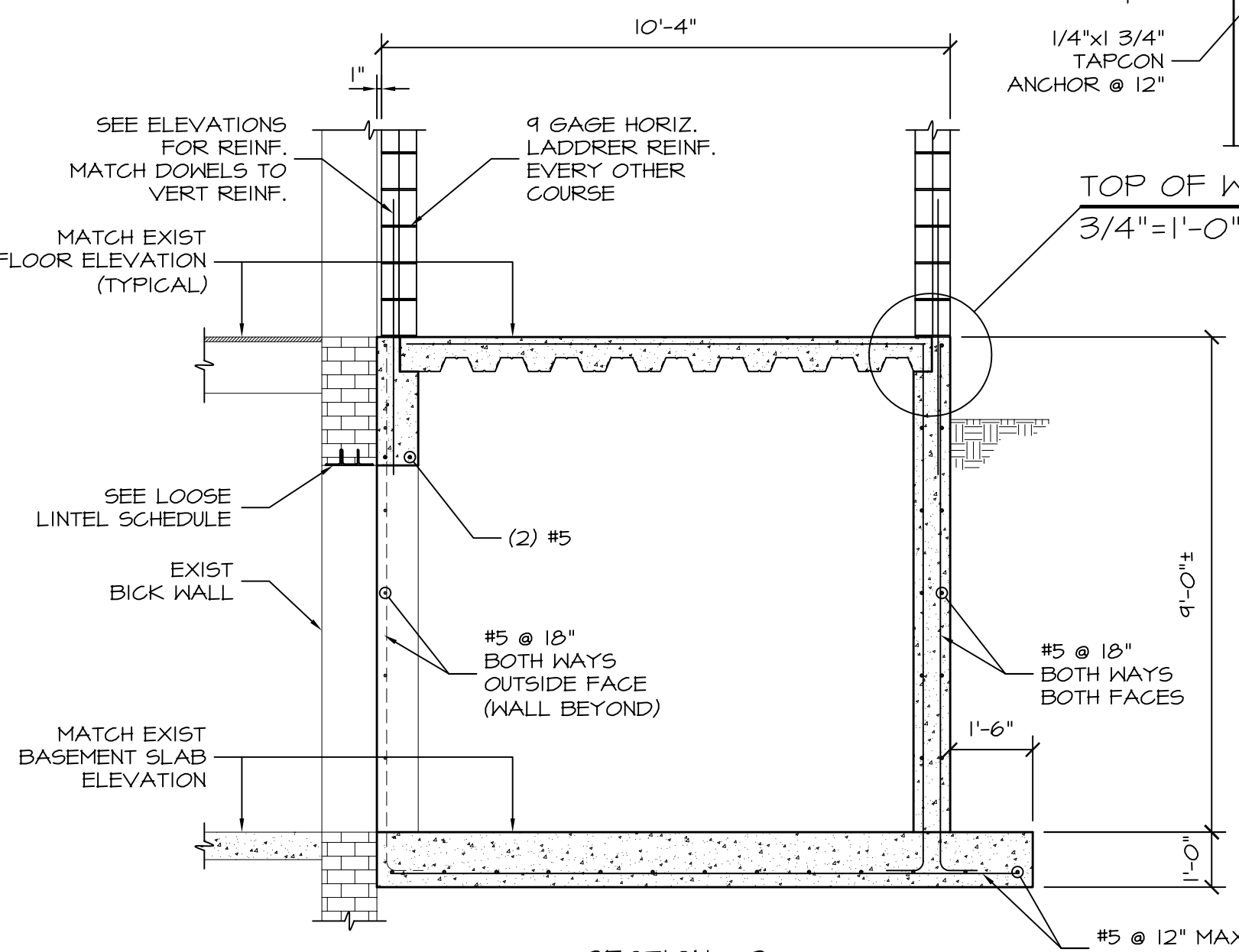
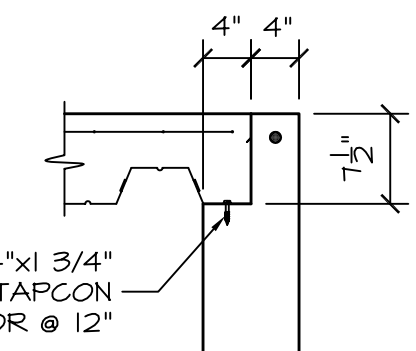
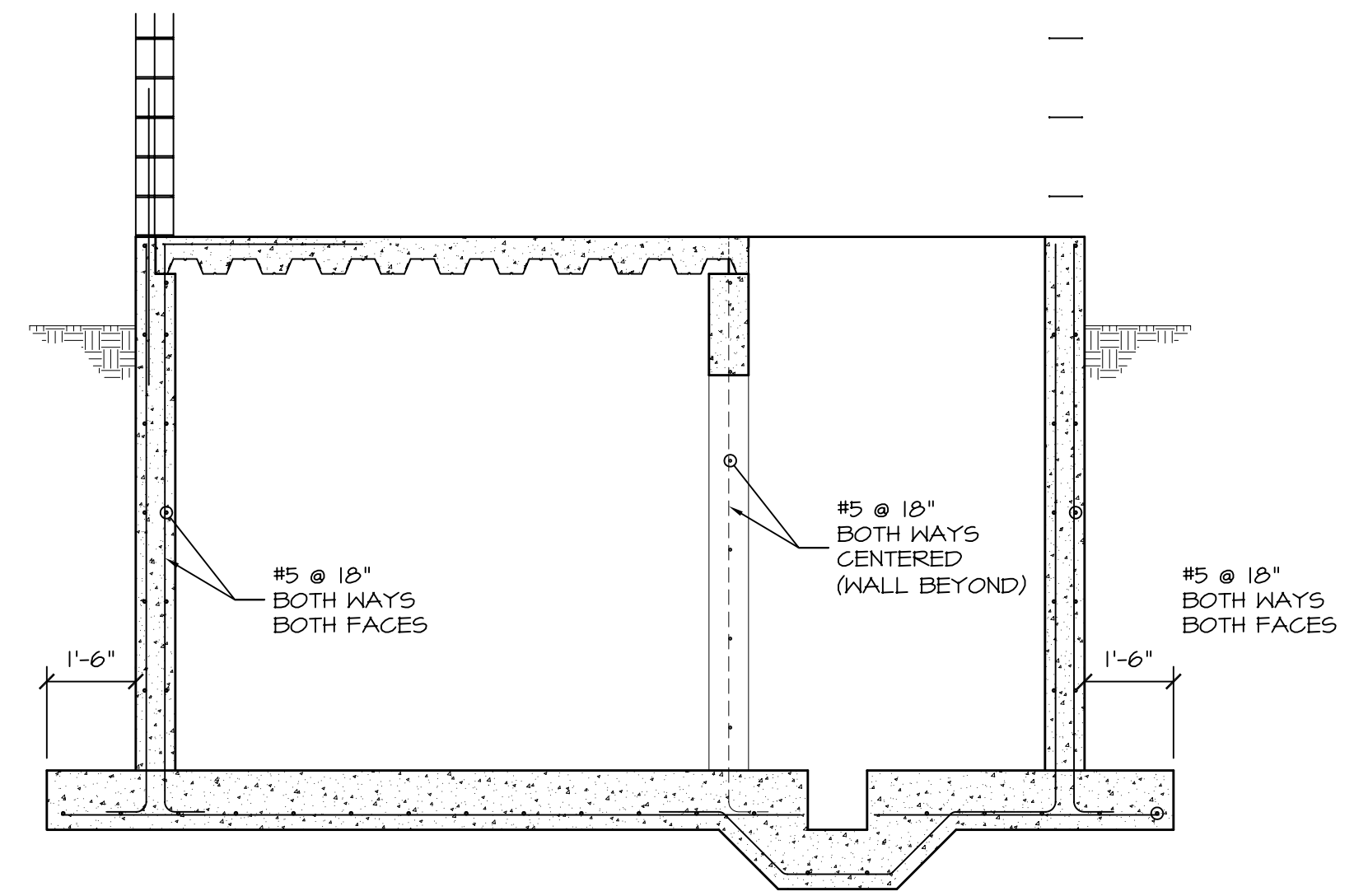
ELEVATION A
1/8"=1'-0"

ELEVATION B
1/8"=1'-0"

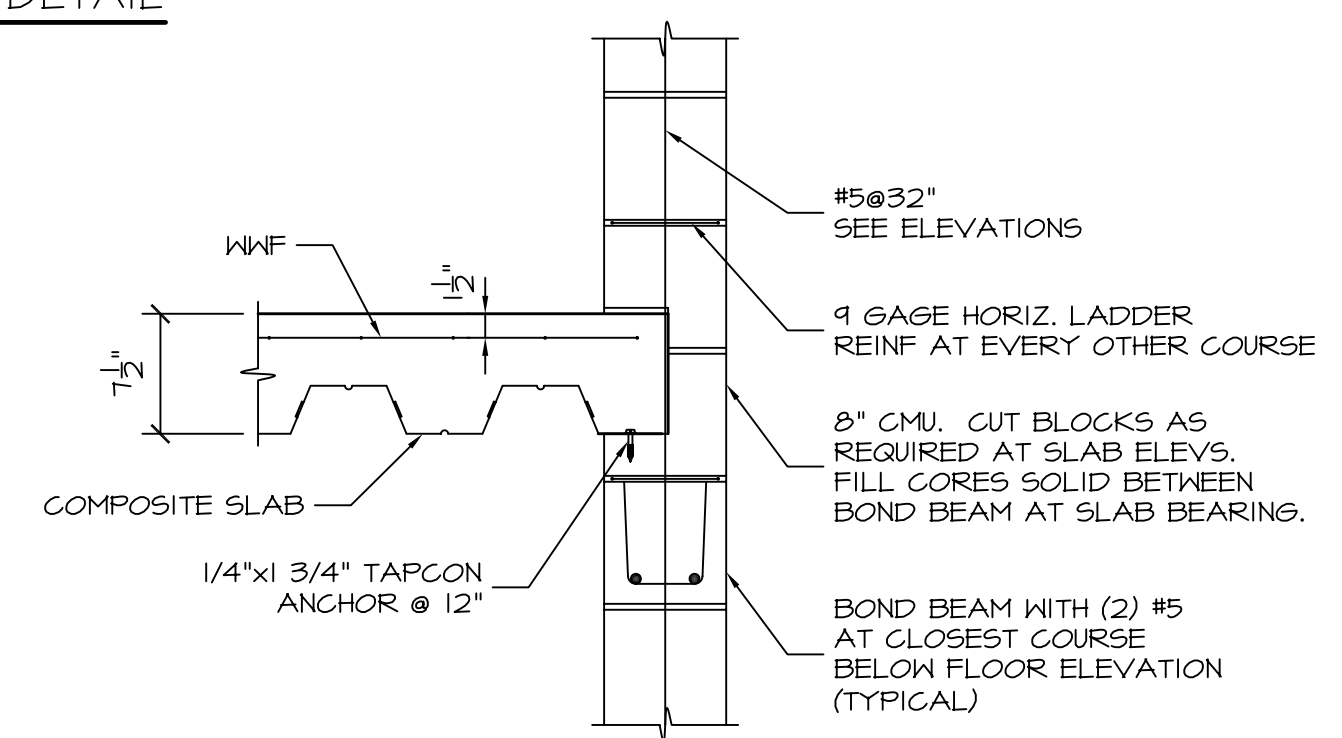
ELEVATION C
1/8"=1'-0"

LOOSE LINTEL SCHEDULE	
ROUGH OPENING	LINTEL SIZE
UP TO 3'-0"	L3x3x5/16
>3'-0" TO 4'-6"	L4x3x5/16 LLV
>4'-6" TO 6'-0"	L5x3x5/16 LLV

INSTALL ONE LINTEL FOR EACH 4" OF WALL THICKNESS
 ALL LINTELS ARE GALVANIZED
 PROVIDE 6" BEARING AT EACH END



SECTION 2
3/8"=1'-0" S1



SECTION 3
1"=1'-0" S1