

GENERAL NOTES

NOTES ON THESE DRAWINGS ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO DRAWING NOTES.

STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH PROJECT SPECIFICATIONS AND THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, EQUIPMENT, SITE AND SHOP DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF CHASES, INSERTS, SLEEVES, DEPRESSIONS AND OTHER DETAILS NOT SHOWN ON THE STRUCTURAL DRAWINGS.

ALL DIMENSIONS, ELEVATIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD BY THE GENERAL CONTRACTOR. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK. THE CONTRACTOR SHALL DETERMINE ALL NECESSARY DIMENSIONS, ELEVATIONS AND CONDITIONS REQUIRED FOR THE FABRICATION AND ERECTION OF THE BUILDING'S COMPONENTS PRIOR TO THE SUBMISSION OF SHOP DRAWINGS. ALL SHOP DRAWINGS SHALL ACCURATELY REFLECT THE GENERAL CONTRACTOR'S VERIFICATION OF FIELD CONDITIONS.

SHOP DRAWINGS SHALL BE ORIGINAL DRAWINGS PREPARED BY THE GENERAL CONTRACTOR OR A SUBCONTRACTOR. REPRODUCTION OF ANY STRUCTURAL DRAWING FOR USE AS A SHOP DRAWING IS NOT ACCEPTABLE.

THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS SOLELY THE GENERAL CONTRACTOR'S 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 AND/OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE GENERAL CONTRACTOR AFTER COMPLETION OF THE BUILDING.

SECTIONS AND DETAILS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL AND USED IN SIMILAR CONDITIONS.

THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL FOLLOW ALL APPLICABLE FEDERAL, STATE AND MUNICIPAL REGULATIONS INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

DESIGN CRITERIA

BUILDING CODE: 2003 INTERNATIONAL BUILDING CODE

DESIGN LOADS:

LIVE LOADS
RESIDENTIAL UNITS AND CORRIDORS SERVING THEM 40 PSF
PUBLIC ROOMS AND CORRIDORS SERVING THEM 100 PSF

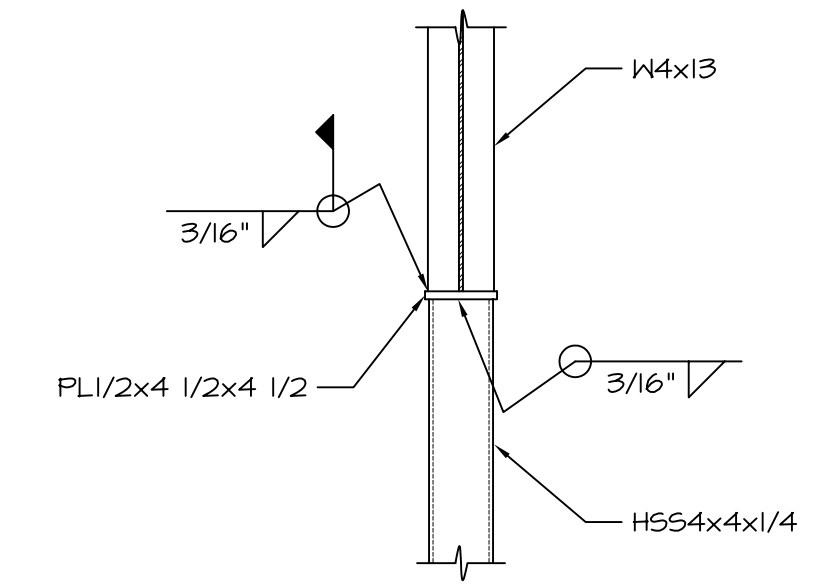
SNOW LOAD
GROUND SNOW LOAD, P_g 60 PSF
SNOW EXPOSURE FACTOR, C_e 1.0
SNOW LOAD IMPORTANCE FACTOR, I_s 1.0
THERMAL FACTOR, C_t 1.0
FLAT ROOF SNOW LOAD, P_f 46 PSF

WIND LOAD
BASIC WIND SPEED (3 SEC GUST), V_3s 100 MPH
WIND IMPORTANCE FACTOR, I_w 1.0
BUILDING CATEGORY II
EXPOSURE CATEGORY B
INTERNAL PRESSURE COEFFICIENT, G_C 0.18

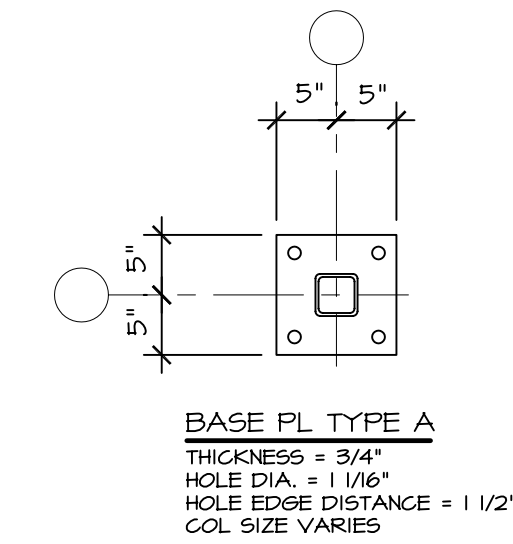
EARTHQUAKE DESIGN DATA
SEISMIC IMPORTANCE FACTOR, I_e 1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS
0.2 SEC PERIOD, S_s 0.31
1 SEC PERIOD, S_1 0.10
SITE CLASS D
SPECTRAL RESPONSE COEFFICIENTS
0.2 PERIOD 5% DAMPED, S_{ds} 0.31
1 SEC PERIOD 5% DAMPED, S_{d1} 0.16
SEISMIC DESIGN CATEGORY C
BASIC SEISMIC-FORCE-RESISTING SYSTEM LIGHT-FRAMED WALLS WITH SHEAR PANELS

DESIGN BASE SHEAR 32.2 KIPS
SEISMIC RESPONSE COEFFICIENT, C_d 4.0
RESPONSE MODIFICATION FACTOR, R 6.0
SYSTEM OVERSTRENGTH FACTOR, Ω 3.0
ANALYSIS PROCEDURE EQUIVALENT LATERAL FORCE ASCE T-02 SECTION 4.5.5

COLUMN SCHEDULE				
COLUMN MARK	SIZE	BOT. OF BASE PL. ELEV.	BASE PL. TYPE	TOP OF COLUMN ELEV.
B-1.7	H563.5x3.5x3/16	28'-1"	A	38'-0 3/4"
B-2	H563.5x3.5x3/16	28'-1"	A	38'-0 3/4"
B-2.4	H565x3x3/16	28'-1"	A	38'-2 1/4"
B'-2.7	H563.5x3.5x3/16	28'-1"	A	38'-2 1/4"
B-3.3	H563.5x3.5x3/16	28'-1"	A	38'-2 1/4"
B.2-2.7	H563.5x3.5x3/16	28'-1"	A	38'-2 1/4"
B.2-3	H563.5x3.5x3/16	28'-1"	A	37'-1 1/4"
B.2-3.3	H563.5x3.5x3/16	28'-1"	A	38'-2 1/4"
B.B-2.3	H563.5x3.5x3/16	28'-1"	A	38'-0 3/4"
C-1.7	H563.5x3.5x3/16	28'-1"	A	38'-0 3/4"
C.4-3.6	H564x4x1/4	37'-2 1/2"	A	65'-4"
C.4-3.6	W4x13	65'-4"	1/2x4 1/2x4 1/2	75'-8"
C.6-3.5	H564x4x1/4	37'-2 1/2"	A	65'-4"
C.6-3.5	W4x13	65'-4"	1/2x4 1/2x4 1/2	75'-8"

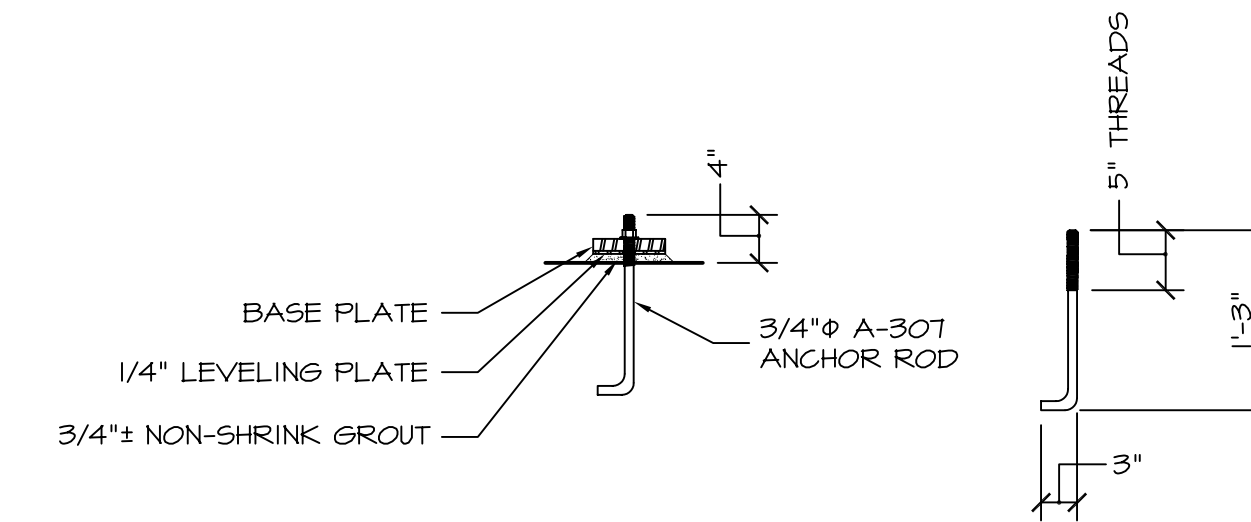


COL SPLICE AT C.6-3.5 AND C.4-3.6
1"=1'-0"



BASE PL. TYPE A
THICKNESS = 3/4"
HOLE DIA. = 1 1/16"
HOLE EDGE DISTANCE = 1 1/2"
COL. SIZE VARIES

FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
F1	3'-9" x 3'-9" x 1'-0"	4 #5 E.W. BOT.
F2	4'-6" x 4'-6" x 1'-0"	6 #5 E.W. BOT.
F3	3'-0" x 5'-6" x 1'-0"	6 #5 S.W. BOT. 4 #5 L.W. BOT.

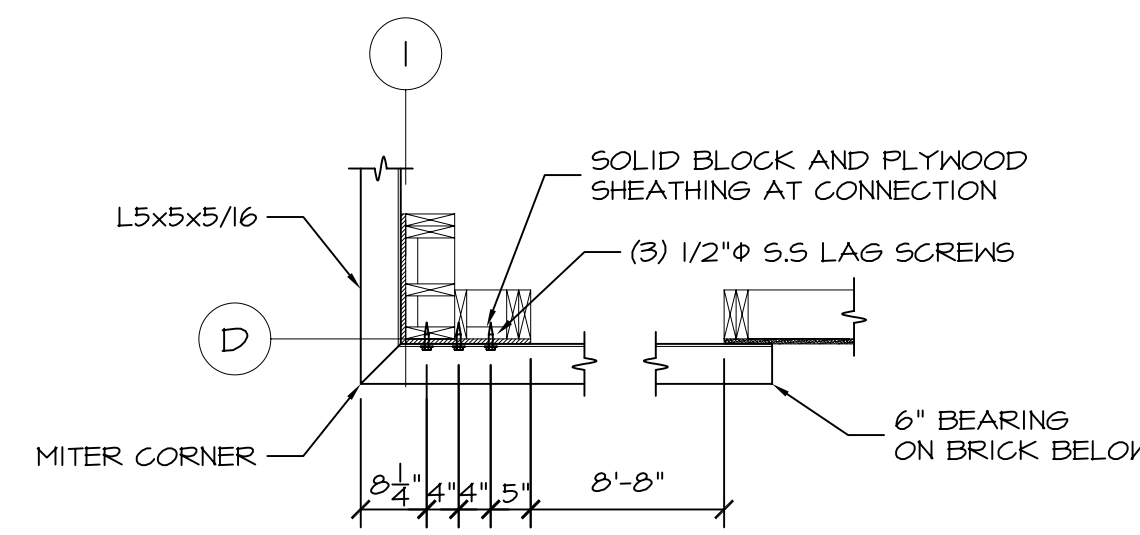


COLUMN ANCHOR ROD DETAILS
3/4"=1'-0"

LOOSE LINTEL SCHEDULE	
ROUGH OPENING	LINTEL SIZE
UP TO 4'0"	L3x3x5/16
NORTHWEST CORNER	L5x5x5/16

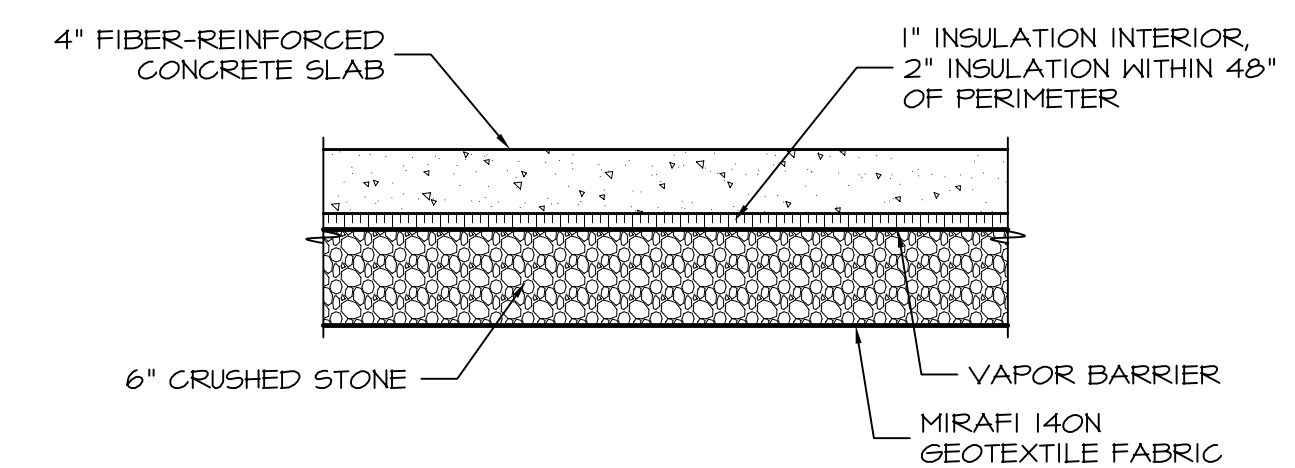
ALL LINTELS ARE GALVANIZED

PROVIDE 6" BEARING AT EACH END EXCEPT AS SHOWN BELOW.

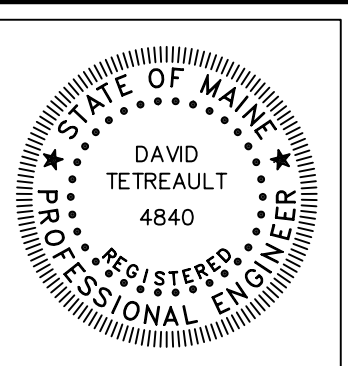


LINTEL AT NW CORNER
1/2"=1'-0"

SYMMETRICAL AT CORNER

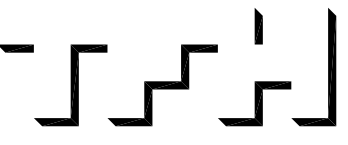


TYPICAL SLAB-ON-GRADE
1"=1'-0"



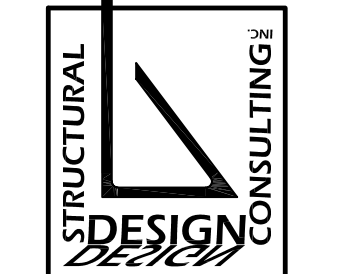
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BAYSIDE EAST
PROPOSED ELDERLY HOUSING
47 SMITH STREET, PORTLAND
FOR BAYSIDE EAST LP



TFH ARCHITECTS
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REVISIONS:

DATE: May 18, 2007
PROJECT No. 07012
DRAWN BY: DJT
CHECKED BY: DJT
SCALE: AS NOTED

SHEET TITLE:
STRUCTURAL
SCHEDULES
GENERAL NOTES
TYPICAL DETAILS

S0.1