

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 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: 1999 BOCA NATIONAL BUILDING CODE

DESIGN LOADS:

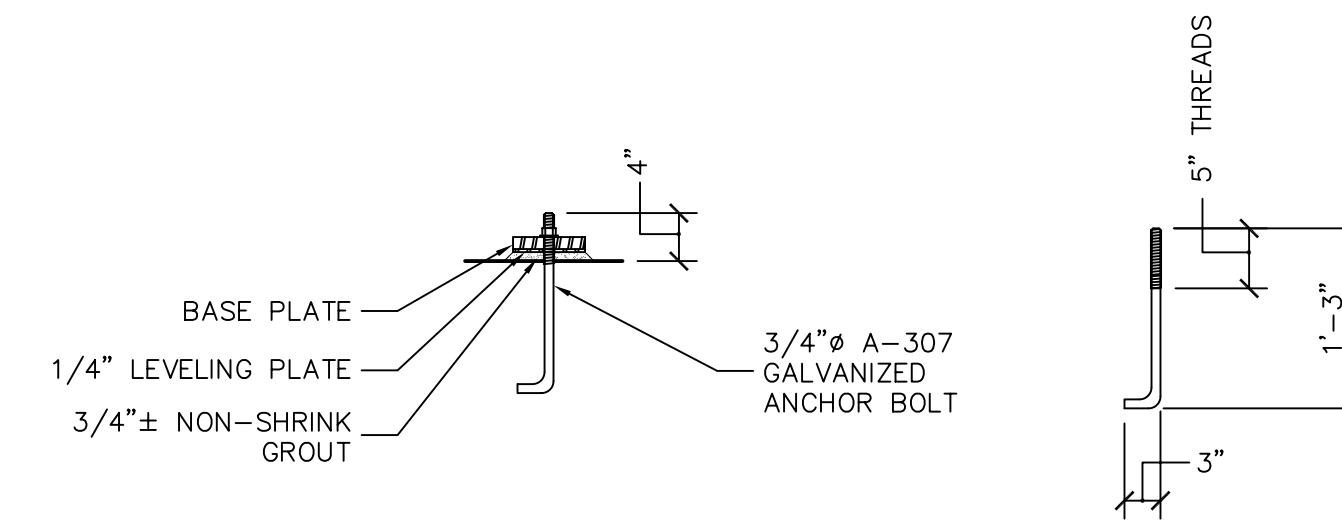
LIVE LOADS		
RESIDENTIAL UNITS AND CORRIDORS SERVING THEM	40 PSF	
OFFICES AND CHILD DEVELOPMENT	50 PSF	
PUBLIC ROOMS AND CORRIDORS SERVING THEM	100 PSF	

SNOW LOAD		
GROUND SNOW LOAD, P _g	60 PSF	
SNOW LOAD EXPOSURE FACTOR, C _e	1.0	
ROOF THERMAL FACTOR, C _t	1.1	
SNOW LOAD IMPORTANCE FACTOR, I	1.0	
FLAT ROOF SNOW LOAD, P _f	46 PSF	

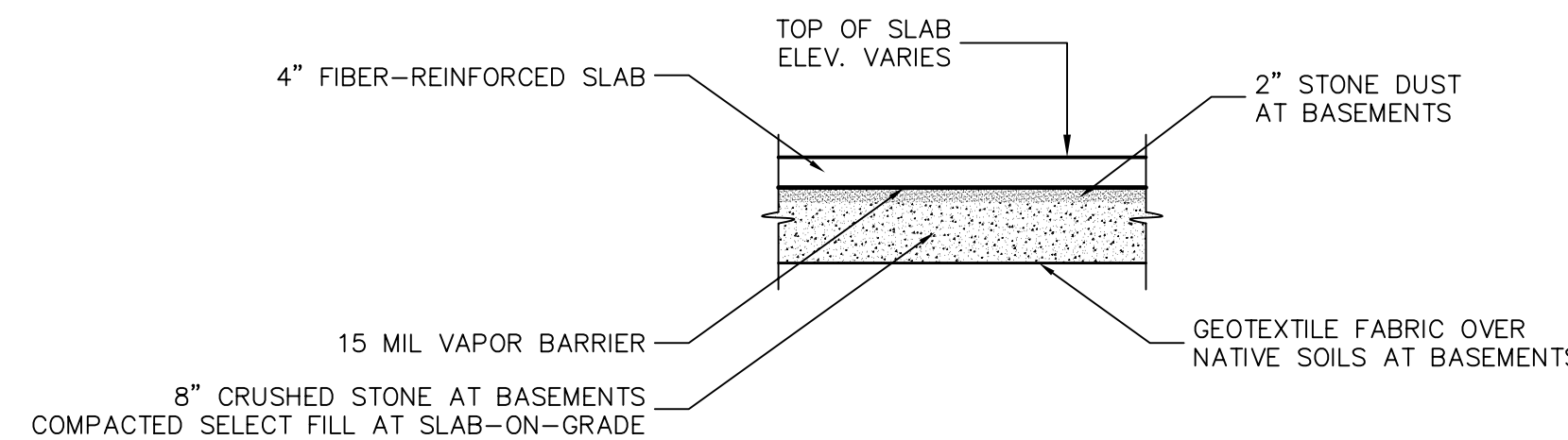
WIND LOAD		
BASIC WIND SPEED, V	85 MPH	
BASIC VELOCITY PRESSURE, P _v	18.5 PSF	
WIND LOAD IMPORTANCE FACTOR	1.10	
EXPOSURE CATEGORY		
MAINE WIND-FORCE RESISTING SYSTEM COMPONENTS AND CLADDING	B	C

EARTHQUAKE DESIGN DATA		
PEAK VELOCITY-RELATED ACCELERATION, A _v	0.10	
PEAK ACCELERATION, A _p	0.10	
SEISMIC HAZARD EXPOSURE GROUP	I	
SEISMIC PERFORMANCE CATEGORY	C	
SOIL PROFILE TYPE	S1	
SITE SOIL COEFFICIENT, S	1.0	
BASIC STRUCTURAL SYSTEM	LIGHT-FRAMED WALLS WITH SHEAR PANELS	

FOOTING SCHEDULE - BUILDINGS A&B		
MARK	SIZE	REINFORCING
F1	3'-0" x 3'-0" x 1'-0"	(4) #5 E.W. BOT.
F2	3'-6" x 3'-6" x 1'-0"	(4) #5 E.W. BOT.
F3	5'-6" x 5'-6" x 1'-2"	(6) #6 E.W. BOT.
F4	6'-0" x 6'-0" x 1'-2"	(8) #5 E.W. BOT.



TYPICAL ANCHOR BOLT DETAILS
3/4"=1'-0"



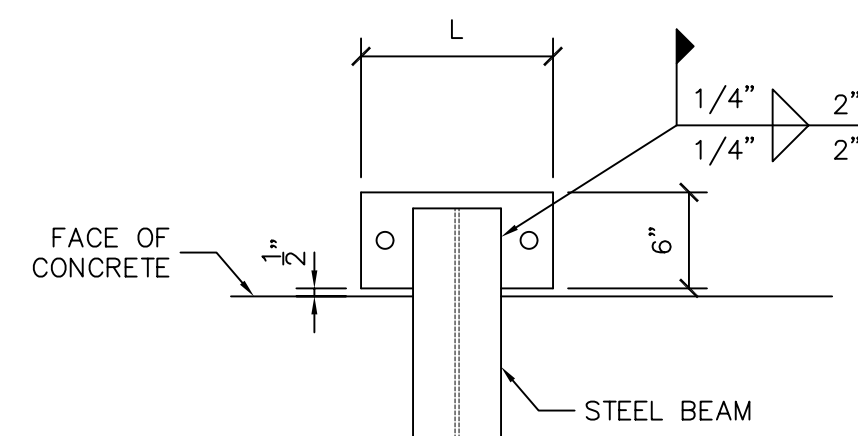
TYPICAL SOIL SUPPORTED SLAB SECTION
1/2"=1'-0"

COLUMN SCHEDULE - BUILDING A				
COLUMN MARK	SIZE	BOT. OF BASE PL. ELEV.	BASE PL TYPE	TOP OF COLUMN ELEV.
2-B.5	HSS6x6x1/4	28'-5"	A	38'-3 3/4"
2-C	HSS4x4x3/16	28'-5"	C	37'-1 7/8"
2.5-B.5	HSS6x6x1/2	28'-5"	A	38'-3 3/4"
3-B	HSS4x4x3/16	38'-2"	C	49'-9 3/4"
3-B.4	HSS4x4x3/16	37'-11"	B	49'-9 3/4"
3-B.8	HSS4x4x3/16	37'-11"	B	49'-9 3/4"
3-C	HSS4x4x3/16	34'-9"	C	49'-9 3/4"

COLUMN SCHEDULE - BUILDING B				
COLUMN MARK	SIZE	BOT. OF BASE PL. ELEV.	BASE PL TYPE	TOP OF COLUMN ELEV.
2-B.1	HSS4x4x3/16	29'-8"	B	38'-9 3/4"
2-B.4	HSS4x4x3/16	29'-8"	B	38'-9 3/4"
3-B.3	HSS4x4x3/16	29'-8"	B	38'-9 3/4"
4-B.2	HSS4x4x3/16	29'-8"	B	38'-9 3/4"
4-B.5	HSS4x4x3/16	29'-8"	B	38'-9 3/4"

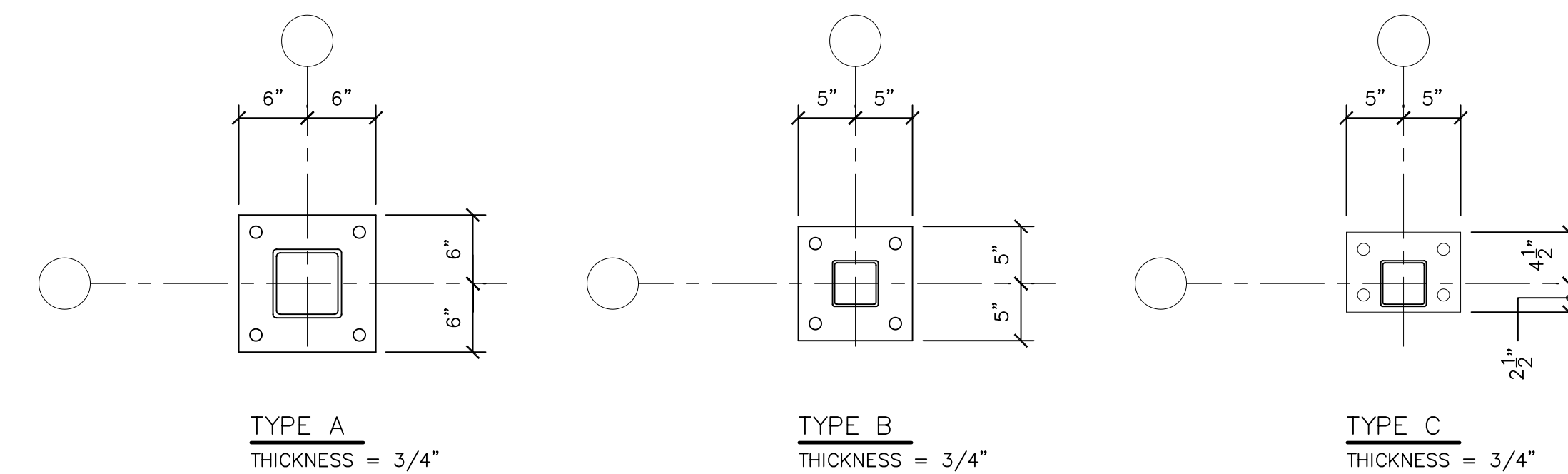
LINTEL SCHEDULE	
ROUGH OPENING	LINTEL SIZE
UP TO 3'-0"	L3 1/2x3 1/2x5/16
3'-1" TO 4'-6"	L4x3 1/2x5/16 LLV
4'-7" TO 6'-0"	L5x3 1/2x5/16 LLV
6'-1" TO 7'-6"	L6x3 1/2x5/16 LLV

STEEL L LINTEL SIZES APPLY ONLY TO LOOSE LINTELS FOR BRICK VENEER.
PROVIDE 6" BEARING AT EACH END OF ALL STEEL LINTELS.



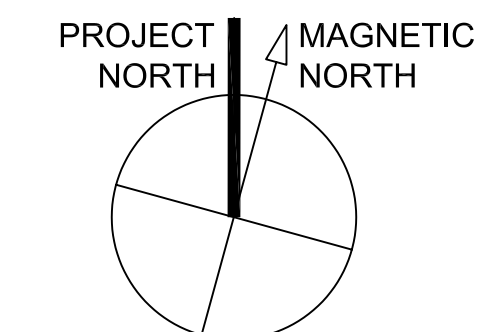
BEAM BEARING PLATE DETAIL
1"=1'-0"

THICKNESS = 5/8"
HOLE EDGE DISTANCE = 1 1/2"
HOLE DIAMETER = 1 1/16"



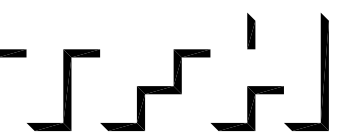
BASE PLATE DETAILS
1"=1'-0"

HOLE EDGE DISTANCE = 1 1/2"
HOLE DIAMETER = 1 1/16"



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GRANT & MELLEEN SREET
PARKSIDE NEIGHBORHOOD CENTER & AFFORDABLE HOUSING
PEOPLE'S REGIONAL OPPORTUNITY PROGRAM
PORTLAND, MAINE



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Farmton, ME 04105-2448
207-878-8030

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Portland, ME 04102
207-833-2921

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REVISIONS:

DATE: 01/29/04

PROJECT No. 0114

DRAWN BY: DJT

CHECKED BY: DJT

SCALE: AS NOTED

SHEET TITLE:

GENERAL NOTES
SCHEDULES

BUILDING A/B

S0.1