

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.

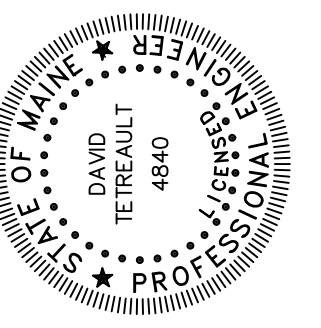
DESIGN CRITERIA

BUILDING CODE: 2003 INTERNATIONAL BUILDING CODE

DESIGN LOADS:

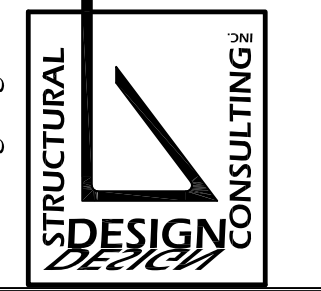
LIVE LOADS		
OFFICE	50 PSF (+20 PSF PARTITIONS)	
STAIRS	100 PSF	
SNOW LOAD		
GROUND SNOW LOAD, P _g	60 PSF	
SNOW EXPOSURE FACTOR, C _e	1.0	
SNOW LOAD IMPORTANCE FACTOR, I _s	1.0	
THERMAL FACTOR, C _t	1.0	
FLAT ROOF SNOW LOAD, P _f	42 PSF	
WIND LOAD		
BASIC WIND SPEED (3 SEC 60S), V _{3s}	100 MPH	
WIND IMPORTANCE FACTOR, I _w	1.0	
BUILDING CATEGORY	I	
EXPOSURE CATEGORY	B	
HEIGHT AND EXPOSURE ADJUSTMENT COEFFICIENT,	1.0	

EARTHQUAKE DESIGN DATA (ASCE 7-02)	
SEISMIC IMPORTANCE FACTOR, I _e	1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS	
0.2 SEC PERIOD, S _s	0.375
1 SEC PERIOD, S ₁	0.100
SITE CLASS	C
SPECTRAL RESPONSE COEFFICIENTS	
0.2 PERIOD 5% DAMPED, S _{ds}	0.30
1 SEC PERIOD 5% DAMPED, S _{d1}	0.11
SEISMIC DESIGN CATEGORY	B
BASIC SEISMIC-FORCE-RESISTING SYSTEM	LIGHT-FRAMED WALLS WITH SHEAR PANELS
DESIGN BASE SHEAR	8.5 KIPS
SEISMIC RESPONSE COEFFICIENT, C _s	0.05
DEFLECTION AMPLIFICATION FACTOR, C _d	4.0
RESPONSE MODIFICATION COEFFICIENT, R	6.0
SYSTEM OVERSTRENGTH FACTOR, Ω ₀	3.0
ANALYSIS PROCEDURE	EQUIV. LATERAL FORCE



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Project:
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BRAMHALL SQUARE
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Revisions:

Date: 1/2" = 1'-0"
**FOUNDATION SECTIONS
GENERAL NOTES**

S2.01