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 THE SAFETY OF THE BUILDING AND IT'S COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUY'S 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: 2009 INTERNATIONAL BUILDING CODE

DESIGN LOADS:

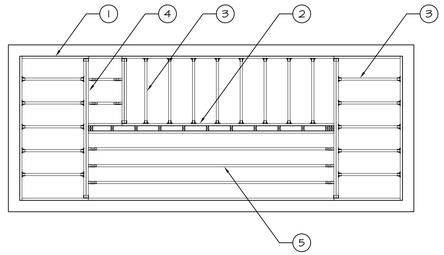
LIVE LOADS	
RESIDENTIAL UNITS AND CORRIDORS SERVING THEM	40 PSF
STAIRS AND EXITS AND BALCONY	100 PSF
PUBLIC ROOMS AND CORRIDORS SERVING THEM	100 PSF
SNOW LOAD	
GROUND SNOW LOAD, Pg	60 PSF
SNOW EXPOSURE FACTOR, Ce	1.0
SNOW LOAD IMPORTANCE FACTOR, Is	1.0
THERMAL FACTOR, Ct	1.0
FLAT ROOF SNOW LOAD, Pf	42 PSF
WIND LOAD	
BASIC WIND SPEED (3 SEC GUST), V3s	100 MPH
WIND IMPORTANCE FACTOR, Iw	1.0
BUILDING CATEGORY	I
EXPOSURE CATEGORY	B
EARTHQUAKE DESIGN DATA	
SEISMIC IMPORTANCE FACTOR, Ie	1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS	
0.2 SEC PERIOD, Ss	0.323
1 SEC PERIOD, S1	0.078
SITE CLASS	E
SPECTRAL RESPONSE COEFFICIENTS	
0.2 PERIOD 5% DAMPED, Sds	0.488
1 SEC PERIOD 5% DAMPED, Sd1	0.182
SEISMIC DESIGN CATEGORY	C
BASIC SESIMIC-FORCE-RESISTING SYSTEM	LIGHT-FRAMED WALLS WITH SHEAR PANELS
DESIGN BASE SHEAR	65.8 KIPS
SEISMIC RESPONSE COEFFICIENT, Cs	0.0751
DEFLECTION AMPLIFICATION FACTOR, Cd	4.0
RESPONSE MODIFICATION COEFFICIENT, R	6.5
SYSTEM OVERSTRENGTH FACTOR, Ω	3.0
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE

FRAMING HARDWARE SCHEDULE

LOCATION	CONNECTOR	REMARKS
6x6 EXTERIOR POST BASE	ABU66	5/8"x6" TITEN HD SCREW ANCHOR
6x6 EXTERIOR CORNER POST CAP	(2) ACE6 (MAX)	
6x6 EXTERIOR MIDDLE POST CAP	(2) LPC6Z	
2x8 FLUSH-FRAMED TO WOOD BEAM OR LEDGER	LUS28	LUS28-2 AT (2) 2x8 LUS28-3 AT (3) 2x8
SKEWED 2x10 FLUSH-FRAMED TO LVL WOOD BEAM	LSSU210	
(3) 2x12 FLUSH-FRAMED TO (3)2x12	HUC212-3	
TJI ROOF RAFTER TO BEARING WALL	(2) H4	
2x8 CANOPY ROOF RAFTER TO (3) 2x12 BEAM	H2.5A	
PREFABRICATED FLOORTRUSS TO PREFABRICATED FLOOR TRUSS	BY TRUSS SUPPLIER	

ALL HARDWARE MANUFACTURED BY SIMPSON STRONGTIE OR APPROVED ALTERNATE.

ALL HARDWARE IN CONTACT WITH CONCRETE AND/OR PRESSURE-TREATED WOOD TO HAVE Z-MAX COATING.



STAIR FRAMING SCHEDULE

MARK	MEMBER	CONNECTOR
1	2X8 LEDGER AT CMU WALL	(2) 3/8" DYNABOLT SPACED AT 24" MAX
2	2X8 LEDGER AT STUD WALL	(2) 3 5/8" LEDGERLOK AT EACH STUD
3	2X8@16" LANDING FRAMING	LUS28
4	(2) 1 3/4"x9 1/4" LVL LANDING HEADER	HUSC410
5	STRINGERS CUT FROM 1 3/4"x14" LVL @ 12" MAX	LSC TOP & BOTTOM. FASTEN STRINGERS ADJACENT TO WALLS AS NOTED FOR 2x8 LEDGERS

FRAMING HARDWARE MANUFACTURED BY SIMPSON STRONGTIE.
LEDGERLOK HEAVYDUTY WOOD SCREWS BY FASTENMASTER.
DYNABOLT SLEEVE ANCHORS BY ITW RAMSET/REDHEAD

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

SEE ARCHITECTURAL DRAWINGS FOR STAIR AND LANDING CONFIGURATIONS AND ALL DIMANSIONS.

STATE OF MAINE DAVID TETREAULT 4940 REGISTERED PROFESSIONAL ENGINEER

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Scale: As Noted

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GENERAL NOTES AND SCHEDULES

S0.01