GENERAL NOTES:

1. THE NOTES ON THESE DRAWINGS ARE NOT INTENDED TO REPLACE THE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES. INCONSISTENCIES BETWEEN THESE DRAWINGS AND THE SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.
2. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES, INSERTS, REGLETS, SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
3. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
4. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS, OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
5. SECTIONS AND DETAILS SHOWN ON ANY STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS.
6. THE CONTRACTOR SHALL PERFORM ALL WORK IN CONFORMANCE WITH ALL APPLICABLE FEDERAL, STATE AND MUNICIPAL REGULATIONS.

DESIGN NOTES

1. THIS BUILDING IS DESIGNED TO COMPLY WITH THE 2009 EDITION OF THE INTERNATIONAL BUILDING CODE AND ASCE7-05 AS ADOPTED BY THE MAINE UNIFORM BUILDING & ENERGY CODE (MUBEC).
2. DEAD LOADS = ACTUAL WEIGHTS OF COMPONENTS PLUS 5 psf ALLOWANCE FOR MISCELLANEOUS DUCTWORK, SPRINKLER PIPING AND OTHER HUNG ITEMS.
3. DESIGN FOR SNOW LOAD IS IN ACCORDANCE WITH ASCE7-05, "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES"

   A. GROUND SNOW LOAD Pg = 60 psf
   B. FLAT ROOF SNOW LOAD Pf = 42 psf
   C. SNOW EXPOSURE FACTOR Ce=1.0
   D. SNOW LOAD IMPORTANCE FACTOR: I = 1.0
   E. SNOW THERMAL FACTOR Ct = 1.0
   F. SNOW DRIFTING AND PARTIAL LOADING IN ACCORDANCE WITH ASCE7-05 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES."

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "STEEL CONSTRUCTION MANUAL" – FOURTEENTH EDITION.
2. STRUCTURAL STEEL WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A992, GRADE 50 OR ASTM STEEL. STEEL FOR PLATES, ANGLES, AND CHANNELS SHALL CONFORM TO ASTM A36. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500 GRADE B.
3. ALL WELDING SHALL CONFORM TO AWS D1.1–LATEST EDITION. ELECTRODES SHALL BE E70XX.
4. STEEL FRAMING MEMBERS AND COMPONENTS THAT REQUIRE FIREPROOFING PER THE ARCHITECTURAL DRAWINGS SHALL NOT BE PRIMED. REMAINDER OF STEEL SHALL BE PAINTED IN ACCORDANCE WITH THE SPECIFICATIONS.
5. ALL CONNECTION DETAILS NOT PROVIDED WITHIN THESE DOCUMENTS SHALL BE DESIGNED BY THE FABRICATOR'S LICENSED ENGINEER & IN ACCORDANCE WITH THESE NOTES. WHERE DETAIL IS REQUIRED TO SPECIFY FIELD ATTACHMENT, THAT DETAIL SHALL BE PROVIDED ON THE ERECTION DRAWINGS.
6. ALL CONNECTION DETAILS ARE SUBJECT TO REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD.

NOTES:
1. 1,2,3, OR 4 SIDED FRAMES MAY BE USED AS REQUIRED. ALSO, LOOSE INTERIOR MEMBERS MAY BE USED FOR ADDED ADJUSTMENT.
2. FRAME SHALL BE PROVIDED FOR ALL OPNGS LARGER THAN 12"ø AT ROOF DECK.
3. AT EXISTING ROOF DECK, FIELD WELD CONNECTIONS AS REQUIRED FOR INSTALLATION.

M4	TYP FRAMED ROOF OPENING
3/4" = 1'-0"	

NOTES:
1. DO NOT HANG CONCENTRATED LOADS LARGER THAN INDICATED, OR CLOSER THAN 2'–0" O.C., WITHOUT SPECIFIC APPROVAL FROM THE STRUCTURAL ENGINEER OF RECORD.
2. ADD ANGLES AS SHOWN A1/SF501
3. CONCENTRATED LOADS LESS THAN 40 LBS. OR A SERIES OF CONCENTRATED LOADS WITH A TOTAL LESS THAN 40 LBS. INSTALLED BETWEEN PANEL POINTS MAY BE HUNG FROM THE TOP CHORD WITHOUT INSTALLING L2x2 REINFORCEMENT.

M9	TYP JOST REINFORCEMENT
3/4" = 1'-0"	

M15	CONCRETE PAD
NTS	

NOTE:
1) MC6 IS MC6x15.1
2) C8 IS C8x11.5 W/ ⅝"ø HOLES @ 24" ON FLANGE FOR BLOCKING ATTACHMENT.
3) COORDINATE DIMENSIONS OF SUPPORT WITH UNIT PURCHASED
4) PROVIDE FRAME AS SHOWN IN M4/SF501 FOR ROOF DECK OPENINGS

E4	MECHANICAL UNIT SUPPORT DETAIL
1/2" = 1'-0"	

E9	MECHANICAL UNIT SUPPORT SECTION
1 1/2" = 1'-0"	

E14	SECTION
1 1/2" = 1'-0"	

A1	JOIST WEB REINFORCEMENT @ RTU'S
3/4" = 1'-0"	

A14	JOIST SECTION
1 1/2" = 1'-0"	

REV.	DESCRIPTION	DATE
1	CONFORMED SET	4–21–15
0	ISSUED FOR CONSTRUCTION	3–3–15

CONFORMED SET
4–21–15

CURRENT ISSUE STATUS:

STATE OF MAINE ANDREW D. BRADLEY No. 9840 LICENSED PROFESSIONAL ENGINEER

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L.L. BEAN
CHESHIRE BUILDING RENOVATIONS
PORTLAND, MAINE

FRAMING SECTIONS AND DETAILS

SHEET TITLE:			
SCALE:	AS NOTED	DATE:	3–3–15
PROJECT MANAGER:	JLH	GRAPHIC SCALE:	0" 1"
JOB CAP/DRAWN:	SJF		
A/E OF RECORD:	ADB	SHEET No.	SF501
SMRT CAD FILE:	SF501–14199		
PROJECT No.	14199–00		

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