

GENERAL STRUCTURAL NOTES

- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF ALL APPLICABLE STATE AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO:
 - Maine Uniform Building and Energy Code (MUBEC) consists of the following codes:
 - 2009 International Residential Code (IRC)
 - 2009 International Building Code (IBC)
 - 2009 International Existing Building Code (IEBC)
 - 2009 International Energy Conservation Code (IECC)
 - ANSI-ASCE 7-05
 - ACI 318.03 BUILDING CODE REQUIREMENTS FOR CONCRETE
 - AISC 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"
 - AISC STEEL CONSTRUCTION MANUAL 9TH ED ASD
 - SISI COLD FORMED STEEL DESIGN MANUAL
 - ANSI/AIAA NDS-11997
- ROOF DESIGN LOADS:
 - ROOF SNOW LOAD 42 PSF
 - DEAD LOAD 15 PSF
- WIND LOADS:
 - BASED ON WIND SPEED OF 95 MPH, 35 PSF PRIMARY BUILDING FRAME AND COMPONENTS AND CLADDING, 20 PSF NET UP/LIFT.
- CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ENGINEER ANY CONDITIONS DIFFERENT FROM THOSE SHOWN ON THE DRAWINGS AND ALSO ANY CONDITIONS THAT PERTAIN TO THE CONSTRUCTION OF THE WORK AS SHOWN ON THE CONSTRUCTION DRAWINGS.
- ALL WORK SHALL BE PERFORMED BY PERSONS QUALIFIED IN THEIR TRADE AND LICENSED TO PRACTICE SUCH TRADE IN THE STATE IN WHICH THE PROJECT IS LOCATED.
- THESE DRAWINGS SHALL BE USED IN CONJUNCTION WITH ANY ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS, IN ACCORDANCE WITH THE PROJECT'S CONTRACT DOCUMENTS PROVIDED BY SUBCONTRACTORS AND SUPPLIERS.

LIFE SAFETY

- EACH DWELLING UNIT MUST BE EQUIPPED WITH A SMOKE ALARM AND HEAT ALARM.
- THE COMMON AREAS MUST BE EQUIPPED WITH SMOKE ALARMS. COMMON AREA ALARMS MUST BE TIED INTO A SIGNALING DEVICES IN EACH DWELLING UNIT.
- A MINIMUM OF ONE-HOUR RATED FIRE SEPARATION MUST EXIST HORIZONTALLY AND VERTICALLY BETWEEN INDIVIDUAL DWELLING UNITS & COMMON AREAS AND DWELLING UNITS.
- FIRE CHARGER 43 IN MPRA 101 REHABILITATION TO THIS SECTION 43.4 DETAILS REQUIREMENTS OF THE REMOVAL CLASSIFICATION. THIS CLASSIFICATION DOES NOT HAVE A REQUIREMENT FOR EXTINGUISHING SYSTEMS. AS SUCH, THE REHABILITATION OF THIS BUILDING WILL NOT INCLUDE THE INSTALLATION OF AN EXTINGUISHING SYSTEM, UNLESS JURISDICTION THEREON IS PROVIDED BY THE AUTHORITIES HAVING JURISDICTION.
- THERE MAY BE OTHER LIFE SAFETY REQUIREMENTS NOT ADDRESSED ON THESE DESIGN PLANS THAT ARE REQUIRED.

GENERAL STRUCTURAL NOTES CONT.

- UNLESS OTHERWISE NOTED, DETAILS, SECTIONS, AND NOTES SHOWN ON ANY DRAWING SHALL BE CONSIDERED TYPICAL FOR ALL SIMILAR DETAILS.
- THESE DRAWINGS DO NOT SHOW SIZE, LOCATION OR TYPE OF OPENING IN THE FOUNDATION SYSTEM FOR ELECTRICAL, PLUMBING OR MECHANICAL EQUIPMENT. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THESE ITEMS.
- ALL SHOP DRAWINGS PROVIDED BY OTHERS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION OF MATERIAL OR THE PURCHASE OF NON-RETURNABLE STOCK. DIMENSIONAL REVIEW IS THE CONTRACTOR'S RESPONSIBILITY.

WOOD FRAMING NOTES

- STRUCTURAL LUMBER: No. 2 SPRUCE-PINE-FIR OR BETTER LAMINATED VENEER LUMBER (LVL) EQUIVALENT TO 20E S.P., MICRO-LAM BY TREX JOIST EQUIVAILANT.
- DESIGN CODES:
 - A. NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
- FASTENERS: COMPLY WITH RECOMMENDED FASTENING SCHEDULE OF THE IBC 2009 BUILDING CODE, UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
- FASTENER REQUIREMENTS FOR 2X4 WOOD ROOF SHEATHING:
 - PROVIDE #8 SCREWS AS FOLLOWS, UNLESS SHOWN OTHERWISE:
 - 6" O.C.: ALONG ALL PANEL EDGES
 - 6" O.C.: ALONG INTERMEDIATE MEMBERS
- ROOF SHEATHING: APA RATED SHEATHING, EXPOSURE I OR STRUCTURAL I OR II RATED SHEATHING, EXPOSURE I. ROOF: MIN 23/32", SPAN RATING 40/20.

WOOD CLEANING AND SEALING

- THE STEPS BELOW ILLUSTRATE COMMONLY RECOGNIZED INDUSTRY STANDARDS OF PRACTICE FOR CLEANING AND TREATING SMOKE AND SOOT DAMAGED WOOD ELEMENTS
- CLEANING AND SEALING THE WOOD FRAMING OF SMOKE AND SOOT SHALL BE CONDUCTED IN ACCORDANCE WITH IBC 5502.
 - REMOVE SMOKE AND SOOT FROM THE EXTERIOR AND INTERIOR SURFACES OF WOOD FRAMING AND FINISHES FROM THE INTERIOR TO EXPOSE THE UNDERLYING WOOD FRAMED STRUCTURE.
 - AFTER WALL STUDS AND FRAMING ARE EXPOSED FROM THE INTERIOR, DRY ICE BLAST OR USE OTHER ACCEPTABLE CLEANING METHODS ON THE FRAMING AND EXISTING WALLS TO REMOVE SURFACE AND EMBEDDED SOOT AND SMOKE PARTICLES.
 - REMOVE SMOKE AND CLEANING ATTEMPTS MAY BE REQUIRED TO ADEQUATELY REMOVE CONTAMINANTS.
 - AFTER CLEAN AND DRY, HEAVY-VAC DISCHARGE TO EXTERIOR THEN HEPA-VAC SURFACES.
 - USE BIO-REMEDIATION CLEANING AGENT TO DECONTAMINATE ANY REMAINING MICROBIAL GROWTH USUALLY CAUSED BY FIRE SUPPRESSION WATER.
 - FRAMING IS STRONGLY RECOMMENDED TO BE COMBINED, AND/OR TOO TO BE TREATED WITH AN ANTI-MOLD AGENT, THEN REMOVE AND REPAINT.
 - ENGINEER TO FIELD DETERMINE AFTER FULLY EXPOSED.
 - POST-TREAT SEAL WITH SEALING AGENT SUCH AS BIN BY RUST-OLEUM OR EQUAL.
 - AS A SECONDARY PRECAUTION TO HELP CONTROL ODOR AND IMPROVE THERMAL PERFORMANCE, APPLY CLOSED-CELL SPRA-FOAM INSULATION TO THE EXTERIOR WALL ASSEMBLY AND ALONG THE UNDERSIDE OF THE ROOF FRAMING.

C4

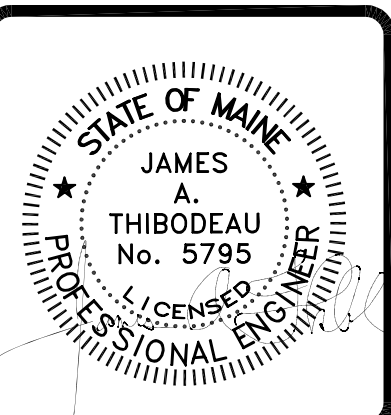
C3

B3

B2

A4

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PROJECT: **129 GRANT ST. PORTLAND, MAINE**
 FOR: RAS CONSTRUCTION

SHEET TITLE: **NOTES ISSUED FOR PERMITTING**

No.	BY	DESCRIPTION	DATE

DATE : 9-3-13
 SCALE : AS NOTED
 DESIGN BY: JAT
 DRAWN BY: RC
 FILE #: 1329-A101.DWG
 PROJECT NUMBER: **13229**
 SHEET NO.: **C2**