

Permit Set  
May 28, 2015

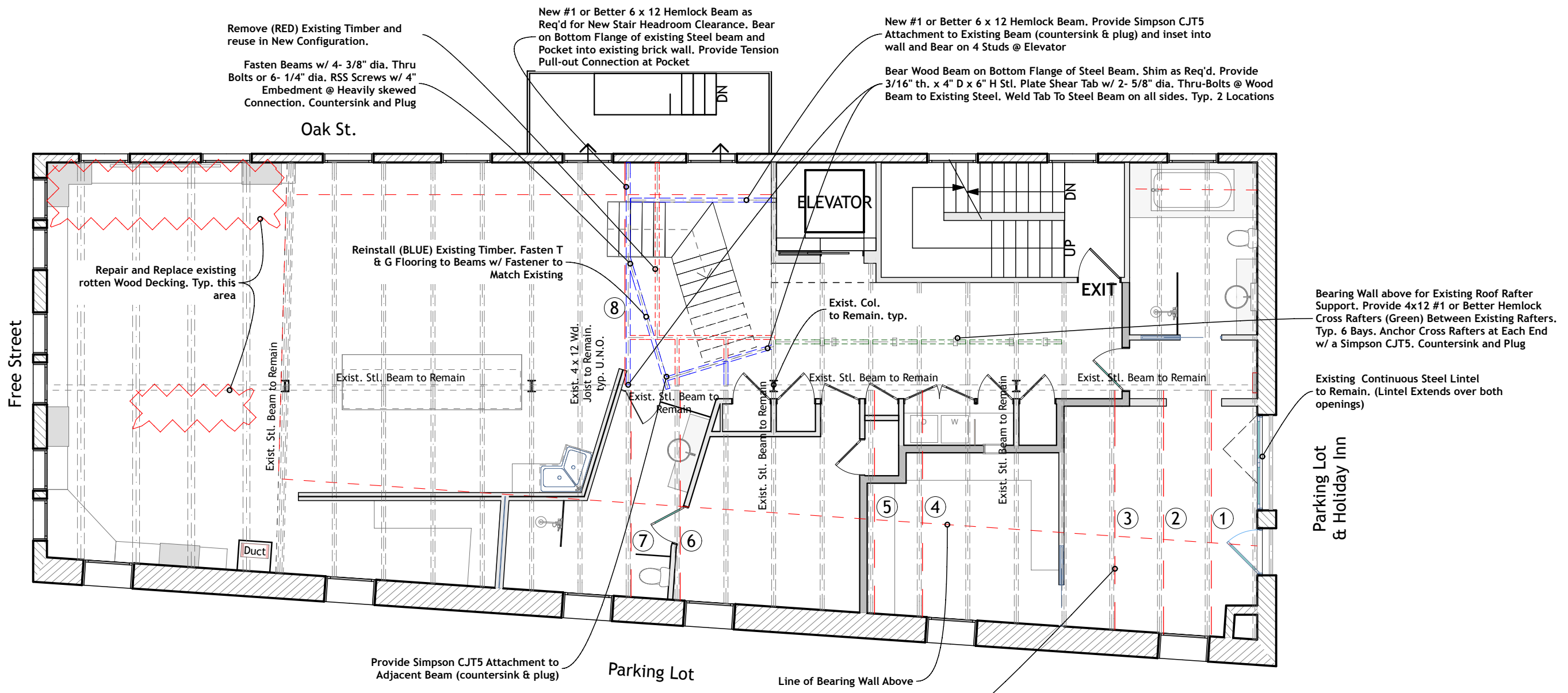
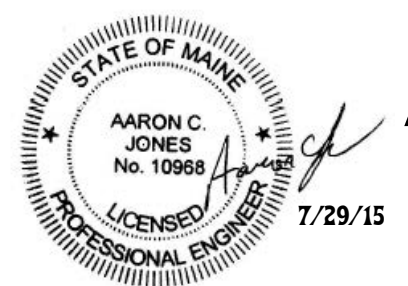
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DATE OF ISSUE:  
7/29/15  
PROJECT STATUS:  
Schematic design

44 Oak Street  
Michael Keon  
44 Oak Street Portland ME 04101

A401

4TH FLOOR  
CEILING  
FRAMING



Remove (RED) Existing Timber and reuse in New Configuration.  
Fasten Beams w/ 4- 3/8" dia. Thru Bolts or 6- 1/4" dia. RSS Screws w/ 4" Embedment @ Heavily skewed Connection. Countersink and Plug

New #1 or Better 6 x 12 Hemlock Beam as Req'd for New Stair Headroom Clearance. Bear on Bottom Flange of existing Steel beam and Pocket into existing brick wall. Provide Tension Pull-out Connection at Pocket

New #1 or Better 6 x 12 Hemlock Beam. Provide Simpson CJT5 Attachment to Existing Beam (countersink & plug) and inset into wall and Bear on 4 Studs @ Elevator

Bear Wood Beam on Bottom Flange of Steel Beam. Shim as Req'd. Provide 3/16" th. x 4" D x 6" H Stl. Plate Shear Tab w/ 2- 5/8" dia. Thru-Bolts @ Wood Beam to Existing Steel. Weld Tab To Steel Beam on all sides. Typ. 2 Locations

Repair and Replace existing rotten Wood Decking. Typ. this area

Reinstall (BLUE) Existing Timber. Fasten T & G Flooring to Beams w/ Fastener to Match Existing

Exist. Col. to Remain. typ.

Bearing Wall above for Existing Roof Rafter Support. Provide 4x12 #1 or Better Hemlock Cross Rafters (Green) Between Existing Rafters. Typ. 6 Bays. Anchor Cross Rafters at Each End w/ a Simpson CJT5. Countersink and Plug

Existing Continuous Steel Lintel to Remain. (Lintel Extends over both openings)

Provide Simpson CJT5 Attachment to Adjacent Beam (countersink & plug)

Provide Cont. MC 8 x 8.5 Steel Channel Sistered to Existing Wood Joist. Extend into Exist. Wall and Into Existing Steel Beam. Fasten w/ 2- 3/8" Dia. thru-bolts @ 24" o.c. Provide Steel Shim or Seat at each End. Typ. of 8 (#)

2 4th Floor Ceiling Framing  
SCALE: 1/8" = 1'-0"  
0 4' 8' 16'