Perm
May 28

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 08/04/15

CALEB ARCHITECT
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4 x 12 #1 or Better Hemlock Beam Above @ Stair End Wall. Set into existing Elev. Wall on 3 2x6 Studs and Set into New wall on 3- 2x8's.

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 4. (#)

Attach Steel Plate 1/2" Th. x 3 1/2" W x Continuous to Bottom Flange of Existing Steel Beam From Exist. Exterior wall to First Column Only. Full Penetration Welds At Splices as Needed. Provide the following Welds Along Each Side of Plate:

6" Cont. on Each Side at Plate Ends — 5/16" 2" @ 12" Typ. Each Side

2 x 8 Ballooned Framed Bearing Wall (12" o.c.) w/ 3-studs Under Each Existing Cut Roof Rafter and one Stud on each side of Existing Pocketed Joist to Anchor new wall to existing structure. Extend from 5th Floor Floor to Underside of Roof Framing at Stair Enclosure Above . Provide Horiz. Blocking in Wall just above existing Roof Decking for Wall Sheathing Attachment.

Carefully Remove Existing 2x8 inner Portion of Window Header and Install New 1 3/4 x 7 1/4 LVL at Center of Wall. Reinstall 2 x 8. Provide 1/2" Cont. Plywood Buck to Bottom of Header. Typ. of 5. Anchor LVL and 2 x 8 to Wood Plate Above

2 x 12 #1 or Better Hemlock Ledger Between Each Rafter. Anchor to Wall w/ 2- 1/4" dia. x 4 1/2" RSS Screws @ 12" O.C. Countersink and Plug. Fasten Decking to Ledger w/ 10D @ 6" O.C.

2 5th Floor Ceiling Framing

SCALE: 1/8" = 1'-0"

0 4' 8' 12'

DRAFTSPERSON: DGB
DATE OF ISSUE: 7/28/15
PROJECT STATUS: Schematic design

44 Oak Street

Michael Keon
44 Oak Street Portland ME 04101

STATE OF MAINE
AARON C. JONES
No. 10968
LICENSED
PROFESSIONAL ENGINEER
7/29/15

A402

5TH FLOOR CEILING FRAMING

/Volumes/Network Files/CJAB/PROJECTS/1 CURRENT PROJECTS/KEON/KEON 2/1 DESIGN/DRAWINGS/5 CD/ARCHICAD/Keon_G2 Phase 2 .pln