Reviewed for Code Compliance
Inspections Division
Portland, Maine
Date: 02/02/17

TOP OF WALL DETAIL AT LOAD BEARING WALLS & FIRE BARRIERS

2 FIRE RATED ASSEMBLIES

SCALE: 3" = 1'-0"

ASSEMBLY NOTES

(A) **PITCHED ROOFS: ~ R-66.4**
Self-Sealing Asphalt Shingles,
On Roofing Underlayment,
On Roof Sheathing (See Struct.),
On PE Truss (See Struct.) w/1'-6" Loose Fill Cellulose Insulation,
On 1x Strapping
On Vapor Retarder & Air Barrier Membrane: Intello ProClima Plus,
On 5/8" GWB Ceiling,
Dropped Ceilings where applicable - See RCP

(A2) PITCHED ROOFS (@ CATHEDRAL CEILING):
Self-Sealing Asphalt Shingles,
On Roofing Underlayment,
On Roof Sheathing w/ Taped Seams (Air Barrier)(See Struct.),
On PE Truss (See Struct.), w/Dense Pack Cellulose Insulation full cavity
On 1x Strapping
On Vapor Retarder Membrane: Intello ProClima Plus,
On 5/8" GWB Ceiling

(B) PITCHED ROOF (@ EAVES):
Self-Sealing Asphalt Shingles,
On Roofing Underlayment,
On Roof Sheathing (See Struct.),
On PE Truss or Roof Framing Per Structural (See Struct.)
On Painted 3/4" MDO Soffit,
See Details for Fascia, Venting and Drip Edge information,
Overhangs Vary. See Roof Plan.

(C) **EXTERIOR WALL: ~ R-33.7**
Exterior Fibercement Siding (See Elevations for Extents),
On (1x K.D. strapping w/ black vinyl bug screen),
On Air Barrier: Henry VP100,
On 1/2" CDX Plywood (See Struct.),
On 10" Double Stud Framing w/Full-Depth Dense Packed Cellulose
On MemBrain Vapor Retarder Membrane (stapled over insul. netting),
On 5/8" GWB,

(D) **CONC. FOUND. WALL: ~R-14 @ CONC. FOUND. STEPPED WALL**
Free Draining Backfill,
On Sheet Waterproofing w/ Dimple Mat, Fluid-Applied Damproofing,
On Reinforced Concrete Wall (See Struct.),
On 2" Foil Faced Polyiso Insul. (R-13) Taped & Sealed,
On 5/8" GWB

(E) CONC. FOUND. WALL (AT CRAWLSPACE EXTERIOR):
Free Draining Backfill,
On Sheet Waterproofing w/ Dimple Mat, Fluid-Applied Damproofing
Reinforced Concrete Wall (See Struct.),
On 2" EPS insulation, extend 24" min. below sub-slab EPS (See details)

(F) **INTERIOR SLAB ON GRADE: ~ R-13.6**
Sealed Reinforced 4" Concrete slab (See Struct),
On 15 Mil. min. Poly Vapor Barrier Taped and Sealed,
On 3" Rigid EPS Insulation,
On 6" Crushed Gravel Fill (No Fines)

(G) EXPOSED FRAMED FLOORS:
Finish Floor Material (See Interior Finish Schedule),
On T+G Sheathing (See Struct.),
On Floor Joists (See Struct.) w/Full-Depth Dense Packed Cellulose
On 1/2" CDX Plywood,
On Henry VP100,
On 1x Furring,
On Painted MDO Soffit

SEE A-4.0 FOR INTERIOR FRAMED FLOOR DETAILS

SEE A-4.0 FOR INTERIOR FIRE RATED WALL DETAIL

1 RADON SUCTION PIT

SCALE: 3/4" = 1'-0"

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PROJECT:

NEW TWO-FAMILY DWELLING

380 DANFORTH
PORTLAND ME 04101

NOT FOR CONSTRUCTION

PROJECT NO:	BMF2
DATE:	01/18/17
DRAWN BY:	JT/CA
PHASE:	CD PRICING

SECTION DETAILS

A-4.0