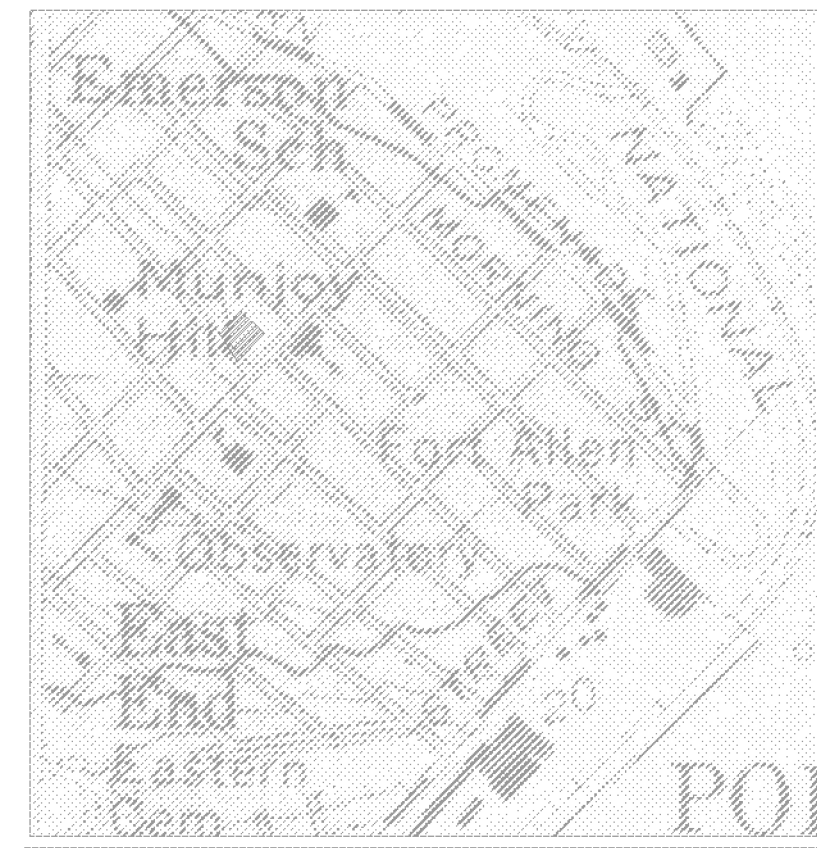


5 MERRILL STREET

5 MERRILL ST.
PORTLAND, MAINE



LOCATION MAP

CODE REVIEW

MUBEC - MAINE UNIFORM BUILDING AND ENERGY CODE
2009 INTERNATIONAL BUILDING CODE
2009 INTERNATIONAL ENERGY CONSERVATION CODE
2009 NFPA 101 LIFE SAFETY CODE, NFPA 5000
2009 AMERICANS WITH DISABILITY ACT
CITY OF PORTLAND, MAINE ORDINANCES

IBC NFPA CODE STUDY:

USE GROUP R-3 TWO FAMILY RESIDENCE

USE AND OCCUPANCY CLASSIFICATIONS

FLOOR AREAS: (Including Stairs)
FIRST FLOOR = 1,209 s.f.
2ND FLOOR = 1,400 s.f.
3RD FLOOR = 1,400 s.f.
4TH FLOOR = 1,400 s.f.
ROOF = 100 s.f.

TYPE OF CONSTRUCTION - CONSTRUCTION TYPE V-B

FIRE RATINGS OF ASSEMBLIES
EXTERIOR WALLS - 0 HR.
INTERIOR WALLS - 0 HR.
TENANT SEPARATION WALLS - 1 HR
CEILING/FLOOR - 0 HR
ROOF - 0 HR

DETECTION AND EXTINGUISHMENT -
SPRINKLER SYSTEM - AS REQUIRED BY ORDINANCE
FIRE PROTECTION - SMOKE ALARM SYSTEM
CARBON MONOXIDE - AS REQUIRED BY CODE

RESIDENTIAL SPECIFICATIONS:

FLOOR SYSTEM:
Joists As Indicated
Bridging at Center
Subfloor As Indicated

EXTERIOR WALLS:
2x Studs as Indicated (16"oc)
Sheathing as Indicated
Vapor Barrier at Inside
Siding/Finish By Owner

INTERIOR WALLS:
2x4 Studs @ 16"oc U.N.O.
1/2" Gypboard as Indicated-U.N.O.

ROOF SYSTEM:
Joists as Indicated
Sheathing as Indicated (3/4")
15# Underlayment
Ice & Water Shield at Eaves/Valleys
.060 EPDM Adhered Rubber Membrane

INSULATION:
Exterior Walls R-21
Roof R-38
Frost Wall R-10

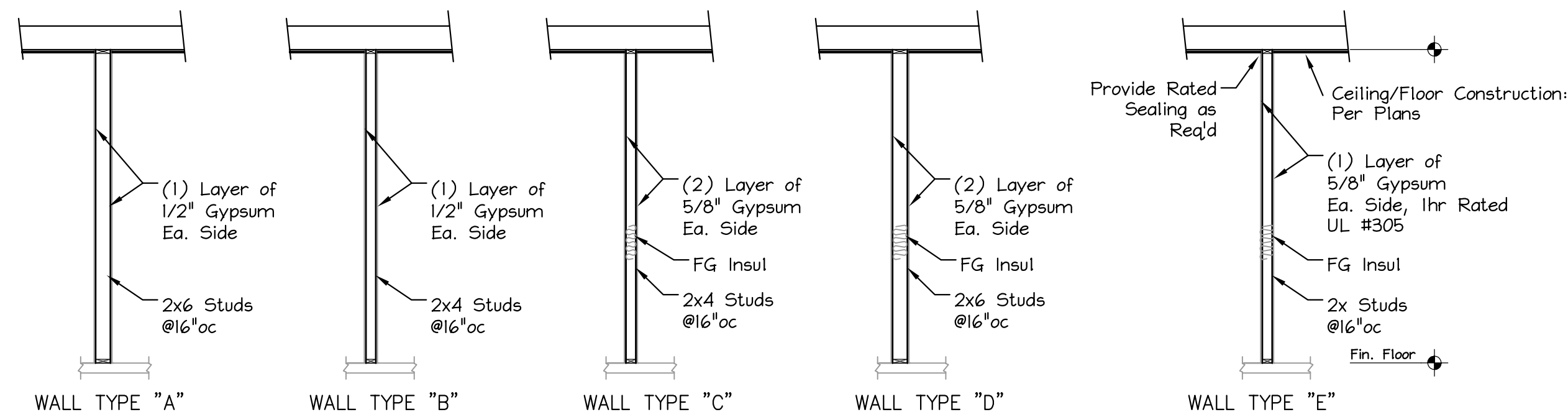
BEAMS/HEADERS:
As Indicated on Plan, or
(3)2x6 Max. 40' Span
(3)2x8s Max 80' Span
Min. 4" Bearing all Beams

INTERIOR FINISHES:
1/2" Gypboard or As Indicated
At Walls/Ceilings
Flooring As Indicated
Paint/Stain As Indicated

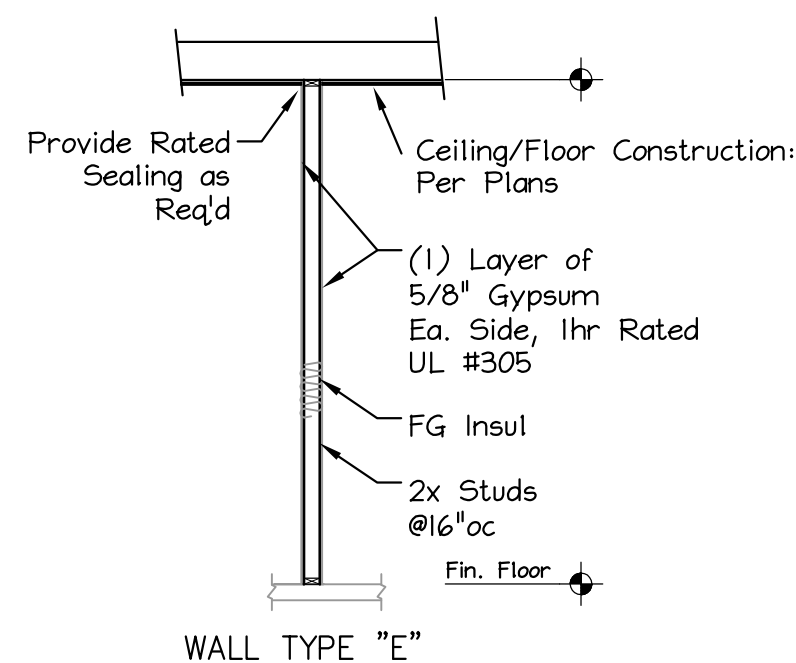
Note: Items not Indicated Shall be Per Contract/

WALL TYPE LEGEND

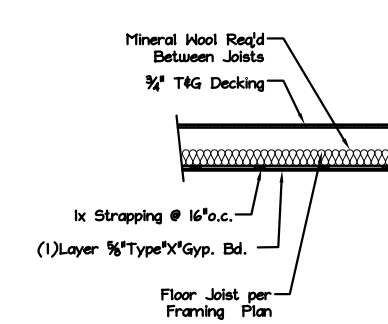
- A** 2X6 WOOD STUDS, 5/8" GHB ON EACH SIDE
- B** 2X4 WOOD STUDS, 5/8" GHB ON EACH SIDE
- C** 2X4 WOOD STUDS, (2) LAYERS OF 5/8" GHB ON EACH SIDE (2-HOUR RATED WALL; UL U30)
- D** 2X6 WOOD STUDS, (2) LAYERS OF 5/8" GHB ON EACH SIDE (2-HOUR RATED WALL; UL U30)
- E** 2X WOOD STUDS, (1) LAYERS OF 5/8" GHB ON EACH SIDE (1-HOUR RATED WALL; UL U30S). At Exterior Walls Use 1/2" Dens-Glas at Exterior Face



PARTITION TYPES

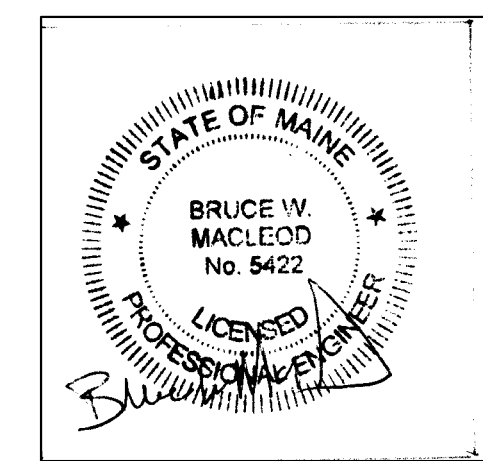


Note: This Design Requires Approval of the AIA



RATED CEILING ASSEMBLY
TYPICAL AT ALL LEVELS

FOR CONSTRUCTION
ISSUED
6/08/16



DRAWING LIST:

- A0.0 COVER SHEET
- A1.0 1ST & 2ND FLOOR PLANS
- A1.1 3RD & 4TH FLOOR PLANS
- A1.2 ROOF PLAN
- A2.0 ELEVATIONS
- A2.1 ELEVATIONS
- A3.0 BLDG SECTIONS
- A3.1 WALL SECTIONS
- A3.2 STAIR SECTIONS
- S0.1 NOTES
- S1.0 FOUNDATION PLAN
- S2.0 FRAMING PLANS
- S2.1 FRAMING PLANS
- S3.0 FRAMING DETAILS

MacLeod
Structural Engineers, PA
90 Bridge Street Ste252 Westbrook, Maine 04038 207.839.0980

5 Merrill Street
Portland, Maine

TITLE: COVER SHEET

DATE: 5/12/16 DRAWN BY: BIM DRAWING NUMBER: A-0.0
SCALE: as noted PROJ NO: 2016-014