FIRST FLOOR FRAMING PLAN

Scale: 1/4" = 1'-0"

WOOD FRAMING NOTES:

1. STRUCTURAL LUMBER:
   SPRUCE PINE FIR NO1/NO2 OR BETTER
   Fb = 875 PSI Fv = 125 PSI
   Fc = 1150 PSI E = 1400000 PSI

   MANUFACTURED LUMBER:
   BOISE CASCADE VERSA-LAM 2.0 3100
   Fb = 3100 PSI Fv = 285 PSI
   Fc = 3000 PSI E = 2000000 PSI

2. DESIGN CODE:
   IBC 2009 / NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.

3. NAILING REQUIREMENTS FOR PLYWOOD SHEATHING:
   SEE DETAILS FOR NAILING AND SPACING REQUIREMENTS.

4. SPIKE TOGETHER ALL FRAMING MEMBERS WHICH ARE BUILT-UP USING MULTIPLE 2x LUMBER.

5. PROVIDE GALVANIZED METAL TIES EQUAL TO SIMPSON H2.5 HURRICANE TIES BETWEEN ROOF RAFTERS OR TRUSSES AND SUPPORTING WALL MEMBERS, UNLESS SHOWN OTHERWISE. PROVIDE GALVANIZED METAL CONNECTORS EQUAL TO SIMPSON TC26 TRUSS CONNECTOR BETWEEN ALL ROOF SCISSOR TRUSSES AND SUPPORTING WALL MEMBERS, UNLESS SHOWN OTHERWISE.

6. PROVIDE PRESSURE TREATED LUMBER FOR ALL LUMBER IN CONTACT WITH MASONRY OR CONCRETE.

7. ROOF SHEATHING: 5/8" APA RATED SHEATHING, EXTERIOR OR STRUCTURAL I OR II RATED SHEATHING, SPAN RATING 32/16 (TRUSSES), 24/12 (JOISTS). INSTALL SHEETS WITH FACE GRAIN DIRECTION PERPENDICULAR TO SUPPORTING MEMBERS.

8. PROVIDE ½"Φ THRU BOLTS STAGGERED @ 24" O.C. FOR ATTACHEMENT OF 2x NAILER AT TOP OR BOTTOM OF WF BEAM (COORDINATE w/ PLANS)

9. WALL CONSTRUCTION - FIRST FLOOR
   FRAMING AS SHOWN ON PLANS
   P.T. 2x6 SILL PLATE
   7/16" APA SHEATHING

10. ROOF CONSTRUCTION
    FRAMING AS SHOWN ON PLANS
    5/8" APA RATED PLYWOOD SHEATHING (REFER TO NOTE #7)
    PROVIDE 8d NAILS @ 12"o.c. ALONG FRAMING MEMBERS.

11. ALL NAILS, SPIKES, BOLTS ETC. FASTENING MEMBERS TO PRESSURE TREATED LUMBER SHALL BE EITHER STAINLESS STEEL OR HEAVY GALVANIZED.

ISSUED FOR PERMIT
10/19/17

3 _____
2 _____
1 _____

STATE OF MAINE
BRUCE W. MACLEOD
No. 5422
LICENSED
PROFESSIONAL ENGINEER

MACLEOD
STRUCTURAL ENGINEERS, PA
90 Bridge Street Suite 252
Westbrook, Maine 04092 207.839.0980

Reaves Residence
Lot 33 Pamela Road
Portland, Maine

TITLE: FRAMING PLAN

DATE: 10.16.17	DRAWN BY: BWM	DRAWING NUMBER:
SCALE: as noted	PROJ NO: 2017-081	S-2