Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 06/24/16

2nd FLOOR FRAMING PLAN

Scale: 1/4" = 1'-0" (Shown over 1st Floor)

SECTION 1 / –
Scale: 3/4" = 1'-0"

GENERAL INFORMATION:

BUILDING OWNER: TIMOTHY GEBHARDT
BUILDING ADDRESS: 20 DOW ST.
PORTLAND, MAINE

ZONE: R6

USE: RESIDENTIAL 3-UNITS

BUILDING DESCRIPTION:
FRAME TYPE: WOOD FRAMED
NO. STORYS 3 + BASMENT

GENERAL NOTES:

1. THE ENGINEERS'S STAMP IS FOR THE REVIEW OF THE SPECIFIC STRUCTURAL GRAVITY COMPONENTS OF THIS BUILDING.
2. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFTY OF THE BUILDING AND COMPONENTS DURING ERECTION.
3. ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATION SAFETY AND HEALTH ACT.
4. THE PROFESSIONAL ENGINEER'S STAMP DOES NOT IN ANY WAY WARRANTY THE INTERIOR SHEETROCK FINISH AGAINST CRACKING OR SPLITTING DUE TO WOOD SHRINKAGE, MOISTURE CHANGES, ECT.
5. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF IRC and IBC Latest Edition.

STRUCTURAL DESIGN CRITERIA:

1. BUILDING CODE: MUBEC W/ IBC 2009
2. DESIGN FLAT ROOF SNOW LOADS: 42 psf
3. DESIGN FLOOR LIVE LOADS: 40 psf
4. DESIGN DEAD LOAD @ FLOORS: 10 psf
   DESIGN DEAD LOAD @ ROOF : 15 psf

WOOD FRAMING NOTES:

1. STRUCTURAL LUMBER: No. 2 KILN DRIED, SPRUCE PINE FIR (SOUTH) OR BETTER. MECHANICAL PROPERTIES:
   F_B = 750 psi F_V = 70 psi
   F_c = 975 psi E = 1,100,000 psi

   LVL MATERIAL SHALL BE BY BOISE, Fb=2800psi, OR EQUAL
2. DESIGN CODE: NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTIONS ASSOCIATION.
3. FASTENERS: COMPLY WITH RECOMMENED FASTENING SCHEDULE OF IRC, UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
4. NAILING REQUIREMENTS FOR PLYWOOD ROOF DECK:
   PROVIDE 8D NAILS AS FOLLOWS UNLESS SHOWN OTHERWISE,
   8D NAILS @ 6" oc ALONG PANEL EDGES.
   8D NAILS @ 12" oc ALONG INTERMEDIATE MEMBERS.
5. SPIKE TOGETHER ALL FRAMING MEMBERS WHICH ARE BUILT-UP USING MULTIPLE 2x LUMBER.
6. PROVIDE PRESSURE TREATED LUMBER FOR ALL LUMBER IN CONTACT WITH MASONRY OR CONCRETE.
7. ALL STEEL SHAPES AND PLATES TO BE ASTM A36 UNLESS NOTED OTHERWISE. ALL WF SHAPES TO BE ASTM A527 GR 50

3 _____
2 _____
1 _____

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

These drawings are the property of MacLeod Structural Engineers, PA and are for the exclusive use of:
Timothy Gephardt
Use of these drawings by others without written consent is prohibited.

MACLEOD
STRUCTURAL ENGINEERS, PA
90 Bridge Street Ste252 Westbrook, Maine 04038 207.839.0980

Gephardt Residence
20 Dow St.
Portland, Maine

TITLE: FRAMING PLAN & NOTES

DATE: 3/3/16	DRAWN BY: BWM	DRAWING NUMBER:
SCALE: as noted	PROJ NO: 2016-008	S-1