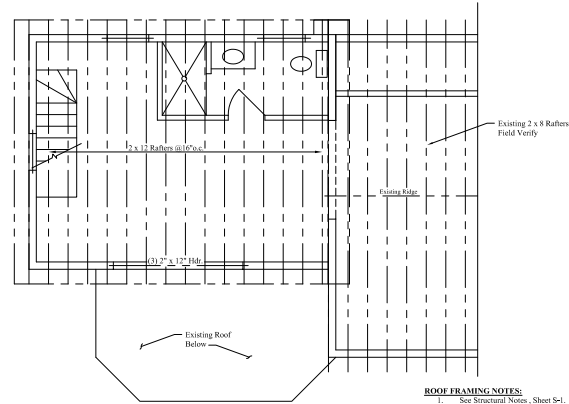


3rd FLOOR FRAMING PLAN

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



ROOF FRAMING PLAN

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

- FLOOR FRAMING NOTES:**
1. See Structural Notes, Sheet S-1.
 2. Built-up girders, headers and beams shall be spiked w/ 3 rows of 16d nails @ 12" o.c.
 3. Provide metal hangers at all flush joint connections.
 4. Provide solid blocking at mid-span of floor joists.
 5. See architectural drawings for wall layout and dimensions.
 6. Provide (3) 2" x 10" header over all exterior door and window openings unless noted on plan.

- ROOF FRAMING NOTES:**
1. See Structural Notes, Sheet S-1.
 2. Built-up headers and beams shall be spiked w/ 3 rows of 16d nails @ 12" o.c.
 3. Provide metal hangers at all flush rafter connections.
 4. Provide (1) 2" x 10" header over all exterior door and window openings unless noted on plan.
 5. See architectural drawings for wall layout and dimensions.
 6. Connect all rafters to wall plate with Simpson H2.5 Seismic & Hurricane Ties per Manufacturer's Instructions.

STRUCTURAL NOTES:

CODE: Comply with the 2012 International Residential Building Code.

DESIGN LOADS:

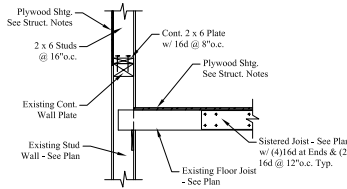
Dead Load: Roof = 15.0 psf, Floor = 10.0 psf.
 Live Load: Roof = 45.0 psf (Plus Drift), 1st Floor = 40.0 psf, 2nd Floor = 35.0 psf.
 Wind Load: Building = 31.0 psf

WOOD:

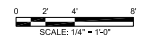
1. General:
 - a. Each piece of lumber shall be "S-DRY" and bear the grade stamp of a grading rules agency approved by the American Lumber Standards Committee.
 - b. Double up studs at joints and under beams.
 - c. Do not notch or drill joists, beams or load bearing studs without approval.
2. Connections:
 - a. Nail roof plywood with 8d common at 6" o.c. at all edges and boundary members and 10" o.c. at intermediate supports.
 - b. Glue floor plywood to all framing members and nail with 8d common at 6" o.c. at all plywood edges and boundary members and 10" o.c. at intermediate supports.
 - c. Nail CDX wall plywood with 16d common nails at 6" o.c. at all edges and boundary members and 12" o.c. at intermediate supports.
 - d. Nail Advantech R66 wall sheathing with 6.13" Dia. x 3" common nails at 3" o.c. along all panel edges and 6" o.c. along intermediate supports.
3. Structural Sawn Lumber:
 - a. 2 x 6 (In 2 x 14 Joists: Spaced Per Fin No. 2 with F3 (repetitive) = 1200 p.s.i.)
 - b. Studs: Spaced Per Fin No. 2 with F3 (repetitive) = 1200 p.s.i.
 - c. Laminated Veneer Lumber (LVL): Beams: F3 = 2,800 psi, Fv = 385 psi, E = 2,000 ksi
 Posts: F3 = 2,400 psi, Fv = 190 psi, E = 1,800 ksi
5. Plywood:
 - a. Roof Sheathing: C-D INT-APA (PSL-94) with exterior glue, 5/8" with Identification Index 4824. Lay up with face grain perpendicular to supports. Stagger joints. Each plywood piece to be continuous over a minimum of two spans with a minimum width of 1'-0" unless blocking is provided at all joints.
 - b. Sub-flooring: C-D INT-APA (PSL-94) with exterior glue, 3/4" with Identification Index 4824. Lay up with face grain perpendicular to supports. Stagger joints. Each plywood piece to be continuous over a minimum of two spans with a minimum width of 1'-0" unless blocking is provided at all joints.
 - c. Wall Sheathing: C-D INT-APA (PSL-74) with exterior glue, 1/2" CDX with Identification Index 2410. All panel edges backed with 2" nominal or wider framing. Optional: Advantech Res Zip System, 7/16" OSB sheathing with 1" of foam. All panel edges backed with 2" nominal or wider framing.

SUPPLEMENTARY NOTES:

1. Field verify all dimensions and conditions prior to starting work. Notify the Engineer of any discrepancies or inconsistencies.
2. Provide all necessary temporary bracing, shoring, guying or other means to avoid excessive stresses and to hold structural elements in place during construction.



STUD WALL TO EXISTING WALL CONN.
 Scale: 3/4" = 1'-0"



SCALE: 1/4" = 1'-0"
 Mechanical, Electrical and Plumbing Design and Building Weatherization-Insulation-Ventilation by Others.



DESIGNED BY: Larry A. Wichroski, P.E.

DRAWN BY: LAW

DATE: 01417

DATE: 10-11-2017

REVISIONS:

REVISIONS:

REVISIONS:

REVISIONS:

SHEET: S1

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