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GENERAL NOTES:

3. Structural Steel Lumber:
 a. 2 x 6 thru 2 x 14 joists: Spruce Pine Fir No. 2 with Fb (repetitive) = 1200 p.s.i.
 b. Studs: Spruce Pine Fir No. 2 with Fb (repetitive) = 1200 p.s.i.
 c. Laminated Veneer Lumber (LVL): Fb = 2800 psi, E = 285 psi, E = 2,600 ksi
 d. Plywood: C-D INT-APA (PSI-94) with exterior glue, 5/8" with Identification Index
 e. 48/24: 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.
 f. Sub-flooring: C-D INT-APA (PSI-94) with exterior glue, 3/4" with Identification Index 48/24, 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.
 g. Wall Sheathing: C-D INT-APA (PSI-74) with exterior glue, 1/2" with Identification Index 24/0. All panel edges backed with 2" nominal or wider framing.

SUPPLEMENTARY NOTES:
 1. Conditions with architectural drawings 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.

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 State of Maine Structural Committee.
 b. Double up studs at jambs 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. Nail plywood sheathing 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 wall plywood with 10d common nails at 6" o.c. at all edges and boundary members and 12" o.c. at intermediate supports.

STEEL:
 1. General sections and plates: ASTM A-36, Fy = 36 ksi.
 2. Steel Lally Columns: ASTM A513, Fy = 32 ksi, 16 gage steel filled w/ 3,000 psi concrete.
 3. Bolted Pipe Columns (not to exceed): ASTM A-506, Fy = 36 ksi.
 4. Bolted Plates: ASTM A-36.
 5. Submit shop drawings. Fabricate after Engineers review.

DESIGN LOADS:
 Roof = 25.0 psf, Floor = 18.0 psf.
 Wind = 45 psf (Plus Drip), Floor = 50.0 psf.
 Wind Load: Building = 25.0 psf

CODE: Comply with the 2012 International Building Code.

STRUCTURAL 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 joist connections.
 4. See architectural drawings for wall layout and dimensions.
 5. Add solid blocking between floor joist below all posts.

FRAMING NOTES:

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FA
 FORESIDE
 ARCHITECTS

PROJECT STATUS:
 COMPLETE

PROJECT NUMBER:
 EDP # 00516

COMMUNITY DENTAL
 PORTLAND

180 PARK AVENUE
 PORTLAND, ME

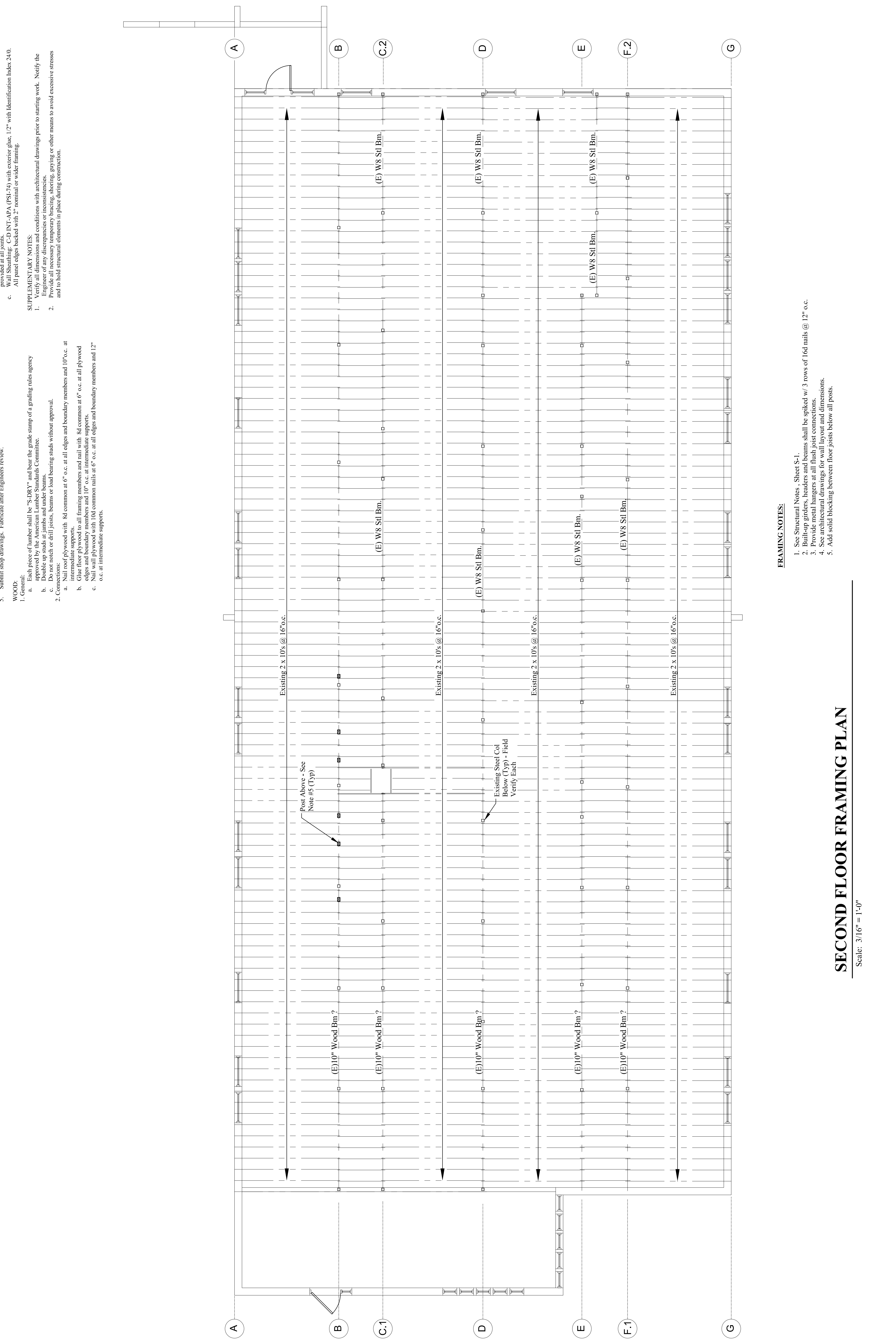
DRAWING:
 2nd Floor Framing Plan

SCALE:
 AS NOTED

DATE:
 MARCH 18, 2016

SHEET NUMBER:
 S1

of 2



SECOND FLOOR FRAMING PLAN

Scale: 3/16" = 1'-0"