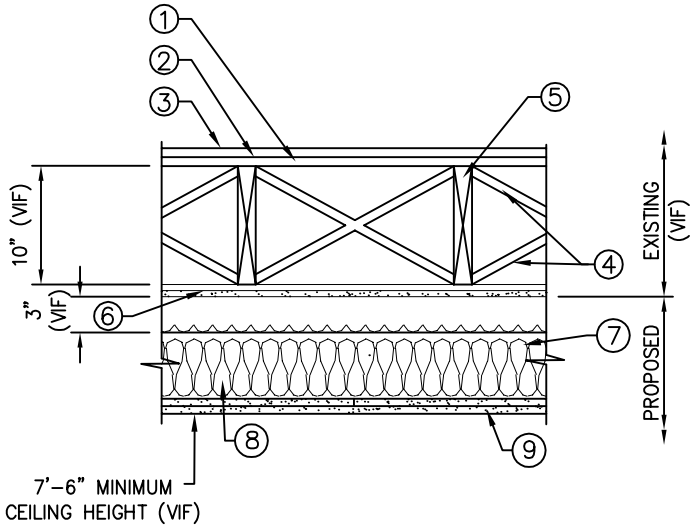


FLOOR/CEILING ASSEMBLY (A)

ALTERNATE

PROPOSED KITCHEN FLOOR/CEILING ASSEMBLY
Similiar to UL DESIGN No. L505
(2 HOUR ASSEMBLY RATING)

1. Finish Flooring —1 by 4 in., T&G; laid perpendicular to joists, or 19/32 in. plywood wood structural panels, min grade "Underlayment". Face grain of plywood to be perpendicular to joists with joints staggered. **(Existing to be determined VIF)**

2. Building Paper —Commercial rosin–sized, 0.010 in. thick.

3. Subflooring —Min 23/32 in. thick T&G wood structural panels, min grade "Underlayment" or "Single–Floor". Face grain of plywood or strength axis of panels to be perpendicular to the trusses with end joints staggered 4 ft. Panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. **(Existing to be determined VIF)**

4. Cross Bridging —1 by 3 in.

5. Wood Joists —2 by 10 in., spaced 16 in. OC, firestopped. **(Existing to be determined VIF)**

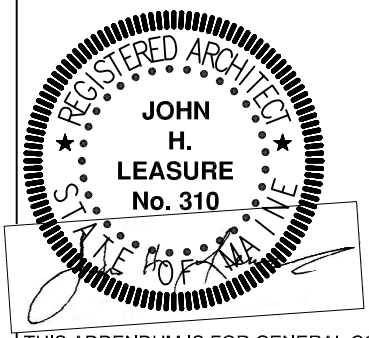
6. Existing wood lathe and plaster **(VIF)** or 5/8" thick gypsum wallboard **(VIF)**. Seal all large areas with fire rated gyp bd or solid plaster to match. Fill all other holes, gaps and around pentrations with 2HR fire rated safing. Typical. (3M Fire Barrier rated Foam FIP 1–Step or approved equal)

7. Batts and Blankets* —Nom 24 in wide roll by 6 in thick glass fiber insulation. Installed on top of suspension system with long dimension perpendicular to cross tees. Sides of unrolled batts are butted together while the ends overlap approx 6 to 12 in.

8. 2X6 suspended wood frame (designed by others); 2X6 wood ledger attached to existing wood studs with 16d nails. Confirm structural stability and additional ceiling loads (with proposed 2 layers gypsum boards) on studs with structural engineer prior to installation.

9. 2 Layers 5/8 thick Type X; First Base layer 5/8" Type X firecode gypsum board with long dimension laid perpendicular to 2x6 suspended wood ceiling joists. End joints located at center of ceiling joists and nailed to joists with 8d box nails (or screws) at 7" O.C. Locate 1/2" from minimum distance from edges and ends. First layer joints taped and sealed. Second Face layer 5/8" Type X firecode gypsum board with joints staggered and fastened to wood joists with 2" long wallboard screws at 7" O.C. Joints taped and sealed. Seal all gaps at walls and penetrations.

PROPOSED ALTERNATE CEILING ASSEMBLY FOR KITCHEN AREA ONLY AND SHALL BE APPROVED BY CITY OF PORTLAND BUILDING INSPECTION AND FIRE DEPARTMENTS PRIOR TO INSTALLATION.



THIS ADDENDUM IS FOR GENERAL CONFORMANCE WITH DESIGN CONCEPTS & CONTRACT DOCUMENTS. REVISIONS, COMMENTS SHALL NOT BE CONSTRUED AS RELIEVING THE CONTRACTOR COMPLIANCE WITH PROJECT PLANS/SPECS NOR DEPARTURE THEREFROM. CONTRACTOR REMAINS RESPONSIBLE FOR DETAILS & ACCURACY, FOR CONFIRMING AND CORRELATING ALL QUANTITIES & DIMENSIONS, FABRICATION PROCESSES, TECHNIQUES OF ASSEMBLY & PERFORMANCE OF WORK IN A SAFE MANNER. CONTRACTOR IS RESPONSIBLE FOR ALL PLUMBING, HVAC & ELECTRICAL REDESIGN & COORDINATION WITH STRUCTURAL DOCUMENTS.

REFERENCE DWGS A9

DATE: 5–09–16

PROJECT: 612 CONGRESS STREET

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SK-1