

Typical (2)2x12 rafter ledgers: fasten to each existing stud with (3) GRK RSS $\frac{5}{16}$ "X8" screws. Hang common rafters w/ Simpson LSU28Z

Remove existing siding, outer layer of sheathing, and exterior insulation in area of porch roof & ceiling to allow for secure attachment of ledgers and integration of weather resistant barrier. Cover existing sheathing, where exposed, with vapor open wind-resistant membrane, before attachment of ledgers. Lap membrane over existing WRB below, and tuck under existing WRB above.

Typical 2x6 ceiling ledgers: fasten (through exterior foam insulation) to each existing stud with (2) GRK RSS $\frac{5}{16}$ "X6" screws. Hang joists with Simpson LU26Z

Match existing porch ceiling plywood panels

Typical porch roof: composite roof shingles to match existing, fastened through full coverage ice & water shield, into $\frac{5}{8}$ " plywood sheathing, nailed to 2x8 rafters. At intersection of roof and wall, provide head flashing, over roofing, tucked under existing WRB above. Leave 1" gap between flashing/roof and siding above.

Taper ends of rafters, hips, and valleys to fit into available $3\frac{1}{2}$ " space between roof sheathing and girder, in order to match look of existing porch roof.

Build "ladder" style porch roof soffit similar to existing, and trim out to match.

Box out porch roof girder to match existing

New porch posts, railings, trim, and brackets to match existing

5/4x6 decking. Leave 2" space between porch floor and existing siding to allow for drainage.

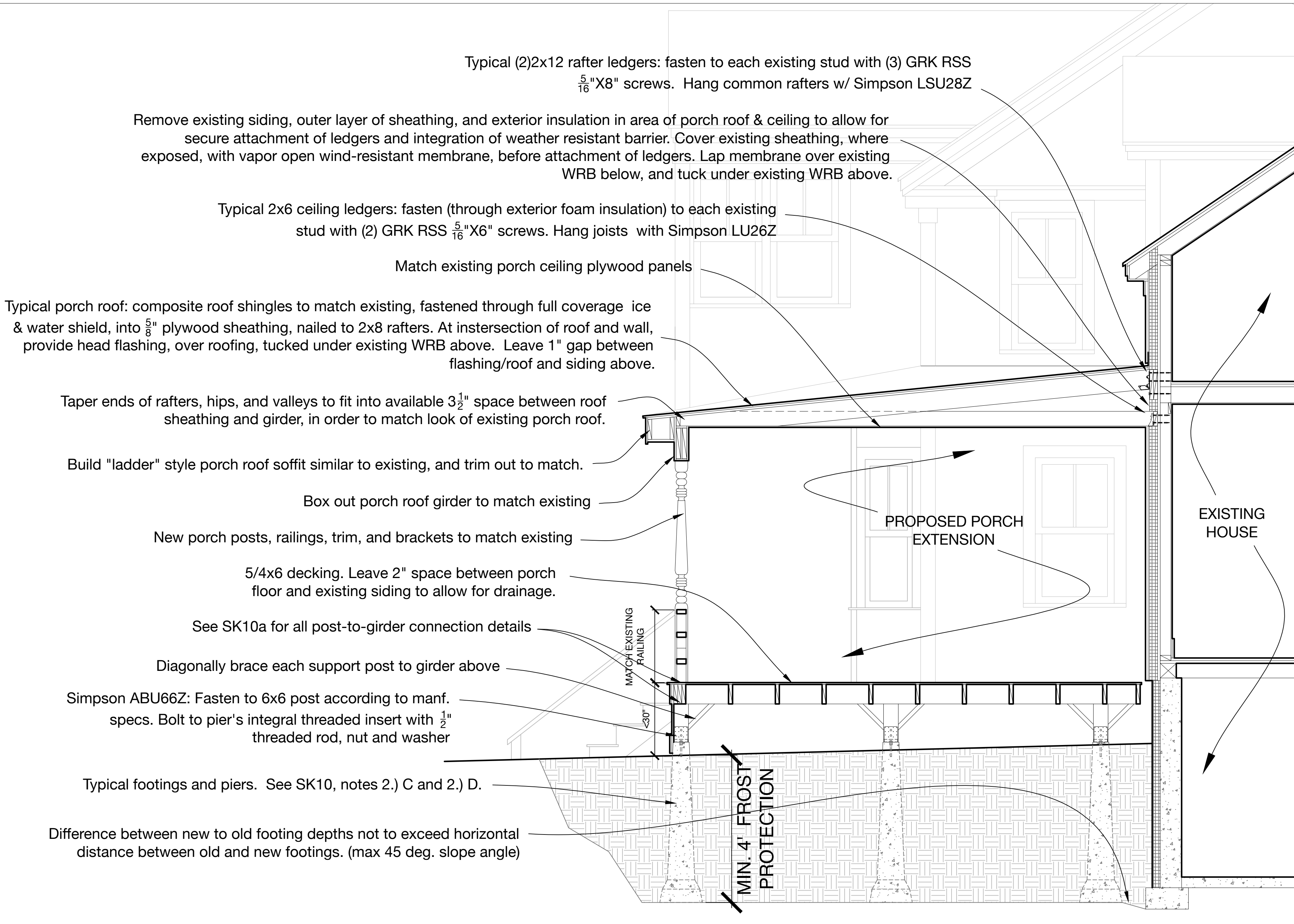
See SK10a for all post-to-girder connection details

Diagonally brace each support post to girder above

Simpson ABU66Z: Fasten to 6x6 post according to manf. specs. Bolt to pier's integral threaded insert with $\frac{1}{2}$ " threaded rod, nut and washer

Typical footings and piers. See SK10, notes 2.) C and 2.) D.

Difference between new to old footing depths not to exceed horizontal distance between old and new footings. (max 45 deg. slope angle)

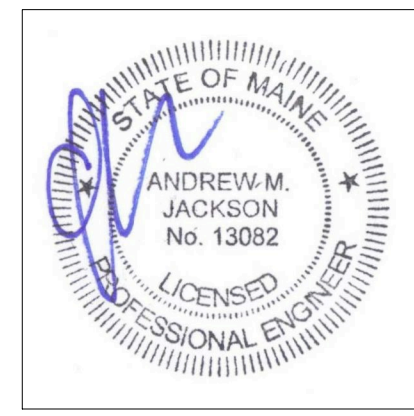


Rachel Conly Design LLC
26 Sterling Street
Peaks Island, Maine 04108
207.766.5625

DATE	NOTES
2017.01.03	Grade Comparison, REVISED
2017.01.17	Simplified Slab, New Girder, Hold-downs, No Skylights
2017.01.19	SK4: no hold-downs; SK5: laundry
2017.01.30	Kitchen Renovations & Porch Extension
2017.03.20	Post-to-girder connection details added
2017.03.30	

PROJECT
Heselton Clements
Bunkhouse/Studio
11 Ocean St.
Peaks Island, ME 04108

A Proposed Porch Cross Section



SK9
Proposed
Porch
Cross Section