3” spray polyurethane foam (2 lb/ft³ density)

1½” metal stud wall

Gypsum board thermal barrier

3/4” drainage mat (filter fabric side facing up)

2” extruded polystyrene (XPS)

New concrete slab

Existing slab
Asphalt shingles
Roof underlayment
1/2” plywood roof sheathing
Two layers of 2” polyisocyanurate rigid insulation
Existing board roof sheathing
6” high-density (2.0 pcf) sprayed polyurethane foam insulation
Self-adhering ice/water membrane
4” from roof edge
Existing attic joists extended, widening soffit to accommodate exterior insulation
Metal starter strip with drip edge
1 X 3 trim
2 X 12 facia board
Continuous beadboard soffit
5/8” X 8” frieze board
Siding over 3/4” pressure treated wood strapping
Existing 2 X 6 wood rafter
1/2” gypsum board interior sheathing
Existing attic flooring removed at perimeter to allow for installation of sprayed polyurethane foam insulation seal to top plate
Existing interior plaster
Remove demising wall

Remove windows and infill openings

Add column support

Crawlspace

Basement
Four layers of 2” rigid insulation
Sheathing tape
Wood siding
Membrane strip
1x4 furring strip
Trim
Flashing
Fully-adhered membrane
Plywood
Asphalt shingles

Fully-adhered membrane
Plywood
Tar paper
Board sheathing

Five layers of 2” rigid insulation
New roof deck
New crown molding
New fascia
New soffit
New dentil molding
New second frieze board
Original dentil molding removed
Original frieze board remains
Siding