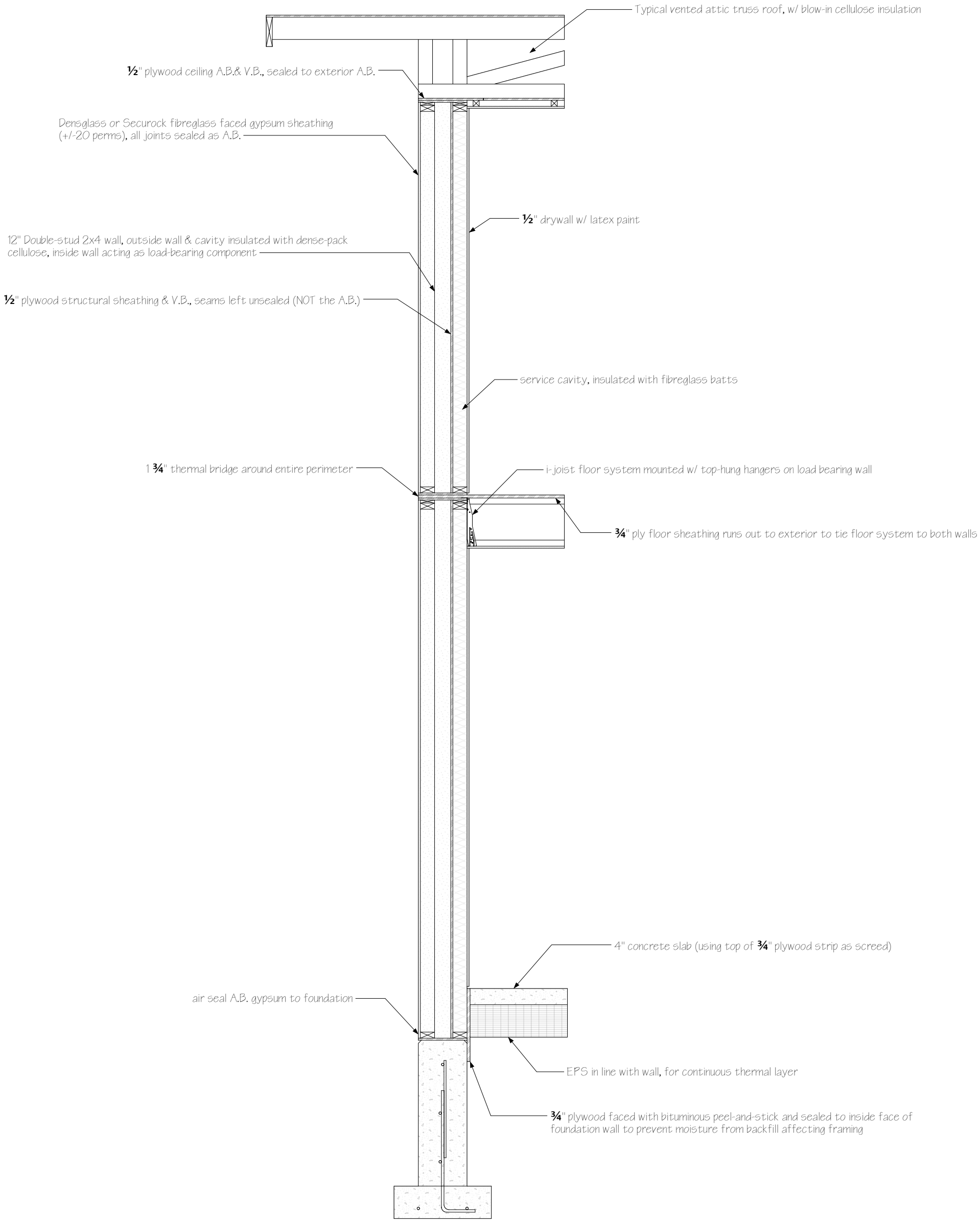
Typical vented attic truss roof, w/ blow-in cellulose insulation
½" plywood ceiling A.B.& V.B., sealed to exterior A.B.
Densglass or Securock fibreglass faced gypsum sheathing (+/-20 perms), all joints sealed as A.B.
½" drywall w/ latex paint
12" Double-stud 2x4 wall, outside wall & cavity insulated with dense-pack cellulose, inside wall acting as load-bearing component
½" plywood structural sheathing & V.B., seams left unsealed (NOT the A.B.)
service cavity, insulated with fibreglass batts
1 ¾" thermal bridge around entire perimeter
i-joist floor system mounted w/ top-hung hangers on load bearing wall
¾" ply floor sheathing runs out to exterior to tie floor system to both walls
4" concrete slab (using top of ¾" plywood strip as screed)
air seal A.B. gypsum to foundation
EPS in line with wall, for continuous thermal layer
¾" plywood faced with bituminous peel-and-stick and sealed to inside face of foundation wall to prevent moisture from backfill affecting framing