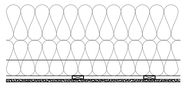
F1

Floor/Ceiling Assembly

1. Finish Flooring by owner
2. Flooring: ¾" Advantek w/exterior glue. Strength axis of panel to be perpendicular to joists with joints staggered 4 ft. Secured to joists w/construction adhesive and no 6d ringed shank nails. Adhesive applied as ⅜" in dia bead to top of joists and grooved edges of plywood or panels. Nails spaced 12 in O.C. along joists.
3. Floor Joists, see framing plans
4. 1x3 wood strapping perpendicular to joists @ 16" O.C.
5. Finished ceiling - ⅝" Type gypsum wallboard at right angles to strapping with 1 ¼" W or S drywall screws 24" O.C. (optional at basement)



F3

Floor/Ceiling Assembly

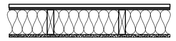
1. Bottom card of pre-engineered truss @ 24" O.C.
2. (2) layers Roxul Comfort Batts, 7.5" thick, R=46
3. 1x3 wood strapping perpendicular to joists @ 16" O.C.
4. Finished ceiling - ⅝" Type gypsum wallboard at right angles to strapping with 1 ¼" W or S drywall screws 24" O.C.

Unrated Wall Assembly
Gypsum Board, Wood Studs, Insulation (where shown)

1. One layer ⅝" Type 'x' gypsum board applied parallel to resilient channels 1" Types S drywall screws 12" O.C. @ intermediate furring channels and 6" O.C. @ ends.
2. Roxul 'Comfort Batts' 3-1/2" thick R=15, (where shown)
3. 2X4 wood studs @ 16" O.C.

Unrated Wall Assembly
Gypsum Board, Wood Studs, Insulation (where shown)

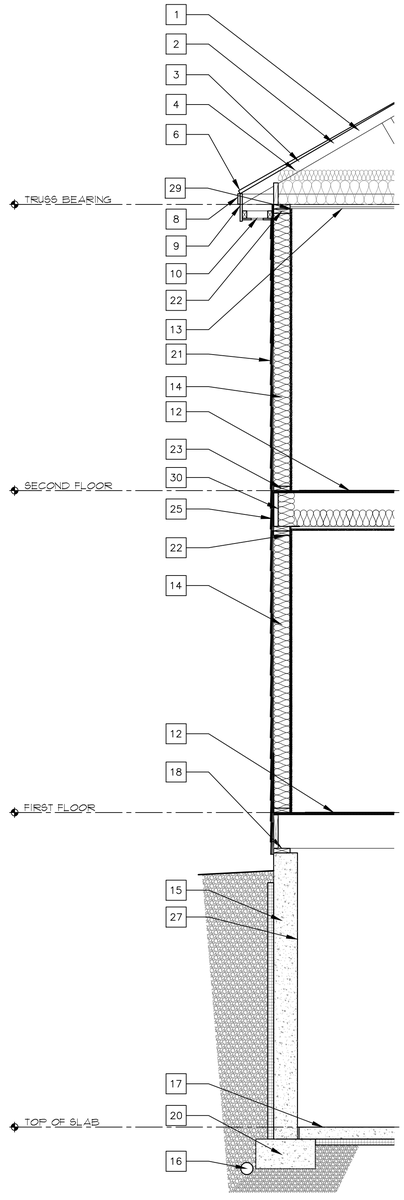
1. One layer ⅝" Type 'x' gypsum board applied parallel to resilient channels 1" Types S drywall screws 12" O.C. @ intermediate furring channels and 6" O.C. @ ends.
2. Roxul 'Comfort Batts' 5-1/2" thick R=23, (where shown)
3. 2X4 wood studs @ 16" O.C.



Exterior Bearing Wall Rating - 1 Hour
Design UL U356

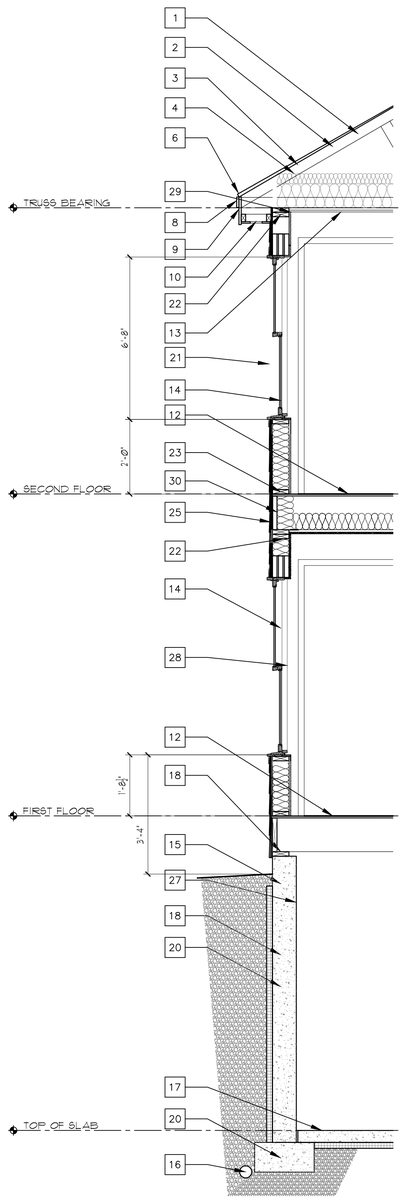
1. Wood studs - Nom 2x6 in. spaced 16 in. O.C. with two 2x6 in. top and one 2x6 in. bottom plates. Studs laterally-braced by wood structural panel sheathing and effectively fire stopped at top and bottom of wall.
2. Wallboard Gypsum - Any UL Classified ⅝" thick, 4 ft wide applied vertically and nailed to studs and bearing plates 7 in. O.C. with 6d cement-coated nails, 1-7/8" long by ¼" dia head.
3. Joints and nailheads - Wallboard joints covered with tape and joint compound. Nail heads covered with joint compound. 6 mil poly vapor barrier.
4. Batts and blankets - UL Classified insulation by Roxul 'Comfort Batts' R23 = 5.5" thick in 2X6 stud walls.
5. Wood Structural Panel Sheathing - Min grade 'C-D' or 'Sheathing' installed w/long long dimension of sheet or face grain of plywood parallel with or perpendicular to studs. Vertical joints centered on studs. Horizontal joints backed with nom 2X6 wood blocking. Attached to studs on exterior side of wall w/6d cement coated box nails spaced 6 in O.C. at perimeter of panels and 12" O.C. along interior studs.
6. #15 Felt
7. Exterior facing - Cement board or Vynil siding.

1. ASPHALT SHINGLES OVER BUILT-UP ROOFING
2. ICE & WATER SHIELD @ ROOF EDGE, ALL ROOF JOINTS AND TRANSITIONS, ALL ROOF PENETRATIONS PER MANUF. RECOMMENDATIONS.
3. ⅜" CDX PLYWD
4. WOOD RAFTERS (SEE FRAMING PLANS)
5. CONT. DRIP EDGE FLASHING
6. 1x3 WOOD STRAPPING
7. GYPSUM WALL BOARD (SEE WALL TYPES)
8. 1x4 WOOD TRIM
9. 1x8 WOOD TRIM
10. CONT. SOFFIT VENT
11. FINISH FLOOR BY OWNER
12. FLOOR SYSTEM F1
13. CEILING SYSTEM F2
14. EXTERIOR WALL, 2x6 STUDS @ 16" O.C. WITH ½" CDX PLYWOOD, OR EQUAL, HOUSE WRAP ON ½" FIBERBOARD, EXTERIOR SIDING PER OWNER ON 1x3 FURRING. INSULATION MIN. 3" SPRAY-FOAM, R-23
15. 8" CONC. CAST IN PLACE WALL, DAMPPROOFING PER IRC 406.1, WITH INTERIOR 2x4 STUDS @ 16" O.C. & 3" MIN. RIGID INSULATION & ½" GWB FINISHED PER OWNER
16. 4" FOUNDATION DRAIN, PROVIDE FILTER FABRIC OVER TOP OF DRAIN AND MIN 2" CRUSHED ROCK UNDER DRAIN.
17. 4" SLAB ON GRADE WITH VAPOR BARRIER AND MIN. 2" RIGID INSULATION ON MIN. 6" OF COMPACTED STRUCTURAL GRAVEL. PROVIDE MIN.½" THERMAL BREAK @ CONC. FOUNDATION WALL.
18. SILL PLATES SHALL BE ANCHORED TO THE FOUNDATION WITH ANCHOR BOLTS SPACED A MAX. OF 6' O.C. & MAX. 12" FROM END OF SILL PLATE AT CORNERS. BOLTS SHALL BE AT LEAST ½" IN DIAMETER AND SHALL EXTEND A MINIMUM OF 7" INCHES INTO CONCRETE SILL PLATE SHALL BE P.T 2x6 WITH SILL SEAL OR CONT. SILL GASKET.
19. DRAINAGE GRAVEL
20. NEW MIN 20"x10" SPREAD FOOTING
21. 6" MIN COMPACTED STRUCTURAL GRAVEL
22. SIDING BY OWNER
23. 2x6 TOP PLATE(S)
24. 2x6 BOTTOM PLATE(S)
25. RIM JOIST
26. WOOD JOISTS (SEE FRAMING PLAN)
27. 2" XPS RIGID INSULATION
28. PROVIDE CAULKING @ WINDOW FRAME, HEAD, JAMBS & SILL.
29. SEAL VAPOR BARRIERS @ WALL & ROOF/CEILING W/CONT. BEAD ACOUSTICAL SEALANT.
30. WRAP FLOOR FRAMING W/VAPOR BARRIER & SEAL TO WALL VAPOR BARRIER W/CONT. BEAD ACOUSTICAL SEALANT.



TYPICAL WALL SECTION

SCALE: 1/2"=1'-0"



TYPICAL WALL SECTION @ WINDOWS

SCALE: 1/2"=1'-0"

NOTE:

THE CONTRACTOR/OWNER ASSUMES ALL RESPONSIBILITY FOR LOCAL CODE COMPLIANCE. ALL DRAWINGS, PLANS, SKETCHES ETC. ARE PROVIDED TO OUR CLIENTS BASED UPON INFORMATION PROVIDED BY THE CLIENT AND DRAWN IN ACCORDANCE WITH COMMON BUILDING PRACTICES AND LOCAL CODES. NONE OF THE EMPLOYEES OF CDT ARE REGISTERED ARCHITECTS, ENGINEERS OR LAND SURVEYORS. ALL DIMENSIONS AND SPECIFICATIONS SHOULD BE VERIFIED BY CLIENT AND/OR CONTRACTOR BEFORE ACTUAL CONSTRUCTION BEGINS. IF DIMENSIONS AND SPECIFICATIONS ARE NOT VERIFIED BY CLIENT AND/OR CONTRACTOR BEFORE ACTUAL CONSTRUCTION BEGINS CDT WILL BE HELD HARMLESS CDT ASSUMES NO LIABILITY FOR CHANGES AND/OR REVISIONS MADE TO PLANS BY CLIENT AND/OR CONTRACTOR.

1. Contractor/owner responsible for securing all necessary permits.
2. Contractor/owner will Comply with all applicable codes and ordinances.
3. Contractor/owner to verify all site grades and dimensions.

PROPERTY OF
cd-de-tech
235 Riverside Industrial Parkway
Portland, ME 04102

New Residence

Dedham Street Lot C, Portland, ME
for Mr. & Mrs. Kavanaugh

NO	DATE	REMARKS	BY
A	06-24-12	Issued for Permitting	JJO

CODE:	IRC 2009
TOWN:	Portland
DATE:	06-24-2012
SCALE:	As Noted
DRAWN:	JJO

TITLE: WALL SECTIONS

FILE:

SHEET: A2-02