

FLOOR JOISTS

1/2" GYPSUM WALL BOARD

FINISHED SHELF MATERIAL

64

IN

damp-proof layer on top of concrete, lapped over to protect sheathing

25

8" concrete wall

OUT

40

50

205 MINIMUM

Lap exterior materials minimum 40mm (1 1/2") over concrete

Vent with bug screen at bottom of air space (Keene Dri-wall)

INSIDE

- 1/2" Gypsum Wall Board
- 6 mil Polyethylene Vapour Barrier
- Stud Framing 2x4 @ 16", two walls, one in and one out with 1" space between on 2x8 plates (top and bottom) with blocking out to 8" total thickness
- R-28 / R5I-4.9 Fibreglass Batt Insulation
- 1/2" Plywood Sheathing
- house-wrap (tyvek)
- 12mm KEENE DRI-WALL (or equal) for minimum 3/8" air space
- Exterior cladding (see Elevations)

OUTSIDE

BASEMENT FLOOR

358

14"

VAPOUR BARRIER -6-MIL POLYETHYLENE

64mm (2 1/2") RIGID INSULATION (XPS) (@ R-5/INCH = R-12)

COMPACT SAND

8" concrete wall

INSIDE

- 1/2" Gypsum Wall Board
- Stud Framing 2x4 @ 16"
- R-12 Fibreglass Batt Insulation
- 50mm (2") RIGID INSULATION (XPS -EXTRUDED POLYSTYRENE) (@ R-5/INCH = R-10)
- 8" reinforced concrete wall
- Waterproof concrete sealer
- 12mm Dimple Board
- Drain gravel

OUTSIDE

Continue XPS down to meet under-slab XPS

**TYPICAL FOUNDATION WALL
-WITH DISCONTINUOUS FURRING WALL
(IN SECTION)**

This Sheet was Revised 27 October, 2015

QK DET Pg.6.1d Foundation Wall A.27Oct15 (tyvek)

