OTHER CROSS SECTION FRAMING

2015 WASHINGTON STATE BUILDING CODES

ROOF CONSTRUCTION:
- ROOFING OVER FELT PAPER
- 1/2" OR 5/8" OSB OR PLYWOOD SHEATHING

MAINTAIN 1" AIR-SPACE FROM UNDER SIDE OF ROOF DECK TO TOP OF INSULATION

VENTED 2X BLOCK WITH SCREEN

SLOPED ROOF
- R-38 VAULTED CEILING
- 1/2" OR 5/8" DRYWALL

AS AN ALTERNATE METHOD A TREATED 2X MAY BE INSTALLED TOP OF THE INSULATION & EVEN WITH TOP OF THE FLOOR TO PROVIDE A THERMAL BREAK

FINISH FLOOR

METHOD 2

EARTH FILL

TYPICAL 2X6 SIDING EXTERIOR WALL:
- SIDING
- BUILDING WRAP
- 3/8" OR 1/2" SHEATHING

R-10 FOAM INSULATION
- MINIMUM 24 INCHES WIDE
- INSTALLED AROUND THE PERIMETER OF THE FOUNDATION
- INSTALL FLASHING OVER ALL EXPOSED INSULATION TO APPROXIMATE 6-8 INCHES BELOW FINISH GRADE TO PROTECT INSULATION FROM DAMAGE

8" MIN. TO FRAMING OR SHeathing
6" TO SHEATHING OR SIDING

FROST LINE
MIN. TO BOTTOM OF FOOTING

PER 2012 IRC TABLE R403.1

#(4) CONTINUOUS

FINISH FLOORING

INSULATION INSTALLED EXTERIOR OF THE FOUNDATION FOR SLAB ON GRADE

INSULATION INSTALLED INSIDE FOUNDATION VERTICALLY THE THICKNESS OF THE SLAB THEN HORIZONTALLY UNDER SLAB TO A TOTAL OF 24" IN WIDTH AROUND THE FOUNDATION PERIMETER. TOP EDGE MAY BE TAPERED WITH POINTED SIDE AGAINST FOUNDATION WALL TO MAINTAIN A THERMAL BREAK

EARTH FILL

METHOD 1

FINISH FLOOR

ALTERNATE METHOD TO EXTEND INSULATION 24" VERTICALLY INTERIOR OF THE FOUNDATION

INSULATION INSTALLED INTERIOR OF THE FOUNDATION FOR SLAB ON GRADE