Stick Curtain Wall And Precast Concrete Wall- Section Detail

Ying Ren
Stick Curtain Wall System
Stick Curtain Wall System
Precast Concrete

- Precast Concrete Wall Panel System by Ideal Precast Co., Durham, NC
- 12" Crushed Stone Footing at Base of Precast Concrete Wall Panels, TYP.
- 16" O.C., TYP.
- 3/4" GWB @ Ceilings
- 3 1/2" Wood Stud @ 16" O.C., W/R-13 Batt Insulation
- 1/2" GWB @ Walls
- 4" Conc. Slab
- 6 MIl. WB
- 5 1/2" Rigid Insul.
- 4" Crushed Stone Under Slab
- 3 1/2" A.F.F. BASEMENT

Notes:
- Precast concrete is the water and air control layer.
- Outer sealant on backer rod is installed first.
- Inner sealant on backer rod continues for water and air control continuity.

Line of outer sealant at panel joints
Line of inner sealant at panel joints

Precast panel (installed first)
Corrosion-resistant metal pin to connect panels without penetrating air and water layers
Gypsum board
Steel stud
Cast in place anchor

Structural columns and walls should be held back from slab edge to allow for installation of air and thermal control layers.

Figure 3-15: Concrete Crawl Space Wall with Exterior Insulation
Precast Concrete