

General Notes

1. Air barrier installation, air sealing requirements, and top plate sealing to meet requirements in ORSC N1104.8.1
2. All framed walls, floors, and roofs/ceilings that are elements of the building envelope shall have a Class II vapor retarder installed on the warm-in-winter side of the insulation per ORCS R318.1

Assembly (top to bottom)

- Standing Seam Metal Roof
- Roofing Underlayment
- Roof truss per structural and manufacturer (top and bottom chord shown)
- Mineral wool batt insulation (R-26 minimum)
- **Plywood sheathing per structural
- 2x wood framing per structural w/ R-23 batt insulation infill
- **VB-1**, Class II Vapor Retarder
- 5/8" Gypsum Wall Board

Location: Exterior
 R Value: R-49
 Fire Rating: -
 STC Rating: -
 Acoustic Test: -
 Notes: **Continuous sealing at rim of MOD ceiling framing & at seams in sheathing where in contact with vented attic

R1 Typical Roof

Assembly (top to bottom)

- **VB-2**, 6 mil vapor retarder sheet product
- 4" rigid insulation R-12 min.
- 4" compacted aggregate

Location: Exterior
 R Value: R-20
 Fire Rating: -
 STC Rating: -
 Acoustic Test: -
 Notes: -

F3 Typical Conditioned Crawspace Floor

Assembly (top to bottom)

- 4" Concrete slab on grade per structural
- **VB-3**, 6 mil vapor barrier
- 4" compacted, gas-permeable aggregate

Location: Exterior
 R Value: **
 Fire Rating: -
 STC Rating: -
 Acoustic Test: -
 Notes: **Horizontal or vertical 24" min R-15 rigid insulation @ slab edge perimeter @ conditioned spaces

F2 Typical Slab-on-Grade

Assembly (top to bottom)

- Finish Floor (tbd)
- Plywood sheathing per structural
- 2x wood framing per structural
- R-38 Batt insulation

Location: Interior / Exterior
 R Value: R-38
 Notes: -

F1 Typical Floor over Unconditioned Crawspace

Assembly (left to right)

- 2x Wood studs 16" OC.
- **WSa** = 2x4 wd studs
- **WSb** = 2x6 wd studs
- **WSc** = 2x8 wd studs
- 5/8" gypsum board

Location: Interior
 R Value: -
 Fire Rating: -
 STC Rating: -
 Acoustic Test: -
 Notes: Plan dimensions are to face of stud, unless noted otherwise.

W5 Interior Furred Wall

Assembly (left to right)

- **WRB-2** Waterproofing membrane
- Concrete wall, thickness per Structural
- 3" Rigid insulation; R-15 min.
- **VB-2**, 6-mil vapor retarder sheet product

Location: Exterior
 R Value: R-15
 Fire Rating: -
 STC Rating: -
 Acoustic Test: -
 Notes: Omit rigid insulation and **VB-2** at interior foundation walls

W4 Below Grade Retaining Wall

Assembly (left to right)

- (1) layers of 5/8" gypsum board
- 2x6 Wood studs w/ acoustic insulation infill
- Plywood sheathing per structural
- **1" air gap
- Plywood sheathing per structural
- 2x6 Wood studs w/ acoustic insulation infill
- (1) layers of 5/8" gypsum board

Location: Interior Demising wall
 R Value: -
 Fire Rating: -
 STC Rating: -
 Acoustic Test: -
 Notes: **Walls with air space between shall require fire-blocking per 2021 ORSC R302.11

W3 Interior Modular Walls

Assembly (left to right)

- 5/8" gypsum board
- 2x Wood studs w/ acoustic insulation @ garage & restroom walls:
 - **W2a** = 2x4 wd studs
 - **W2b** = 2x6 wd studs
- 5/8" gypsum board

Location: Interior
 R Value: -
 Fire Rating: -
 STC Rating: Varies
 Acoustic Test: -
 Notes: Plan dimensions are to face of stud, unless noted otherwise.

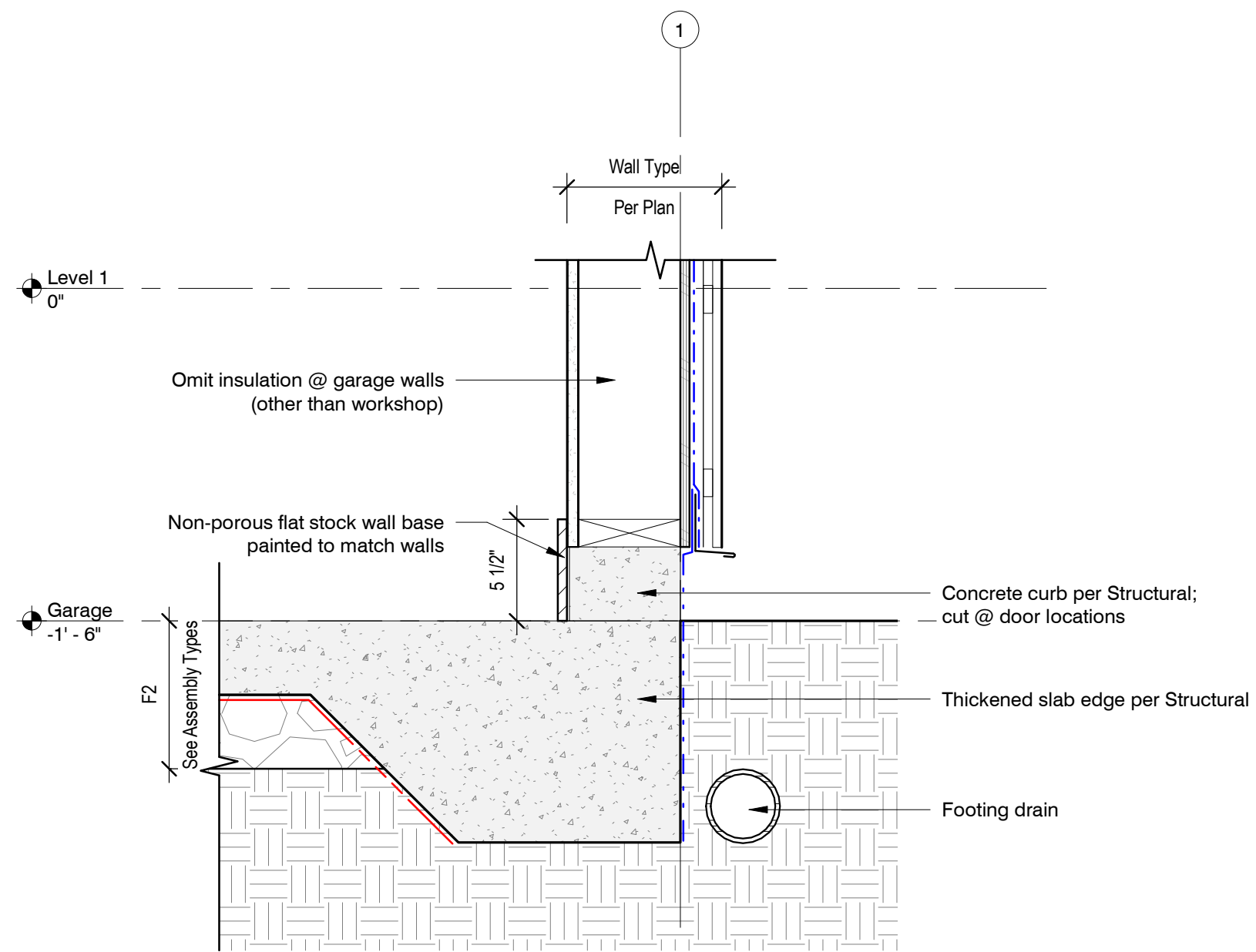
W2 Typical Interior Partition Wall

Assembly (left to right)

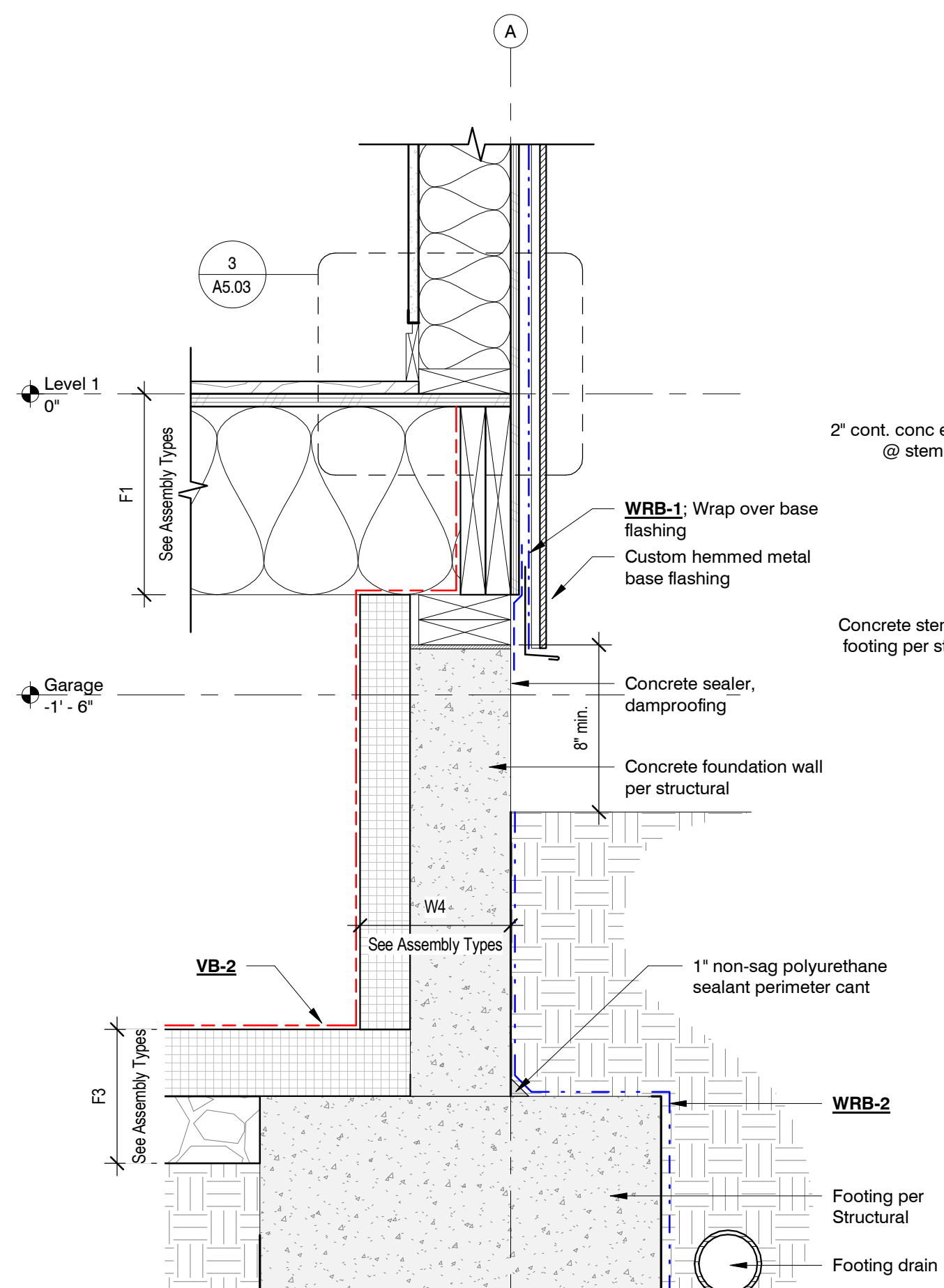
1. 5/8" gypsum board
2. **VB-1**, Vapor Retarder
3. 2x6 Wood studs w/ R-21 insulation infill
4. Plywood sheathing per structural
5. **WRB-1** Weather resistant barrier
6. 3/4" PT vertical wood battens
 1. **W1a**: Taylor Metals 7/8" corrugated metal siding
 2. **W1b**: 4" vertical wood siding
 3. **W1c**: Hardie smooth panel siding**
7. 3/4" PT horizontal wood battens

Location: Exterior
 R Value: R-23
 Fire Rating: -
 STC Rating: -
 Acoustic Test: -
 Notes: Plan dimensions are to face of sheathing, unless noted otherwise.
 **Omit horizontal wood battens and use 1/2" vertical battens only at panel siding location

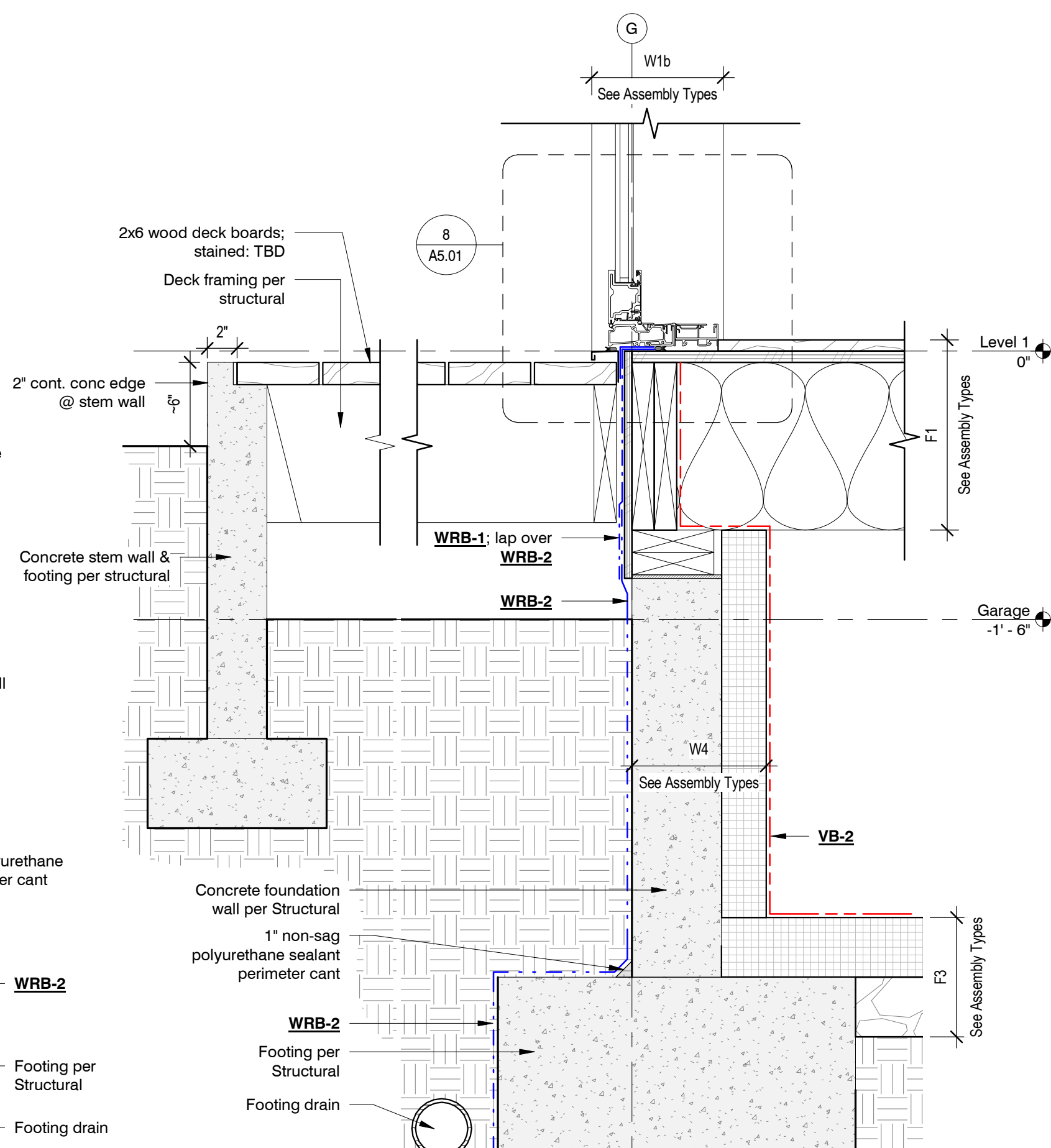
W1 Typical Exterior Wall



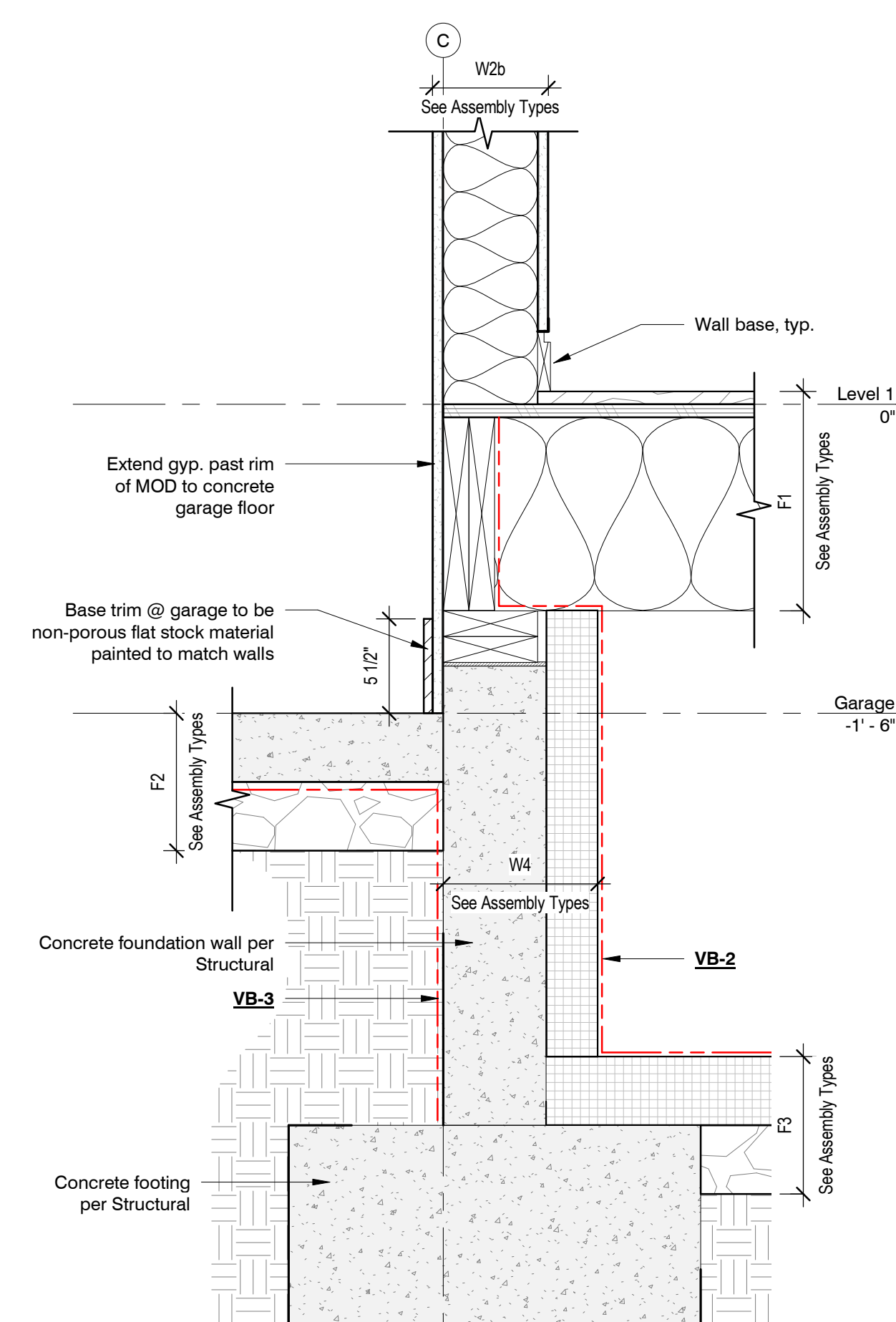
6 Slab Edge Detail, Typ.
A5.00 SCALE: 1 1/2" = 1'-0"



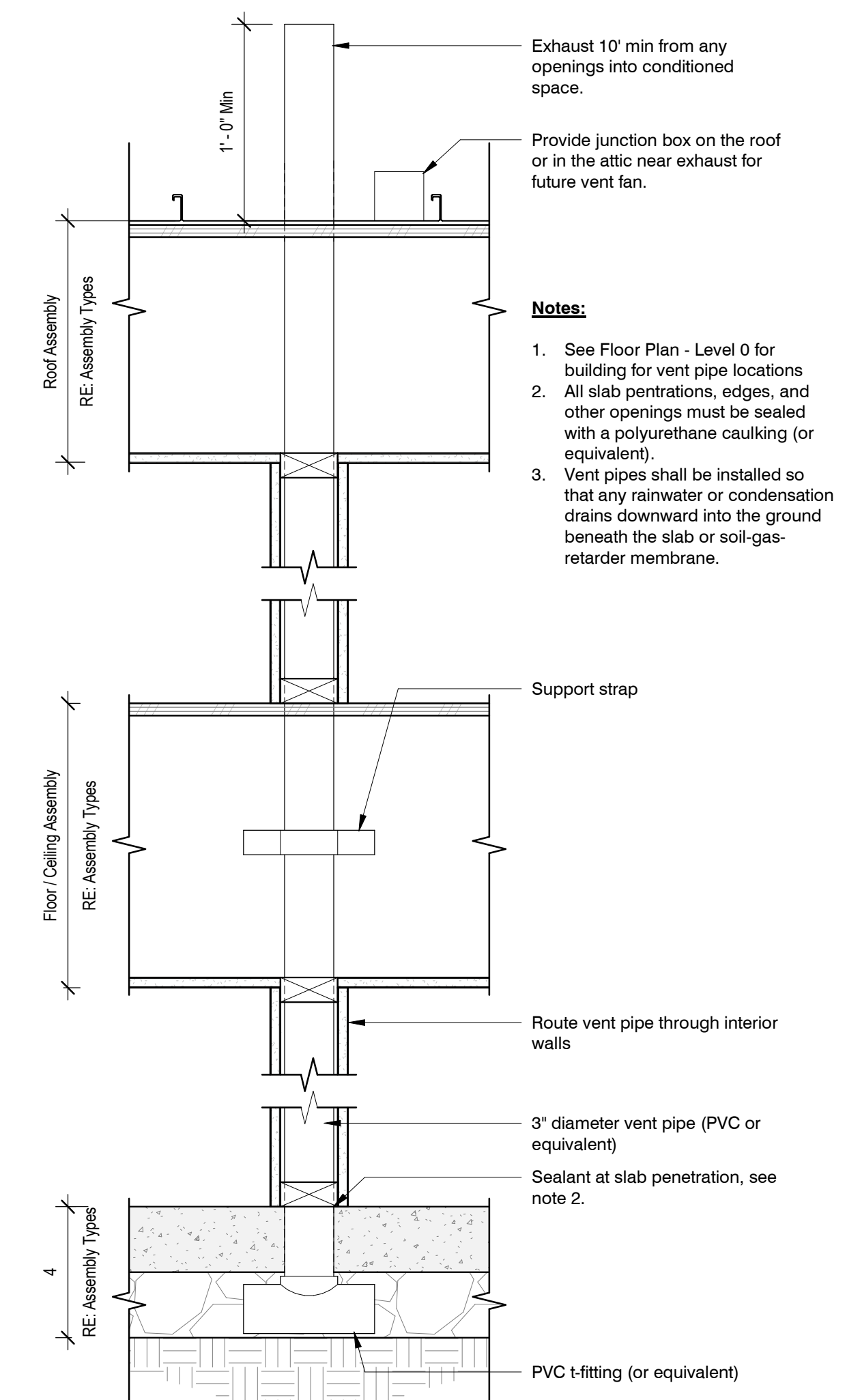
5 Foundation Detail, Typ.
A5.00 SCALE: 1 1/2" = 1'-0"



4 Foundation @ Deck Detail
A5.00 SCALE: 1 1/2" = 1'-0"



3 Foundation Detail @ Garage to MOD Transition
A5.00 SCALE: 1 1/2" = 1'-0"



1 Passive Radon Mitigation Strategy
A5.00 SCALE: 1 1/2" = 1'-0"