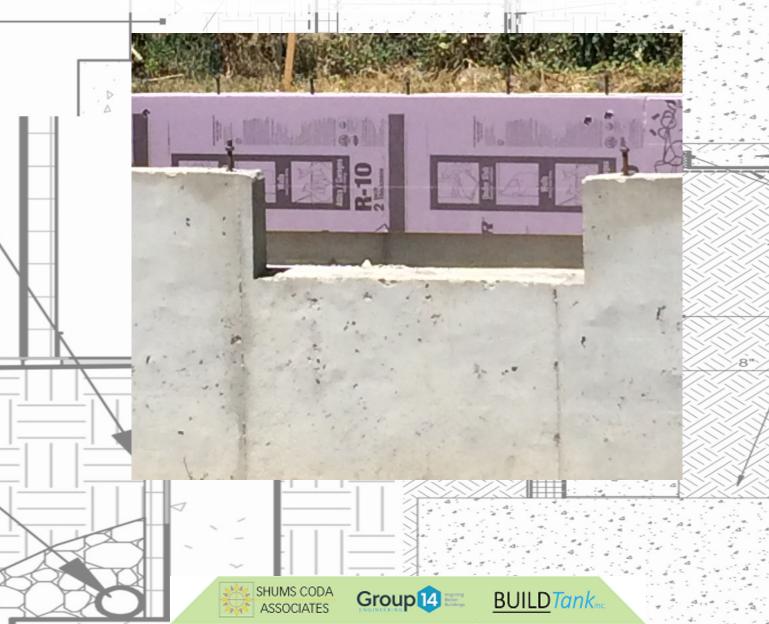


## What to Look for Series Slab on Grade Insulation







# When is slab on grade (slab edge) insulation required and what are the requirements?

#### **Unheated Slab**

#### Commercial - C402.2.4 (2018) C402.2.4 & C402.2.4.1 (2021)

- Slabs that are 24" or less below grade must comply
- Shall be located on the interior or exterior side of the foundation
- Must start at the top of the slab and continue for the distance listed in Table C402.1.3, or to the top of the footing, which ever is less
- Must be installed in an approved configuration
- Must install the minimum R-value from Table C402.1.3

#### Residential - R402.2.10 (2018) R402.2.9 & R402.2.9.1 (2021)

- Slabs that are 12" or less below grade must comply
- Shall be located on the interior or exterior side of the foundation
- Must start at the top of the slab and continue for the distance list Table R402.1.2(2018) or Table R402.1.3(2021) or to the top of the footings, which ever is less
- Must be installed in an approved configuration
- Must install the minimum R-value from Table R402.1.2(2018) or Table R402.1.3(2021)

#### **Heated Slabs**

#### Commercial Table C402.1.3 and

### Residential Foot Note d Table R402.1.2(2018) and Table R402.1.3(2021)

- Minimum R-5 insulation shall be installed under the entire slab
- Slab edge insulation not required to extended below the slab

#### **Exposed Foundation Insulation Protection C303.2.1 or R303.2.1**

 Exposed foundation insulation will require a protective covering that must extend a minimum of 6 inches below grade



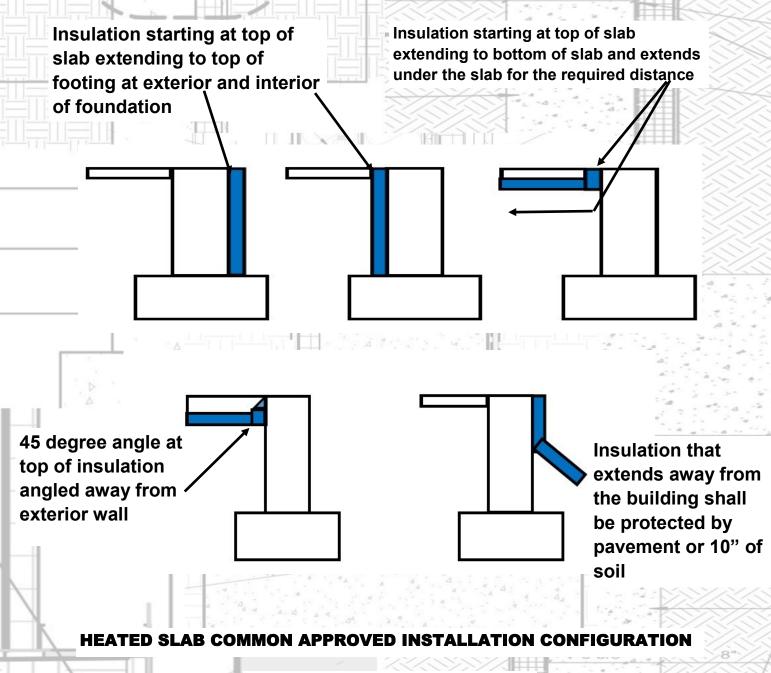


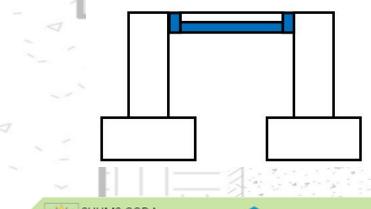




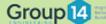
### Slab on Grade (Slab Edge) Insulation Installation

#### UNHEATED SLAB COMMON APPROVED INSTALLATION CONFIGURATIONS





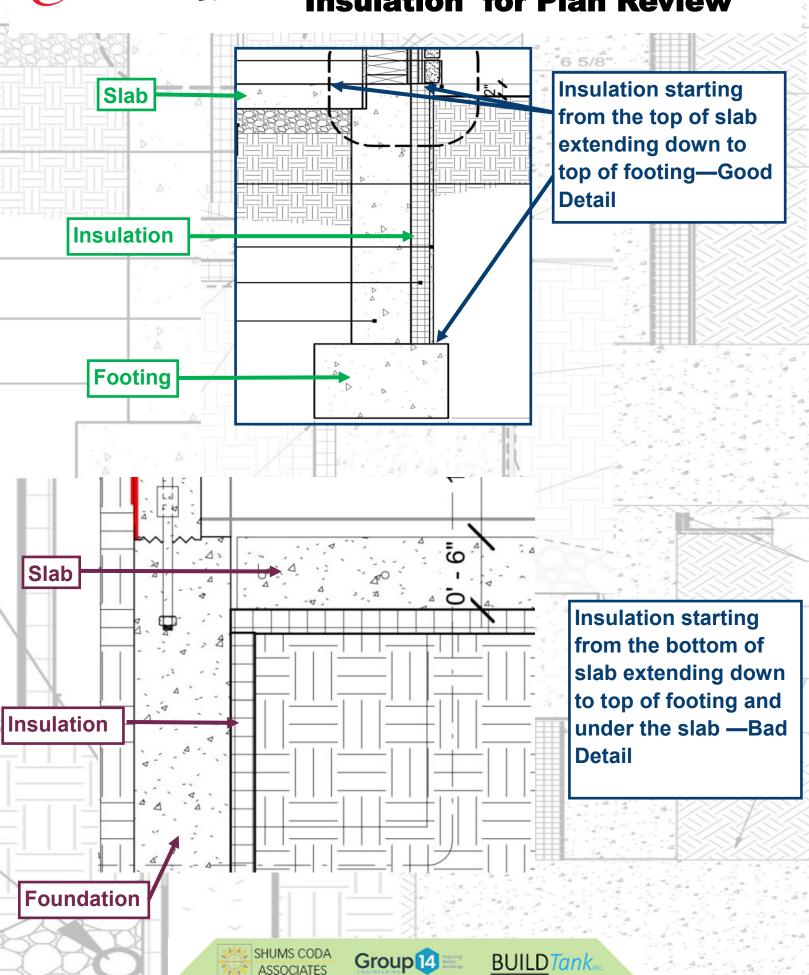






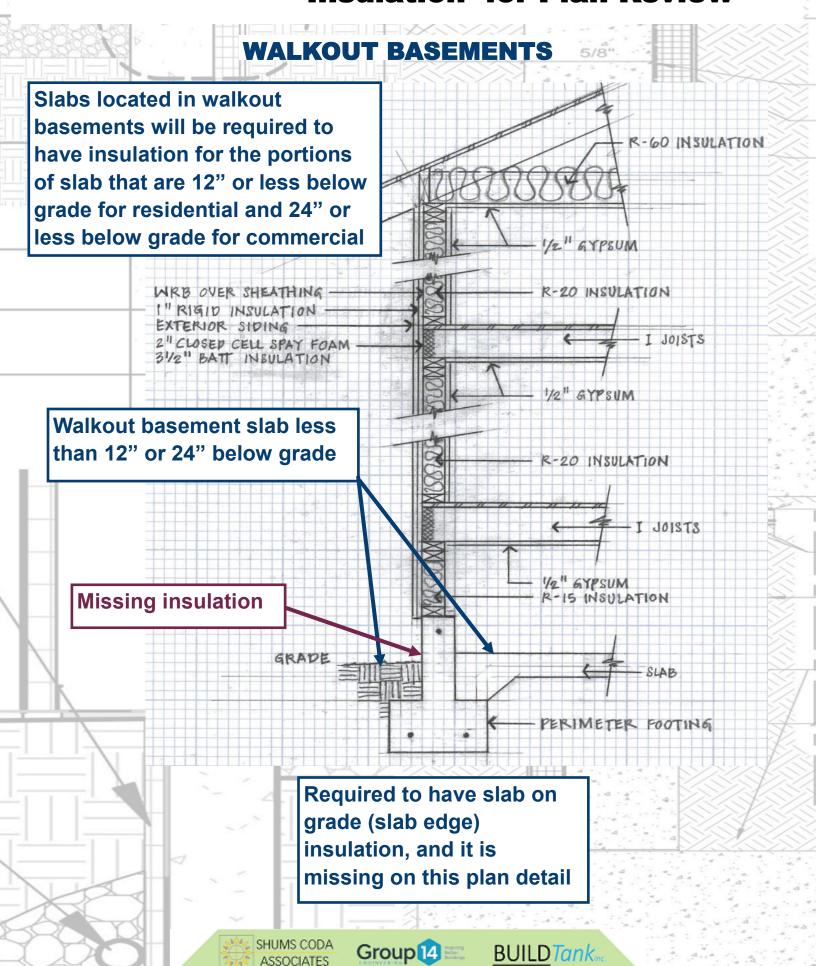


### Slab on Grade (Slab Edge) Insulation for Plan Review



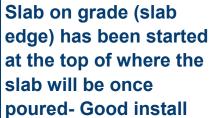


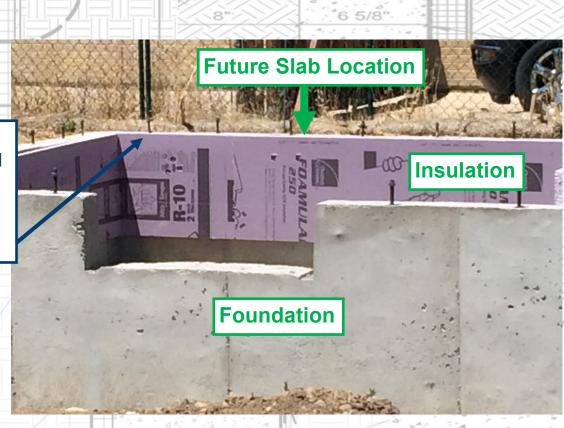
### Slab on Grade (Slab Edge) Insulation for Plan Review





#### Slab on Grade (Slab Edge) Insulation for Inspection

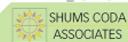




#### **HEATED SLAB**

Is there slab on grade (slab edge) insulation at the foundation? - Not sure

The minimum R-5 insulation under the slab has been installed - Good install









### Slab on Grade (Slab Edge) Insulation for Inspection



Insulation installed at top of foundation on the exterior side of the foundation and where the slab will be poured. -Intent good

Insulation has been damaged in locations

Insulation located on the exterior side of foundation and is exposed. Should have protection that extended into grade for 6" - Not a good install

