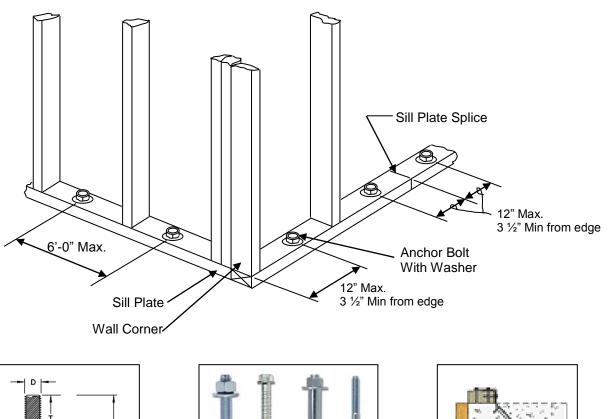
Knox County Code Administration & Inspection (865) 215-2325

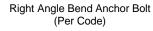
2018 IRC – Foundation Anchorage



Alternate Engineered Anchor Bolts

(Engineering Required)

Alternate engineered anchor strap (Code Approved)



REV. 022019



Section R403.1.6, 2018 IRC:

¹/₂" (or larger) diameter anchor bolts embedded 7" minimum into concrete or grouted cells of concrete masonry units and spaced 6 feet on center maximum or approved anchors or anchor straps are required.

NOTES:

- Anchor bolts must be placed within 12" of each wall corner and all sill plate splices at a minimum 3 ¹/₂" from the edge.
- 2. Maximum spacing of bolts is 6'-0".
- 3. Bolts must be ½" diameter minimum size with washers.
- 4. Right angle bend anchor bolts must have 7" embedment.
- Alternate anchor bolts and anchor straps may be used and must be installed per manufacturer's instructions and may require engineer's approval.