IRC Figure 404.1.3.1 (a)

Note: Wall must extend 6” above finished Grade, Walls over 9 ft or with more than 8 ft of unbalanced load require stamped engineered drawings.

**VERTICAL REINFORCEMENT- OPTION 1**

#4 Bars 18 inches on center tied to #4 footing ties that are a minimum of 18 inches long and imbedded a minimum of 6 inches into the footing

**VERTICAL REINFORCEMENT- OPTION 2**

#5 Bars 24 inches on center tied to #5 footing ties that are a minimum of 18 inches long and imbedded a minimum of 6 inches into the footing

**HORIZONTAL REINFORCEMENT**

#5 Bars, One each within 12 inches of the top and bottom of the wall, and as needed with maximum vertical spacing of 24”.

**HORIZONTAL WALL SPLICE DETAIL**

Reinforcement Bars

Maximum Gap 4”

Minimum Lap Length 12”

DESIGN LOADS: Soil Weight: 120 PCF
Lateral Liquid Equivalent Soil Pressure: 50PCF
Soil Level One Foot Below Top of Wall