



# Building Guide

ILLOWA Chapter of ICC

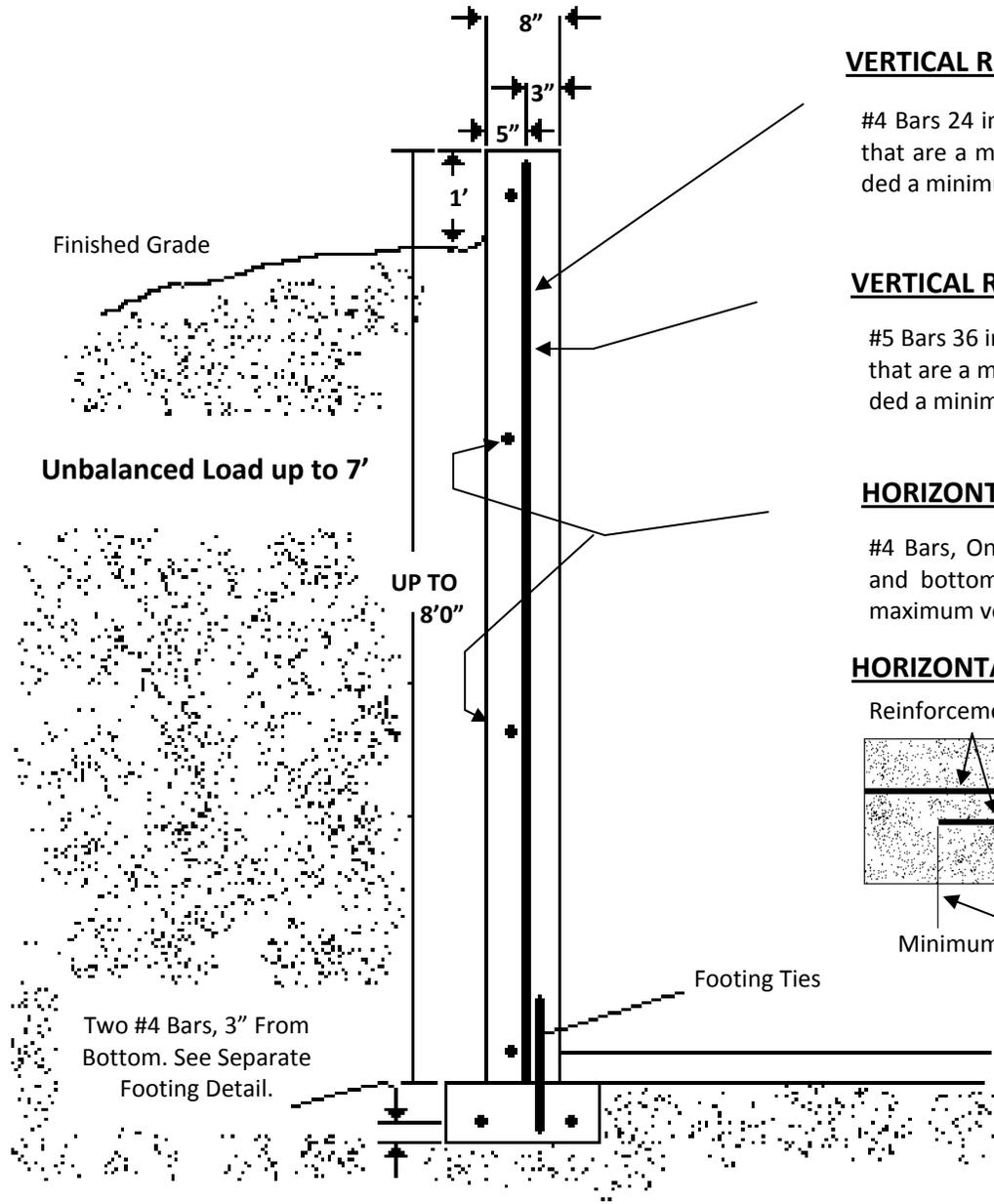


## FOUNDATION WALL REINFORCEMENT

All Foundation Walls up to 8 FT in height  
with up to 7 ft Unbalanced Load

### IRC Figure 404.1.3.1 (b)

Note: Wall must extend 6" above finished Grade



#### VERTICAL REINFORCEMENT- OPTION 1

#4 Bars 24 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

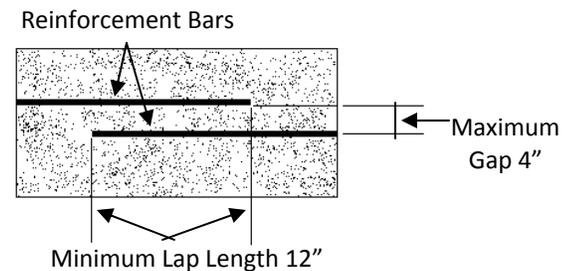
#### VERTICAL REINFORCEMENT- OPTION 2

#5 Bars 36 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

#4 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



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