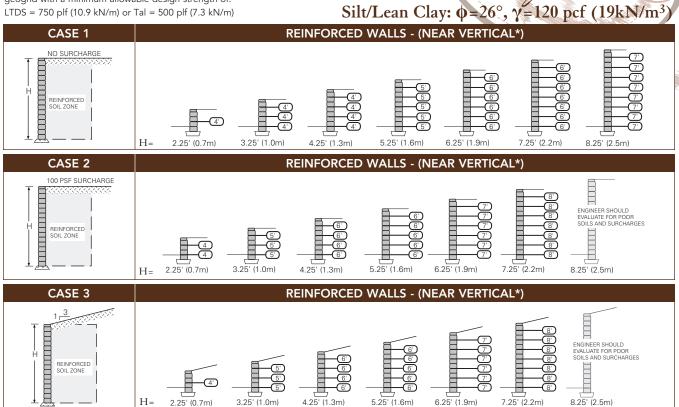
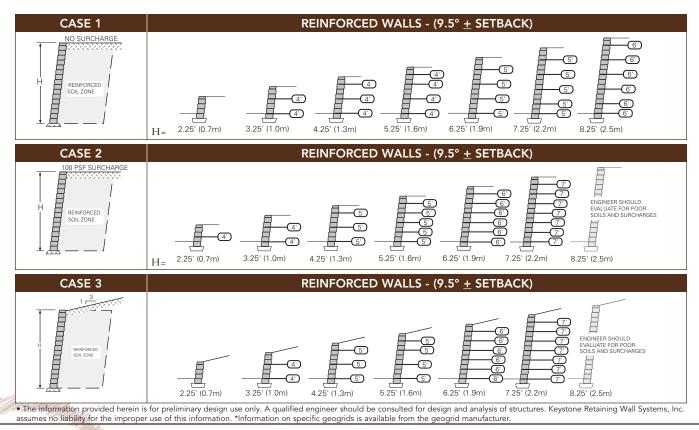
The following charts assume the use of a coated polyester geogrid with a minimum allowable design strength of: LTDS = 750 plf (10.9 kN/m) or Tal = 500 plf (7.3 kN/m)



Design

Charly

*FOR CONSTRUCTION OF NEAR VERTICAL BATTER (CENTER PIN HOLE), CONSTRUCT WITH POSITIVE BATTER BY TILTING UNITS BACK TOWARDS FILL ON LEVELING PAD. ELEVATION DROP ALONG THE 10" WIDTH OF THE BLOCK TO BE 3/8".



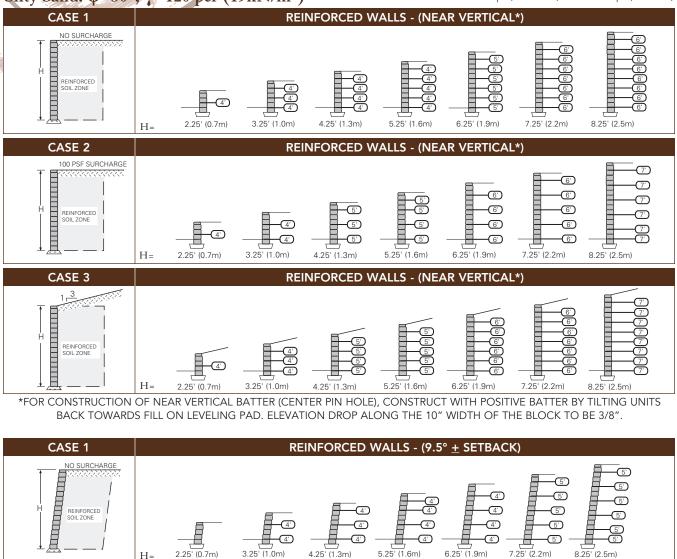
Country Manor 17

Silty Sand: $\phi = 30^\circ$, $\gamma = 120$ pcf (19kN/m³)

H=

Design (

The following charts assume the use of a coated polyester geogrid with a minimum allowable design strength of: LTDS = 750 plf (10.9 kN/m) or Tal = 500 plf (7.3 kN/m)



CASE 2 REINFORCED WALLS - (9.5° + SETBACK) 100 PSF SURCHARGE (6[']) (5) -6' 5 (5⁻) -6' -5' -<u>5</u>' REINFORCED -6' SOIL ZONE -5' -<u>(5</u>') 6 Ħ (4⁻) (4[']) (5⁻) 5 (4')3.25' (1.0m) 7.25' (2.2m) 8.25' (2.5m) 2.25' (0.7m) 4.25' (1.3m) 5.25' (1.6m) 6.25' (1.9m) H= CASE 3 REINFORCED WALLS - (9.5° + SETBACK) 1 🗖 -6' (5⁻) -6' -5' (5⁻) -6' -5' -5' 4 REINFORCEI SOIL ZONE -6' 4 5 5 4 6

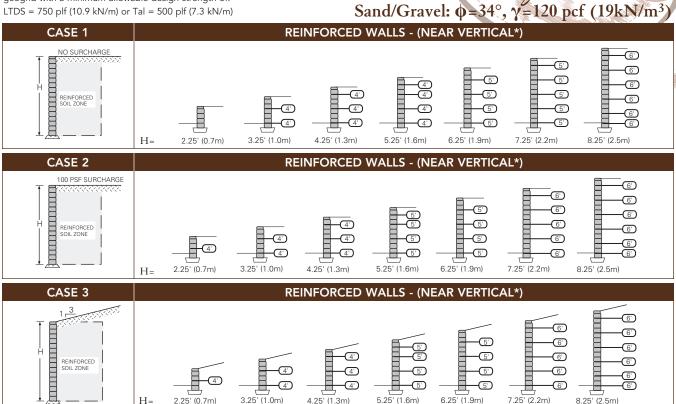
7.25' (2.2m) 2.25' (0.7m) 3.25' (1.0m) 4.25' (1.3m) 5.25' (1.6m) 6.25' (1.9m) 8.25' (2.5m) H= • The information provided herein is for preliminary design use only. A qualified engineer should be consulted for design and analysis of structures. Keystone Retaining Wall Systems, Inc. assumes no liability for the improper use of this information. *Information on specific geogrids is available from the geogrid manufacturer.

4'

The following charts assume the use of a coated polyester geogrid with a minimum allowable design strength of: LTDS = 750 plf (10.9 kN/m) or Tal = 500 plf (7.3 kN/m)

H=

2.25' (0.7m)



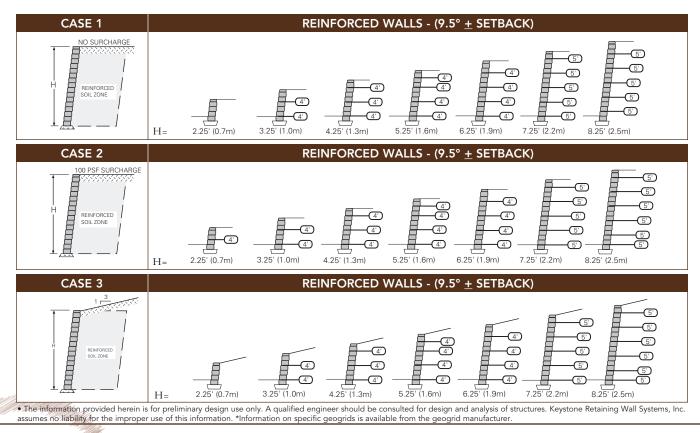
Design

harts

*FOR CONSTRUCTION OF NEAR VERTICAL BATTER (CENTER PIN HOLE), CONSTRUCT WITH POSITIVE BATTER BY TILTING UNITS BACK TOWARDS FILL ON LEVELING PAD. ELEVATION DROP ALONG THE 10" WIDTH OF THE BLOCK TO BE 3/8".

4.25' (1.3m)

6.25' (1.9m)



Country Manor. 19

8.25' (2.5m)