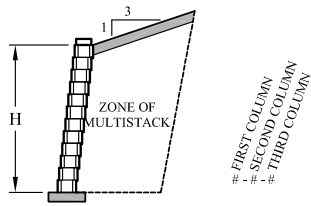
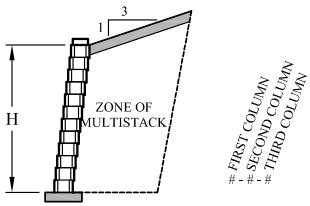
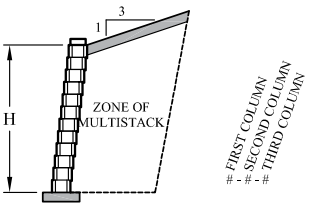
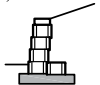
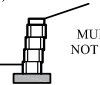
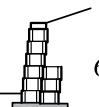
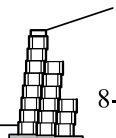
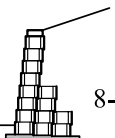
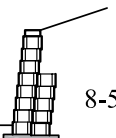
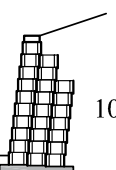
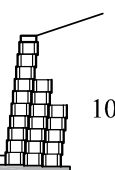
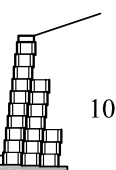
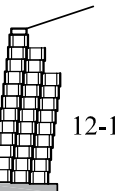
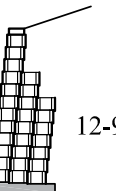


Estimating Chart for Multi-Stack Walls

Diamond Pro® Retaining Walls

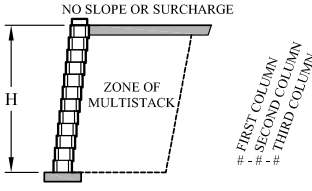
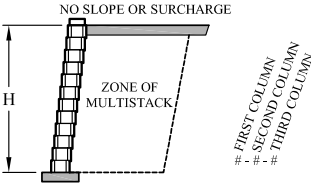
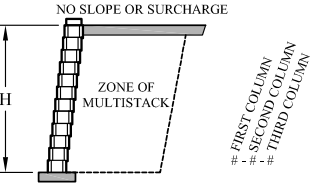
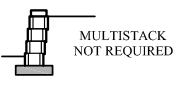
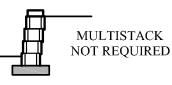
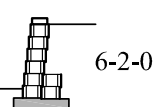
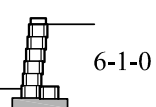
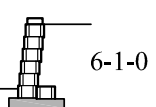
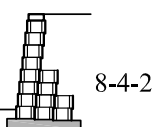
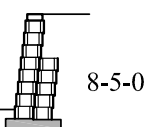
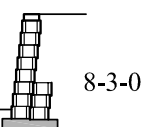
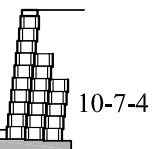
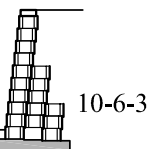
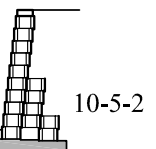
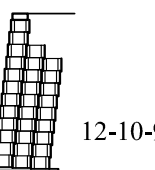
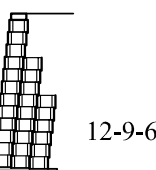
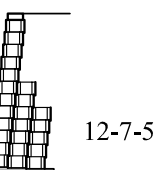
3:1 Crest Slope

CLAY AND SILT SOIL H $\phi = 26^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	SILTY/CLAYEY SAND SOIL H $\phi = 30^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	CLEAN SAND AND GRAVEL SOIL H $\phi = 34^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$
		
4 Courses 2'-8" (800 mm)  4-1-0	4 Courses 2'-8" (800 mm)  MULTISTACK NOT REQUIRED	4 Courses 2'-8" (800 mm)  MULTISTACK NOT REQUIRED
6 Courses 4'-0" (1200 mm)  6-4-0	6 Courses 4'-0" (1200 mm)  6-3-0	6 Courses 4'-0" (1200 mm)  6-2-0
8 Courses 5'-4" (1600 mm)  8-6-3	8 Courses 5'-4" (1600 mm)  8-4-2	8 Courses 5'-4" (1600 mm)  8-5-0
10 Courses 6'-8" (2000 mm)  10-9-7	10 Courses 6'-8" (2000 mm)  10-7-5	10 Courses 6'-8" (2000 mm)  10-7-3
12 Courses 8'-0" (2400 mm) N/A	12 Courses 8'-0" (2400 mm)  12-11-9	12 Courses 8'-0" (2400 mm)  12-9-7

Estimating Chart for Multi-Stack Walls

Diamond Pro® Retaining Walls

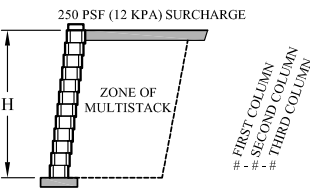
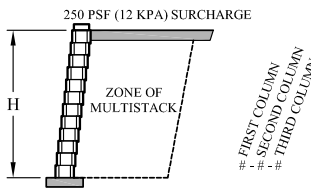
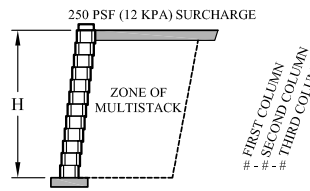
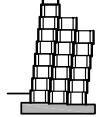
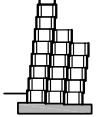
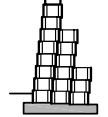
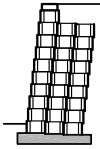
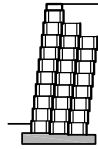
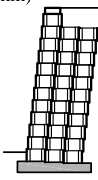
No Slope / No Surcharges

CLAY AND SILT SOIL H $\phi = 26^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	SILTY/CLAYEY SAND SOIL H $\phi = 30^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	CLEAN SAND AND GRAVEL SOIL H $\phi = 34^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$
		
4 Courses 2'-8" (800 mm)  MULTISTACK NOT REQUIRED	4 Courses 2'-8" (800 mm)  MULTISTACK NOT REQUIRED	4 Courses 2'-8" (800 mm)  MULTISTACK NOT REQUIRED
6 Courses 4'-0" (1200 mm)  6-2-0	6 Courses 4'-0" (1200 mm)  6-1-0	6 Courses 4'-0" (1200 mm)  6-1-0
8 Courses 5'-4" (1600 mm)  8-4-2	8 Courses 5'-4" (1600 mm)  8-5-0	8 Courses 5'-4" (1600 mm)  8-3-0
10 Courses 6'-8" (2000 mm)  10-7-4	10 Courses 6'-8" (2000 mm)  10-6-3	10 Courses 6'-8" (2000 mm)  10-5-2
12 Courses 8'-0" (2400 mm)  12-10-9	12 Courses 8'-0" (2400 mm)  12-9-6	12 Courses 8'-0" (2400 mm)  12-7-5

Estimating Chart for Multi-Stack Walls

Diamond Pro® Retaining Walls

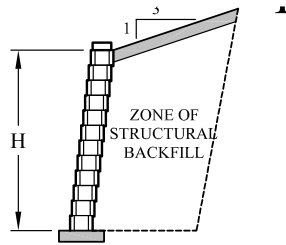
250 PSF Surcharge

CLAY AND SILT SOIL $\phi = 26^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	SILTY/CLAYEY SAND SOIL $\phi = 30^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	CLEAN SAND AND GRAVEL SOIL $\phi = 34^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$
		
4 Courses 2'-8" (800 mm)  4-3-0	4 Courses 2'-8" (800 mm)  4-2-0	4 Courses 2'-8" (800 mm)  4-2-0
6 Courses 4'-0" (1200 mm)  6-5-3	6 Courses 4'-0" (1200 mm)  6-4-2	6 Courses 4'-0" (1200 mm)  6-4-2
8 Courses 5'-4" (1600 mm)  8-7-6	8 Courses 5'-4" (1600 mm)  8-6-5	8 Courses 5'-4" (1600 mm)  8-6-3
10 Courses 6'-8" (2000 mm) N/A	10 Courses 6'-8" (2000 mm)  10-9-9	10 Courses 6'-8" (2000 mm)  10-9-8
12 Courses 8'-0" (2400 mm) N/A	12 Courses 8'-0" (2400 mm) N/A	12 Courses 8'-0" (2400 mm)  12-11-11

Estimating Chart Structural Backfill Using AnchorPlex® System

Diamond Pro® Retaining Walls

3:1 Crest Slope

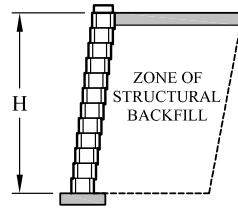


	Clay and Silt Soils $\phi = 26^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	Silty / Clayey Sand Soil $\phi = 30^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	Clean Sand and Gravel Soil $\phi = 34^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$
4'-0" (1200 mm) 6 Courses	 2'-0" [600 mm] 0.37 x Wall Length = CY of Structural Backfill	 1'-0" [300 mm] 0.22 x Wall Length = CY of Structural Backfill	 1'-0" [300 mm] 0.22 x Wall Length = CY of Structural Backfill
6'-0" (1800 mm) 9 Courses	 3'-6" [1050 mm] 0.89 x Wall Length = CY of Structural Backfill	 1'-6" [450 mm] 0.44 x Wall Length = CY of Structural Backfill	 1'-0" [300 mm] 0.33 x Wall Length = CY of Structural Backfill
8'-0" (2400 mm) 12 Courses	 5'-6" [1650 mm] 1.78 x Wall Length = CY of Structural Backfill	 2'-6" [750 mm] 0.89 x Wall Length = CY of Structural Backfill	 1'-6" [450 mm] 0.59 x Wall Length = CY of Structural Backfill
10'-0" (3000 mm) 15 Courses	 Wall design to be performed by a professional engineer	 3'-6" [1050 mm] 1.48 x Wall Length = CY of Structural Backfill	 2'-6" [750 mm] 1.11 x Wall Length = CY of Structural Backfill
12'-0" (3600 mm) 18 Courses	 Wall design to be performed by a professional engineer	 4'-0" [1200 mm] 2.00 x Wall Length = CY of Structural Backfill	 3'-0" [900 mm] 1.56 x Wall Length = CY of Structural Backfill

Estimating Chart Structural Backfill Using AnchorPlex® System

Diamond Pro® Retaining Walls

No Slope / No Surcharges

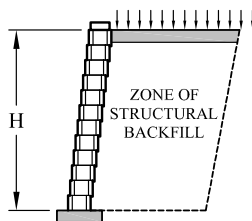


	Clay and Silt Soils $\phi = 26^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	Silty / Clayey Sand Soil $\phi = 30^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	Clean Sand and Gravel Soil $\phi = 34^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$
4'-0" (1200 mm) 6 Courses	0.22 x Wall Length = CY of Structural Backfill	0.22 x Wall Length = CY of Structural Backfill	0.22 x Wall Length = CY of Structural Backfill
6'-0" (1800 mm) 9 Courses	0.44 x Wall Length = CY of Structural Backfill	0.33 x Wall Length = CY of Structural Backfill	0.33 x Wall Length = CY of Structural Backfill
8'-0" (2400 mm) 12 Courses	0.89 x Wall Length = CY of Structural Backfill	0.59 x Wall Length = CY of Structural Backfill	0.59 x Wall Length = CY of Structural Backfill
10'-0" (3000 mm) 15 Courses	1.30 x Wall Length = CY of Structural Backfill	0.93 x Wall Length = CY of Structural Backfill	1.11 x Wall Length = CY of Structural Backfill
12'-0" (3600 mm) 18 Courses	2.00 x Wall Length = CY of Structural Backfill	1.56 x Wall Length = CY of Structural Backfill	1.56 x Wall Length = CY of Structural Backfill

Estimating Chart Structural Backfill Using AnchorPlex® System

Diamond Pro® Retaining Walls

250 PSF Surcharge



	Clay and Silt Soils $\phi = 26^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	Silty / Clayey Sand Soil $\phi = 30^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	Clean Sand and Gravel Soil $\phi = 34^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$
4'-0" (1200 mm) 6 Courses	 $0.44 \times \text{Wall Length} =$ CY of Structural Backfill	 $0.30 \times \text{Wall Length} =$ CY of Structural Backfill	 $0.27 \times \text{Wall Length} =$ CY of Structural Backfill
6'-0" (1800 mm) 9 Courses	 $0.89 \times \text{Wall Length} =$ CY of Structural Backfill	 $0.56 \times \text{Wall Length} =$ CY of Structural Backfill	 $0.22 \times \text{Wall Length} =$ CY of Structural Backfill
8'-0" (2400 mm) 12 Courses	 $1.33 \times \text{Wall Length} =$ CY of Structural Backfill	 $0.89 \times \text{Wall Length} =$ CY of Structural Backfill	 $0.44 \times \text{Wall Length} =$ CY of Structural Backfill
10'-0" (3000 mm) 15 Courses		 $1.30 \times \text{Wall Length} =$ CY of Structural Backfill	 $1.11 \times \text{Wall Length} =$ CY of Structural Backfill
12'-0" (3600 mm) 18 Courses		 $1.78 \times \text{Wall Length} =$ CY of Structural Backfill	 $1.56 \times \text{Wall Length} =$ CY of Structural Backfill