



Basic Geogrid Installation

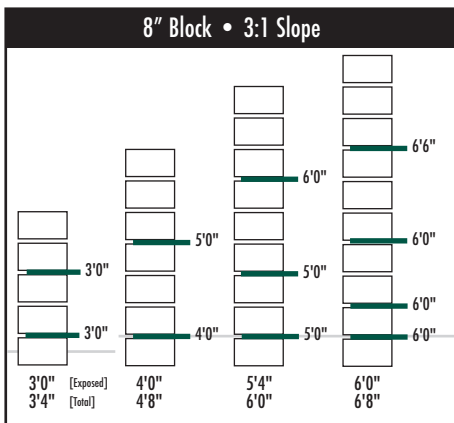
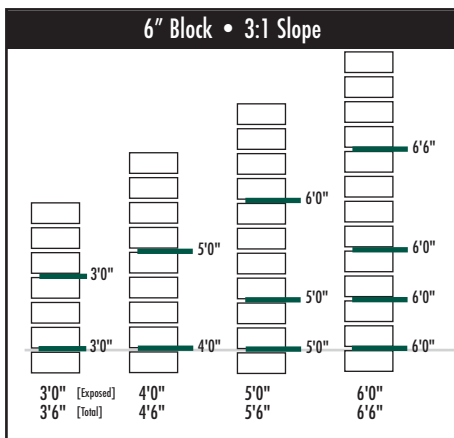
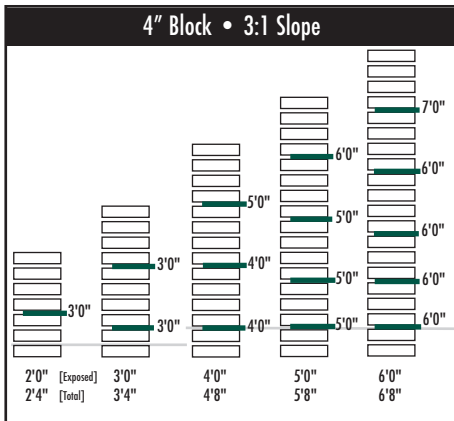
- STEP 1:** Follow the installation instructions supplied with the retaining wall system. Including foundation preparation, block alignment, core filling, drainage rock placement, backfill placement, and compaction.
- STEP 2:** Backfill must be compacted and level with the top of the retaining block course prior to installation of geogrids. The geogrid should start near the face of the block and remain in one continuous piece to the back of the reinforced soil mass (no splicing). Butt together at edges — DO NOT overlap geogrid.
- STEP 3:** Place the next course of block on top of the geogrid.
- STEP 4:** Eliminate any folds or looseness in the geogrid by pulling tight and staking at the back.
- STEP 5:** Backfill and compact the soil to 95% standard proctor. Always backfill and compact one course of block at a time. Keep an adequate cushion of soil between the geogrid and equipment.
- STEP 6:** Repeat process until retaining wall is completed.
- STEP 7:** If your retaining wall steps up at the bottom of the wall, move the bottom layer of geogrid up one course of block at a time instead of eliminating a layer. Follow this procedure until the 2nd layer of geogrid from the bottom is encountered, then eliminate the bottom layer of geogrid.

See back side for general **“Geogrid Placement Tables”** on Universal and 3 Series walls up to 10’ in height.

Geogrid Placement Tables

Geogrid is placed on top of the indicated course of block.

Universal Geogrid and 3 Series up to 6'



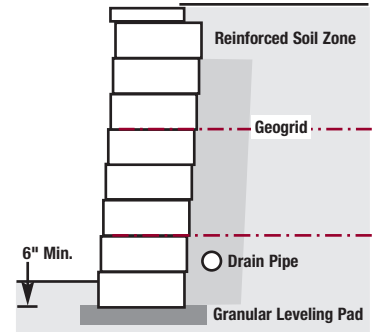
3 Series only up to 10'

8' Exposed Height Wall

Block Course #	6" Block (9' Total Height) Length of Grid	8" Block (8.67' Total Height) Length of Grid
18	Top of Wall	
17		
16		
15		
14	8.5'	
13		Top of Wall
12		
11		
10	8.0'	8.5'
9		
8		8.0'
7	8.0'	
6		8.0'
5		
4	8.0'	8.0'
3		
2	8.0'	8.0'
1	8.0'	8.0'

10' Exposed Height Wall

Block Course #	6" Block (11' Total Height) Length of Grid	8" Block (10.67' Total Height) Length of Grid
22	Top of Wall	
21		
20		
19		
18	10.5'	
17		
16		Top of Wall
15		
14	10.0'	
13		10.5'
12		
11	10.0'	
10		10.0'
9		
8	10.0'	10.0'
7		
6	10.0'	10.0'
5		
4	10.0'	10.0'
3		10.0'
2	10.0'	10.0'
1	10.0'	10.0'



Each placement design table included is to be used up to the indicated height only. When the retaining wall exceeds that height, a higher design table should be used.

NOTE: See your SRW Products dealer for a preliminary design request form if the retaining wall does not fit the parameters shown on the placement tables above.

GEOGRID PLACEMENT DISCLAIMER: Soil parameters used for these geogrid placement tables were PHI=27 degrees for the infill, retained soil and foundation soils. It is the responsibility of the owner to ensure that soil parameters conservatively represent the site soils. Proper geo-technical information may need to be considered and additional geogrid may be required. Global stability has not been considered in this analysis. Water table elevations have not been evaluated into the structural integrity of these preliminary designs. It is assumed that water run off, all modes of failure, including global stability, etc. have been properly addressed by a professional. Final design for construction, should be verified and stamped by a registered state engineer before construction begins. See your local building/zoning department for permit requirements.