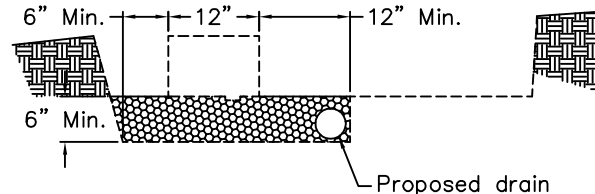


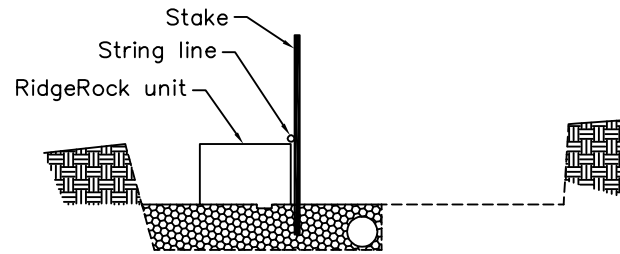
1. Survey and stake SRW location.
2. Perform general excavation for wall.

STEP 1, WALL LAYOUT AND GENERAL EXCAVATION



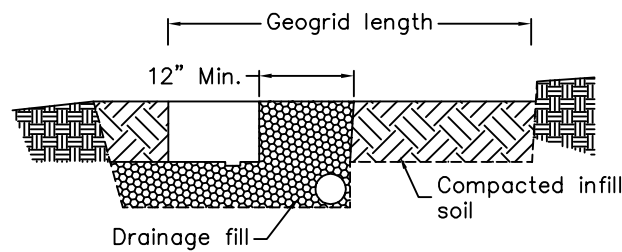
1. Ensure trench is excavated sufficiently to create a minimum leveling pad thickness of 6" and to the minimum width shown on the engineered plans.
2. Install drain pipe with positive gravity flow to outlet.
3. Place, level and compact leveling pad material for RidgeRock units.

STEP 2, LEVELING PAD



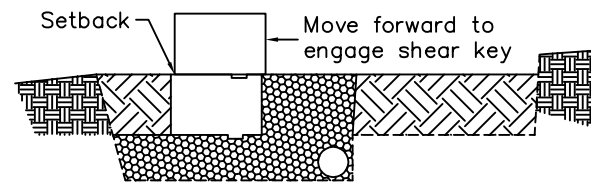
1. Check leveling pad elevation and smooth leveling pad surface.
2. Stake and stringline the wall location. Place stringline along back edge of RidgeRock unit, not the split face.
3. Install first course of RidgeRock units. Level each unit. A rubber mallet may be used to seat the units in the leveling pad material and aid in leveling of each course.

STEP 3, SETTING FIRST RIDGEROCK COURSE



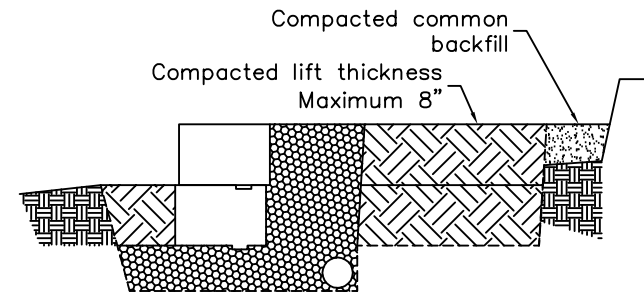
1. Fill all openings in and between blocks with drainage fill.
2. Place drainage fill behind and up to the height of RidgeRock units. More than 12" may be required in areas, to maintain 12" minimum.
3. Place and compact infill soil behind drainage stone.
4. Place and compact fill soil in front of wall.
5. Compact drainage fill.

STEP 4, BACKFILLING FIRST COURSE



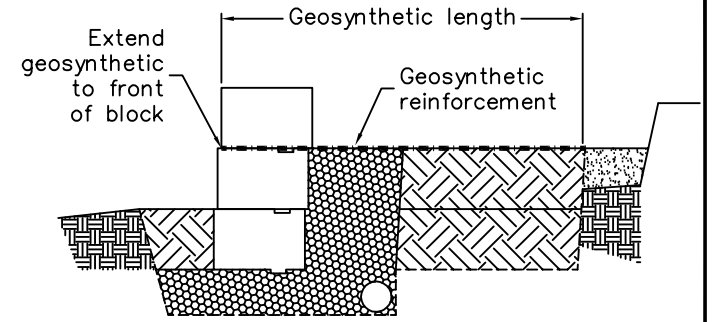
1. Ensure drainage stone is not higher than the top of last course.
2. Sweep all debris from the top of the last course.
3. Set next course on top of previous course in a running bond configuration.
4. Push block forward until shear key engages with blocks below. A string line should be used on a minimum of every other course placed to ensure proper alignment.

STEP 5, SETTING NEXT RIDGEROCK COURSES



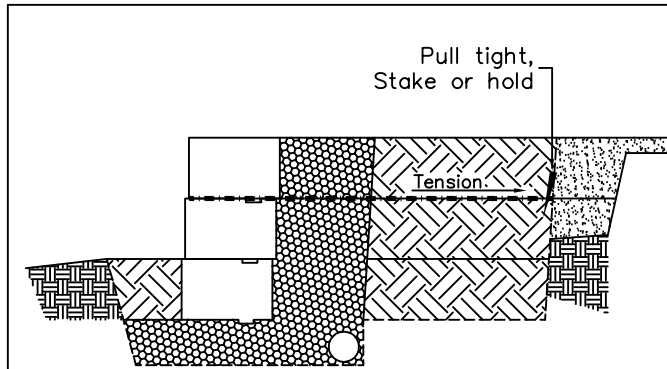
1. Fill all openings in and between blocks with drainage fill.
2. Place drainage fill behind and up to the height of RidgeRock units. More than 12" may be required in areas, to maintain 12" minimum.
3. Place and compact infill soil behind drainage stone.
4. Compact drainage fill.

STEP 6, FILL PLACEMENT ON NEXT COURSES



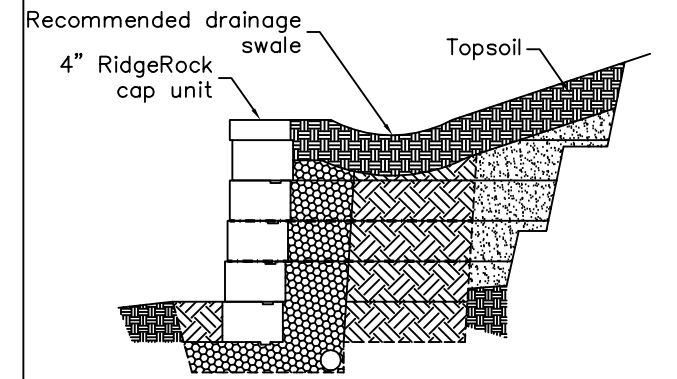
1. Ensure drainage stone is not higher than top of last course.
2. Sweep debris off top of last course.
3. Cut geosynthetic to design length and install with strength direction perpendicular to wall face. Extend to front of block.
4. Set next RidgeRock course in a running bond configuration on top of the geosynthetic reinforcement.
5. Push block forward until shear key engages with blocks below.

STEP 7, PLACEMENT OF GEOSYNTHETIC



1. Pull geogrid taut. Hold or stake to maintain uniform tension while placing fill.
2. Place drainage fill in and around block and 12" behind block.
3. Place and compact infill soils.
4. Compact drainage fill.

STEP 8, BACKFILLING OVER GEOSYNTHETIC



1. Continue wall to full height using steps 5 thru 8.
2. Install 4" RidgeRock cap unit. Secure with cap adhesive.
3. Finish grade with positive drainage away from wall face.
4. Place topsoil and vegetate slopes above and at ends of wall.

STEP 9, COMPLETE THE WALL

RIDGEROCK RETAINING WALL  
INSTALLATION PROCEDURE



RidgeRock  
Retaining Walls, LLC  
P.O. Box 241233  
Charlotte, NC 28224  
704-504-3358  
Fax: 504-3038

RIDGEROCK DETAILS

1 of 1  
SHEET NO.

9/2023  
DATE

Information contained herewith is supplied for general use only. All walls should be designed by an engineer registered in the state of the project. Details provided in the final design should be used when available. RidgeRock Retaining Walls Inc. assumes no liability for the accuracy or completeness of this information. Users should satisfy themselves through independent investigation that materials and designs can be used safely.