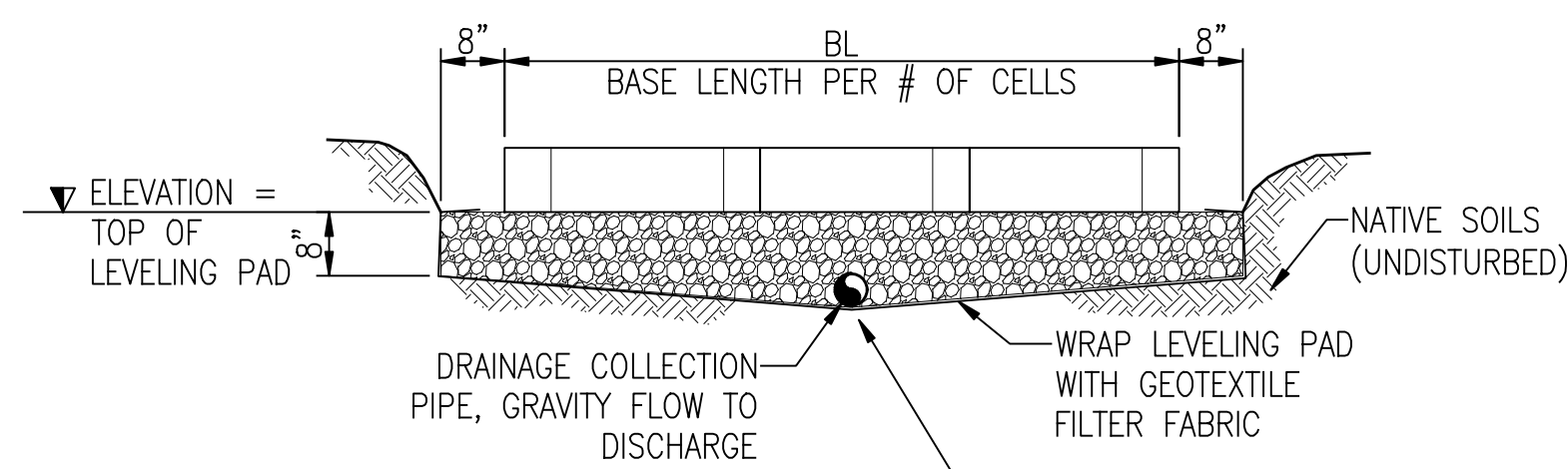


A. WALL LAYOUT AND GENERAL EXCAVATION:

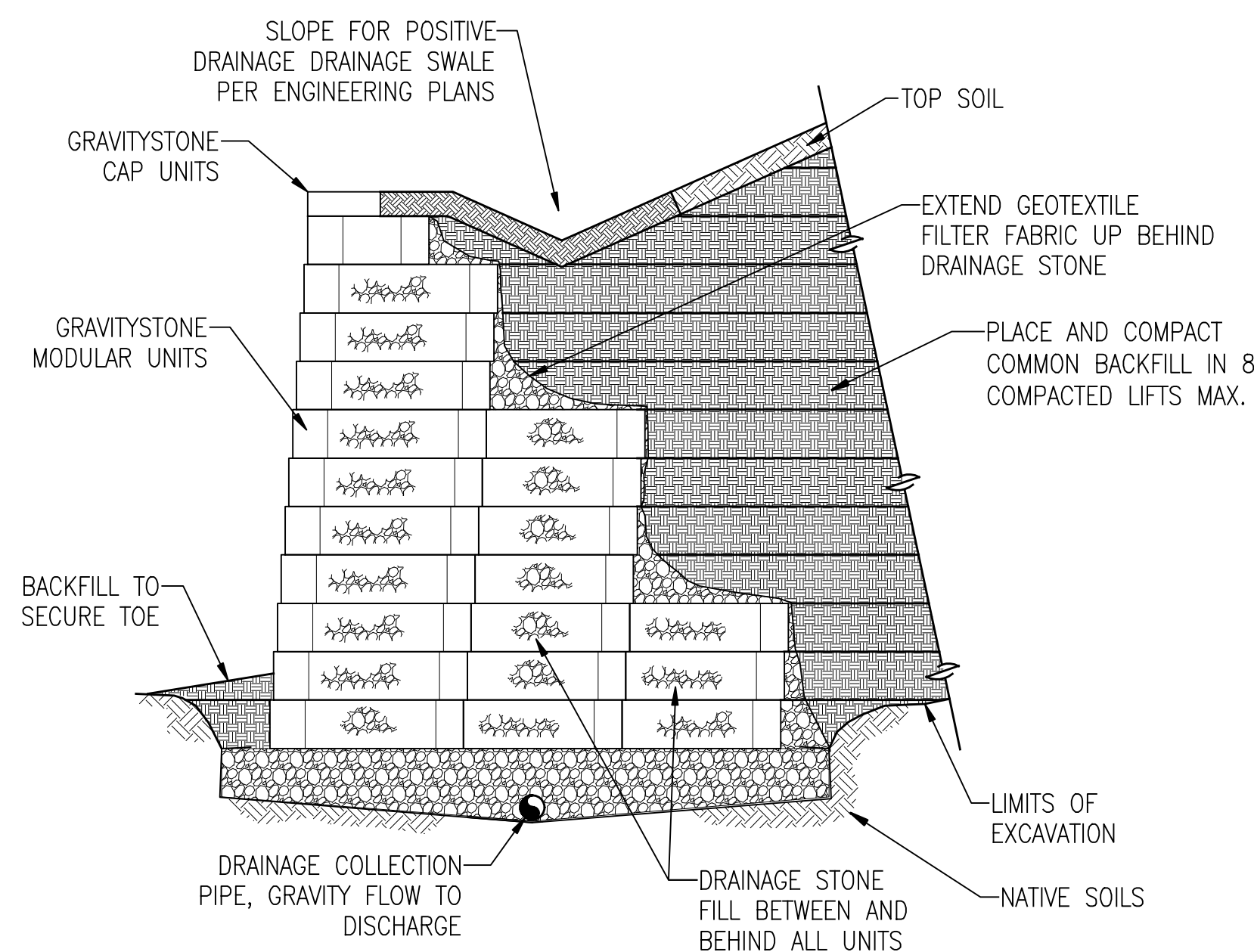
1. SURVEY AND STAKE THE GRAVITYSTONE WALL FACE LOCATION AND GENERAL EXCAVATION LIMITS FOR WALL CONSTRUCTION.
2. ENSURE THE WALL IS ALONG PROPER ALIGNMENT, WITHIN APPROPRIATE PROPERTY BOUNDARIES AND CONSTRUCTION EASMENTS.
3. USE TEMPORARY SHORING, IF NECESSARY TO PROTECT EXISTING STRUCTURES.
4. PERFORM GENERAL EXCAVATION FOR WALL.



B. LEVELING PAD CONSTRUCTION:

1. STAKE WALL LOCATION FOR LEVELING PAD INSTALLATION.
2. EXCAVATE TRENCH TO CREATE A MIN. LEVELING PAD THICKNESS OF 8" ACROSS THE MINIMUM WIDTH AS CONTROLLED BY THE NUMBER OF CELLS AT THE BASE OF THE MODULAR SYSTEM.
3. PLACE GEOTEXTILE FILTER IF REQUIRED.
4. INSTALL DRAIN PIPE WITH POSITIVE GRAVITY FLOW TO OUTSIDE OF WALL.
5. PLACE AND COMPACT DRAIN STONE & AGGREGATE BLANKET DRAIN IF REQUIRED.
6. LEVEL AND COMPACT DRAIN STONE TO SUPPORT WALL UNITS. THE LEVELING PAD MAY BE CONSTRUCTED ON BATTER.

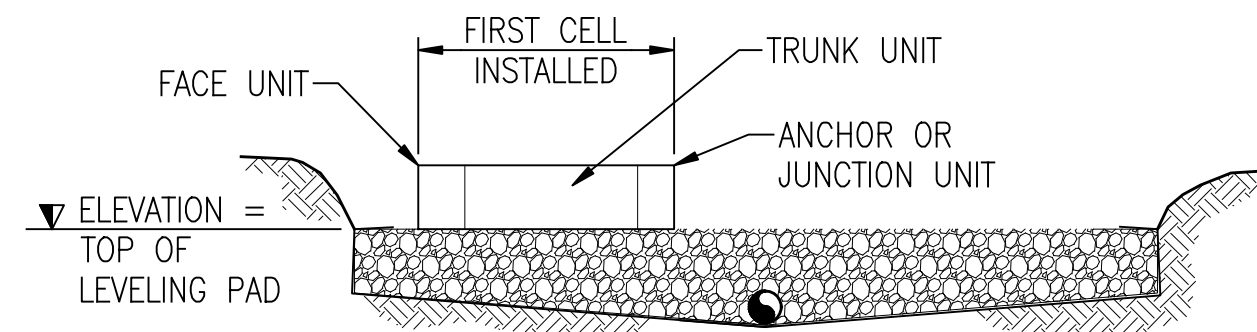
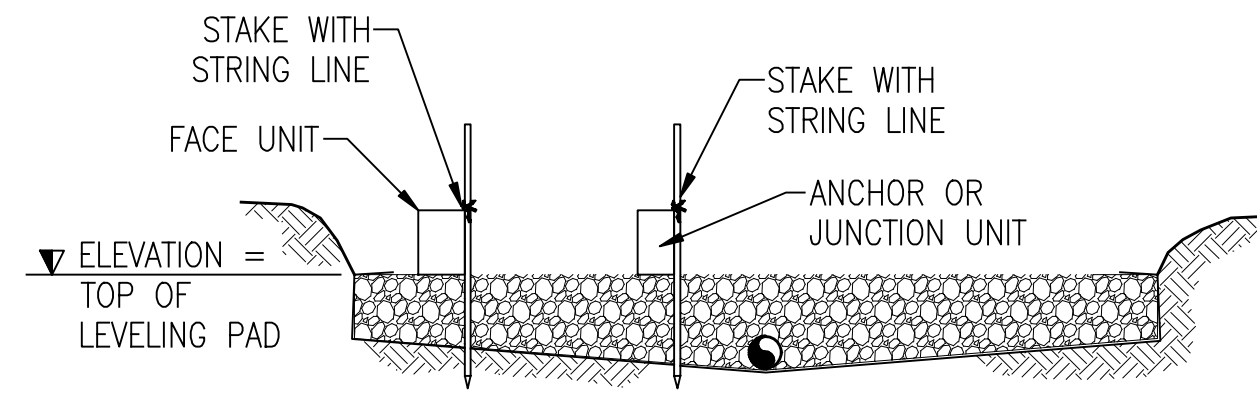
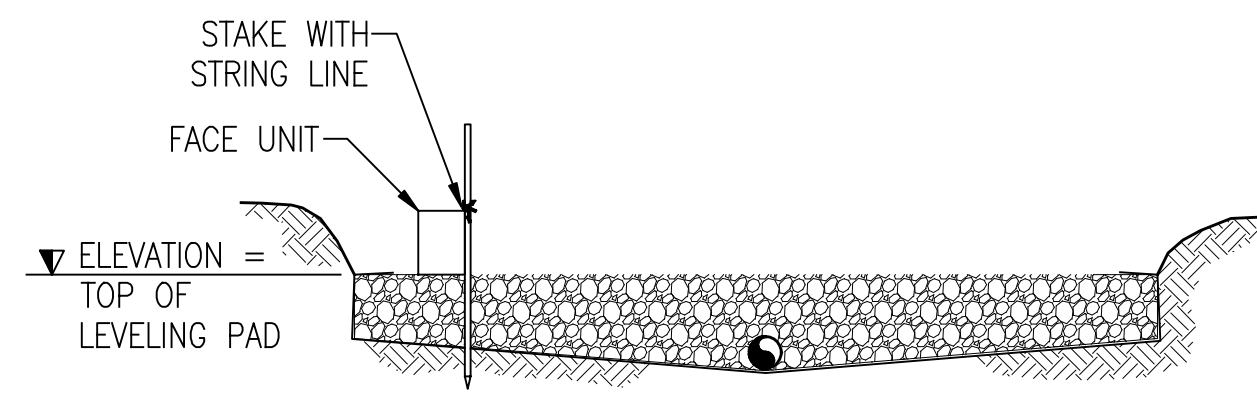
STEP 1 EXCAVATION AND LEVELING PAD



B. COMPLETED REINFORCED GRAVITYSTONE WALL:

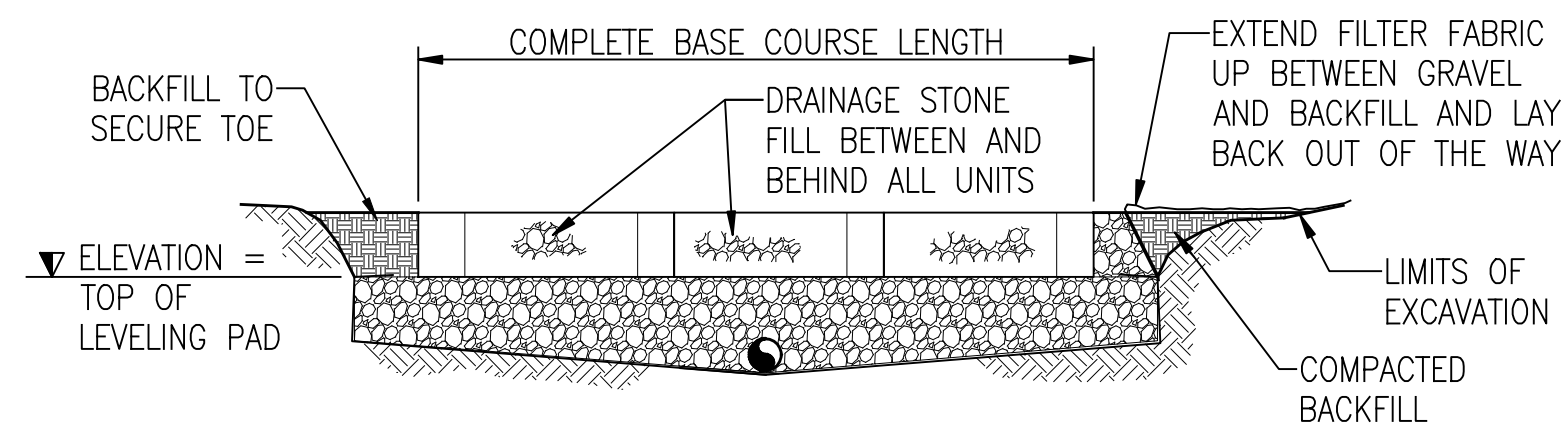
1. CONTINUE WALL TO FULL HEIGHT FOLLOWING STEPS 3.
2. INSTALL GRAVITYSTONE CAP UNITS, SECURE WITH APPROVED CONSTRUCTION ADHESIVE.
3. PLACE AND COMPACT FINAL BACKFILL TO FINISHED SUB-GRADE.
4. FINISH GRADE FOR POSITIVE DRAINAGE AWAY FROM THE WALL FACE. INSTALL DRAINAGE SWALE AT WALL FACE (LINING OPTIONAL, PER PLANS).
6. PLACE TOPSOIL AND VEGETATE SLOPES ABOVE AND AROUND WALL TERMINATIONS.

STEP 4 CAPPING AND GRADING THE COMPLETED WALL



A. SETTING FIRST COURSE OF GRAVITYSTONE UNITS:

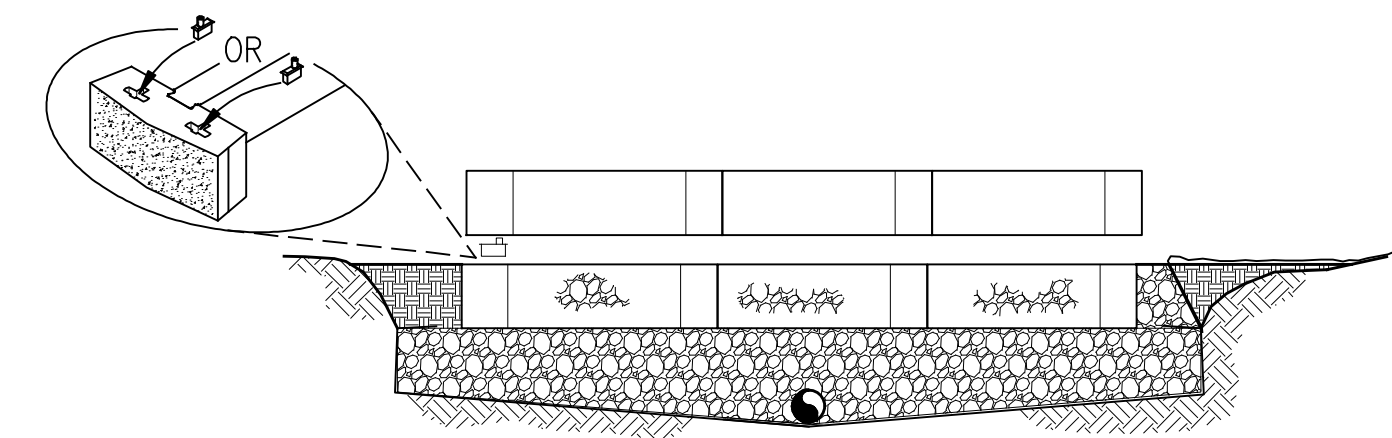
1. CHECK LEVELING PAD ELEVATION AND SMOOTH LEVELING PAD SURFACE.
2. STAKE AND STRING LINE THE WALL LOCATION, PAY CLOSE ATTENTION TO LOCATION OF CURVES, CORNERS, VERTICAL AND HORIZONTAL STEPS.
3. STRING LINE SHOULD BE USED ALONG A MOLDED FACE OF THE WALL UNIT AND NOT ALONG A SPLIT (BROKEN) FACE FINISH SURFACE.
4. STAKE AND STRING LINE THE ANCHOR/JUNCTION LOCATION OF THE FIRST CELL, ACCOUNT FOR EXACT LOCATION OF CURVES, CORNERS AND VERTICAL / HORIZONTAL STEPS.
5. INSTALL FIRST CELL OF GRAVITYSTONE UNIT FACE AND ANCHOR/JUNCTION UNITS, CHECKING LEVEL OF EACH UNIT PLACED.
6. DROP IN THE GRAVITYSTONE TRUNK UNIT BETWEEN THE FACE AND ANCHORS/JUNCTION UNITS.
7. REPEAT 4, 5 & 6 FOR THE TOTAL NUMBER OF CELLS REQUIRED PER PLANS.



B. BACKFILLING FIRST COURSE OF GRAVITYSTONE UNITS:

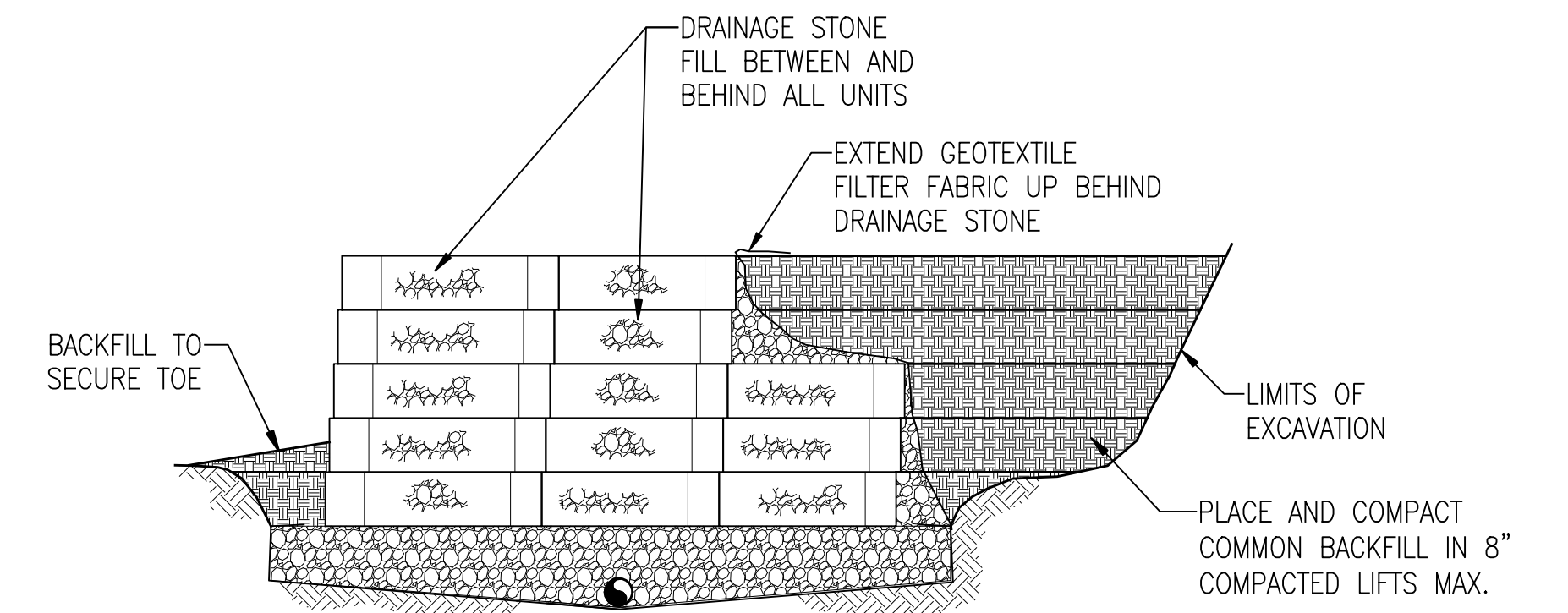
1. RECHECK WALL LOCATION.
2. USE DRAINAGE AGGREGATE TO FILL ANY OPENINGS WITHIN AND BETWEEN GRAVITYSTONE WALL UNITS. ALLOW AGGREGATE TO LEAK OUT BEHIND TAIL OF UNITS TO CREATE A CONTINUOUS DRAIN. FILL TO 2" ABOVE THE HEIGHT OF THE GRAVITYSTONE UNITS TO ENSURE PROPER FILLING. EXTEND THE FILTER FABRIC UP IF REQUIRED.
3. PLACE AND COMPACT BACKFILL SOILS BEHIND THE WALL FACE DRAIN.
4. PLACE AND COMPACT FILL INFRONT OF THE LOWEST GRAVITYSTONE UNIT TO SECURE THE TOE.
5. COMPACT DRAINAGE STONE AND BACKFILL SOILS.

STEP 2 FIRST COURSE OF GRAVITYSTONE UNITS



A. INSTALLING SUCCESSIVE COURSES OF GRAVITYSTONE UNITS:

1. ENSURE THE DRAINAGE AGGREGATE IS LEVEL OR SLIGHTLY BELOW THE TOP OF THE LOWER WALL UNIT.
2. CLEAN ALL DEBRIS FROM TOP OF LOWER WALL UNIT.
3. PLACE ALIGNMENT PLUG PER DETAIL (2 PER BLOCK).
4. PLACE THE NEXT UNIT ON TOP OF THE ALIGNMENT PLUGS AND MOVE FORWARD TO ENGAGE PLUGS AND ESTABLISH THE PROPER SETBACK.
5. SEE STEP 2A FOR SETTING THE REST OF THE GRAVITYSTONE UNITS.



B. BACKFILL PLACEMENT AND COMPACTION:

1. USE DRAINAGE AGGREGATE TO FILL ANY OPENINGS WITHIN AND BETWEEN ALL GRAVITYSTONE WALL UNITS.
2. CAREFULLY PLACE DRAINAGE STONE BEHIND AND UP TO THE HEIGHT OF THE GRAVITYSTONE WALL UNIT TO CREATE A WALL FACE DRAIN. INSTALL GEOTEXTILE TO PROTECT DRAIN IF REQUIRED.
3. PLACE AND COMPACT BACKFILL SOILS BEHIND THE WALL FACE DRAIN.
4. PLACE AND COMPACT FILL INFRONT OF THE LOWER GRAVITYSTONE UNITS UNTIL THE PROPOSED GRADE IS ACHIEVED AT THE TOE OF WALL.
6. COMPACT DRAINAGE STONE AND BACKFILL SOILS.

STEP 3 PLACEMENT & BACKFILLING ADDITIONAL COURSES