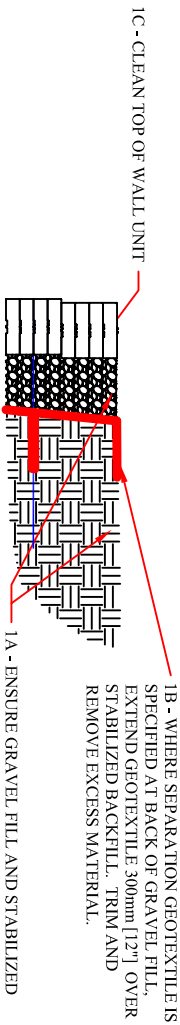
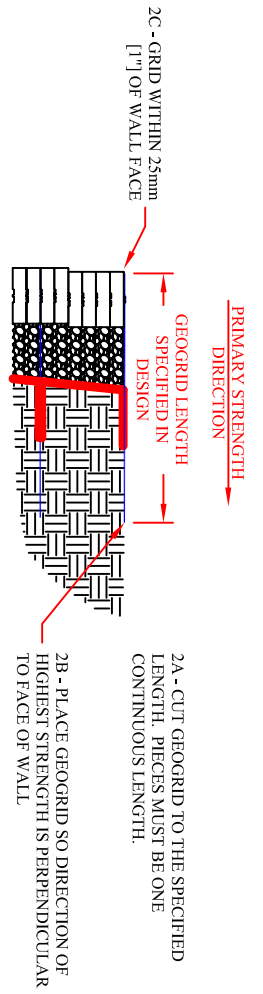


STEP 1 - BACKFILL TO TOP OF SRW BLOCK.



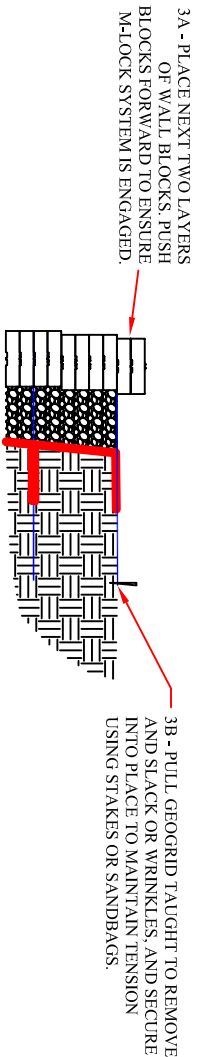
1C - CLEAN TOP OF WALL UNIT
 1B - WHERE SEPARATION GEOTEXTILE IS SPECIFIED AT BACK OF GRAVEL FILL, EXTEND GEOTEXTILE 300mm [12"] OVER STABILIZED BACKFILL. TRIM AND REMOVE EXCESS MATERIAL.
 1A - ENSURE GRAVEL FILL AND STABILIZED BACKFILL ARE PROPERLY COMPACTED AND LEVEL WITH BACK OF WALL BLOCK.

STEP 2 - PLACE GEOGRID



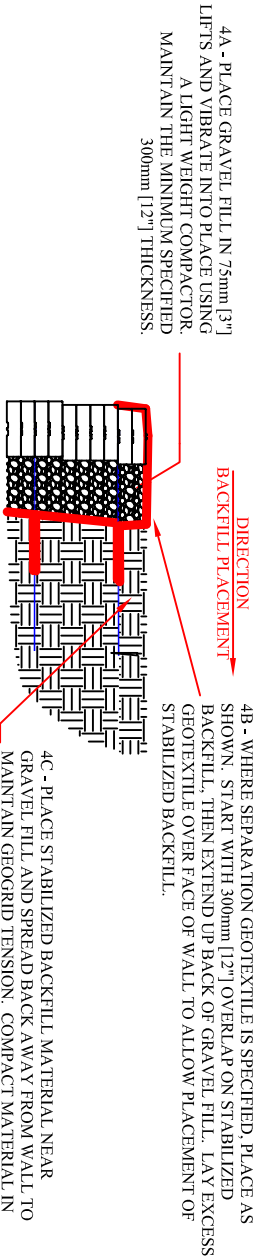
2C - GRID WITHIN 25mm [1"] OF WALL FACE
 2A - CUT GEOGRID TO THE SPECIFIED LENGTH. PIECES MUST BE ONE CONTINUOUS LENGTH.
 2B - PLACE GEOGRID SO DIRECTION OF HIGHEST STRENGTH IS PERPENDICULAR TO FACE OF WALL

STEP 3 - SECURE GEOGRID



3A - PLACE NEXT TWO LAYERS OF WALL BLOCKS. PUSH BLOCKS FORWARD TO ENSURE M-LOCK SYSTEM IS ENGAGED.
 3B - PULL GEOGRID TAUGHT TO REMOVE AND SLACK OR WRINKLES, AND SECURE INTO PLACE TO MAINTAIN TENSION USING STAKES OR SANDBAGS.

STEP 4 - PLACE BACKFILL MATERIAL



4A - PLACE GRAVEL FILL IN 75mm [3"] LIFTS AND VIBRATE INTO PLACE USING A LIGHT WEIGHT COMPACTOR. MAINTAIN THE MINIMUM SPECIFIED 300mm [12"] THICKNESS.
 4B - WHERE SEPARATION GEOTEXTILE IS SPECIFIED, PLACE AS SHOWN. START WITH 300mm [12"] OVERLAP ON STABILIZED BACKFILL, THEN EXTEND UP BACK OF GRAVEL FILL. LAY EXCESS GEOTEXTILE OVER FACE OF WALL TO ALLOW PLACEMENT OF STABILIZED BACKFILL.
 4C - PLACE STABILIZED BACKFILL MATERIAL NEAR GRAVEL FILL AND SPREAD BACK AWAY FROM WALL TO MAINTAIN GEOGRID TENSION. COMPACT MATERIAL IN 150-200mm [6-8"] LIFTS USING APPROPRIATELY SIZED EQUIPMENT. ADD WATER AS NEEDED TO ACHIEVE SPECIFIED PROCTOR DENSITY.

GENERAL NOTES

1. FOLLOW GEOSYNTHETIC MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SPECIFICATIONS. CARE MUST BE TAKEN TO ENSURE GEOGRID IS NOT DAMAGED DURING CONSTRUCTION OR SUBJECT TO UV EXPOSURE.

DESIGN

2. MINIMUM GEOGRID LENGTH IS 60% OF THE TOTAL WALL HEIGHT BUT NEVER LESS THAN 1.2m [4'] WITH A 75mm HIGH UNIT. LOWEST LAYER OF GEOGRID TO BE WITHIN 4 WALL COURSES OF THE LEVELING PAD, TOP LAYER OF GEOGRID TO BE WITHIN 4 WALL COURSES OF THE COPING, AND NO MORE THAN 6 WALL COURSES BETWEEN GEOGRID LAYERS.
4. GEOGRID LENGTH, PLACEMENT AND TYPE SHALL BE INDICATED ON THE WALL DESIGN.

INSTALLATION

5. ADJACENT SECTIONS OF GEOGRID SHALL ABUT EACH OTHER, NOT OVERLAP.
6. DO NOT PLACE MORE THAN FOUR (4) COURSES OF WALL BLOCK PRIOR TO BACKFILLING THE WALL. AGGREGATE MATERIAL SHOULD BE DUMPED CLOSE TO THE WALL AND RAKED AWAY FROM THE WALL TO MAINTAIN TENSION IN THE GEOGRID DURING BACKFILLING.
8. WHEN AGGREGATE MATERIAL IS SPREAD, CAUTION MUST BE USED TO ENSURE HAND EQUIPMENT (SHOVELS, RAKES) DOES NOT CONTACT THE GEOGRID OR CAUSE DAMAGE. DO NOT ALLOW ANY TRACKED EQUIPMENT DIRECTLY ON TOP OF THE GEOGRID. FOR NECESSARY TRAVEL ON THE GEOGRID, USE ONLY LIGHTWEIGHT RUBBER Tired EQUIPMENT OPERATING AT LOW SPEEDS (LESS THAN 10MPH); DO NOT ALLOW SHARP BRAKING OR TURNING.
10. ONLY HAND OPERATED EQUIPMENT SHOULD BE USED WITHIN 1m [3'] OF THE BACK OF WALL. BACKFILL THICKNESS MAY NEED TO BE REDUCED IN THESE AREAS TO ENSURE PROPER COMPACTION OF THE STABILIZED BACKFILL MATERIAL.



This graphic represents a preliminary, non site-specific design. If used for construction, a registered professional engineer must be retained to review & approve the design, confirm site conditions, and inspect construction.

Nueva 75 Wall System
 Geogrid Installation Best Practices