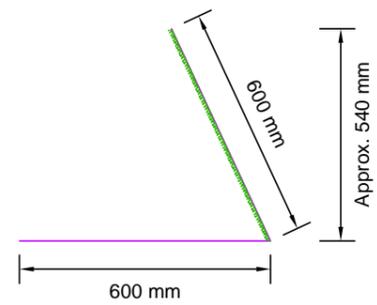
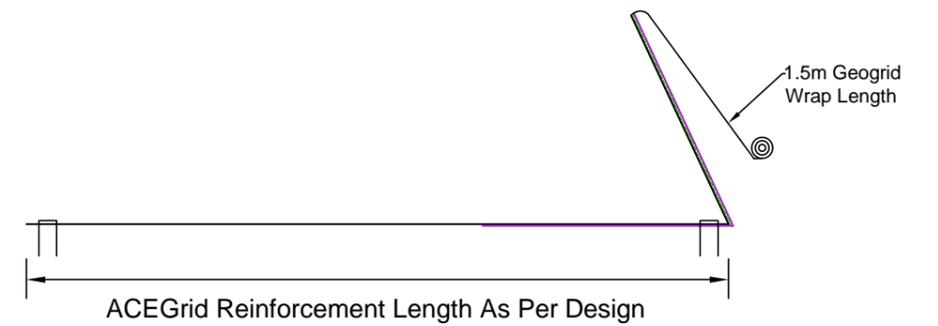


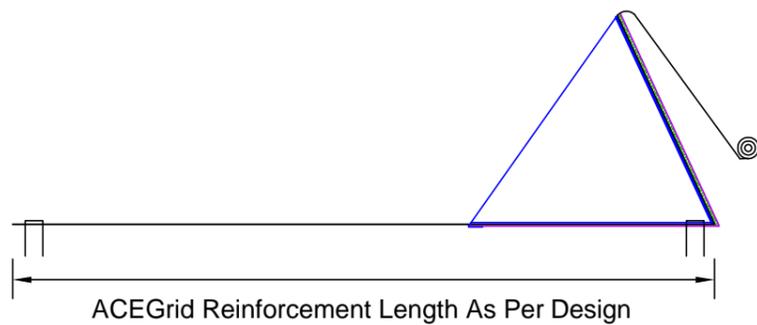
Step 1 - Once the foundation has cut to its final level and compacted to meet the required bearing capacity, place the Terralink welded mesh facing on the level foundation. The Terralink panels are 2.4m long by 0.54m high (with an approximate tolerance of 3%) and is folded to a set facing angle of 65 degrees. Adjacent Terralink panels shall be overlapped by one mesh opening or a minimum 50mm. Alternatively the adjacent panels may be butted together and securely laced using hog rings.



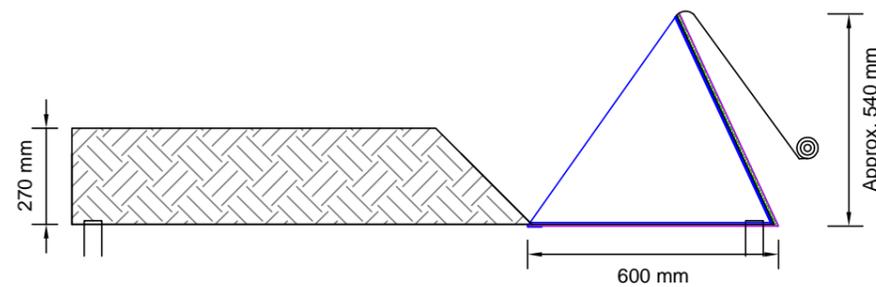
Step 2 - Place and clip erosion control blanket (Landlok 450) inside the mesh ensuring no movement during the placement of fill. Ensure that enough erosion control blanket is cut to extend over the front face. Where the face is to be shotcreted the Landlok 450 may be omitted.



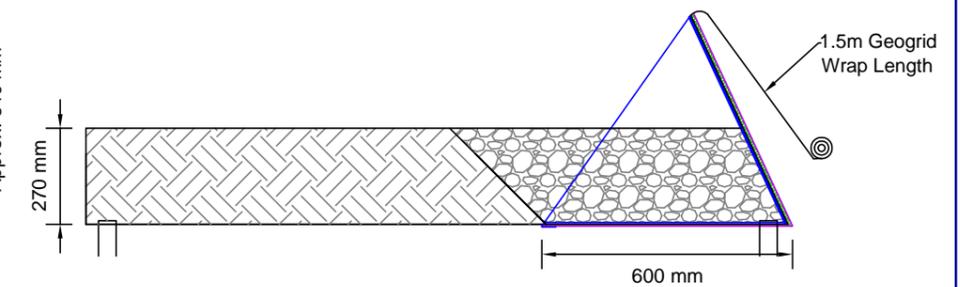
Step 3 - Cut ACEGrid to the required design length and allow an additional 2.1m (0.6m + 1.5m) for the front face and wrap length. Place geogrid above and behind the Terralink welded mesh panel allowing the wrap length to be placed over the front face as shown. The wrap length should be 1.5m in length. ACEGrid shall be rolled out perpendicular to the face of the slope and pulled taut. ACEGrid to be securely laced to Terralink welded mesh panel using stainless steel hog rings. Secure the geogrid with steel u shaped pins to prevent movement of the geogrid during backfilling operations where possible.



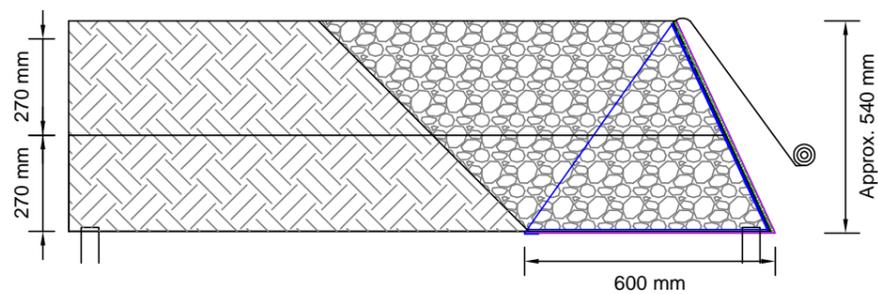
Step 4 - Once the ACEGrid is placed and secured, the Terralink struts should be located ready for placement to secure the 65 degree facing. The Terralink struts are welded triangular frames used to support the Terralink facing panels. The struts shall be installed at no more than 600mm centres. The Terralink panel strut has a preformed hook on the underside which is "kicked" and slotted into place to secure it to the facing panel. The straight pin located on the upper point shall be folded downwards through 180 degrees over the top of the Terralink panel to secure the strut.



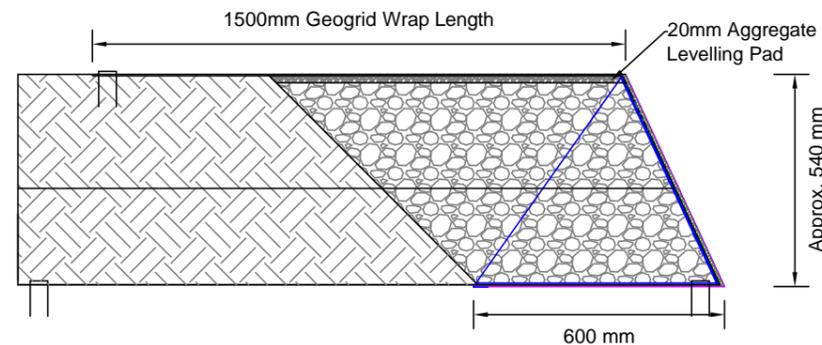
Step 5 - A minimum 270mm of high frictional reinforced fill material shall be placed within 72 hours on top of the ACEGrid reinforcement and compacted. Reinforced fill shall be as per Geotechnical Engineers specification. Drop heights for the reinforced fill onto the ACEGrid shall not exceed 1.0m and no tracked vehicles may travel over the geogrid during backfilling operations. Any damaged geogrid prior to placing the reinforced fill shall be removed and replaced. A sheepfoot or vibratory smooth drum compactor may be used 1.0m away from the front face. Compact reinforced fill to a minimum of 95% MDD. One compaction test to be conducted every 300m² as per MRTS06. Light walk behind plate compactors shall be used within 1.0m of the front face. Leave 600mm of space behind the Terralink panel for rock and soil placement.



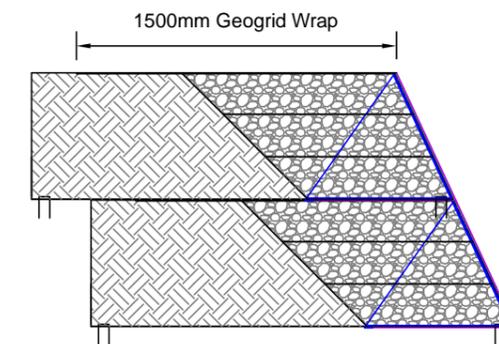
Step 6 - A coarse rock between 75 to 200mm in diameter shall be carefully placed 600mm behind the Terralink panel avoiding damage to the Terralink struts. The rock is brought up to the height of the compacted reinforced fill as shown. Should shotcrete be omitted and Landlok 450 be installed, a suitable vegetative soil shall be placed within the rock voids to assist with vegetation growth. Vegetation to be established and nurtured through hydroseeding techniques by others.



Step 7 - Continue placing reinforced fill in 270mm lifts and compact as described in steps 5 & 6 until the complete Terralink unit is backfilled.



Step 8 - Place 20mm Aggregate Over Rock To Create Level Platform For Next Terralink Panel. Fold back the erosion control blanket (if installed) and 1.5m of ACEGrid on top of the compacted reinforced fill. Pull the geogrid taut and install u shaped steel pins to prevent movement of geogrid while placing next Terralink welded mesh unit.



Step 9 - Repeat steps 1 to 7 until the structure is complete.