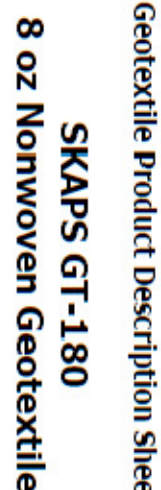
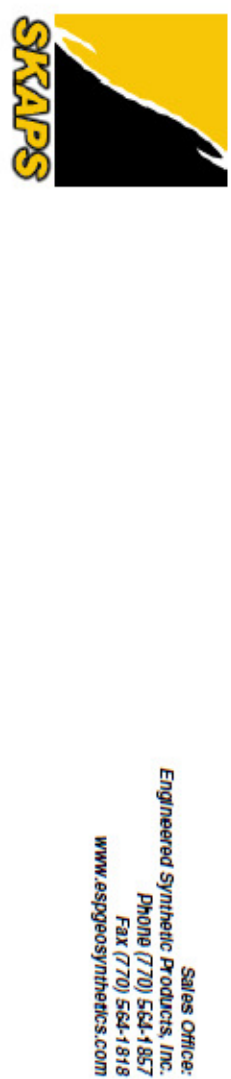
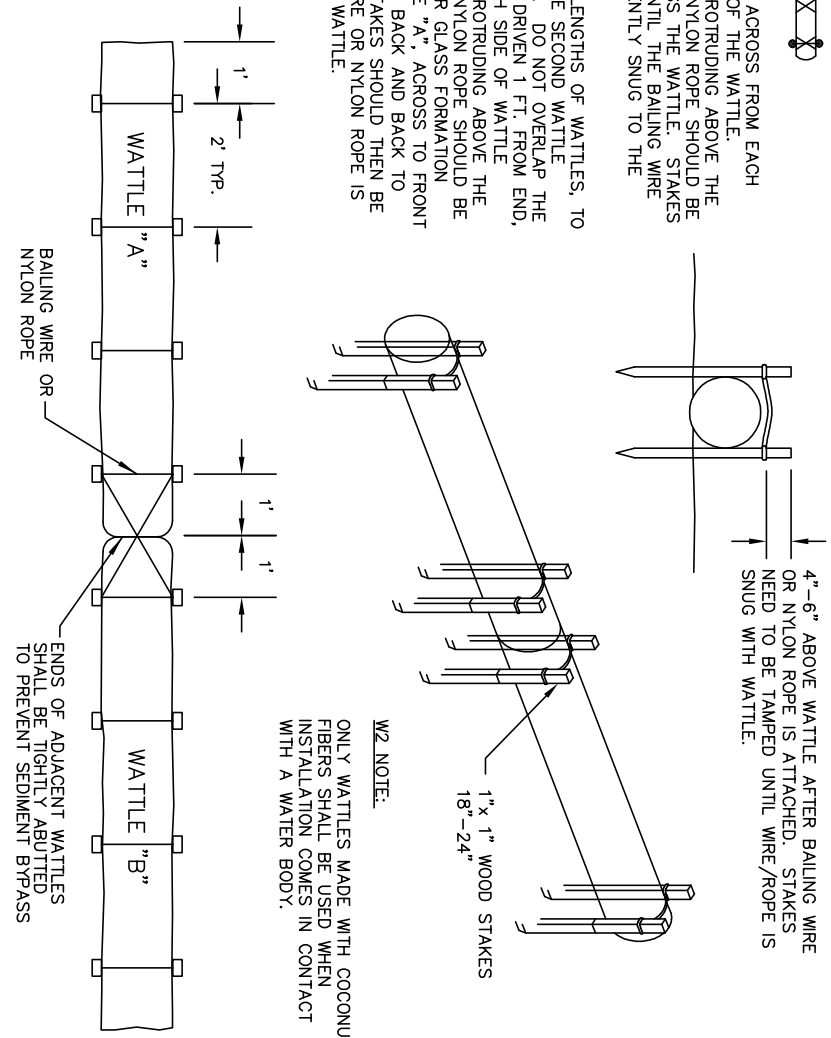
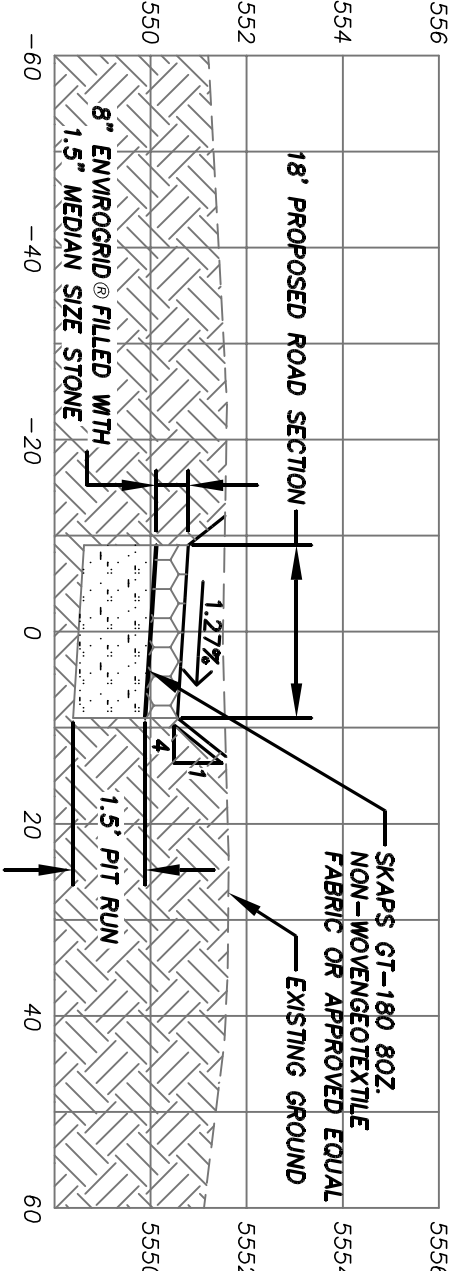
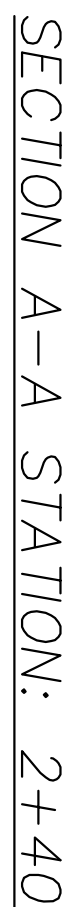
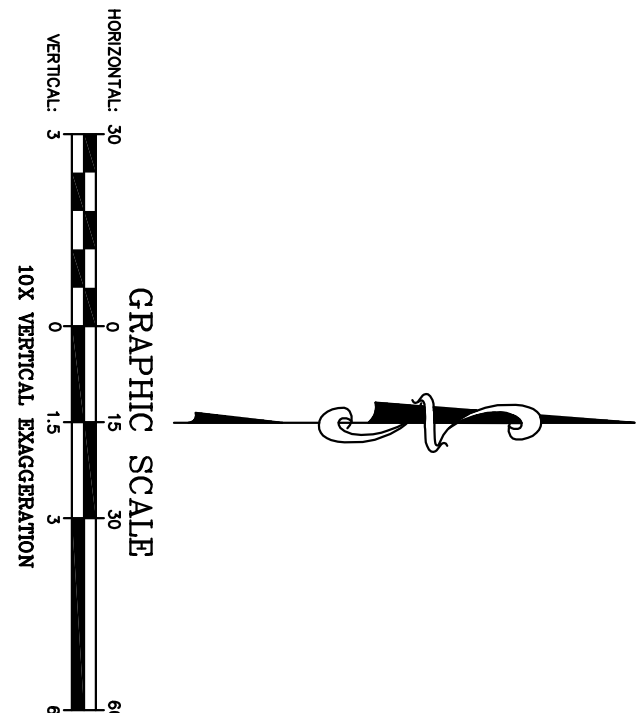
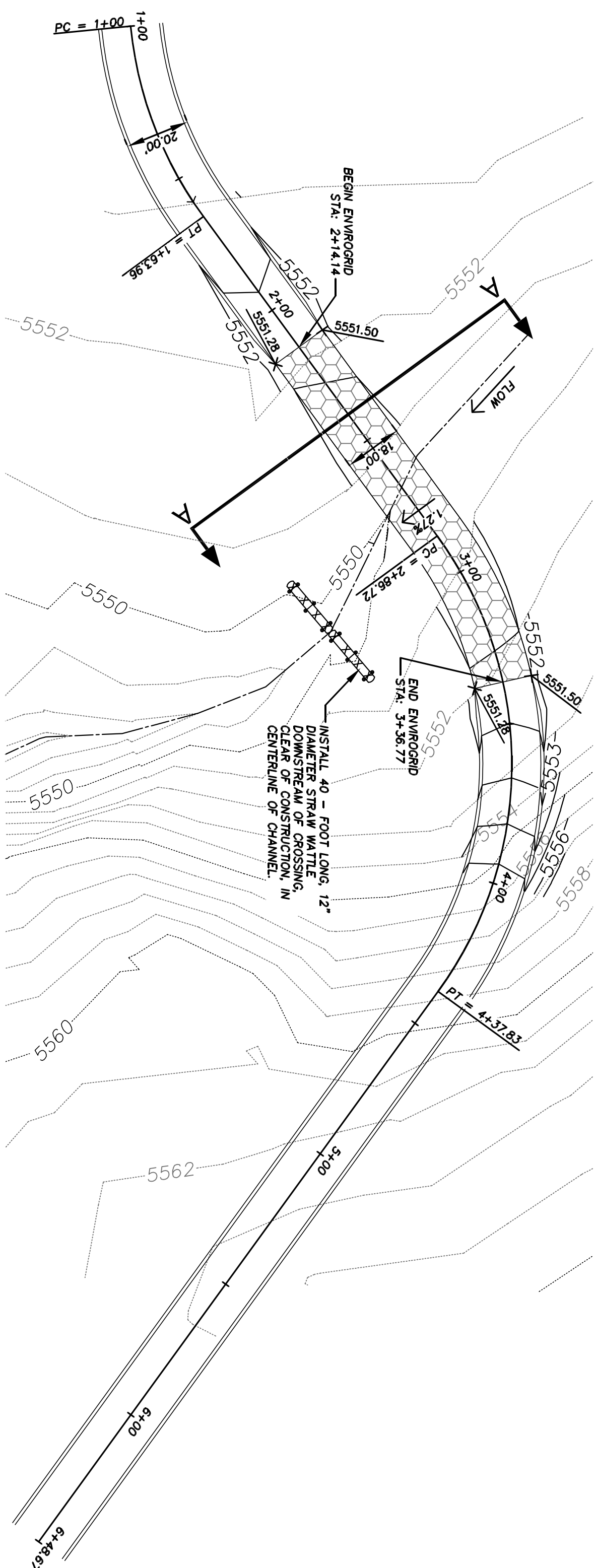
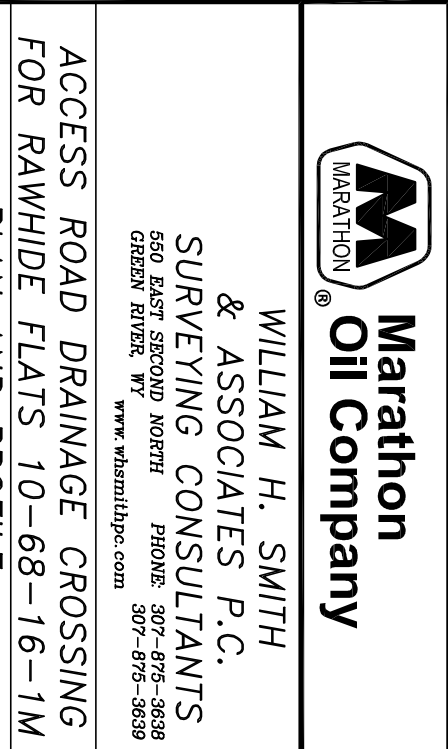
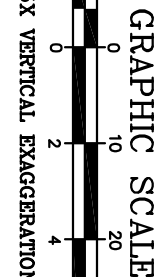
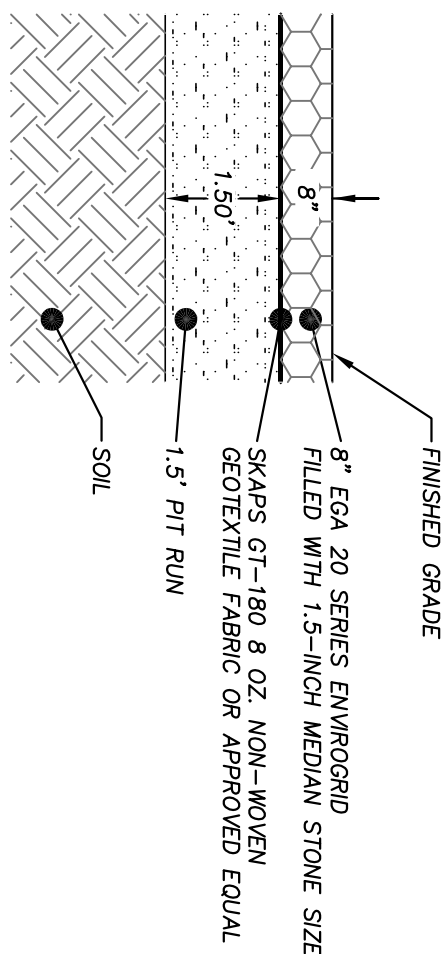
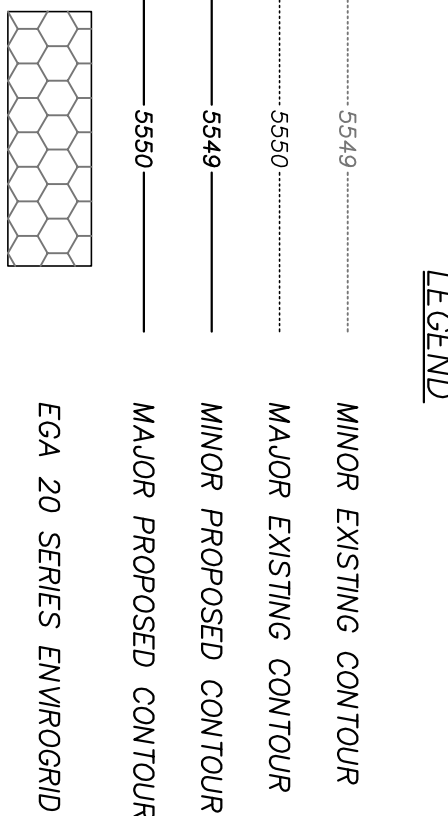
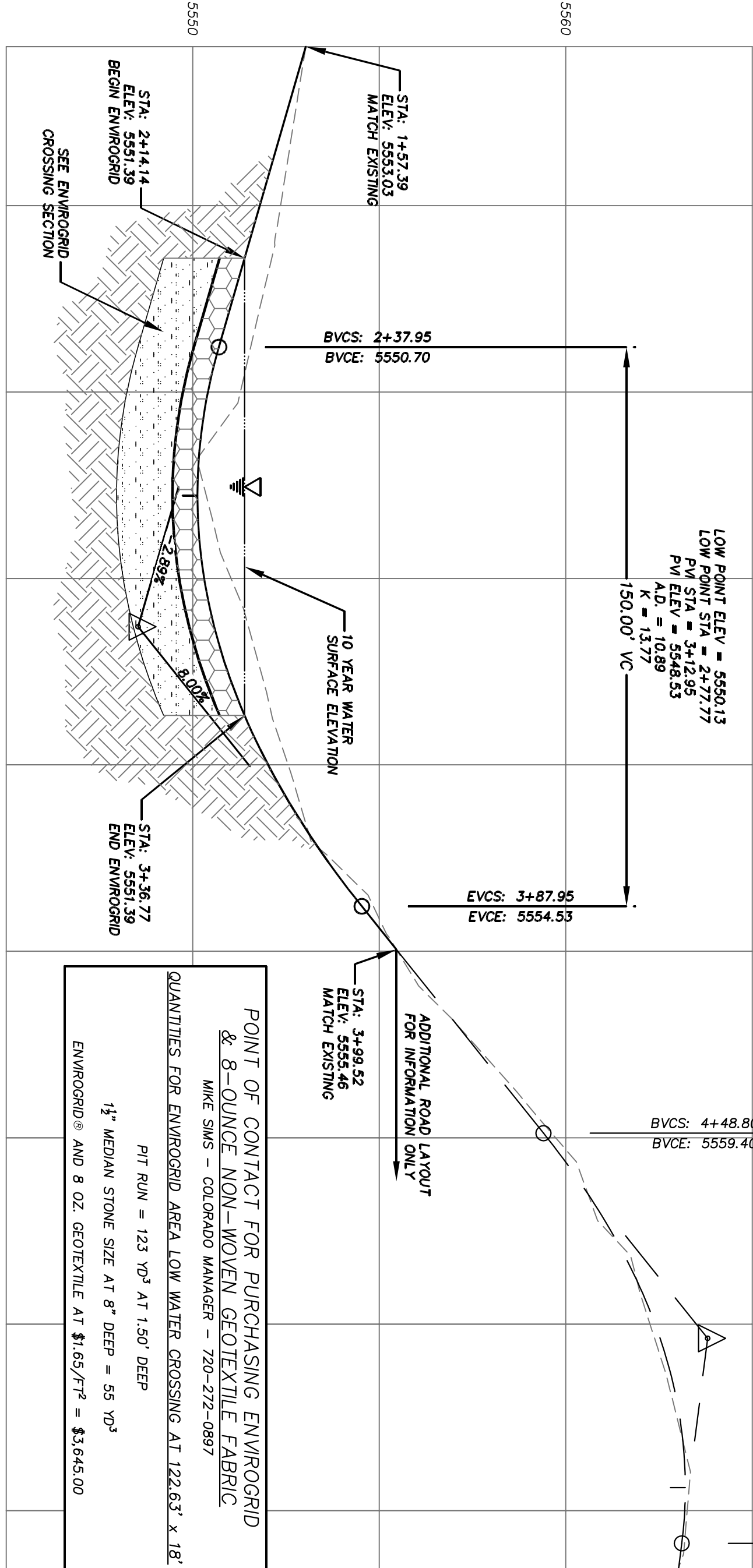


- ### Installation Guideline: EnviroGrid® Cellular Confinement Soil Stabilization
1. Excavate and shape the subgrade soil to the elevations, grades and dimensions as shown on the drawings.
 2. Install pit run in crossing in 6" – 8" lifts with adequate compaction equipment. If excess pumping of the pit run occurs in the subgrade, additional pit run may be required to achieve the elevation shown on the plan for the 1.5 – foot depth of the pit run. Pit run shall be proof rolled for adequate compaction.
 3. Unroll 8 oz. non-woven geotextile fabric over finish graded pit run. Overlap adjacent panels by 18 – inches minimum.
 4. Determine where the first section of EnviroGrid® cellular confinement is to be placed and put straight stakes or J-Hooks (redor bent like a candy-cane) at the four corners.
 5. Stretch a section beyond its intended length and then allow it to relax back. Place the section over the embedded stakes or J-Hooks. Additional stakes or J-Hooks may be needed along the perimeter in order to get full expansion of each cell. In situations where it is not practical to use or J-Hooks (over rocky soil, etc.) a stretcher frame may be needed. Adjacent sections of cellular confinement are installed in a similar fashion and butted or stapled together to achieve continuous coverage.
 6. Fill in the first rows of cellular confinement with a front-end loader or dump truck and push the fill into the cells using shovels or a bulldozer blade. A "comp" of fill material immediately adjacent to the EnviroGrid® will likely be necessary to allow equipment to climb onto the EnviroGrid®. Continue until all cells are filled. Never allow any equipment to drive over unfilled cellular confinement. Always overfill the cells slightly to allow for consolidation and compaction. **Note: Stone in fill shall consist of 1½ – inch median stone size.**
 7. You are now ready to compact the EnviroGrid® cellular confinement system. The most common method of compacting is through multiple passes by the tracked equipment used to spread in fill. A vibrating roller and/or water may be required to achieve the specified le of compaction.
 8. 4:1 catch slopes up and downstream of EnviroGrid® shall be graded, compacted and match into top of EnviroGrid®. Refer to section A-A.
 9. Once the cellular confinement is filled and the system is compacted, the EnviroGrid® base is ready to withstand heavy traffic loads.
 10. Rassed disturbed areas adjacent to EnviroGrid® crossing with drought tolerant seed mix.



PROPERTY		TEST METHOD	UNIT	M.A.S.V. (Minimum Average Sell Value)
Weight (Trical)	ASTM D 5261	oz/sq (Gsm)	8.0 (272)	
Grab Tensile	ASTM D 4632	%	205 (911)	
Grab Elongation	ASTM D 4632	%	50	
Tarazoned Tear Strength	ASTM D 4533	Ibs (Kgf)	35 (378)	
Puncture Resistance	ASTM D 4833	Ibs (Kgf)	130 (1,278)	
Mullen Burst Strength	ASTM D 3786	psi (KPa)	400 (2795)	
Permeability*	ASTM D 4491	I/sec	1-4	
Water Flow*	ASTM D 4491	g/cm ² (1/min)	90 (3657)	
AOS*	ASTM D 4751	US Mesh	80 (1,800)	
UV Resistance	ASTM D 4355	%/hrs	70/5000	

PACKAGING	
Roll Dimensions (W x L) - ft	12.5 x 360 / 15 x 300
Square Yards Per Roll	500
Estimated Roll Weight - lbs	250



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Made in U.S.A.