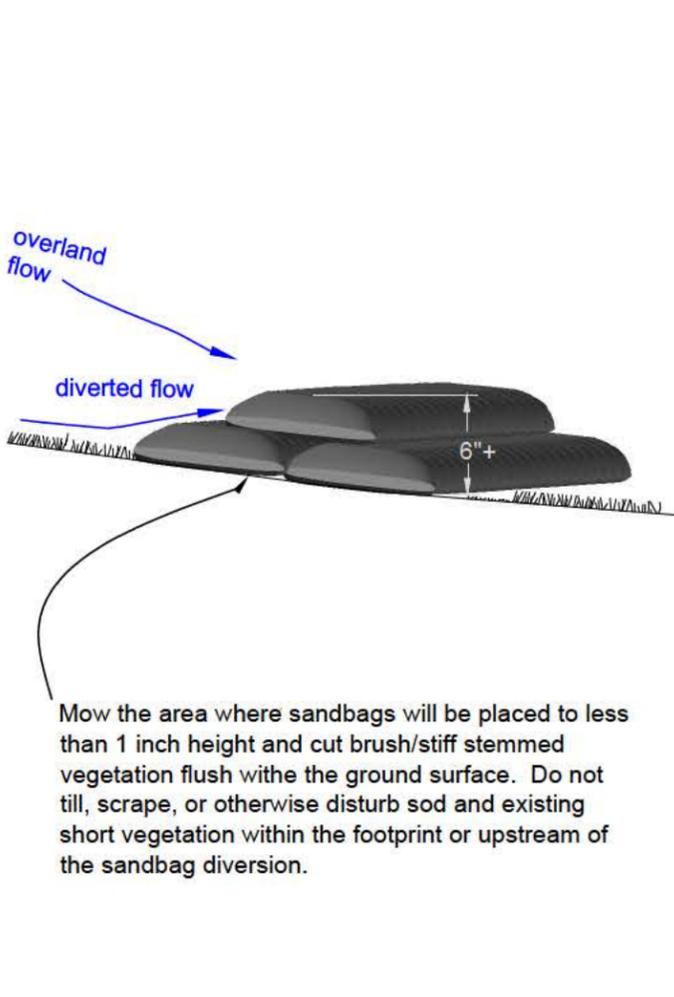


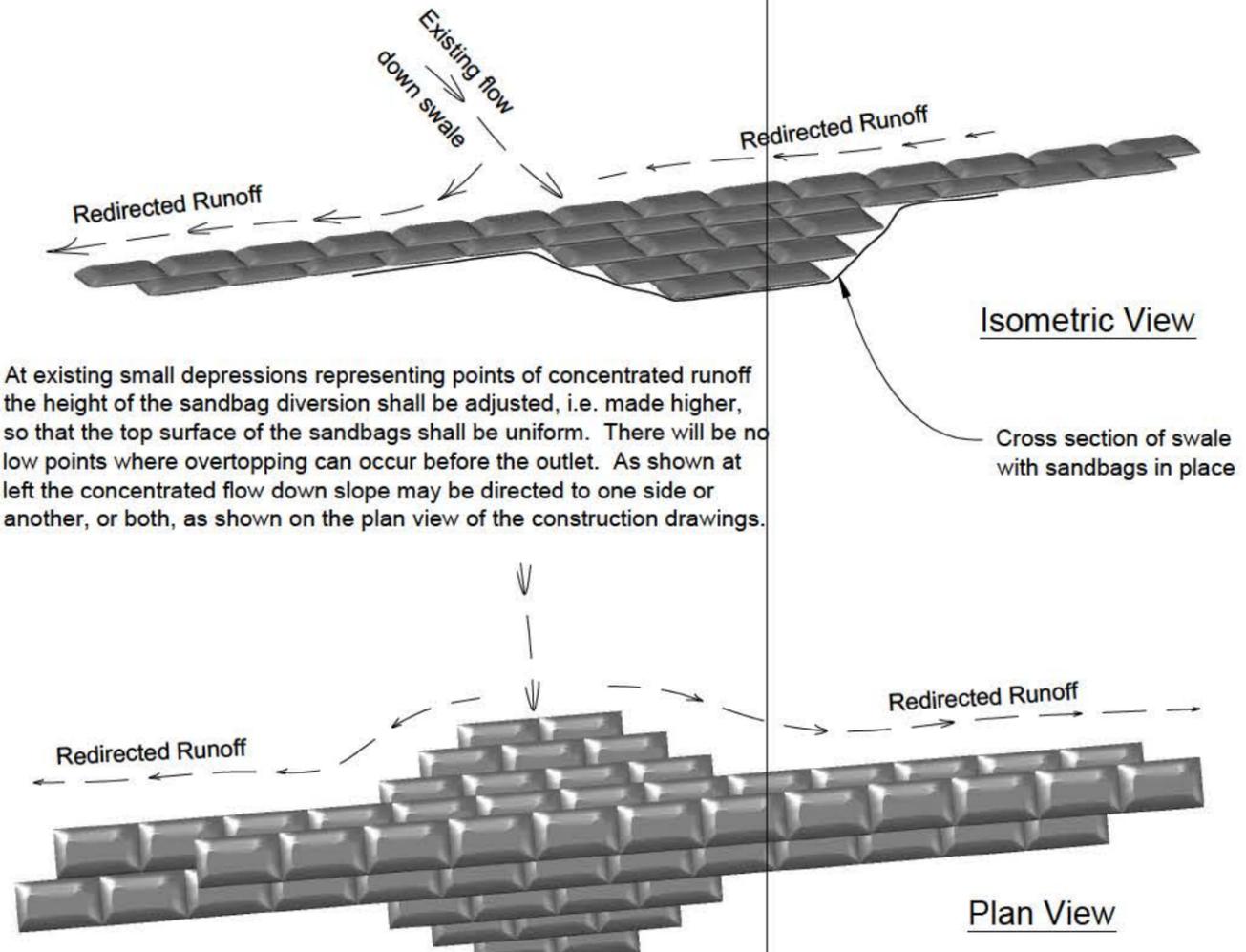
Sand Bag Placement Up Slope of Construction Disturbance

Sandbag Diversion - Notes

1. The sandbag diversion shall be installed at the locations show on the plan view of the site.
2. Requests for changes in alignment of the sandbag diversion shall be made in writing to the design approver and any permitting authority. No changes shall be made without prior written approval.
3. No vehicle traffic across the sandbag diversion will be allowed during construction.
4. The sandbag diversion may be "vee" or chevron shaped with outlets at both ends, or a single line flowing in one direction towards a single outlet. See the project plan view for site specific configuration as the drawing to the left is typical and not binding on this site.
5. The nominal dimensions of a filled sandbag are considered to be 12" wide 18" long and 3" thick weighing 33 lbs. Actual dimensions may vary. The completed diversion shall be at least 6 inches high. Layers of sandbags shall be stacked in a pyramid fashion as shown in the section detail on these plans if needed to attain the required distance above the undisturbed ground surface. See the detail below for treatment of irregularities in the land surface.
6. During construction the sandbag diversion shall be monitored to ensure that it remains at the line and to the elevations required to deflect overland flow around the site. For long duration construction, maintain vegetation adjacent to the bags with mowing or the use of an herbicide. Damaged (ripped, torn, or decayed by exposure to UV) bags need to be replaced upon discovery.
7. At least weekly and after significant rainfall events the diversion shall be inspected for damage to bags, points of erosion and deposition. Accumulated sediment that restricts capacity shall be removed and placed on the low side of the diversion or in other approved locations. Erosion can be addressed by realignment for flatter grade. Sandbags can be moved or additional bags added to the high side of the diversion.
8. Sandbags will be filled with sand or fine gravel 100% <math>< 3/8''</math> and no more than 25% <math>< \#200</math> sieve. Secure filled bags with cord having durability exceeding that of the material for the bags.
9. The sandbag material shall be woven polypropylene, polyethylene, polyamide, or nylon with a minimum unit weight of 4 ounces per square yard. The sandbag material shall conform to the following ASTM requirements.



Section - Sandbag Diversion



Sandbag Diversion Installation at Point of Concentrated Flow

Property	Test Method	Minimum Test Value
Grab Tensile Strength (lbs.)	ASTM D 1682	MD 326
Seam Strength (ppi)	ASTM D 4484	>61
Puncture (lbs.)	ASTM D 4833	_ >109
Ultraviolet Light (%residual tensile strength) (1600 hour exposure)	ASTM D 4355	_ >70
Apparent Opening Size	ASTM D 4751	<math>< \#30</math> (U.S. standard sieve size)
Permittivity (second ⁻¹)	ASTM D 4491	_ 2.35

10. At the conclusion of construction restore pre-construction runoff patterns by removing sandbags.

Date _____
 Designed _____
 Drawn _____
 Checked _____
 Approved _____
 Title _____

Temporary Pollution Control
 Sand Bag Diversion Silt Fence
 Cooperating with the _____ Soil and Water Conservation District



File Name _____
 Drawing No. _____
 Sheet x of x