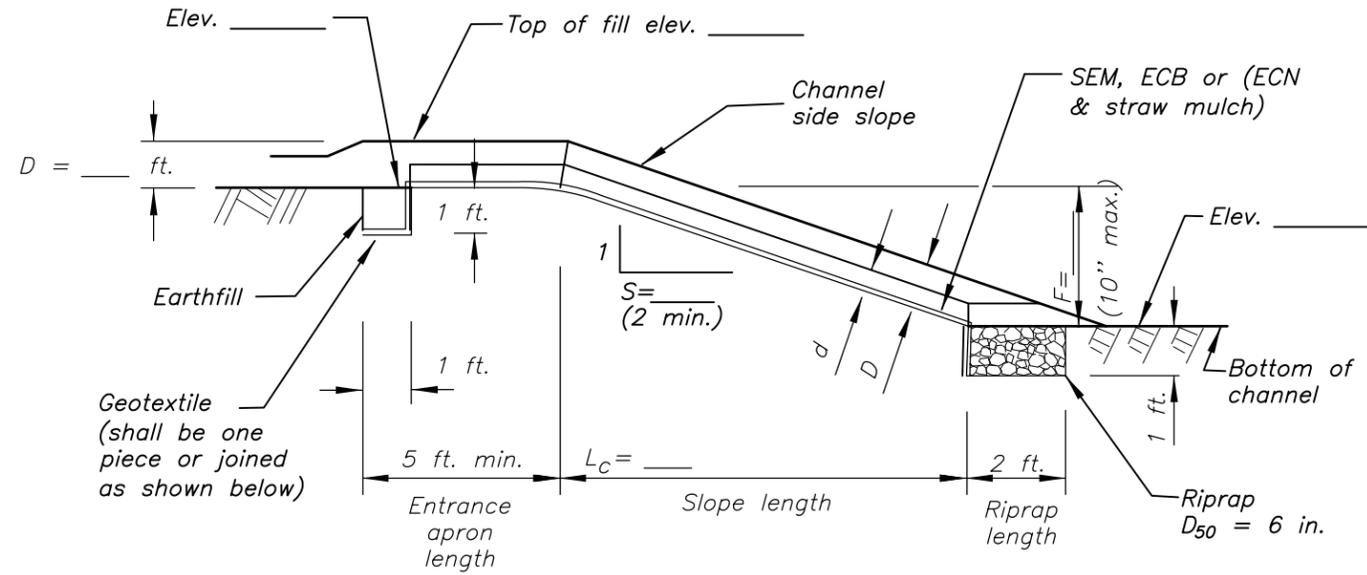


DESIGN: $Q = \text{--- cfs (80 max.)}$, $S = \text{---} : 1$

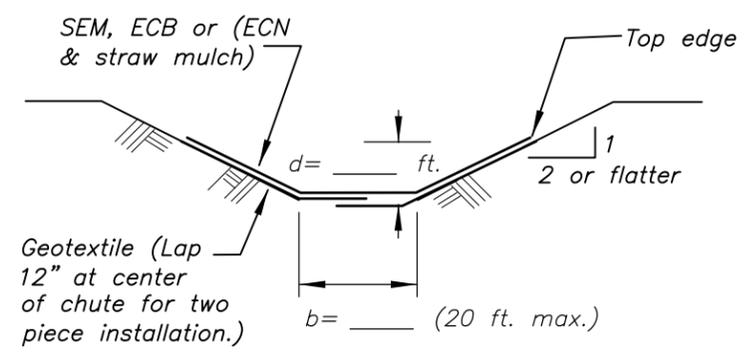
Unit capacity (CFS/ft. width) q	Slope (H:V) S	Entrance Depth (ft.) D	Chute Depth (ft.) d
2	2:1 to 7:1	1.0	0.5
2.5	2.5:1 to 7:1	1.0	0.5
3.5	3:1 to 7:1	1.25	0.7
4	4:1 to 7:1	1.5	0.8
5	6:1 to 7:1	1.75	1.0

Minimum chute width "b" = $Q/q = \text{---}$ ft.



ESTIMATE OF QUANTITIES

- Clearing _____ Acres
- Excavation _____ cu. yds.
- Tubing, _____" diam. _____ lin. ft.
- Outlet pipe, _____" diam. with coupler and animal guard 10 lin. ft.
- Gravel or stone drain _____ tons
- Riprap $d_{50} = 6$ in. _____ tons
- Geotextile _____ sq. yds.
- Soil erosion matting _____ sq. yds.
- Erosion control blanket _____ sq. yds.
- Erosion control netting _____ sq. yds.
- Seeding _____ Acres



Date _____

Designed _____

Drawn _____

Checked _____

Approved _____

GEOTEXTILE REINFORCED VEGETATED CHUTE WITHOUT TAILWATER



DRAFT

NOT FOR CONSTRUCTION

File Name _____

Drawing Name
29-N-318

Sheet _____ of _____