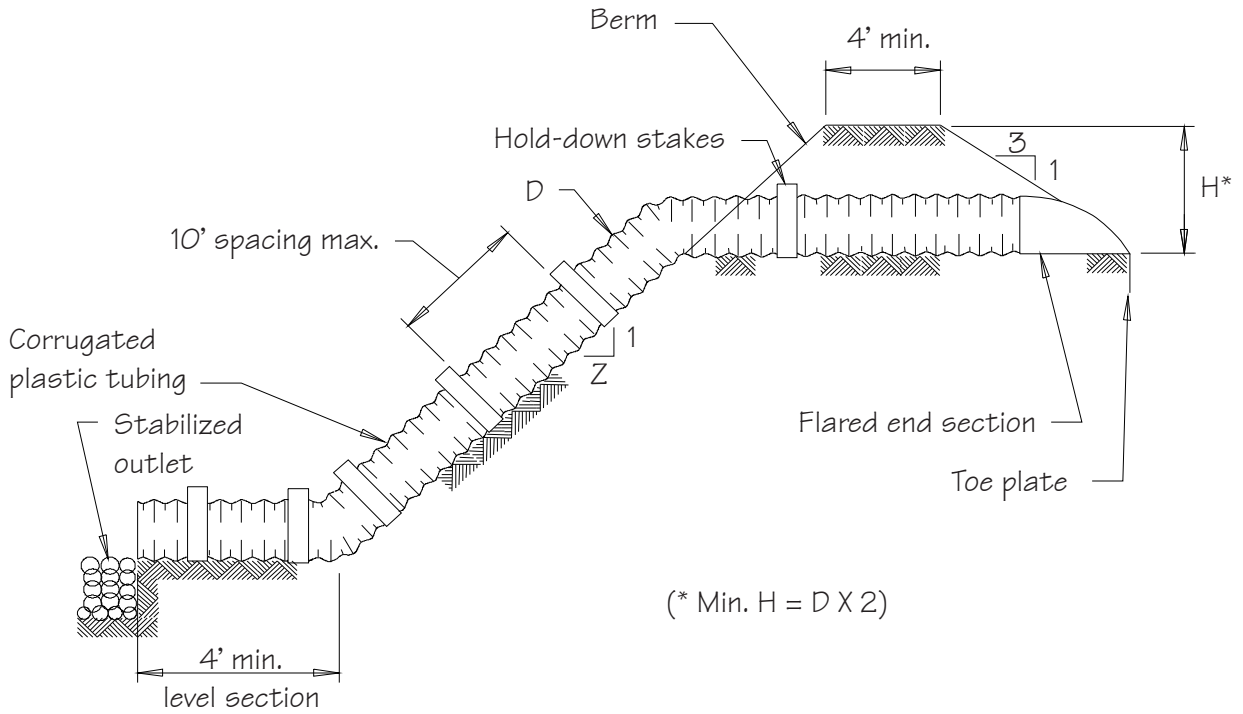
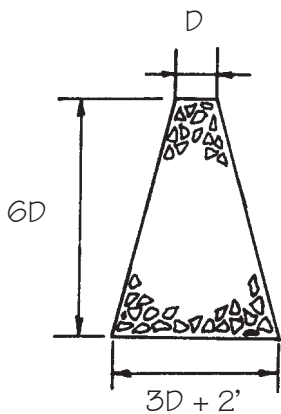


Pipe Slope Drain



Profile



NOTE: Stabilized outlet to be underlain with GS-1 geotextile

DATA

Contributing D.A.
Height of berm (H)
Pipe diameter (D)

Stabilized Outlet Detail

Source:

Adapted from
IL Urban Manual

Symbol:

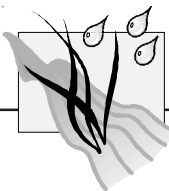
— PSD-(Dia.) —→

Detail No.

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Pipe Slope Drain

Construction Notes:

1. The top of the earth berm over the inlet pipe and those berms carrying water to the pipe shall be at least 2X the pipe diameter at all points. Earth berm side slopes steeper than 3:1 shall have stabilization blanket applied.
2. Flexible tubing is preferred. (Alternate materials must receive prior approval.) All connections shall be made with watertight connecting bands.
3. A flared end section shall be attached to the inlet end of the pipe with a watertight connection.
4. The flexible tubing shall be securely anchored to the slope by hold-down stakes spaced 10' on centers. In no case shall less than two (2) anchors be provided.
5. A riprap apron shall be provided at the outlet. This shall consist of R-4 riprap placed as shown on the Standard Detail and underlain with GS-1 geotextile.
6. The soil around and under the inlet pipe and entrance section shall be hand tamped in 4" increments to the top of the earth dike.
7. Follow-up inspection and any needed maintenance shall be performed after each storm.

MAXIMUM DRAINAGE AREA: 5 ACRES

Source:

Adapted from
IL Urban Manual

Symbol:

———— **PSD-(Dia.)** —————>

Detail No.

DE-ESC-3.3.8

Sheet 2 of 2

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