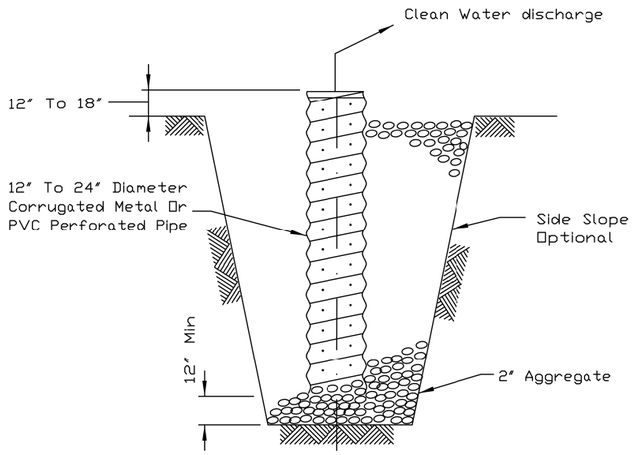
SUMP PIT PLAN

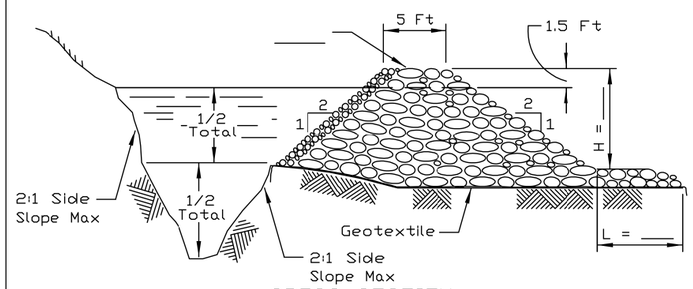


SECTION

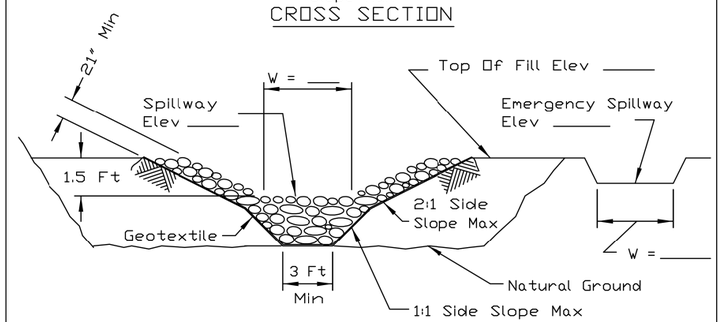
NOTES:
1. Pit dimensions are optional.
2. The standpipe will be constructed by perforating a 12"-24" diameter corrugated metal or PVC pipe.
3. A base of 2" aggregate will be placed in the pit to a minimum depth of 12". After installing the standpipe, the pit surrounding the standpipe will then be backfilled with 2" aggregate.
4. The standpipe will extend 12" to 18" above the lip of the pit.
5. If discharge will be pumped directly to a storm drainage system, the standpipe will be wrapped with filter fabric before installation.
6. If desired, 1/4"-1/2" hardware cloth may be placed around the standpipe prior to attaching the filter fabric. This will increase the rate of water seepage into the pipe.

REFERENCE	NRCS	STANDARD DWG. NO.
Project	Natural Resources Conservation Service	IL-650
Designed ____ Date ____		SHEET 1 OF 1
Checked ____ Date ____		DATE 8-11-94
Approved ____ Date ____		

TEMPORARY SEDIMENT TRAP



CROSS SECTION



STONE SECTION

NOTES:
1. If the sediment pool is formed or enlarged the side slope will be 2:1 or flatter.
2. The fill shall be constructed using IDOT RR-4 stone size. A 1'layer of IDOT CA-2 should be placed on the inside face to reduce the flow rate.
3. The rock will be placed according to construction specification 25 ROCKFILL. Placement will be by Method 1 and compaction will be class III.
4. The geotextile shall meet the requirements in material specification 592 GEOTEXTILE table 1 or 2, class I, II or IV.

REFERENCE	NRCS	STANDARD DWG. NO.
Project	Natural Resources Conservation Service	IL-660
Designed ____ Date ____		SHEET 1 OF 1
Checked ____ Date ____		DATE 11-20-01
Approved ____ Date ____		

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AECOM . TranSystems

D160W26-sht-Eros-Detail-01	DESIGNED - AFC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
USER NAME = chiua	DRAWN - AFC	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - DBM	REVISED -	
PLOT DATE = 9/9/2013	DATE - 9/15/13	REVISED -	

EROSION CONTROL DETAILS

SCALE: NTS | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	129A
		CONTRACT NO. 60W26		
	ILLINOIS FED. AID PROJECT			