

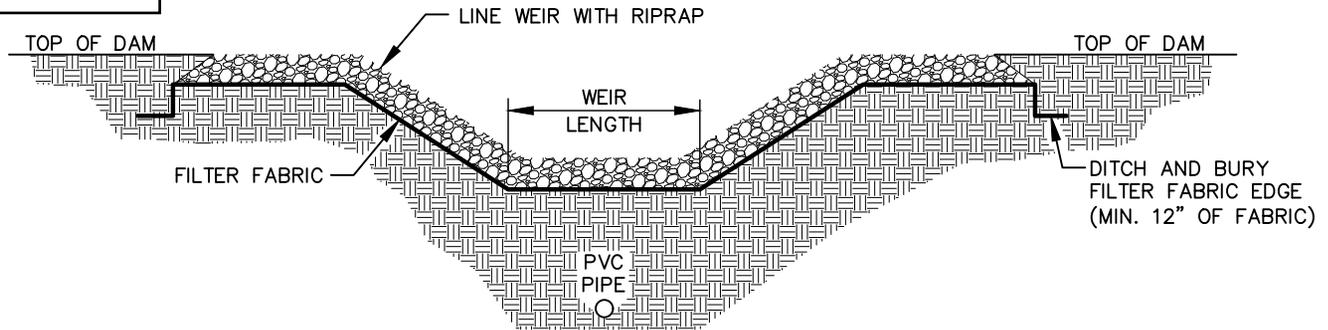
SKIMMER BASIN CROSS SECTION

GENERAL NOTES:
 1. DESIGN OF SPILLWAYS AND RIPRAP APRONS MAY DIFFER FOR DRAINAGE AREAS GREATER THAN 5 ACRES.
 2. REPAIR OR REPLACE MEASURES IMMEDIATELY WHEN DEFICIENCIES FOUND.

DESIGN OF SPILLWAYS

DRAINAGE AREA (ACRES)	WEIR LENGTH ¹ (FT)
1	4.0
2	6.0
3	8.0
4	10.0
5	12.0

¹ DIMENSIONS SHOWN ARE MINIMUM



WEIR CROSS SECTION

INSTALLATION NOTES:

1. GRADE BASIN SO BOTTOM IS LEVEL FRONT TO BACK AND SIDE TO SIDE.
2. BAFFLES MUST BE INSTALLED TO SIDESLOPES TO PREVENT BYPASS, AND MUST BE ORIENTED TO SEPARATE BASIN INTO EVENLY SPACED CHAMBERS.
3. ALL RUNOFF ENTERING BASIN MUST PASS THROUGH THREE BAFFLES MINIMUM PRIOR TO DEWATERING THROUGH PRIMARY SPILLWAY AND EMERGENCY SPILLWAYS.
4. ACCESS TO BAFFLES MUST BE MAINTAINED THROUGHOUT CONSTRUCTION IN THE EVENT MAINTENANCE IS REQUIRED.



STANDARD SKIMMER BASIN

DETAIL NUMBER

2018-016
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