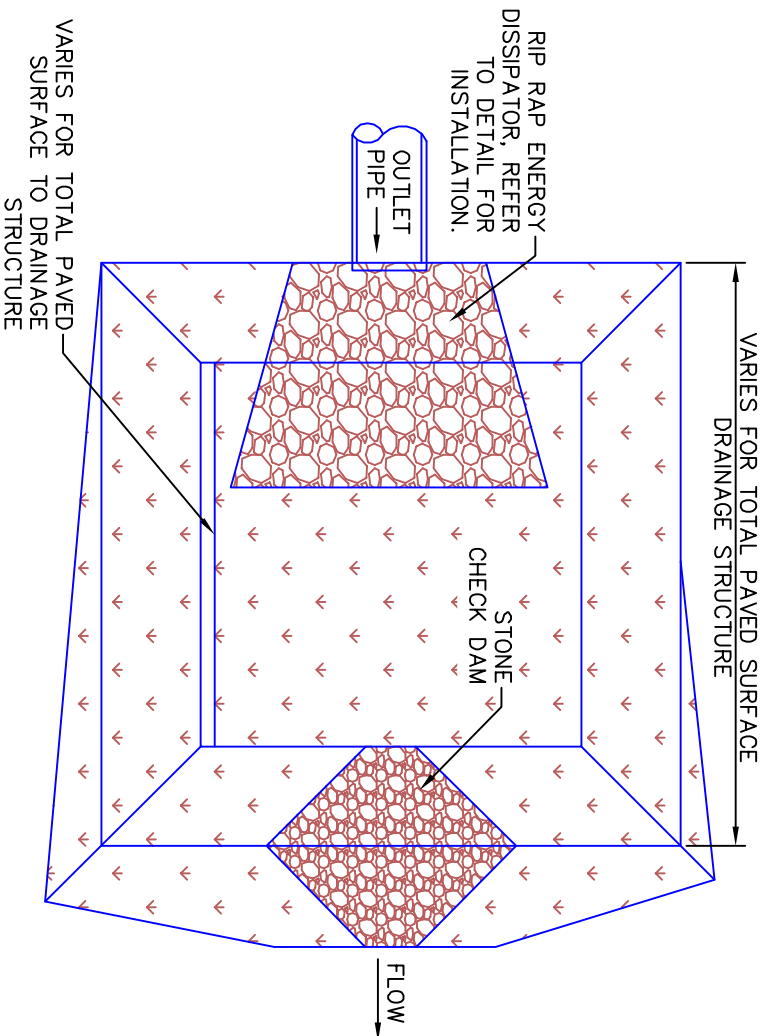


**TYPICAL SECTION**

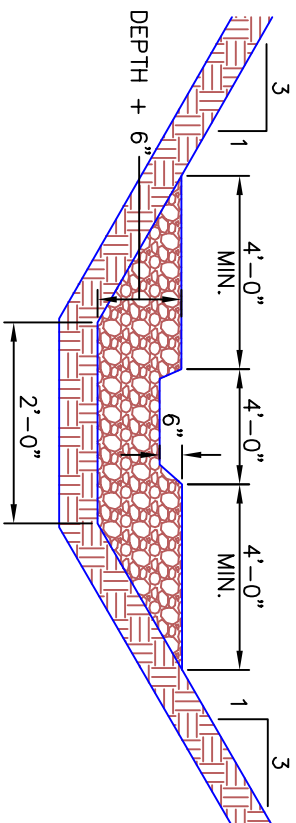
STILLING BASIN REQUIRED VOLUME  $VOL = L \times W \times 0.083$   
 $L =$  PAVEMENT LENGTH (FLOWING TO STRUCTURE)  
 $W =$  PAVEMENT WIDTH (FLOWING TO STRUCTURE)  
 $0.083 = 1" \text{ RAIN} / (12"/1')$

NOTE: THE LENGTH, WIDTH, AND DEPTH OF THE STRUCTURE MAY BE ADJUSTED AS REQUIRED TO MATCH THE SITE CONDITIONS, AS LONG AS THE MINIMUM VOLUME REQUIRED FOR THE LENGTH OF IMPERVIOUS PAVEMENT THAT FLOWS TO EACH WATER BASIN..

LENGTH OF ROAD (BASED ON 20' WIDTH)	MIN. REQUIRED VOL (C.F.)
100' ROAD	V = 166 C.F.
200' ROAD	V = 323 C.F.
300' ROAD	V = 498 C.F.
400' ROAD	V = 664 C.F.
500' ROAD	V = 830 C.F.
600' ROAD	V = 996 C.F.



**TYPICAL PLAN VIEW**



**SECTION THROUGH STONE CHECK DAM**



**Greenville County**  
**Storm Water Management**  
**GRASS STILLING BASIN**

STANDARD DRAWING NO. **M-LID-01A**

NTS

APPROVED BY: GREENVILLE COUNTY STORM WATER MANAGEMENT

January, 2013  
DATE