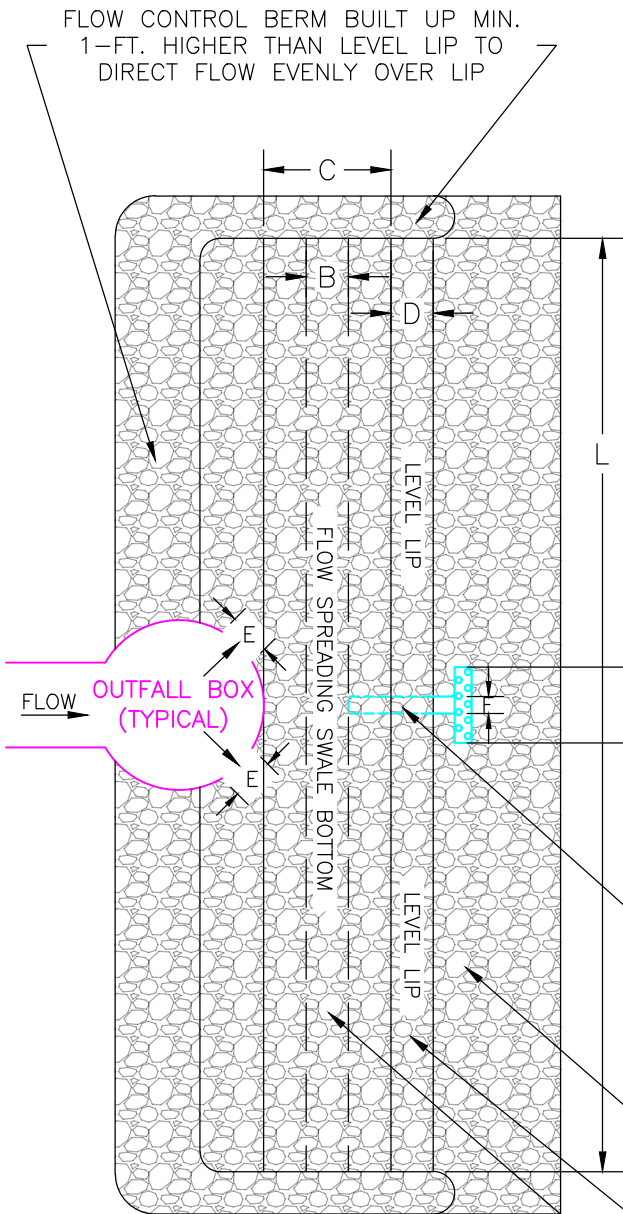


NOTES:

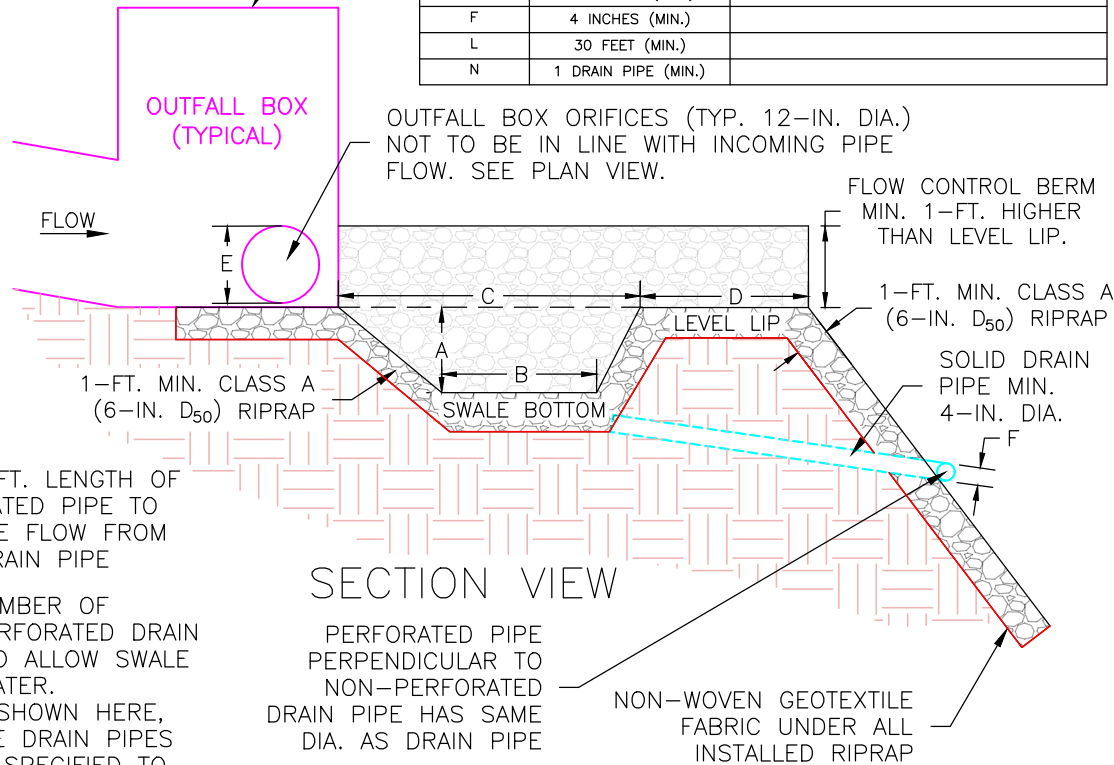
- INDIVIDUAL COMPONENTS OF LEVEL ENERGY DISSIPATOR TO BE SIZED AND DESIGNED BY ENGINEER. INPUT DESIGNED VALUES FOR KEY DIMENSIONS/QUANTITIES IN THE TABLE BELOW:

LEVEL ENERGY DISSIPATOR KEY DIMENSIONS		
LABEL	GUIDANCE VALUE	DESIGNED VALUE
A	1 FOOT (MIN.)	
B	1 FOOT (MIN.)	
C	3 FEET (MIN.)	
D	1 FOOT (MIN.)	
E	12 INCHES (TYP.)	
F	4 INCHES (MIN.)	
L	30 FEET (MIN.)	
N	1 DRAIN PIPE (MIN.)	



PLAN VIEW

OUTFALL BOX HAS OPEN TOP FOR EMERGENCY OVERFLOW WITH TRASH RACK FOR SAFETY



SECTION VIEW

L = LENGTH OF LEVEL LIP DESIGNED TO PASS THE 25-YR STORM EVENT WITH MAX. FLOW DEPTH OF 6-IN.

MIN. 1-FT. LENGTH OF PERFORATED PIPE TO DISPERSE FLOW FROM EACH DRAIN PIPE

N = NUMBER OF NON-PERFORATED DRAIN PIPES TO ALLOW SWALE TO DEWATER.
N = 1 SHOWN HERE, MULTIPLE DRAIN PIPES MAY BE SPECIFIED TO ENSURE DEWATERING.

CLASS A (6-IN. D50) RIPRAP PROTECTION ON ALL COMPONENTS OF LEVEL ENERGY DISSIPATOR AND DOWNSTREAM FOR EROSION PROTECTION

LEVEL LIP AT ZERO GRADE

FLOW SPREADING SWALE UPGRADIENT OF LEVEL LIP

OUTFALL BOX ORIFICES (TYP. 12-IN. DIA.) NOT TO BE IN LINE WITH INCOMING PIPE FLOW. SEE PLAN VIEW.

FLOW CONTROL BERM MIN. 1-FT. HIGHER THAN LEVEL LIP.

1-FT. MIN. CLASS A (6-IN. D₅₀) RIPRAP

SOLID DRAIN PIPE MIN. 4-IN. DIA.

PERFORATED PIPE PERPENDICULAR TO NON-PERFORATED DRAIN PIPE HAS SAME DIA. AS DRAIN PIPE

NON-WOVEN GEOTEXTILE FABRIC UNDER ALL INSTALLED RIPRAP

NOT TO SCALE



Greenville County Storm Water Management

LEVEL ENERGY DISSIPATOR

STANDARD DRAWING NO.

RC-05

APPROVED BY:

GREENVILLE COUNTY STORM WATER MANAGEMENT

April 2020
DATE