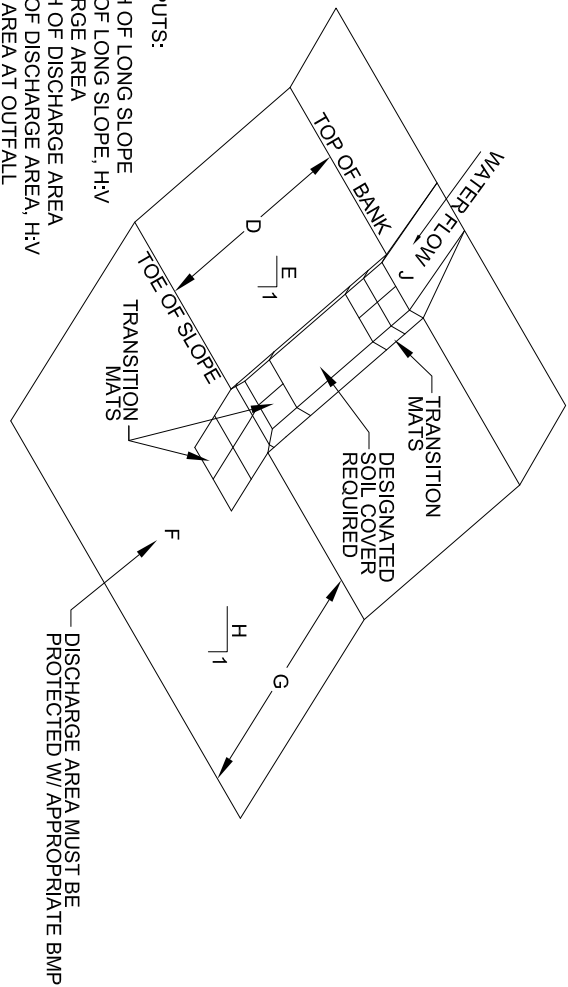


# COHESIVE SOILS DESIGN FOR OUTFALL ONTO SLOPE

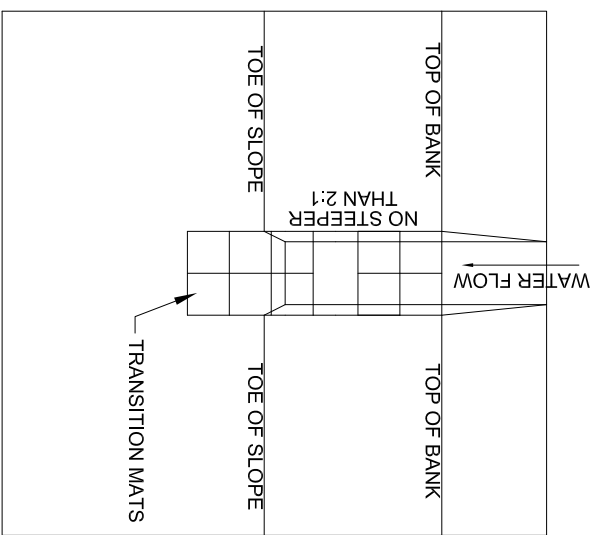
ISOMETRIC VIEW



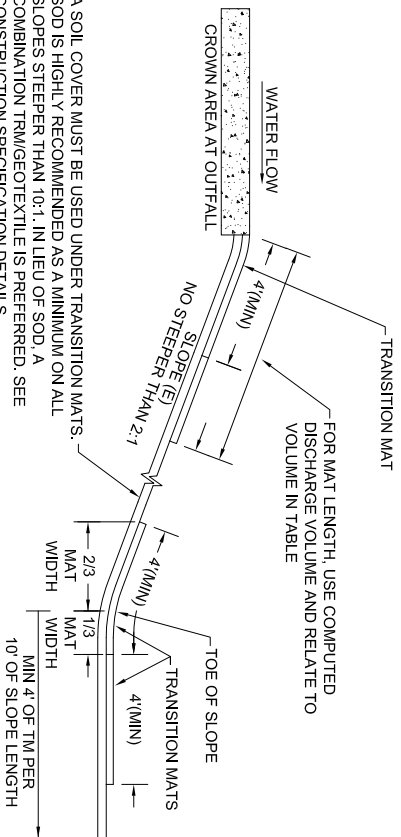
DESIGN INPUTS:  
 D = LENGTH OF LONG SLOPE  
 E = SLOPE OF LONG SLOPE, H:V  
 F = DISCHARGE AREA  
 G = LENGTH OF DISCHARGE AREA  
 H = SLOPE OF DISCHARGE AREA, H:V  
 J = CROWN AREA AT OUTFALL

IF PIPE OUTFALL AT H, NEED PIPE SLOPE AND PIPE SIZE  
 IF OPEN OUTFALL AT H, NEED SLOPE AND/OR VOLUME IN CFS

PLAN VIEW

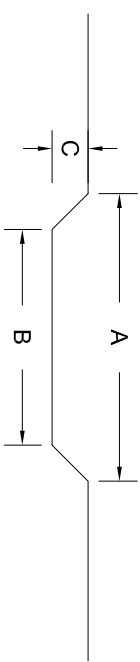


PROFILE VIEW



A SOIL COVER MUST BE USED UNDER TRANSITION MATS. SOD IS HIGHLY RECOMMENDED AS A MINIMUM ON ALL SLOPES STEEPER THAN 10:1. IN LIEU OF SOD, A COMBINATION TRM/GEOTEXTILE IS PREFERRED. SEE CONSTRUCTION SPECIFICATION DETAILS.

SECTION VIEW (W/ EXAMPLE DIMENSIONS)



DIMENSION LABEL	LENGTH (FEET)	LENGTH (METERS)
A	8.0	2.44
B	6.0	1.83
C	0.5	0.15