



DESIGN DISCHARGE Q (cfs)	DOWNSLOPE SLOPE "Sd" IN PERCENT (%)			
	0%-4%	4%-6%	6%-8%	8%-10%
1	1.5	1.5	1.5	1.5
2	1.5	1.5	1.7	2.0
4	1.5	1.8	2.5	3.0
7	1.9	2.5	3.5	4.1
10	2.3	3.1	4.2	*
15	3.0	3.9	*	*
20	3.5	4.5	*	*
25	3.9	5.2	*	*
30	4.3	5.7	*	*

* = NOT RECOMMENDED

DOWNSLOPE SLOPE "Sd" IN PERCENT (%)	WEIR LENGTH "L" = DESIGN Q IN CFS DIVIDED BY UNIT WEIR FLOW IN CFS/LF	
	MINIMUM WEIR LENGTH = 4 FEET	WEIR LENGTH > 200 FEET IS NOT RECOMMENDED
0%-4%	0.20	0.04
4%-6%	0.07	0.04

EXAMPLE: DESIGN Q = 7 cfs
Sd = 6%
L = 7 / 0.20 = 35 FEET
THUS, D = 2.5 FEET

TYPE	YEAR	PROJECT NO.	SHEET NO.
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

NOT TO SCALE

