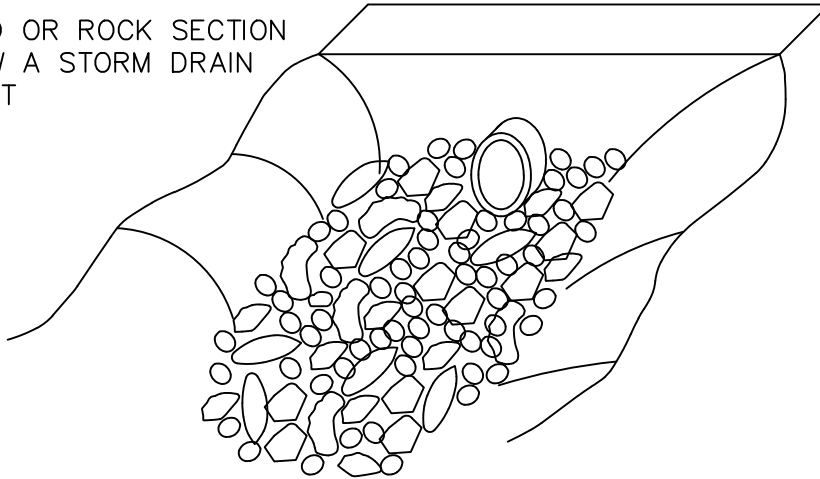
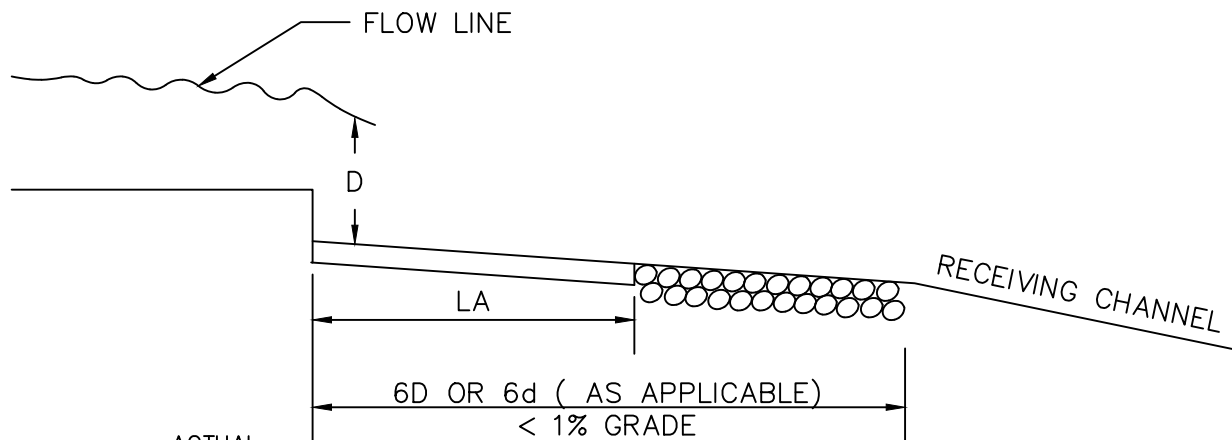


PAVED OR ROCK SECTION  
BELOW A STORM DRAIN  
OUTLET



- LENGTH  $\geq$  6 TIMES DIAMETER OF PIPE OR  $\geq$  6 TIMES DEPTH OF FLOW IN CHANNEL
- GRADE  $<$  1%



ACTUAL OUTLET VELOCITY FT/SEC	Pipe diameter, d – inches													
:	15	18	21	24	27	30	33	36	42	48	54	60	66	72
6	3	3	3	3	3	4	4	4	4	4	5	5	5	5
8	3	4	4	4	4	5	5	5	6	6	6	7	7	7
10	4	5	5	5	6	6	6	6	7	7	8	8	9	9
12	5	5	6	6	7	7	7	8	8	9	10	10	11	11
14	6	6	7	7	8	8	9	9	10	10	11	12	12	13
16	7	7	8	8	9	9	10	10	11	12	13	13	14	15
18	8	8	9	10	10	11	11	12	13	13	14	15	16	16
20	8	9	10	11	11	12	12	13	14	15	16	17	18	18
22	9	10	11	12	12	13	14	14	15	16	17	18	19	20
24	10	11	12	13	13	14	15	16	17	18	19	20	21	22
26	11	12	13	14	15	15	16	17	18	19	21	22	23	24
28	12	13	14	15	16	17	17	18	20	21	22	23	25	26
30	13	14	15	16	17	18	19	19	21	22	24	25	26	27



**CITY OF CORDELE, GEORGIA - STANDARD DETAIL**

**(St1) STORM DRAIN  
OUTLET PROTECTION**

DETAIL NO:

E-047

DATE: