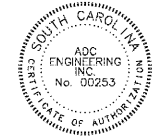


147 Wappoo Creek Drive
Suite 400
Charleston, SC 29412
P 843.762.2222

ADC
ENGINEERING SPECIALISTS
1224 WYOMING STREET, SUITE 100
HARTSBURG, SC 29419
843-566-0161
fax 843-566-0162
ACCEPTED FOR RECORD - 1/18/17

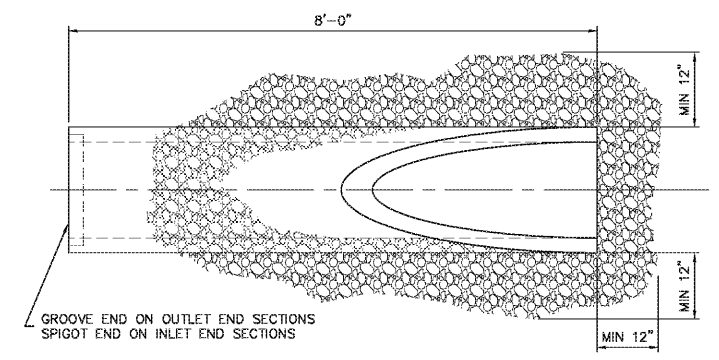


Revision Date	Description
01/23/2017	PERMIT SET

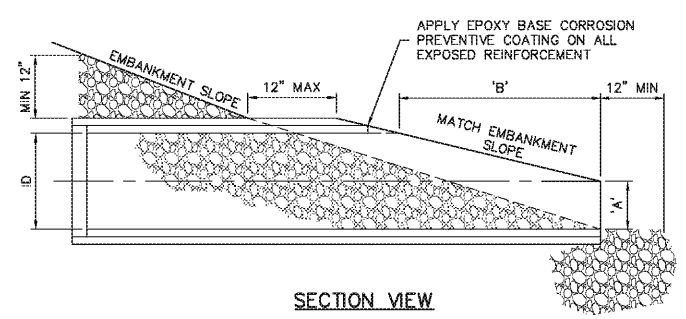
Town of James Island
TOWN HALL
Dills Bluff Road
Charleston, SC 29412

Project Number:	15102/ADC15304
Checked By:	CBC
Drawn By:	JMC
Date:	01/23/17
Scale:	NOT TO SCALE

C631
Civil Details -
Storm Drainage



PLAN VIEW



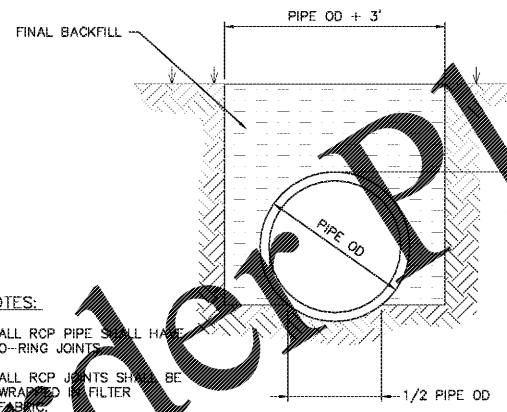
SECTION VIEW

NOTES:

1. BEVELED END SECTIONS WILL BE MANUFACTURED IN ACCORDANCE WITH SCDOT SUPPLEMENTAL TECHNICAL SPECIFICATIONS SC-M-714. THESE SPECIAL PIPE SECTIONS WILL BE MADE DURING THE MANUFACTURING OF OTHER STATE APPROVED REINFORCED CONCRETE PIPE.
2. THE PIPE BEVEL MAY BE SAWED IN THE FIELD IN LIEU OF BEING MANUFACTURED. IN FIELD SAWING, THE PIPE OPENING MAY COME TO A POINT AT THE PIPE CREST RATHER THAN A RADIUS IF APPROVED BY THE PIPE MANUFACTURER. ALTERNATE PIPE FOR SIDELINES MUST HAVE EACH END BEVELED TO MATCH THE ADJACENT SLOPES.

I.D. (IN)	A (IN)	B (BEVELED LENGTH (IN))	EMBANKMENT SLOPE				
			6:1	5:1	4:1	3:1	2:1
15	6	54	45	36	27	18	
18	9	54	45	36	27	18	
24	10	NA	70	56	42	28	

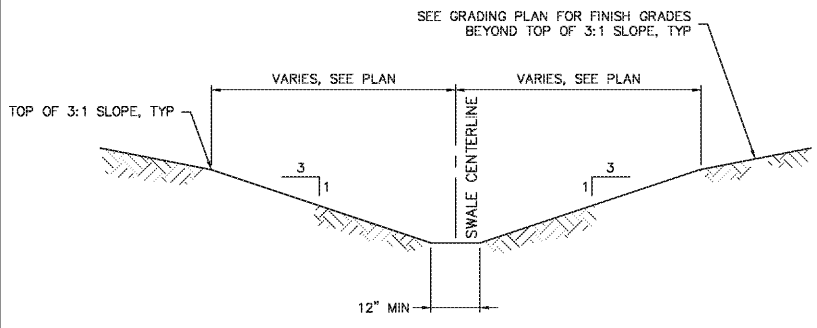
(A) SCDOT END TREATMENT (RCP BEVELED END)



NOTES:

1. ALL RCP PIPE SHALL HAVE O-RING JOINTS.
2. ALL RCP JOINTS SHALL BE WRAPPED IN FILTER FABRIC.

(B) REINFORCED CONCRETE PIPE TRENCH



(C) TYPICAL SWALE SECTION