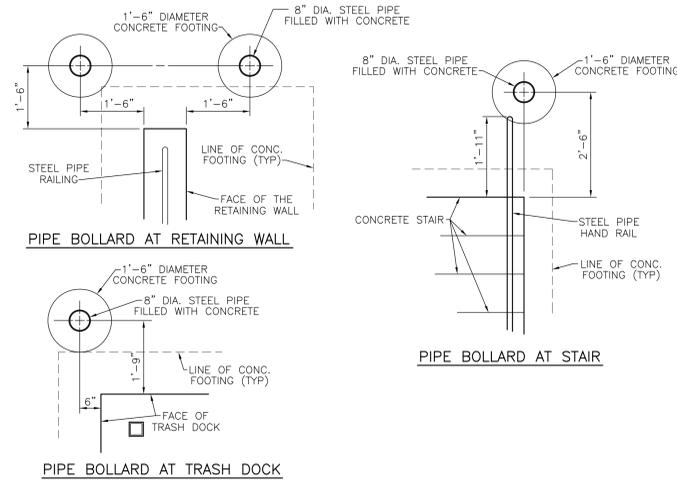
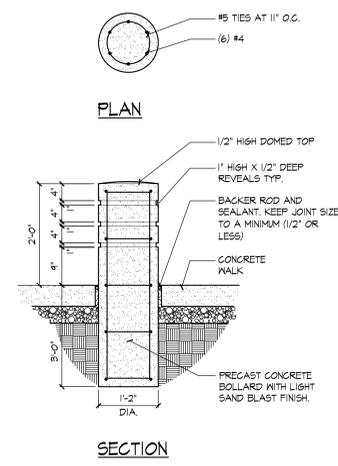


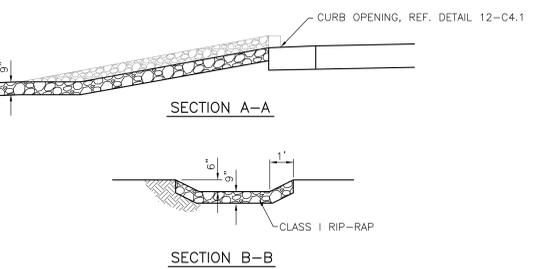
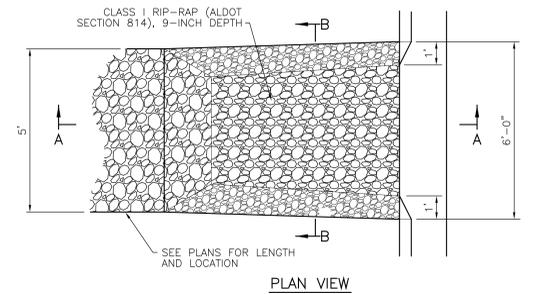
1 PIPE BOLLARD
C3.1 | C4.5 NOT TO SCALE



2 PIPE BOLLARD LOCATIONS
C3.1 | C4.5 NOT TO SCALE

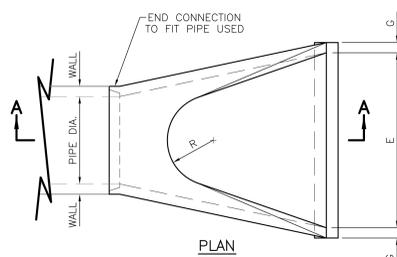


3 DECORATIVE CONCRETE BOLLARD
C3.1 | C4.5 NOT TO SCALE

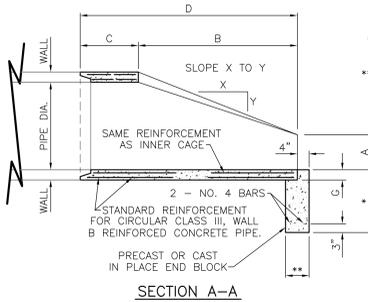


4 CURB DRAINAGE OUTLET AND RIP-RAP SWALE
C5.1 | C4.5 NOT TO SCALE

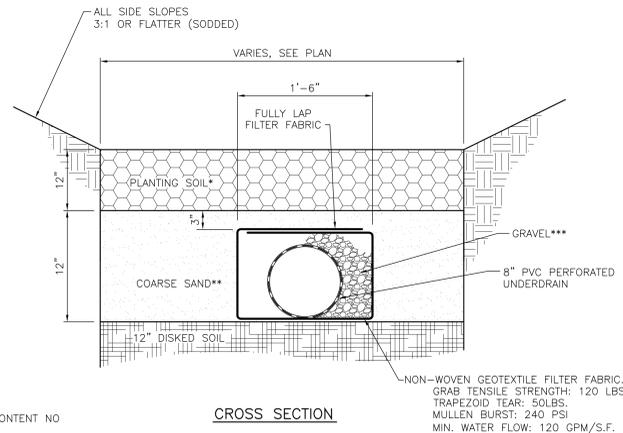
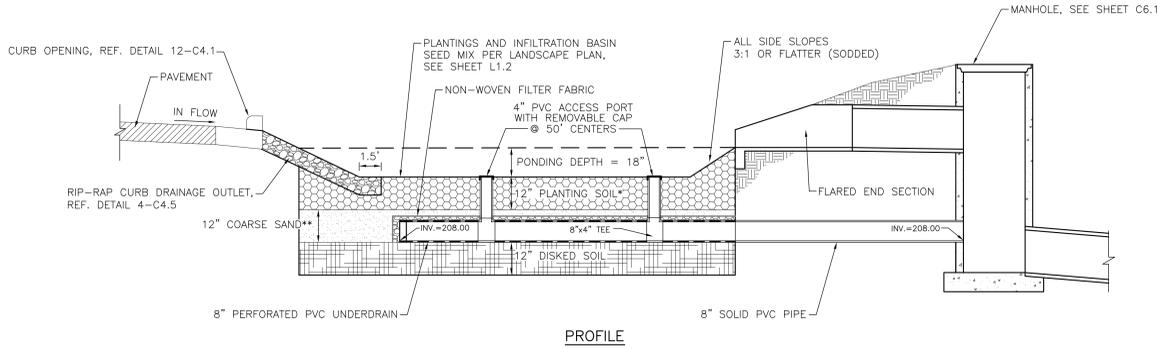
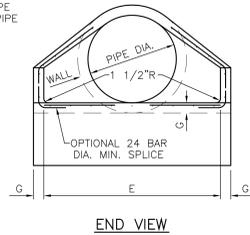
PIPE DIA.	APPROX. QTY. LBS.	WALL	A	B	C	D	E	G	R	APPROX. SLOPE
15"	740	2 1/4"	6"	2'-3"	3'-10"	6'-1"	2'-6"	2 1/4"	11"	2.4 : 1
18"	990	2 1/2"	9"	2'-3"	3'-10"	6'-1"	3'-0"	2 1/2"	12"	2.4 : 1



- NOTES**
1. PRECAST CONCRETE FLARED END SECTION SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF A.A.S.H.T.O. M-170 CLASS III, WALL B REINFORCED CONCRETE PIPE.
 2. REQUIRED PIPE DIAMETER INDICATED ON UTILITY PLAN FOR EACH INDIVIDUAL INSTALLATION.

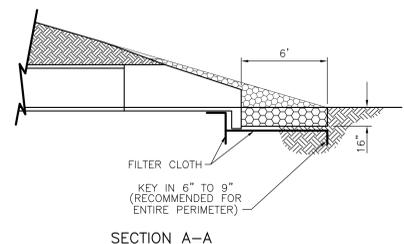
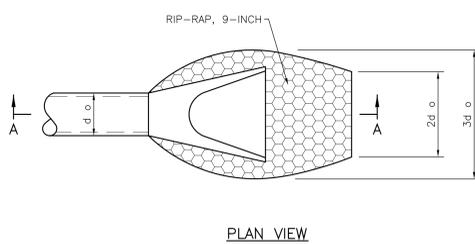


5 PRECAST REINFORCED CONCRETE FLARED END SECTION
C6.1 | C4.5 NOT TO SCALE



6 INFILTRATION BASIN
C5.1 | C4.5 NOT TO SCALE

- * PLANTING SOIL: USDA SOIL TYPES LOAMY SAND OR SANDY LOAM, CLAY CONTENT NO GREATER THAN 10%.
- ** COARSE SAND: MATERIAL CONFORMING TO ALDOT SIZE NO. 100 FOR FINE AGGREGATE WITH NO MORE THAN 3% PASSING THE NO. 200 SIEVE. (ARTICLE 801.11)
- *** GRAVEL: MATERIAL CONFORMING TO ALDOT GRADATION NO. 57 FOR COARSE AGGREGATE (ARTICLE 802.09)



7 RIP-RAP OUTLET
C6.1 | C4.5 NOT TO SCALE

21 JUN 2012		AMENDMENT 0001	DESCRIPTION OF REVISION
SYM.	D.O. NO.	ACTION	DATE
 DEFENSE COMMISSARY AGENCY DeCA LOGISTICS AND ENGINEERING GROUP FORT LEE, VIRGINIA LACKLAND AFB, TEXAS			
DESIGNED BY:	DESIGN/BUILD NEW COMMISSARY SITE DETAILS MAXWELL A.F.B. - GUNTER ANNEX, ALABAMA		
DRAWN BY:			
REVIEWED BY:			
SUBMITTED BY:			
ENGINEER:	SOL. NO. HDEC03-12-R-0003	DATE: 21 JUN 2012	SEQUENCE NO. C4.5
	PROJECT NO. DECOMPOS	DRAWING NUMBER	SHEET NO. OF