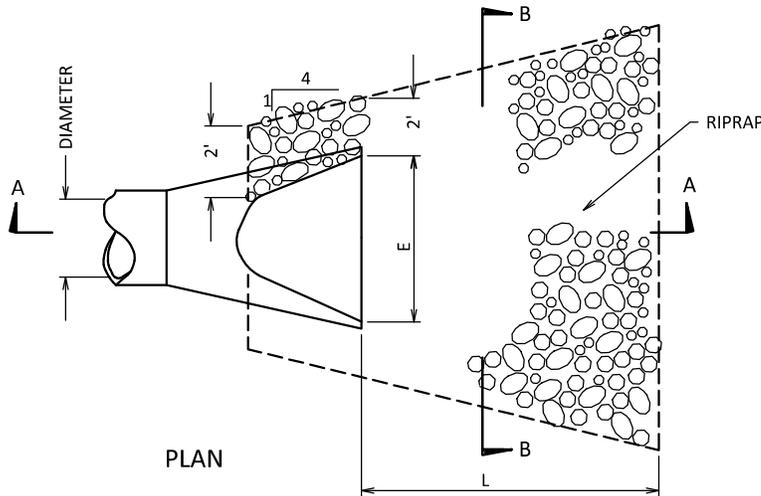


SECTION B-B

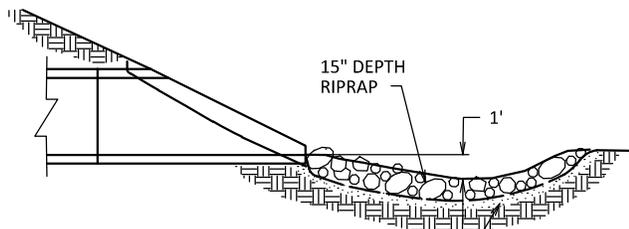
CULVERT END DIMENSIONS				
DIAMETER	E	L	RIP RAP	CL
12"	24"	8'	8 CY	III
18"	36"	10'	10 CY	III
24"	48"	12'	15 CY	III
30"	60"	14'	15 CY	III
48"	84"	20'	30 CY	IV

\* PER MN/DOT STANDARD PLATE 3133C



PLAN

NOTE:  
 ARTICULATED CONCRETE BLOCK IS THE CITY STANDARD FOR USE AT CULVERTS. SEE STANDARD DETAIL 3020. RIP RAP IS ONLY ALLOWED WHEN APPROVED BY THE CITY.



GEOTEXTILE FABRIC, PER SPEC. 3601. THE FABRIC SHOULD COVER THE AREA OF THE RIPRAP AND EXTEND UNDER THE CULVERT APRON THREE FEET.

SECTION A-A

RCP CULVERT END RIPRAP DETAIL  
 NOT TO SCALE  
 SAINT PETER STANDARD  
 PLATE 3018

# RCP CULVERT END RIPRAP DETAIL

STANDARD DETAIL  
 PLATE NO:  
**3018**

APPROVED: ADOPTED BY CITY COUNCIL ON JANUARY 12, 2004

REVISED: REVISION ADOPTED BY CITY COUNCIL ON APRIL 09, 2018

REMARKS:

**SAINT PETER UTILITY STANDARD DETAIL**

