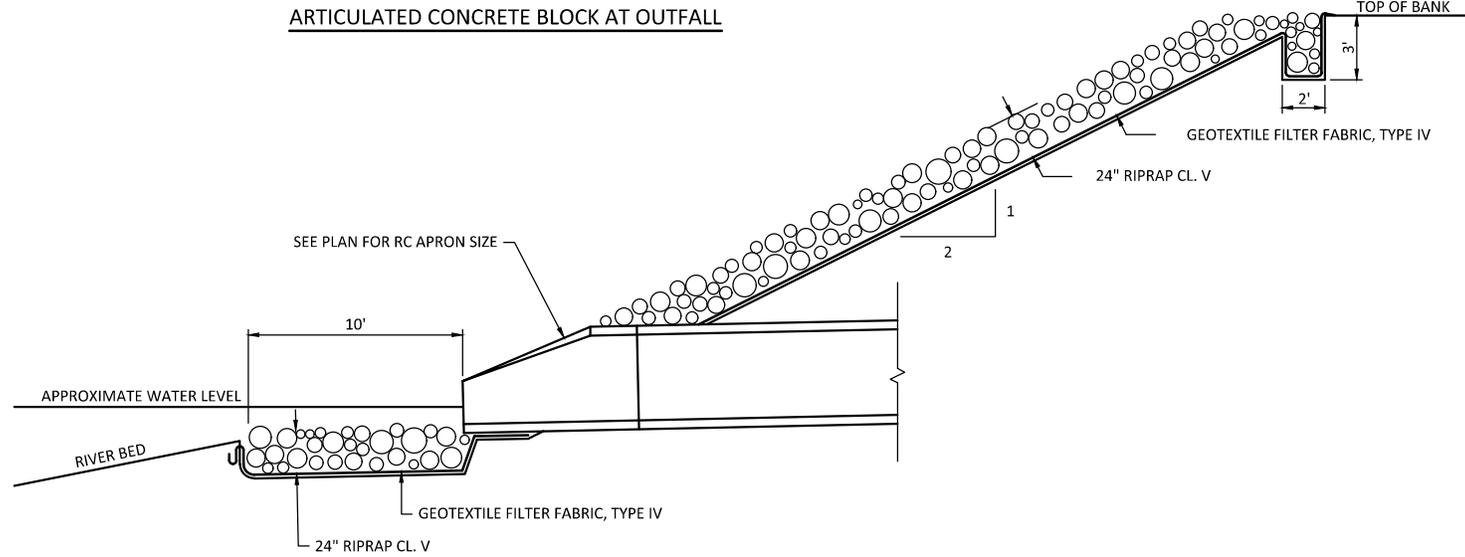


NOTE:
 ARTICULATED CONCRETE BLOCK IS THE
 CITY STANDARD FOR USE AT CULVERTS.
 SEE STANDARD DETAIL 3020. RIP RAP IS
 ONLY ALLOWED WHEN APPROVED BY
 THE CITY.

ARTICULATED CONCRETE BLOCK AT OUTFALL



RIPRAP AT OUTFALL

PROTECTION AT RIVER OUTFALL
 NOT TO SCALE
 SAINT PETER STANDARD
 PLATE 3019

PROTECTION AT RIVER OUTFALLS

STANDARD DETAIL
 PLATE NO:
3019

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



Y:\STPE\3019stpe.dwg 1/11/13 9:58 am