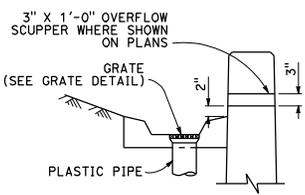
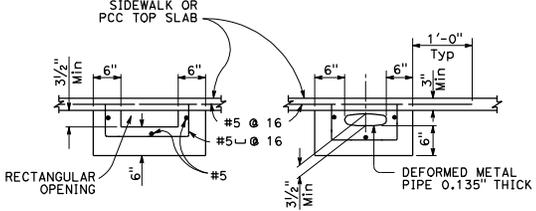


278

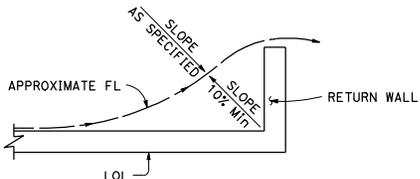


WALL DRAIN DETAIL

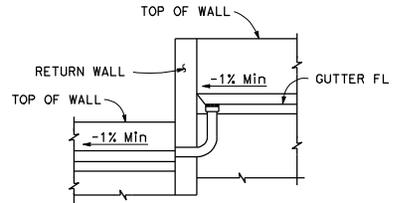


NOTES:
 Area of opening to be not less than that of pipe from wall gutter. Make opening transition in wall. Edge opening in curb face to 1/4" minimum radius.

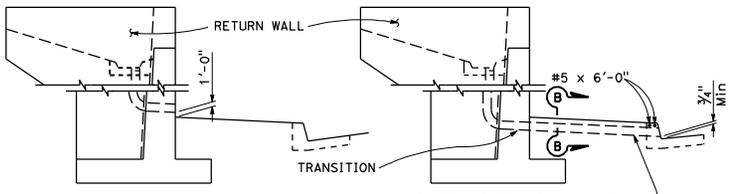
OUTLET DETAIL - SECTION B-B



WALL DRAINAGE WHERE GUTTER NOT REQUIRED



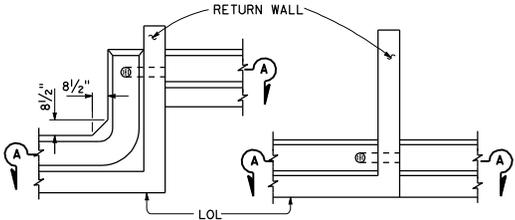
SECTION A-A



RETAINING WALL, FACE OF WALL OUTLET

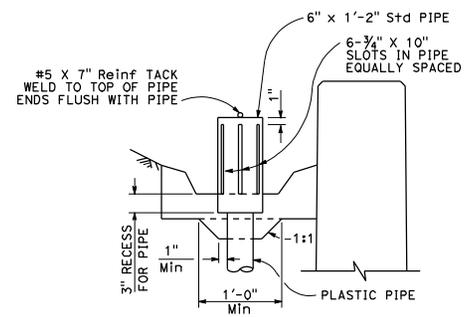
4" PLASTIC PIPE WHEN WALL DRAIN IS 4" OR LESS. FOR LARGER PIPE SEE OUTLET DETAIL-SECTION B-B

RETAINING WALL, GUTTER OUTLET

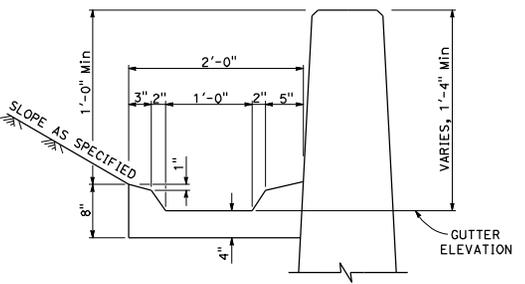


PLAN-OFFSET WALL PLAN-CONTINUOUS WALL

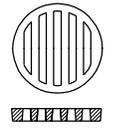
DRAIN THROUGH RETURN WALL



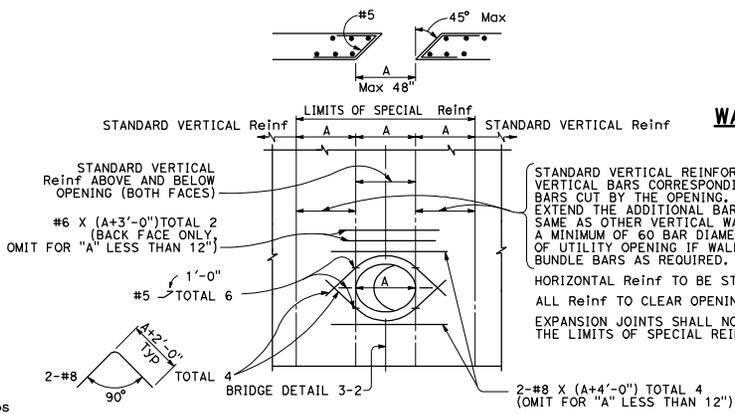
WALL DRAIN WITH PIPE DOME



TYPICAL GUTTER DETAIL



GRATE DETAIL
 Sizes to fit standard hubs



RETAINING WALL UTILITY OPENING

Max size of opening (A) = 48"
 To be used in conjunction with sheet (B3-5)

STANDARD VERTICAL REINFORCEMENT PLUS ADDITIONAL VERTICAL BARS CORRESPONDING IN SIZE AND NUMBER TO BARS CUT BY THE OPENING. PLACE HALF ON EACH SIDE. EXTEND THE ADDITIONAL BARS INTO THE FOOTING THE SAME AS OTHER VERTICAL WALL REINFORCEMENT AND TO A MINIMUM OF 60 BAR DIAMETERS ABOVE THE TOP OF UTILITY OPENING IF WALL HEIGHT PERMITS. BUNDLE BARS AS REQUIRED.

HORIZONTAL Reinf to BE STANDARD EXCEPT AS SHOWN. ALL Reinf to CLEAR OPENING BY 2" MINIMUM. EXPANSION JOINTS SHALL NOT BE LOCATED WITHIN THE LIMITS OF SPECIAL REINFORCING

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

RETAINING WALL DETAILS No. 2

NO SCALE

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

Gary Wong
 REGISTERED CIVIL ENGINEER
 No. C88238
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA

May 20, 2011
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

2010 STANDARD PLAN B3-6

B3-6