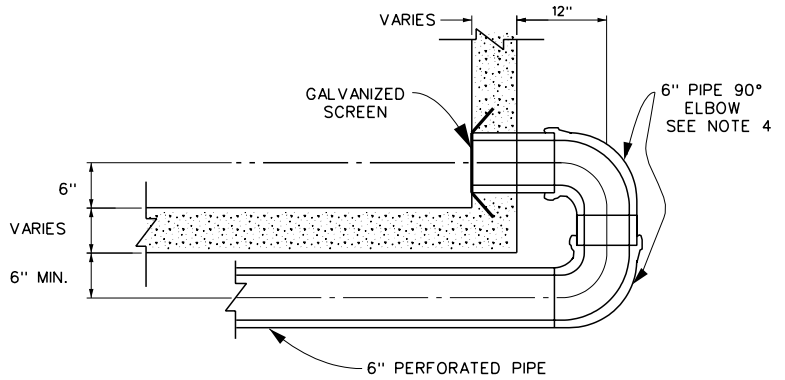
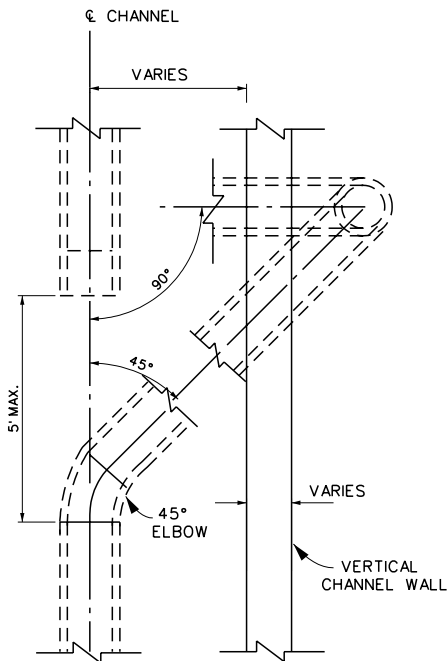


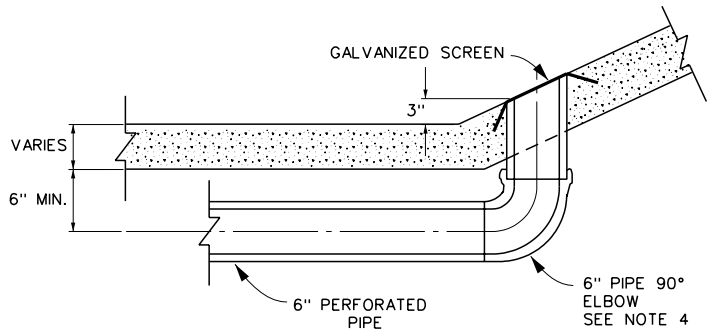
PLUG DETAIL



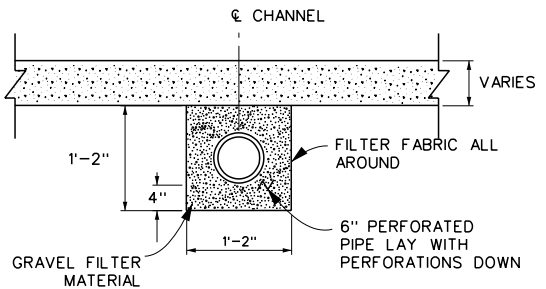
TYPICAL OUTLET IN VERTICAL CHANNEL WALL



PLAN VERTICAL & SLOPED WALL



TYPICAL OUTLET IN SLOPED CHANNEL WALL



TYPICAL SUBDRAIN

NOTES

1. DRAIN PIPE OUTLETS SHALL BE COVERED WITH 1/2" MESH GALVANIZED SCREEN, ANCHORED IN CONCRETE A MINIMUM OF 4", OF 16 GAGE WIRE OR HEAVIER.
2. SUBDRAIN OUTLET SHALL BE CONSTRUCTED AT 300' INTERVALS, ALONG THE CHANNEL CENTERLINE, AS LOCATED ON THE PLANS OR IN THE SPECIFICATIONS; AND/OR AS DIRECTED BY ENGINEER.
3. SUBDRAIN SHALL BEGIN AND END WITHIN 5' OF BOX CULVERTS UNLESS THE PLANS SPECIFICALLY REQUIRE THE SUBDRAIN TO BE CONTINUOUS UNDER THE BOX.
4. OPTIONAL TO USE 90° ELBOW OR OTHER SPECIALS, AS APPROVED BY THE ENGINEER



RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	
APPROVED BY: <i>Warren D. Will Lays</i>	
CHIEF ENGINEER	
DATE: April 5, 2004	R.C.E. NO. 32336

**SUBDRAINS
LAYOUT, SECTIONS
& DETAILS**

STANDARD DRAWING NUMBER CH332