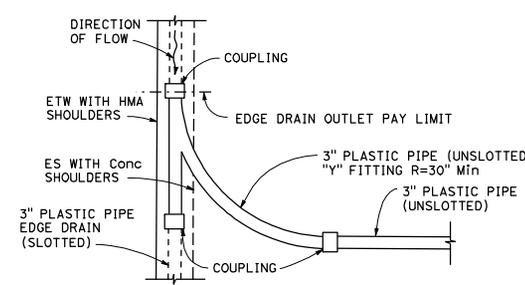
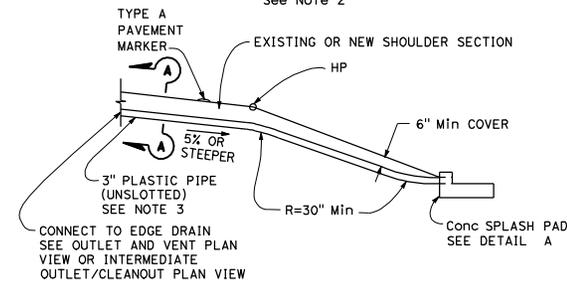


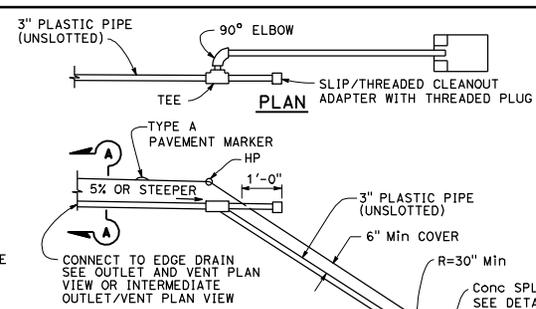
**PLAN**  
**DUAL OUTLET AND/OR VENT**  
See Note 2



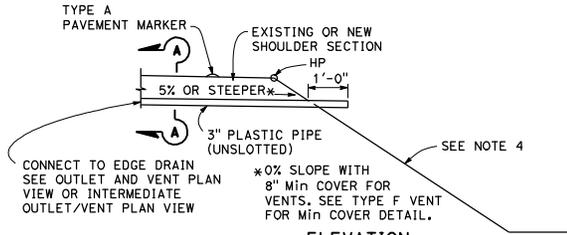
**PLAN**  
**INTERMEDIATE OUTLET**  
See Note 2



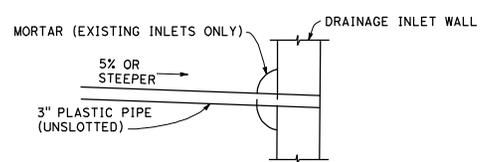
**ELEVATION**  
**TYPE A OUTLET**



**ELEVATION**  
**TYPE B OUTLET**

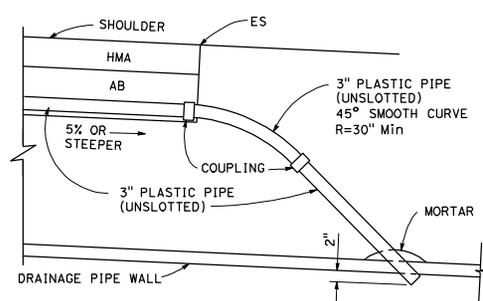


**ELEVATION**  
**TYPE C OUTLET AND/OR VENT**



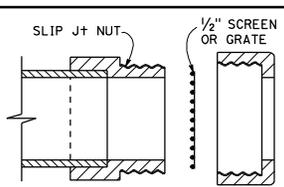
**ELEVATION**

**TYPE D OUTLET CONNECTION TO DRAINAGE INLET**

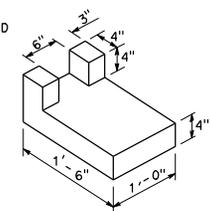


**ELEVATION**

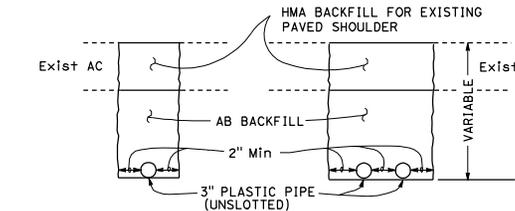
**TYPE E OUTLET CONNECTION TO DRAINAGE PIPE**



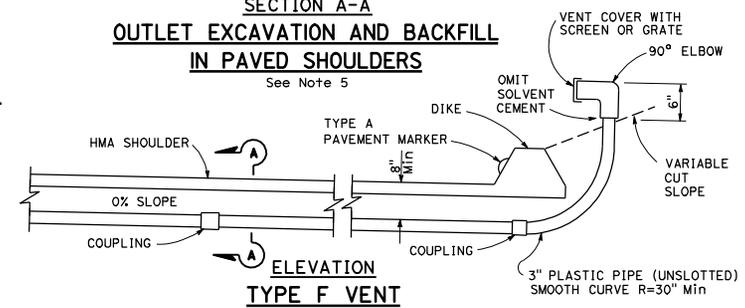
**EDGE DRAIN OUTLET AND VENT COVER**



**DETAIL A**  
**CONCRETE SPLASH PAD**



**SECTION A-A**  
**OUTLET EXCAVATION AND BACKFILL IN PAVED SHOULDERS**  
See Note 5



**ELEVATION**  
**TYPE F VENT**

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**EDGE DRAIN OUTLET AND VENT DETAILS**  
NO SCALE

**D99B**

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

**William K. Farnbach**  
 REGISTERED CIVIL ENGINEER  
 No. C49042  
 Exp. 9-30-12  
 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.

**NOTES:**

1. See project plans for location and type of outlet and/or vent installations.
2. The position of slotted plastic pipe and limits of treated permeable material shown are for the Type 1 structural section drainage system shown on Standard Plan D99A.
3. The maximum length of plastic pipe outlet shall be 50'-0" (±) measured from the longitudinal centerline of the collector trench to the pipe outlet. For pipe lengths greater than 50'-0" use Type B outlets.
4. See project plans for slope protection details at Type C pipe outlets.
5. Backfill with aggregate base from outside edge paved shoulder to hinge point, and backfill with native material in slope area.
6. See Standard Plan D99C for Type G vent detail used with portland cement concrete shoulders.