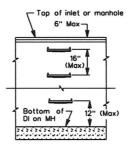
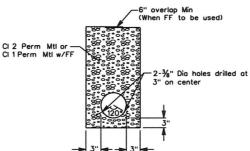
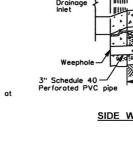
NOTES:

- 1. All inlets shall have a County approved "anti-pollution" plastic marker attached to the inlet as directed by the Inspector or Resident Engineer. The marker shall be applied following manufacturer's recommendations. PCC surfaces shall be mechanically cleaned just prior to attaching the marker. The marker and adhesive may be furnished by the Public Works Department, check your permit conditions or contract Special Provisions.
- 2. Steps shall be steel reinforced polypropylene plastic, M.A. Industries, Inc. No. PSZ-PF or equivalent. Steps to be cast in place or press fitted into holes per manufacturer. Install steps with lowest rung 12" maximum above the floor and highest rung not more than 6" below top of inlet. The spacing between steps shall not exceed 16" and shall be uniform throughout the length of the wall. Place steps in the wall without an opening. Steps shall not be installed on inlet back wall. No steps required where distance from floor of inlet to top of grate is 4' or less. See "Step Detail"
- 3. Weephole elevation varies depending on the depth of the adjoining pavement section. It shall be at, or slightly below, the pavement section subgrade elevation with a minimum depth of 18" below the curb inlet grate elevation. The side weephole detail shall be used at all "sump" locations. Edge drain (Standard Plan CDOB), or side weephole drains detail at other locations may be required as shown on the construction plans or by the Public Works Department. Where the side weephole detail or edge drains are not required, these weepholes shall conform to the front face weephole details shown on this plan.
- 4. 3" edge drain per Standard Plan CD08, when shown on the plans or specified by the Public Works Department.
- Concrete shall conform to Section 90, "Concrete", of California Department of Transportation's Standard Specifications and the following.
 - A. Construction joints shown on standard plans are permitted when top portion of inlet is to be constructed monolithically with curb and sidewalk. Key dimensions-\(^{\frac{1}{4}}\) \(^{\frac{1}{4}}\) \(^
 - B. Concrete construction joint shall be located 12" to 18" below top of curb elevation.
 - C. Concrete above construction joint shall contain a minimum of 505 lbs of cementious material per cubic yard, 1" maximum aggregate grading.
 - D. Concrete below construction joint shall contain a minimum of 590 lbs of cementious material per cubic yard, 1" maximum aggregate grading.
 - E. When inlet is constructed as a single unit concrete shall comply with item D. described above.
- 6. Type "I" manhole (Std Pln CD30) bases are for use with pipes to 24" in diameter and where there is sufficient cover to use minimum length manhole barrel, eccentric cone, and cover frame. Use Type "II" manhole bases (Std Pln CD31) with pipes to 42" in diameter. Type "III" manhole bases (Std Pln CD32) for 60" in diameter. Use Type "V" manhole bases (Std Pln CD34) for pipes up to 96" in diameter. For pipe larger than 96" in diameter, a special manhole base design is required.
- 7. Unless otherwise noted on Standard Plans all concrete shall contain not less than 590 lbs. of cementious material per cubic yard, 1" maximum grading in conformance with Section 90, "Concrete" of California Department of Transportation's Standard Specifications. Invert paving concrete shall contain not less than 505 lbs per cubic yard of cementious material, 1" maximum grading, in conformance with said Standard Specifications.
- Inlet and outlet pipes shall not intercept a manhole base through a corner. If skew angle is too great to permit the opening to be made in a single wall face, use a Type "III" manhole base. (See Std Pin CD32).



STEP DETAIL See Note 2





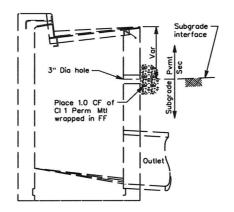
Drainage Inlet Inl

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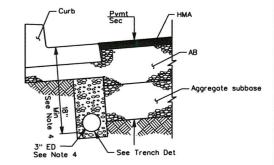
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SIDE WEEPHOLE DRAIN DETAIL
See Note 3

EDGE DRAIN TRENCH DETAIL







SECTION A-A

COUNTY OF CONTRA COSTA
PUBLIC WORKS DEPARTMENT
MARTINEZ, CALIFORNIA
STANDARD PLAN

STD INLET/MANHOLE PLAN GENERAL NOTES & DETAILS

			1 1				
				SCALE: NO SCALE	DATE: 3/14		•
				DRAWN BY: H. HUSSEY	PLAN NO.	CD35	
Э.	DATE	REVISION DESCRIPTION	BY	CHECKED BY: M. HOLLINGSWORTH		CD33	
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