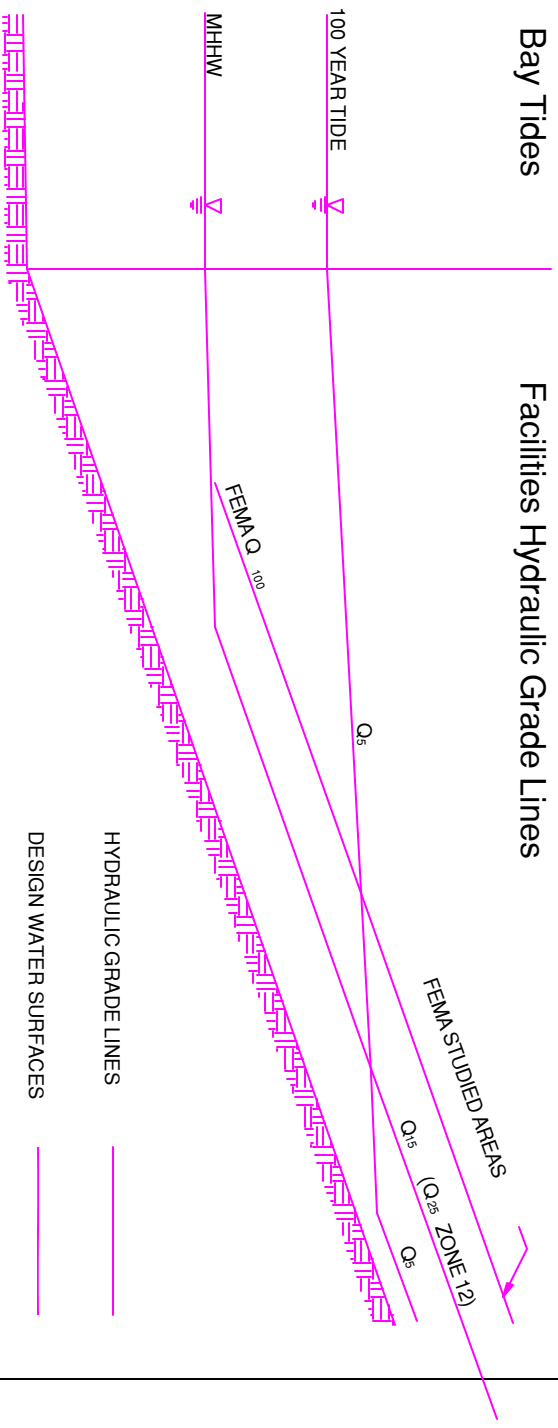
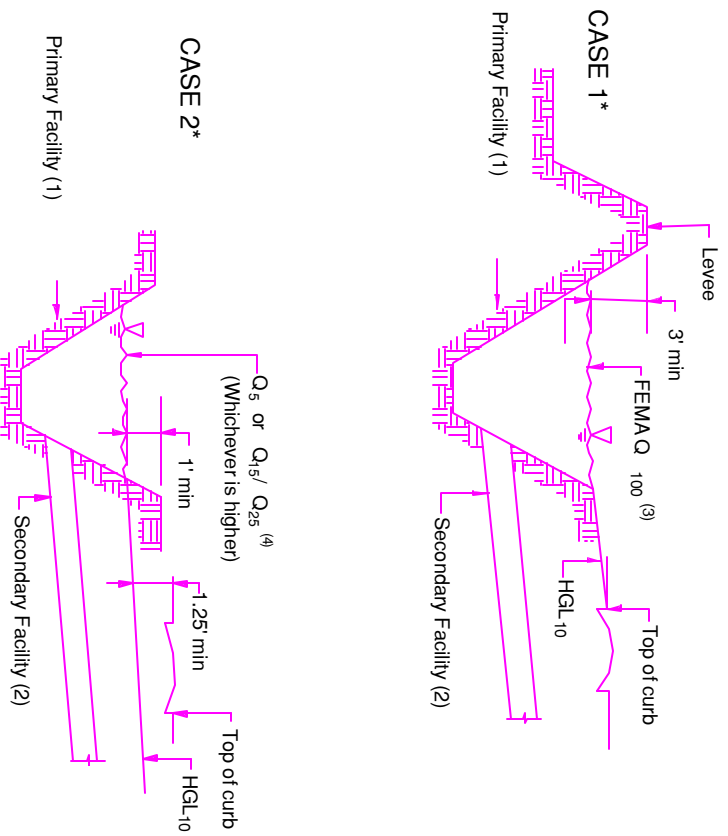


PRIMARY FACILITIES



SECONDARY FACILITIES



* USE THE HIGHER OF CASE 1 AND CASE 2

NOTES :

- (1) Primary facilities have a drainage area between 50 acres and 10 square miles
- (2) Secondary facilities have a drainage area less than 50 acres
- (3) Primary facilities shall contain the FEMA Q(100) with adequate freeboard within FEMA study areas.
- Use Q25 for Zone No. 12 only
- (4) The freeboard requirements, see section on hydraulic design criteria
- (5) Street system or alternative shall carry storm water in excess of the design flows into the primary facilities.

ALAMEDA COUNTY FLOOD CONTROL
AND
WATER CONSERVATION DISTRICT

DESIGN WATER SURFACE SUMMARY

DATE: APRIL 2003

ATTACHMENT 3