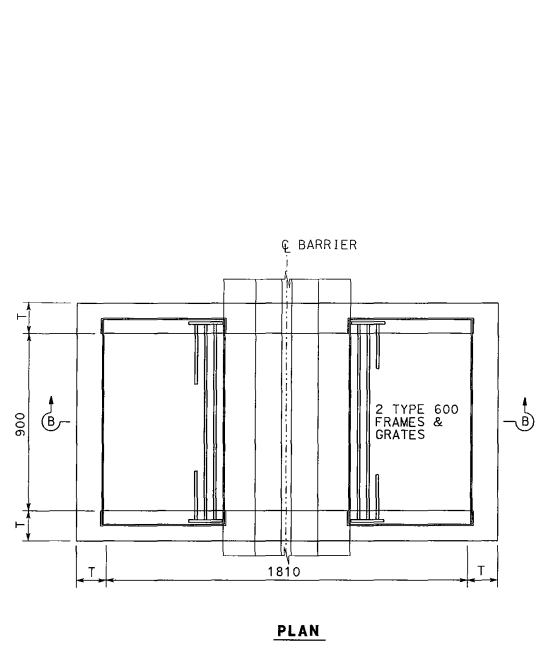


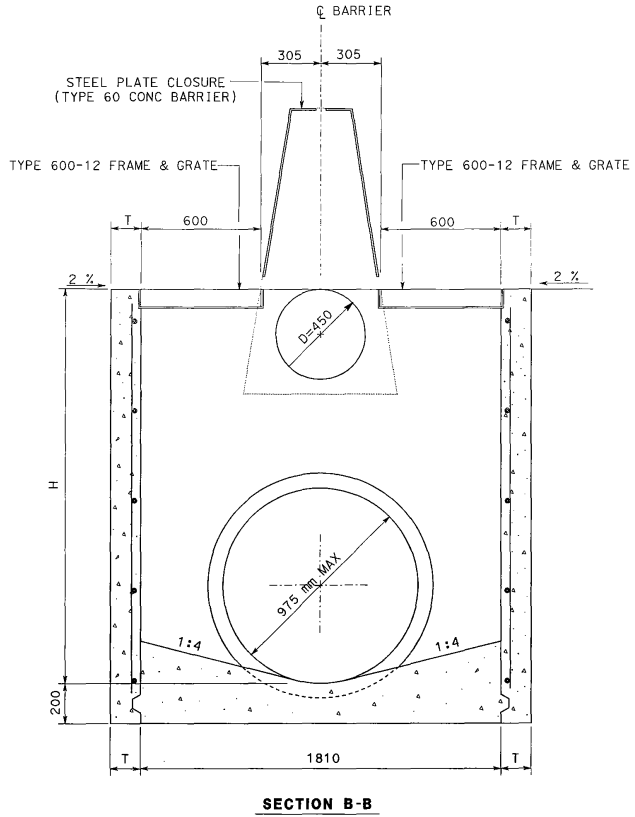
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans HYDRAULICS
 PROJECT ENGINEER WING-YAN LEE
 CHECKED BY WING-YAN LEE
 CALCULATED/ROMULO ROBERTO
 DESIGNED BY WING-YAN LEE
 REVISOR WING-YAN LEE
 DATE REVISED



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
07	LA	5,10,60,90,101,105,131,170,205,205	Var	324	1697
REGISTERED CIVIL ENGINEER			5-15-03		
PLANS APPROVAL DATE 2-2-04					
<small>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</small> Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov					



FOR GRATE, FRAME AND ANCHOR PLACEMENT DETAILS SEE STANDARD PLANS D77A AND D77B



GD-3 INLET (MODIFIED)

NOTES

- 'H' IS THE DIFFERENCE IN ELEVATION BETWEEN THE OUTLET PIPE FLOW LINE AND THE FLOW LINE OF THE GRATES.
- STEPS - NONE REQUIRED WHEN 'H' IS 1.07 m OR LESS. INSTALL ONE STEP 400 mm± ABOVE FLOOR WHEN 'H' IS MORE THAN 1.07 m AND LESS THAN 1.52 m. WHERE 'H' IS MORE THAN 1.52 m STEPS SHALL BE EVENLY SPACED @ 300 mm± INTERVALS FROM 400 mm± ABOVE FLOOR TO WITHIN 300 mm± OF THE TOP OF THE BOX. PLACE STEPS IN WALL WITHOUT PIPE OPENINGS. SEE STANDARD PLAN D74C FOR STEP DETAIL.
- PIPE(S) CAN BE PLACED IN ANY WALL.
- REINFORCING STEEL NOT REQUIRED IN WALLS WHEN H=1.83 m OR LESS.
- REINFORCING STEEL IN WALLS SHALL BE #13 BARS @ 450 mm± CENTERS PLACED 40mm CLEAR TO INSIDE OF BOX.
- FOR ISOLATION JOINT DETAIL, SEE SHEET D-113.
- FOR STEEL PLATE CLOSURE DETAILS, SEE CONSTRUCTION DETAILS.

MISCELLANEOUS IRON & STEEL

INLET TYPE	GRATE TYPE	MASS(kg)
GD-3	600 - 12	296

H	T
2.44 m OR LESS	150 mm
2.46 m to 6.10 m	200 mm

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SHOWN OTHERWISE
DRAINAGE DETAILS
 NO SCALE

D-91

LAST REVISION DATE PLOTTED => 11-FEB-2004
 100-00-00 TIME PLOTTED => 16:11