DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	5,10,60,90,101,105,134,170,405,605	Var	111	1697

5/15/03
REGISTERED CIVIL ENGINEER

2-02-04
PLANS APPROVAL DATE

DAN T. TRAN No. 63456 Exp. 9/30/06 CIVIL STATE OF CALIFORNIA

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.

Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov

Caltrans Metric

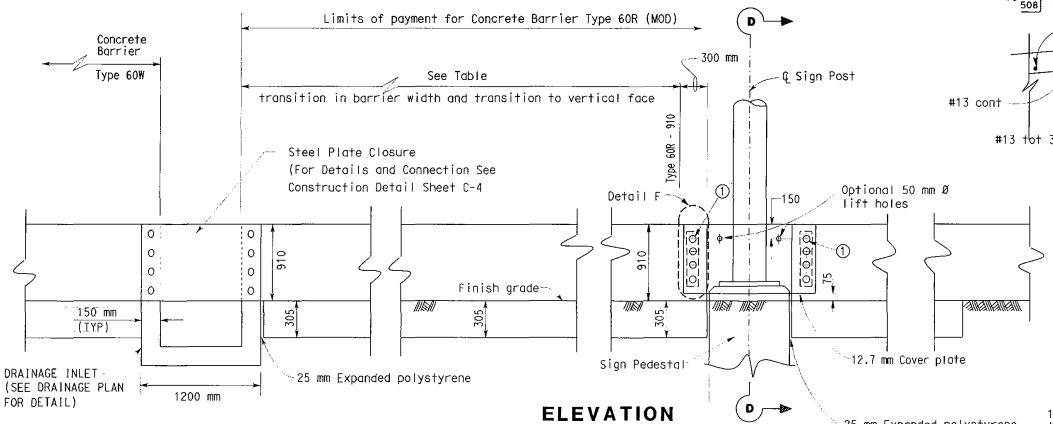
DATE	REVISED BY	DATE REVISED
11/99	DAN TRAN	LEWEN KUO

CALCULATED/DESIGNED BY
CHECKED BY

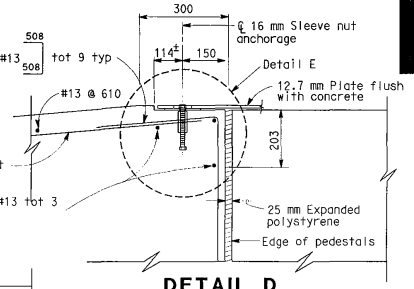
PROJECT ENGINEER
LEWEN KUO

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans PROJECT DEVELOPMENT

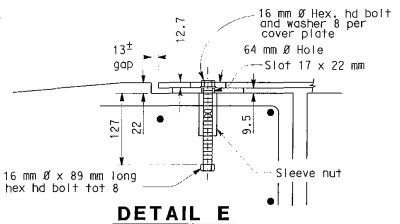
① 16 mm Ø Sleeve nut anchorage (See Detail E) or Resin capsule anchorage (See Alternative Anchorage). A total of 8 anchorage units required per plate. All metal plates to be galvanized after fabrication. Hardware to be galvanized or non-corrosive



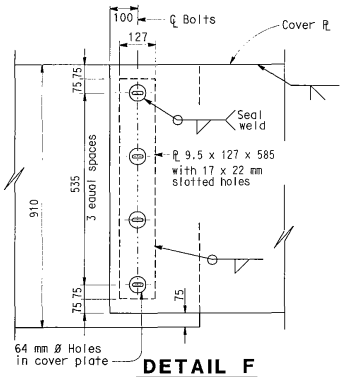
ELEVATION



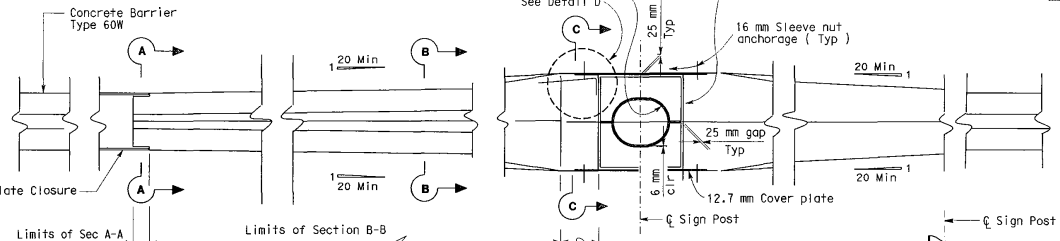
DETAIL D



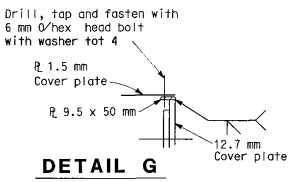
DETAIL E



DETAIL F

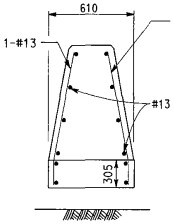


PLAN

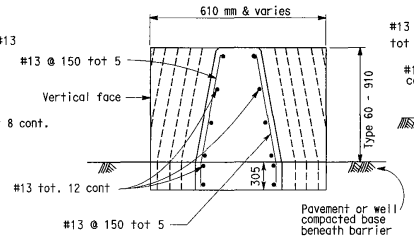


DETAIL G

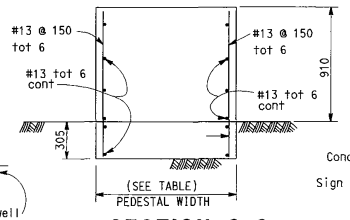
SIGN NO	SIGN POST LOCATION	Pedestal Width	Trans Length
101D	415+15 (FNBT)	0.865m	3.30m
103A	423+55 (FSBT)	1.470m	17.80m
103D	432+50 (FSBT)	1.470m	17.80m
107A	441+35 (FSBT)	1.470m	17.80m
108C	446+25 (FNBT)	0.865m	11.75m
112A	458+00 (FNBT)	1.470m	9.65m
116A	468+10 (FNBT)	1.470m	9.65m
117C	477+85 (FSBT)	0.865m	11.75m



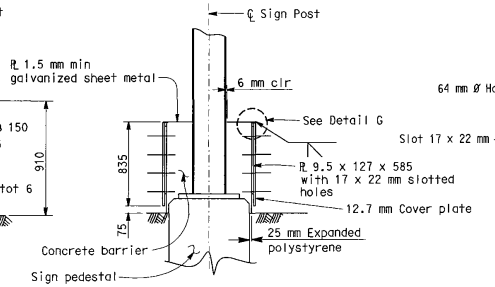
SECTION A-A



SECTION B-B
(CONCRETE BARRIER END ANCHOR)

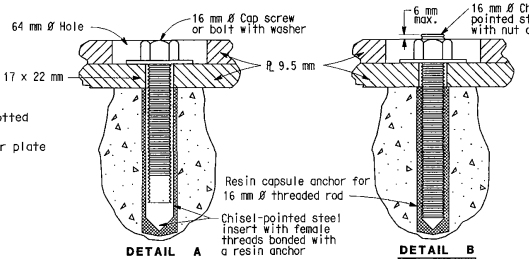


SECTION C-C
(CONCRETE BARRIER END ANCHOR)



SECTION D-D

Note: Concrete Barrier Type 60R (MOD) is symmetrical about ℄ of sign post.



ALTERNATIVE ANCHORAGE

NOTES: 1) Resin capsule anchorage is subject to approval of the Engineer. Installation procedures shall comply with manufacturer's instructions.

2) Detail B similar to Detail A except for anchorage devices.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

CONSTRUCTION DETAILS
CONCRETE BARRIER TYPE 60R (MOD) TRANSITION AT SIGN POST

NO SCALE

C-5

LAST REVISION 00-00-00 DATE PLOTTED = 13-FEB-2004 TIME PLOTTED = 09:37

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME = trphils

CU 07244 FA 1178U1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	CALCULATED/ DESIGNED BY	DAN TRAN	DATE	REVISED BY
Caltrans PROJECT DEVELOPMENT	LEWEN KUO	CHECKED BY	LEWEN KUO		DATE REVISED

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	5,10,60,90,101,105, 134,170,405,605	Var	112	1697

REGISTERED CIVIL ENGINEER 5/15/03

2-02-04

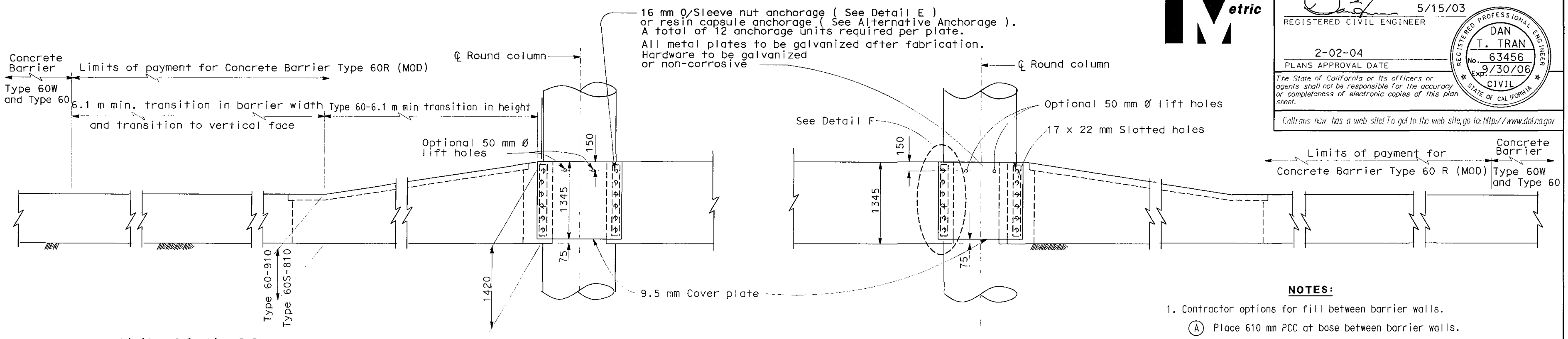
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER DAN T. TRAN No. 63456 Exp. 9/30/06 CIVIL STATE OF CALIFORNIA

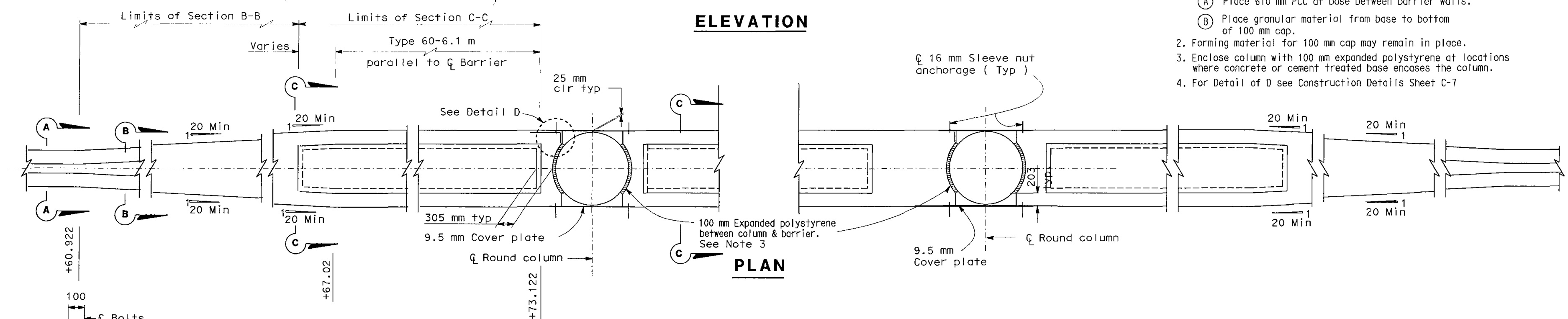
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov

Caltrans Metric



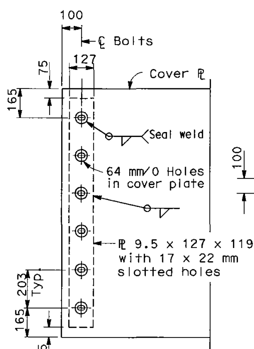
ELEVATION



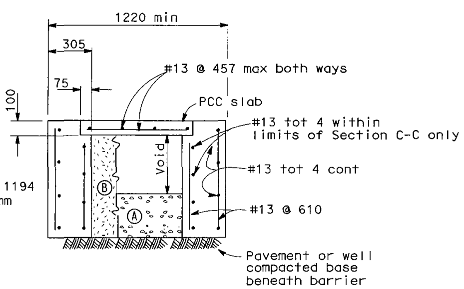
PLAN

NOTES:

1. Contractor options for fill between barrier walls.
   (A) Place 610 mm PCC at base between barrier walls.
   (B) Place granular material from base to bottom of 100 mm cap.
2. Forming material for 100 mm cap may remain in place.
3. Enclose column with 100 mm expanded polystyrene at locations where concrete or cement treated base encases the column.
4. For Detail of D see Construction Details Sheet C-7



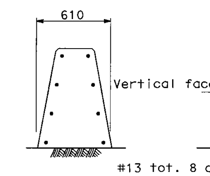
DETAIL F



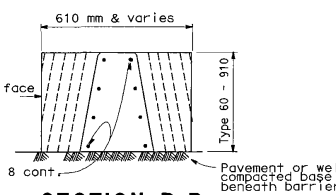
SECTION C-C

LOCATION	BENTS	COLUMN WIDTH "W"	COLUMN TYPE	PLATE
PALMS BLVD OC	4	1.22	C	
RTE 10 TO RTE405 CONNECTOR	1	1.83	C	*

NOTE: C=CIRCULAR
* WIDTH TO BE FIELD MEASURED BEFORE FABRICATION



SECTION A-A



SECTION B-B

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

CONSTRUCTION DETAILS
CONCRETE BARRIER TYPE 60R (MOD) TRANSITION AT COLUMN POST

NO SCALE

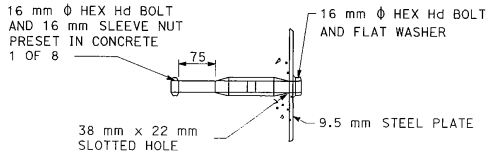
C-6

LAST REVISION 00-00-00 DATE PLOTTED => 11-FEB-2004 TIME PLOTTED => 09:57

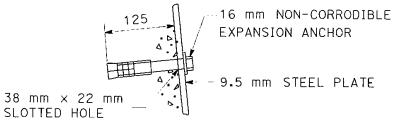
FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trphils

CU 07244 | EA 1178U1

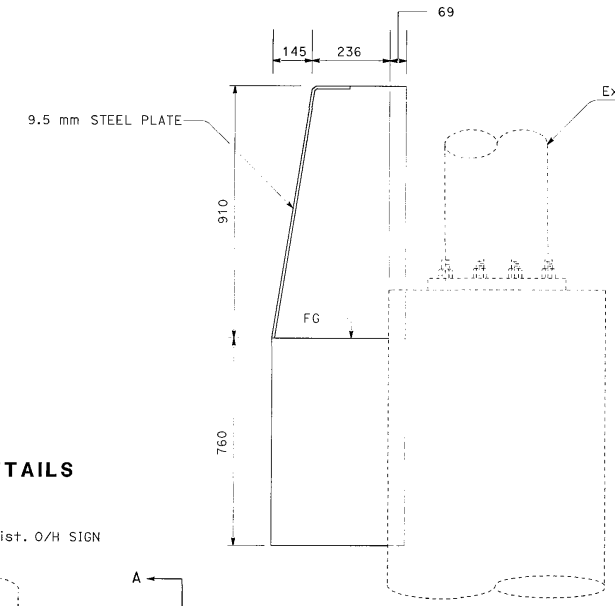


DETAIL "F"

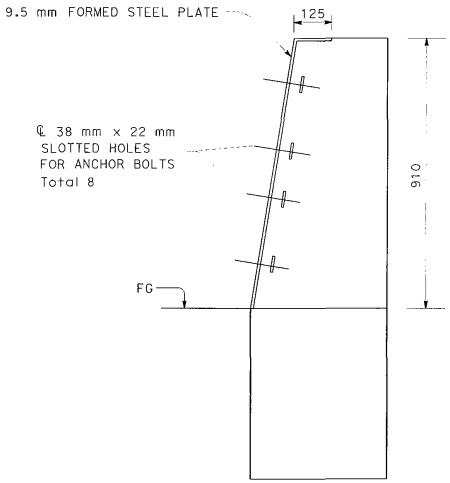


ALTERNATE DETAIL "F"

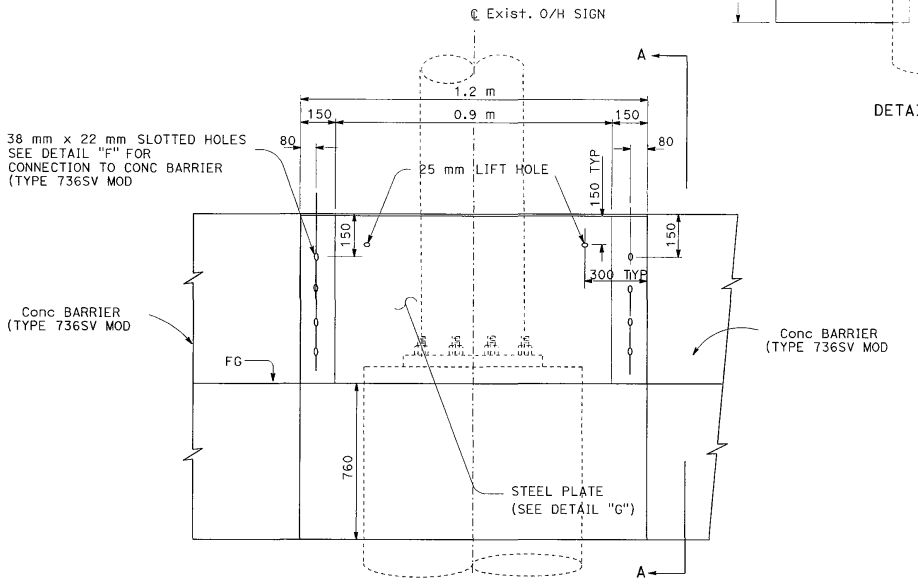
STEEL PLATE CLOSURE ANCHOR BOLT DETAILS



DETAIL "G"

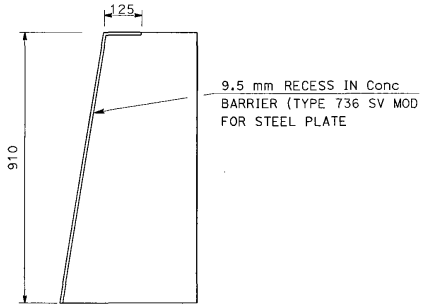


SECTION A-A



ELEVATION

STEEL PLATE CLOSURE DETAIL



RECESS DETAIL

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

CONSTRUCTION DETAILS

NO SCALE

C-18

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	60	R0.2/R48.5	35	248

REGISTERED CIVIL ENGINEER — 3/12/07 DATE

4-16-07
PLANS APPROVAL DATE

MARSHALL YOUNG No. C18909 Exp. 6/30/07 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

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.

To get to the Caltrans web site, go to: http://www.dot.ca.gov

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN
PROJECT ENGINEER JERRY MAR
CALCULATED/DESIGNED BY
CHECKED BY
DATE REVISED BY
DATE REVISED

LAST REVISION 00-00-00 DATE PLOTTED = 20-APR-2007
TIME PLOTTED = 21:45

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trcarol

CU 07380 EA 243901

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
07	Ven,LA	23,118	Var	57	667

Caltrans Metric

REGISTERED CIVIL ENGINEER 9/06/06

10-2-06
PLANS APPROVAL DATE

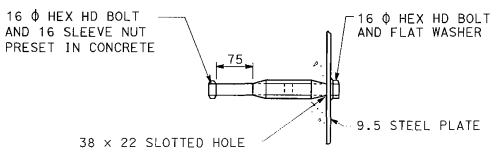
M. Q. FADUL No. C054941 Exp. 6-30-08 CIVIL STATE OF CALIFORNIA

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.

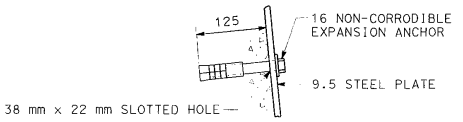
To get to the Caltrans web site, go to: http://www.dot.ca.gov

DATE REVISED BY | DATE REVISED
CALCULATED/DESIGNED BY AINSLEY CHIANG
CHECKED BY M.Q. FADUL
PROJECT ENGINEER M.Q. FADUL

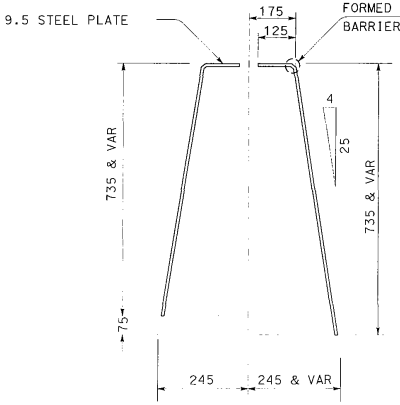
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans PROJECT DEVELOPMENT



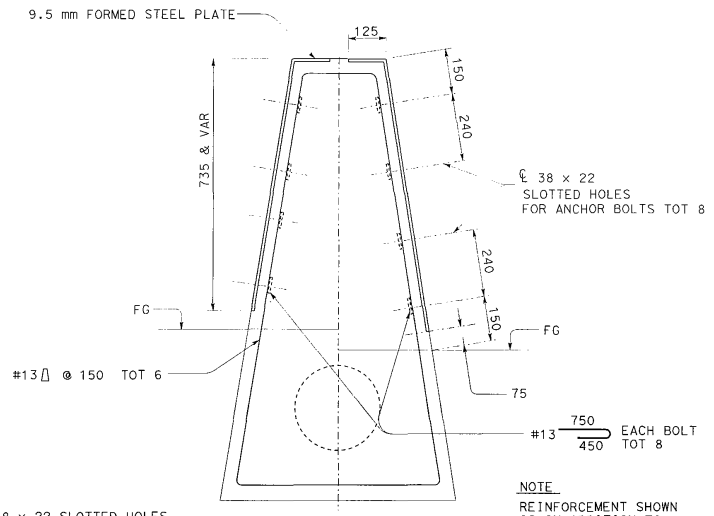
DETAIL "F"



ALTERNATE DETAIL "F"



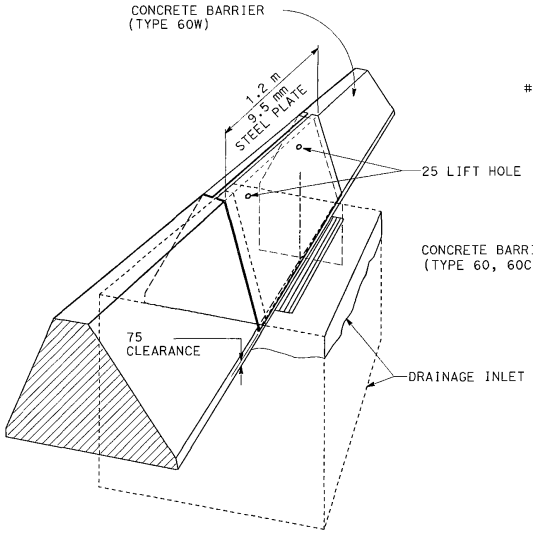
DETAIL "G"

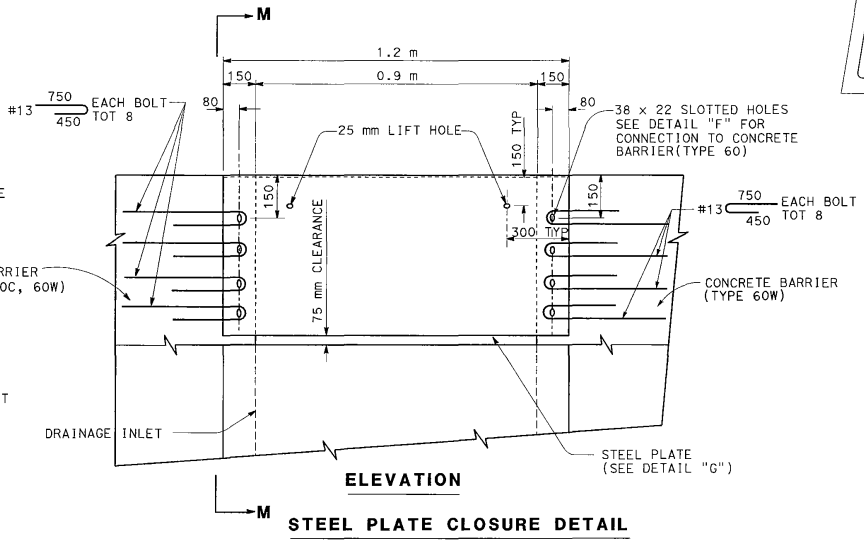


NOTE
REINFORCEMENT SHOWN IS IN ADDITION TO REINFORCEMENT ON C-22

SECTION M-M

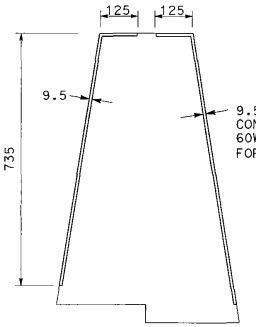
STEEL PLATE CLOSURE ANCHOR BOLT DETAILS





ELEVATION

STEEL PLATE CLOSURE DETAIL



RECESS DETAIL

DETAILS OF CONCRETE BARRIER (TYPE 60W) OVER INLET

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

CONSTRUCTION DETAILS

NO SCALE

C-21

LAST REVISION 00-00-00 | DATE PLOTTED => 06-OCT-2006 | TIME PLOTTED => 15:26

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmitzi

CU 07262 EA 116791