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

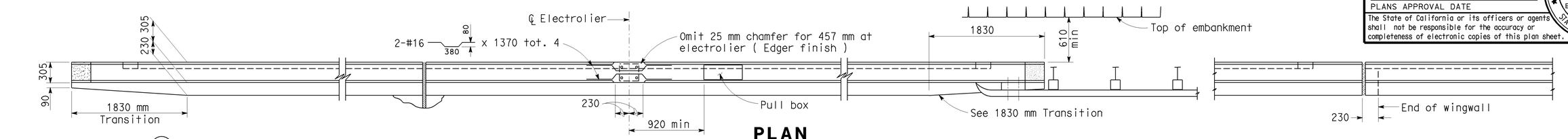
Caltrans Metric

REGISTERED ENGINEER - CIVIL

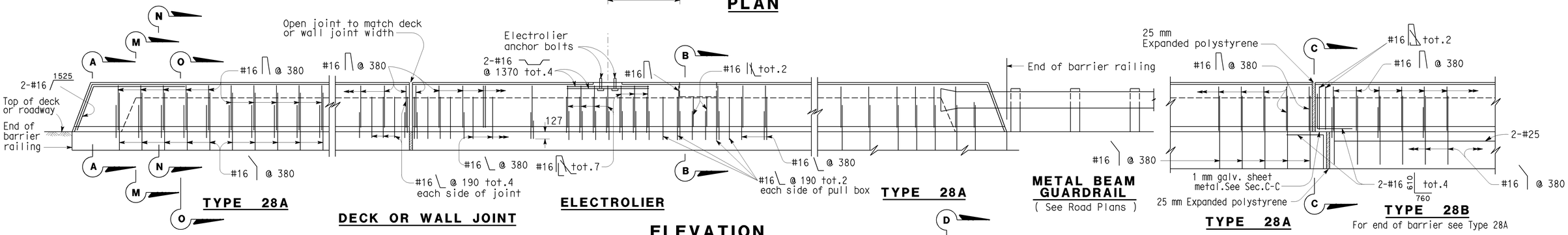
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. 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.

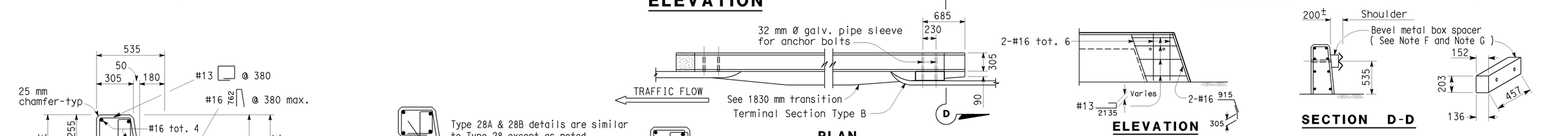


PLAN



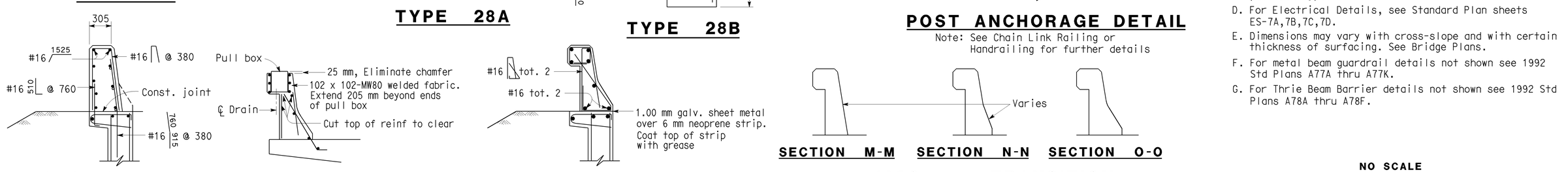
TYPE 28A — DECK OR WALL JOINT — ELECTROLIER — TYPE 28A — METAL BEAM GUARDRAIL (See Road Plans) — TYPE 28A — TYPE 28B For end of barrier see Type 28A

ELEVATION



TYPE 28 — PLAN — ELEVATION — SECTION D-D

METAL BEAM GUARDRAIL ANCHORAGE



TYPE 28A — TYPE 28B — POST ANCHORAGE DETAIL

Note: See Chain Link Railing or Handrailing for further details

SECTION A-A — SECTION B-B — SECTION C-C — SECTION M-M — SECTION N-N — SECTION O-O

1830 mm TRANSITION

NOTES:

A. Walls are to backfilled before barrier is placed.

B. Clearance to reinforcing steel in barrier to be 25 mm, except as noted. Longitudinal reinforcement to stop at all expansion joints.

C. See Project Plans for electrolier locations and pull box type.

D. For Electrical Details, see Standard Plan sheets ES-7A,7B,7C,7D.

E. Dimensions may vary with cross-slope and with certain thickness of surfacing. See Bridge Plans.

F. For metal beam guardrail details not shown see 1992 Std Plans A77A thru A77K.

G. For Thrie Beam Barrier details not shown see 1992 Std Plans A78A thru A78F.

NO SCALE
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

STANDARD DRAWING

RELEASE DATE 6/9/98	DESIGN BY R.W. BISHOP	CHECKED J. HAMAGUCHI	RELEASED BY	
	DETAILS BY R. YEE	CHECKED J. HAMAGUCHI		
FILE NO. xs16-020	SUBMITTED BY J. HAMAGUCHI	DRAWING DATE 2/90	OFFICE CHIEF	

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

BRIDGE NO.

KILOMETER POST

BARRIER - CONCRETE TYPE 28 NO. 1

DS OSD 2147A (METRIC) (REV. 2/25/97)

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100

CU
EA

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY) SHEET OF

USERNAME => jsanchez

xs16-020.dgn

DATE PLOTTED => 16-JAN-2004 TIME PLOTTED => 15:06