

SAS STRUCTURE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



DESIGN OVERSIGHT

BOB ZANDI POUR

CALCULATED/
DESIGNED BY

CHECKED BY

DATE

REVISED BY

DATE

REVISED

DATE

REVISED

CONTRACT CHANGE ORDER NO. _____
SHEET ____ OF ____

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
△	11/23/10	STATE FURNISHED LIGHT POLES	TS	JB	43SI
REVISIONS					



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	144R1	1204

Tyler Lytle
REGISTERED ENGINEER-CIVIL

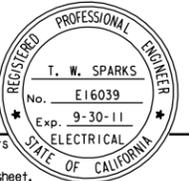
12-6-04

PLANS APPROVAL DATE

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T.Y. LIN / MOFFATT & NICHOL
825 BATTERY STREET
SAN FRANCISCO, CA 94111

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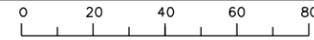
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DETAILS SAS SUPERSTRUCTURE ROADWAY WESTBOUND TYPICAL ROADWAY POLE 2

SCALE AS NOTED

E-85

FOR REDUCED PLANS
ORIGINAL SCALE IN MILLIMETERS



ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN.

FILE => I:\bb\04-012001\sas\contract plans and cco\cco\cco*43s1\ -or\g101\1-23-10\dgn\40120f\ca085.dgn
USERNAME => arivera
CU 0425 | 23-10 | EA 0720F 1

LAST REVISION DATE PLOTTED => 23 NOV 2010
04-19-00 TIME PLOTTED => 14:09:17

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DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	146R1	1204

Tyler Grant
REGISTERED ENGINEER-CIVIL



12-6-04
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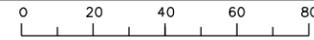
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△	11/23/10	STATE FURNISHED LIGHT POLES	TS	JB	43SI
REVISIONS					

DETAILS
SAS SUPERSTRUCTURE ROADWAY WESTBOUND
TYPICAL ROADWAY POLE 4

SCALE AS NOTED

E-87

FOR REDUCED PLANS
ORIGINAL SCALE IN MILLIMETERS



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SAS STRUCTURE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



DESIGN OVERSIGHT

BOB ZANDI POUR

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CHECKED BY

DATE

10/00

REVISED BY

DATE REVISED

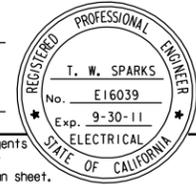
DATE

10/00



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	147R1	1204

Tyler Lytle
REGISTERED ENGINEER-CIVIL



12-6-04

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REVISIONS					

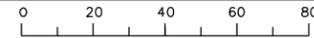
DETAILS SAS SUPERSTRUCTURE ROADWAY WESTBOUND TYPICAL ROADWAY POLE 5

SCALE AS NOTED

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

E-88

FOR REDUCED PLANS ORIGINAL SCALE IN MILLIMETERS



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CU 8425 | 11-23-10 | EA 0120F1

LAST REVISION DATE PLOTTED => 23 NOV 2010
04-19-00 TIME PLOTTED => 14:01:48

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



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DATE



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	148R1	1204

Tyler Lytle
REGISTERED ENGINEER-CIVIL



12-6-04
PLANS APPROVAL DATE

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SHEET ____ OF ____

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE.

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REVISIONS					

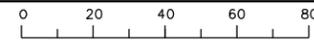
DETAILS
SAS SUPERSTRUCTURE ROADWAY WESTBOUND
TYPICAL ROADWAY POLE 6

SCALE AS NOTED

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

E-89

FOR REDUCED PLANS ORIGINAL SCALE IN MILLIMETERS



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USERNAME => DWInrow
CU 8425 | 11-23-10 | EA 0120F1

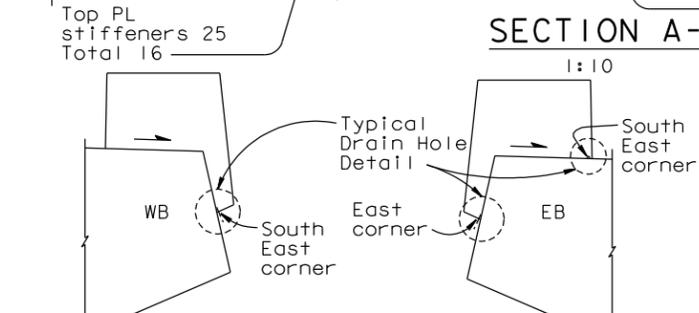
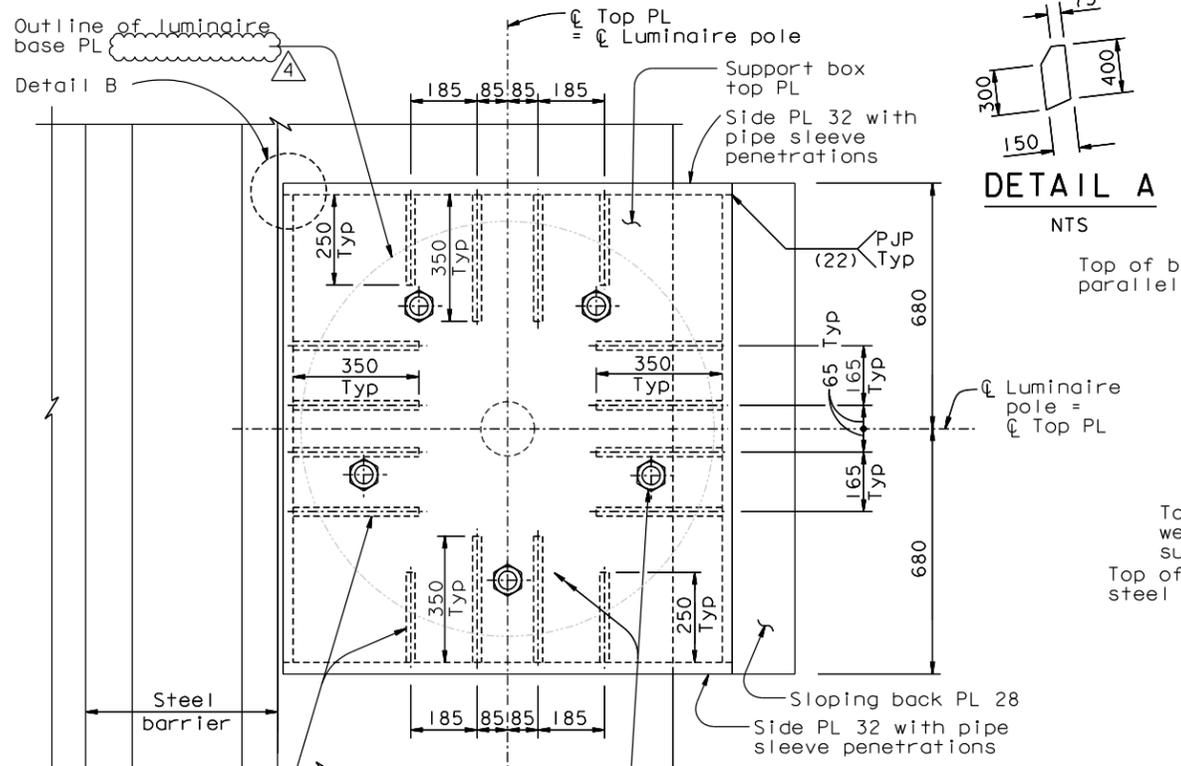
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04-19-00 TIME PLOTTED => 14:02:32



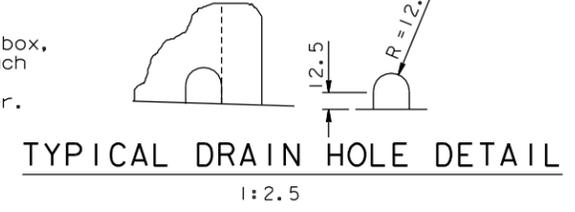
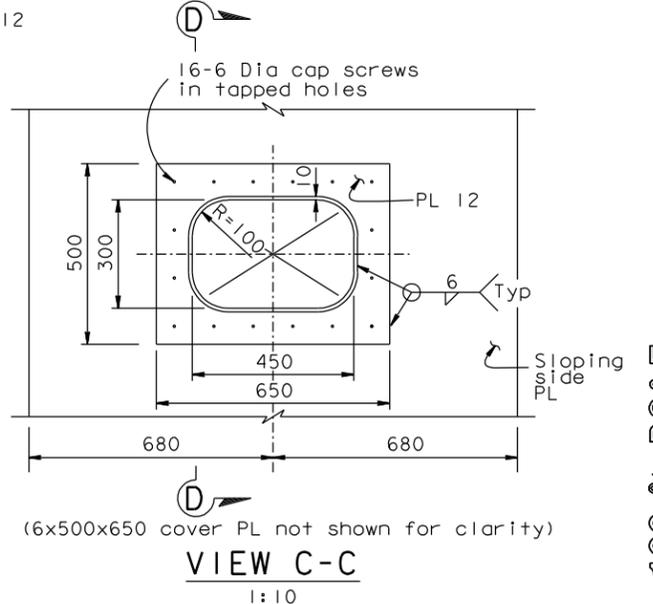
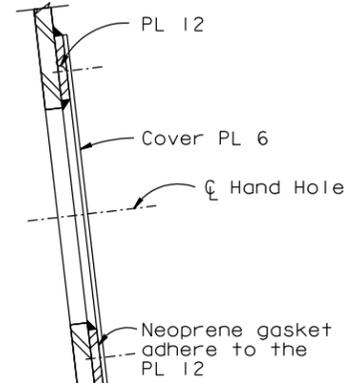
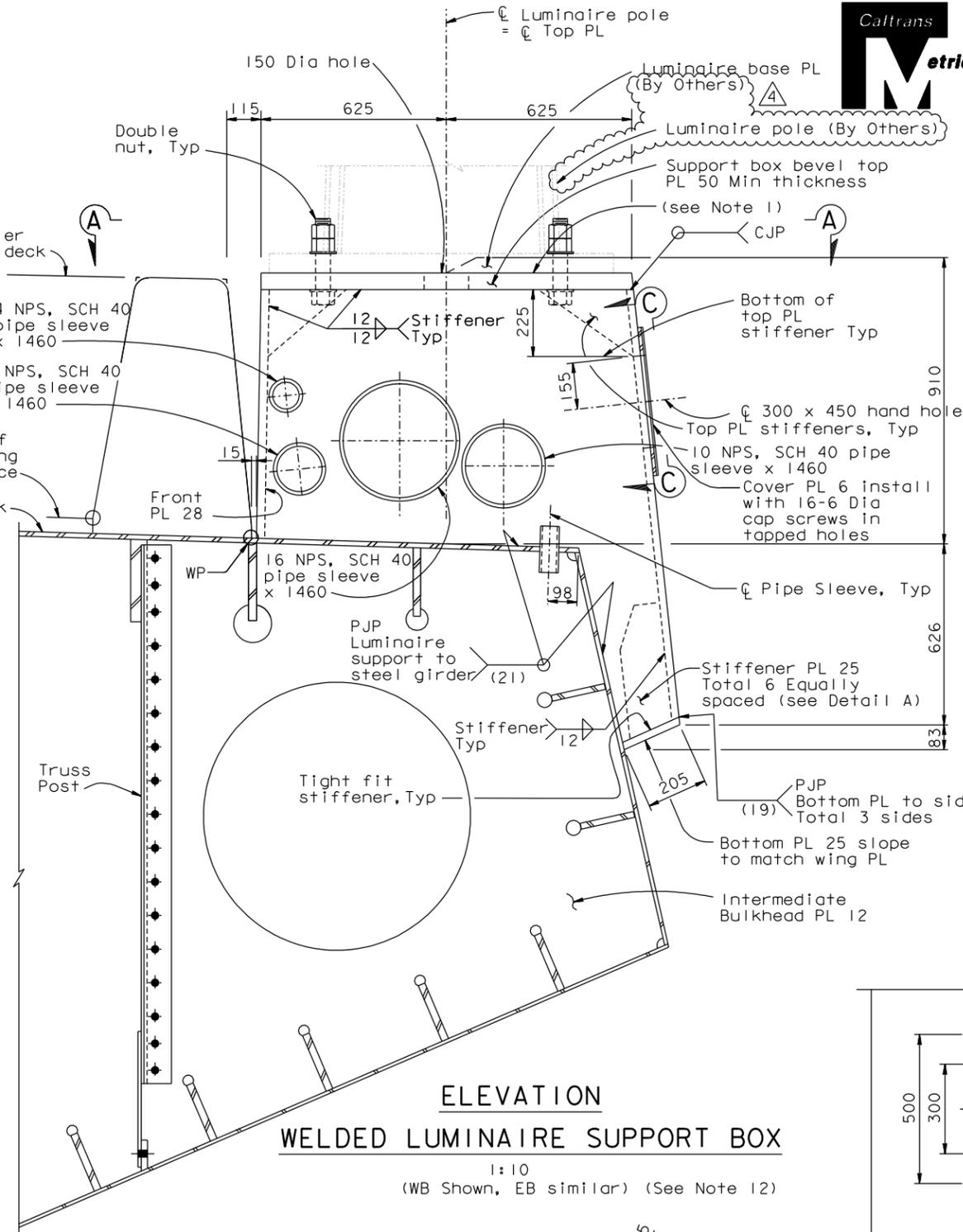
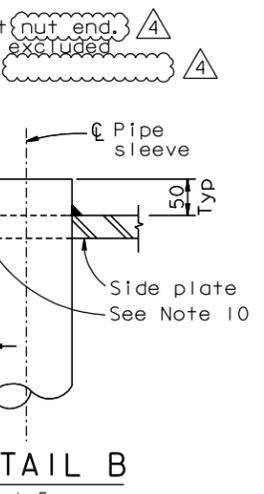
DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	904R4	1204

REGISTERED ENGINEER - CIVIL
 Tien Hung Ho
 No. C 43990
 Exp. 06/30/11
 CIVIL
 STATE OF CALIFORNIA

PLANS APPROVAL DATE
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- NOTES:**
- Surfaces of plates shall be milled level to ensure bearing.
 - For location of pipe sleeves, see "Road Plans".
 - The Contractor shall submit for approval by the Engineer details of conduit penetration through deck plate. Conduit penetration details shall be completely sealed to ensure no water leakage into support box.
 - For Geometry of luminaire base plate, conduit openings and locations of bolts, see "Road Plans".
 - For details of utilities opening through luminaire support box, see "Road Plans".
 - Pipe sleeves shall be completely sealed at support box side plates to ensure no water leakage into support box.
 - For location of luminaire, see "Road Plans" sheets.
 - Pipe sleeves shall typically be concentric with the carried utility line. For utility locations, see the "Road Plans". For 4 NPS pipe sleeve, place the sleeve with 0 gap at the face of support box front plate, and aligned vertically on the utility line.
 - The side plates are normal to the deck.
 - Grind weld flush at pipe sleeve.
 - Pipe sleeve locations for pedestals @ PP 119 and sign post, see "Road Plans".



12. At locations where cable railing interferes with luminaire support box, terminate railing at eye bolts, each side of support box, subject to review and approval of the Engineer.

CONTRACT CHANGE ORDER NO. _____
SHEET _____ OF _____

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE					
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
4	11/23/10	STATE FURNISHED LIGHT POLES	TH	AB	43SI
4	10/31/08	BARRIER MODIFICATIONS	GB	TH	44
4	06/13/08	BARRIER MODIFICATIONS	GB	TH	44
4	08/24/07	BARRIER MODIFICATIONS	GB	TH	44

DESIGN	BY	CHECKED
BY	T. Ho	C. Redfield
DETAILS	R. Xu	C. Redfield
QUANTITIES	C. Mauch	K. Cormier

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

R. Manzanarez PROJECT ENGINEER	BRIDGE NO. 34-0006L/R
CU 04 EA 0120F1	KILOMETER POST 13.2/13.9

SAN FRANCISCO OAKLAND BAY BRIDGE EAST SPAN SEISMIC SAFETY PROJECT	
SELF-ANCHORED SUSPENSION BRIDGE (SUPERSTRUCTURE & TOWER)	
LUMINAIRE SUPPORT DETAILS NO. 1	
REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
05/27/01 07/01/02 12/25/02 11/13/05	487R4

Rev. Date: 5-18-98

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

DISREGARD PRINTS BEARING EARLIER REVISION DATES

FILE => I:\bb\04-012001\sas\contract plans and cco\cco\cco43s1\1-or1g1nal 11-23-10\dgn\ak1h08.dgn

100% P&E DATE PLOTTED -> 23 NOV 2010 TIME PLOTTED -> 14:03:58 USERNAME -> DWInrow

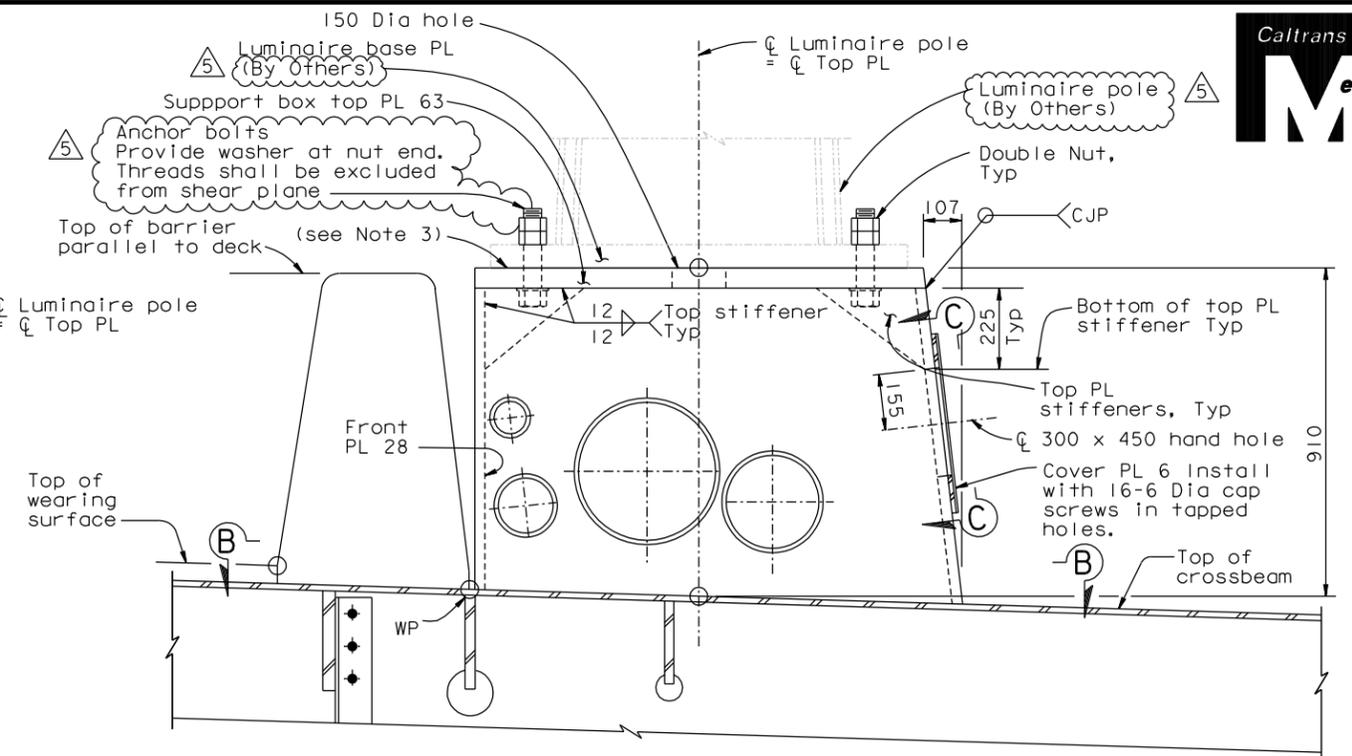
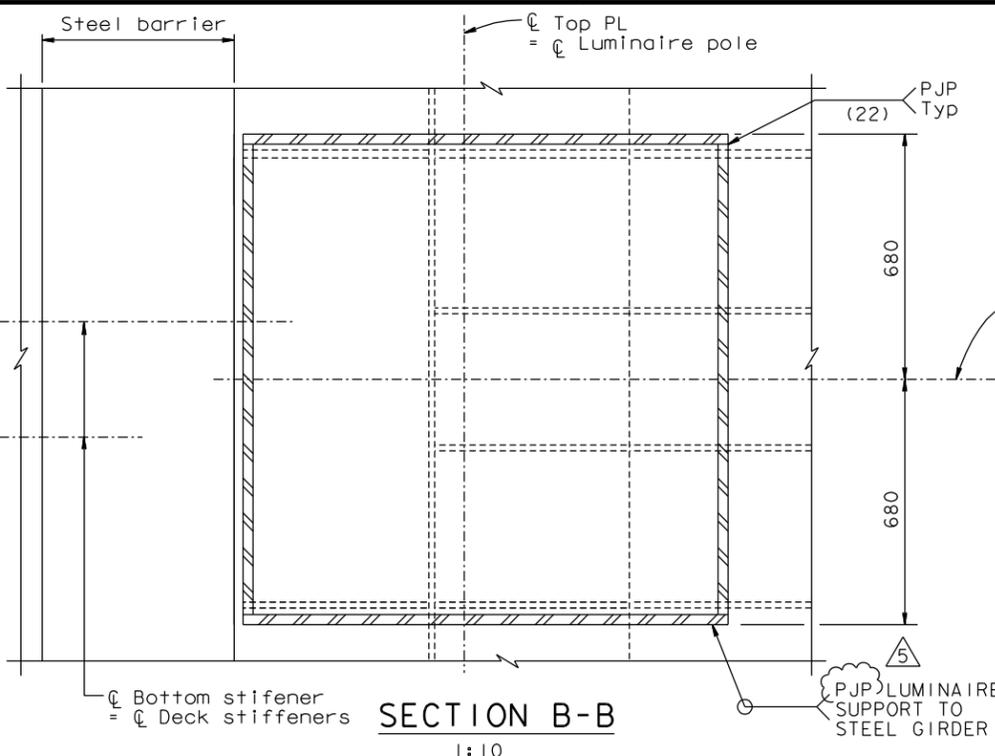


DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	905R5	1204

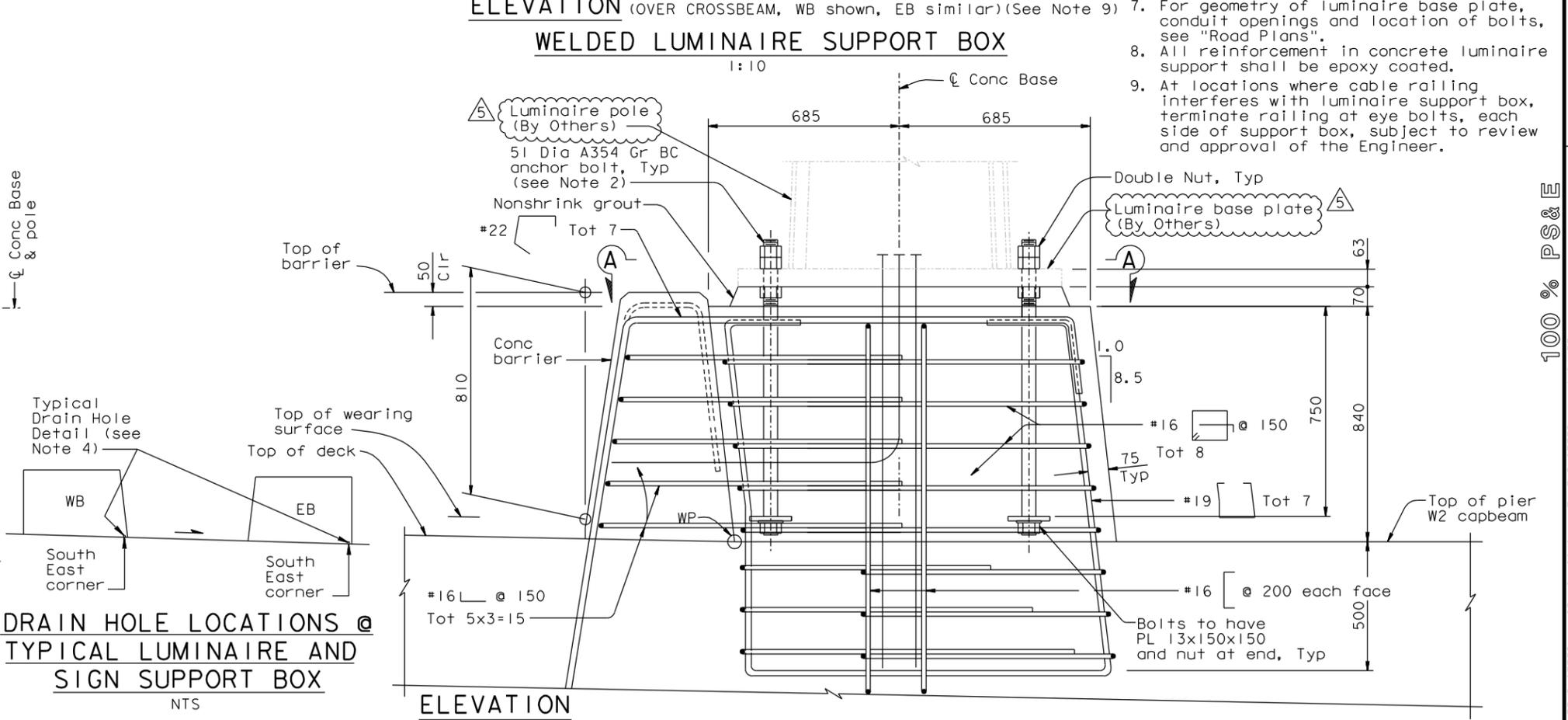
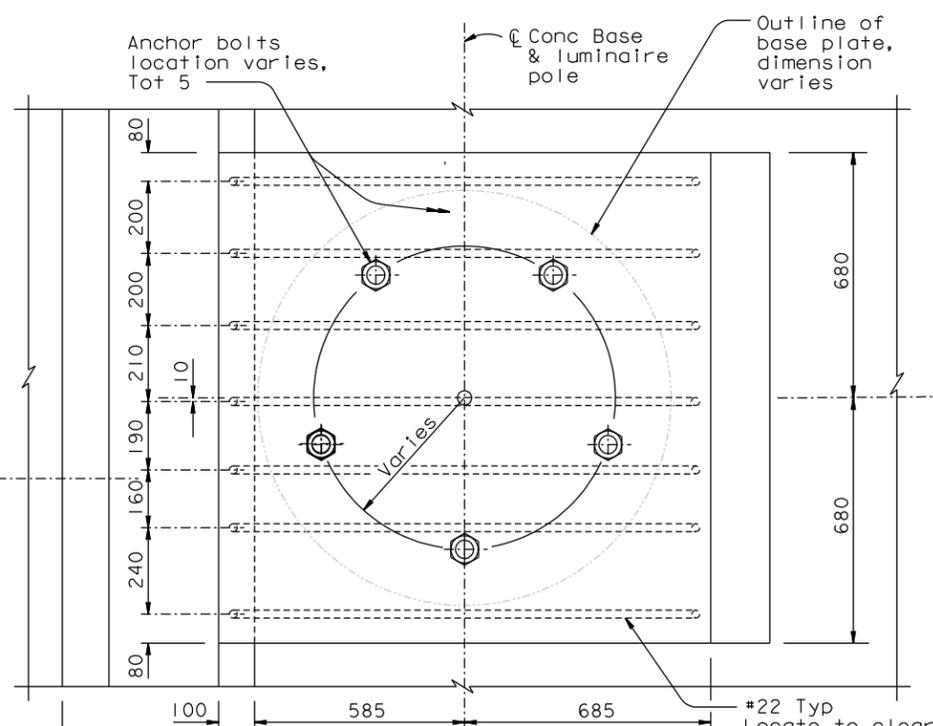
Tien Hung Ho
 REGISTERED ENGINEER - CIVIL
 12-6-04
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- NOTES:
- For dimensions and details not shown, see "Luminaire Support Details No.1" sheet.
 - Anchor rods at the base PL connection shall be tensioned to 0.5Fy.
 - Surfaces of plates shall be milled level to ensure bearing.
 - For View C-C and Typical Drain Hole Detail, see "Luminaire Support Details No.1" sheet.
 - The Contractor shall submit for approval by the Engineer details of conduit penetration through deck plate. Conduit penetration details shall be completely sealed to ensure no water leakage into support box.
 - For location of luminaire, see "Road Plans" sheets.
 - For geometry of luminaire base plate, conduit openings and location of bolts, see "Road Plans".
 - All reinforcement in concrete luminaire support shall be epoxy coated.
 - At locations where cable railing interferes with luminaire support box, terminate railing at eye bolts, each side of support box, subject to review and approval of the Engineer.



DRAIN HOLE LOCATIONS @ TYPICAL LUMINAIRE AND SIGN SUPPORT BOX
 NTS

SECTION A-A
 1:10
CONTRACT CHANGE ORDER NO. _____
SHEET _____ OF _____

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

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△	11/23/10	STATE FURNISHED LIGHT POLES	TH	AB	43SI
△	10/31/08	BARRIER MODIFICATIONS	TH	JD	44
△	06/13/08	BARRIER MODIFICATIONS	TH	JD	44
△	08/24/07	BARRIER MODIFICATIONS	TH	JD	44
△	07/21/06	W2 CAP BEAM ISD	JD	NV	23

DESIGN	BY T. Ho	CHECKED C. Redfield
DETAILS	BY R. Xu	CHECKED C. Redfield
QUANTITIES	BY C. Mauch	CHECKED K. Cormier

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION
 R. Manzanarez
 PROJECT ENGINEER
 BRIDGE NO. 34-0006L/R
 KILOMETER POST 13.2/13.9

SAN FRANCISCO OAKLAND BAY BRIDGE EAST SPAN SEISMIC SAFETY PROJECT SELF-ANCHORED SUSPENSION BRIDGE (SUPERSTRUCTURE & TOWER)
LUMINAIRE SUPPORT DETAILS NO. 2

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
 DESIGN OVERSIGHT
 SIGN OFF DATE 11/23/10

Rev. Date: 5-18-98

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

CU 04
 EA 0120F1

DISREGARD PRINTS BEARING EARLIER REVISION DATES
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