DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	531R1	1204

Caltrans Metric

REGISTERED ENGINEER - CIVIL

12-6-04
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Marwan N. Nader No. C 054426 Exp. 12/31/11 CIVIL STATE OF CALIFORNIA

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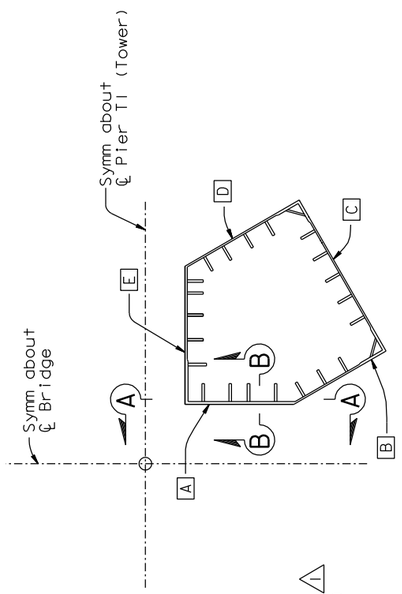
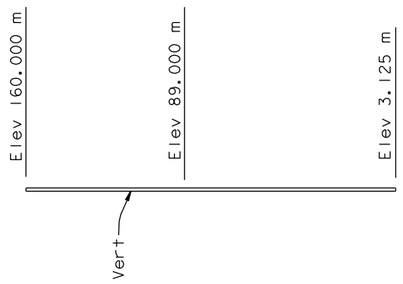
T.Y. LIN / MOFFATT & NICHOL
825 BATTERY STREET
SAN FRANCISCO, CA 94111

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



KEY PLAN



SECTION B-B
(Profile of Skin Plate "A")
(Longitudinal stiffener plates not shown for clarity)
Horiz=1:120
Vert =1:1200

Table 1

STIFFENER DESIGNATION	CUTOFF ELEVATION (m)
A1	144.000
A2	144.000
A3	144.000
A4	144.000

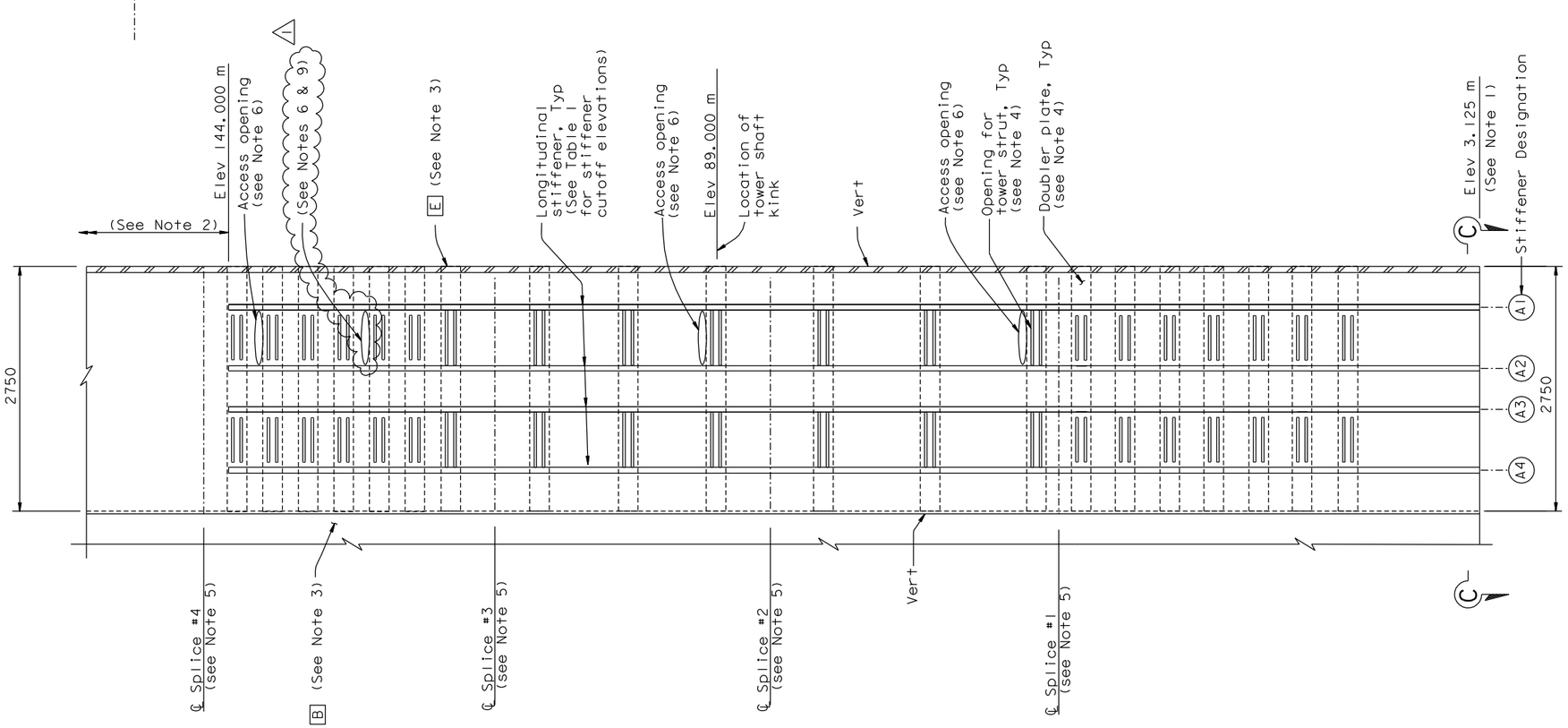
Table 2

ELEVATION (m)	SKIN PL THICKNESS (mm)
3.125-30.000	70
30.000-144.000	90

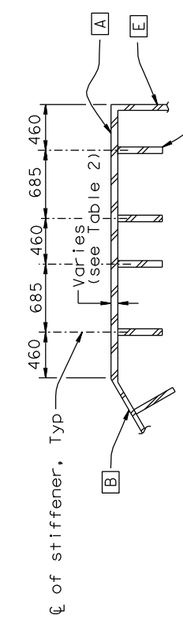
Table 3

ELEVATION (m)	TYPICAL STIFFENER SIZE (mm x mm)	STIFFENER A1 SIZE (mm x mm)
3.125-47.000	65x450	65x450
47.000-121.000	75x520	75x375
121.000-144.000	65x450	65x250

(See Note 7)



SECTION A-A
(Elevation of Skin Plate "A")
Horiz=1:30
Vert =1:300



SECTION C-C
(Partial plan of Skin Plate "A")
1:30
(See Note 8)

NOTES:

1. For tower anchorage details (not shown for clarity), see "Tower Anchorage Details" sheets.
2. For tower saddle grillage and tower head details (not shown for clarity), see "Tower Saddle Grillage Details" and "Tower Head Details" sheets.
3. Longitudinal stiffeners on tower skin PL B & E not shown for clarity.
4. For tower strut and doubler plate opening, see "Tower Shaft Details No.10" sheet.
5. For tower shaft splice details, see "Tower Splice Details" sheets.
6. For access openings details, see "Tower Access Details" sheets.
7. For longitudinal stiffener transition at tower splices, see sheets "Tower Splice Details No.7", "Tower Splice Details No.12", "Tower Splice Details No.17", and "Tower Splice Details No.19".
8. Anchorage bearing stiffener plates are not shown for clarity. For details see "Tower Anchorage Details" sheets.
9. Provide additional access openings at locations shown.

100 % PS&E

CONTRACT CHANGE ORDER NO. ____
SHEET ___ OF ___

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
Y. Liu
SIGN OFF DATE 08/19/11

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	08/19/11	ELEVATOR DETAILS	TH	MN	85

REVISIONS

	BY	CHECKED
DESIGN	M. Nader	M. Gulyas
DETAILS	L. Rus	M. Gulyas
QUANTITIES	L. Rus	Y. Zhang

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)

TOWER SHAFT DETAILS NO. 3

Rev. Date: 5-18-98

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

CU 04
EA 0120F1

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY) 05/15/99 08/02/99 05/31/01 04/08/02 07/01/02 12/18/02 11/13/05

SHEET 114R1 OF

FILE => I:\bb\04-012001\sas\contract plans and cco\cco\cco*85\4-revision 08-19-11\dgn\aet1d03.dgn

USERNAME => DWinrow DATE PLOTTED => 19 AUG 2011 TIME PLOTTED => 14:21:50