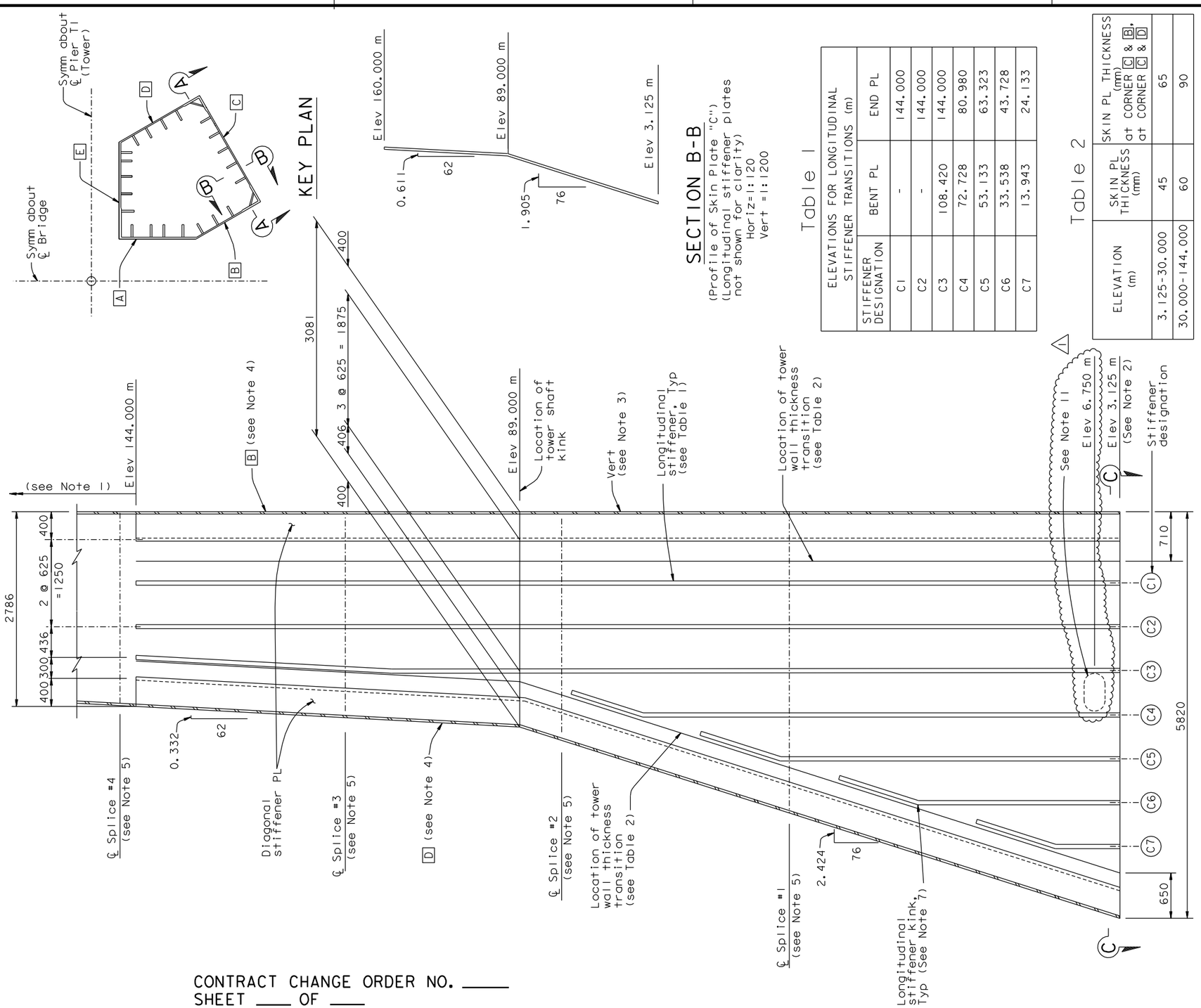

Table 1

ELEVATIONS FOR LONGITUDINAL STIFFENER TRANSITIONS (m)		
STIFFENER DESIGNATION	BENT PL	END PL
C1	-	144.000
C2	-	144.000
C3	108.420	144.000
C4	72.728	80.980
C5	53.133	63.323
C6	33.538	43.728
C7	13.943	24.133

Table 2

ELEVATION (m)	SKIN PL THICKNESS (mm)	SKIN PL THICKNESS (mm) at CORNER C & B, at CORNER C & D
3.125-30.000	45	65
30.000-144.000	60	90

Table 3

ELEVATION (m)	STIFFENER SIZE (mm x mm)
3.125-47.000	60x400
47.000-121.000	70x460
121.000-144.000	60x400

(See Note 8)

NOTES:

1. For tower saddle grillage and tower head details (not shown for clarity), see "Tower Saddle Grillage Details" and "Tower Head Details" sheets.
2. For tower anchorage details (not shown for clarity), see "Tower Anchorage Details" sheets.
3. The referenced edge of this plane is vertical in elevation only. This edge is not orthogonal to a horizontal plane.
4. Longitudinal stiffeners on tower skin PL B & D not shown for clarity.
5. For tower shaft splice details, see "Tower Splice Details" sheets.
6. For details of diagonal stiffener to tower skin plate connection, see Detail A on "Tower Splice Details No.2" sheet.
7. For longitudinal stiffener taper and kink details, see "Tower Splice Details No.2" sheet.
8. For longitudinal stiffener transition at tower splice, see "Tower Splice Details No.7", "Tower Splice Details No.12", "Tower Splice Details No.17" and "Tower Splice Details No.19" sheets.
9. Anchorage bearing stiffener plates are not shown for clarity. For details see "Tower Anchorage Details" sheets.
10. For longitudinal stiffener kink at elevation 89.000 m see "Tower Diaphragm Details No.10" sheet.
11. At the Contractor's option, temporary access opening may be provided at location shown. The opening shall be closed with fill plate which shall be identical to the skin plate. The fill plate shall be CJP welded all around.

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

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	533R1	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

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.

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

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
Ryan Valizadeh / Vong Toan / Y. Liu
SIGN OFF DATE 12/10/10

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	12/10/10	MISCELLANEOUS ELEVATOR DETAILS	TH	MN	174

REVISIONS

DESIGN	BY M. Nader	CHECKED M. Gulyas	
DETAILS	BY L. Rus	CHECKED M. Gulyas	
QUANTITIES	BY L. Rus	CHECKED 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.5

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 07/09/02 12/19/02

SHEET 116R1 OF

FILE => I:\bb\04-012001\sas\contract plans and cco\cco\cco#174\1-original 12-10-10\dgn\det1d05.dgn

USERNAME => DWinrow DATE PLOTTED => 10 DEC 2010 TIME PLOTTED => 09:48:45