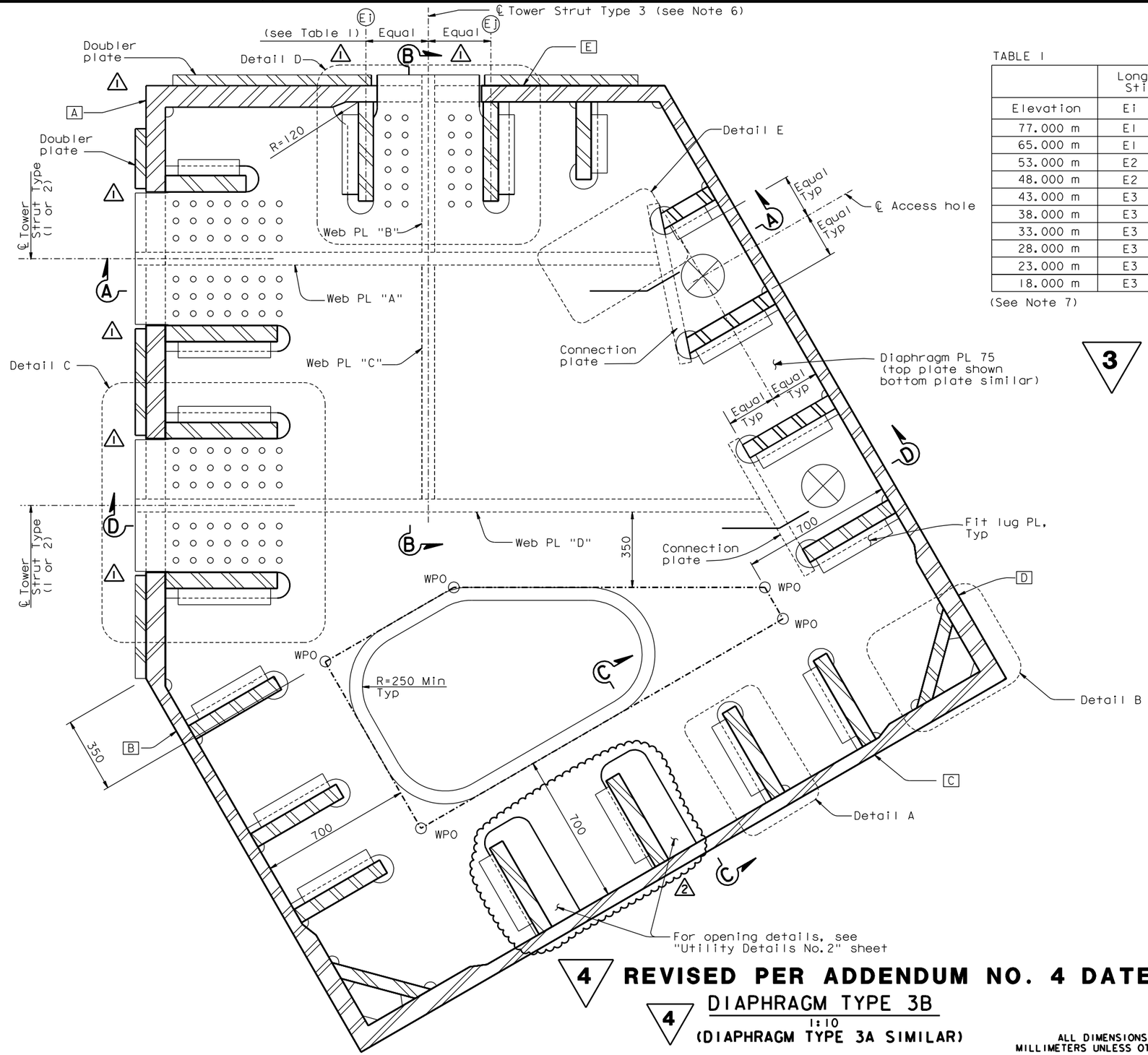

TABLE 1

	Longitudinal Stiffener	
Elevation	Ei	Ej
77.000 m	E1	E2
65.000 m	E1	E2
53.000 m	E2	E3
48.000 m	E2	E3
43.000 m	E3	E4
38.000 m	E3	E4
33.000 m	E3	E4
28.000 m	E3	E4
23.000 m	E3	E4
18.000 m	E3	E4

(See Note 7)

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	580R2	1204

Caltrans Metric

REGISTERED ENGINEER - CIVIL

12-6-04

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Marwan N. Nader No. C 054426 Exp. 12/31/07 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

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

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
2	09/07/07	ELECTRICAL MODIFICATIONS	NV	MN	42
1	06/23/06	NOTE FOR WEB PLATE LINES	MN	NV	21

REVISIONS

CONTRACT CHANGE ORDER NO. _____
SHEET ____ OF ____

3 REVISED PER ADDENDUM NO. 3 DATED NOVEMBER 7, 2005

LEGEND:

- E — Skin Plate Designation
- WPO — Geometric working point for diaphragm opening
- -·-·- Working lines for diaphragm opening
- ⊗ Access hole 200 Dia

NOTES:

1. For Details A and B, see "Tower Diaphragm Details No.6" sheet.
2. For Details C and D, see "Tower Diaphragm Details No.7" sheet.
3. For Detail E, see "Tower Diaphragm Details No.12" sheet.
4. For Sections A-A, B-B and C-C see "Tower Diaphragm Details No.8" sheet.
5. For location and details of tower access, see "Tower Access Details" sheets.
6. For location of tower strut type 3, see "Tower Shaft Details No.7" and "Tower Strut Details No.1" sheets.
7. For utilities inside tower shaft, see "Road Plans".
8. For Section D-D, see "Tower Diaphragm Details No.10" sheet.
9. Web plates shown in dashed lines for clarity. For details, see "Tower Diaphragm Details No.8" sheet.

4 REVISED PER ADDENDUM NO. 4 DATED DECEMBER 9, 2005

4 DIAPHRAGM TYPE 3B
1:10
(DIAPHRAGM TYPE 3A SIMILAR)

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

SAN FRANCISCO OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT
SELF-ANCHORED SUSPENSION BRIDGE
(SUPERSTRUCTURE & TOWER)

TOWER DIAPHRAGM DETAILS NO.5

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
Roger Valizadeh / Vong Toan / Y. Liu
SIGN OFF DATE 09/07/07

	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

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) 08/02/99 05/31/01 04/08/02 07/01/02 12/19/02 10/13/05 11/13/05

SHEET 163R2 OF

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