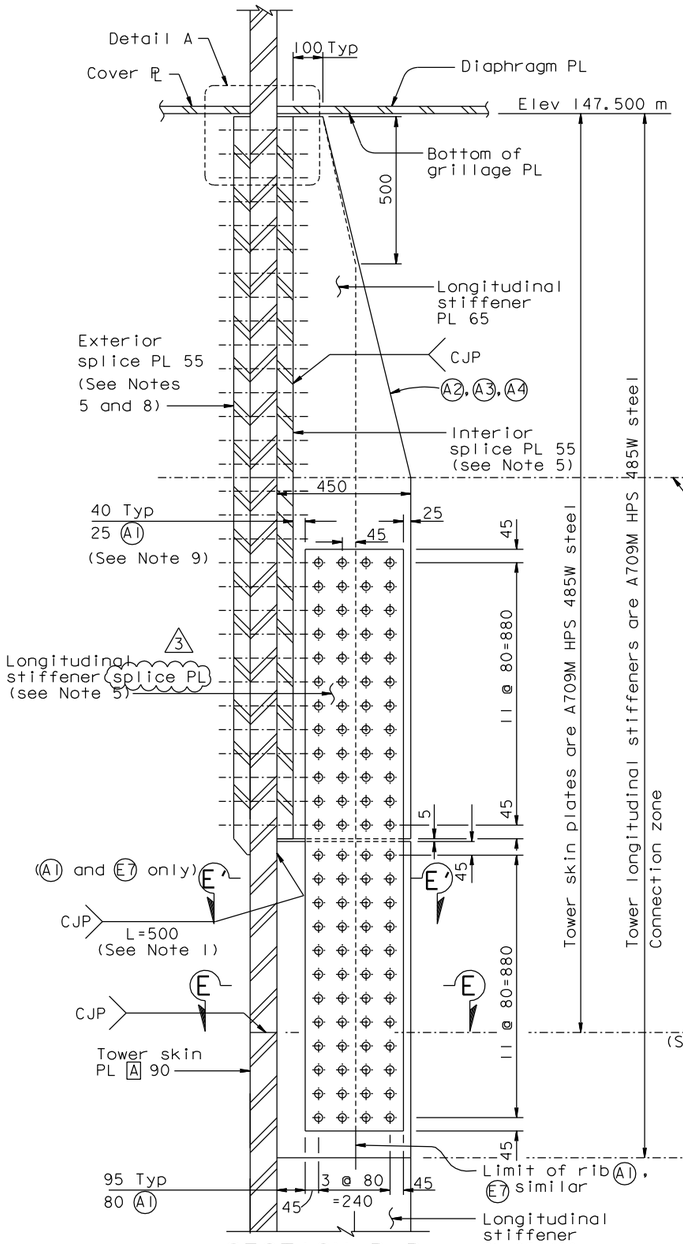
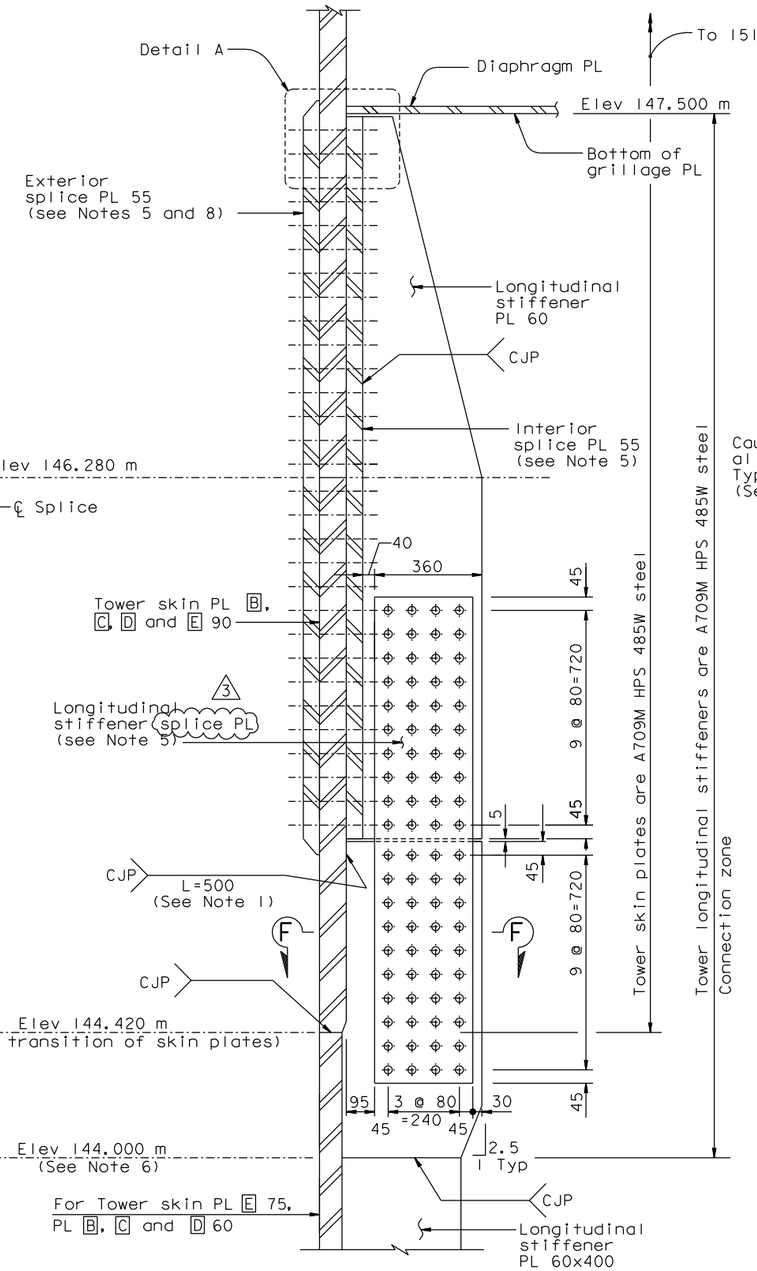


SECTION B-B

1:10

TOWER SKIN PLATE A

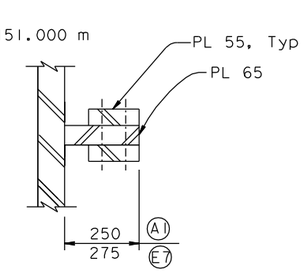


SECTION C-C (Section D-D similar)

1:10

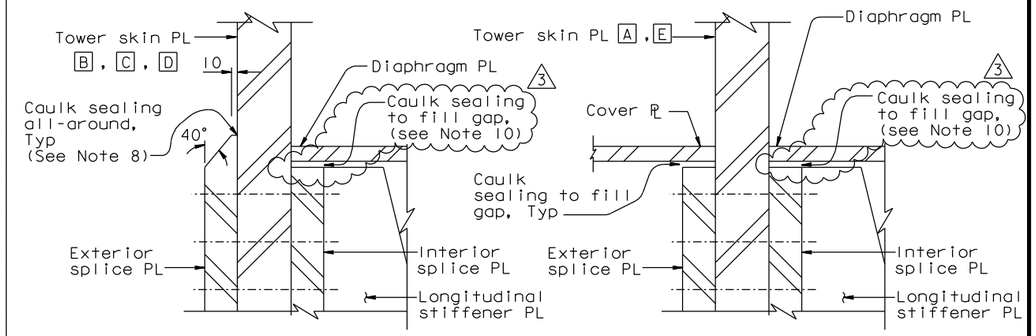
TOWER SKIN PLATE B TO E

(Except E7)



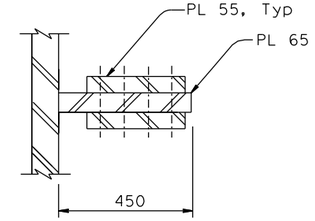
SECTION E'-E' (A1 and E7 only)

1:10



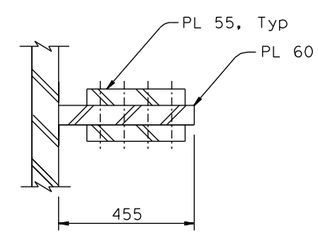
DETAIL A (see Note 7)

1:5



SECTION E-E (A2, A3, A4)

1:10



SECTION F-F

1:10

LEGEND:

M27 A490-X HS Bolt

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

NOTES:

1. Weld of longitudinal stiffener to the tower shaft skin plates beyond the length indicated shall be in accordance with Table 1 in "Tower Splice Details No.2" sheet.
2. Longitudinal stiffeners for skin plate "A" are 450 deep UNO. Longitudinal stiffeners for skin plates "B" through "E" are 455 deep UNO.
3. For tower grillage details, see "Tower Saddle Grillage Details" sheets.
4. For tower plate and stiffener sizes above elevation 144.000 m, see "Tower Saddle Grillage Details" sheets.
5. For splice #4, splice plates shall be A709M HPS 485W steel.
6. Elevation 144 corresponds to the change of stiffener size, see "Tower Shaft Details" sheets.
7. Longitudinal stiffeners B1 and D4 shall be coped at the top as shown on "Tower Saddle Grillage Details No.7" sheet.
8. Caulk sealing shall be applied around the perimeter (horizontal and vertical edges) of all exterior splice plates.
9. To facilitate installation of the bolted splice for longitudinal stiffener A1, the Contractor may use counterbore for the bolt head in the interior splice plate for the first bolt row on each side of the longitudinal stiffener. Each counterbore shall be 60 mm Dia and 10 mm deep. See Detail A on "Tower Splice Details No.16" sheet.
10. Caulk sealing shall be applied along the exposed upper horizontal edge and exposed vertical edges of all interior splice plates. For upper horizontal edges, caulk sealing shall fill the gap between the diaphragm plates and interior splice plates.

CONTRACT CHANGE ORDER NO. ____
SHEET ___ OF ___

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
3	08/10/12	TOWER CAULKING	NV	MN	256
2	07/07/08	CAULKING	MN	NV	66
1	06/23/06	LONG. STIFFENER GAP & MISC.	MN	NV	21

REVISIONS

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
Y. Liu
SIGN OFF DATE 08/10/12

	BY	CHECKED
DESIGN	M. Nader	M. Gulyas
DETAILS	R. Kanitkar	M. Gulyas
QUANTITIES	R. Kanitkar	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 SPLICE DETAILS NO. 19

Caltrans Metric

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	558R3	1204

REGISTERED ENGINEER - CIVIL
1-27-03
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Marwan N. Nader No. C 054426 Exp. 12/31/13 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

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) 05/31/01 04/08/02 07/01/02 12/18/02 11/13/05

SHEET 141R3 OF

FILE => I:\bb\04-012001\sas\contract plans and cco\cco\cco#256\1-original 08-10-12\dgn\aetsp19.dgn

USERNAME => DWinrow DATE PLOTTED => 10 AUG 2012 TIME PLOTTED => 14:20:19

100% PS&E