DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	631R2	1204

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George Baker
REGISTERED ENGINEER - CIVIL
12-6-04
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER George S. Baker No. C57112 Exp. 12/31/05 CIVIL STATE OF CALIFORNIA

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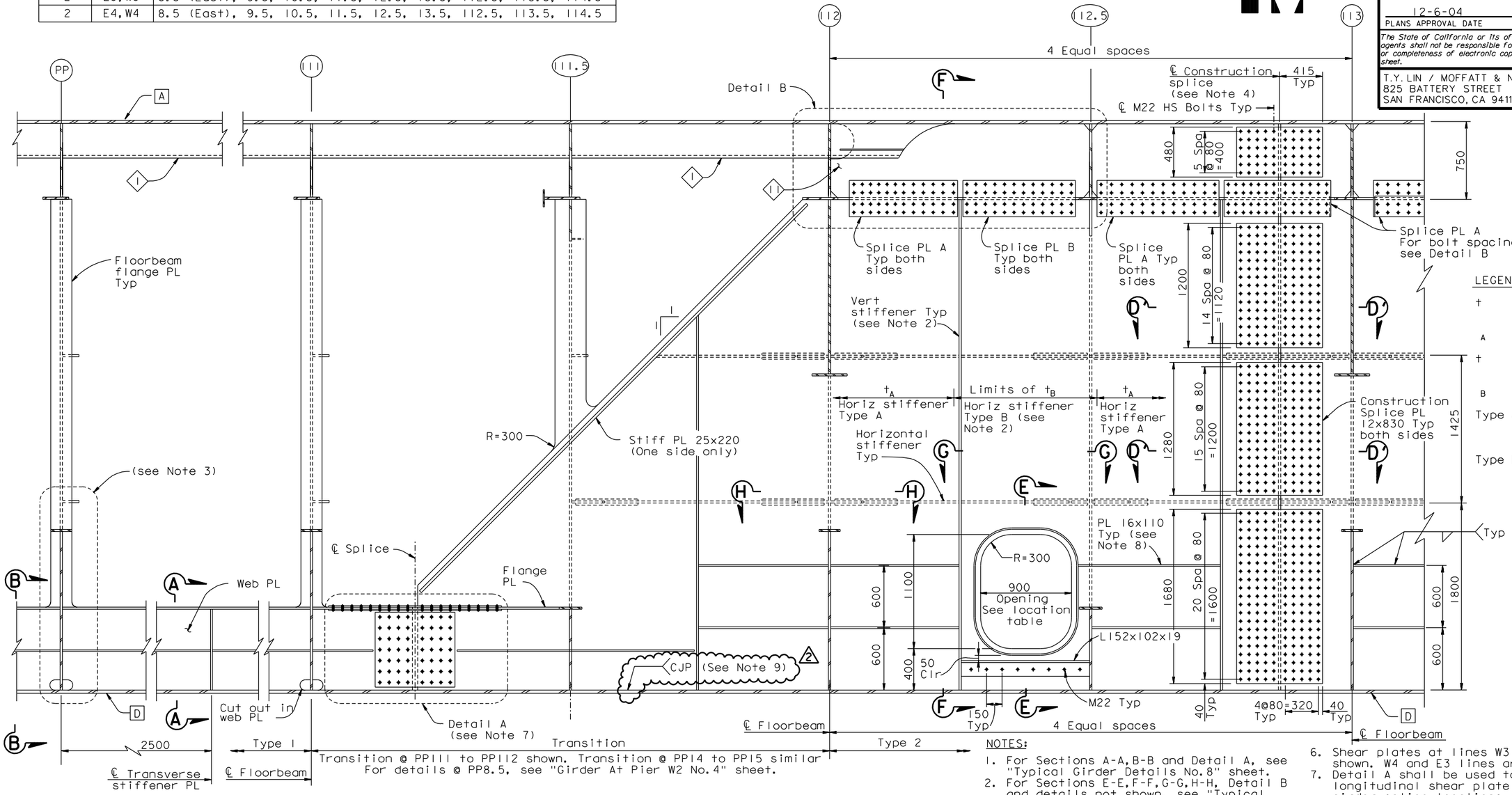
T.Y. LIN / MOFFATT & NICHOL
825 BATTERY STREET
SAN FRANCISCO, CA 94111

OPENING LOCATION TABLE

SHEAR PLATE TYPE	WORKING LINE	PANEL POINT (see Note 5)
2	E3, W3	8.5 (East), 9.5, 10.5, 11.5, 12.5, 13.5, 112.5, 113.5, 114.5
2	E4, W4	8.5 (East), 9.5, 10.5, 11.5, 12.5, 13.5, 112.5, 113.5, 114.5



LONGITUDINAL SHEAR PLATE ELEVATION

1:20

LEGEND:

t_A	Typical thickness of longitudinal shear plate type 2 (see Notes 2 and 5)
t_B	Thickness of long shear plate type 2 strip with opening (see Notes 2 and 5)
Type A	Typical horizontal stiffener size (see Note 5)
Type B	Horizontal stiffener in strip with opening (see Note 5)

NOTES:

1. For Sections A-A, B-B and Detail A, see "Typical Girder Details No.8" sheet.
2. For Sections E-E, F-F, G-G, H-H, Detail B and details not shown, see "Typical Girder Details No.9" sheet.
3. For floorbeam details, see "Typical Floorbeam Details" sheets.
4. For location of girder splice, see "Girder Framing Plan" sheets.
5. For plate sizes and openings in east transition, see "Girder at East Transition No.9" sheet.
6. Shear plates at lines W3 and E4 shown. W4 and E3 lines are similar.
7. Detail A shall be used to splice the longitudinal shear plate Type 1 at box girder splice locations.
8. Lower panel stiffeners shall be placed as shown in Longitudinal shear plate along E3, E4, W3 and W4 lines from PP111.75 to the E2 floorbeam, and from the E2 floorbeam to PP120. Stiffeners shall also be placed along E4 and W4 lines from PP120 to 127. For details at the E2 floorbeam, see "Girder at Pier E2 No.2" sheet.

2 9. The Longitudinal Shear Plate to Girder Face "D" weld shall be a CJP from the CL Splice near PP111 to PP128.7.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

Daniel J. Turner
REGISTERED PROFESSIONAL ENGINEER Daniel J. Turner No. C 65033 Exp. 06/30/11 CIVIL STATE OF CALIFORNIA

FOR REVISIONS ONLY

CONTRACT CHANGE ORDER NO. ____
SHEET ___ OF ___

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
2	07/31/09	LONGITUDINAL SHEAR PLATE	DT	GB	122
1	07/30/07	HINGE A REACTION-SHEAR PLATES	DT	GB	50

REVISIONS

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
Roya Valizadeh / Vong Toan / Y. Liu
SIGN OFF DATE 07/31/09

Rev. Date: 5-18-98

	BY	CHECKED
DESIGN	G. Baker	P. Ritchie
DETAILS	S. Camo	T. McMeans
QUANTITIES	G. Baker	M. Roberts

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)

TYPICAL GIRDER DETAILS NO. 7

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

CU 04
EA 0120F1

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REVISION DATES (PRELIMINARY STAGE ONLY): 01/15/99 05/15/99 08/02/99 05/31/01 04/08/02 07/01/02 12/19/02

SHEET 214R2 OF

FILE => I:\bb\04-0120I\sas\contract plans and cco\cco\cco#122\1-original 07-31-09\dgn\ggdkd04.dgn

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