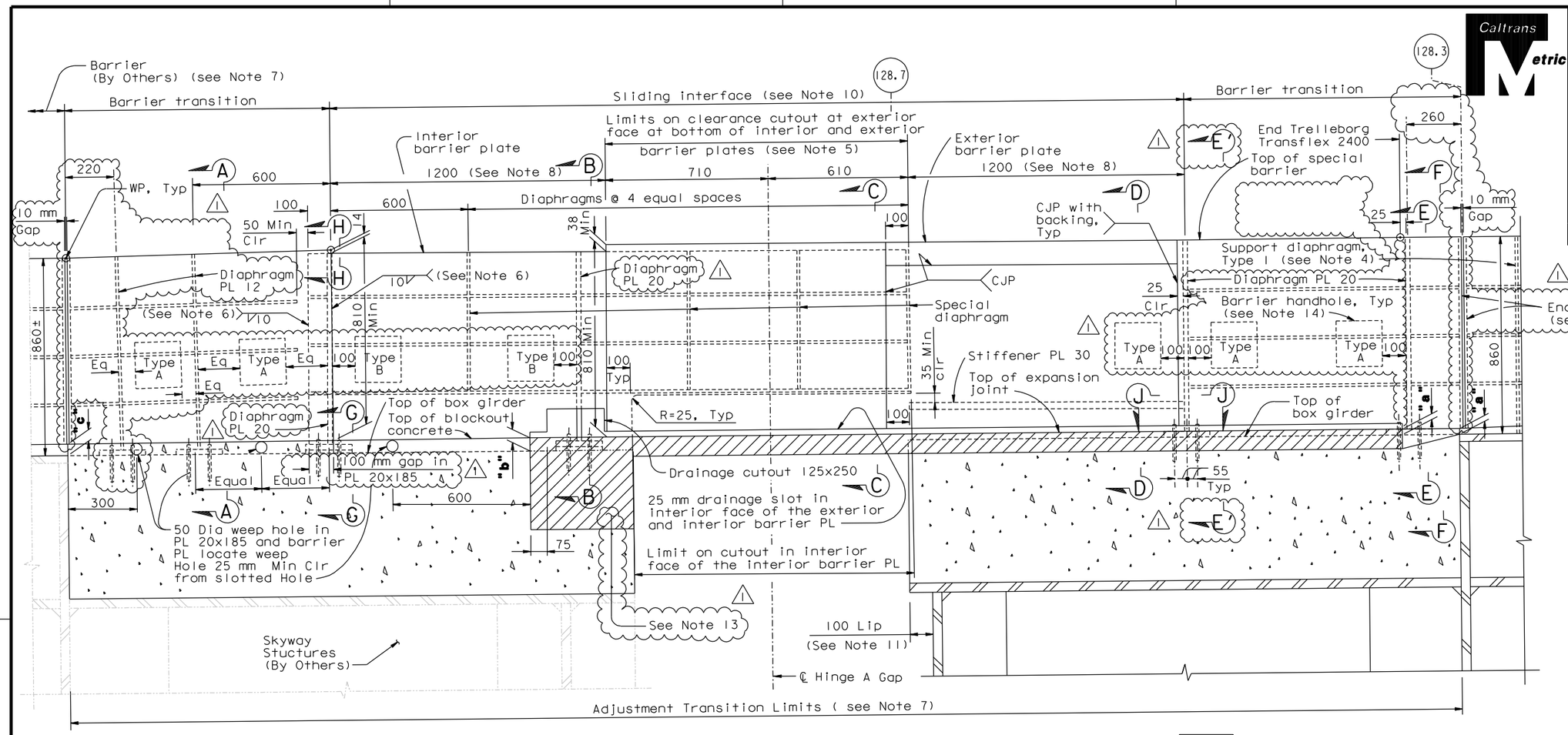

BARRIER AT HINGE A - SOUTH SIDE

("E" Line Shown, "W" Line Similar)

1:10

NOTES:

1. For details not shown, see "Barrier Details No.1" sheet.
2. For Standard diaphragm details, see Section C-C of "Barrier Details No.1" sheet.
3. For Sections A-A, B-B, C-C, D-D, F-F and G-G, see "Barrier Details No.6" sheet. For Sections E-E, H-H, J-J and Alt Section D-D, see "Barrier Details No.6A" sheet.
4. For support diaphragm Type I details not shown, see similar Section C-C on "Barrier Details No.1" sheet. For exterior barrier dimensions, see Section C-C on "Barrier Details No.1" sheet.
5. Cope barrier PL to clear PL 20x185, see Section C-C on "Barrier Details No.6" sheet.
6. For weld limits, see Section H-H on "Barrier Details 6A" sheet.
7. Field verify the as-built condition and dimensions before fabricating SAS barrier.
8. Values are for mean temperature of 20°C.
9. Unless noted otherwise where calculated overlay at shoulder is greater than 50, overlay shall be tapered to 50 at barrier outside the "Adjustment Transition Limits" to maintain 810 min above the overlay at the barrier.
10. The interior and exterior barrier plate at sliding interface shall be parallel to allow for longitudinal movement without binding. At the Contractor's option, the barrier may be detailed straight from PP128.3 to the existing Skyway barrier, subject to review and approval of the Engineer.
11. Barrier on the SAS side shall be trimmed by an amount equal to the amount of field trimming done at the lip.
12. For end plate details, see "Barrier Details No.2" sheet.
13. At the Contractor's option, it is acceptable to block out concrete and pour a non-shrink grout pad under base after setting alignment, subject to review and approval by the Engineer. All anchor bolts to be tightened after grout attains a minimum compressive strength of f'ci = 75% f'c.
14. Barrier handholes are on the exterior face. For details, see "Barrier Details No.6A" sheet.

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	893SIRI	1204

REGISTERED ENGINEER - CIVIL
10-22-10
PLANS APPROVAL DATE

PROFESSIONAL ENGINEER REGISTERED Tien Hung Ho No. C 43990 Exp. 06/30/11 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

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	03/25/11	HINGE A BARRIER RAIL MODIFICATIONS	TH	GB	25SI
0	10/22/10	HINGE A BARRIER RAIL MODIFICATIONS	TH	GB	25SI

REVISIONS

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
SIGN OFF DATE 03/29/11

	BY	CHECKED
DESIGN	T. Ho	G. Baker
DETAILS	H. Patel	T. Ho
QUANTITIES	H. Patel	J. Duxbury

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)

BARRIER DETAILS NO.5A

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 10/22/10

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET 476SIRI OF

FILE => I:\bb\04-012001\sas\contract plans and cco\cco\cco#25si\7-revision 03-25-11\dgn\akbar04a.dgn

USERNAME => DWinrow DATE PLOTTED => 24 MAR 2011 TIME PLOTTED => 12:53:10

100 % PS&E