DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	852	1204

Caltrans Metric

REGISTERED ENGINEER - CIVIL

12-6-04

PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER Marwan N. Nader No. C 054426 Exp. 12/31/05 CIVIL STATE OF CALIFORNIA

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

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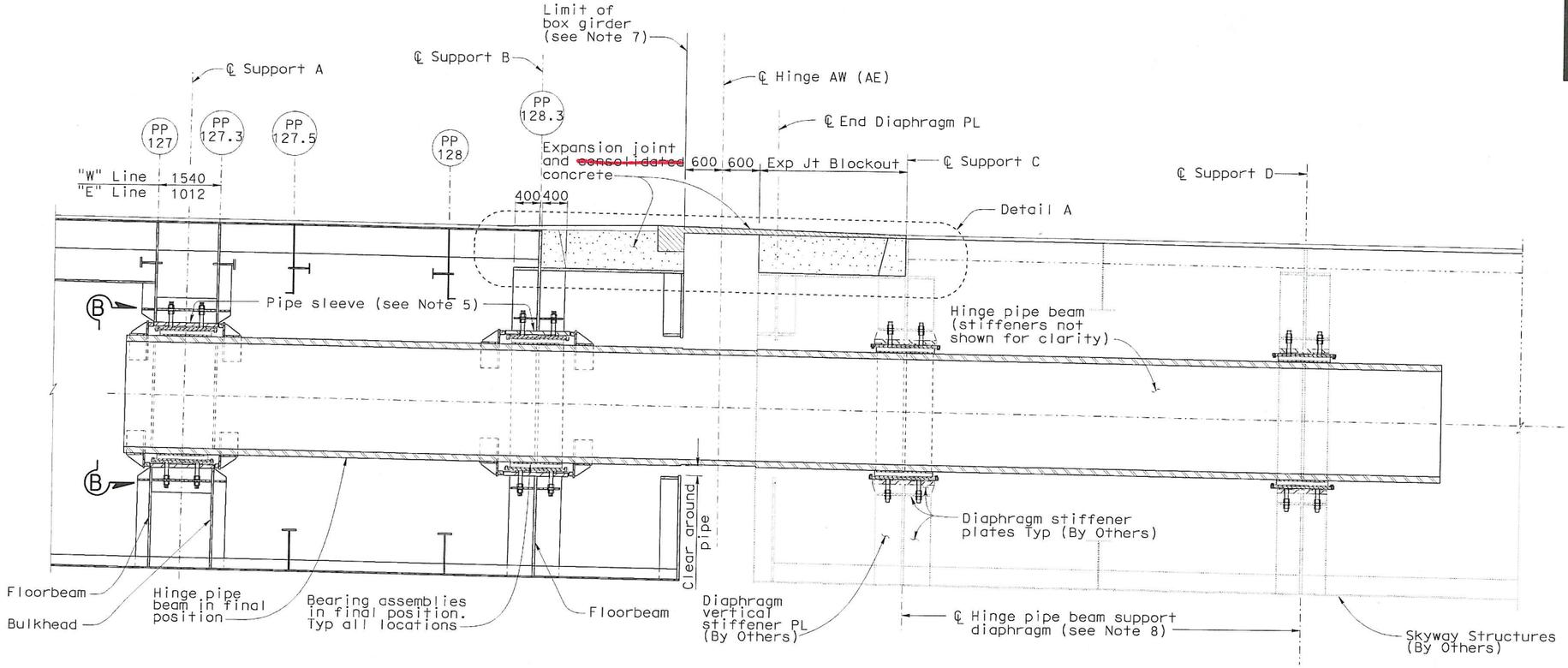
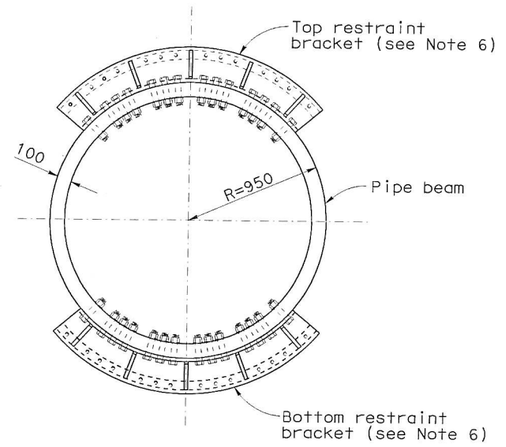
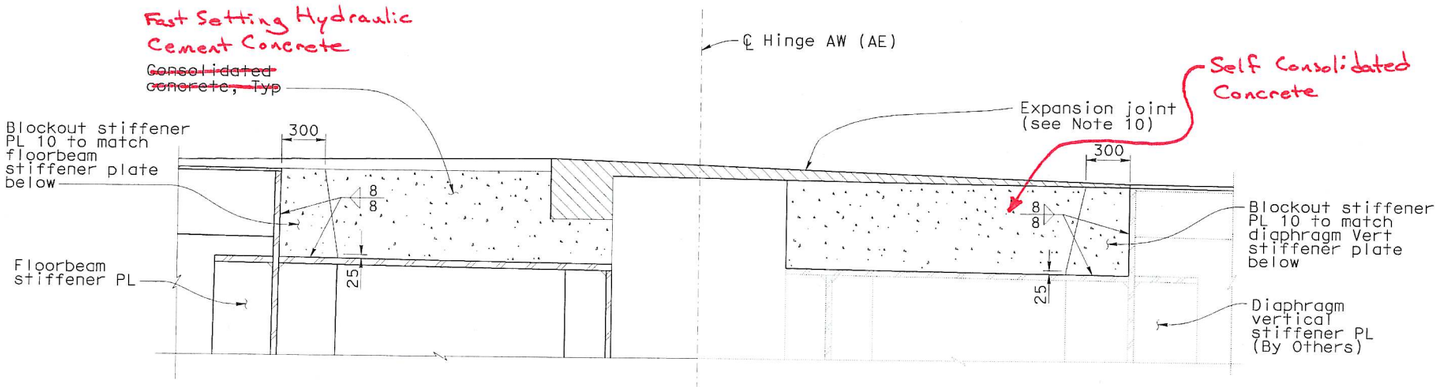


SECTION A-A (Orientation of Expansion Joint shown for Eastbound, see Note 10)
1:40



END VIEW B-B
1:20



DETAIL A
1:20

NOTES:

1. For locations and alignment of floor beams at PP127, PP127.5 and PP128, see "Girder Framing Plan No.4" sheet.
2. Bulkhead at PP127.3 is parallel to the floor beam at PP 127.
3. Floorbeam at PP 128.3 is parallel to ℄ Hinge A. For locations, see "Hinge A Geometry Layout" sheets.
4. For expansion joint details, see "Hinge A Expansion Joint Details" sheets.
5. Pipe sleeve shall be parallel to pipe beam.
6. For restraint bracket details, see "Hinge A Details No.9" sheet.
7. For girder details east of PP 128.3, see "Girder At East Transition No.8" and "Floorbeam At East Transition No.10" sheets.
8. For hinge bearing support location, see "Hinge A Geometry Layout" sheets.
9. For "Hinge A Details" sheets, the Contractor shall verify all controlling field dimensions before ordering or fabricating any material.
10. For orientation of expansion joints, see "Seismic Joint" plans.

100 % PS&E

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
Roger Valizadeh / Vong Toan / Y. Lin
SIGN OFF DATE 12/19/02
Rev. Date: 5-18-98

	BY	CHECKED
DESIGN	M. Nader	N. Vo
DETAILS	G. Baker	N. Vo
QUANTITIES	G. Baker	N. Vo

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)

HINGE A DETAILS NO.1

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 12/19/02 07/18/03

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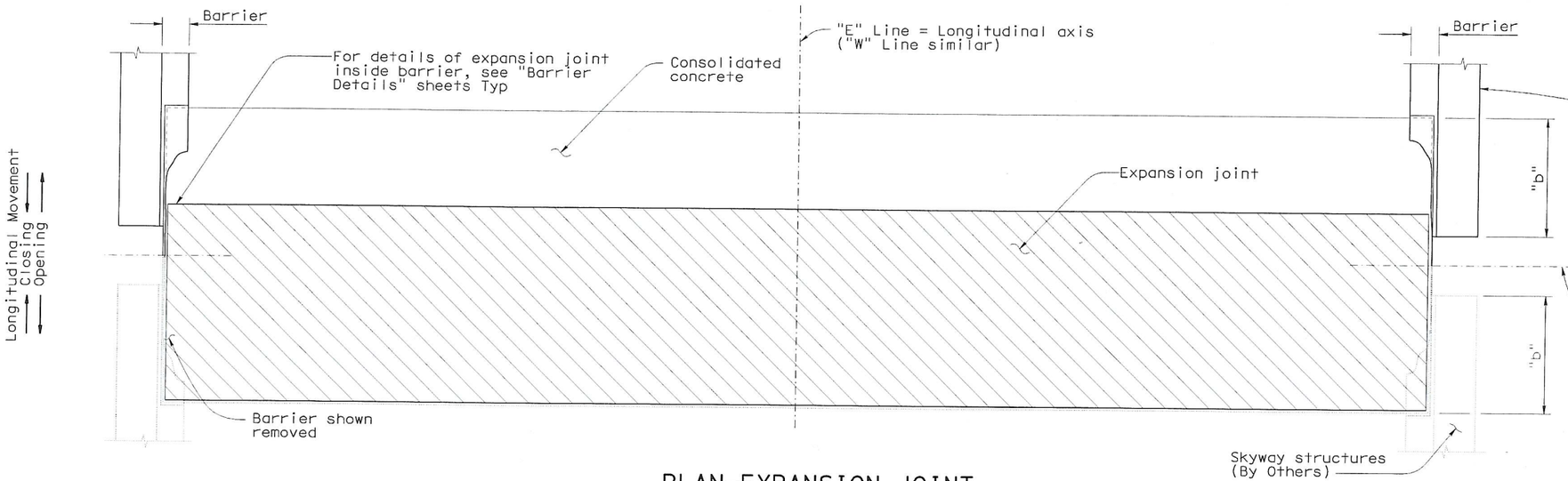


PLAN-EXPANSION JOINT

1:50

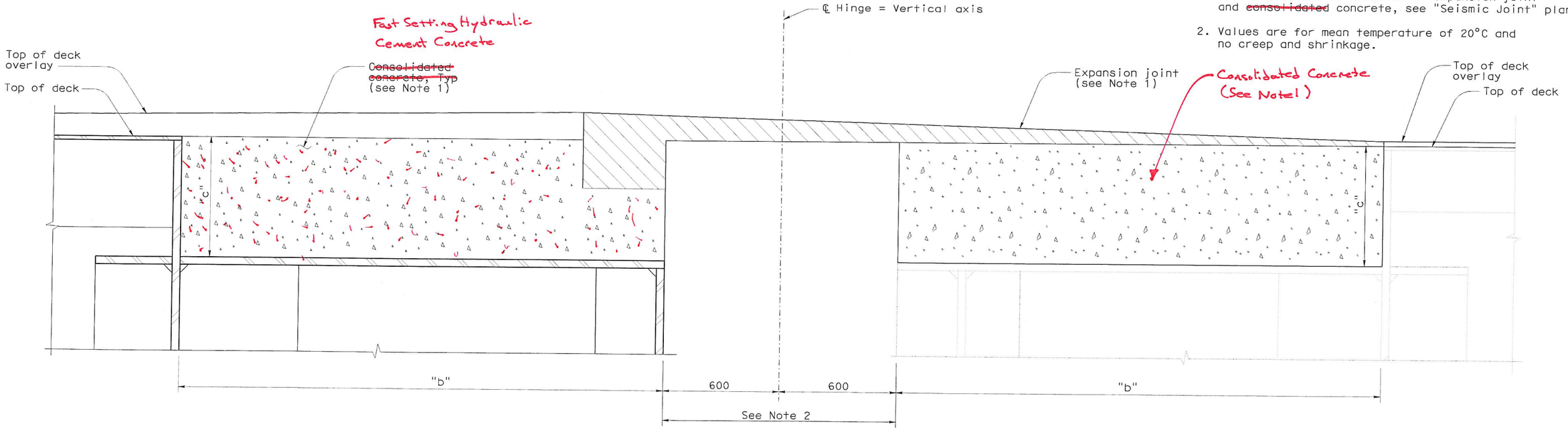
LEGEND:

-Expansion Joint

-Consolidated concrete

NOTES: - Fast Setting Hydraulic Cement Concrete

1. For details and orientation of expansion joint and ~~consolidated~~ concrete, see "Seismic Joint" plans.
2. Values are for mean temperature of 20°C and no creep and shrinkage.



TYPICAL SECTION

1:10

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	863	1204

Caltrans Metric

REGISTERED ENGINEER - CIVIL

12-6-04
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Marwan N. Nader — No. C 054426 — Exp. 12/31/05 — CIVIL — STATE OF CALIFORNIA

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R. Valizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
SIGN OFF DATE 12/19/02

	BY	CHECKED
DESIGN	M. Nader	N. Vo
DETAILS	J. Krizek	N. Vo
QUANTITIES	J. Krizek	N. Vo

PREPARED FOR THE STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

R. Manzanarez
PROJECT ENGINEER

BRIDGE NO. 34-0006L/R
KILOMETER POST 13.2/13.9

CU 04
EA 0120F1

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

HINGE A EXPANSION JOINT DETAILS NO. 1

Rev. Date: 5-16-98

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

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES (PRELIMINARY STAGE ONLY): 01/28/02 | 07/24/02 | 12/19/02 | 01/16/03

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