DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	472R3	1204

Caltrans Metric

REGISTERED ENGINEER - CIVIL

12-6-04
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER John Sun No. C 54648 Exp. 12/31/05 CIVIL STATE OF CALIFORNIA

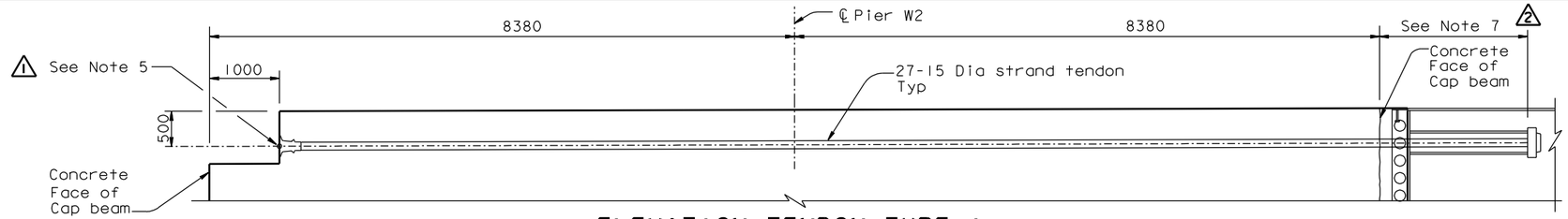
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

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

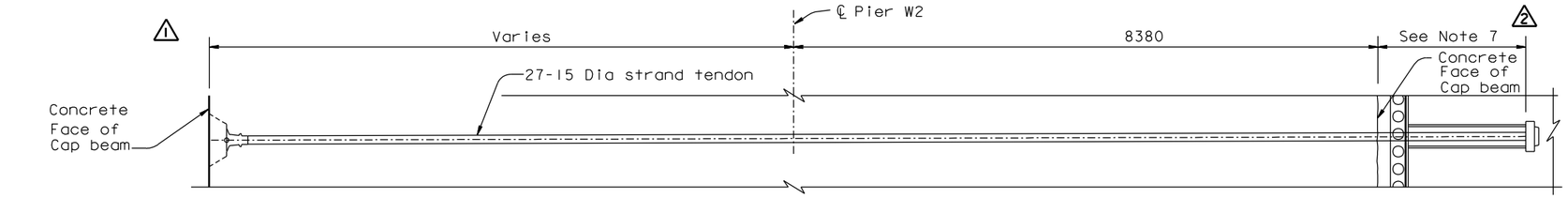
To get to the web site, go to: http://www.dot.ca.gov

REGISTERED PROFESSIONAL ENGINEER James P. Duxbury No. C 64677 Exp. 06/30/07 CIVIL STATE OF CALIFORNIA

FOR REVISIONS ONLY



ELEVATION-TENDON TYPE 1



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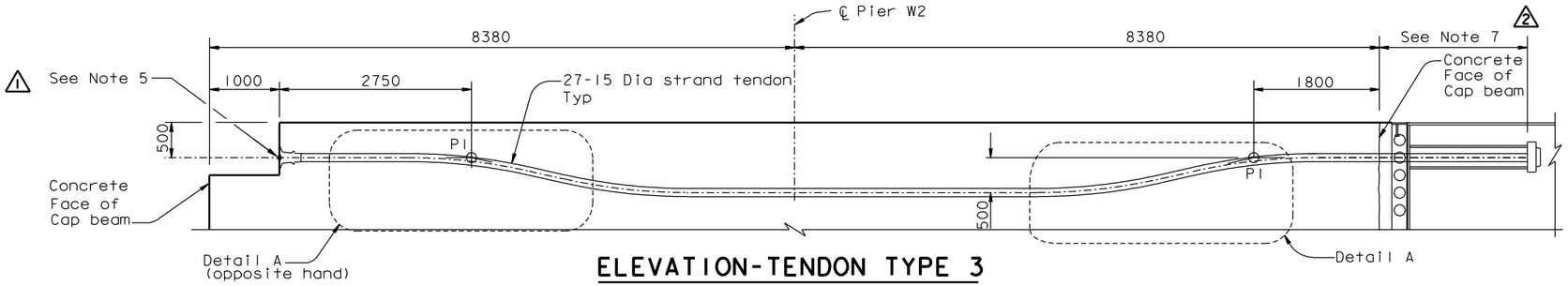

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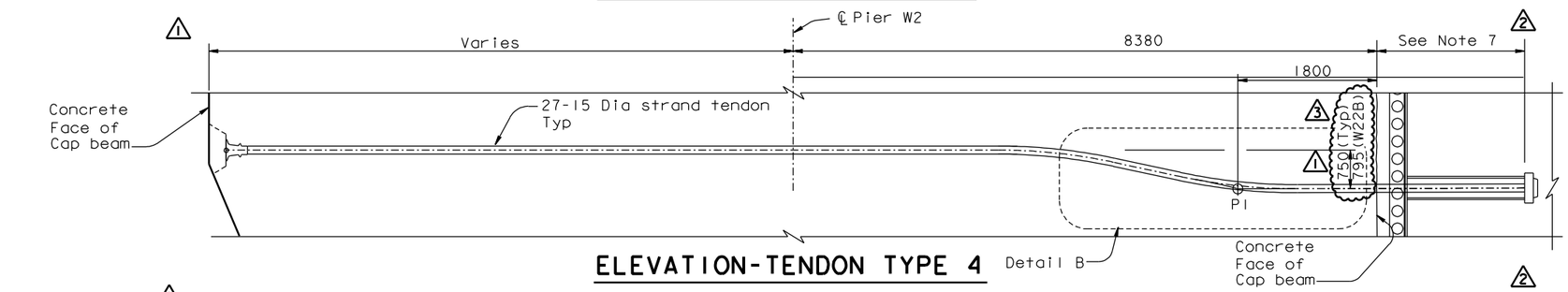

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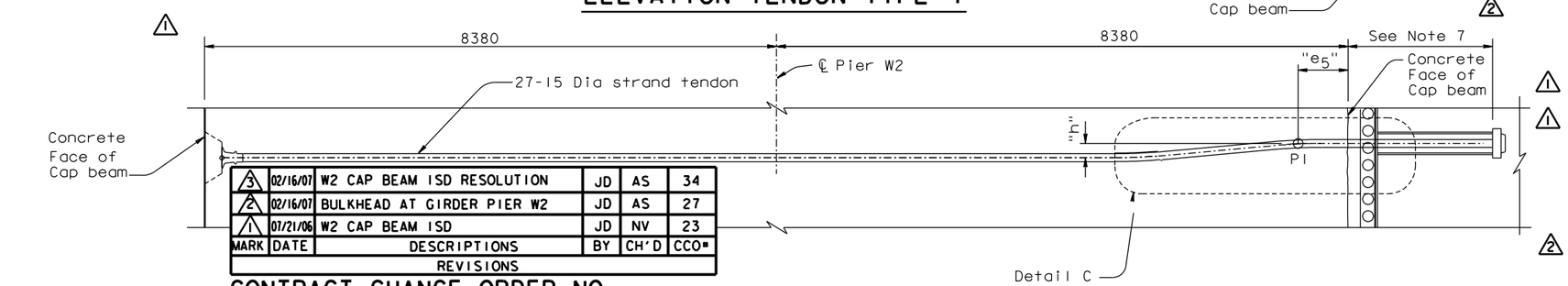
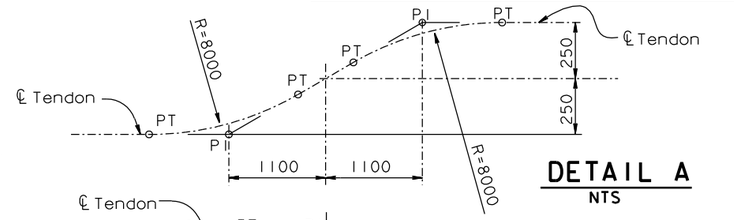


MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
3	02/16/07	W2 CAP BEAM ISD RESOLUTION	JD	AS	34
2	02/16/07	BULKHEAD AT GIRDER PIER W2	JD	AS	27
1	07/21/06	W2 CAP BEAM ISD	JD	NV	23

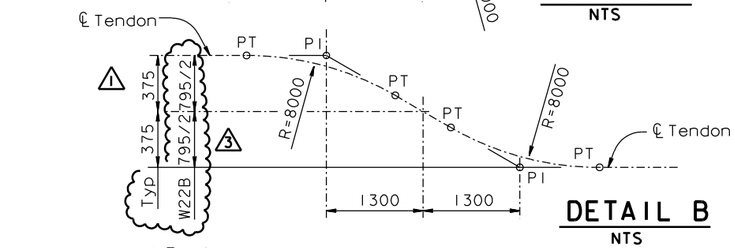
REVISIONS

CONTRACT CHANGE ORDER NO. ____
SHEET ____ OF ____

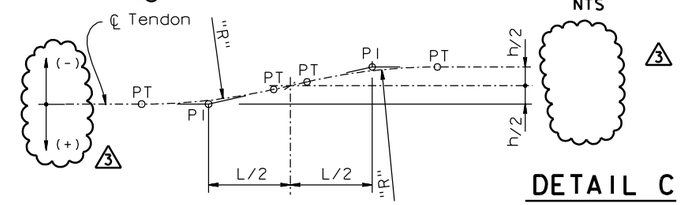
ELEVATION-TENDON TYPE 5



DETAIL A
NTS



DETAIL B
NTS



DETAIL C
NTS

NOTES:

1. For additional details, see "W2 Cap Beam Post-Tensioning Details No.5" through "W2 Cap Beam Post-Tensioning Details No.10" sheets.
2. For tendon type designation, see "W2 Cap Beam Post-Tensioning Details No.12" sheet.
3. For PT blockout dimensions, see "W2 Cap Beam Blockout Details" sheets.
4. For dimension "h","L","e5" and "R", see "W2 Cap Beam Post-Tensioning Details No.12" sheet.
5. Adjust vertical face to be normal to the axis of the tendon.
6. Jacking of continuity tendons shall not crush the ducts of the CBT transverse tendons. Where necessary, extra strong steel pipes (ASTM A53 Type S, Grade B, f_y =240 MPa) shall be provided together with necessary hardware connecting the steel pipes to galvanized corrugated steel duct.
7. For extents of post-tensioning into the Girder at Pier W2, see Top and Bottom tendon layout plans on "W2 Cap Beam Post-Tensioning Details No.5 thru No.8" sheets.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

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

W2 CAP BEAM POST-TENSIONING DETAILS NO.11

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
SIGN OFF DATE 02/16/07

	BY	CHECKED
DESIGN	J. Sun	M. Chen
DETAILS	J. Duxbury	M. Chen
QUANTITIES	S. Shi	D. Harrison

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

CHECKED: R. Manzanarez
PROJECT ENGINEER

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

CU 04
EA 0120F1

Rev. Date: 5-18-98

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): 08/08/99 05/31/01 04/08/02 07/01/02 12/19/02

SHEET 055R3 OF

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USERNAME => oliishansk DATE PLOTTED => 16 MAR 2007 TIME PLOTTED => 07:52:11

100% PS&E