DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	472R1	1204

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

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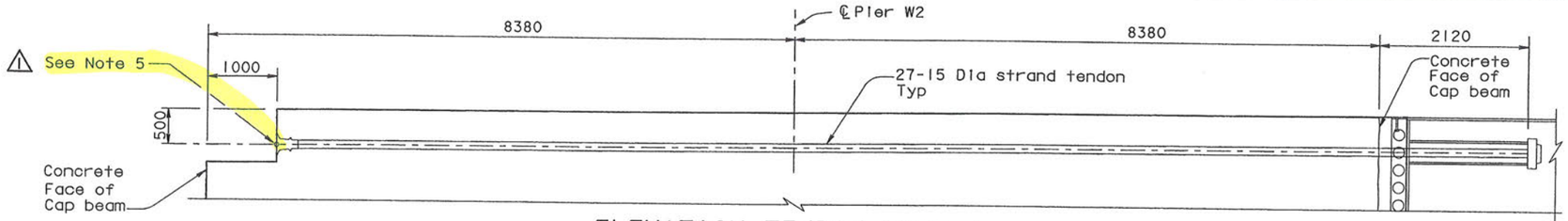
T.Y. LIN / MOFFATT & NICHOL
825 BATTERY STREET
SAN FRANCISCO, CA 94111

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

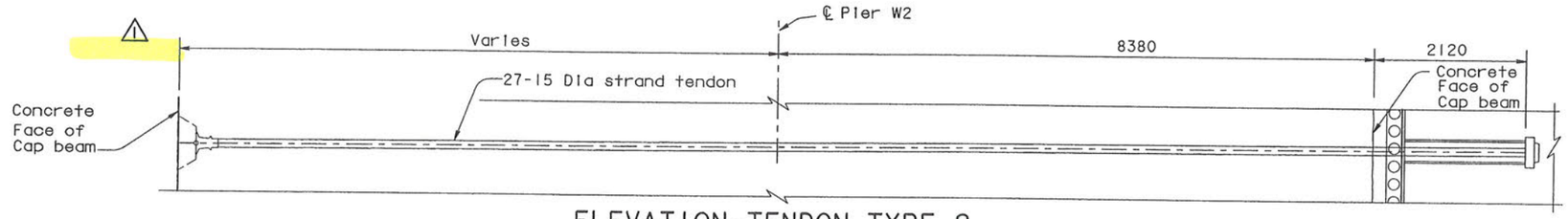
Caltrans Metric

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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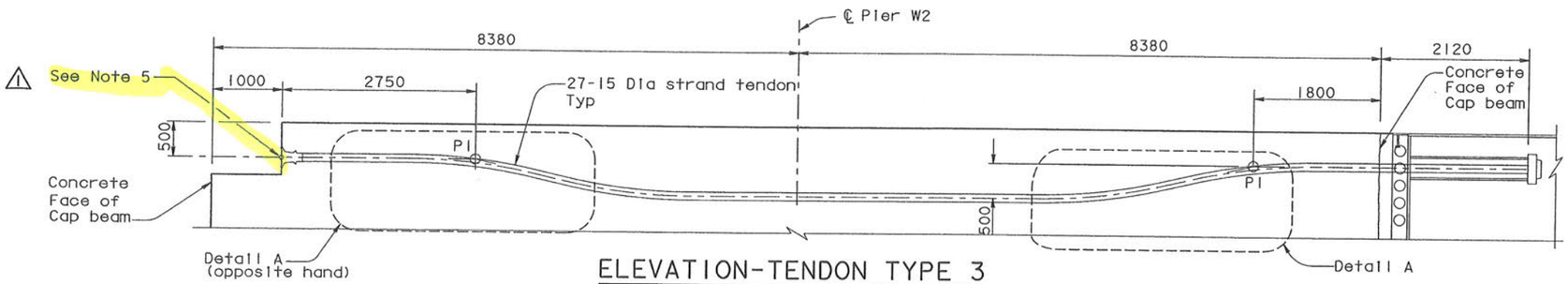

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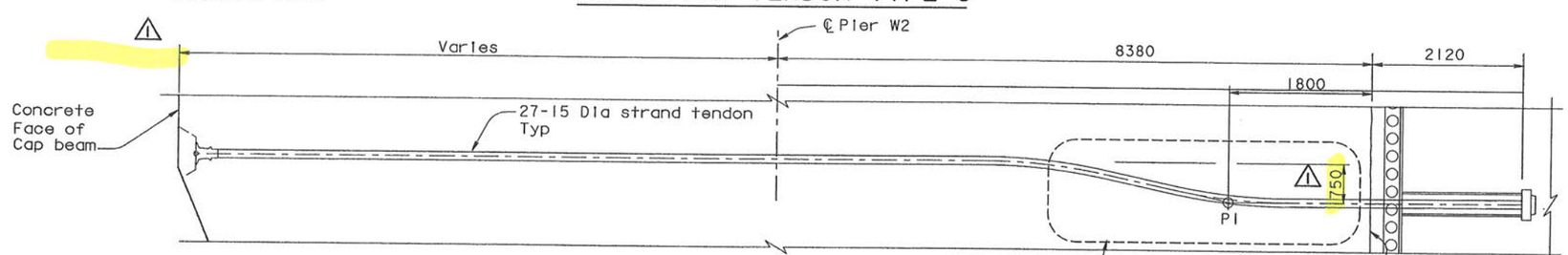

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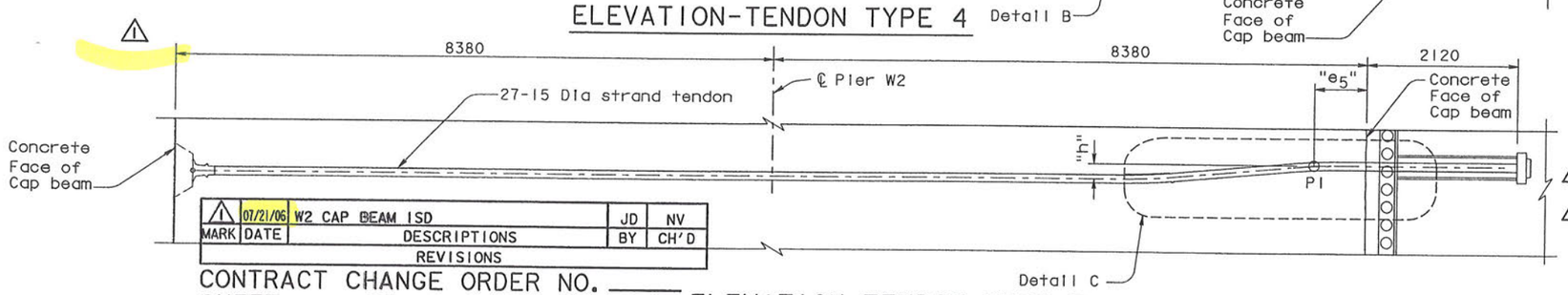

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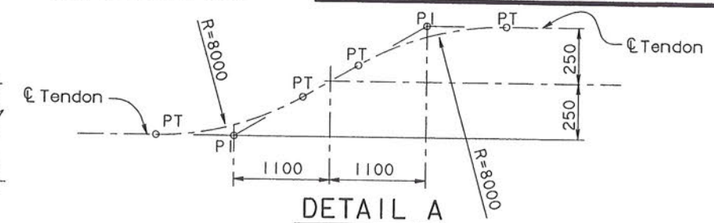
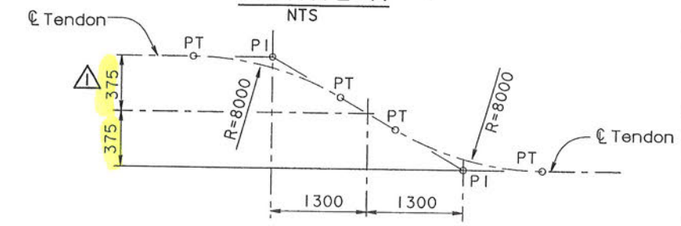
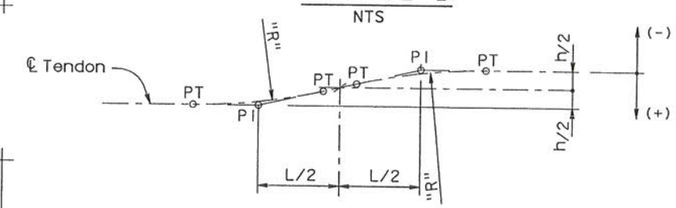


DETAIL A
NTS



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.

MARK	DATE	DESCRIPTIONS	BY	CH'D
1	07/21/06	W2 CAP BEAM ISD	JD	NV

REVISIONS

CONTRACT CHANGE ORDER NO. ____
SHEET ____ OF ____

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

R. Vallzadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
SIGN OFF DATE 07/21/06
Rev. Date: 5-18-98

	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

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

W2 CAP BEAM POST-TENSIONING DETAILS NO.11

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) 09/28/99 05/31/01 04/26/02 07/29/02 12/19/02

SHEET 055R1 OF

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USERNAME => vignatovs DATE PLOTTED => 14 JUL 2006 TIME PLOTTED => 09:51:50