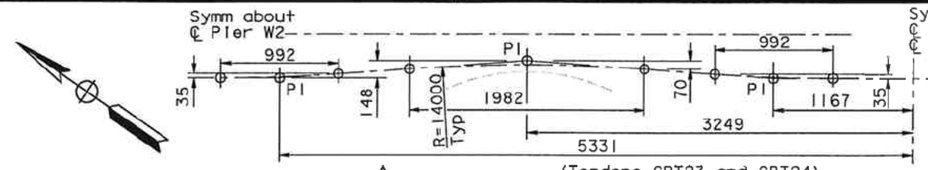

⚠DETAIL A′ (Tendons CBT23 and CBT24)
(Tendons CBT30 and CBT31)
1:25

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
		REVISIONS			
⚠1	07/21/06	W2 CAP BEAM ISD	JD	NV	23
⚠2	12/08/06	RFI CLEANUP: RFI#135 R0	JD	AS	16

CONTRACT CHANGE ORDER NO. ____
SHEET ____ OF ____

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DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	462r2dl	1204

REGISTERED ENGINEER - CIVIL
12-6-04
PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER — James F. Duxbury — No. C 64677 — Exp. 06/30/07 — CIVIL — STATE OF CALIFORNIA
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REGISTERED PROFESSIONAL ENGINEER — John Sun — No. C 54648 — Exp. 12/31/05 — CIVIL — STATE OF CALIFORNIA

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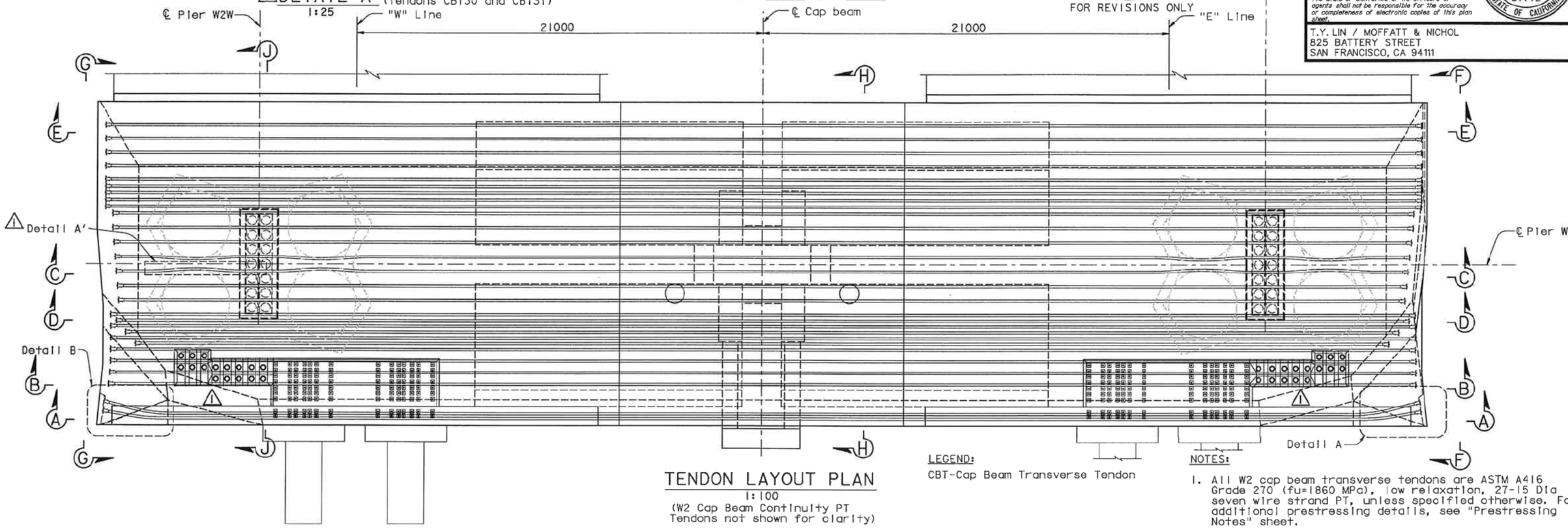
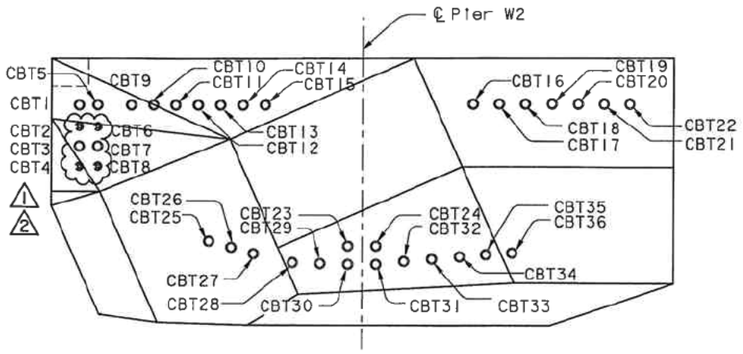
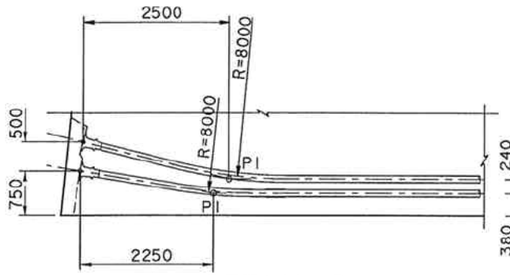


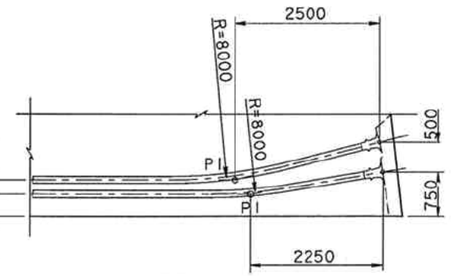
TENDON LAYOUT PLAN
1:100
(W2 Cap Beam Continuity PT
Tendons not shown for clarity)



TENDON DESIGNATION
1:80



DETAIL B
1:50
(Tendons CBT1 and CBT5)
⚠(Tendons CBT2 thru CBT8 similar)



DETAIL A
1:50
(Tendons CBT1 and CBT5)
⚠(Tendons CBT2 thru CBT8 similar)

LEGEND:
CBT-Cap Beam Transverse Tendon

NOTES:
1. All W2 cap beam transverse tendons are ASTM A416 Grade 270 (fu=1860 MPa), low relaxation, 27-15 Dia seven wire strand PT, unless specified otherwise. For additional prestressing details, see "Prestressing Notes" sheet.
2. For Section A-A, see "W2 Cap Beam Post-Tensioning Details No.2" sheet.
3. For Sections B-B through E-E, see "W2 Cap Beam Post-Tensioning Details No.3" sheet.
4. For Sections F-F through J-J, see "W2 Cap Beam Post-Tensioning Details No.4" sheet.
5. For bikepath details near cap beam, see "Bikepath Details" sheets.
6. For PT blockout dimensions, see "W2 Cap Beam Blockout Details" sheets.
7. Jacking force in the W2 cap beam transverse tendons (CBT1-CBT36) shall be 5265 kN typical.
8. For general stressing sequence, see "Pier W2 Construction Sequence" sheet.
9. For "W2 Cap Beam Post-Tensioning Details" sheets, the Contractor shall verify all controlling field dimensions before ordering or fabricating any material.
10. W2 cap beam elevations are to top of finished concrete and do not include overlay thickness.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

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USERNAME => vigrotovsky DATE PLOTTED => 21 NOV 2006 TIME PLOTTED => 07:35:34

R. Valizadeh/V. Toan/Y. L./W. L./F. C.
DESIGN OVERSIGHT
Sign Off Date 12/08/06

	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

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. I

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
REVISION DATES (PRELIMINARY STAGE ONLY): 08/08/99 05/31/01 04/08/02 07/01/02 12/19/02
SHEET 045r2dl OF
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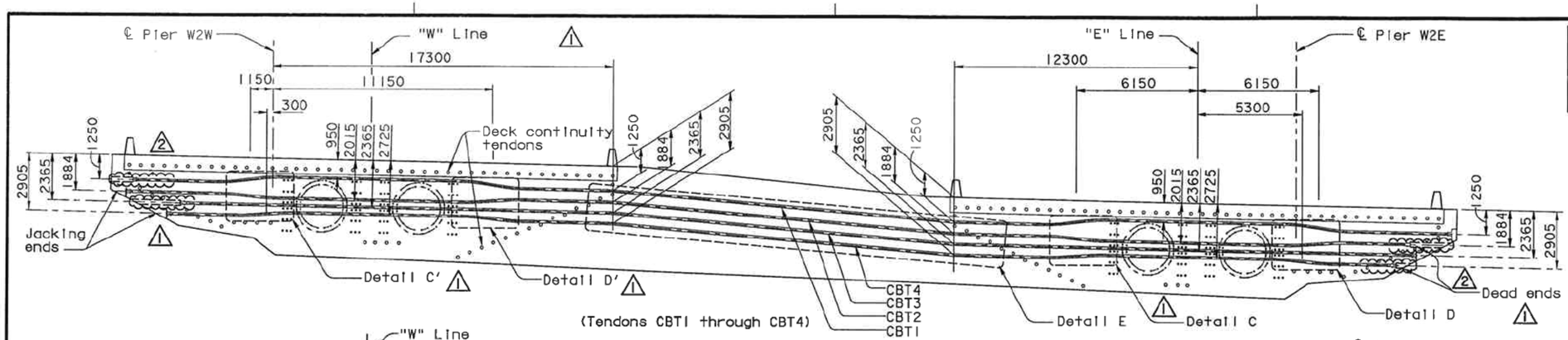
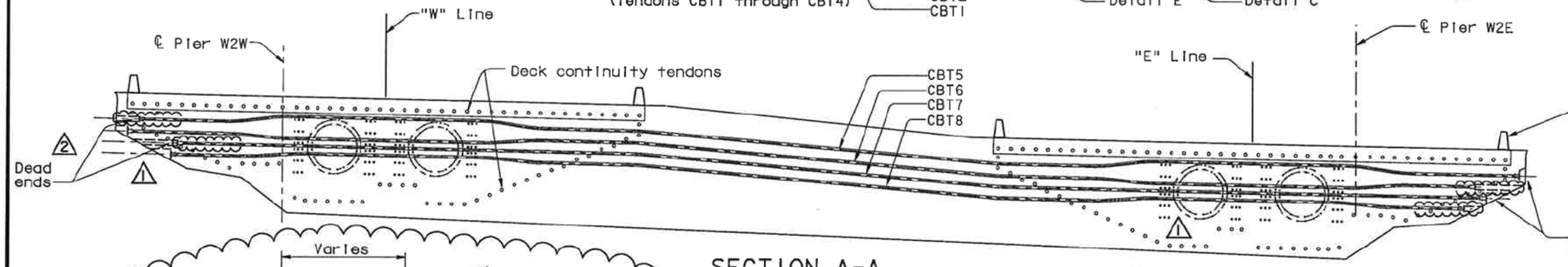
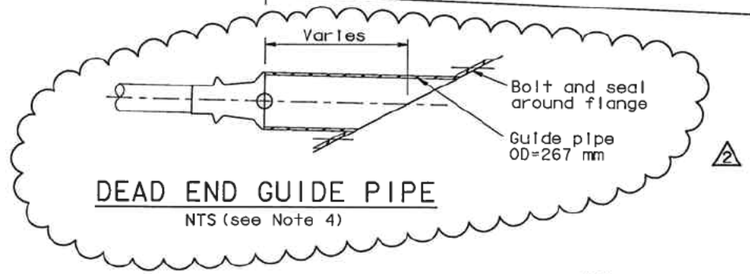
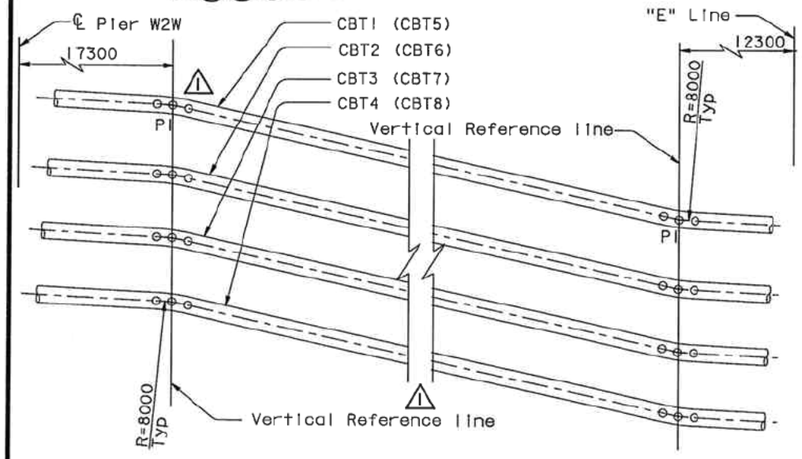




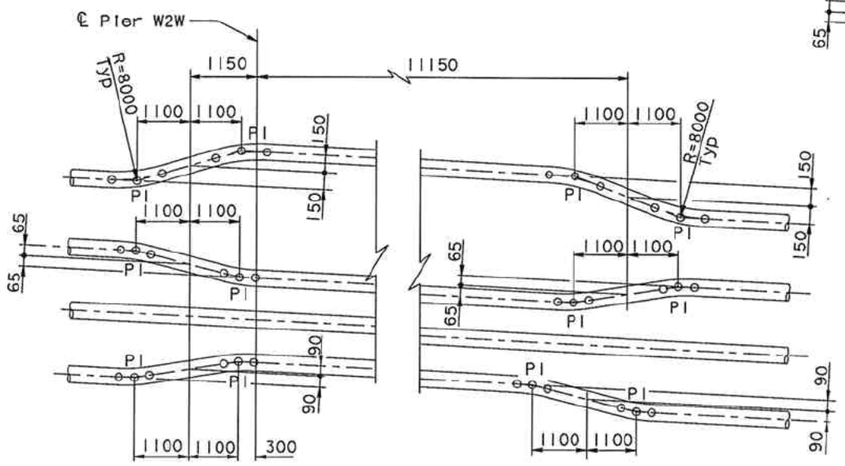
SECTION A-A (For Tendons CBT5 through CBT8 dimensions, see Tendon CBT1 through CBT4 dimensions)
1:125



DEAD END GUIDE PIPE
NTS (see Note 4)

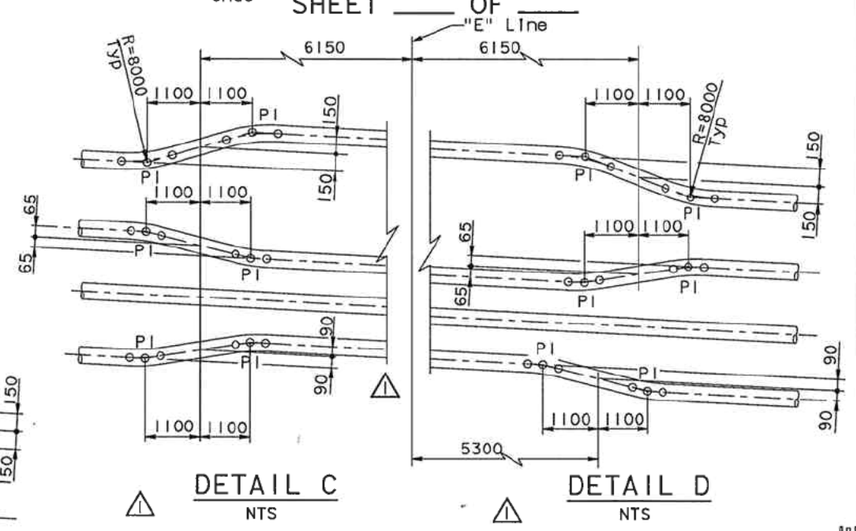


DETAIL E
NTS



DETAIL C'
NTS

DETAIL D'
NTS



DETAIL C
NTS

DETAIL D
NTS

NOTES:

1. For additional details, see "W2 Cap Beam Post-Tensioning Details No.1" sheet.
2. For PT blockout details, see "W2 Cap Beam Blockout Details" sheets.
3. For deck continuity tendon details, see "W2 Cap Beam Post-Tensioning Details No.5" through "W2 Cap Beam Post-Tensioning Details No.12" sheets.
4. Contractor shall coordinate the dead end guide pipe details with the PT System Supplier and shall submit them to the Engineer for review and approval.

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	463r2dl	1204

REGISTERED ENGINEER - CIVIL
12-6-04
PLANS APPROVAL DATE
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FOR REVISIONS ONLY

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
		REVISIONS			
1	07/21/06	W2 CAP BEAM ISD	JD	NV	23
2	12/08/06	RFI CLEANUP: RFI#135 R0	JD	AS	16

CONTRACT CHANGE ORDER NO. ____
SHEET ____ OF ____

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DESIGN OVERSIGHT
SIGN OFF DATE 12/08/06

	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

R. Manzanarez
PROJECT ENGINEER

CU 04
EA 0120F1

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.2

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): 05/22/98 | 03/31/00 | 04/28/00 | 07/27/00 | 12/13/02

SHEET 046r2dl OF

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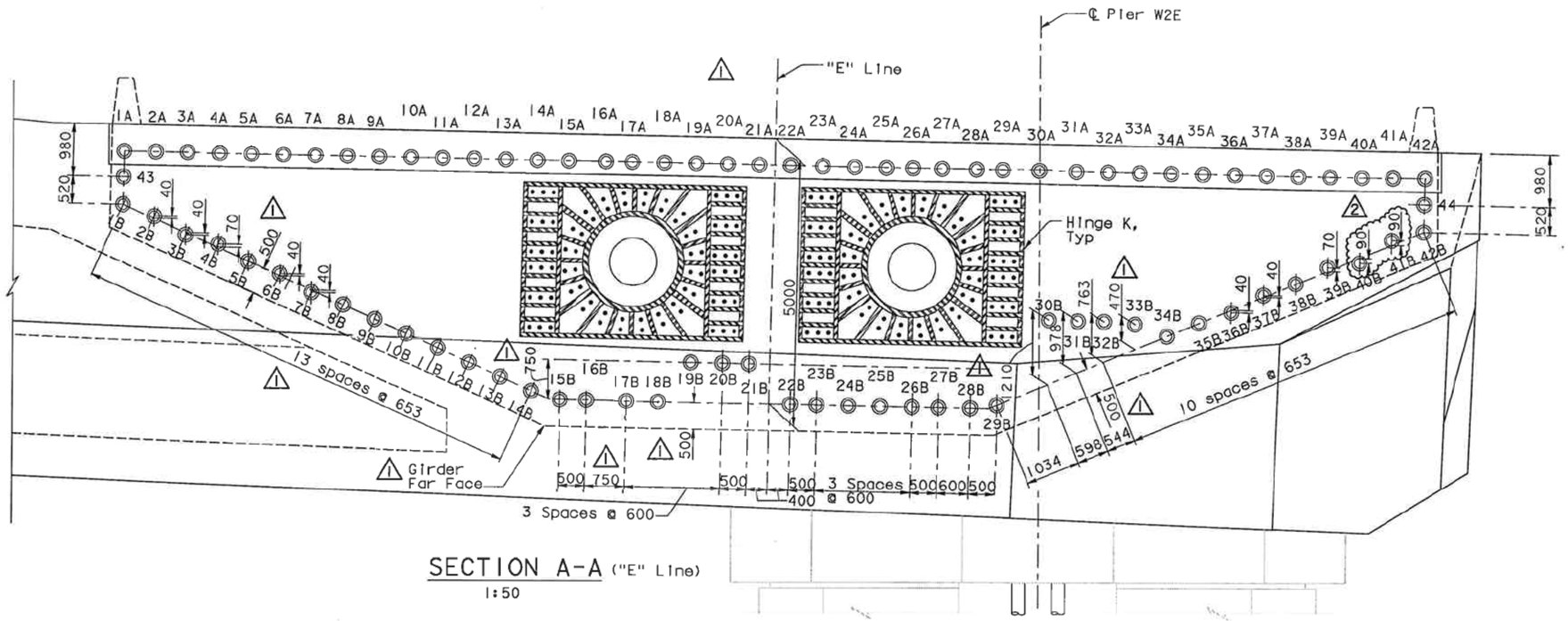
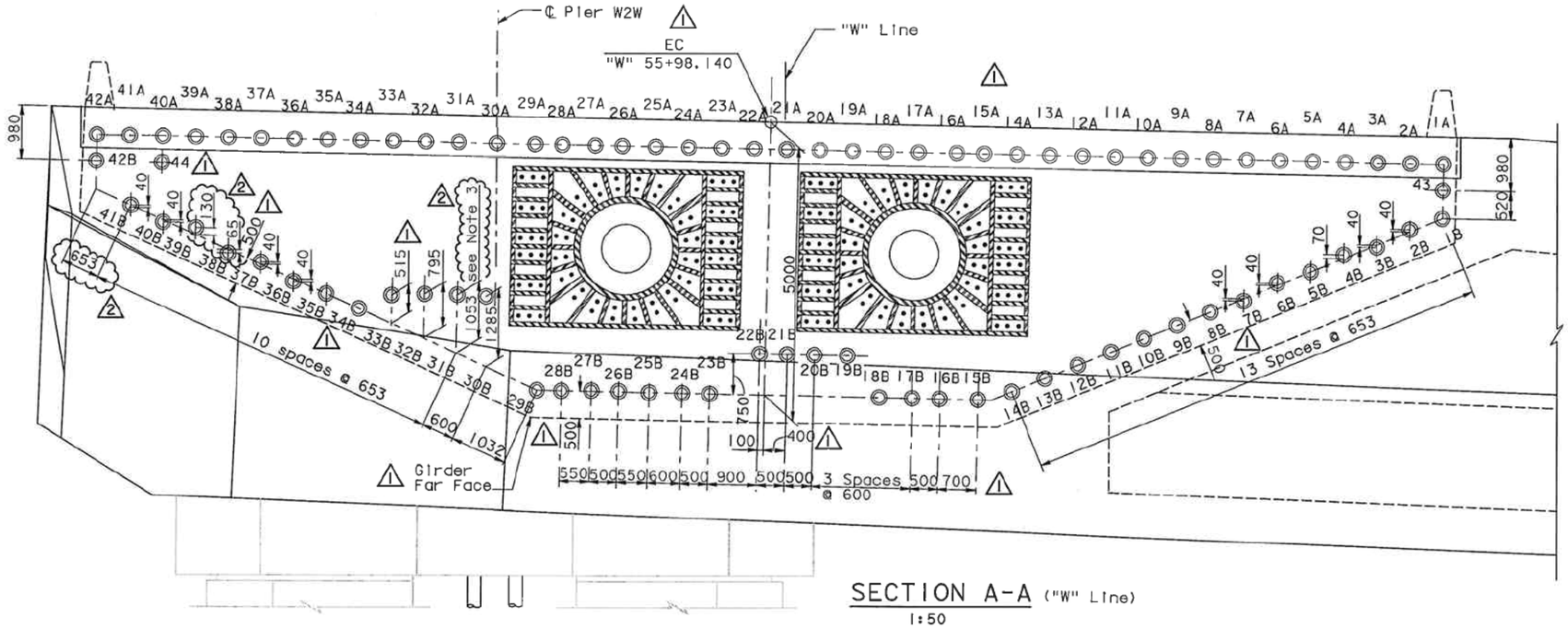


SECTION A-A ("E" Line)
1:50



SECTION A-A ("W" Line)
1:50

NOTES:

1. For additional details, see "W2 Cap Beam Post-Tensioning Details No.5" and "W2 Cap Beam Post-Tensioning Details No.7" sheets.
2. Jacking force in the W2 cap beam continuity tendons (1A-42A, 1B-42B, 43 & 44) shall be 5265 kN typical.
3. Offset dimensions are measured perpendicular to a 2% slope, typical.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

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DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	470r2d1	1204

REGISTERED ENGINEER - CIVIL
12-6-04
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REGISTERED PROFESSIONAL ENGINEER John Sun No. C 54648 Exp. 12/31/05 CIVIL STATE OF CALIFORNIA

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		REVISIONS			
2	12/08/06	RFI CLEANUP: RFI #135 R0, #205 R0, #213 R0	JD	AS	16
1	07/21/06	W2 CAP BEAM ISD	JD	NV	23

CONTRACT CHANGE ORDER NO. ____
SHEET ____ OF ____

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DESIGN OVERSIGHT: R. Vallzadeh/V. Toan/Y. L./W. L./F. C.
SIGN OFF DATE: 12/08/06

	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

R. Manzanarez
PROJECT ENGINEER

CU 04
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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. 9

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 → 08/08/99 05/31/01 04/08/02 07/22/02 12/19/02

SHEET 053r2d1 OF

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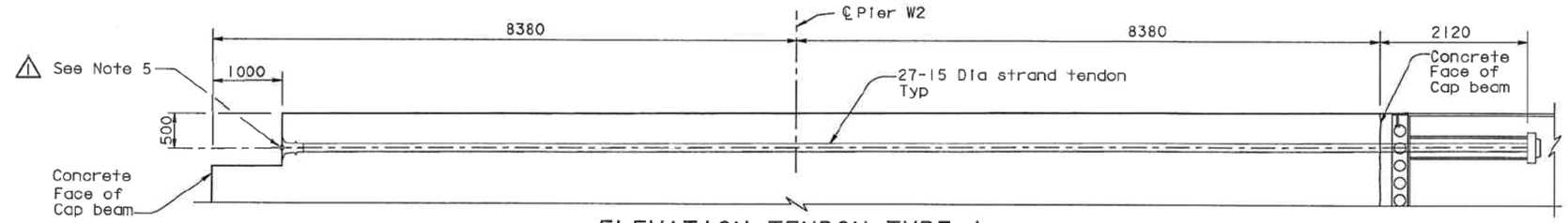
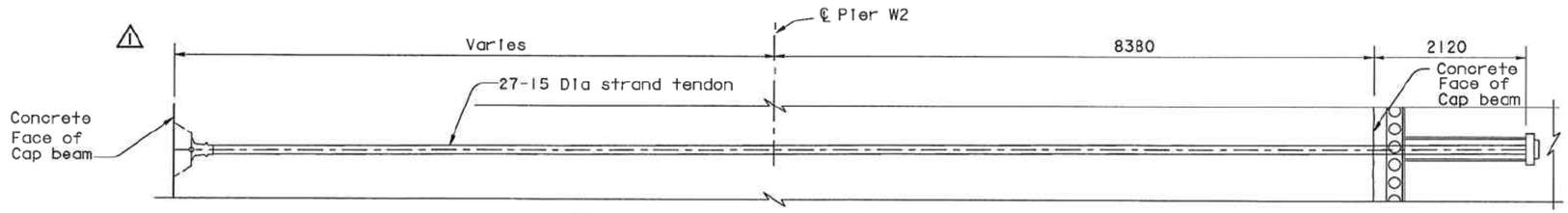
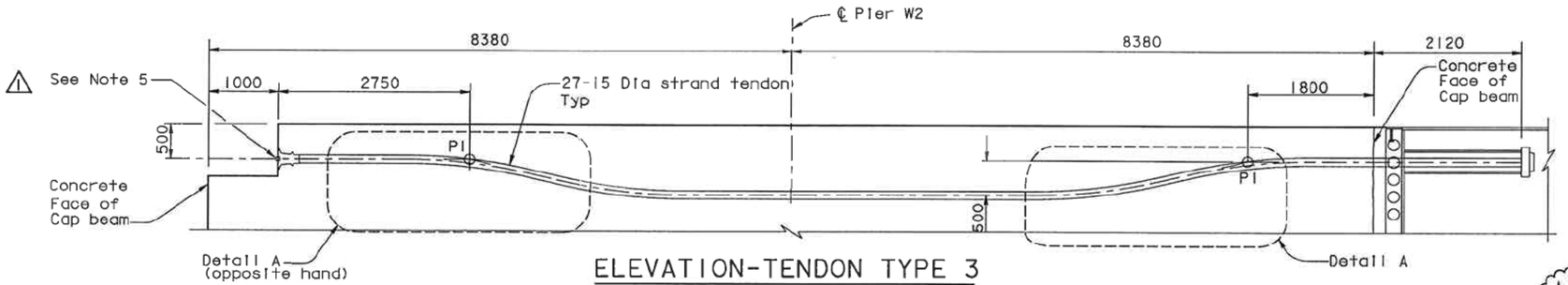


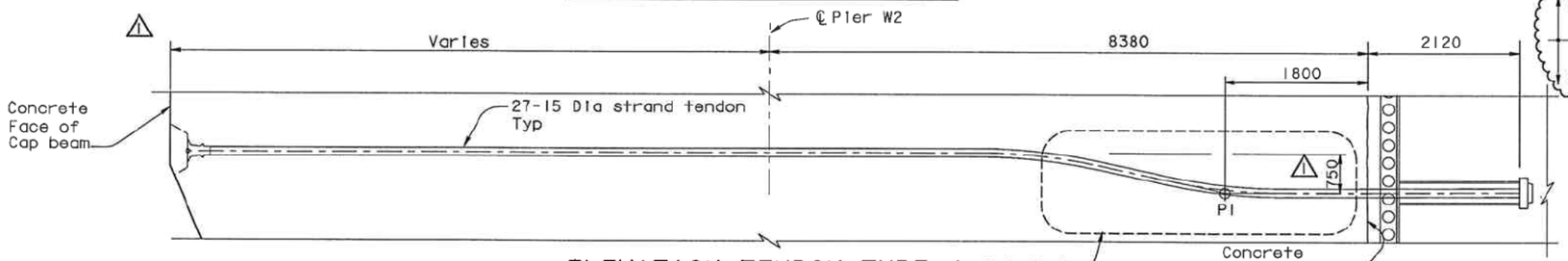
ELEVATION-TENDON TYPE 1



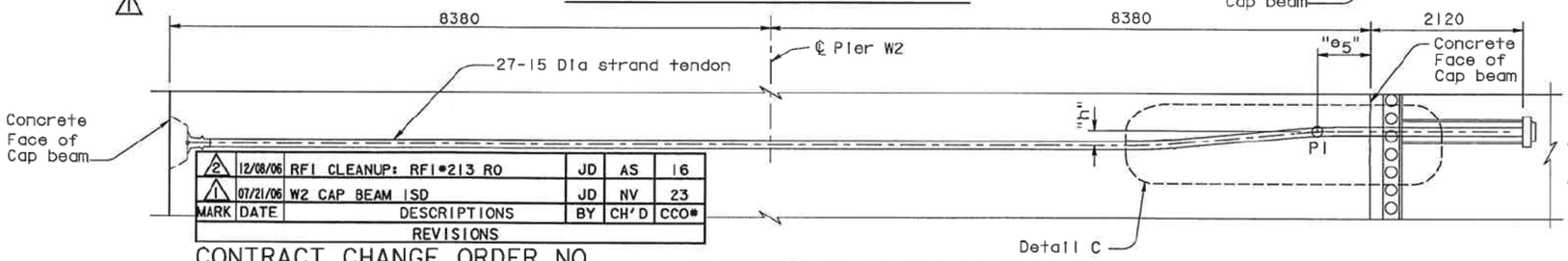
ELEVATION-TENDON TYPE 2



ELEVATION-TENDON TYPE 3



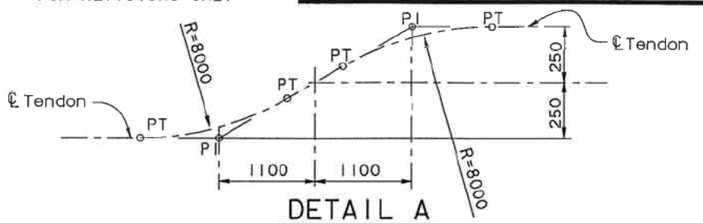
ELEVATION-TENDON TYPE 4



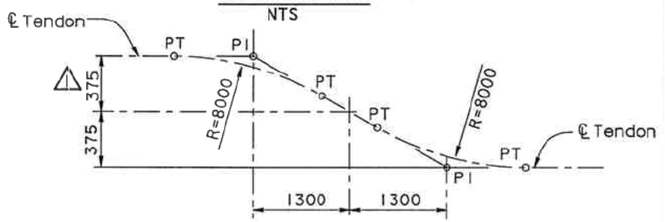
ELEVATION-TENDON TYPE 5

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
		REVISIONS			
⚠1	07/21/06	W2 CAP BEAM ISD	JD	NV	23
⚠2	12/08/06	RFI CLEANUP: RFI#213 R0	JD	AS	16

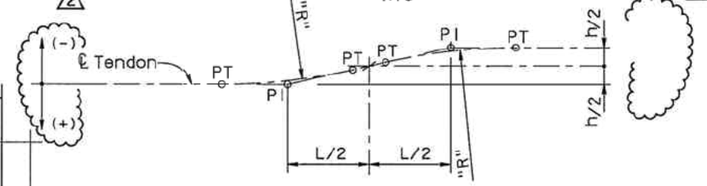
CONTRACT CHANGE ORDER NO. ____
SHEET ____ OF ____



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. ⚠1 Adjust vertical face to be normal to the axis of the tendon.
6. ⚠1 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.

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DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	472r2dl	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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DESIGN OVERSIGHT	DESIGN	DETAILS	QUANTITIES	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	BRIDGE NO.	KILOMETER POST
R. Valtzadeh/V. Toan/Y.L./W.L./F.C.	BY J. Sun	BY J. Duxbury	BY S. Shi	CHECKED M. Chen / M. Chen / D. Harrison	CHECKED R. Manzanarez	34-0006L/R	13.2/13.9
SIGN OFF DATE 12/08/06							

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

W2 CAP BEAM POST-TENSIONING DETAILS NO. 11

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

REVISION DATES (PRELIMINARY STAGE ONLY): 06/06/99 05/31/01 04/08/02 07/01/02 12/15/02

SHEET 055r2dl OF

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USERNAME => vignatovsky DATE PLOTTED => 21 NOV 2006 TIME PLOTTED => 08:46:29

100 % PS&E

W2 CAP BEAM CONTINUITY TENDON TABLE-1 FOR "E" LINE

Tendon No.	Type	Tendon No.	Type
1A	1	24A	1
1B	2	24B	2
2A	1	25A	1
2B	5	25B	2
3A	1	26A	1
3B	5	26B	2
4A	1	27A	1
4B	5	27B	2
5A	1	28A	1
5B	2	28B	2
6A	1	29A	3
6B	5	29B	2
7A	1	30A	3
⚠1 7B	5	30B	5, 9
8A	1	31A	3
8B	2	31B	5
9A	1	32A	1
9B	2	32B	5
10A	1	33A	1
10B	2	33B	5
11A	1	34A	1
11B	2	34B	2
12A	1	35A	1
12B	2	35B	2
13A	1	36A	1
13B	2	36B	5
14A	1	37A	1
14B	2	37B	5
15A	1	38A	1
15B	8 ⚠1	38B	2
16A	1	39A	1
16B	8 ⚠1	39B	5
17A	1	40A	1
17B	2	40B	5
18A	1	41A	1
18B	10 ⚠1	41B	5
19A	1	42A	1
19B	4	42B	2
20A	1	43	2
20B	4	44	2
21A	1		
21B	4		
22A	1		
22B	2		
23A	1		
23B	2		

W2 CAP BEAM CONTINUITY TENDON TABLE-1 FOR "W" LINE

Tendon No.	Type	Tendon No.	Type
1A	1	24A	1
1B	2	24B	2
2A	1	25A	1
2B	5	25B	2
3A	1	26A	1
⚠1 3B	5	26B	8
4A	1	27A	1
⚠1 4B	5	27B	8
5A	1	28A	1
5B	2	28B	2
6A	1	29A	3
6B	5	29B	2
7A	1	30A	3
⚠1 7B	5	30B	5, 9
8A	1	31A	3
8B	2	31B	5
9A	1	32A	1
9B	2	32B	5
10A	1	33A	1
10B	2	33B	5
11A	1	34A	1
11B	2	34B	2
12A	1	35A	1
12B	2	35B	2
13A	1	36A	1
13B	2	36B	5
14A	1	37A	1
14B	2	37B	5
15A	1	38A	1
15B	2	38B	5 ⚠2
16A	1	39A	1
16B	2	39B	5
17A	1	40A	1
⚠2 17B	2	40B	5
18A	1	41A	1
18B	2	41B	5
19A	1	42A	1
19B	4	42B	6 ⚠1
20A	1	43	2
20B	4	44	7 ⚠1
21A	1		
21B	4, 8 ⚠1		
22A	1		
22B	4, 8 ⚠1		
23A	1		
23B	2		

W2 CAP BEAM CONTINUITY TENDON TABLE-2 FOR "E" LINE

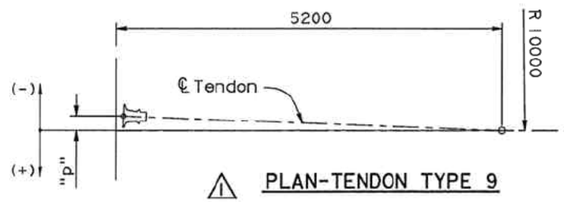
Tendon No.	h	L	e_5	R
2B	-40	2200	500	8000
3B	+40	2200	500	8000
4B	-70	2200	500	8000
6B	-40	2200	500	8000
7B	+40	2200	500	8000
⚠1 30B	-1300 ⚠2	2400	1200	4000
31B	-978	2400	1200	5000
32B	-763	2400	1200	4000
⚠1 33B	-470	2400	1200	8000
36B	+40	2200	500	8000
37B	-40	2200	500	8000
39B	-70	2200	500	8000
40B	⚠2 +90	2200	500	8000
41B	-90	2200	500	8000

⚠1 Tendon No.	p
15B	-50
16B	-50
30B	+200

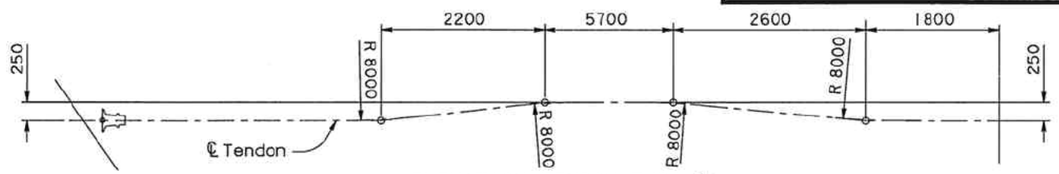
W2 CAP BEAM CONTINUITY TENDON TABLE-2 FOR "W" LINE

Tendon No.	h	L	e_5	R	
2B	-40	2200	500	8000	
3B	+40	2200	500	8000	
4B	-70	2200	500	8000	
6B	-40	2200	500	8000	
7B	+40	2200	500	8000	
⚠1 30B	-1375	-2400	1200	4000	⚠2
31B	-1053	2400	1200	5000	
32B	-795	2400	1200	5000	
⚠1 33B	-515	2400	1200	8000	
36B	+40	2200	500	8000	
37B	-40	2200	500	8000	
38B	+65	2200	500	8000	⚠2
39B	-130	2200	500	8000	
40B	+40	2200	500	8000	
41B	-40	2200	500	8000	

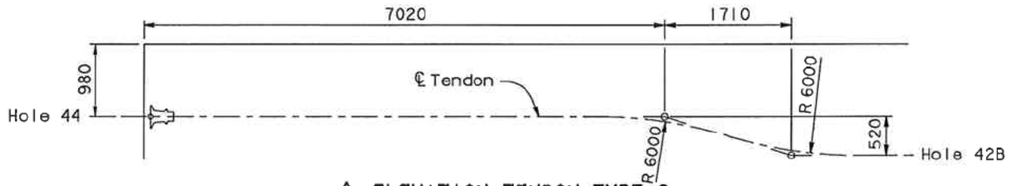
⚠1 Tendon No.	p
21B	+100
22B	+100
26B	-50
27B	-50
30B	-200
44	+1200



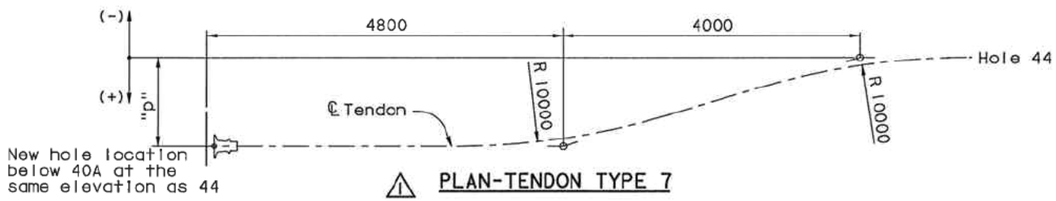
⚠1 PLAN-TENDON TYPE 9



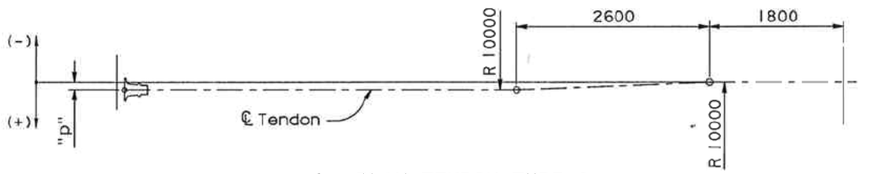
⚠1 ELEVATION-TENDON TYPE 10



⚠1 ELEVATION-TENDON TYPE 6



⚠1 PLAN-TENDON TYPE 7



⚠1 PLAN-TENDON TYPE 8

NOTES:

1. For Type 1 through Type 5 tendon geometry, see "W2 Cap Beam Post-Tensioning Details No. 11" sheet.
2. For general stressing sequence, see "Pier W2 Construction Sequence" sheet.
3. For additional prestressing details, see "Prestressing Notes" sheet.

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	473r2d1	1204

Caltrans Metric

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12-6-04
PLANS APPROVAL DATE

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MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
		REVISIONS			
2	12/08/06	RFI CLEANUP: RFI #135 RO; #213 RO	JD	AS	16
1	07/21/06	W2 CAP BEAM ISD	JD	NV	23

CONTRACT CHANGE ORDER NO. ____
SHEET ___ OF ___

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R. Vallzadeh/V. Toan/Y. L./W. L./F. C.
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SIGN OFF DATE 12/08/06

	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

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. 12

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 →

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

SHEET 056r2d1 OF

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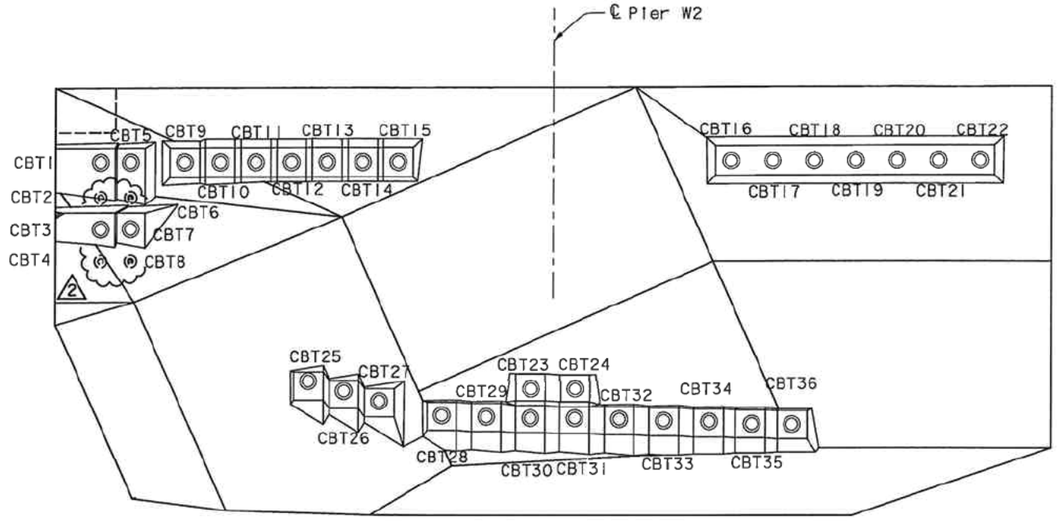
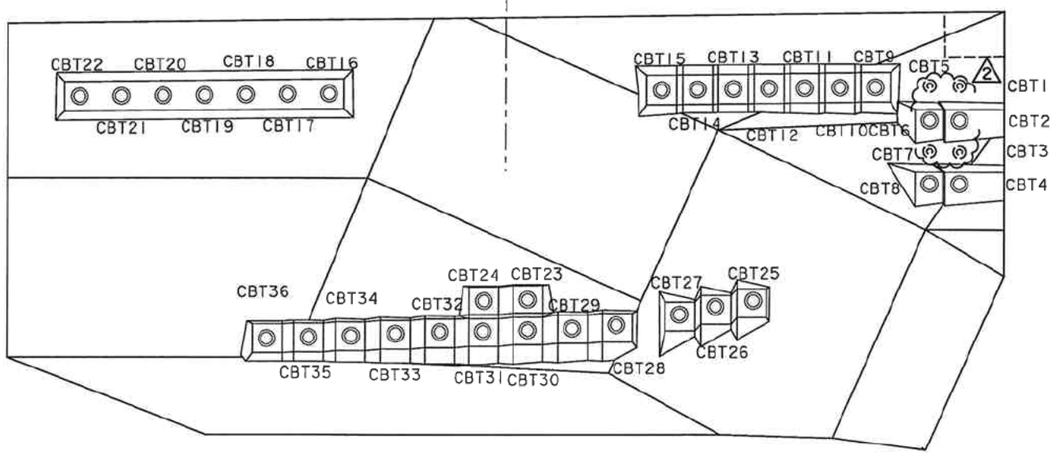


⚠ ELEVATION (Cap beam transverse PT tendons)
1:50



⚠ ELEVATION (Cap beam transverse PT tendons)
1:50

CAP BEAM TRANSVERSE PT TENDON BLOCKOUT TABLE

South face		North face	
Tendon	Blockout Detail	Tendon	Blockout Detail
CBT1	R	CBT1	S
CBT2	R	CBT2	S
CBT3	R	CBT3	S
CBT4	R	CBT4	S
CBT5	R	CBT5	S
CBT6	R	CBT6	S
CBT7	R	CBT7	S
CBT8	R	CBT8	S
CBT9	J	CBT9	J
CBT10	J	CBT10	J
CBT11	K	CBT11	K
CBT12	K	CBT12	K
CBT13	K	CBT13	K
CBT14	K	CBT14	K
CBT15	K	CBT15	K
CBT16	L	CBT16	L
CBT17	L	CBT17	L
CBT18	L	CBT18	L
CBT19	L	CBT19	L
CBT20	L	CBT20	L
CBT21	L	CBT21	L
CBT22	L	CBT22	L
CBT23	P	CBT23	P
CBT24	P	CBT24	P
CBT25	M	CBT25	M
CBT26	M	CBT26	M
CBT27	M	CBT27	M
CBT28	N	CBT28	N
CBT29	N	CBT29	N
CBT30	P	CBT30	P
CBT31	P	CBT31	P
CBT32	N	CBT32	N
CBT33	N	CBT33	N
CBT34	N	CBT34	N
CBT35	N	CBT35	N
CBT36	Q	CBT36	Q

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DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	499r2d1	1204

REGISTERED ENGINEER - CIVIL
12-6-04
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MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
		REVISIONS			
2	12/08/06	RFI CLEANUP: RFI#135 RO	JD	AS	16
1	07/21/06	W2 CAP BEAM ISD	JD	NV	23

CONTRACT CHANGE ORDER NO. ____
SHEET ___ OF ___

NOTES:

1. For Details J through L, see "W2 Cap Beam Blockout Details No.6" sheet.
2. For Details M and N, see "W2 Cap Beam Blockout Details No.7" sheet.
3. For Details P and Q, see "W2 Cap Beam Blockout Details No.8" sheet.
4. For Detail R, see "W2 Cap Beam Blockout Details No.9" sheet.
5. For Detail S, see "W2 Cap Beam Blockout Details No.10" sheet.
6. For additional prestressing details, see "Prestressing Notes" sheet.

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SIGN OFF DATE 12/08/06

	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

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)

W2 CAP BEAM BLOCKOUT DETAILS NO.2

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 | 07/08/02 | 12/19/02

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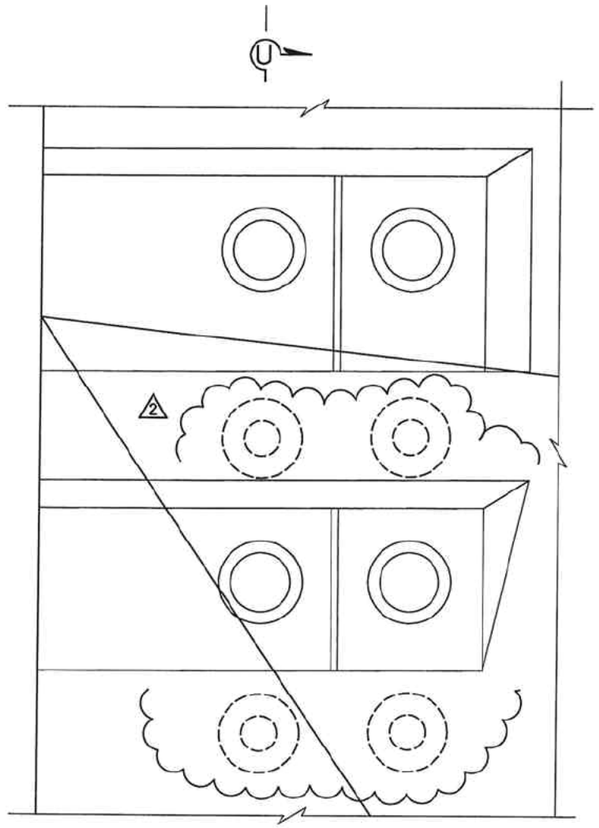

DETAIL R
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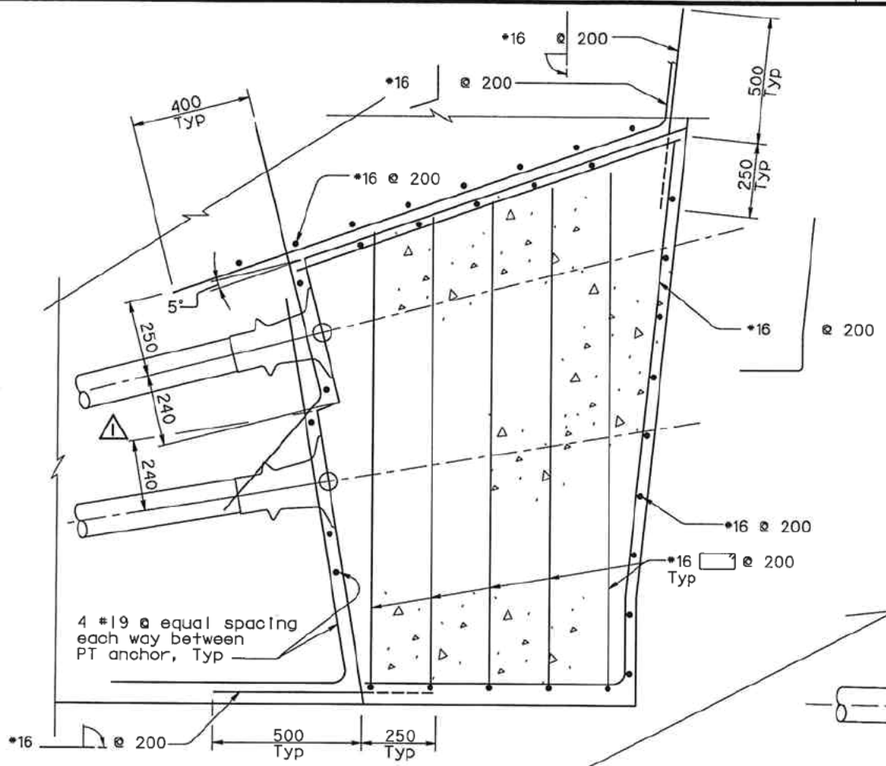

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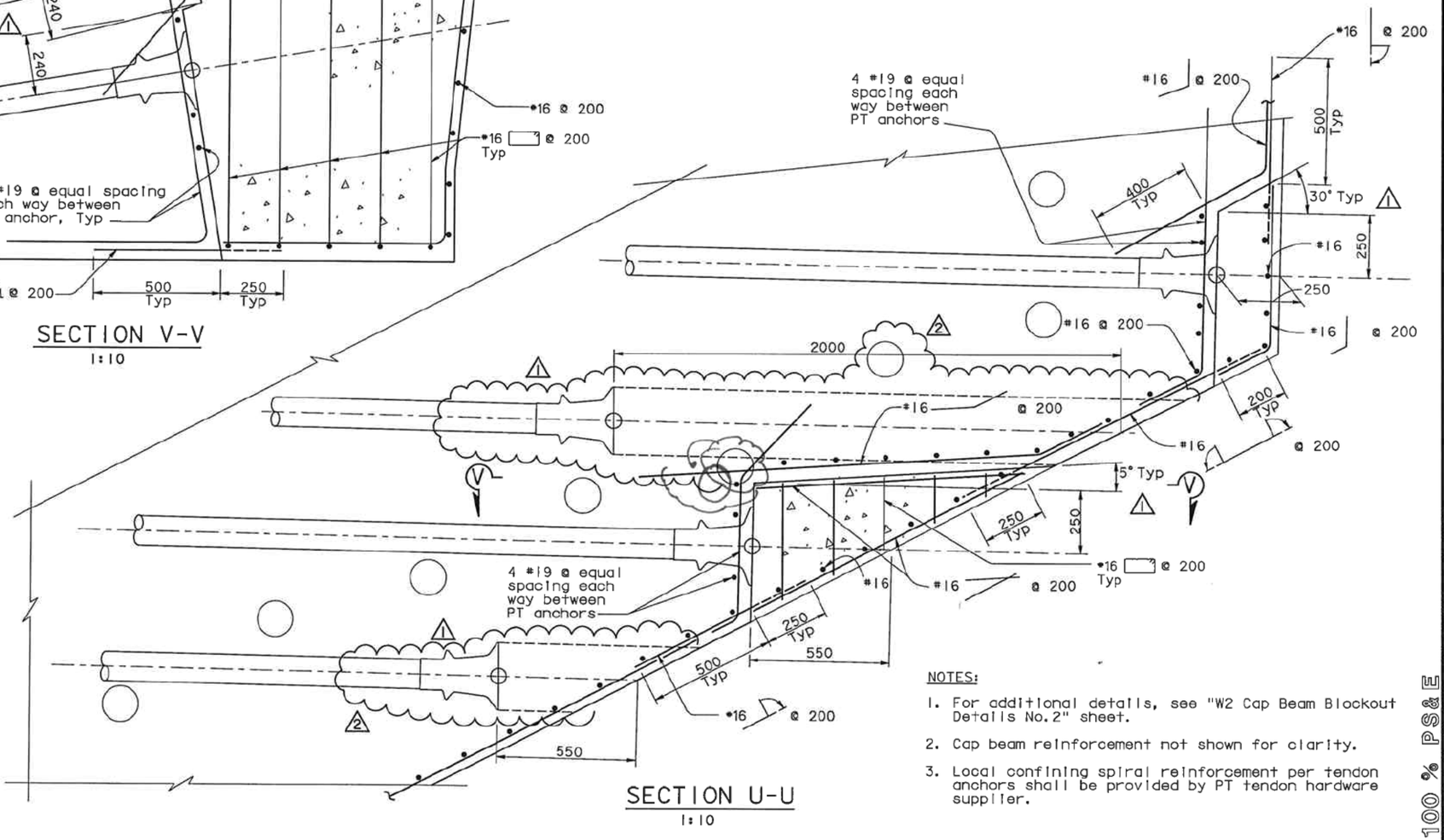

SECTION U-U
1:10

NOTES:

1. For additional details, see "W2 Cap Beam Blockout Details No.2" sheet.
2. Cap beam reinforcement not shown for clarity.
3. Local confining spiral reinforcement per tendon anchors shall be provided by PT tendon hardware supplier.

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	506r2d1	1204

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MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
		REVISIONS			
1	07/21/06	W2 CAP BEAM ISD	JD	NV	23
2	12/08/06	RFI CLEANUP: RFI#135 R0	JD	NV	16

CONTRACT CHANGE ORDER NO. _____
SHEET ____ OF ____

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

W2 CAP BEAM BLOCKOUT DETAILS NO. 9

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
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DETAILS	J. Duxbury	M. Chen
QUANTITIES	S. Shi	D. Harrison

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R. Manzanarez
PROJECT ENGINEER

BRIDGE NO.	KILOMETER POST
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SHEET 89r2d | OF

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

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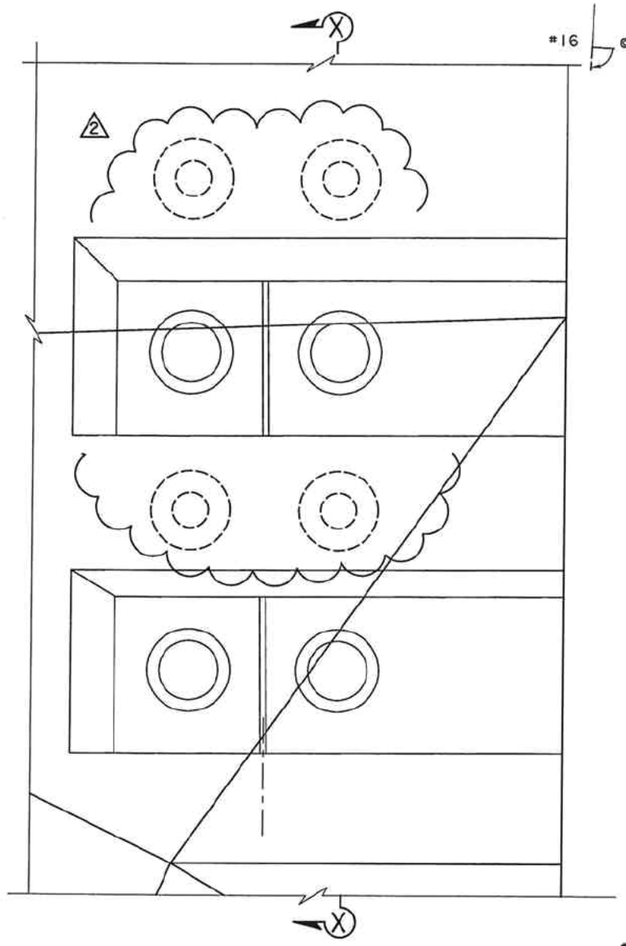

⚠ DETAIL S
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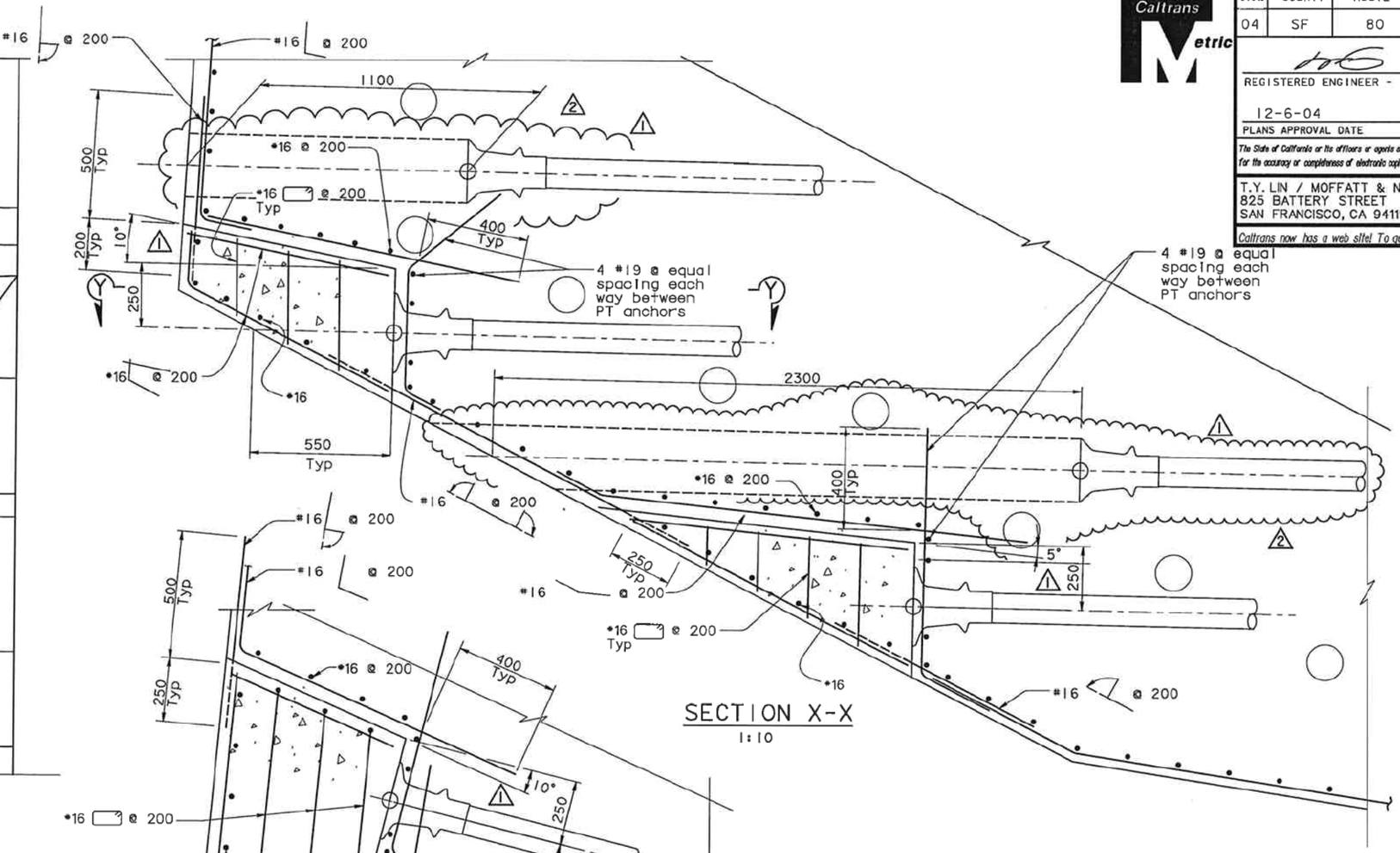

SECTION X-X
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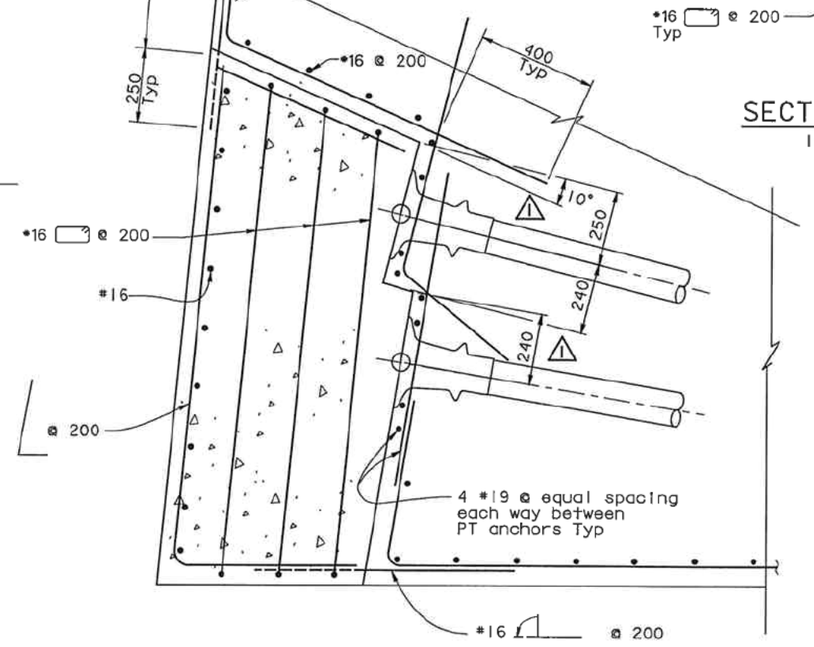

SECTION Y-Y
1:10

NOTES:

1. For additional details, see "W2 Cap Beam Blockout Details No.2" sheet.
2. Cap beam reinforcement not shown for clarity.
3. Local confining spiral reinforcement per tendon anchors shall be provided by PT tendon hardware supplier.

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

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1	07/21/06	W2 CAP BEAM ISD	JD	NV	23
2	12/08/06	RFI CLEANUP: RFI#135 R0	JD	AS	16

CONTRACT CHANGE ORDER NO. ____
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QUANTITIES	S. Shi	D. Harrison

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

W2 CAP BEAM BLOCKOUT DETAILS NO. 10

Rev. Date: 5-18-98

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

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