5 Rld 1

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
04	SF	80	13.2/13.9	5R1	1204

Caltrans Metric

Gene V. Lusherovich 12/19/02
REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.
303 Second St., Suite 700N
San Francisco, CA 94107-1317

REGISTERED PROFESSIONAL ENGINEER Gene V. Lusherovich No. C54338 Exp. 12/31/03 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.

Caltrans now has a web site! To get to the web site, go to http://www.dot.ca.gov

NOTE:

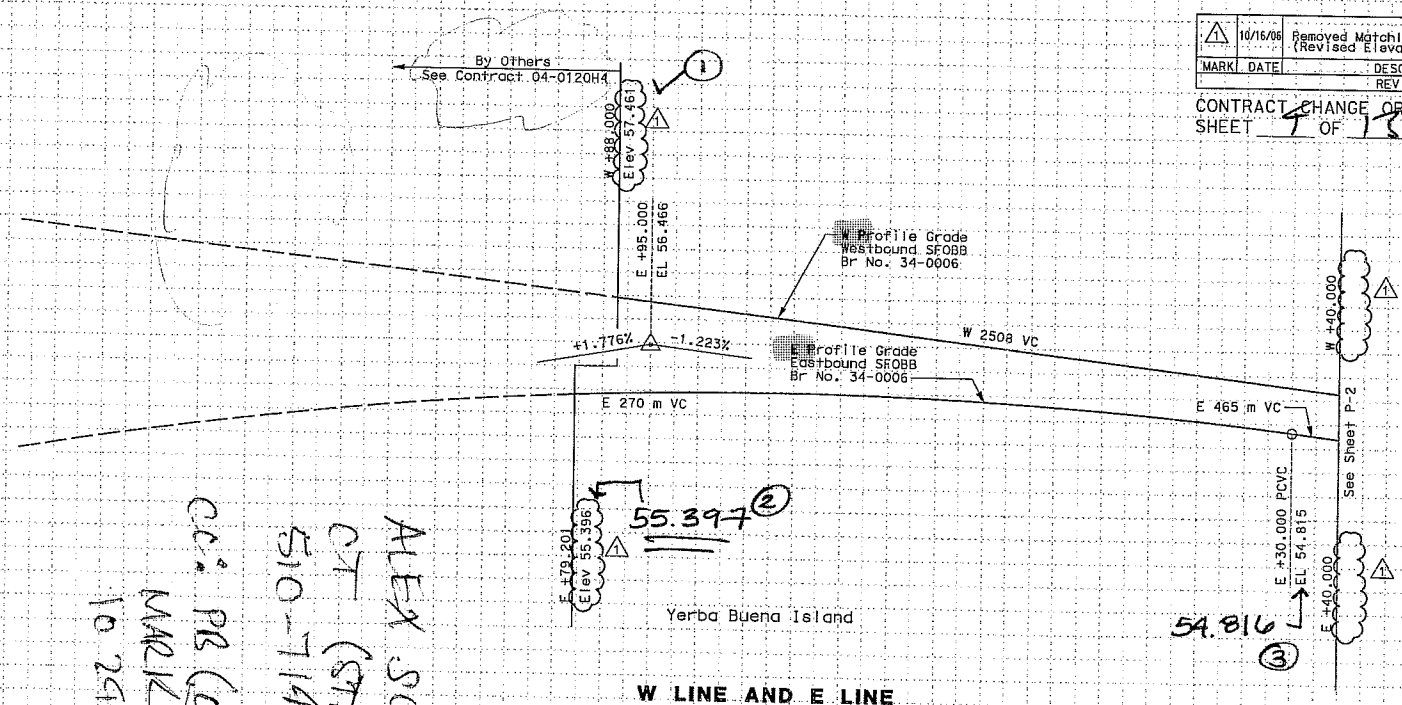
1. Elevation is based on 1929 National Geodetic Vertical Datum (NGVD).

REGISTERED PROFESSIONAL ENGINEER Mark Grodzki No. C65594 Exp. 9/31/07 CIVIL STATE OF CALIFORNIA

MARK	DATE	DESCRIPTIONS	REV	CK	
1	10/16/06	Removed Matchline Elevations (Revised Elevations)	LR	MG	CCO NO.11

REVISIONS

CONTRACT CHANGE ORDER NO. 11
SHEET 4 OF 13



ALEX SCHMITT
CT (STRUX)
510-714-7080 (N)
CC: PB (C)
MARK G.
10 24 06 TJ

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PROFILE
SCALE: 1:500 HORIZ
1:50 VERT

P-1

Station: +80 56+00 +20 +40 +60 +80 57+00 +20 +40 +60

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME =>$USER
DGN FILE =>$REQUEST

CU 04251 EA 0120F1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT: Bob Zandipour

CALCULATED/DESIGNED BY: GVL DATE 11/02 REVISED BY
CHECKED BY: KR 11/02 DATE REVISED

LAST REVISION 00-00-00 DATE PLOTTED => $DATE TIME PLOTTED => $TIME

CCO #11 (DRAFT "II") < GK 10 20 06 F (X2)

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT
04	SF	80	13.2/15.7

Gene V. Lusberovich 12/19/02
REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.
303 Second St., Suite 700N
San Francisco, CA 94107-1317

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.

Caltrans now has a web site! To get to the web site, go to http://www.dot.ca.gov

Caltrans Metric

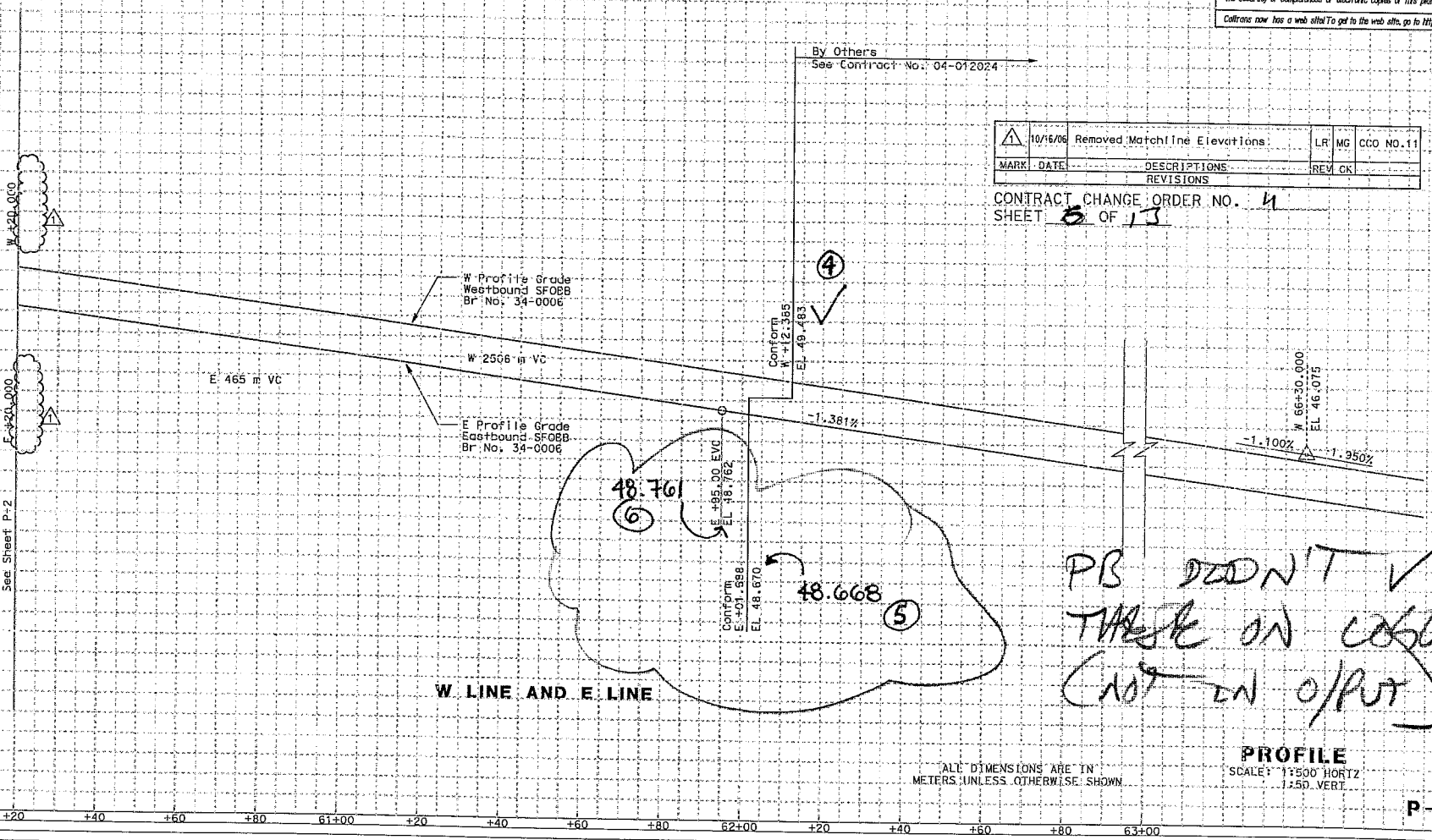
NOTE:

1. Elevation is based on 1929 National Geodetic Vertical Datum (NGVD).

MARK	DATE	DESCRIPTIONS	REV	CK	
1	10/16/06	Removed Matchline Elevations	LR	MG	CCO NO.11

REVISIONS

CONTRACT CHANGE ORDER NO. 4
SHEET 5 OF 13



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PROFILE
SCALE: 1:500 HORIZ
1:50 VERT

P-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT: Bob Zandipour

CALCULATED/DESIGNED BY: GVL
CHECKED BY: KR
DATE: 11/02
REVISED BY: DATE REVISED

Station: +20 +40 +60 +80 61+00 +20 +40 +60 +80 62+00 +20 +40 +60 +80 63+00

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME =>gradzki
DGN FILE =>T:\13103\MS\pse\SAS Struc\subm\rev\CCO 11\CU62\CU62520ff03.dgn

EA 0120F1

LAST REVISION 00-00-00
DATE PLOTTED => 10/16/2006
TIME PLOTTED => 3:03:05 PM

DIST	COUNTY	ROUTE	KILOMETER POST TO-AL PROJECT	SHEET NO	TOTAL SHEETS
04	SF	80	13.2/13.9	5	1204

Gene V. Lusterovich 12/19/02
REGISTERED CIVIL ENGINEER DATE

12-6-04
PLANS APPROVAL DATE

PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.
303 Second St., Suite 700N
San Francisco, CA 94107-1317

REGISTERED PROFESSIONAL ENGINEER — Gene V. Lusterovich — No. C54338 — EXP. 12/31/05 — CIVIL — STATE OF CALIFORNIA

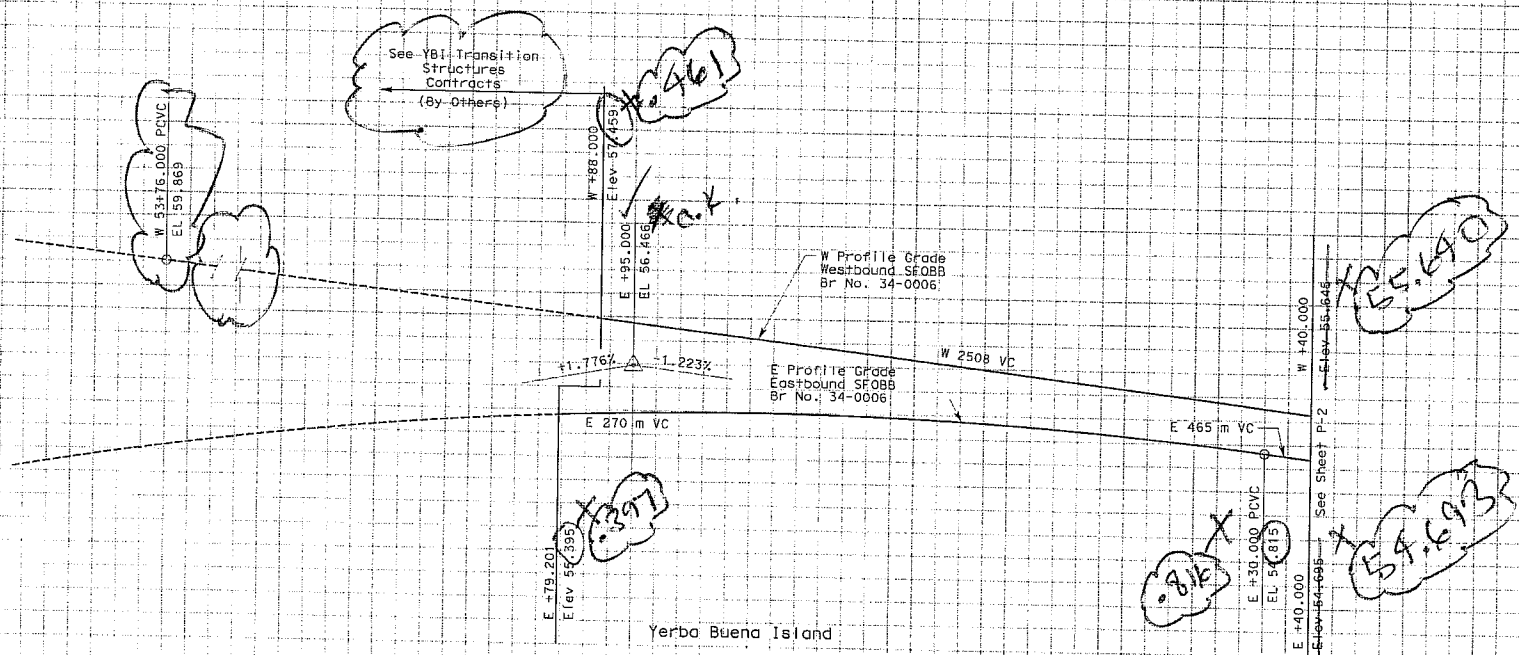
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

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

Caltrans Metric

NOTE:

1. Elevation is based on 1929 National Geodetic Vertical Datum (NGVD).



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PROFILE

SCALE: 1:500 HORIZ
1:50 VERT

P-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

DESIGN OVERSIGHT: Bob Zandipour

CALCULATED/DESIGNED BY: GVL — CHECKED BY: KR — DATE 8/02 — REVISED BY — DATE 11/02 — REVISED

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME =>trmikost
DGN FILE =>40120ff01.dgn

CU 04251 — EA 0120F1

LAST REVISION 00-00-00 — DATE PLOTTED => 09-DEC-2004 — TIME PLOTTED => 07:51

"CAPTIONAL" (AS-BUILT) DISTRICT TO 24 MAY 05

"ORIGINAL" (AS BID) [DISTRICT]

NOTE:

1. Elevation is based on 1929 National Geodetic Vertical Datum (NGVD).

Caltrans Metric

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	6	1204

Gene V. Lushenovich 12/19/02
REGISTERED CIVIL ENGINEER DATE

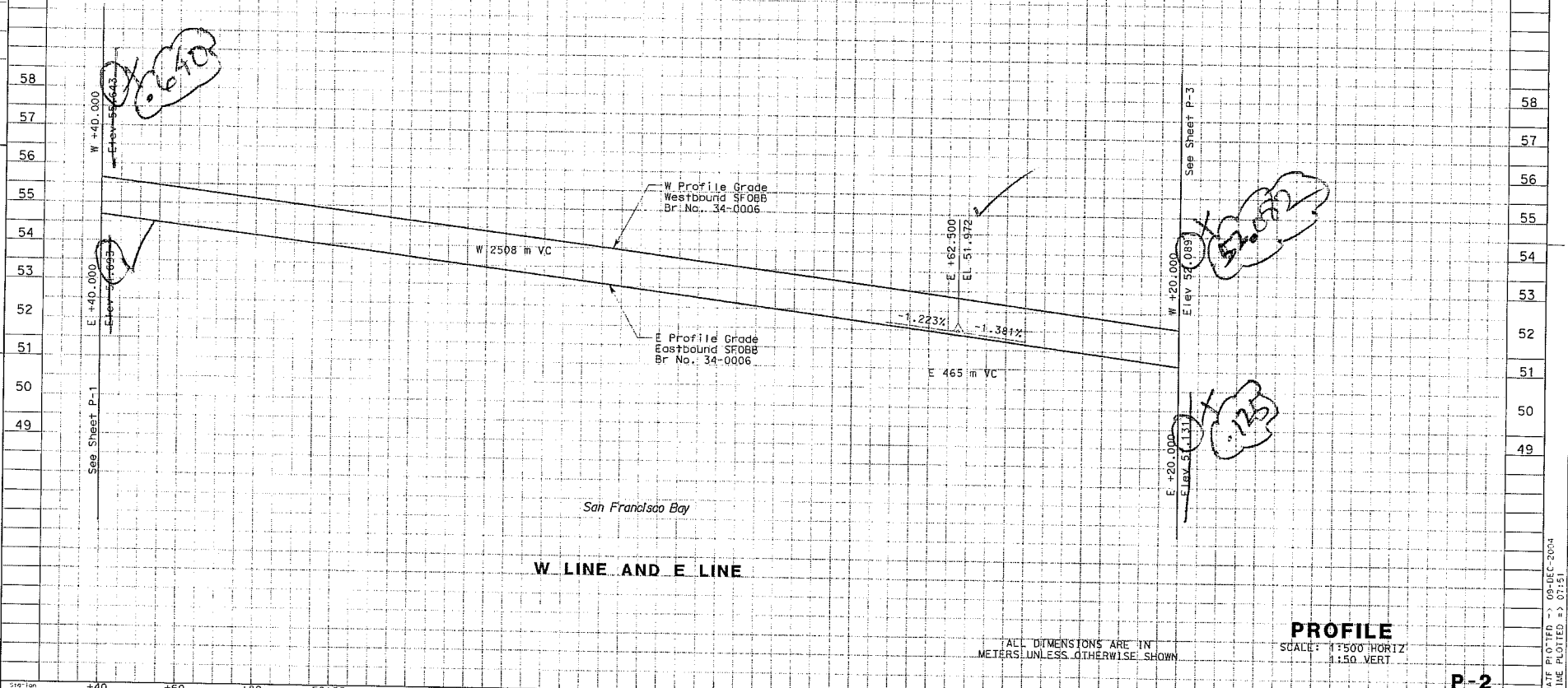
12-6-04
PLANS APPROVAL DATE

PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.
303 Second St., Suite 700N
San Francisco, CA 94107-1317

REGISTERED PROFESSIONAL ENGINEER Gene V. Lushenovich No. C54338 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.

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



W LINE AND E LINE

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PROFILE
SCALE: 1:500 HORIZ
1:50 VERT

P-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT: Bob Zandipour

CALCULATED/DESIGNED BY: GVL DATE 11/02 REVISED BY
CHECKED BY: KR 11/02 DATE REVISED

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME =>trmikesl
DGN FILE =>40120ff02.dgn

CU 04251 EA 0120F1

LAST REVISION 00-00-00 DATE PLOTTED => 09-DEC-2004 TIME PLOTTED => 07:51

AAJJ 102406 TU

"ORIGINAL" (AS BID) [DISTRICT]

NOTE:

1. Elevation is based on 1929 National Geodetic Vertical Datum (NGVD).

Caltrans Metric

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
04	SF	80	13.2/13.9	7	1204

Gene V. Lushenovich 12/19/02
REGISTERED CIVIL ENGINEER DATE

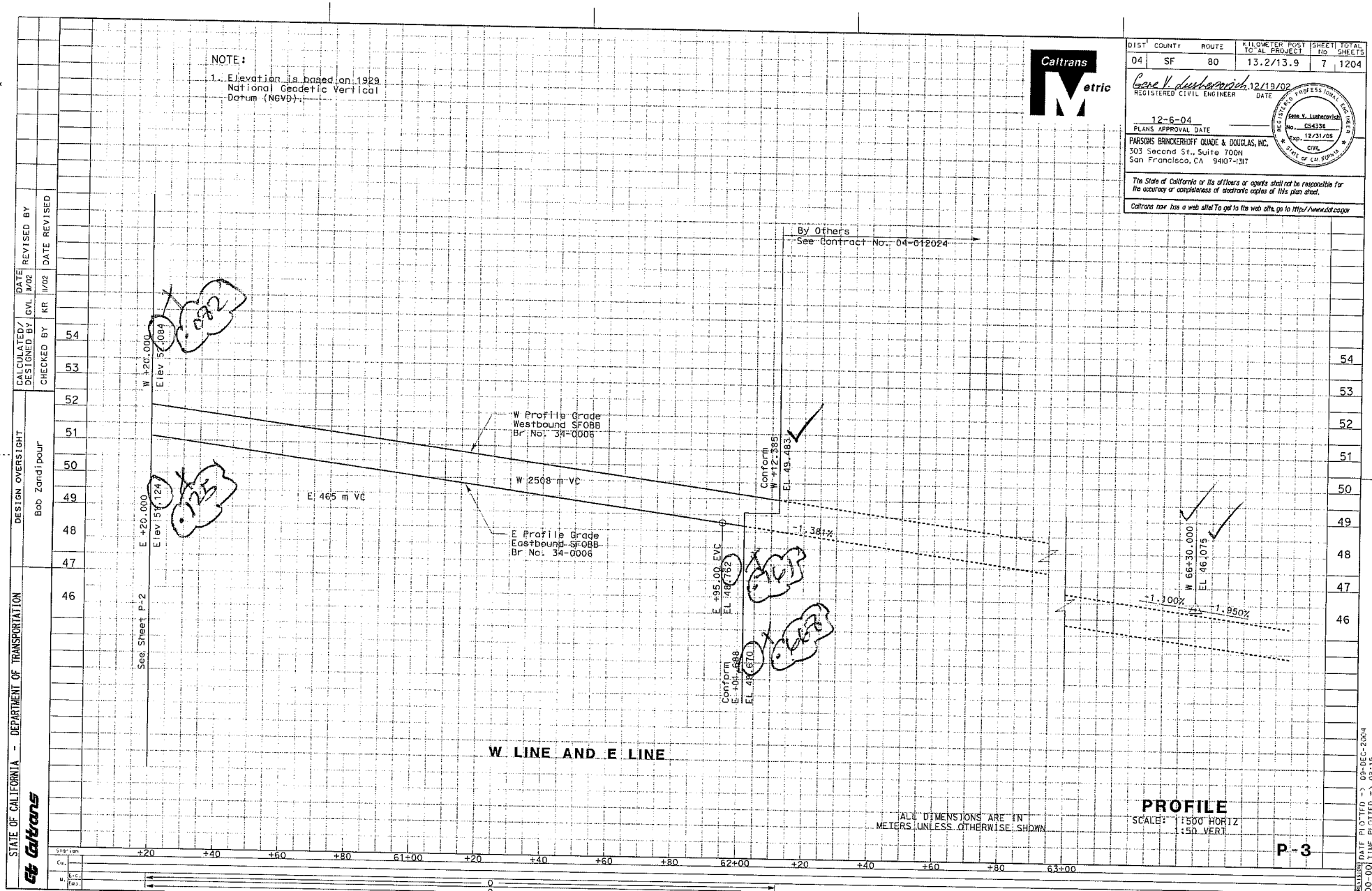
12-6-04
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Gene V. Lushenovich No. C54338 Exp. 12/31/05 CIVIL STATE OF CALIFORNIA

PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.
303 Second St., Suite 700N
San Francisco, CA 94107-1317

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.

Caltrans now has a web site! To get to the web site, go to http://www.dot.ca.gov



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT: Bob Zandipour

CALCULATED/DESIGNED BY: GVL DATE 11/02 REVISED BY
CHECKED BY: KR 11/02 DATE REVISED

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME =>trkathy
DGN FILE =>40120ff03.dgn

CU 04251

EA 0120F1

00-00-00 DATE PLOTTED => 09-DEC-2004
TIME PLOTTED => 08:15

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SF	80	13.2/13.9	419	1204

REGISTERED ENGINEER - CIVIL

12-6-04

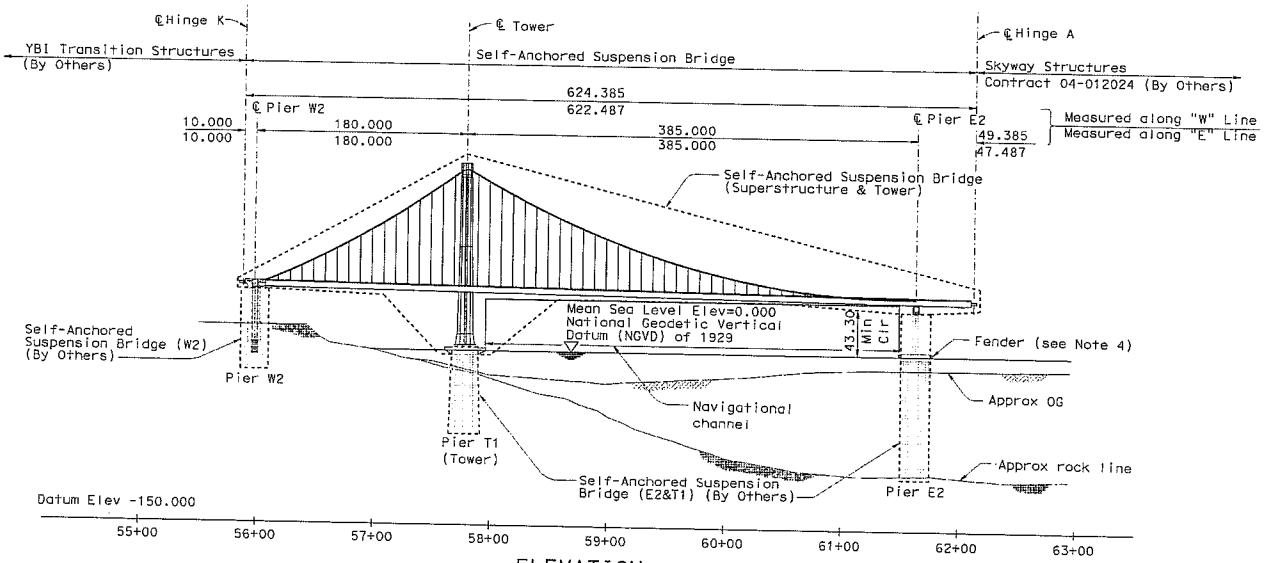
PLANS APPROVAL DATE

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

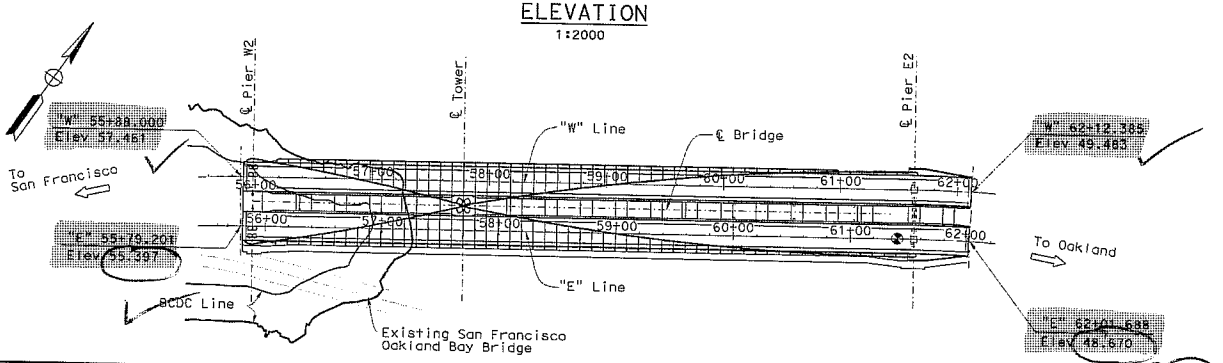
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

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



ELEVATION
1:2000



PLAN
1:2000

LEGEND:

- Point of Min vertical clearance
- Indicates direction of travel

NOTES:

1. For index to plans, see "Index To Plans" sheet.
2. For general notes and index to Caltrans Standard Plans, see "General Notes" sheets.
3. For sections, see "Cross Section" sheet.
4. Fender for Pier E2 foundation is part of the Self-Anchored Suspension Bridge (E2 & T1) contract (by others).
5. For profile and superelevation diagrams, see "Deck Contours" sheets.
6. For quantities, see "General Notes No.2" sheet.
7. For hydrologic summary, see "Pile Data" sheet.
8. Tie-down cables, cover slab and chain link railing at Pier W2 are part of Self-Anchored Suspension Bridge (Superstructure & Tower) contract.
9. The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

CALTRANS OVERSIGHT

PROJECT MANAGER	Brian Maroney 12/19/02
CONTRACT MANAGER	Ade Akinsanya 12/19/02
SPECIFICATION MANAGER	Mike Whiteside 12/19/02
SPECIFICATION OVERSIGHT	Steve Margaris 12/19/02
DESIGN OVERSIGHT	R. Valizadeh/ V. Toan/ Y. Liu/ W. Long/ F. Carpio
SIGN OFF DATE	12/19/02

Rev. Dates 5-18-98

	BY	CHECKED	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44, ALTERNATIVE AND PERMIT DESIGN LOAD AND LRT LOADS
DESIGN	M. Nader	S. Rodriguez	LAYOUT	M. Nader / S. Rodriguez
DETAILS	M. Nader	S. Rodriguez	SPECIFICATIONS	J. Rucker / J. Rucker (PLANS AND SPECS COMPARED)
QUANTITIES	T. Ho	N. Vo		

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

R. Manzanarez
PROJECT ENGINEER

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

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

CU 04
EA 0120F1
FILE -> oagp001.dgn

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)

GENERAL PLAN

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY) 01/30/98 03/30/98 05/08/98 05/11/98 06/08/98 07/29/98 12/19/02

SHEET 002 OF

USERNAME => tranquyen DATE PLOTTED => 03-DEC-2004 TIME PLOTTED => 13:22

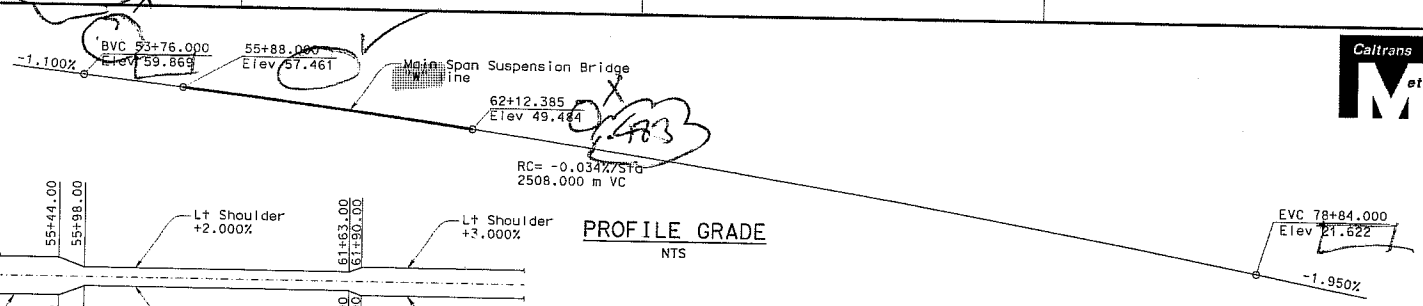
100 % PS&E

"ORIGINAL" (AS-BUILT) ESTIMATE

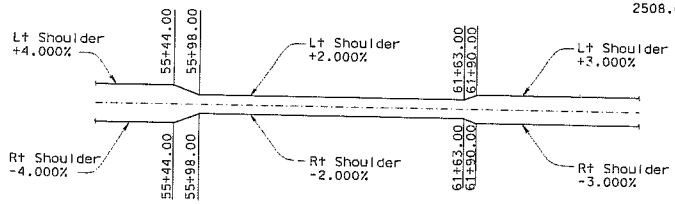
10246 TV

"ORIGINAL" (AS BID) [STRUX]

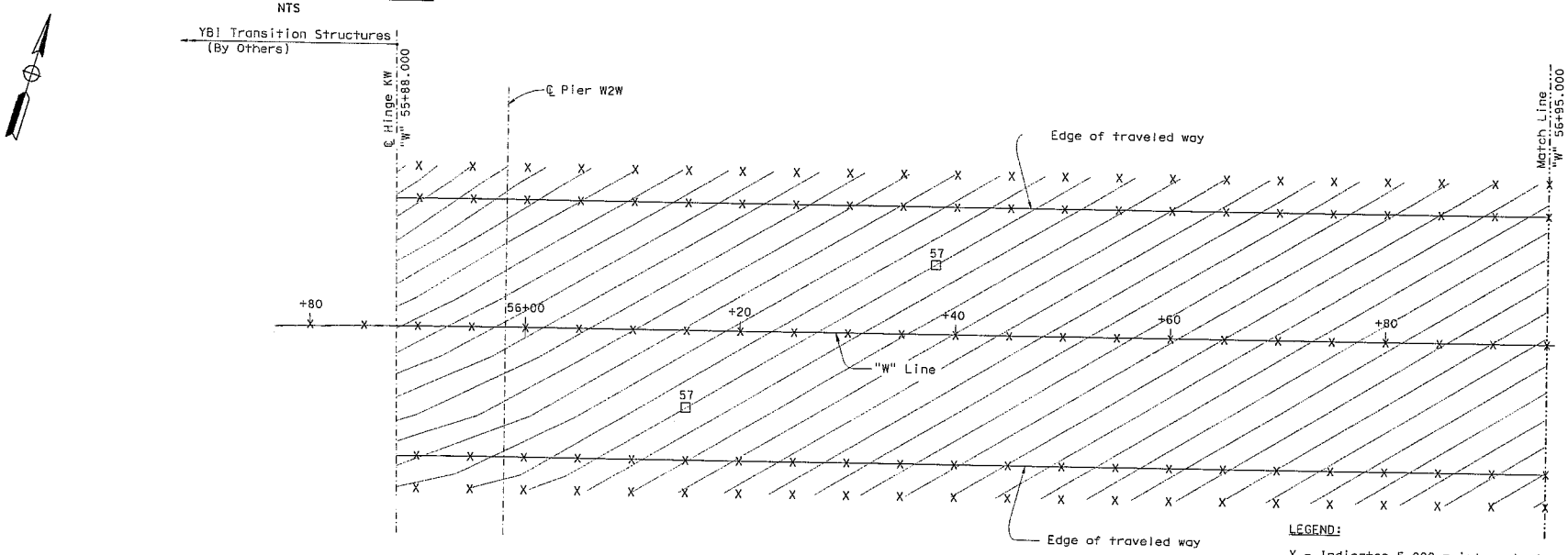
PCVC



PROFILE GRADE
NTS



SUPERELEVATION DIAGRAM
NTS



PARTIAL PLAN
1:200

LEGEND:

X - Indicates 5.000 m interval along station line
□ - Indicates even meter contour

NOTES:

1. Contour interval at 0.050 meter.
2. Contours are for top roadway surface.
3. Contours do not include camber.

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	432	1204

Caltrans Metric

REGISTERED ENGINEER - CIVIL

12-6-04
PLANS APPROVAL DATE

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.

REGISTERED PROFESSIONAL ENGINEER Tien Hung Ho No. C 43990 Exp. 06/03/05 CIVIL STATE OF CALIFORNIA

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

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

R. Valizadeh/V.Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
Sign Off Date 12/19/02
Rev. Date: 5-18-98

DESIGN	BY T. Ho	CHECKED M. Nader	
DETAILS	BY V. Ignatovsky	CHECKED M. Nader	
QUANTITIES	BY D. Harrison	CHECKED 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)

DECK CONTOURS 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)

SHEET 015 OF

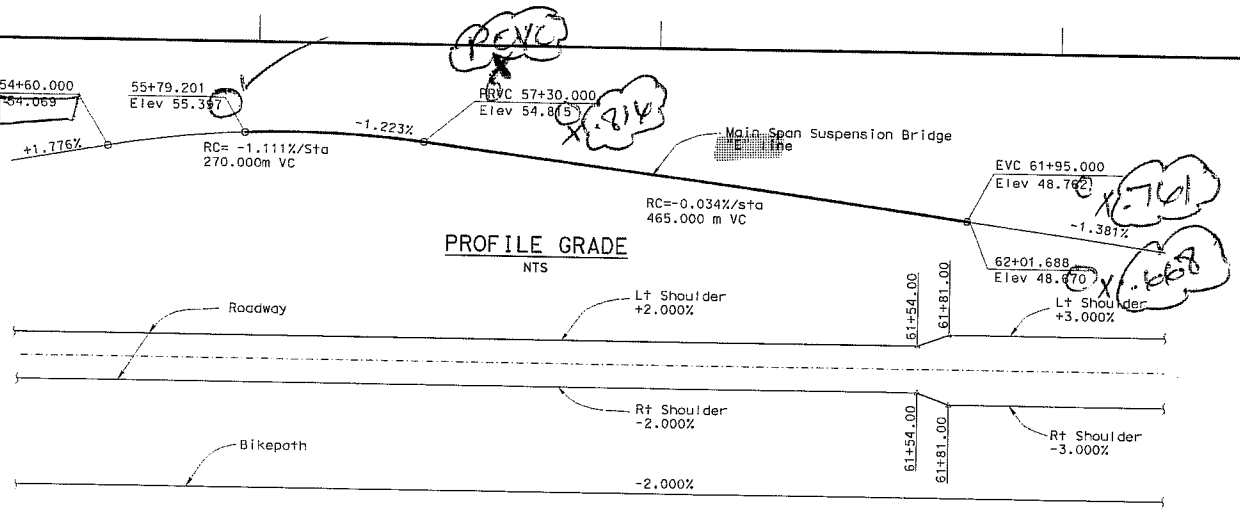
FILE -> abdkc01.dgn

100 % PS&E

USERNAME => trienhard DATE PLOTTED => 01-FEB-2005 TIME PLOTTED => 12:42

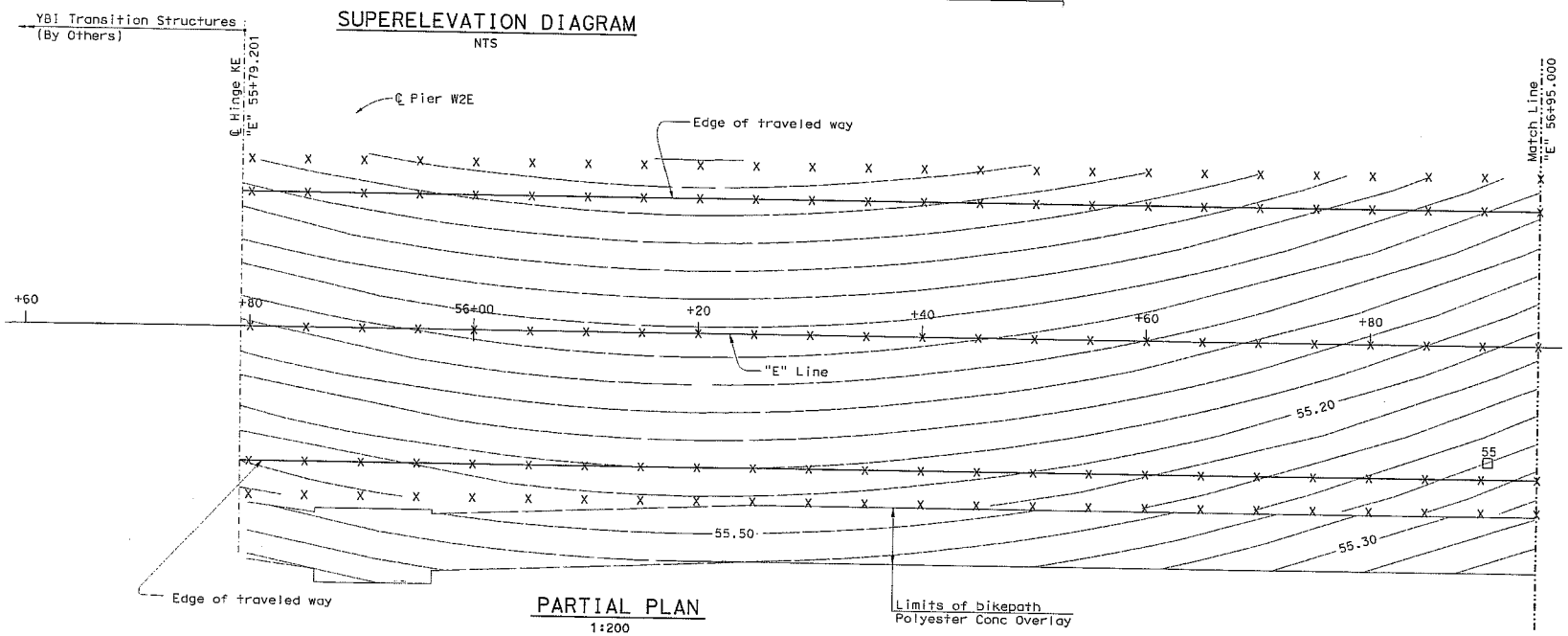
AAJS 102406 TV

"ORIGINAL" (AS BID) [STRUX]



PROFILE GRADE
NTS

SUPERELEVATION DIAGRAM
NTS



PARTIAL PLAN
1:200

Caltrans Metric

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SF	80	13.2/13.9	437	1204

REGISTERED ENGINEER - CIVIL
12-6-04
PLANS APPROVAL DATE
REGISTERED PROFESSIONAL ENGINEER Tien Hung Ho No. C 43990 Exp. 06/03/05 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

Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov

LEGEND:

X - Indicates 5.000 m interval along station line
□ - Indicates even meter contour

NOTES:

1. Contour interval at 0.050 meter.
2. Contours are for top roadway surface.
3. Contours do not include camber.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

R. Valizadeh/V.Toan/Y.L./M.L./F.C.
DESIGN OVERSIGHT
SIGN OFF DATE 12/19/02
Rev. Dates 5-18-98

	BY	CHECKED
DESIGN	T. Ho	M. Nader
DETAILS	V. Ignatovsky	M. Nader
QUANTITIES	D. Harrison	N. Vo

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

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

R. Manzanarez
PROJECT ENGINEER

CU 04
EA 0120F1

FILE -> 03dk06.dgn

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)

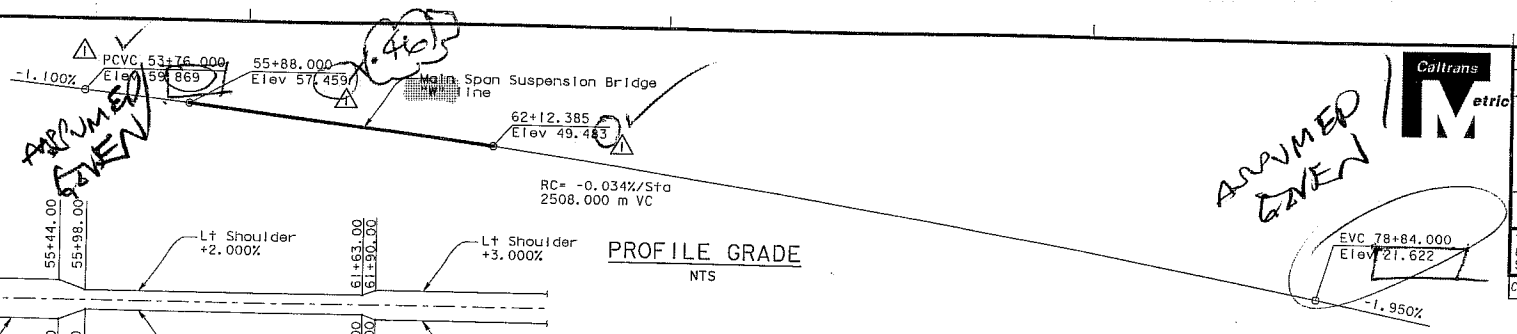
DECK CONTOURS No.6

DISREGARD PRINTS BEARING EARLIER REVISION DATES
REVISION DATES (PRELIMINARY STAGE ONLY) 01/15/96 05/29/96 08/30/96 05/31/01 08/06/02 03/06/02 12/19/02
SHEET 020 OF

100 % PS&E

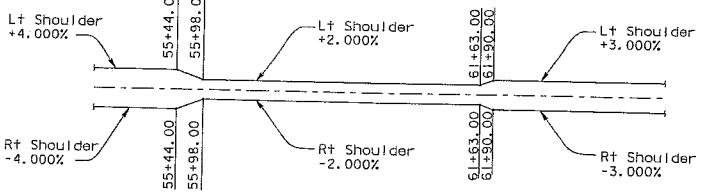
USERNAME -> FS41TK DATE PLOTTED -> 21-JAN-2003 TIME PLOTTED -> 13:39

4AJS 102406TV



PROFILE GRADE

NTS



SUPERELEVATION DIAGRAM

NTS

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	432R1	1204

REGISTERED ENGINEER - CIVIL

12-6-04

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Tien Hung Ho No. C 43990 Exp. 08/30/07 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

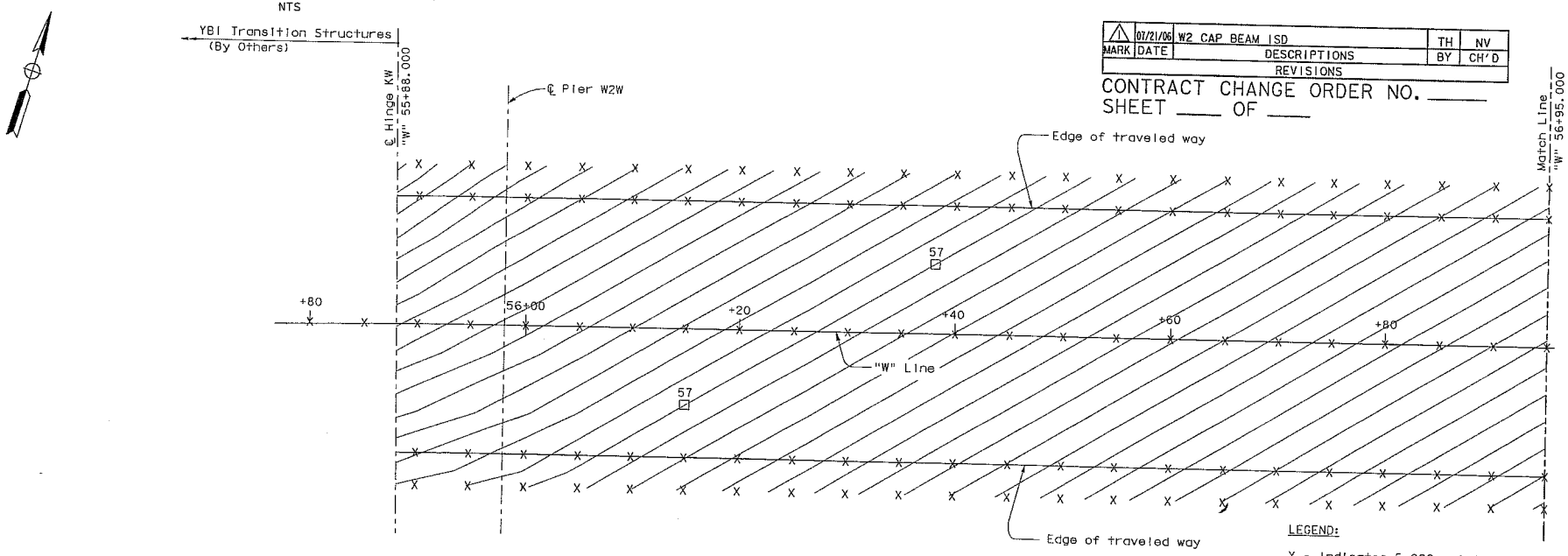
Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov

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

REVISIONS

CONTRACT CHANGE ORDER NO. ____

SHEET ____ OF ____



PARTIAL PLAN

1:200

LEGEND:

X - Indicates 5.000 m interval along station line

□ - Indicates even meter contour

NOTES:

1. Contour interval at 0.050 meter.
2. Contours are for top roadway surface.
3. Contours do not include camber.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

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

DESIGN	BY T. Ho	CHECKED M. Nader	
DETAILS	BY V. Ignatovsky	CHECKED M. Nader	
QUANTITIES	BY D. Harrison	CHECKED 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

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

CU 04
EA 0120F1

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

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

DECK CONTOURS NO. 1

SHEET 015R1 OF

FILE => p:\bb\04-01200\sas readv august 2005\coa*23\abdkc01.dgn

USERNAME => V.IGNATOVSKY DATE PLOTTED => 14 JUL 2006 TIME PLOTTED => 08:28:58

100% PS&E

CCO #25 (Part II)

10 2424 TV

CCO #23 (DRAFT "II")

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	437R1	1204

Caltrans Metric

REGISTERED ENGINEER - CIVIL

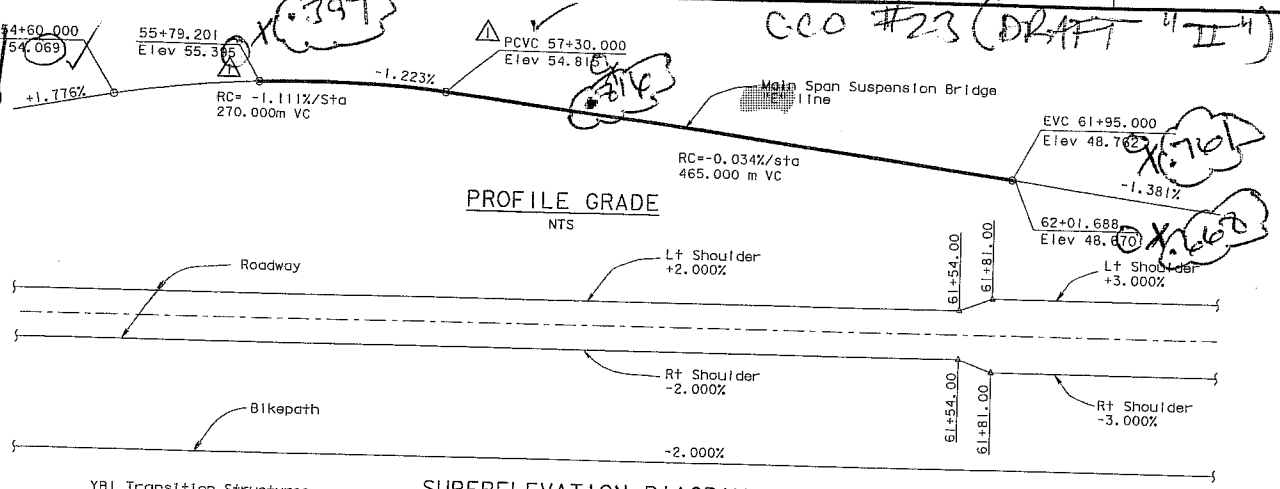
12-6-04
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Tian Hung Ho No. C 43990 Exp. 06/30/07 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



PROFILE GRADE
NTS

SUPERELEVATION DIAGRAM
NTS

LEGEND:

X - Indicates 5.000 m interval along station line
□ - Indicates even meter contour

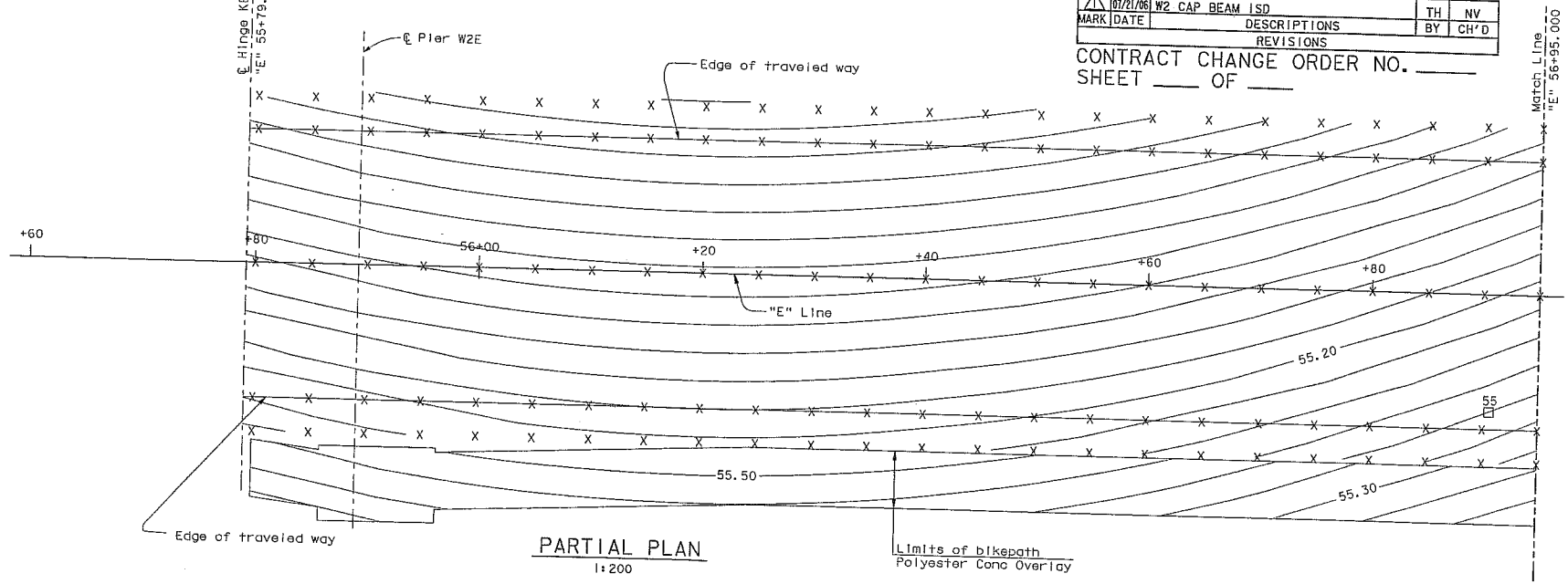
NOTES:

1. Contour Interval at 0.050 meter.
2. Contours are for top roadway surface.
3. Contours do not include camber.

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

REVISIONS

CONTRACT CHANGE ORDER NO. ____
SHEET ____ OF ____



PARTIAL PLAN
1:200

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

R. Valizadeh/V. Toan/Y.L./M.L./F.C.
DESIGN OVERSIGHT
SIGN OFF DATE 07/21/06
Rev. Date: 5-15-98

DESIGN	BY T. Ho	CHECKED M. Nader	
DETAILS	BY V. Ignatovsky	CHECKED M. Nader	
QUANTITIES	BY D. Harrison	CHECKED 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)

DECK CONTOURS No. 6

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)
01/07/99 05/07/99 06/07/99 05/07/04 06/06/05 07/07/06 12/13/06

SHEET 020R1 OF

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

FILE => p:\bb\04-012001\sas readv august 2005\cco#23\abdkc06.dgn

AAJS 102406 TU

100% PS&E

USERNAME => vigontovskyie PLOTTED => 14 JUL 2006 TIME PLOTTED => 09:36:46