DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	695R2	1204

George Baker
REGISTERED ENGINEER - CIVIL
12-6-04
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — George S. Baker — No. C57112 — Exp. 12/31/05 — CIVIL — STATE OF CALIFORNIA

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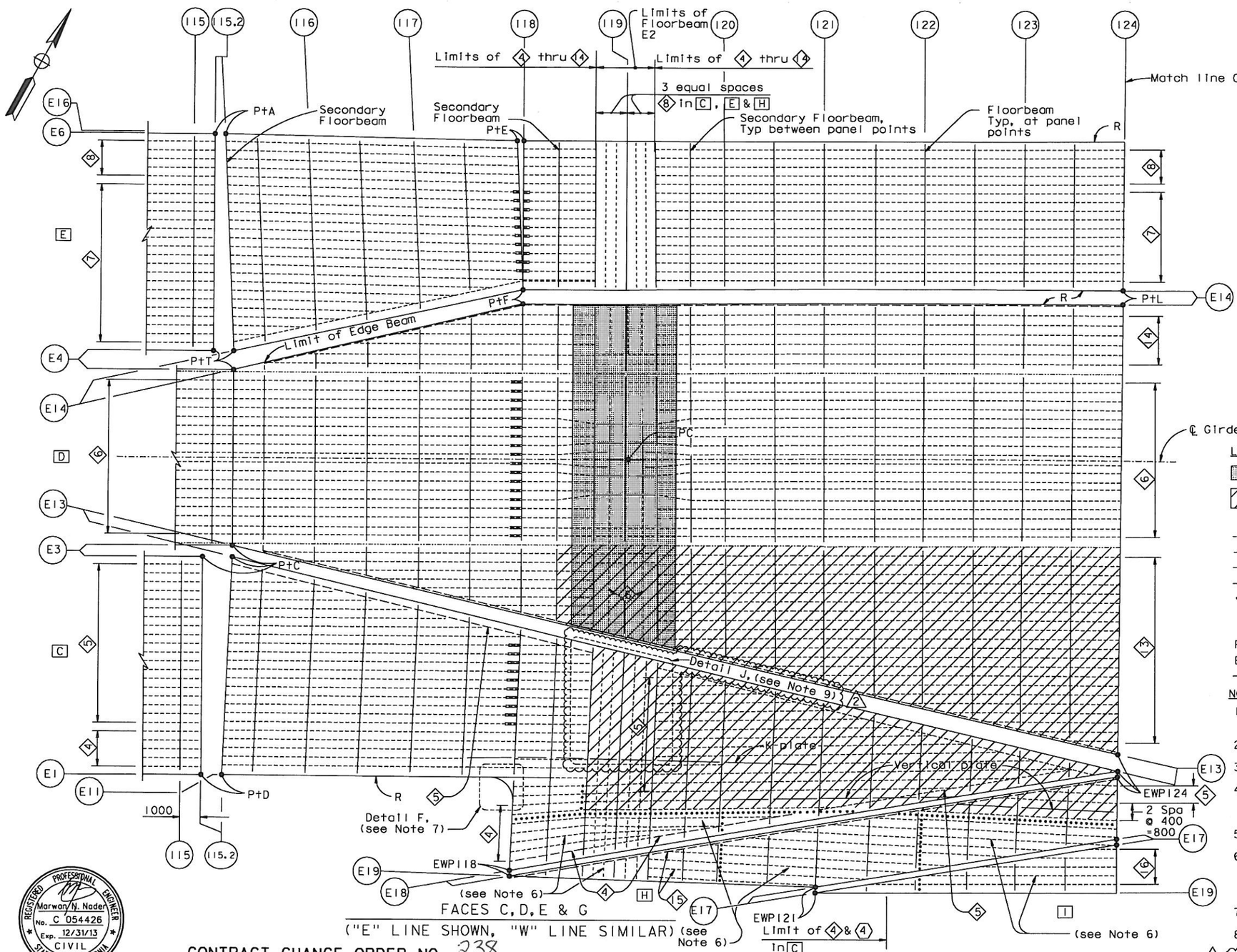
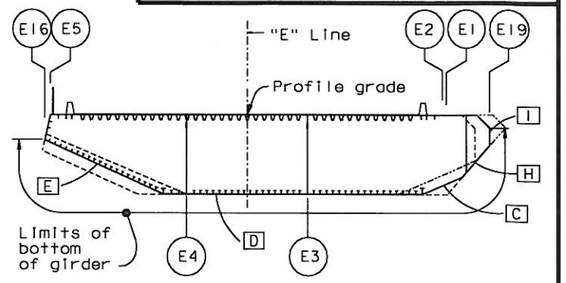


BOTTOM GIRDER FACE LAYOUT
1:100



FACE KEY SECTION
1:200

LEGEND:
- "Indicates Key Plate", key plate shall be TTP (see Note 3)
- Indicates SPCM shell plate only UNO
- [D] Girder face designation D
- ------- Stiffener type 5, 6, 7, 8 or 9
- ------- Other stiffener
- – – – – Edge beam, (see Note 4)
- ····· Longitudinal shear plate type 2
- ••••••• Bolted splice, (see Note 6)
- ◇5 Stiffener type 5 designation
- R - Radius, (see Note 2)
- Pt A - Point A, (see Note 2)
- EWP - "E" Line working point
- ——— K-plate, vertical plate

NOTES:
1. For details and dimensions not shown, see "Girder At East Transition No.1" through "Girder At East Transition No.4" sheets.
2. Dimensions not given shall be determined from the highway geometry and box girder working points.
3. For Details at Floorbeam E2, see "Girder At Pier E2 No.1" sheet.
4. Unless noted otherwise, edge beam shall have the same dimensions and details as longitudinal shear plate type 1, see "Typical Girder Details No.8" and "Typical Floorbeam Details No.5" sheets.
5. Plate edges identified with "R" are curved. All other plate edges are straight.
6. For PP118 to 124 the indicated portions of [C], [H] and [I], bounded by the bolted splices are architectural housings. For bolted splice details, see "Girder At East Transition Details No.3" sheet. Housing shall be installed after full cable dead load force is applied to the box girder.
7. For Detail F, see "Girder At East Transition Details No.4" sheet.
8. For stiffener transition details near PP118, see "Typical Girder Details No.16A" sheet
2. 9. For Detail J, see "Girder At East Transition No.13A" sheet.

Marwan N. Nader — No. C 054426 — Exp. 12/31/13 — CIVIL — STATE OF CALIFORNIA
FOR REVISIONS ONLY

CONTRACT CHANGE ORDER NO. 238
SHEET 2 OF 3

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

R. Vallzadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
SIGN OFF DATE 03/02/12

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
2	03/02/12	OBG RETROFIT AT PP119	GB	MN	238
1	05/20/11	STIFFENER TRANSITIONS AT PP14 & PP118	DT	GB	204

REVISIONS

	BY	CHECKED
DESIGN	G. Baker	P. Ritchie
DETAILS	M. Gulyas	T. McMeans
QUANTITIES	G. Baker	M. Roberts

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)

GIRDER AT EAST TRANSITION NO. 13

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): 05/17/01 | 04/06/02 | 07/09/02 | 12/19/02

SHEET 278R2 OF

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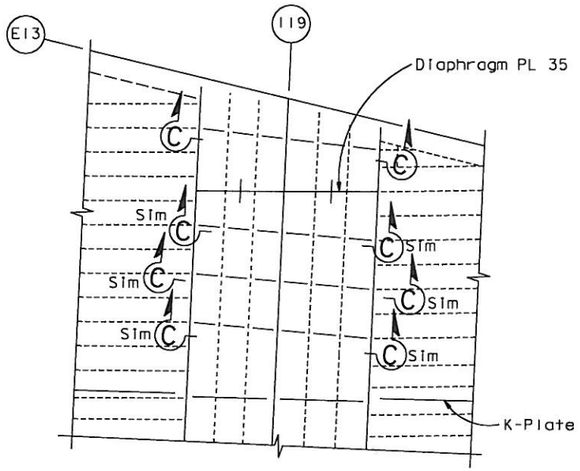
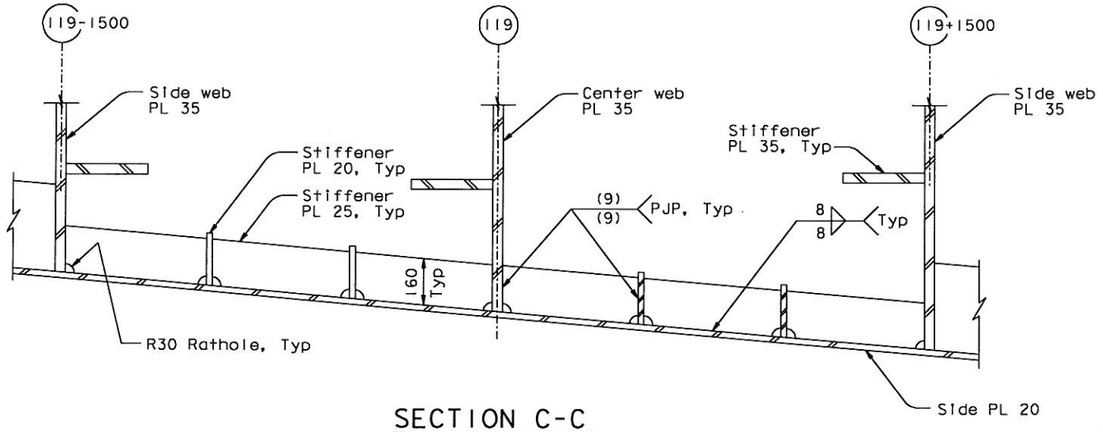


DETAIL J
1:50

("E"-LINE SHOWN, "W"-LINE SIMILAR)



SECTION C-C
1:10

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	695S1	1204

REGISTERED ENGINEER - CIVIL

03-02-12
PLANS APPROVAL DATE

Marwan N. Nader
No. C 054426
Exp. 12/31/13
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

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CONTRACT CHANGE ORDER NO. 238
SHEET 3 OF 3

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R. Valtzadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
SIGN OFF DATE 03/02/12

MARK	DATE	REVISIONS DESCRIPTIONS	BY	CH'D	CCO#
0	03/02/12	OBG RETROFIT AT PP119	GB	MN	238

	BY	CHECKED
DESIGN	G. Baker	M. Nader
DETAILS	G. Baker	H. Tazlr
QUANTITIES	G. Baker	H. Tazlr

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)

GIRDER AT EAST TRANSITION NO. 13A

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): 03/02/12

SHEET 278S1 OF

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