



P.O. BOX 23223 Oakland, CA 94623
 Phone (510) 419-0120 / Fax (510) 839-0666

LETTER OF SUBMITTAL
KFM Skyway Project # 04-012024

Run Date 29-Nov-05
Time 4:43 PM

Dated: 29-Nov-2005

SUBMITTAL No: KFM-SUB-004995

Rev: 01

To: Doug Coe
 Caltrans-Skyway Project
 345 Burma Road
 Oakland CA 94607
 Phone: Fax:

Co/Job # 364-3726
Contract # 04-012024
Sub/Supplier: USI
Sub/Supplier No: 1373

Subject: USI - Documents Clearing NCR #151 (METS NCR #138) - Shop Drawings

Special Provis. (SP) REF: 08-3.01
Standard Spec. (SS) REF:

RESUBMITTAL/SUPPLEMENTAL REF:

- We are sending the following attached items:**
- Attached
 - Via Fax
 - Drawing
 - Samples
 - Payroll
 - Change Order
 - Plans
 - Certificates of Compliance
 - Specs
 - Schedule
 - Prog. Pmt
 - Calculations
 - Copy of Letter
 - Invoice

Item	Date	Copies	Description	Drawing No	Rev	Status	Pages
01	22-Nov-05	1	USI Letter NCR LTR # 151Re.112205 & DWG SHEETS	Sheet A5B/N, A5E/N & A5M/N	0	Pending	5

These are transmitted as checked below:

- For Approval
- For Your Use
- For Review/comment
- As Requested
- Return For Correction
- For Information

Remarks:

CC:

Please review / approve by : 13-Dec-2005

Submitted By: Rich Bienek
 (KFM Staff Member – Originator of Transmittal)

Checked & Sent By:
 Contract Admin/DCS Staff



UNIVERSAL STRUCTURAL, INC.

604 SE. Victory Ave.
Vancouver, WA 98661

P.O. Box 1030
Vancouver, WA 98666

Vancouver (360) 695-1261
Portland (503) 227-2419
FAX (360) 696-3590

November 22, 2005

Kiewit / FCI / Manson, JV (KFM)
220 Burma Road
Oakland, CA 94607
Phone: (510) 419-0120
Fax: (510) 839-0666

Attention: Paul Hegarty / Rich Bienek

Reference: SFOBB Skyway Project
USI #23932 (NCR LTR# 151Re.112205)

Subject: Response to Caltrans State Letter #5.03.1-008586, DTD 08/29/05
KFM NCR #151

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. has received Caltrans State Letter #5.03.1-008586, dated August 29, 2005.
Caltrans stated:

"The Engineer has reviewed KFM-SUB-004995R00: USI Documents Clearing NCR 151 (METS NCR 138) and it is not approved. The subject submittal contains insufficient information to resolve the nonconformance report. The Engineer will resolve the issue upon the receipt of the shop drawings designating the locations of temporary attachments as specified on revised page 252, section D in the Special Provisions."

Please see attached copies of revised shop drawings:

- Sheet No. A5B/N
- Sheet No. A5E/N
- Sheet No. A5M/N

Please review and submit to Caltrans for a letter to close this NCR. If you have any questions or need further clarification, please contact me at your earliest possible convenience.

Sincerely,
Universal Structural, Inc.

Brad Murphy
Sales Manager

cc: USI file



Category III

A Subsidiary of
HARDER MECHANICAL CONTRACTORS



DEPARTMENT OF TRANSPORTATION

SFOBB - Skyway Project
545 Burma Road
Oakland, CA 94607
Facsimile Number: (510) 622-5165



Flex Your Power
Be Energy Efficient!

August 29, 2005

KFM, a JV
220 Burma Road
Oakland, CA 94607

Contract: 04-012024
04-SF, Ala-80-13.9/14.3, 0.0/1.6
SFOBB Skyway Project
State Letter # 5.03.1-008586

Subject: Response to KFM-SUB-004995R00: USI Documents Clearing NCR 151 (METS NCR 138)

Dear Mr. Zink,
Attention: Mr. Rich Bienek,

The Engineer has reviewed KFM-SUB-004995R00: USI Documents Clearing NCR 151 (METS NCR 138) and it is not approved. The subject submittal contains insufficient information to resolve the nonconformance report. The Engineer will resolve the issue upon the receipt of the shop drawings designating the locations of temporary attachments as specified on revised page 252, section D in the Special Provisions.

Should you have any questions, please contact David Wu at (510) 622-5104 or Patrick Lowry at (858) 344-2712.

Sincerely,

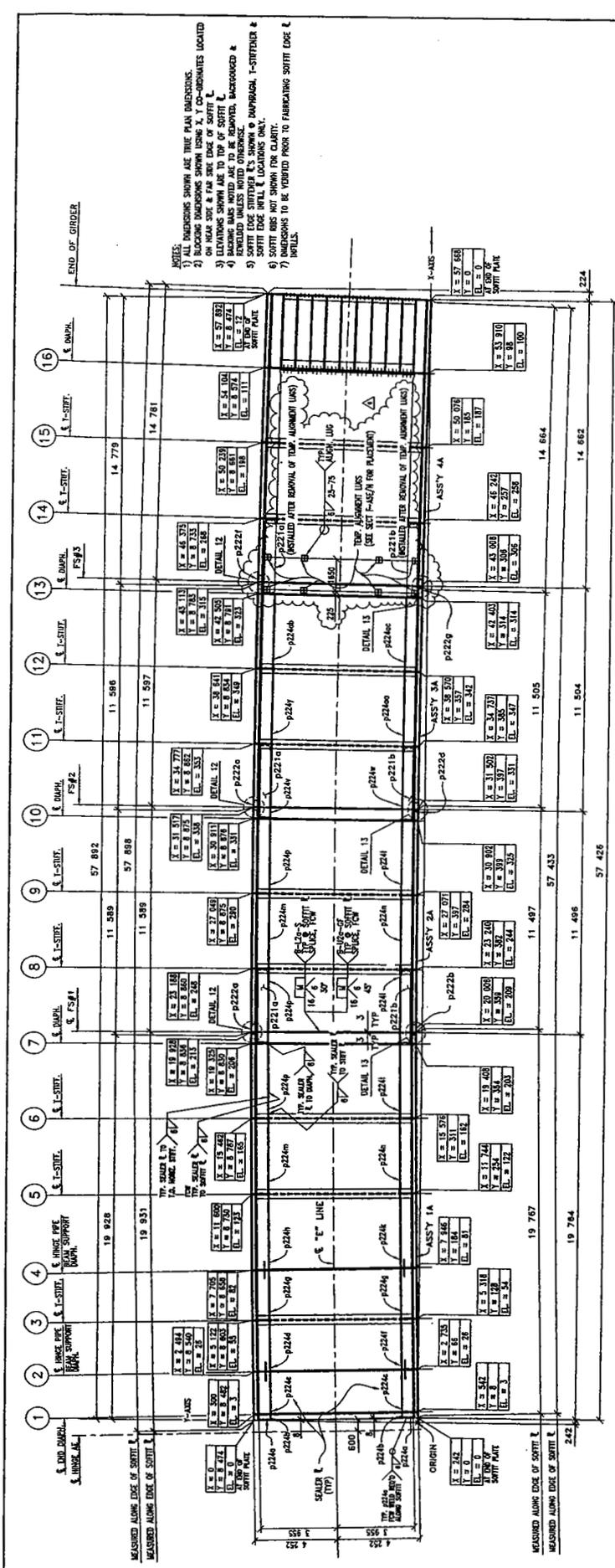
A handwritten signature in cursive script that reads "David Wu".

David Wu
Senior Bridge Engineer

For: Mr. Douglas Coe
Resident Engineer

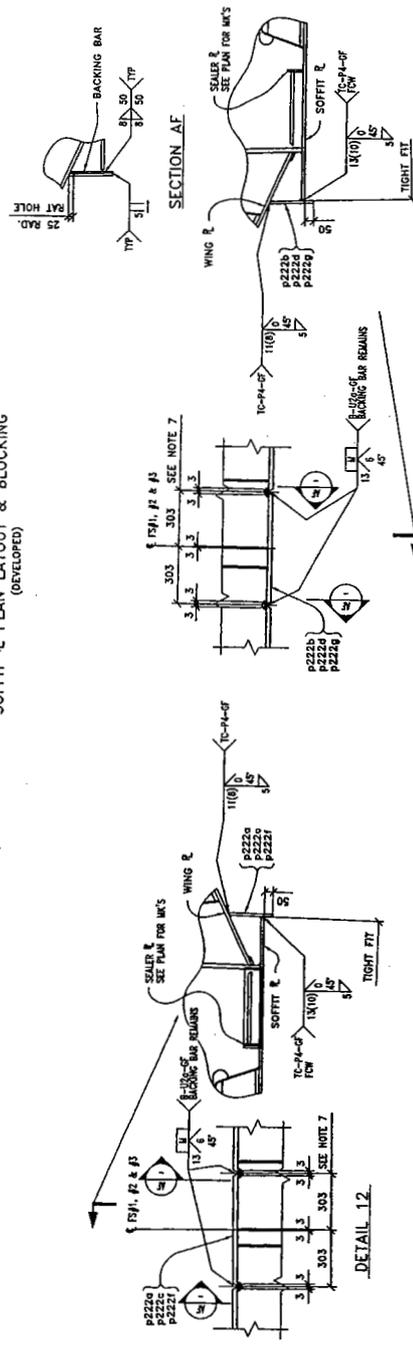
cc: P. Lowry, D. Coe, D. Wu, B. Chew, V. Iyer, I. Kwong, D. Salladay

file: 5.03.1, 9.03.8



- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE TRUE PLAN DIMENSIONS.
 - 2) BLOCKING DIMENSIONS SHOWN USING X, Y CO-ORDINATES LOCATED ON NEAR SIDE & FAR SIDE EDGE OF SOFFIT.
 - 3) DIMENSIONS SHOWN ARE TO TOP OF SOFFIT.
 - 4) DIMENSIONS SHOWN ARE TO TOP OF SEWER, BACKGROUND & REVEALED UNLESS NOTED OTHERWISE.
 - 5) SOFFIT EDGE STIFFENER IS SHOWN TO IMPROVE STIFFNESS & STIFFNESS TO BE VERIFIED PRIOR TO FABRICATING SOFFIT EDGE LUGS.
 - 6) SOFFIT DOES NOT SHOW FOR CLARITY.
 - 7) DIMENSIONS TO BE VERIFIED PRIOR TO FABRICATING SOFFIT EDGE LUGS.

SOFFIT & PLAN LAYOUT & BLOCKING (DEVELOPED)



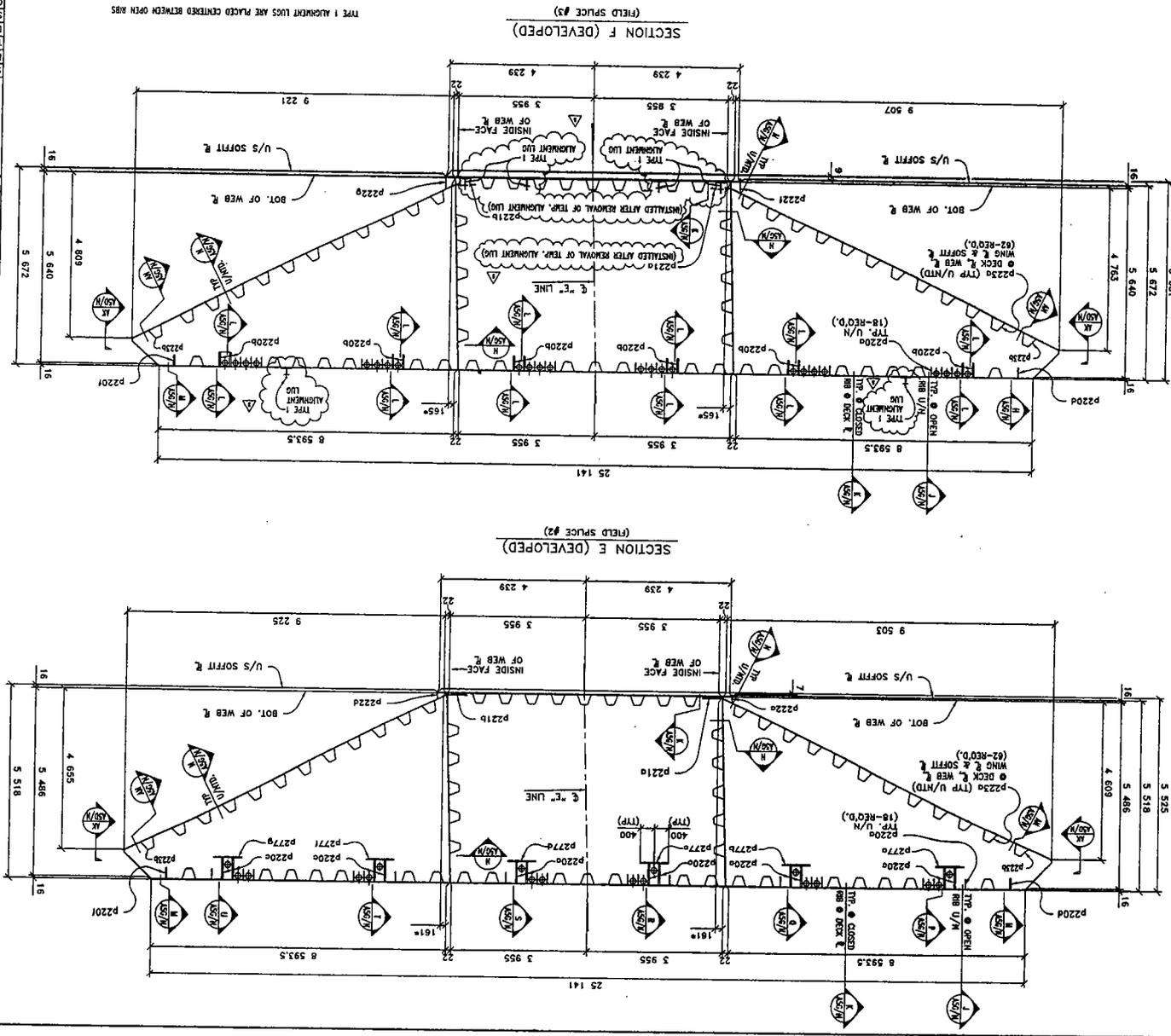
WORK THIS DWG. WITH A5A/N & A5C/N TO A5N/N INCLUSIVE

NO.	REVISION	BY	DATE
1	GENERAL REVISION		
2	DWG NUM & REF REV'D TO SUIT LIFT REINF.	REV 06/03	
3	DWG REMEMBERED TO SUIT A5N/N FOR SUIT LIFT REINF.	REV 04/04	
4	ALTERNATE SOFFIT SPLICE WELD ADDED TO SUIT USI	REV 11/04	
5	BLOCKING REVISED TO SUIT PARSONS' NEW GIRDER CAMBER	REV 04/05	
6	DIMENSIONS CORRECTED	REV 05/05	
7	SEALER PLATE AT CONTINUOUS WEB STIFFENER ADDED	REV 05/05	
8	DWG REMEMBERED TO SUIT ADDITION OF BARGE GRILLAGE CONN. DETAILS	REV 08/05	
9	TEMPORARY ALIGNMENT LUGS ADDED	REV 10/05	
10		REV 11/05	



UNIVERSAL STRUCTURAL, INC.
604 S.E. VICTORY AVE.
VANCOUVER, WASHINGTON

PROJECT	DATE	BY	DATE
SHEET TITLE: 1" LINE ORTHOTROPIC STEEL TUB FINAL ASSEMBLY 5A			
PROJECT: SKYWAY STRUCTURES - CONTRACT NO. 04-07021			
TRANSITION SPAN BRIDGE NO. 34-006 L/R			
DISTRICT 04 ROUTE 520 - ALUMINUM POST 13.9/14.3.0.9/1.8			
SAN FRANCISCO COUNTY SAN JOAQUIN COUNTY			
CUSTOMER: KEN / A. JV.			
DRAWN BY: JC	DATE: 02/13/03	JOB NO. 23932	REV. NO. A5B/N (A)
CHECKED BY: JC	DATE: 03/10/03		



REVISION	BY	DATE
GENERAL REVISION		
RCV 08/03		
RCV 04/04		
RCV 10/04		
RCV 11/04		
RCV 10/05		
RCV 10/05		
RCV 11/05		

MK GENERAL REVISION
 BY DATE
 REVISION

WORK THIS DWG. WITH ASA/N TO ASD/N
 INCLUSIVE, & ASF/N TO ASN/N INCLUSIVE

1) PLATE DIMENSIONS SHOWN THIN THIS 1/8" ARE SHOWN IN THIS VERTICAL PLANE.
 2) REFER TO ASSEMBLY 11A FOR TRAYED RIB DETAILS & CONNECTIONS.
 3) TYPE 1 ALIGNMENT LINES ARE PLACED CENTERED BETWEEN OPEN RIBS.

NOTES:

GENERAL REVISION
 RCV 08/03
 RCV 04/04
 RCV 10/04
 RCV 11/04
 RCV 10/05
 RCV 10/05
 RCV 11/05
 TEMPORARY ALIGNMENT LINES ADDED
 DMC & DET'S REMOVED TO SUIT ADDITION OF BARBED CEGLAGE CONN. DETAILS
 DMC & DET'S REMOVED TO SUIT ADDITION OF TOP OF DECK BLOCKING DIMENSIONS
 SHOP SURVEY DIMENSIONS ADDED
 SHOP NUMBER & REF. REV'D TO SUIT LIFTING REINF.

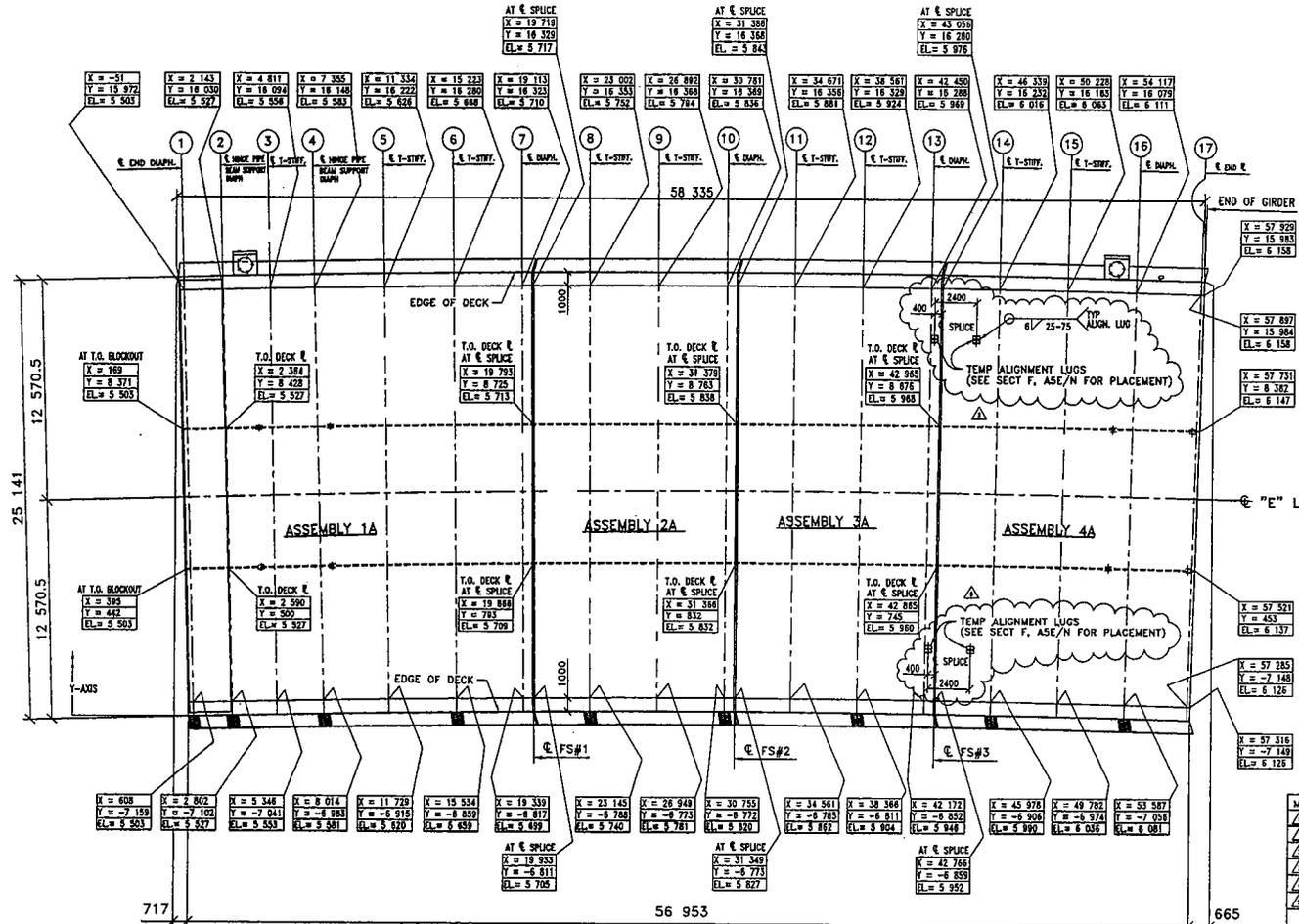
UNIVERSAL STRUCTURAL, INC.
 604 S.E. VICTORY AVE.
 VANCOUVER, WASHINGTON

USI

SHEET TITLE: "E" LINE ORTHOTROPIC STEEL TUB FINAL ASSEMBLY SA
 MATERIAL SPEC.

PROJECT: SKYWAY STRUCTURES - CONTRACT NO. 04-012021
 TRANSPORT SPAN - BRIDGE NO. 34-0006 L/R
 DISTRICT 04, ROUTE 80 : KILOMETER POST 13.9/14.3,0.0/1.6
 SAN FRANCISCO / ALAMEDA COUNTY
 CUSTOMER: KFM / A JV.
 DRAWN BY: JC
 DATE: 02/18/03
 JOB NO. 23932
 SHEET NO. ASE/N
 CHECKED BY: #
 DATE: 03/08/03

Z:\ROBERTO GATEKEEPER\BAY BRIDGE SKYWAY\E LINE\E LINE ASSEMBLIES\ASSY 5A.DWG\ROB05A-N-5.DWG 11-21-05 8:20:16 AM PST



SHOP
N

- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE TRUE PLAN DIMENSIONS.
 - 2) BLOCKING DIMENSIONS SHOWN USING X, Y CO-ORDINATES LOCATED ON NEAR SIDE & FAR SIDE EDGE OF DECK & R & TO & WEB & L.
 - 3) ELEVATIONS SHOWN ARE TO TOPSIDE OF DECK & UNLESS NOTED.
 - 4) SEE DRAWING ASB/M (SOFFIT & BLOCKING DIAGRAM) FOR BLOCKING ORIGIN POINT.

MK	REVISION	BY	DATE
△	NEW DRAWING FOR T.O. DECK BLOCKING DIMENSIONS	RGV	11/04
△	BLOCKING REVISED TO SUIT PARSONS' NEW GIRDER CAMBER	RGV	05/05
△	DIMENSIONS CORRECTED	RGV	05/05
△	SURVEY DIM'S RELOCATED 1M INSIDE EDGE OF DECK	RGV	06/05
△	DWG RENUMBERED TO SUIT ADDITION OF BARGE GRILLAGE CONN. DETAILS	RGV	10/05
△	TEMPORARY ALIGNMENT LUGS ADDED	RGV	11/05



UNIVERSAL STRUCTURAL, INC.
604 S.E. VICTORY AVE.
VANCOUVER, WASHINGTON

ORTHOTROPIC STEEL TUB ASSEMBLY 5A DECK BLOCKING
DECK R PLAN (DEVELOPED)
(ROADWAY BARRIERS NOT SHOWN)

WORK THIS DWG. WITH A5A/N TO ASK/N INCLUSIVE & A5N/N

SHEET TITLE: "E" LINE ASSEMBLY 5A ~ BLOCKING AT T.O. DECK	MATERIAL SPEC.
PROJECT: SKYWAY STRUCTURES - CONTRACT NO. 04-012021	-
TRANSITION SPAN - BRIDGE NO. 34-0006 L/R	ERECTION DWG.
DISTRICT 04, ROUTE 80 : KILOMETER POST 13.9/14.3,0.0/1.6	-
SAN FRANCISCO / ALAMEDA COUNTY	REF. DWG.
CUSTOMER: KFM / A JV.	-
DRAWN BY: RGV	DATE: 11/09/04
CHECKED BY:	DATE: X
JOB NO. 23932	SHEET NO. A5M/N
REV. △	

DEPARTMENT OF TRANSPORTATION

SFOBB – Skyway Project
345 Burma Road
Oakland, CA 94607
Facsimile Number: (510) 622-5165



*Flex Your Power
Be Energy Efficient!*

December 21, 2005

KFM, a JV
220 Burma Road
Oakland, CA 94607

Contract: 04-012024
04-SF, Ala-80-13.9/14.3, 0.0/1.6
SFOBB Skyway Project
State Letter # 5.03.1-009338

Subject: Response to KFM-SUB-004995R01, KFM-SUB-005739R00, KFM-SUB-005784R00, KFM-SUB-005738R00, KFM-SUB-005736R00, KFM-SUB-005733R00

Dear Mr. Zink,
Attention: Mr. Rich Bienek,

The Engineer takes no exceptions to KFM-SUB-004995R01: USI Documents Clearing NCR 151 (METS NCR 138) – Shop Drawings.

The takes no exceptions to the following submittals per conversations between the Engineer and KFM on 12/06/05:

- KFM-SUB-005739R00: USI Documents Clearing KFM NCR 207 (METS 197)
- KFM-SUB-005784R00: USI Documents Clearing KFM NCR 217 (METS 207)
- KFM-SUB-005738R00: USI Documents Clearing KFM NCR 205 (METS 195)
- KFM-SUB-005736R00: USI Documents Clearing KFM NCR 227 (METS 219)
- KFM-SUB-005733R00: USI Documents Clearing KFM NCR 226 (METS 216)

Should you have any questions, please contact David Wu at (510) 622-5104 or Patrick Lowry at (858) 344-2712.

Sincerely,

<<< ORIGINAL SIGNED >>>

David Wu
Senior Bridge Engineer

For: Mr. Douglas Coe
Resident Engineer

cc: P. Lowry, D. Coe, D. Wu, B. Chew, V. Iyer, I. Kwong, D. Salladay

file: 5.03.1, 9.03.8