STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

ENGINEER'S DAILY REPORT

LAN Engineering Consultant

REPORT NO.	DATE	
488 {7-day}	April 14, 2008	M T W T F S S (DAY)

NORMAL WORK HOUR: START: 7:00AM STOP: 3:30PM

WEATHER: PARTLY CLOUDY

LOCATION :

Construction Field Office : 333 Burma Road, Oakland 94607

Working Drawing Campus Office : 375 Burma Road, Oakland 94607

04-SF-80-13.2/13.9
Contract No. 04-0120F4
{SAS Superstructure}

Caltrans Supervisor:
Gary Lai
Senior Bridge Engineer

Office Work:

- **Submittal Status Meeting (Caltrans – T.L.LIN – PB)**
  - Received the status of the TY. LIN and PB Shop Submittals.
  - Submitted an updated status of the PB responses to the submittals at the meeting.
  - Covered the Contractor Priority List for the submittals also.
- **China Connection (Scott Kennedy- Ken Lee)**
  - Received an email from Ken Lee with some photos of tower diaphragm plate.
  - Bill Shedd sent an email to China requesting a possible schedule.
- **MEP Shop Drawing Work.**
  - Updated the Priority submittal list.
  - Found a problem with the first lift of the tower. A missing doubler plate at elevation below 7.00 m. This was to feed the sump pumps from the south shaft. Shop drawings show only a doubler plate above 7.00m. Discussed this with Scott Yeager and Max and determined that we can re-route the circuits through the east shaft which has a doubler plate below 7.00 m. Will discuss this issue with Anna tomorrow.
  - Worked on the Master penetration list.

Any questions or comments you can reach me at (916) 919-7158. My E-Mail address is Mike.Travis@LANEngineering.com or Michael_Travis@dot.ca.gov

END OF REPORT

Work hours 0530-1630 – 8 hours regular

Attachments:

1. Email / Photos from China - Ken Lee
2. Email to Chine from Bill Shedd.

5-6-08

SIGNATURE

Name: Michael F. Travis

TITLE: Electrical Engineer – LAN Engineering

Attachments can contain viruses that may harm your computer. Attachments may not display correctly.

Mike Travis

From: Bill Shedd [bill_shedd@dot.ca.gov] **Sent:** Mon 4/14/2008 11:37 AM
To: Mike Travis; Saeed Shahmirzai; Takaki@pbworld.com
Cc:
Subject: Fw: MEP openings
Attachments: DSC02066.JPG(1MB) DSC02060.JPG(1MB) DSC02061.JPG(1MB) DSC02062.JPG(1MB) DSC02063.JPG(1MB) DSC02064.JPG(1MB) DSC02065.JPG(1MB)

FYI
----- Forwarded by Bill Shedd/D04/Caltrans/CAGov on 04/14/2008 11:33 AM

Ken Lee/D04/Caltrans/CAGov
04/13/2008 05:06 PM

To
Bill Shedd/D04/Caltrans/CAGov@DOT, Scott Kennedy/D05/Caltrans/CAGov@DOT
cc

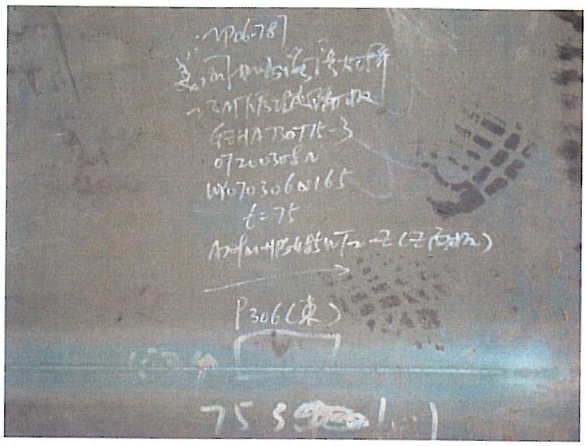
Subject
MEP openings

Bill/ Scott,

ZPMC cut the MEP openings on SA287 (tower diaphragm plate).

(See attached file: DSC02066.JPG)(See attached file: DSC02060.JPG)(See attached file: DSC02061.JPG)(See attached file: DSC02062.JPG)(See attached file: DSC02063.JPG)(See attached file: DSC02064.JPG)
(See attached file: DSC02065.JPG)

CHINA FABRICATION PHOTOS
APRIL 2008



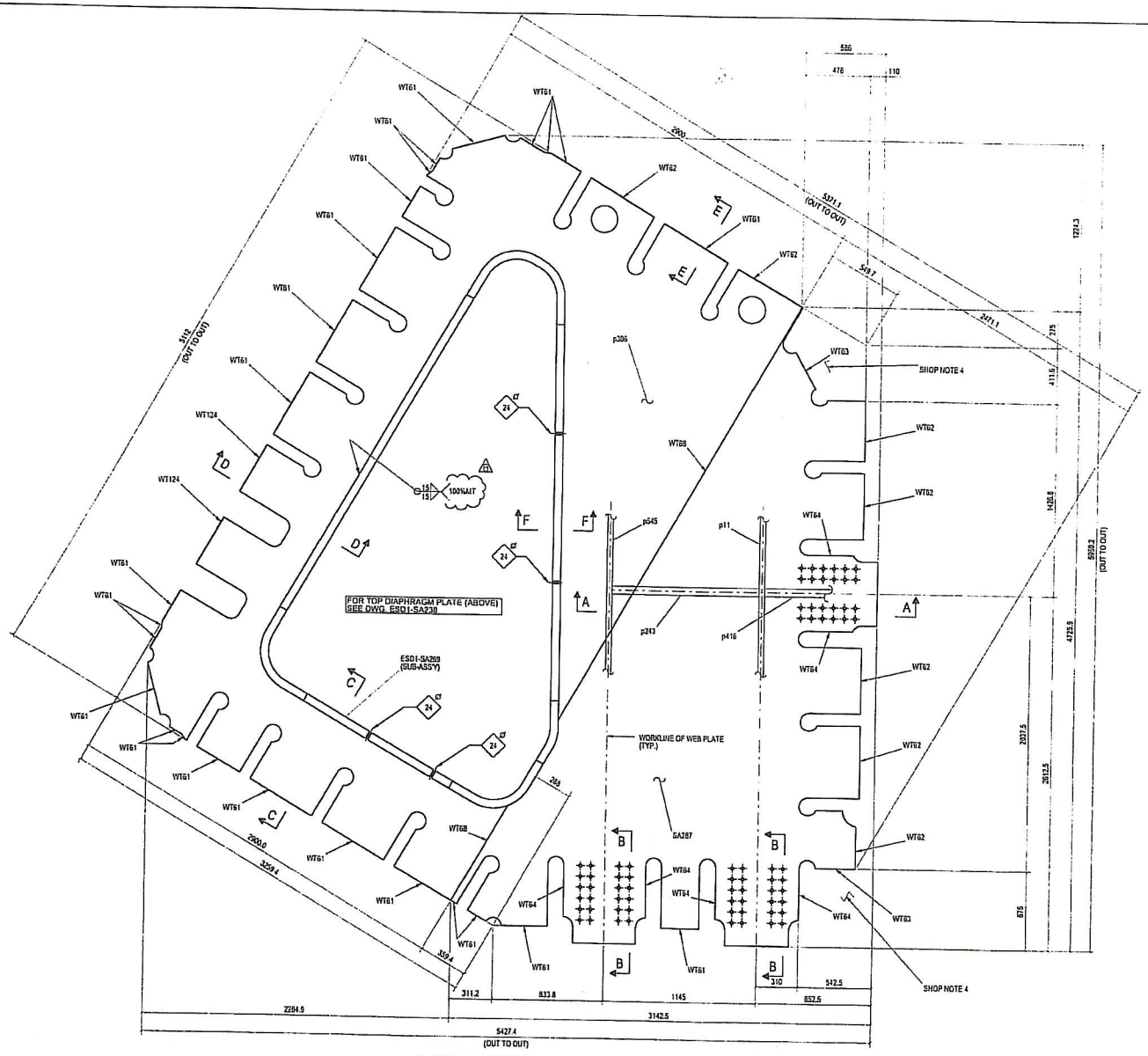
Tower Diaphragm Plate Markings

Tower Diaphragm Plate on Cutting Machine

Tower Diaphragm Plate on Cutting Machine

Tower Diaphragm Plate on Cutting Machine – After Cut

23 M Bottom Diaphragm Plate – SA287 Shown



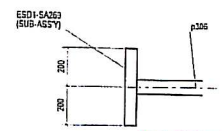
2 - SUB-ASSEMBLIES - SA287
(PART OF ESD1-A165 & WSD1-A115)

BILL OF MATERIALS

SHOP BILL							MILL ORDER	
NO.	SHAPE	LENGTH mm	MARK		WEIGHT	REMARKS	NO.	ITEM
2		ESD1-	SA287		22021.6	SUB-ASS'Y		
2	P.75x3142.5	4725.9	SA287		8667.8	A709M HPS 485W SEE DWG SA287 XX		
2	P.75x2900.1	5112.0	p306		9558.0	A709M HPS 485W SEE DWG SA287 XX		
2	P.60x400	1250.3	SA269		3795.8	SEE DWG. ESD1-SA269		

ALL MATERIAL TO BE A709M GR.345 U/N

XX - TTP & TM/SRM MATERIAL



F - F

☒ APPROVED
☐ APPROVED AS NOTED
☐ RETURNED FOR CORRECTION

T.Y.LIN INTERNATIONAL AND MOFFATT & NICHOL, JV
THE EAST SPAN BRIDGE DESIGN TEAM

APPROVAL PURSUANT TO SECTION 5-1.02 OF THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, OF A SPECIFIC ITEM, SHALL NOT INDICATE APPROVAL PURSUANT TO SECTION 5-1.02 OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT.

REVIEWED BY — DATE JAN 25 2008

SHOP NOTE:

1. DIMENSIONS SHOWN ARE FROM BOTTOM EDGE OF PLATE.
2. FOR WELDING DETAILS SEE SHEET WDT-5.
3. THIS DWG. INCLUDES SUB-ASSEMBLIES IN AREAS 'ESD1' AND 'WSD1'.
4. FOR CORNER DROP IN PLATE SEE E7 & E9

ALL HOLES 33mm DIA. U/N (DEBURR)

WORK THIS DWG WITH DWGS ESD1-SA238 A/B & ESD1-SA238 B/B

NO.	DATE	REMARKS	BY
B	12/10/2007	NOT REQUIREMENT REVD PER APP'L, SA269 MATERIAL PROPERTY REVD PER ABF-RFI-106MR0	PG/A
A	11/01/2007	COPE REVD PER CO#24, WELDS, NOTE, TTP & TM/SRM ADDED PER APP'L	WKLJB

REVISIONS

ZPMC
SHANGHAI ZHENHUA PORT MACHINERY CO., LTD

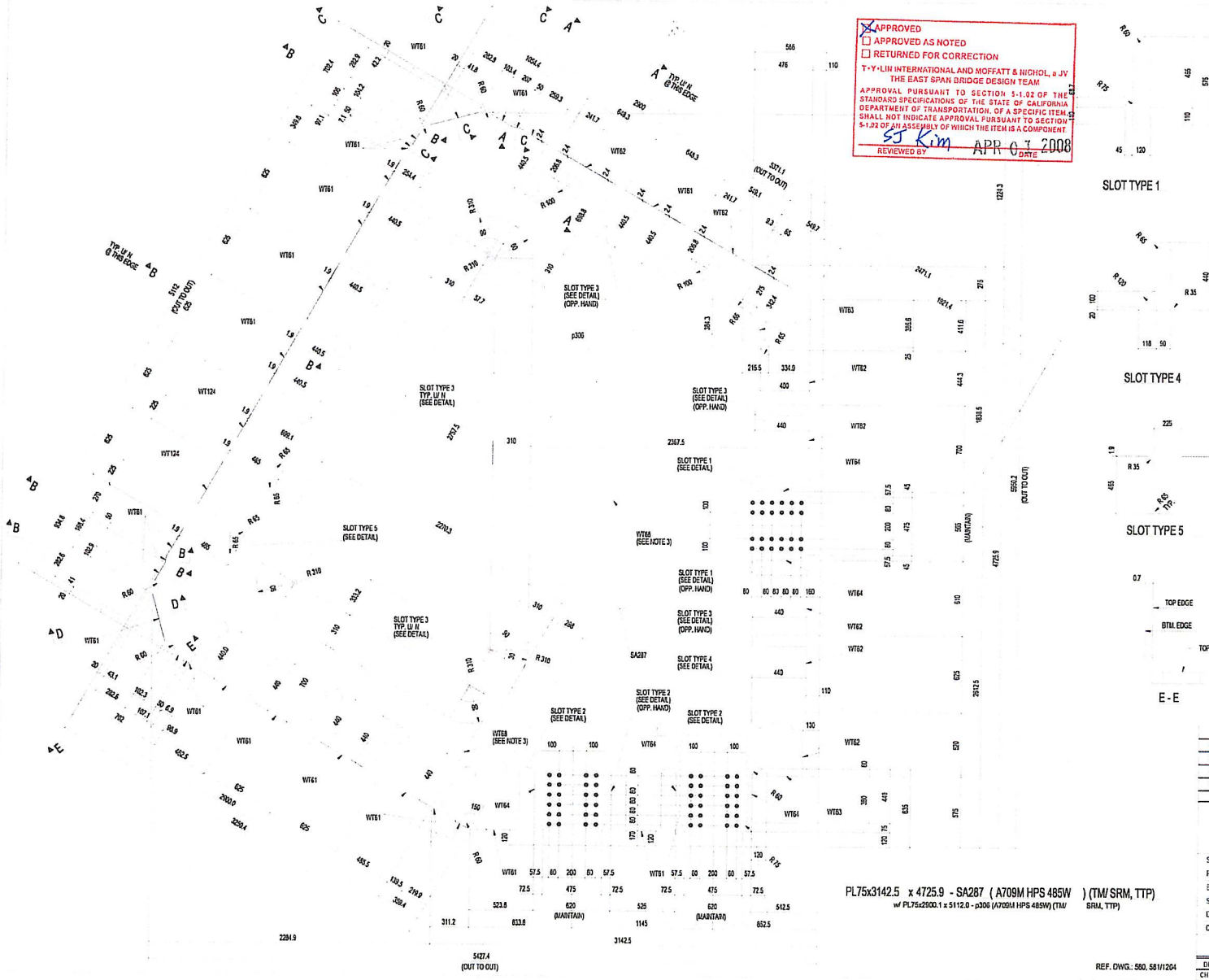
CANDRAFT-TENSOR LLC 2635

SAN FRANCISCO OAKLAND BAY BRIDGE, EAST SPAN SELF-ANCHORED SUSPENSION SPAN
ROUTE 80 EAST OF YERBA BUENA ISLAND, DISTRICT 04, SF COUNTY, CA.
BRIDGE Nos.: 30-0006L PM 8.2, KP 13.2 & 34-0006R PM 8.7, KP 13.9
STATE OF CALIFORNIA DEPT. OF TRANSPORTATION CONTRACT NO. 04-0120F4
ENGINEER: CALTRANS ---- T.Y.LIN / MOFFATT & NICHOL, JV.
CONTRACTOR: AMERICAN BRIDGE / FLUOR ENTERPRISES, JV.

23M DIAPHRAGM SUB-ASSEMBLY (BTM PL)

REF. DWG.: 580-585/1204

DRAWN	AF	07/24/2007	SHEET NO	ORDER NO
CHECKED	LS	08/03/2007	ESD1-SA287	



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SJ Kim APR 07 2008
REVIEWED BY DATE

PL75x3142.5 x 4725.9 - SA287 (A709M HPS 485W) (TM/ SRM, TTP)
w/ PL75x2900.1 x 5112.0 - p306 (A709M HPS 485W) (TM/ SRM, TTP)

REF. DWG.: 580, 581/1204

SHOP NOTE:

1. DIMENSIONS SHOWN ARE FROM BOTTOM EDGE PLATE.
2. FOR WELDING DETAILS SEE SHEET WDT-5.
3. PLATES SA287 AND p306 TO BE WELDED TOGETHER AS ONE PIECE BEFORE CNC CUTTING.

ALL HOLES 33mm DIA. U/ N (DEBURR)

NO.	DATE	REMARKS	BY
C	05/13/08	UPDATED BOLT HOLE SPACING	SY
B	01/17/08	MODIFIED BOLT HOLE SPACING PER RFI-1015	ABF
A	10/25/07	REVISE SLOTS PER RFI-748R1	SY

REVISIONS

SHANGHAI ZHENHUA PORT MACHINERY CO., LTD.

CANDRAFT-TENSOR LLC

SAN FRANCISCO OAKLAND BAY BRIDGE, EAST SPAN SELF-ANCHORED SUSPENSION SPAN
ROUTE 80 EAST OF YERBA BUENA ISLAND, DISTRICT 04, SF COUNTY, CA.
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ENGINEER: CALTRANS ---- T.Y. LIN / MOFFATT & NICHOL, JV.
CONTRACTOR: AMERICAN BRIDGE / FLUOR ENTERPRISED, JV.

23M BOTTOM DIAPHRAGM PLATE

DRAWN	AF	07/25/2007	SHEET NO	ORDER NO
CHECKED	LS	08/03/2007	SA287	

Mike Travis

From: Bill Shedd [bill_shedd@dot.ca.gov] **Sent:** Mon 4/14/2008 11:29 AM
To: Ken Lee
Cc: Saeed Shahmirzai; Mike Travis; Takaki@pbworld.com
Subject: Re: MEP opening
Attachments:

Hey Ken,

Thanks for the photos.

Please try to find out when they will start to drill the MEP penetrations in the OBG assemblies. We are trying to get you some support (Mike, Max, etc), but we need a schedule so that we know when it will be best to send them. I have asked the schedulers and I will ask ABF on Pier 7 for a schedule also, but if you can find out anything over there it would be helpful.

Thanks,

--Bill

Ken Lee/D04/Caltrans/CAGov
04/13/2008 06:23 PM

To
Bill Shedd/D04/Caltrans/CAGov@DOT, Scott Kennedy/D05/Caltrans/CAGov@DOT
cc

Subject
MEP opening

Bill/ Scott,

Out of all the plates ready to go, they picked the one with "pending" status. However, the layout and everything appears to be "OK".

The email with pictures took about 50 minutes to send. I drank 3 cups of tea.