



NON-CONFORMANCE REPORT

NCR No: 3657-49 Rev#1

Job No.: Caltrans 3657

Date: 6/6/2003

Client: Caltrans

Drawing/Sketch No.: _____ Rev.: _____

Specification/Code: AWS D1.5 1996 Section 6

Attachment	
Yes	<input checked="" type="checkbox"/>
No	<input type="checkbox"/>

Non-Conformance: During the final inspection of the inside of footing E 10 East it was observed that a small section of backing bar (480mm) for the top plate had bowed (sagged) down from the top plate exceeding the allowed 2 mm. QC inspector Alex Noyola was sent in the footing to make a report on the discrepancy. His observations are noted on the attached report. Photos of the area were taken of the discrepancy and are attached. It was evident that a section, approximately 300 mm had not been seal welded continuously to the side plate, possibly allowing the backing bar to bow (sag) during welding.

An additional MT inspection of the top plate to side plate weld was made in this area and cleared. See the attached MT report. Note: this

Disposition: KOS will remove the section of backing bar that has sagged down. The weld that is protruding from the bottom of the top plate will be removed by air arc gouging and or grinding any low areas will have weld metal added to achieve a flush profile. The weld will be MT tested after visual inspection.

Disposition Approvals

Project Manager/Date

Fabrication Manager/Date

Project Supt./Date

Client Rep./Date

James Bevil 6/6/02
KOS QCM/Date

0

Verification of Disposition Accomplished

Project Manager/Date

Fabrication Manager/Date

Project Supt./Date

Client Rep./Date

James Bevil 6/6/03
KOS QCM/Date

Distribution

Fabrication Mgr.

Project Mgr

General Supt.

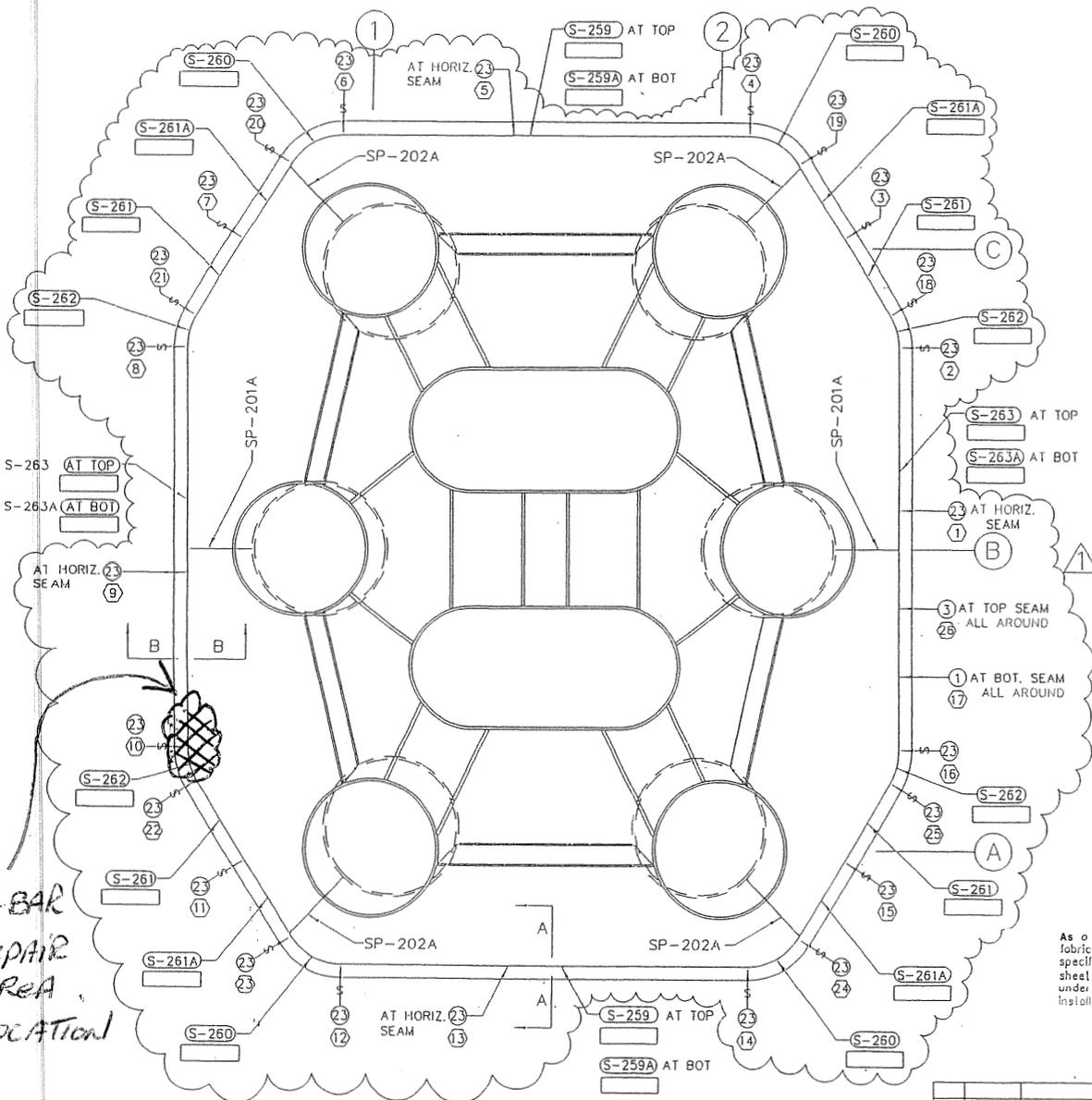
QCM

QC File

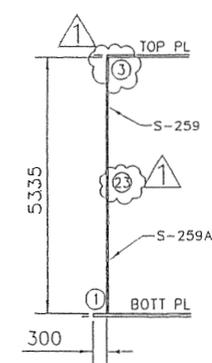


INSPECTION REPORT

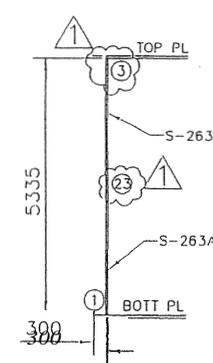
	JOB NO.:	CLIENT:	PIECE / PART / COMPONENT	DRAWING / SPECIFICATION
INSPECTION DETAILS	31657	CAL-TRANS	^{TOP} T209A, R to side wall	Ref. DWG # 057
	AN AREA @ The TOP Plate to side wall near Pile Sleeve A1, was noted to have a section of Backing BAR with a MAX. Root opening of 19mm X 480mm Long.			
INSPECTION RESULTS	The AREA of BACKING BAR in question was removed by gouging, & ADDITIONAL weld metal was deposited to achieve a flush profile.			
	A SUBSEQUENT VISUAL & MAG PARTICLE EXAMINATION WAS PERFORMED UPON THE COMPLETION OF WORK			
Satisfactory Inspection Results			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If not satisfactory, explain in the Comment Section of this report.
COMMENTS				
Inspector / Date: <i>[Signature]</i> 6/6/03		Witness / Date: * * If Required		Distribution: _____ _____



DIST.	COUNTY	ROUTE	KILOMETER POST	TOTAL PROJECT
04	SF.	Ala 80	13.9/14.3, 0.0/1.6	
PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION				BRIDGE NO. 34-0006L/R
KIEWIT/FCI/MANSON a JV.				DATE 04-012024
NOTE: MATERIAL GRADES 1 TYPEI= A-709 Gr 50T1 2 TYPEII= A709 Gr 50T1(THROUGH THICKNESS)				
KEY				
○ INDICATES PC#				
■ INDICATES CODE SYM				
⬡ INDICATES WELD#				
● INDICATES DETAIL#				
⊛ SEE PART SKETCH				



SECTION "A-A"



SECTION "B-B"

As a representative of Kiewit Engineering Co. I certify that the footing shop fabrication drawings to which my stamp is affixed accurately conforms to the specifications and the dimensional requirements of design drawings sheet 483R1 of 978 through sheet 493R1 of 978 revision date 5/28/02 provided under Cal Trans Contract No 04-012024 and drawings of instructions for installation provided by Kiewit/FCI/Manson, JV

PIER E3 THRU E6
8 FOOTINGS TOTAL

S.A.D. FILENAME
C:\SHOP DWG SD-LWC-21

WALL INSTALLATION

REV.	DATE	ISSUED FOR CONSTRUCTION	TG	BY
1	11/20/02	REVISED WELD #S, DETAIL #S, PART #S & ADDED SPLICE MKS	TA	
0	9/4/02	ISSUED FOR CONSTRUCTION	TG	



JOB NO:	3657
ACCT NO:	
DRAWN BY:	ADR
CHK'D BY:	
PL THIC:	
PL GRADE:	
SCALE:	NIS
DATE:	07/12/02

SAN FRANCISCO OAKLAND BAY BRIDGE EAST SPAN SEISMIC SAFETY PROJECT			
SKYWAY STRUCTURES			
LARGE FOOTING WITH CONCRETE			
WALL INSTALLATION			
REF. DWG. SHIT. NO.	TOTAL SHYS.	24	REV. 1
005			
DISREGARD PRINTS BEARING EARLIER REVISION DATES	SHEET	21	OF 24



NON-CONFORMANCE REPORT

NCR No: 3657-49

Job No.: Caltrans 3657

Date: 5/11/2003

Client: Caltrans

Drawing/Sketch No.: _____ Rev.: _____

Specification/Code: AWS D1.5 1996 Section 6

Attachment	
Yes	<input checked="" type="checkbox"/>
No	<input type="checkbox"/>

Non-Conformance: During the final inspection of the inside of footing E 10 East it was observed that a small section of backing bar for the top plate had bowed (sagged) down from the top top plate exceeding the allowed 2 mm. QC inspector Alex Noyola was sent in the footing to make a report on the discrepancy. His observations are noted on the attached report. Photos of the area were taken of the discrepancy and are attached. It was evident that a section, approximately 300 mm had not been seal welded continuously to the side plate, possibly allowing the backing bar to bow (sag) during welding.

An additional MT inspection of the top plate to side plate weld was made in this area and cleared. See the attache MT report.

Disposition: Accept as is since the welding of the top plate is complete and the visual and MT inspection of the weld note that the weld is acceptable with no discontinuities present. KOS will RFI asking that this weld be accepted as welded.

Disposition Approvals

[Signature] 5/13/03
Project Manager/Date

[Signature]
Fabrication Manager/Date

[Signature] 5/14/03
Project Supt./Date

Client Rep./Date

[Signature] 5/11/03
KOS QCM/Date

Verification of Disposition Accomplished

[Signature] 5/13/03
Project Manager/Date

[Signature]
Fabrication Manager/Date

[Signature] 5/12/03
Project Supt./Date

Client Rep./Date

[Signature] 5/11/03
KOS QCM/Date

Distribution

Fabrication Mgr. Project Mgr General Supt. QCM QC File



INSPECTION REPORT

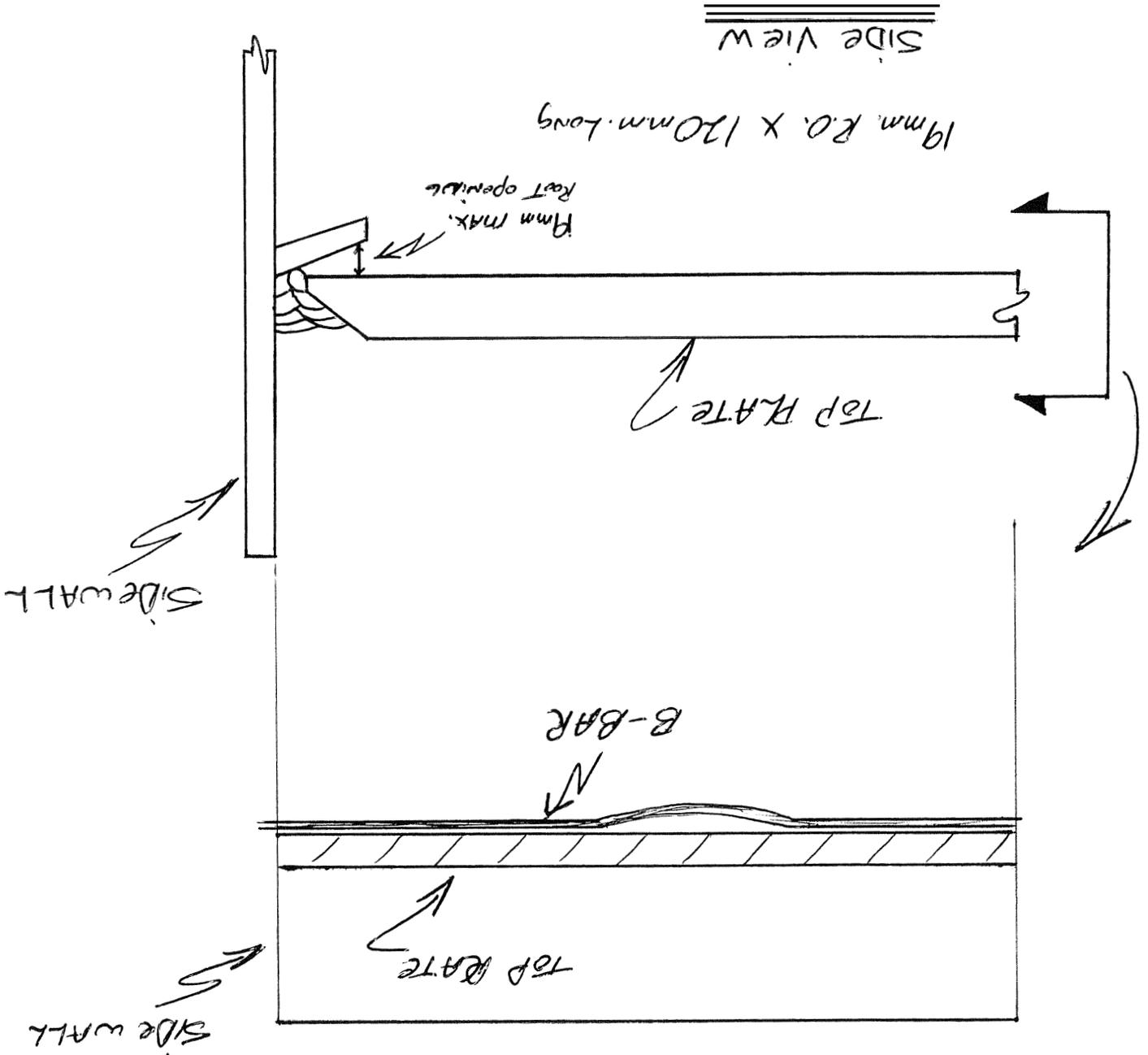
	JOB NO.:	CLIENT:	PIECE / PART / COMPONENT	DRAWING / SPECIFICATION
	3657	CALTRANS	10E T209A "TOP R. to SIDEWALL"	Ref. Dwg # 057 Sheet 19 of 24
INSPECTION DETAILS	VISUAL INSPECTION OF BACKING BAR @ TOP RATE T209A By Pile Sleeve A-1 Revealed AN AREA 120 mm Long (APPRX.) with a MAX. ROOT OPENING of 19 mm (APPRX.) * See Atch. Sketch			
	* Note: INSPECTION PERFORMED FROM MANWAY ACCESS LADDER.			
INSPECTION RESULTS	VISUAL INSPECTION OF TOP PORTION REVEALED THE WELD TO BE ACCEPTABLE IN APPEARANCE & OF ADEQUATE SIZE.			
	MAGNETIC PARTICLE INSPECTION WAS ACCEPTABLE, WITH NO SIGNS OF RELEVANT INDICATIONS			
	Satisfactory Inspection Results		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If not satisfactory, explain in the Comment Section of this report.
COMMENTS				
	Inspector / Date: 5/9/05 <i>[Signature]</i>	Witness / Date: * * If Required	Distribution: 	

WORK SHEET

Project
Type of Work

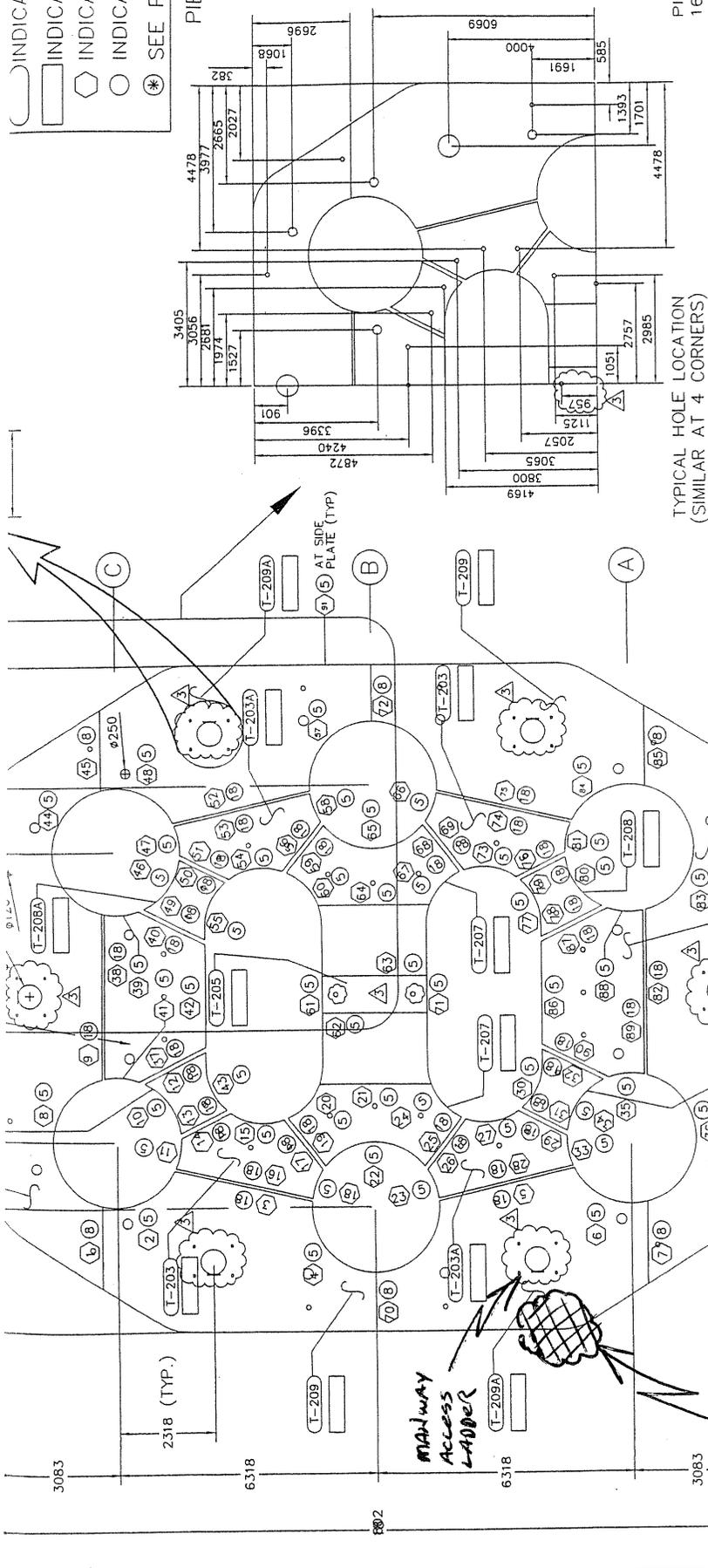
Estimator
Date

Item No.
Sheet No.



INSPECTOR: Alex Noyola DR.
 DATE: 5/9/03
 ROUTING: EIDE

- () INDICATES PC#
- [] INDICATES CODE SYM
- INDICATES WELD#
- INDICATES DETAIL#
- ⊛ SEE PART SKETCH



PIER E7 THRU E14
16 FOOTINGS TOTAL

SAN FRANCISCO OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT

SKYWAY STRUCTURES
LARGE FOOTING W/O CONCRETE
TOP PLATE

JOB NO: 3657
ACCT NO:
DRAWN BY: AL
CHK'D BY: TC/DB
PL THK:
PL GRADE:
SCALE: NTS
DATE: 05/16/02



REV.	DATE	REVISION	BY
3	1/16/03	MOVE IR & LADDER & ADD HOLES	SLB
2	12/17/02	ADD HANGING SOCKET LOC & DETAIL	TC
1	8/09/02	ADD HOLES & ADD SEAM WELD FS	TC
0	7/16/02	ISSUED FOR CONSTRUCTION	TC

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

TOP PLATE PLAN
(1 REQ'D PER FOOTING)

*LOCATION OF DISCREPANCY
SEE DRAWING*

C.A.D. FILENAME
SHOP DWG SD-LWOC-19

USA
ILLINOIS 60090

ZUL OBSC

WALZEL Services

PO Box 1817
Aransas Pass, Texas 78335-1817
Phone 1-888-776-0078 Fax 1-888-220-3077

Date 5/9/03
Report No. MT-1125
Page 1 of 1

Customer Kiewit Offshore Services, Ltd. DWG. No. SDLWOC-19
Fabricator Kiewit Offshore Services, Ltd. Project Name Caltrans SFOBB
Job No. 3657 Job Instructions Per _____

ULTRASONIC		MAGNETIC PARTICLE		PENETRANT	
Instrument		<input checked="" type="checkbox"/> Wet	<input type="checkbox"/> Dry	Brand	
Longitudinal mHz	Shear mHz	<input checked="" type="checkbox"/> AC	<input type="checkbox"/> DC	Type	
		<input type="checkbox"/> Residual	<input checked="" type="checkbox"/> Continuous	Visible	
Size	Size	Ten Pound Lift Okay		Batch No.	Florescent Minutes
Type	Type	Equipment Electrospec X-Yoke		Penetrant	
Couplant	Angle	Procedure WMT-200		Remover	
Procedure	Code	Code AWS D1.5-1996		Developer	
				Procedure	
				Code	

ITEM	QUANTITY	LOCATIONS & IDENTIFICATION	ACCEPTABLE		TYPE OF DEFECTS REMARKS
			Yes	No	
<u>E-10-East SDLWOC-19</u>					
W91	T-209 Row 1 Side	T209 1 Side R = 1375 mm	✓		
W91	T-209A Row 1 Side	T209A 1 Side R = 980 mm	✓		
W91	T210 Row A Side	T210 1 Side R = 1375 mm	✓		
W91	T209 Row 2 Side	T209 1 Side R = 980 mm	✓		
W91	T209A Row 2 Side	T209A 1 Side R = 1375 mm	✓		
W91	T210 Row C Side	T210 1 Side R = 980 mm	✓		
Total mm inspected - <u>7065</u>					
Total mm accepted - <u>7065</u>					
Total mm rejected - <u>0</u>					

Examination Performed By Robert Becerra Accepted By George Barnhill
Robert Becerra George Barnhill