

CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	TK & JF	2/19/98

Needlegun and recoat

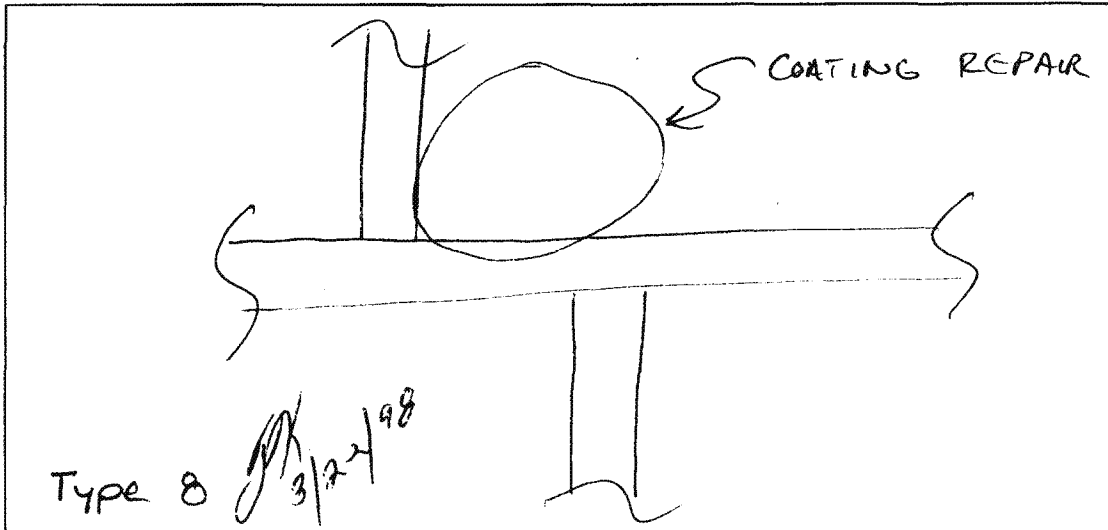
Repair Type 8

LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No.: 090		File: 10r090	
Upper dome		Quadrant: A	
Course: B & C		Plate: 1 & 2	
Drawn by: M. Moulton		Date: 12/20/97	

**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

**Repair Record**

Tank No.: 10 Repair No.: 090 Type: 8 Location: A



Sketch of Repair Area

Weld Repair N/A

WPS No.: SM1.1-1

Welder ID: John Walsh

NDT Performed: Visual        Vacuum Box        Dye Penetrant       

Rework Required:       

Repair Acceptable:        Date Accepted:       

Coating Repair

Coating Type: Epoxy

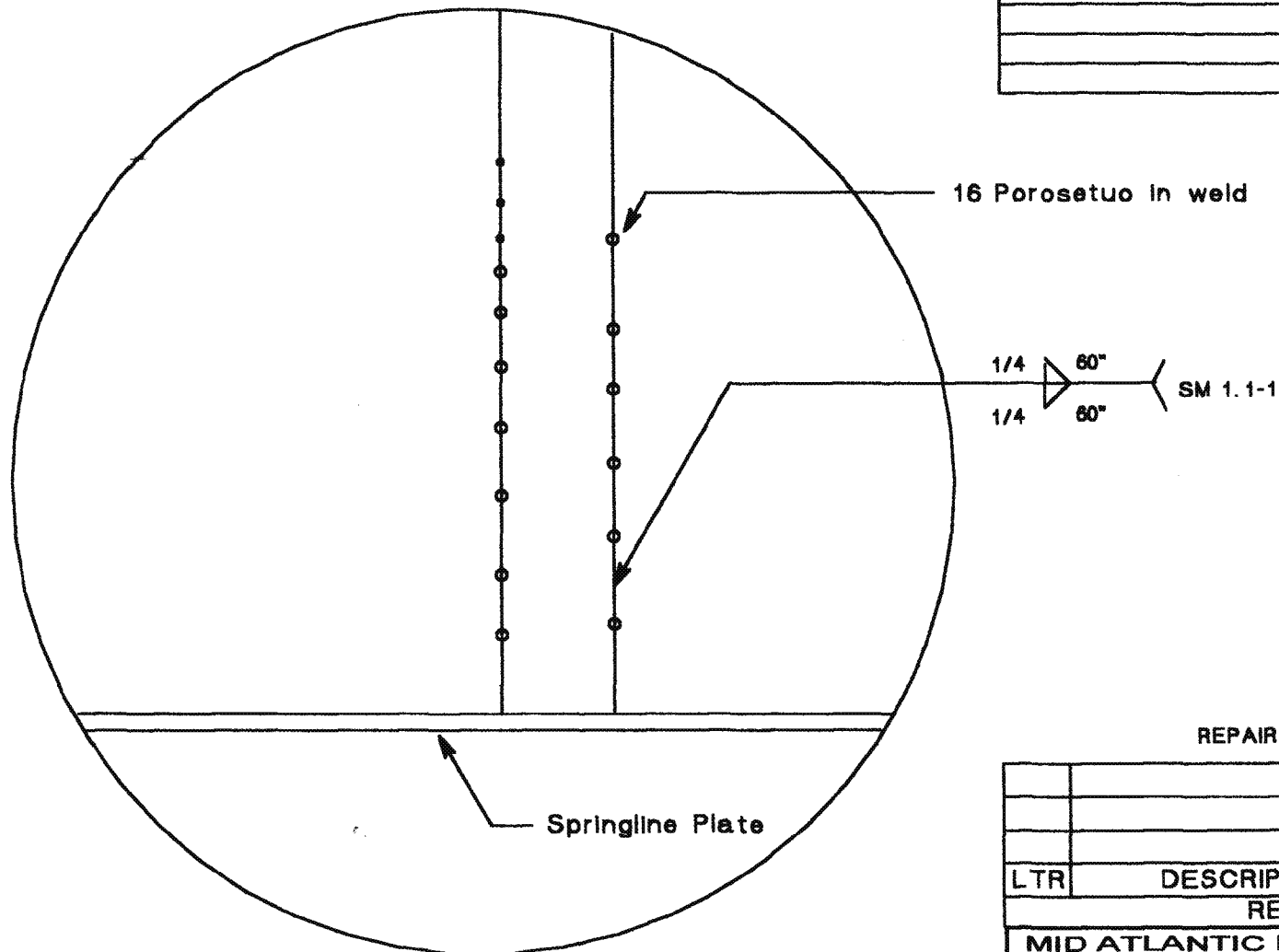
Surface Preparation: ✓ Primer Coat: ✓ Intermediate Coat: ✓ Final Coat: ✓

NDT Performed: Visual: ✓ DFT: ✓ Average DFT: 8 mils - 15 mils

Rework Required: N/A

Repair Acceptable: John Zanderell Date Accepted: 3-13-98

CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	TK & JF	2/19/98



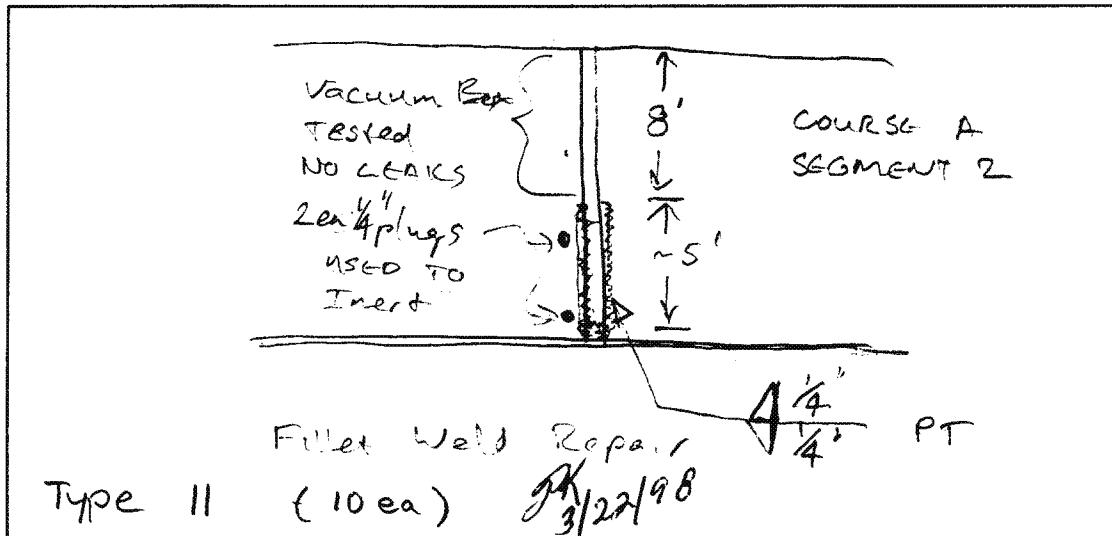
#### REPAIR TYPE 11

LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No.: 100		File: 10r100	
Upper dome		Quadrant: A	
Course: A		Plate: 1 & 2	
Drawn by: M. Moulton		Date: 12/20/97	

**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

**Repair Record**

Tank No.: 10 Repair No.: 100 Type: 11 Location: A-2-UD-A



Sketch of Repair Area

Weld Repair

WPS No.: SM 1.1-1

Welder ID: J. Walsh

NDT Performed: Visual ☒ Vacuum Box ☒ Dye Penetrant ☒

Rework Required: NONE

Repair Acceptable: John Zachell

Date Accepted: 2/26/98

Coating Repair

Coating Type: Epoxy

Surface Preparation: ☒ Primer Coat: ☒ Intermediate Coat: ☒ Final Coat: ☒

NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8 mils - 15 mils

Rework Required: N/A

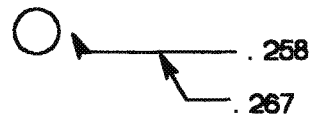
Repair Acceptable: John Zachell

Date Accepted: 3-13-98

CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	TK & JF	2/19/98

0.199

.188



.253

DENT OCCURED BEFORE PAINTING. COATING REPAIR NOT REQUIRED

Repair Type 7

LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No. 110		File 10r110	
Upper dome		Quadrant A	
Course A		Plate 2	
Drawn by M. Moulton		Date 12/20/97	

**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

**Repair Record**

Tank No.: 10 Repair No.: 110 Type: 7 Location: A

PERFORMED UT INSPECTION  
NO ADDITIONAL REPAIRS REQUIRED  
PER T. KITCHEN

Type N/A *JW 3/27/98*

Sketch of Repair Area

Weld Repair N/A

WPS No.: SM1.1-1

Welder ID: John Walsh

NDT Performed: Visual \_\_\_\_\_ Vacuum Box \_\_\_\_\_ Dye Penetrant \_\_\_\_\_

Rework Required: \_\_\_\_\_

Repair Acceptable: \_\_\_\_\_ Date Accepted: \_\_\_\_\_

Coating Repair N/A

Coating Type: Epoxy

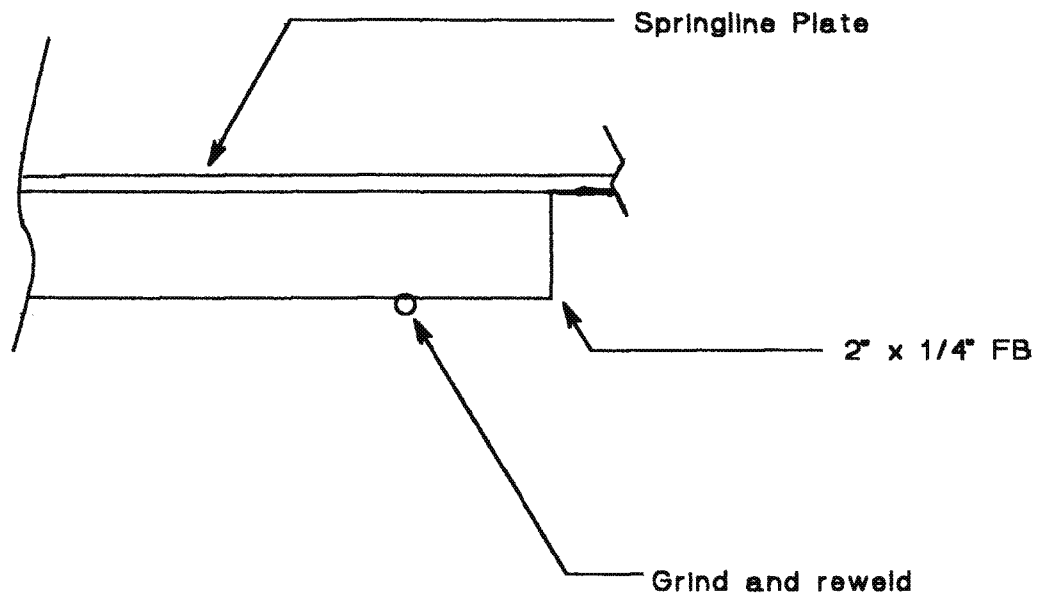
Surface Preparation: \_\_\_\_\_ Primer Coat: \_\_\_\_\_ Intermediate Coat: \_\_\_\_\_ Final Coat: \_\_\_\_\_

NDT Performed: Visual: \_\_\_\_\_ DFT: \_\_\_\_\_ Average DFT: \_\_\_\_\_

Rework Required: \_\_\_\_\_

Repair Acceptable: \_\_\_\_\_ Date Accepted: \_\_\_\_\_

CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	TK & JF	2/19/98



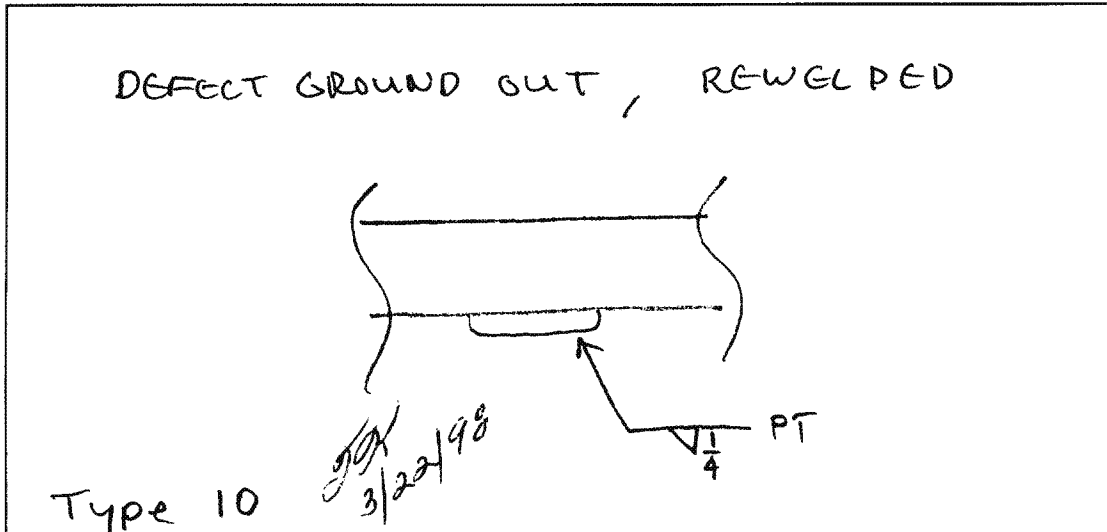
Repair Type 10

O I	ORIGINAL ISSUE	M M	2/20/98
LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No. 120		File 10r120	
Upper dome		Quadrant A	
Course A		Plate 3	
Drawn By: M. Moulton		Date: 2/20/98	

**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

Repair Record

Tank No.: 10 Repair No.: 120 Type: 3 Location: A



Sketch of Repair Area

Weld Repair

WPS No.: SMI.1-1

Welder ID: John Walsh

NDT Performed: Visual ☒ Vacuum Box ☐ Dye Penetrant ☒

Rework Required: N/A

Repair Acceptable: John Zachell Date Accepted: 2-24-98

Coating Repair

Coating Type: Epoxy

Surface Preparation: ☒ Primer Coat: ☒ Intermediate Coat: ☒ Final Coat: ☒

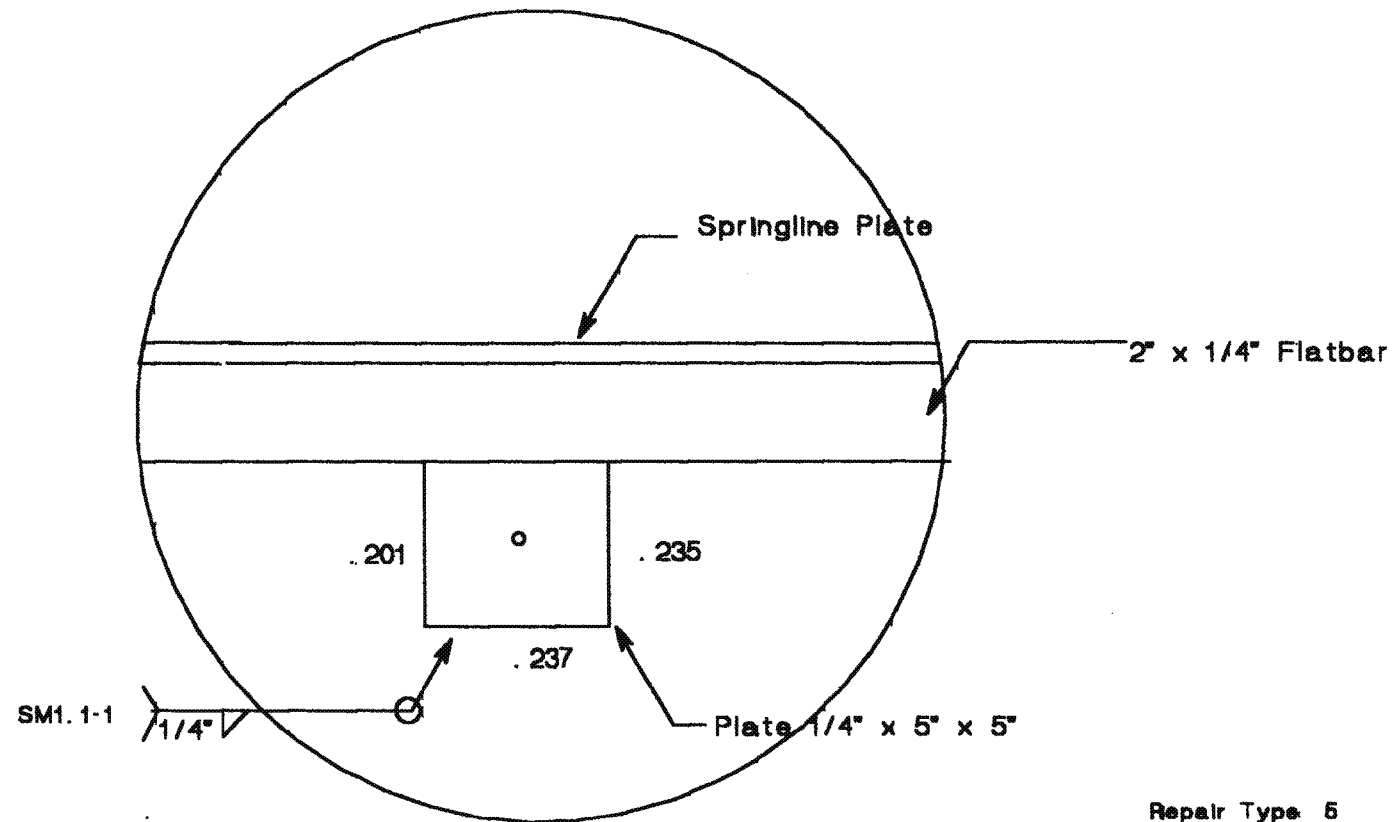
NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8 mils = 15 mils

Rework Required: N/A

Repair Acceptable: John Zachell Date Accepted: 3-13-98



CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	TK & JF	2/19/98

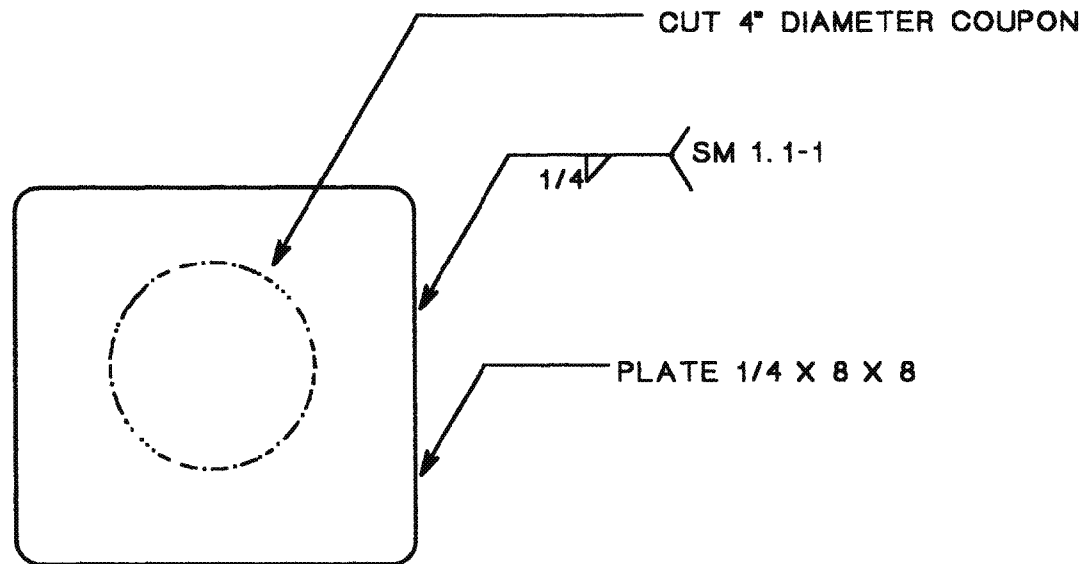


Repair Type 5

O I	ORIGINAL ISSUE	M M	2/20/98
LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No. 130		File 10-130	
Upper dome		Quadrant A	
Course A		Plate 3	
Drawn By: M. Moulton		Date: 2/20/98	



CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	JF & TK	2/19/98



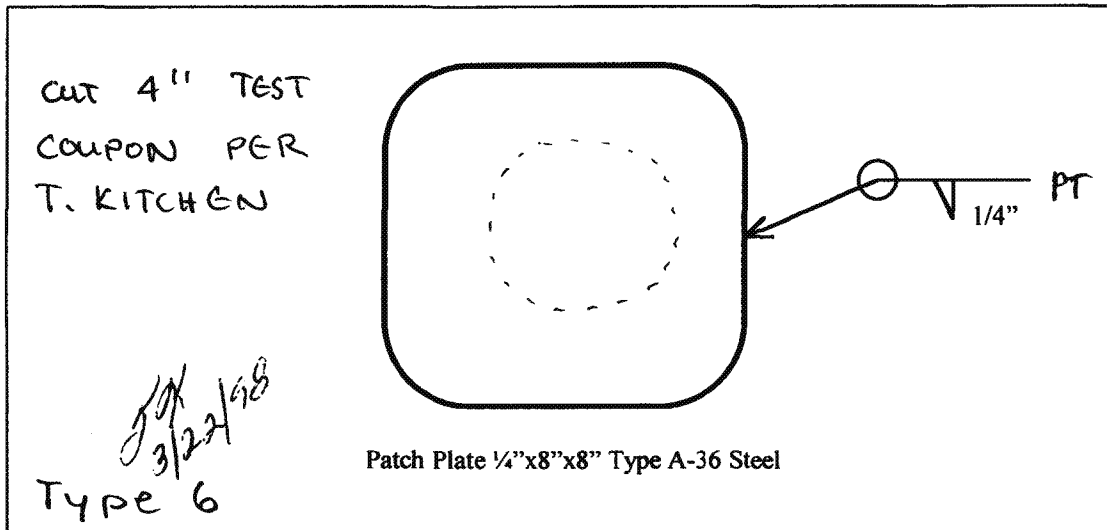
#### TYPE 6 REPAIR

LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No. 131		File 10r131	
Upper dome		Quadrant A	
Course C		Plate 5	
Drawn by: Tom Kitchen		Date: 2/20/98	

**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

**Repair Record**

Tank No.: 10    Repair No.: 131    Type: 6    Location: A



Sketch of Repair Area

Weld Repair

WPS No.: SM1.1-1

Welder ID: John Walsh

NDT Performed:                      Visual ☒    Vacuum Box ☐    Dye Penetrant ☒

Rework Required: N/A

Repair Acceptable: John Zachell                      Date Accepted: 3-2-98

Coating Repair

Coating Type: Epoxy

Surface Preparation: ☒    Primer Coat: ☒    Intermediate Coat: ☒    Final Coat: ☒

NDT Performed:                      Visual: ☒    DFT: ☒    Average DFT: 8 mils - 15 mils

Rework Required: N/A

Repair Acceptable: John Zachell                      Date Accepted: 3-13-98

CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	TK & JF	2/20/98
Drawing Issued to FISC		
Drawing Issued to RORIC		
Defect repaired		
Repair Inspected		
Reports to FISC		

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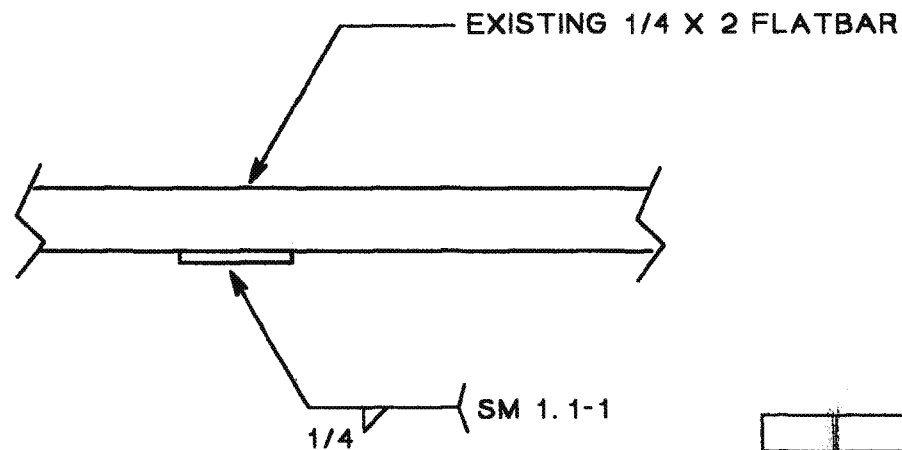
NOTE: DENT OCCURED BEFORE PAINTING. PAINT REPAIR NOT NECESSARY

#### TYPE 7 REPAIR

O I	ORIGINAL ISSUE	M M	2/20/98
LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10 AS BUILT DRAWING			
Repair No. 140		File 10r140	
Upper dome		Quadrant A	
Course A		Plate 4	
Drawn By: M. Moulton		Date: 2/20/98	



CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	JF & TK	2/20/98



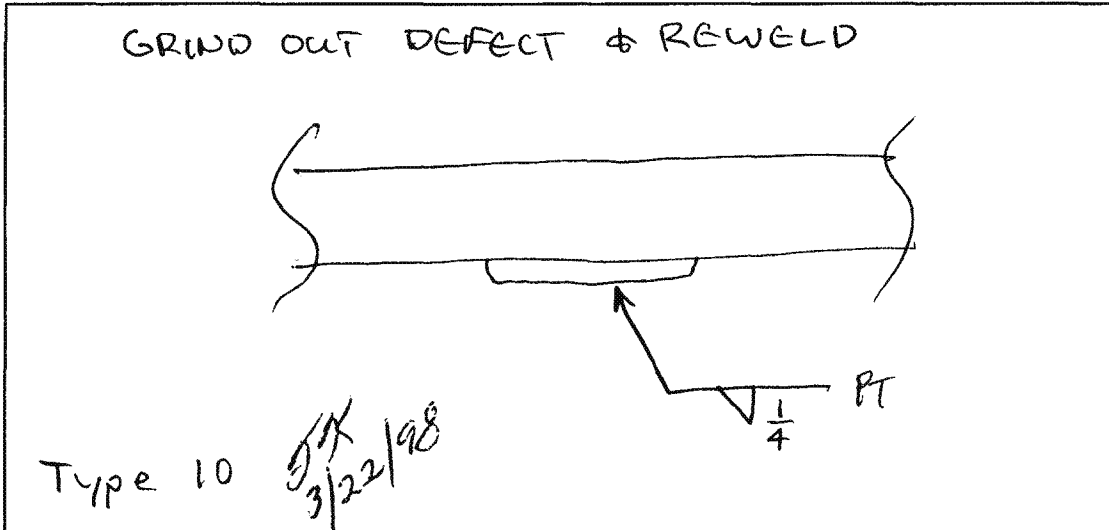
#### TYPE 10 REPAIR

LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No.: 150		File: 10-150	
Upper dome		Quadrant: A	
Course: A & B		Plate: 4	
Drawn by: Tom Kitchen		Date: 2/20/98	

**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

**Repair Record**

Tank No.: 10    Repair No.: 150    Type: 3    Location: A



Sketch of Repair Area

Weld Repair

WPS No.: SM1.1-1

Welder ID: John Walsh

NDT Performed:                      Visual ☒    Vacuum Box ☐    Dye Penetrant ☒

Rework Required: N/A

Repair Acceptable: John Zschell                      Date Accepted: 2-24-98

Coating Repair

Coating Type: Epoxy

Surface Preparation: ☒    Primer Coat: ☒    Intermediate Coat: ☒    Final Coat: ☒

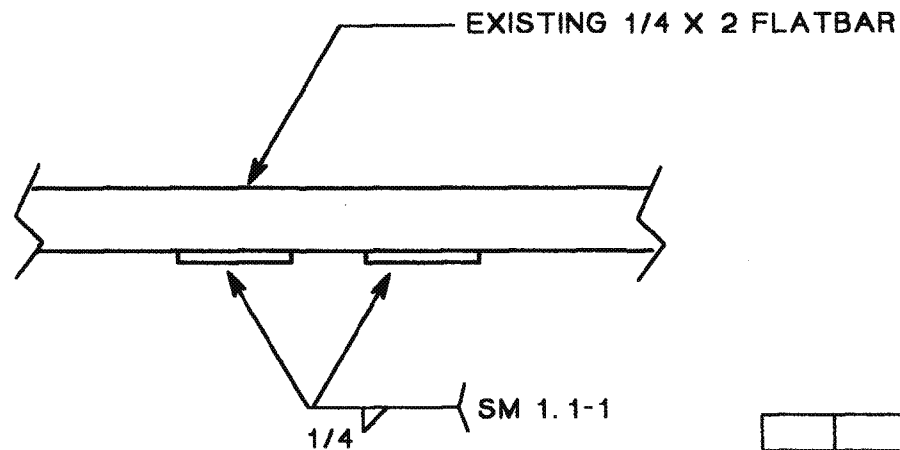
NDT Performed:                      Visual: ☒    DFT: ☒    Average DFT: ☐

Rework Required: N/A

Repair Acceptable: John Zschell                      Date Accepted: 3-13-98



CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	JF & TK	2/20/98



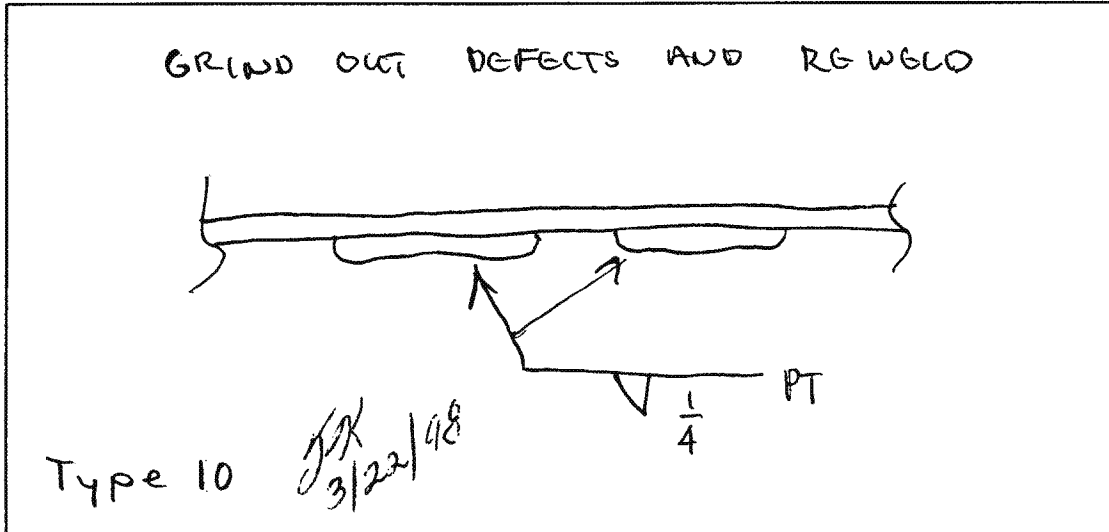
#### TYPE 10 REPAIR

LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No.: 160		File: 10r160	
Upper dome		Quadrant: A	
Course: A		Plate: 5	
Drawn by: Tom Kitchen		Date: 2/20/98	

**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

**Repair Record**

Tank No.: 10 Repair No.: 160 Type: 3 Location: A



Sketch of Repair Area

Weld Repair

WPS No.: SM1.1-1

Welder ID: John Walsh

NDT Performed: Visual ☒ Vacuum Box ☐ Dye Penetrant ☒

Rework Required: ☐

Repair Acceptable: John Zschell Date Accepted: 2-27-98

Coating Repair

Coating Type: Epoxy

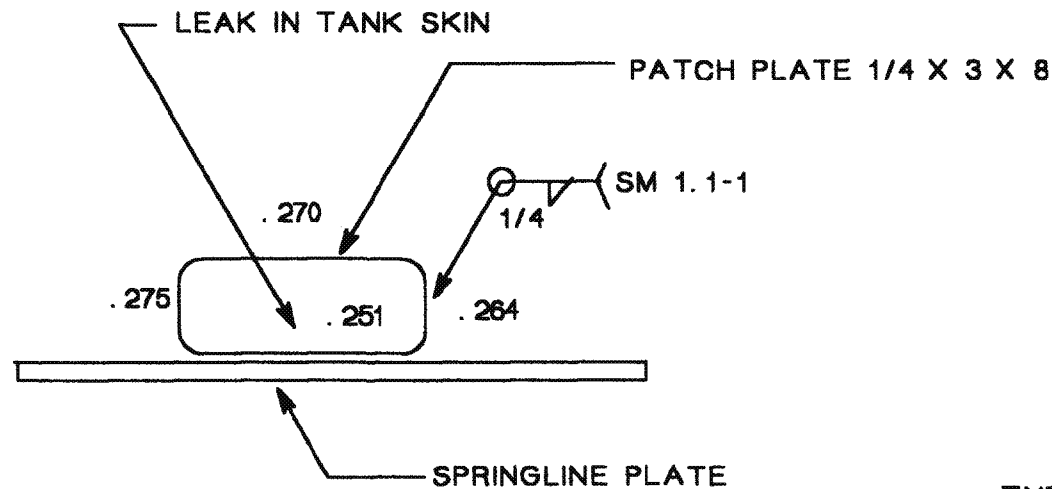
Surface Preparation: ☒ Primer Coat: ☒ Intermediate Coat: ☒ Final Coat: ☒

NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8 mils - 15 mils

Rework Required: N/A

Repair Acceptable: John Zschell Date Accepted: 3-15-98

CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	JF & TK	2/20/98
Drawing Issued to FISC		
Drawing Issued to ROICC		
Defect repaired		
Repair Inspected		
Reports to FISC		



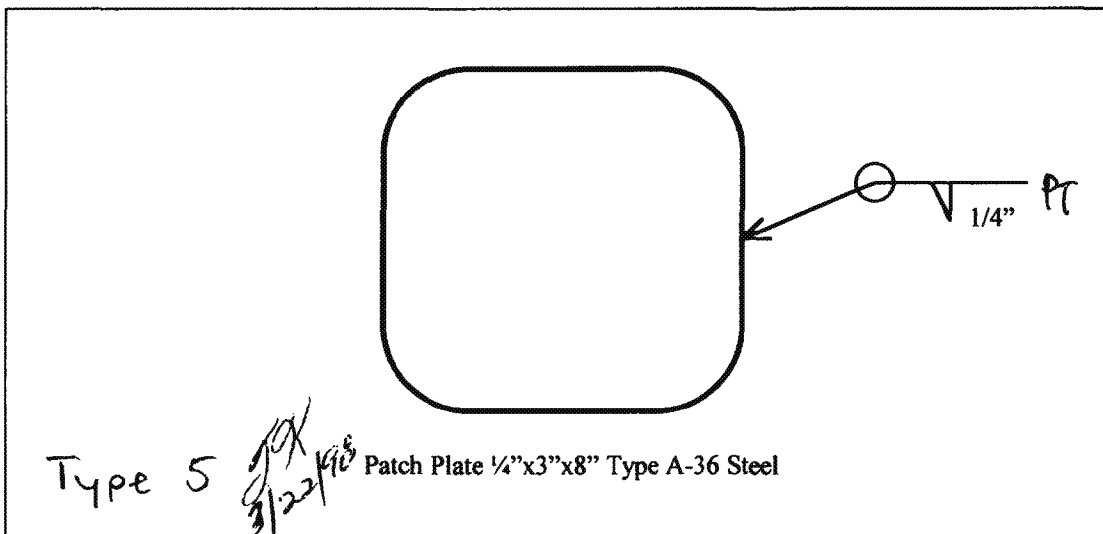
#### TYPE 5 REPAIR

LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No. 170		File 10udr170	
Upper dome		Quadrant A	
Course A		Plate 5	
Drawn by: Tom Kitchen		Date: 2/20/98	

**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

**Repair Record**

Tank No.: 10 Repair No.: 170 Type: 7 Location: A



Sketch of Repair Area

Weld Repair

WPS No.: SM1.1-1

Welder ID: John Walsh

NDT Performed: Visual ☒ Vacuum Box ☐ Dye Penetrant ☒

Rework Required: N/A

Repair Acceptable: John Zachell

Date Accepted: 2-27-98

Coating Repair

Coating Type: Epoxy

Surface Preparation: ☒ Primer Coat: ☒ Intermediate Coat: ☒ Final Coat: ☒

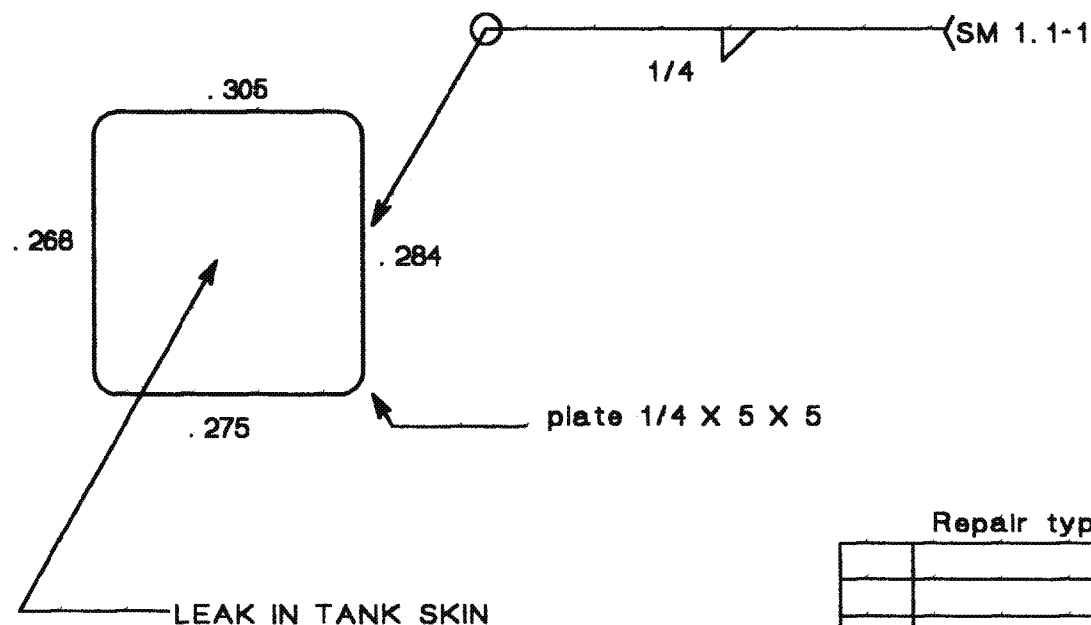
NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8 mils - 15 mils

Rework Required: N/A

Repair Acceptable: John Zachell

Date Accepted: 3-13-98

CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	JF & TK	2/20/98

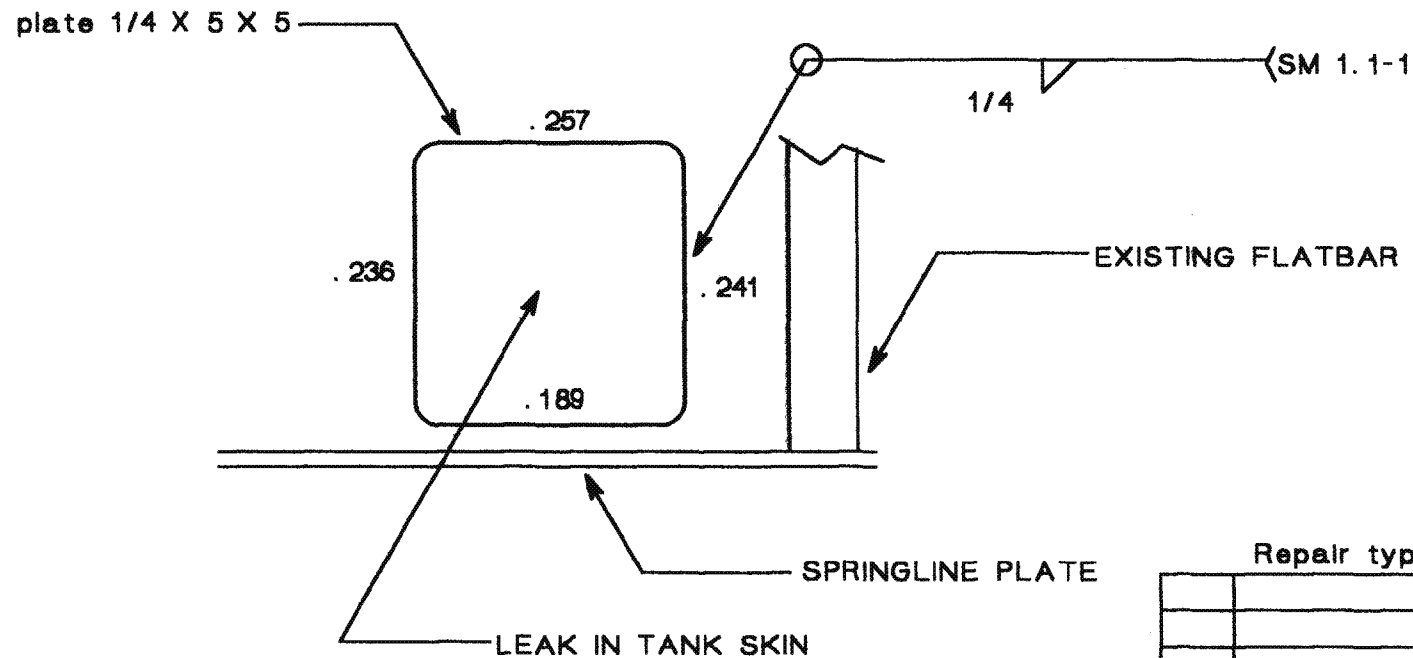


#### Repair type 5

LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No. 180		File 10-180	
Upper dome		Quadrant B	
Course EXTENSION		Plate 9	
Drawn by: Tom Kitchen		Date: 4/28/98	



CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	JF & TK	2/20/98



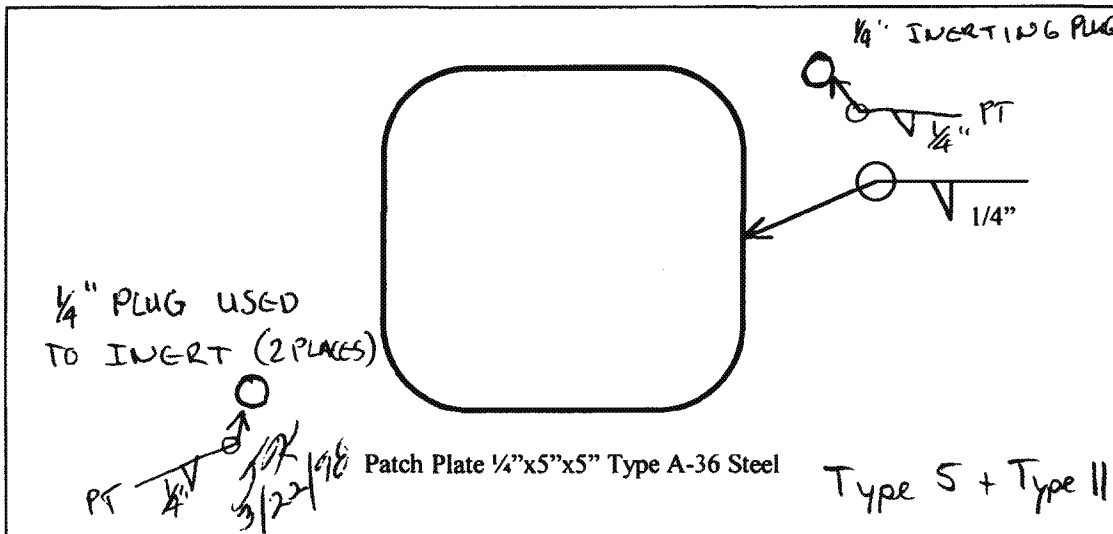
#### Repair type 5

LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No. 190		File 10-190	
Upper dome		Quadrant B	
Course EXTENSION		Plate 9	
Drawn by: Tom Kitchen		Date: 4/28/98	

**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

**Repair Record**

Tank No.: 10 Repair No.: 190 Type: 5 Location: B



Sketch of Repair Area

Weld Repair

WPS No.: SMI.1-1

Welder ID: John Walsh

NDT Performed: Visual ☒ Vacuum Box ☐ Dye Penetrant ☒

Rework Required: N/A

Repair Acceptable: John Zschell Date Accepted: 2-27-98

Coating Repair

Coating Type: Epoxy

Surface Preparation: ☒ Primer Coat: ☒ Intermediate Coat: ☒ Final Coat: ☒

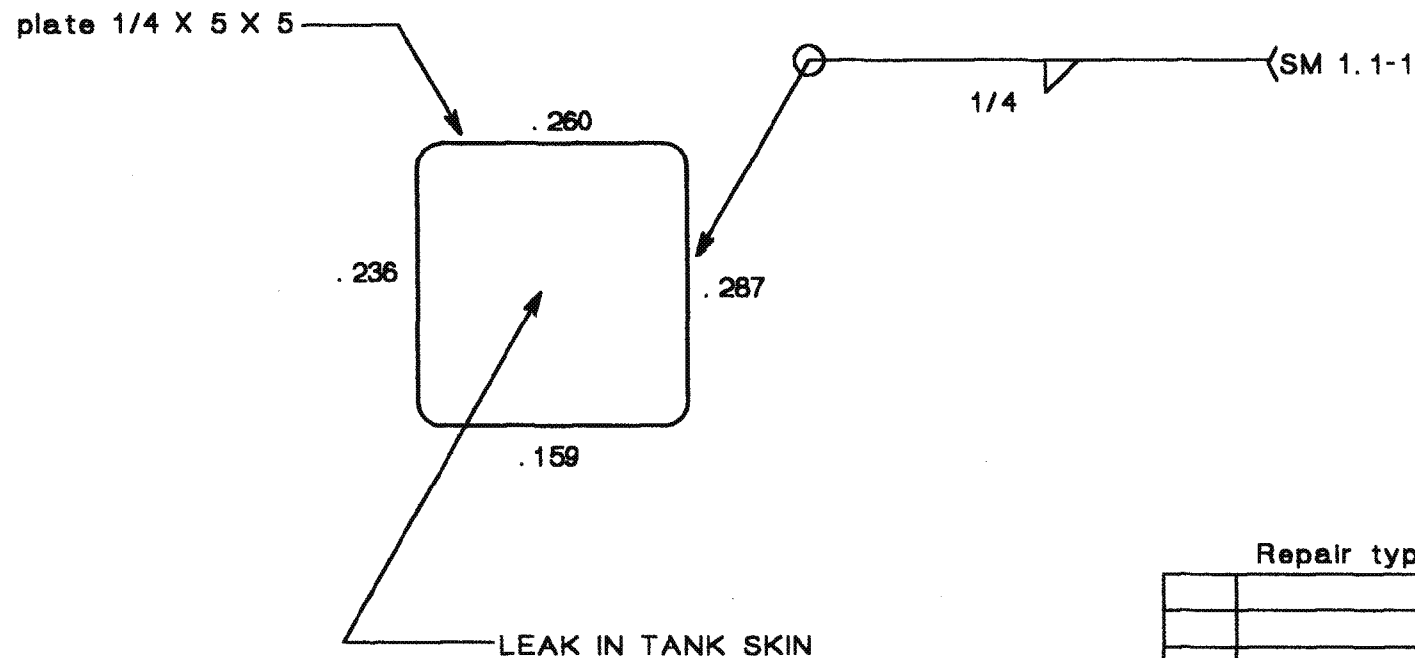
NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8 mils - 15 mils

Rework Required: N/A

Repair Acceptable: John Zschell Date Accepted: 3-13-98



CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	JF & TK	2/20/98



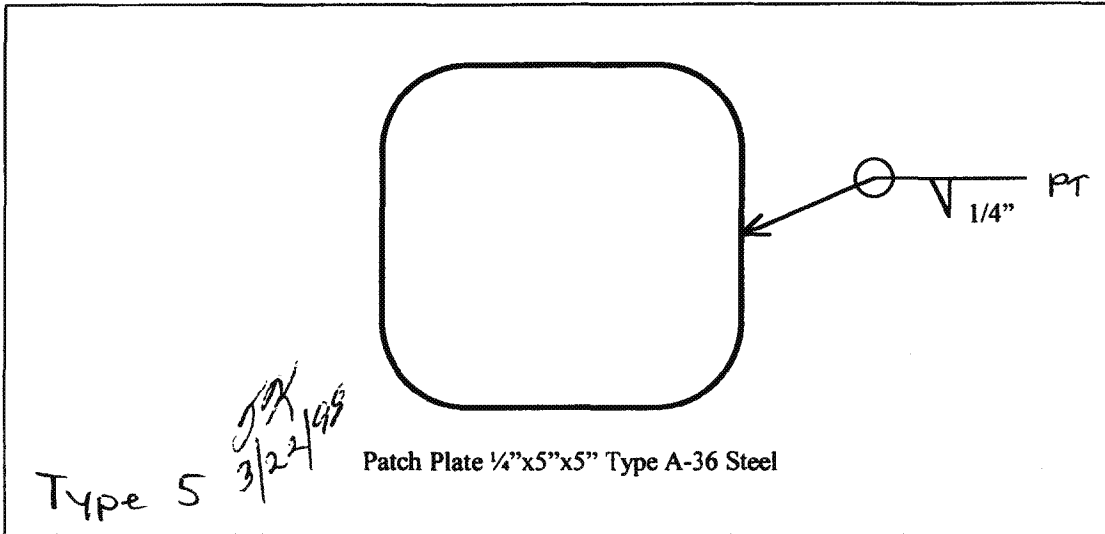
#### Repair type 5

LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No. 200		File 10r200	
Upper dome		Quadrant B	
Course EXTENSION		Plate 10	
Drawn by: Tom Kitchen		Date: 4/28/98	

**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

**Repair Record**

Tank No.: 10 Repair No.: 200 Type: 5 Location: B



Sketch of Repair Area

Weld Repair

WPS No.: SM1.1-1

Welder ID: John Walsh

NDT Performed: Visual ☒ Vacuum Box ☐ Dye Penetrant ☒

Rework Required: N/A

Repair Acceptable: John Zachell Date Accepted: 2-27-98

Coating Repair

Coating Type: Epoxy

Surface Preparation: ☒ Primer Coat: ☒ Intermediate Coat: ☒ Final Coat: ☒

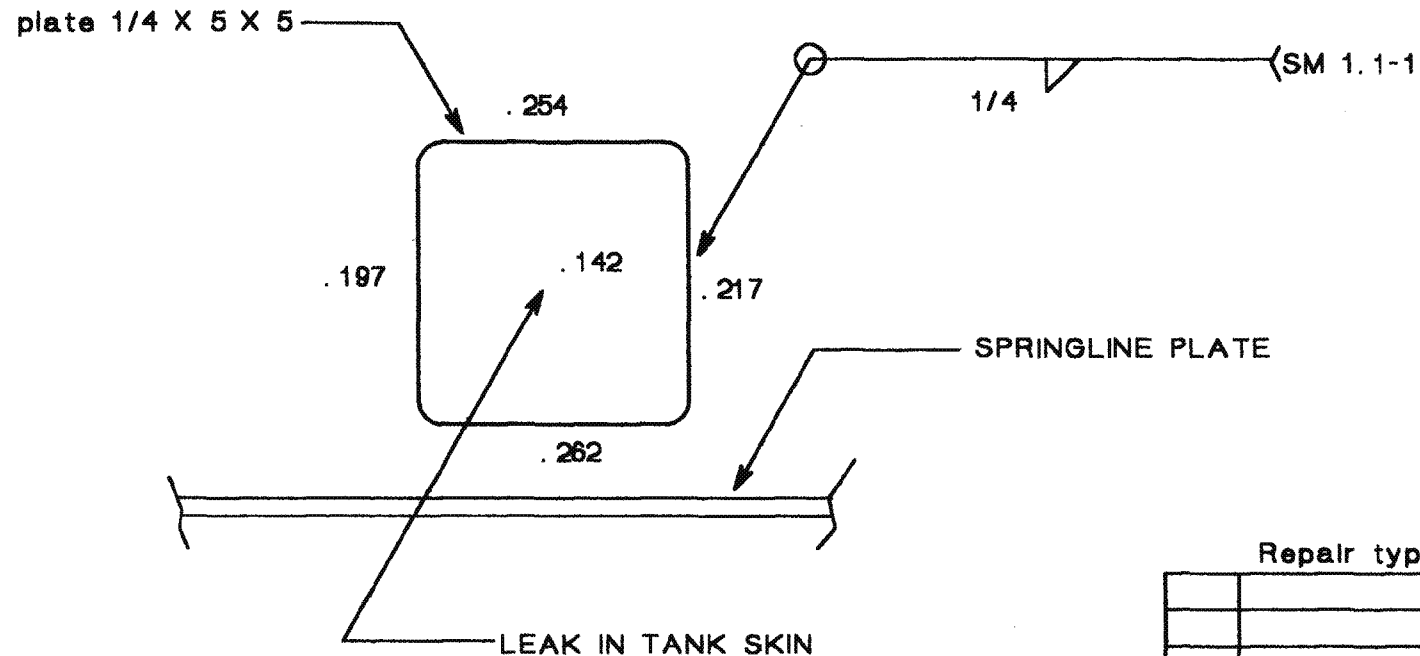
NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8 mils - 15 mils

Rework Required: N/A

Repair Acceptable: John Zachell Date Accepted: 3-13-98

# CALENDER OF EVENTS

EVENT	BY	DATE
Defect Inspected	JF & TK	2/20/98



## Repair type 5

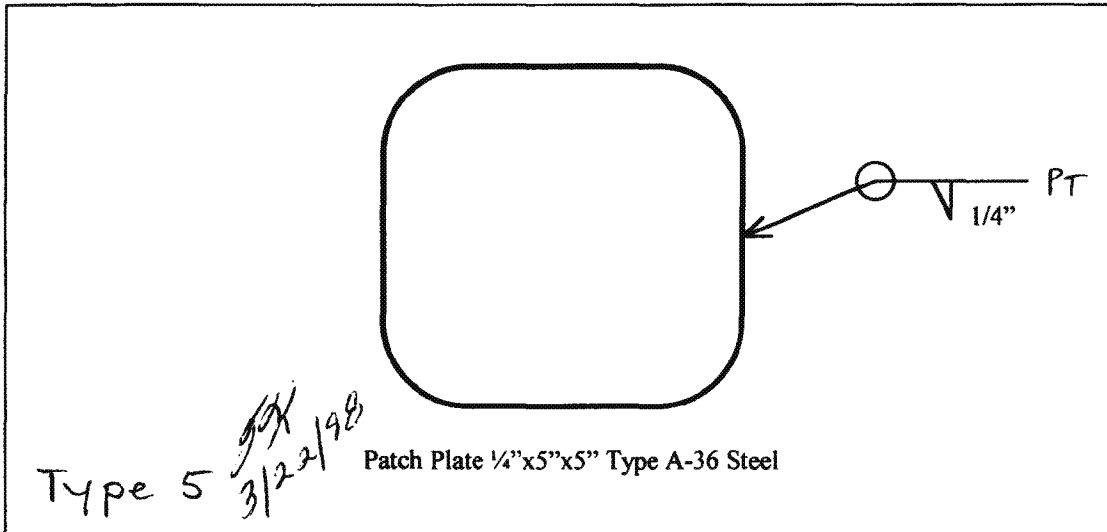
LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No. 210	File 10r210		
Upper dome	Quadrant B		
Course EXTENSION	Plate 10		
Drawn by: Tom Kitchen	Date: 4/28/98		

**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

Repair Record

ADD

Tank No.: 10    Repair No.: 210    Type: 5    Location: B



Sketch of Repair Area

Weld Repair

WPS No.: SM1.1-1

Welder ID: John Walsh

NDT Performed:                      Visual ☒    Vacuum Box ☐    Dye Penetrant ☒

Rework Required: N/A

Repair Acceptable: John Zaderell                      Date Accepted: 3-2-98

Coating Repair

Coating Type: Epoxy

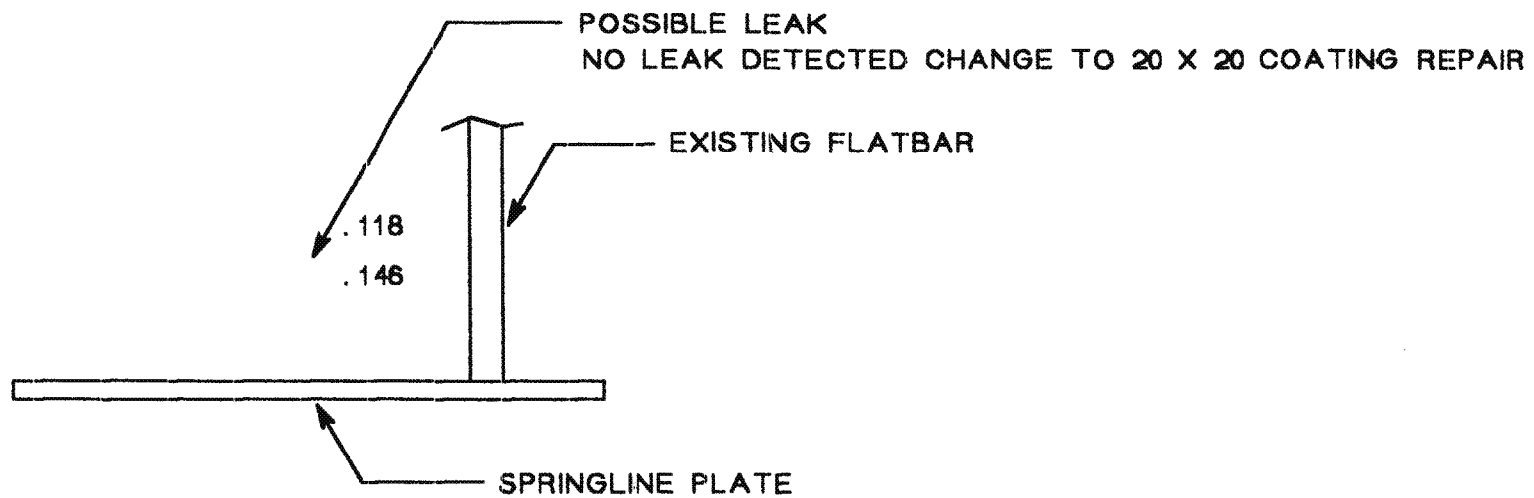
Surface Preparation: ☒    Primer Coat: ☒    Intermediate Coat: ☒    Final Coat: ☒

NDT Performed:                      Visual: ☒    DFT: ☒    Average DFT: 8 mils - 15 mils

Rework Required: N/A

Repair Acceptable: John Zaderell                      Date Accepted: 3-13-98

CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	JF&TK	2/20/98
Drawing Issued to FISC		
Drawing Issued to ROICC		
Defect repaired		
Repair Inspected		
Reports to FISC		

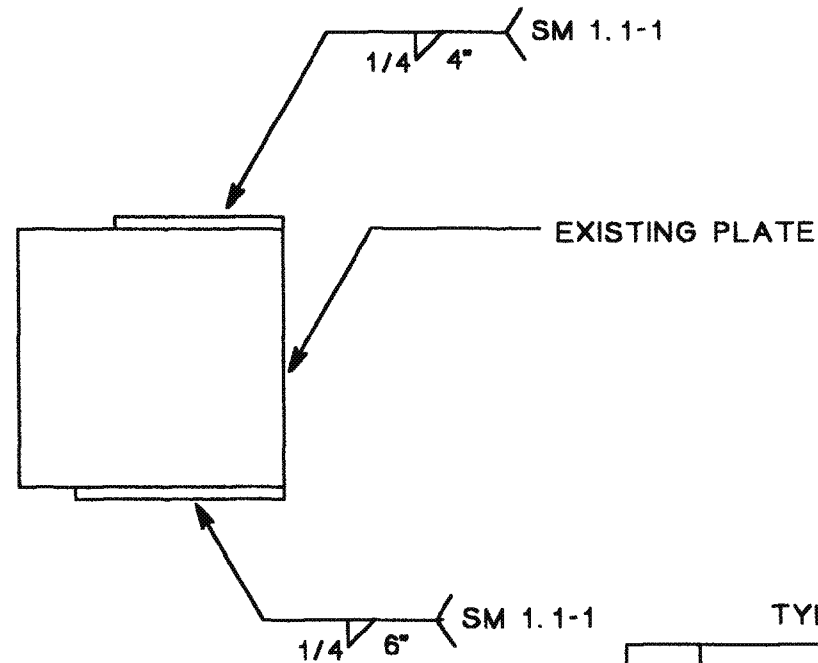


#### TYPE 8 REPAIR

LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No. 220		File 10udr220	
Upper dome		Quadrant B	
Course EXTENSION		Plate 11	
Drawn by: Tom Kitchen		Date: 5/13/98	



CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	JF&TK	2/20/98



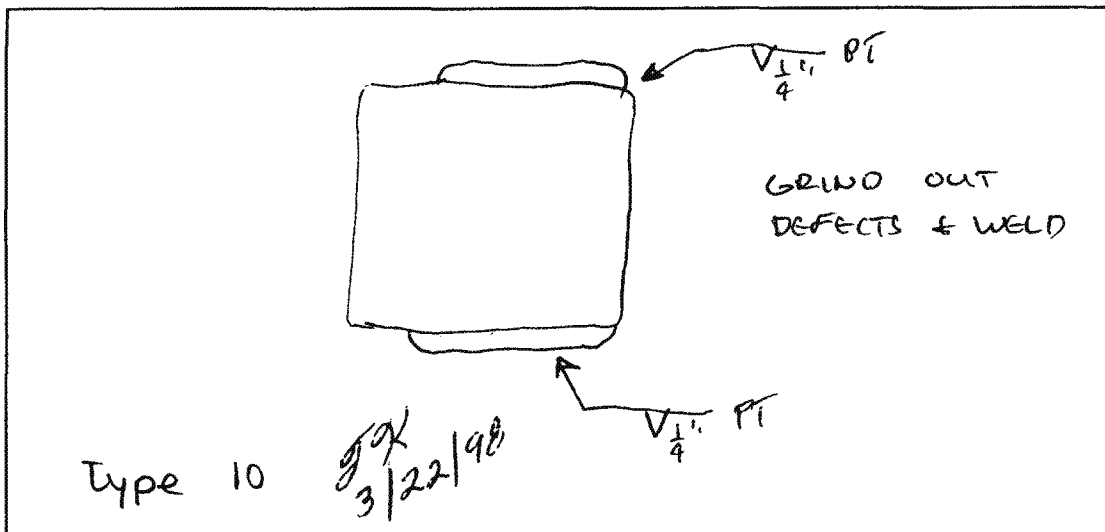
#### TYPE 10 REPAIR

LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No.: 230		File: 10r230	
Cylinder		Quadrant: B	
Course: 1		Plate: 11	
Drawn by: Tom Kitchen		Date: 5/13/98	

**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

**Repair Record**

Tank No.: 10 Repair No.: 230 Type: 8 Location: A



Sketch of Repair Area

Weld Repair

WPS No.: SM 1.1-1

Welder ID: John Walsh

NDT Performed: Visual ☒ Vacuum Box ☐ Dye Penetrant ☒

Rework Required: N/A

Repair Acceptable: John Zickrell Date Accepted: 3-3-98

Coating Repair

Coating Type: EPOXY

Surface Preparation: ☒ Primer Coat: ☒ Intermediate Coat: ☒ Final Coat: ☒

NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8 mils - 15 mils

Rework Required: N/A

Repair Acceptable: John Zickrell Date Accepted: 3-13-98



CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	JF&TK	2/20/98

COATING FAILURE DUE TO SCRATCH BY BASKET  
APPROXIMATELY 800 SQUARE INCH AREA

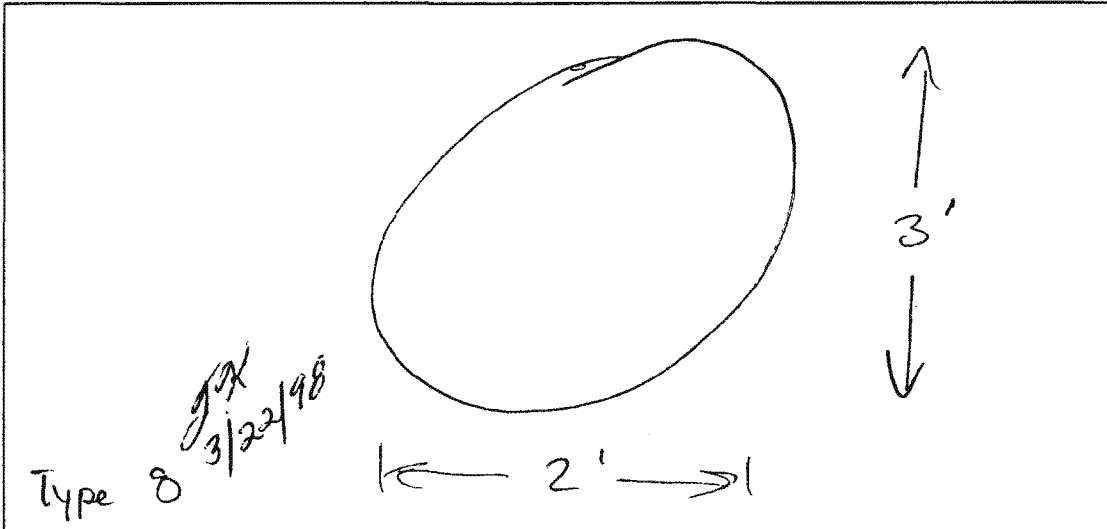
#### TYPE 8 REPAIR

LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No.: 240		File: 10r240	
Upper Dome		Quadrant: B	
Course: 1		Plate: 2	
Drawn by: Tom Kitchen		Date: 5/13/98	

**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

**Repair Record**

Tank No.: 10 Repair No.: 240 Type: 8 Location: A



Sketch of Repair Area

Weld Repair N/A

WPS No.: SM1.1-1

Welder ID: John Walsh

NDT Performed: Visual        Vacuum Box        Dye Penetrant       

Rework Required:       

Repair Acceptable:        Date Accepted:       

Coating Repair

Coating Type: Epoxy

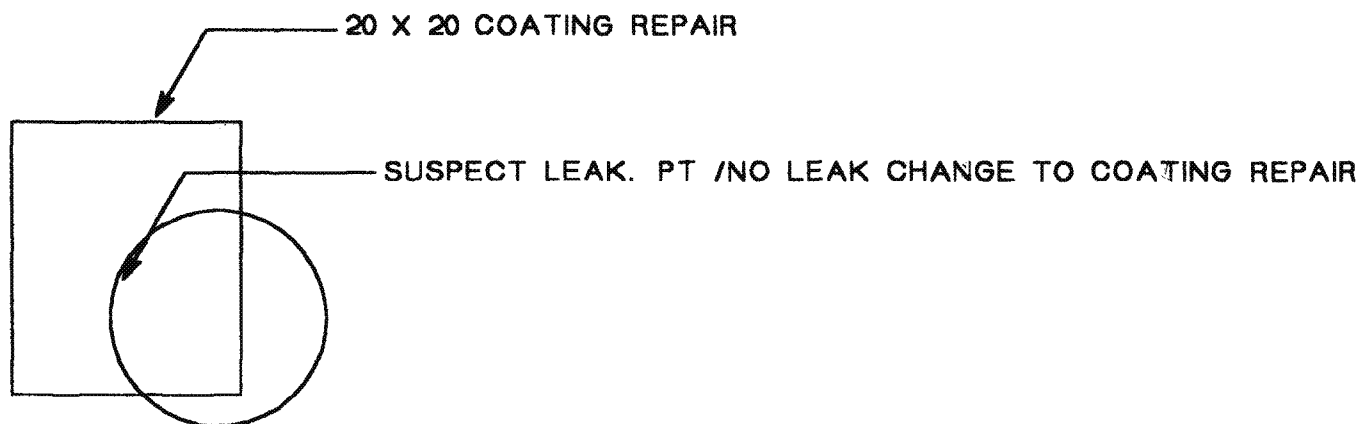
Surface Preparation: ✓ Primer Coat: ✓ Intermediate Coat: ✓ Final Coat: ✓

NDT Performed: Visual: ✓ DFT: ✓ Average DFT: 8 mils - 15 mils

Rework Required: N/A

Repair Acceptable: John Walsh Date Accepted: 3-13-98

CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	JF&TK	2/20/98



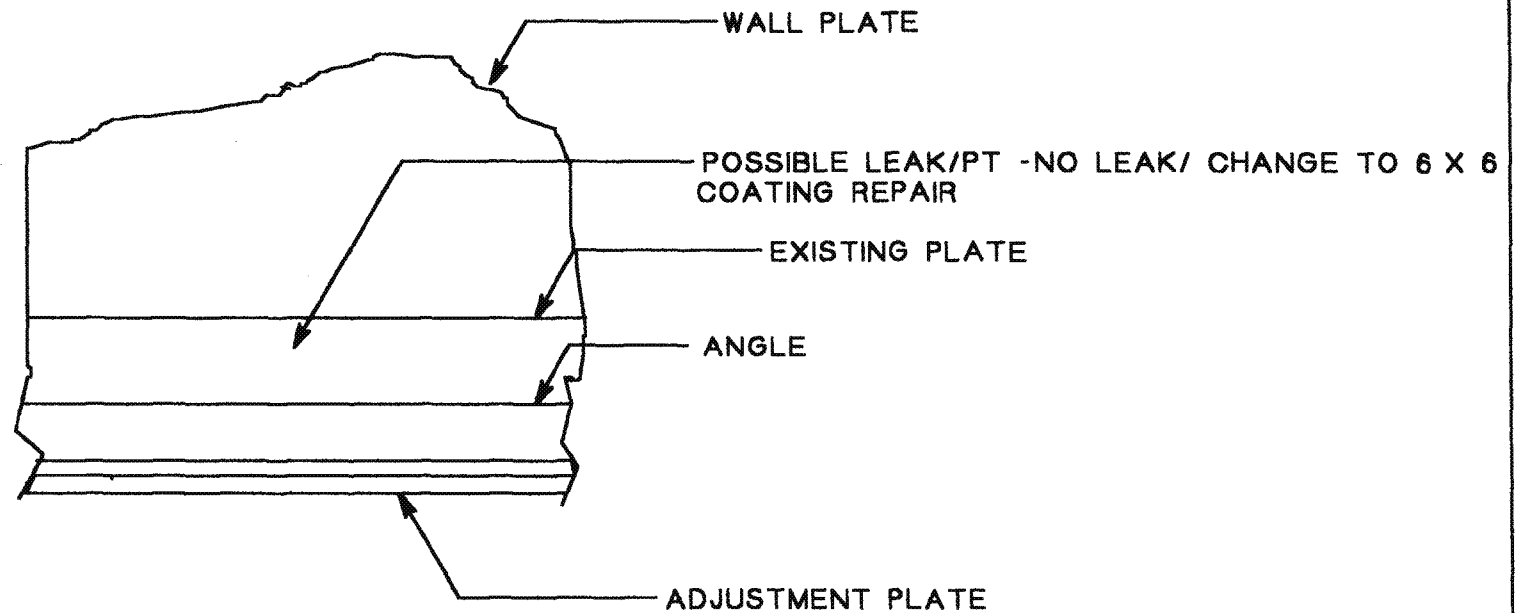
#### TYPE 8 REPAIR

LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No. 250		File 10r250	
Upper dome		Quadrant B	
Course EXTENSION		Plate 9	
Drawn by: Tom Kitchen		Date: 5/13/98	

RDHLC0001233



CALENDER OF EVENTS		
EVENT	BY	DATE
Defect Inspected	JF&TK	2/20/98



#### TYPE 8 REPAIR

LTR	DESCRIPTION	BY	DATE
REVISIONS			
MID ATLANTIC ENVIRONMENTAL			
EMERGENCY REPAIRS FOR RED HILL TANKS			
Tank #10			
Repair No.: 260		File: 10-260	
Upper dome		Quadrant: B	
Course: EXTENSION		Plate: 9	
Drawn by: Tom Kitchen		Date: 5/13/98	

