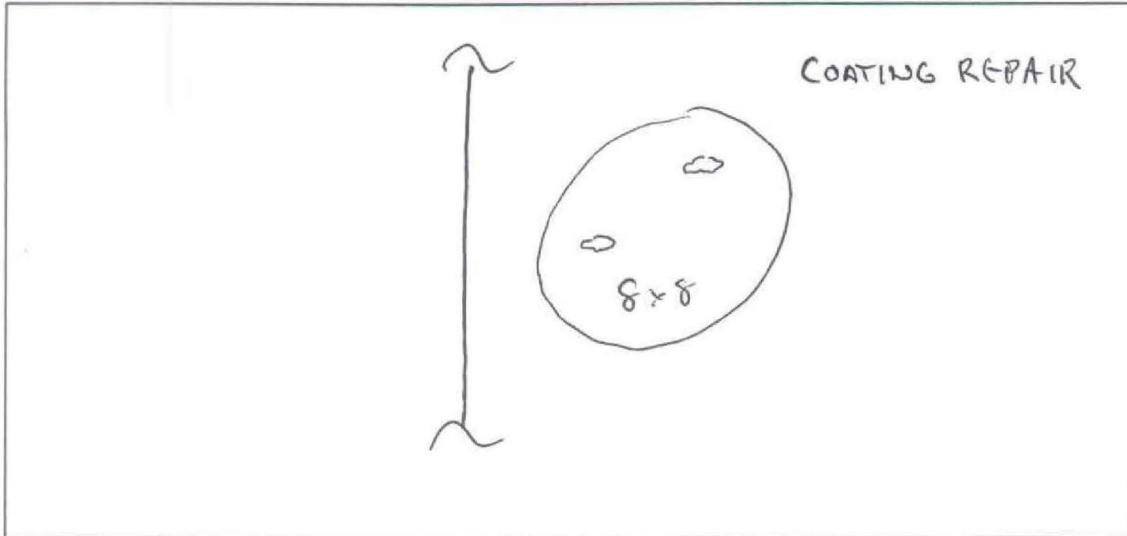


**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

Repair Record

ADD

Tank No.: 8 Repair No.: 013 Type: 8 Location: B11-3



Sketch of Repair Area

Weld Repair N/A

WPS No.: \_\_\_\_\_

Welder ID: \_\_\_\_\_

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

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

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

Coating Repair

Coating Type: EPOXY

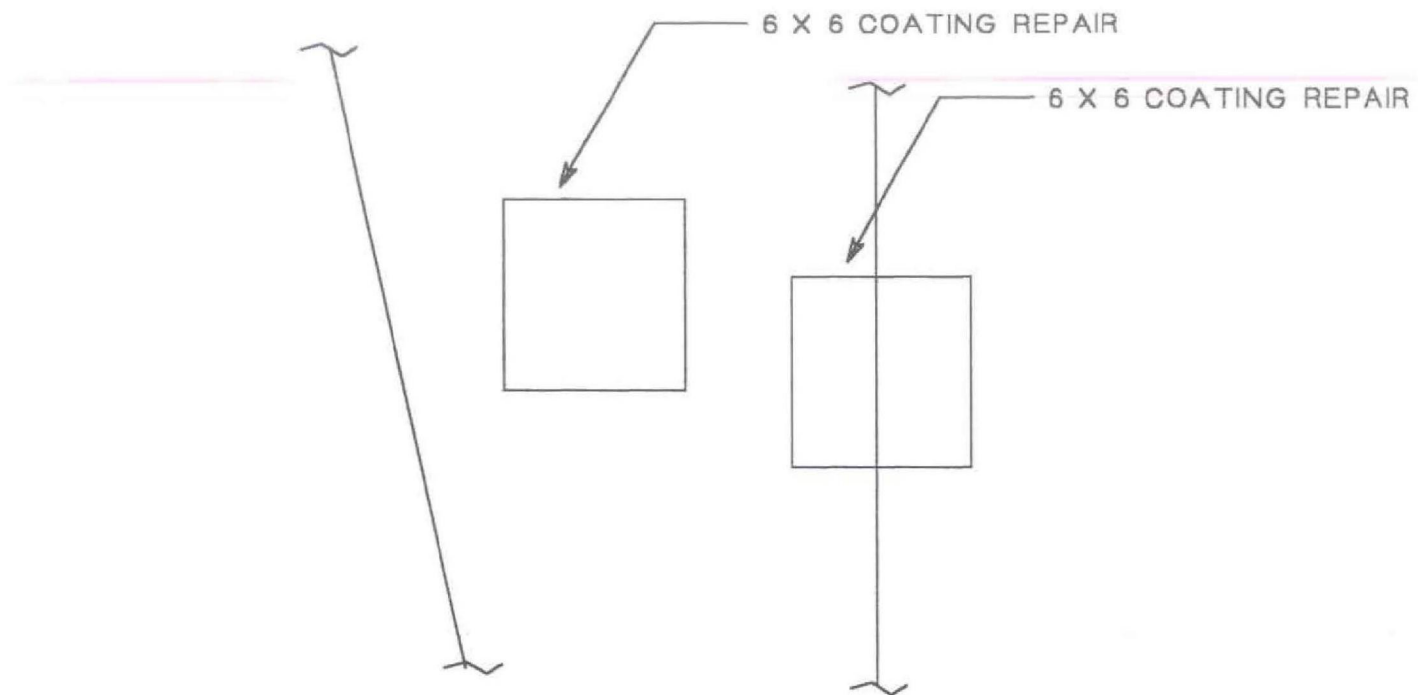
Surface Preparation: ✓ Primer Coat: ✓ Intermediate Coat: ✓ Final Coat: ✓

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

Rework Required: N/A

Repair Acceptable: John Schell Date Accepted: 4-13-98

DEFECT INSPECTED BY TK & JF 3/16/98



TYPE 9 REPAIR

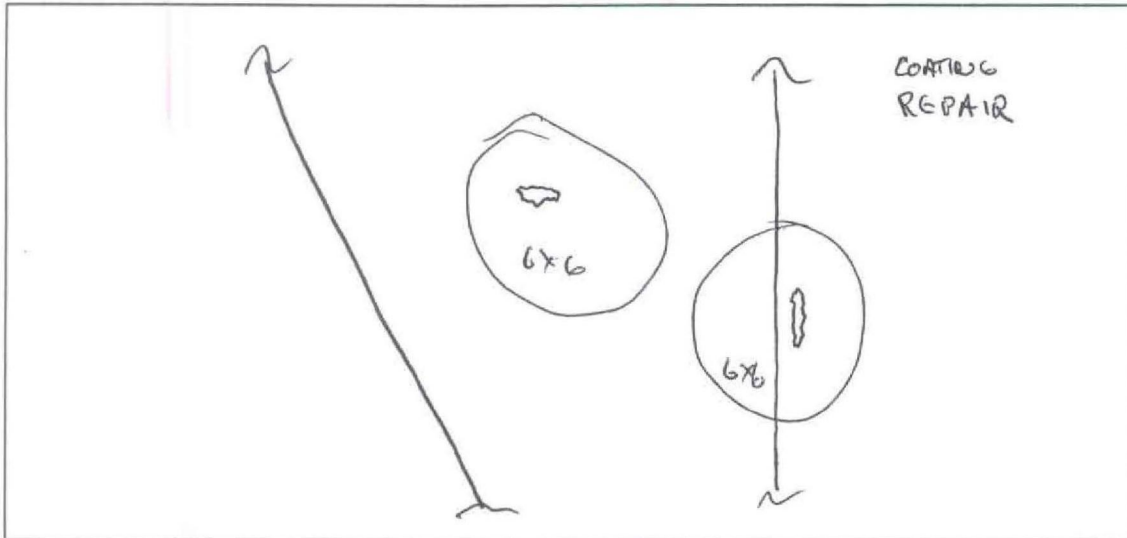
MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #8 RECOMMENDED REPAIR DRAWING	
Repair No.: 014	File: 8r014
LOWER DOME	Quadrant: B
Course: 3	PLATE: 10
Drawn by: Tom Kitchen	Date: 5/4/98

RDHLC00004743

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

**Repair Record**

Tank No.: 8 Repair No.: ADD 014 Type: 8 Location: B10 - 3



Sketch of Repair Area

Weld Repair N/A

WPS No.: \_\_\_\_\_

Welder ID: \_\_\_\_\_

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

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

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

Coating Repair

Coating Type: EPOXY

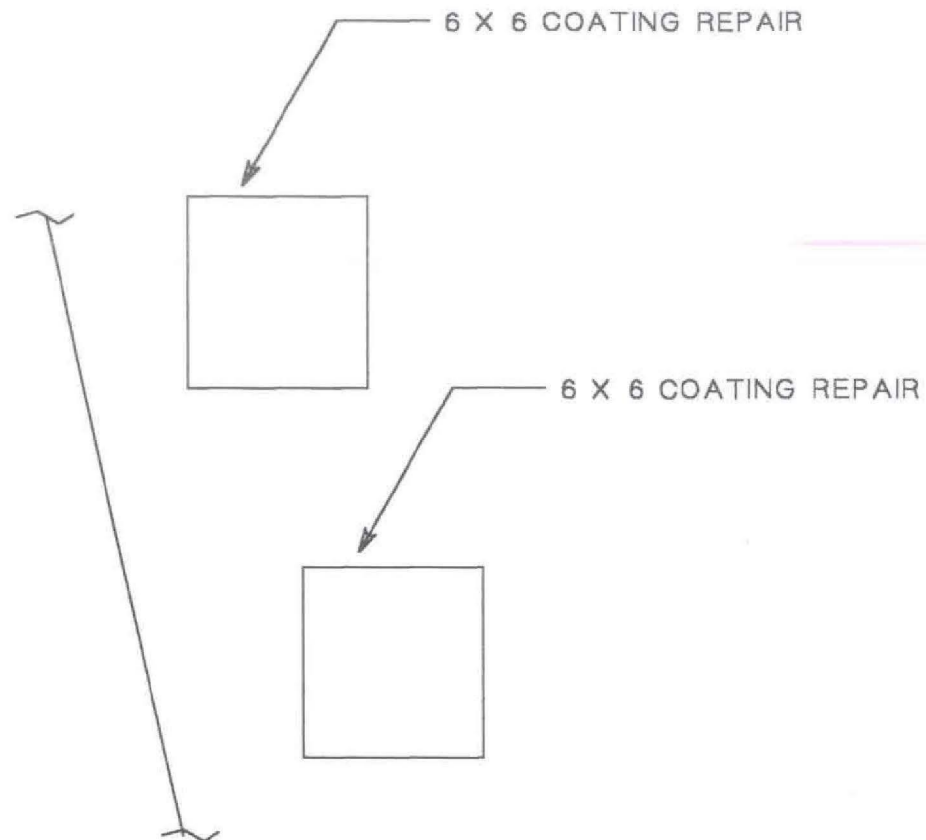
Surface Preparation: ✓ Primer Coat: ✓ Intermediate Coat: ✓ Final Coat: ✓

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

Rework Required: N/A

Repair Acceptable: John Zachell Date Accepted: 4-13-98

DEFECT INSPECTED BY TK & JF 3/16/98



TYPE 8 REPAIR

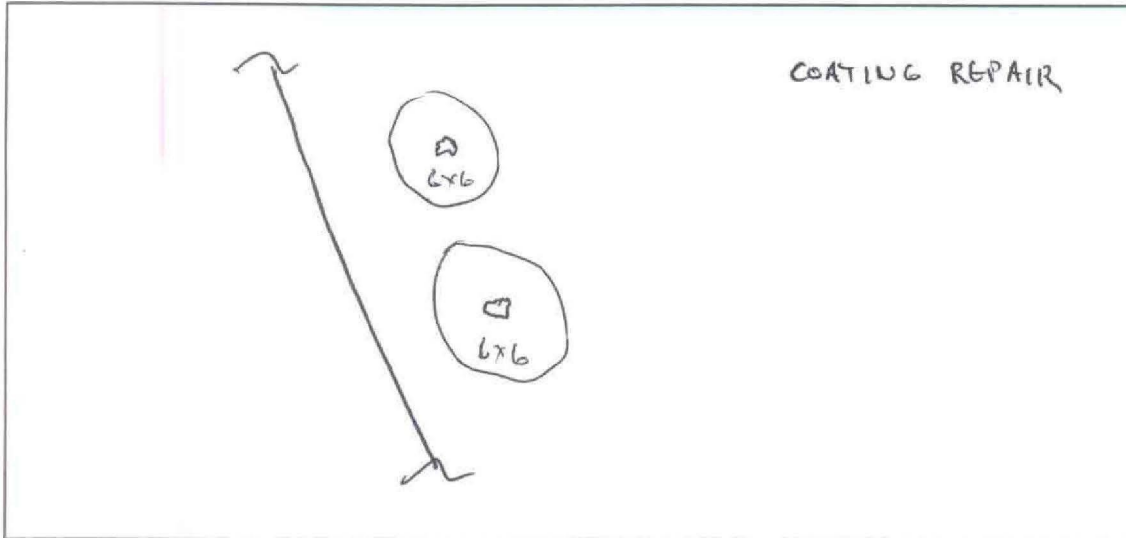
MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #8 RECOMMENDED REPAIR DRAWING	
Repair No.: 015	File: 8r015
LOWER DOME	Quadrant: B
Course: 3	PLATE: 10
Drawn by: Tom Kitchen	Date: 5/4/98

RDHLC00004745

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

Repair Record

Tank No.: 8 Repair No.: ADD 015 Type: 8 Location: B10-3



Sketch of Repair Area

Weld Repair N/A

WPS No.: \_\_\_\_\_

Welder ID: \_\_\_\_\_

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

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

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

Coating Repair

Coating Type: EPOXY

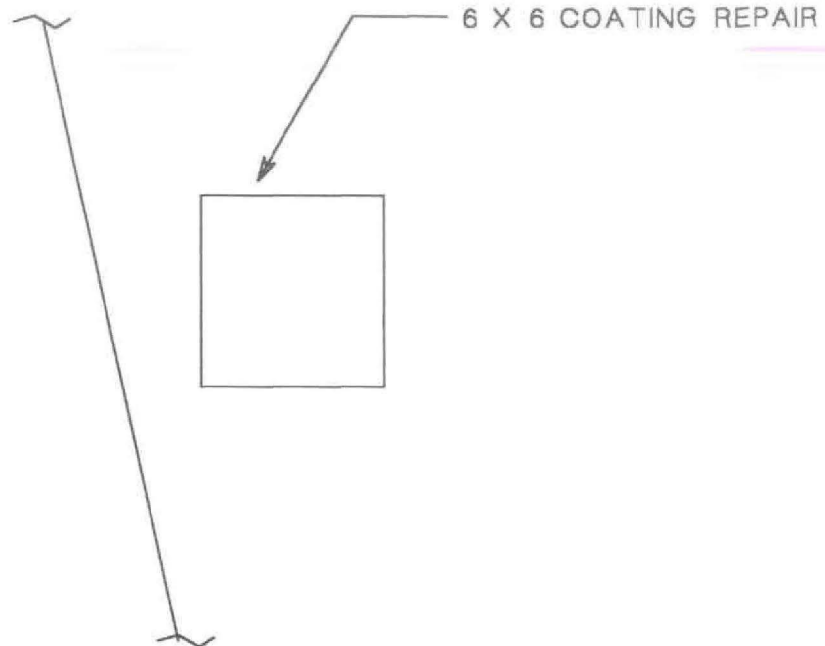
Surface Preparation: ✓ Primer Coat: ✓ Intermediate Coat: ✓ Final Coat: ✓

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

Rework Required: N/A

Repair Acceptable: John Zichell Date Accepted: 4-13-98

DEFECT INSPECTED BY TK & JF 3/16/98



TYPE 8 REPAIR

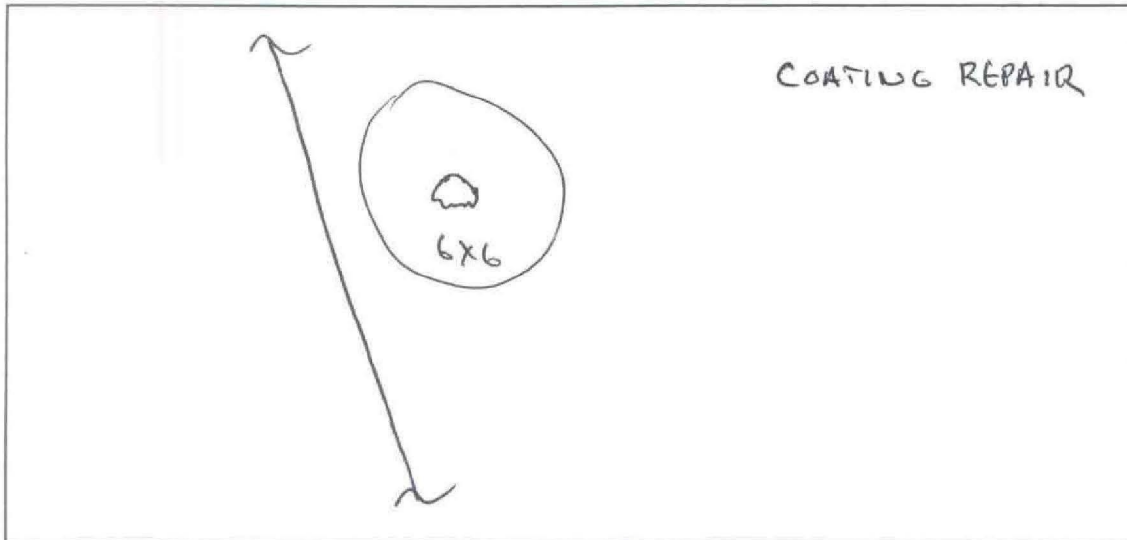
MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #8 RECOMMENDED REPAIR DRAWING	
Repair No.: 016	File: 8r016
LOWER DOME	Quadrant: B
Course: 3	PLATE: 19
Drawn by: Tom Kitchen	Date: 5/4/98

RDHLC00004747

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

Repair Record

Tank No.: 8 Repair No.: ADD 016 Type: 8 Location: B9-3



Sketch of Repair Area

Weld Repair N/A

WPS No.: \_\_\_\_\_

Welder ID: \_\_\_\_\_

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: ☒

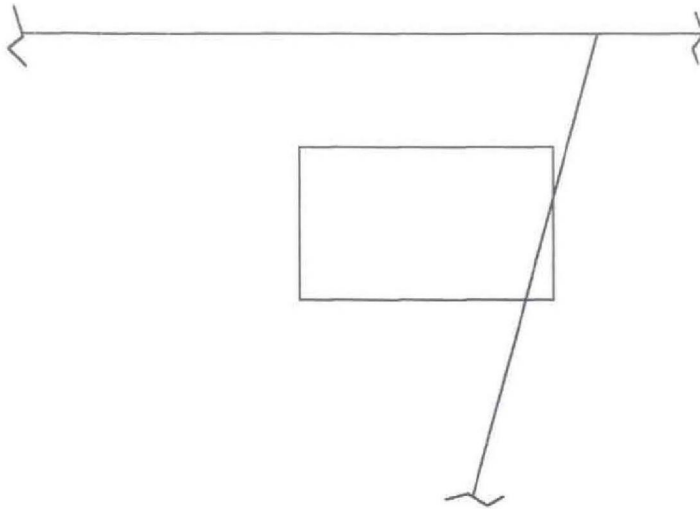
NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8-15 mils

Rework Required: N/A

Repair Acceptable: John Zdravell Date Accepted: 4-13-98

DEFECT INSPECTED BY TK & JF 3/16/98

6 X 8 COATING REPAIR



TYPE 8 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #8 RECOMMENDED REPAIR DRAWING	
Repair No.: 017	File: 8r017
LOWER DOME	Quadrant: B
Course: 3	PLATE: 8
Drawn by: Tom Kitchen	Date: 5/4/98

RDHLC00004749

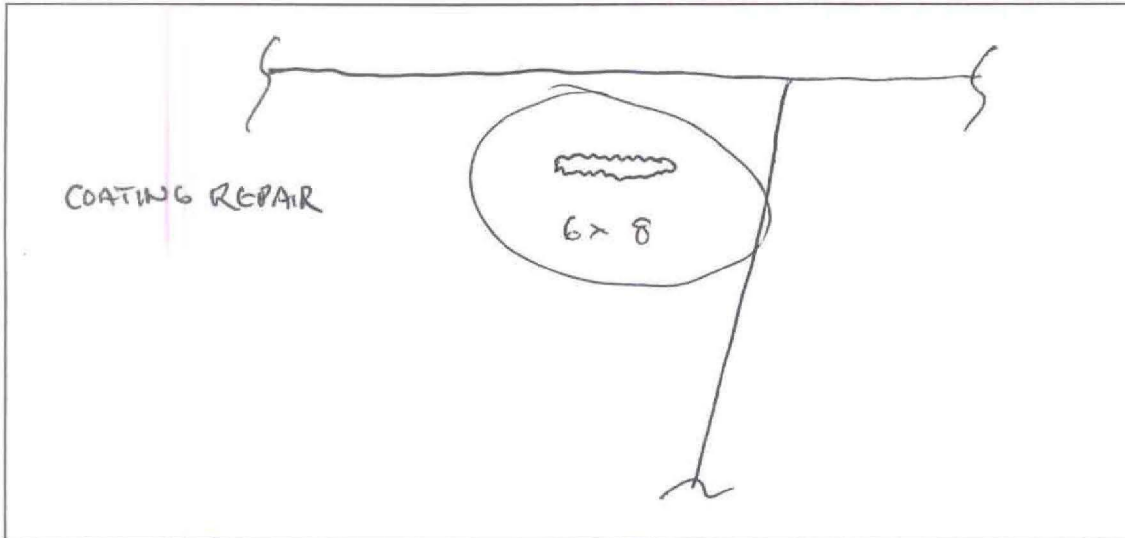


**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

Repair Record

ADD

Tank No.: 8 Repair No.: 017 Type: 8 Location: 88-3



Sketch of Repair Area

Weld Repair N/A

WPS No.: \_\_\_\_\_

Welder ID: \_\_\_\_\_

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

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

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

Coating Repair

Coating Type: EPXY

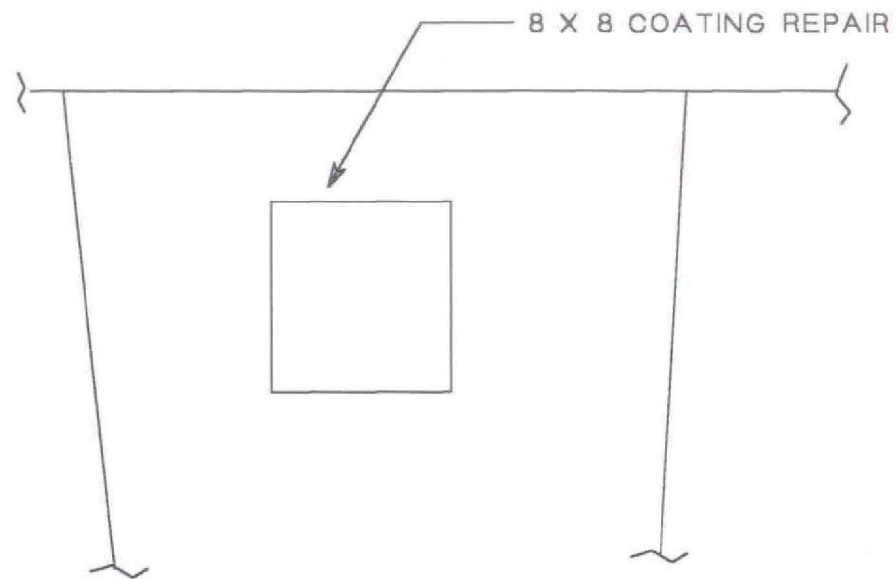
Surface Preparation: ✓ Primer Coat: ✓ Intermediate Coat: ✓ Final Coat: ✓

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

Rework Required: N/A

Repair Acceptable: John Zohrell Date Accepted: 4-13-98

DEFECT INSPECTED BY TK & JF 3/16/98



TYPE 8 REPAIR

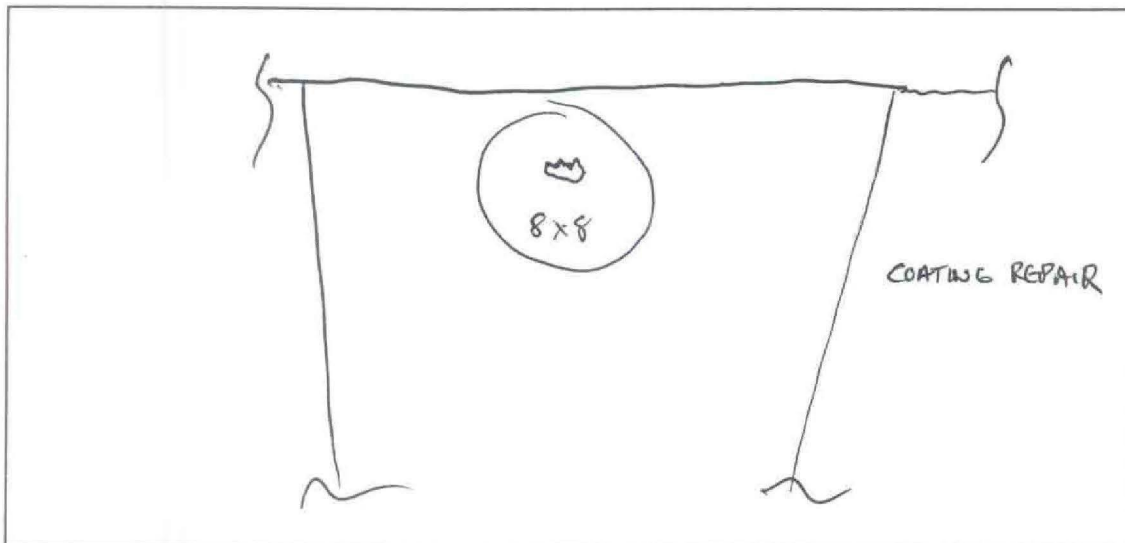
MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #8 RECOMMENDED REPAIR DRAWING	
Repair No.: 018	File: 8r018
LOWER DOME	Quadrant: B
Course: 2	PLATE: 10
Drawn by: Tom Klitchen	Date: 5/4/98

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

Repair Record

Tank No.: 8 Repair No.: ADD 018 Type: 8 Location: B10-2



Sketch of Repair Area

Weld Repair N/A

WPS No.: \_\_\_\_\_

Welder ID: \_\_\_\_\_

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: ✓

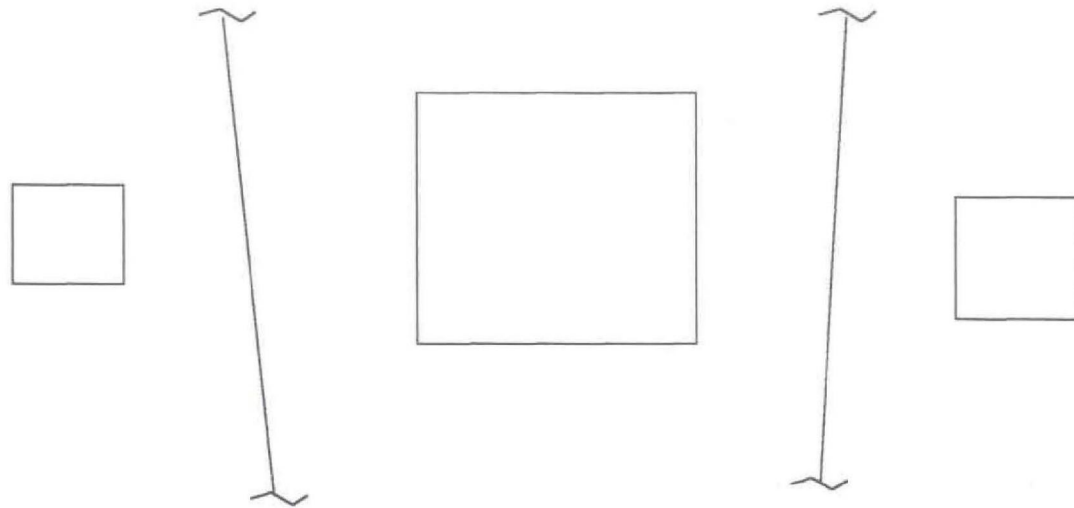
NDT Performed: Visual: ✓ DFT: ✓ Average DFT: 15-22 mils

Rework Required: N/A

Repair Acceptable: John Zschell Date Accepted: 4-13-98

DEFECT INSPECTED BY TK & JF 3/16/98

SCATTERED BLISTERS APPROXIMATE AREA OF COATING  
REPAIR EQUAL 2 SQUARE METERS



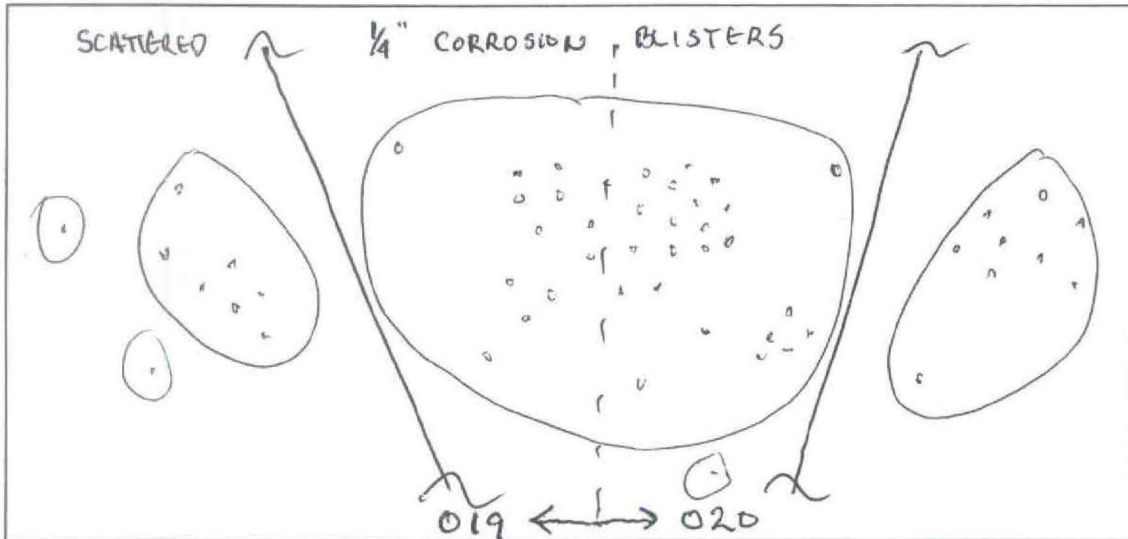
TYPE 8 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #8 RECOMMENDED REPAIR DRAWING	
Repair No.: 019 & 020	File: 8r019
LOWER DOME	Quadrant: B
Course: 2	PLATE: 11
Drawn by: Tom Kitchen	Date: 5/4/98

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

Repair Record

Tank No.: 8 Repair No.: ADD 019 Type: 8 Location: B11-2  
~~019~~



Sketch of Repair Area

Weld Repair N/A

WPS No.: \_\_\_\_\_

Welder ID: \_\_\_\_\_

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: 15.22 mils

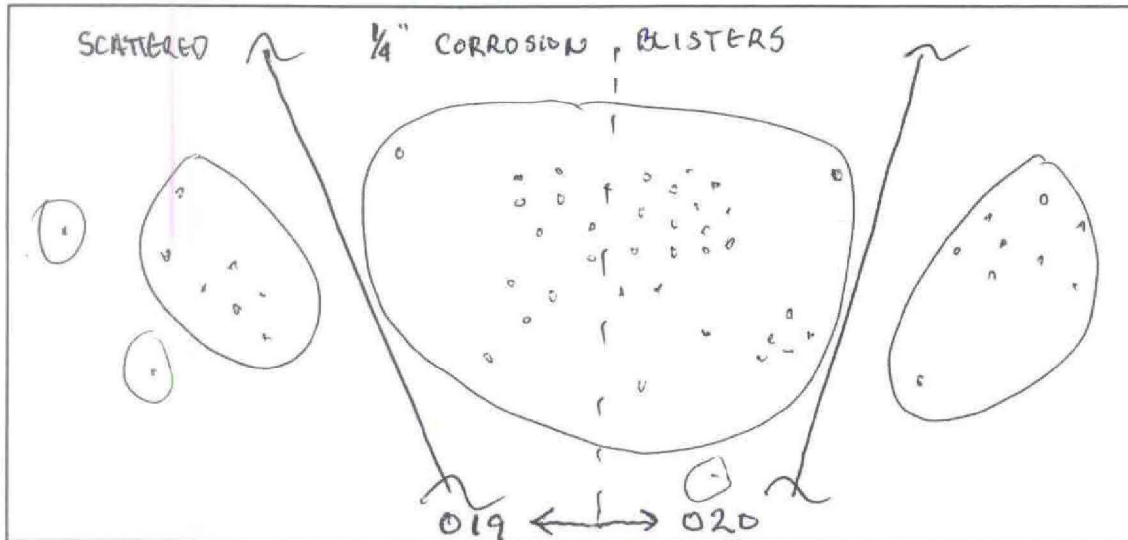
Rework Required: N/A

Repair Acceptable: John Zabriskie Date Accepted: 4-13-98

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

Repair Record

Tank No.: 8 Repair No.: ADD 019 Type: 8 Location: B11-2



Sketch of Repair Area

Weld Repair N/A

WPS No.: \_\_\_\_\_

Welder ID: \_\_\_\_\_

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: 15.72 mils

Rework Required: N/A

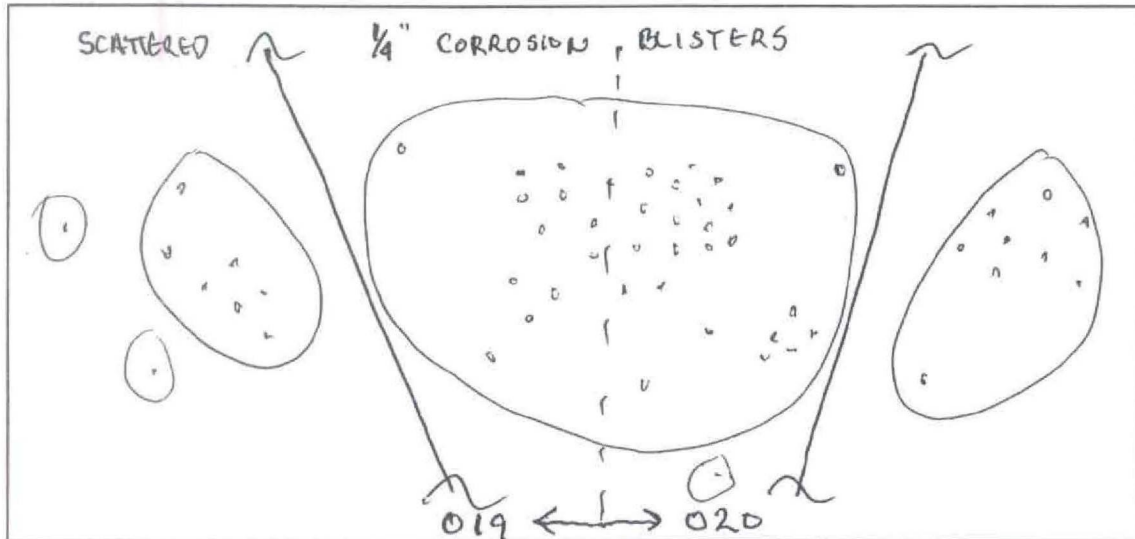
Repair Acceptable: John Zahrell Date Accepted: 4-13-98



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

Repair Record

Tank No.: 8 Repair No.: ADD Type: 8 Location: B11-2  
020



Sketch of Repair Area

Weld Repair N/A

WPS No.: \_\_\_\_\_

Welder ID: \_\_\_\_\_

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

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

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

Coating Repair

Coating Type: EPOXY

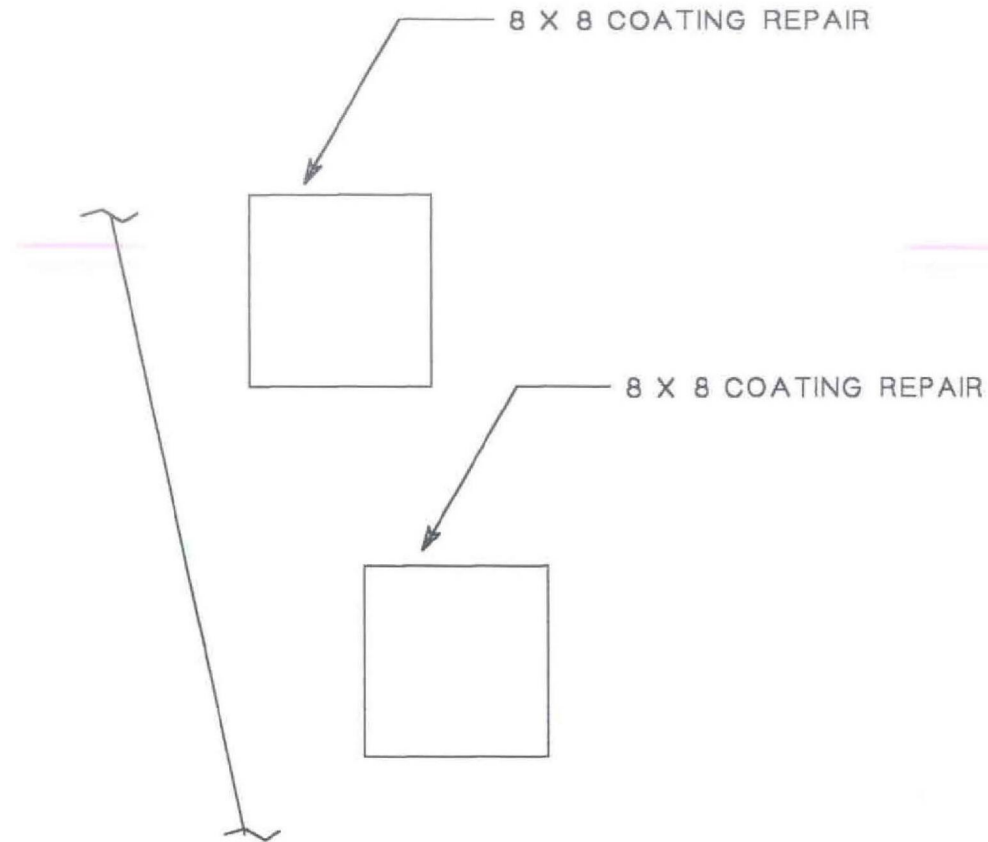
Surface Preparation: ☒ Primer Coat: ☒ Intermediate Coat: ☒ Final Coat: ☒

NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 15-22 mils

Rework Required: N/A

Repair Acceptable: John Zahrell Date Accepted: 4-13-98

DEFECT INSPECTED BY TK & JF 3/16/98



TYPE 8 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #8 RECOMMENDED REPAIR DRAWING	
Repair No.: 021	File: 8r021
LOWER DOME	Quadrant: A
Course: 2	PLATE: 2
Drawn by: Tom Kitchen	Date: 5/4/98

RDHLC0004757

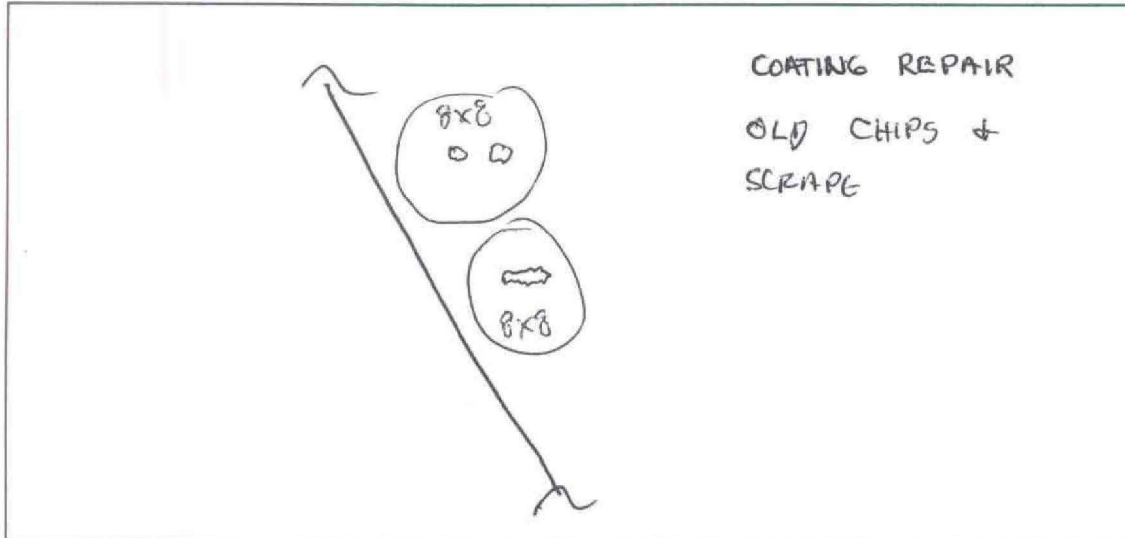


**Dames & Moore**  
Emergency Repairs For Red Hill Tanks at the Fleet Industrial & Supply Center  
Contract No. N62742-96-C-1356

Repair Record

ADD

Tank No.: 8 Repair No.: 021 Type: 8 Location: A2-2



Sketch of Repair Area

Weld Repair N/A

WPS No.: \_\_\_\_\_

Welder ID: \_\_\_\_\_

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

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

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

Coating Repair

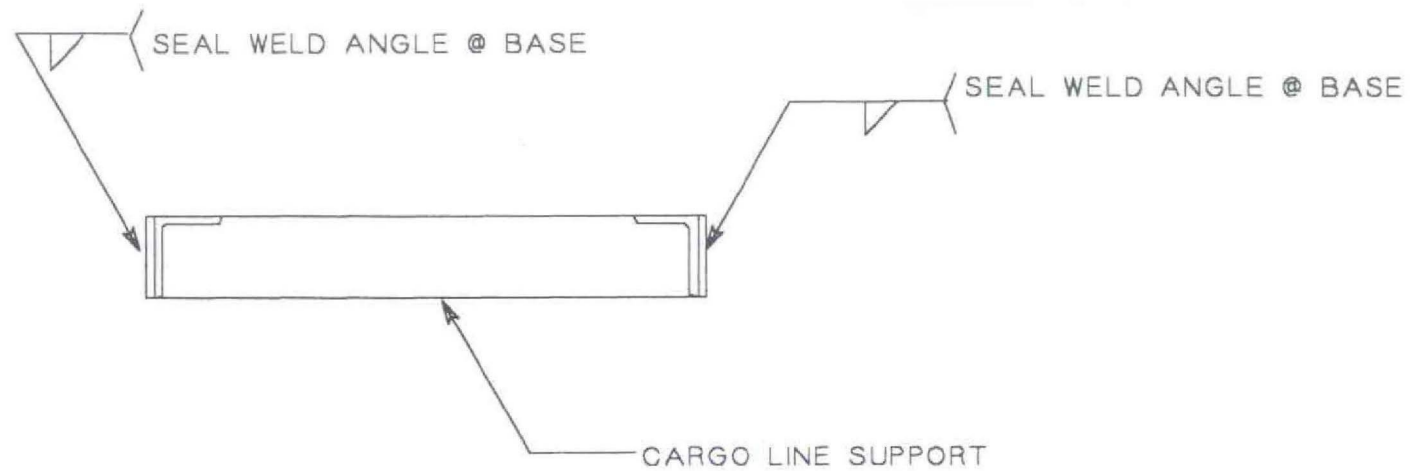
Coating Type: EPOXY

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

NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 15-22 mils

Rework Required: N/A

Repair Acceptable: John Zachell Date Accepted: 4-13-98



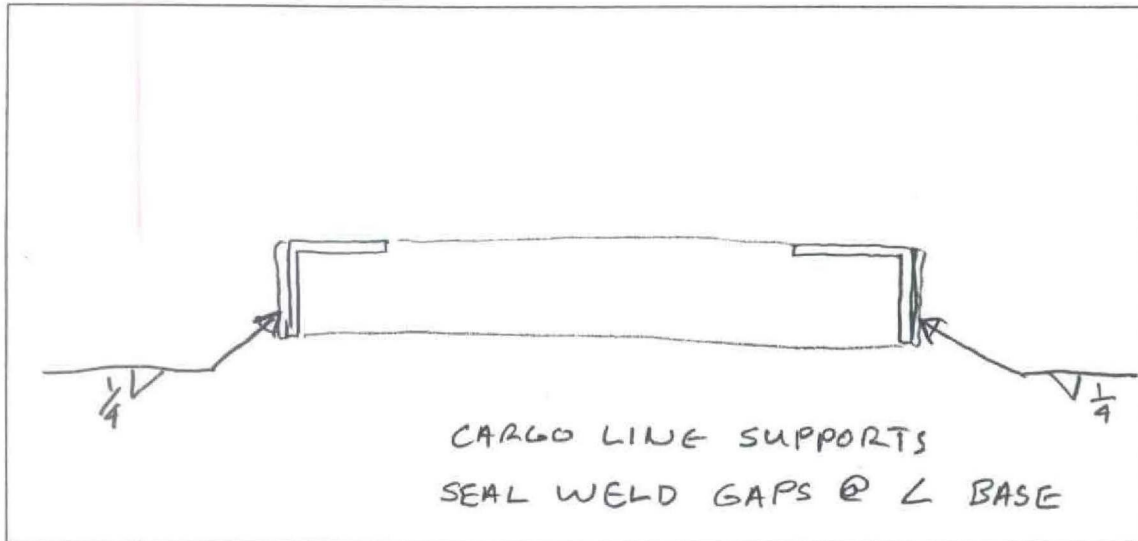
TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #8 RECOMMENDED REPAIR DRAWING	
Repair No.: 022	File: Br022
LOWER DOME	Quadrant: B
Course: 1	PLATE: 12
Drawn by: Tom Kitchen	Date: 7/1/98

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

Repair Record

Tank No.: 8 Repair No.: 022 Type: 10 Location: B-12-1



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 Barkell

Date Accepted: 7-14-98

Coating Repair N/A

Coating Type: \_\_\_\_\_

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

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

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

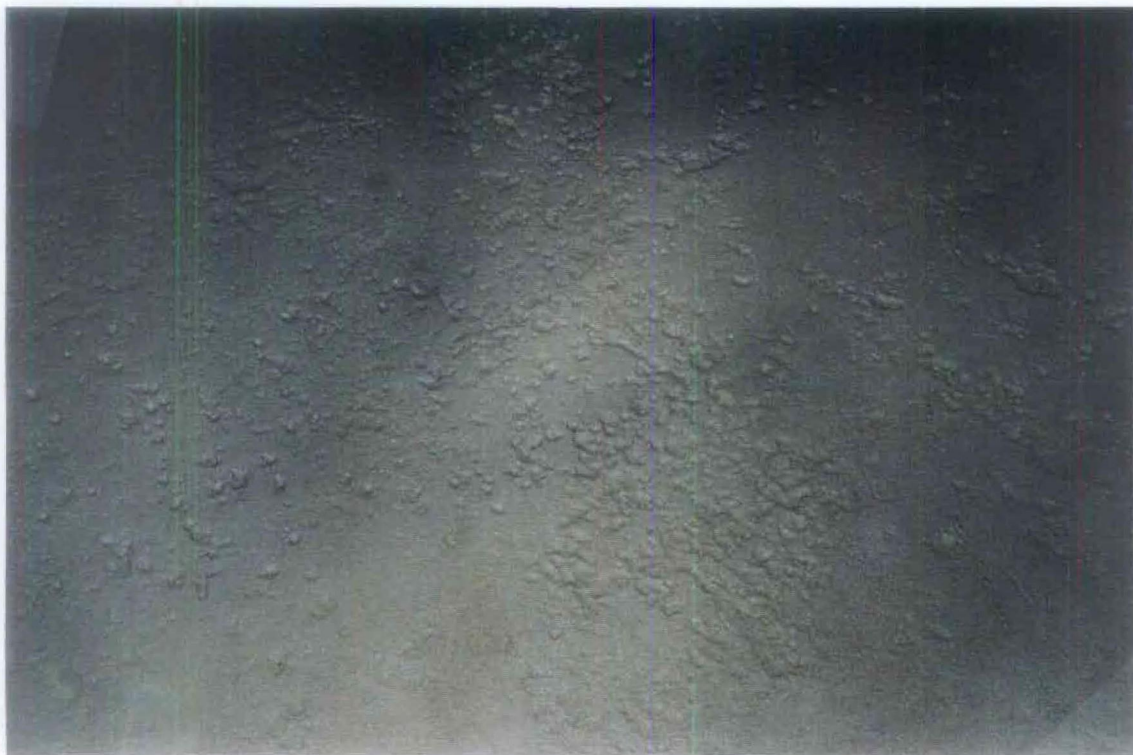
Repair Acceptable: \_\_\_\_\_ Date Accepted: \_\_\_\_\_

**Section 10**  
**AS-BUILT DRAWINGS**

## Section 11

### Pictures

**PICTURES OF PITTING AT BOTTOM OF TANK**



**Section 12**

**CONTRACT DRAWINGS**