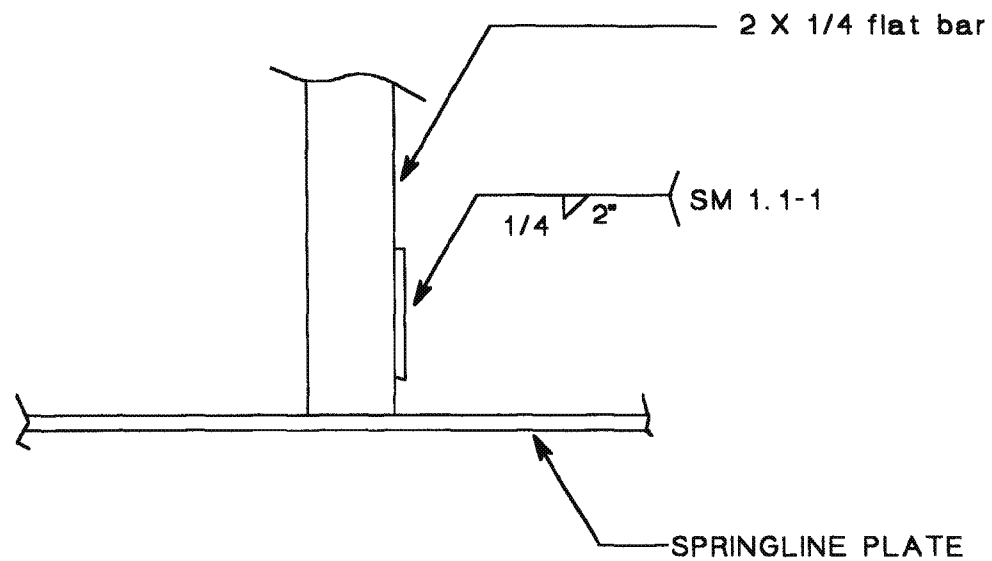


INSPECTED 3/29/98 BY JF & TK



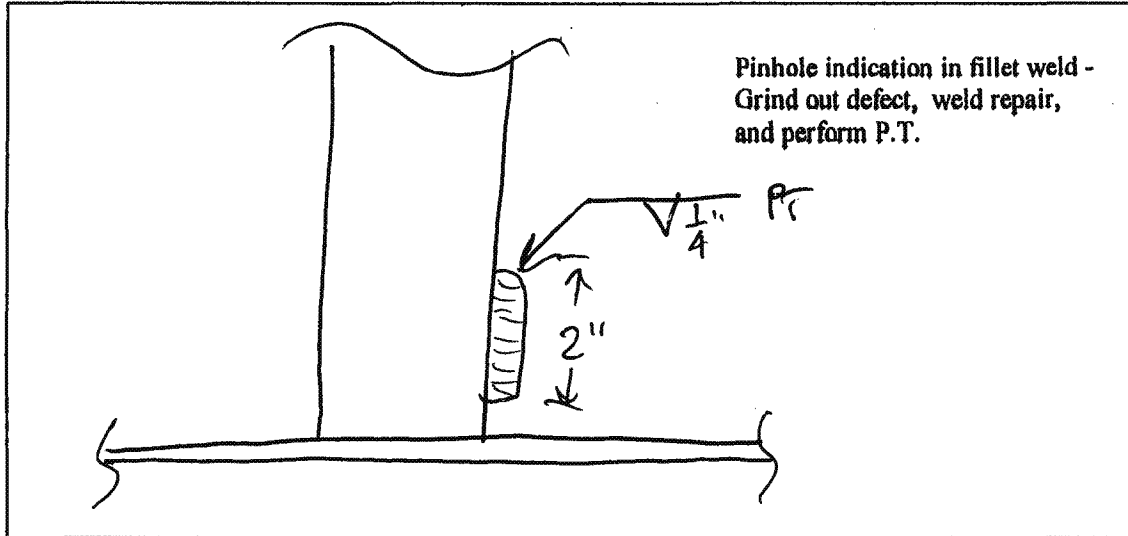
TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #7 RECOMMENDED REPAIR DRAWINGS	
Repair No. : 046	File: 7r046
Upper Dome	Quadrant: B
Course: A	Plate: 10
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.: 7 Repair No.: 046 Type: 10 Location: B10-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: 4-15-98

Coating Repair

Coating Type: EPOXY

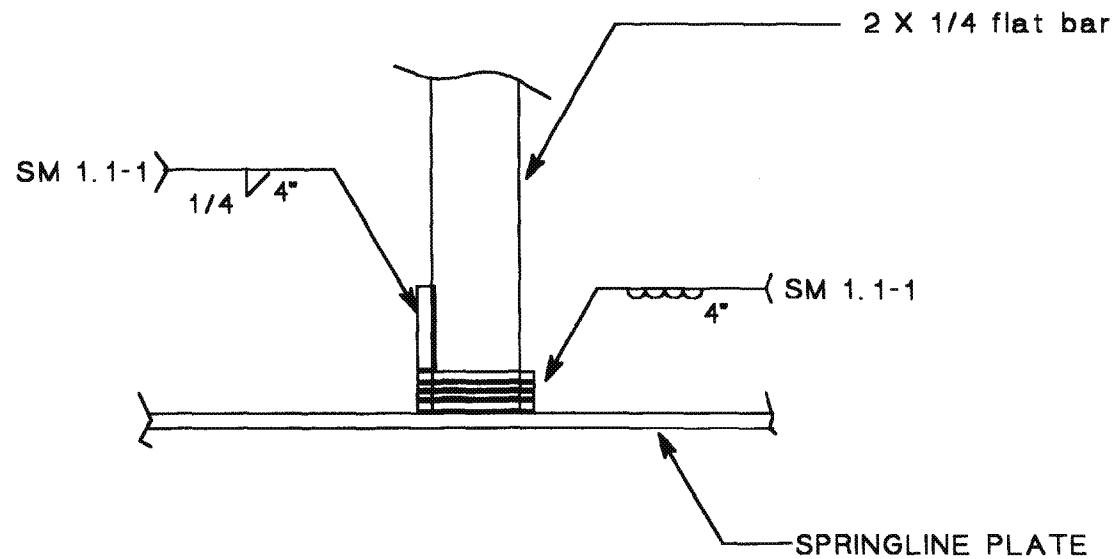
Surface Preparation: ☒ Primer Coat: ☒ Intermediate Coat: ☒ Final Coat: ☒

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

Rework Required: N/A

Repair Acceptable: John Zachell Date Accepted: 4-17-98

INSPECTED 3/29/98 BY JF & TK



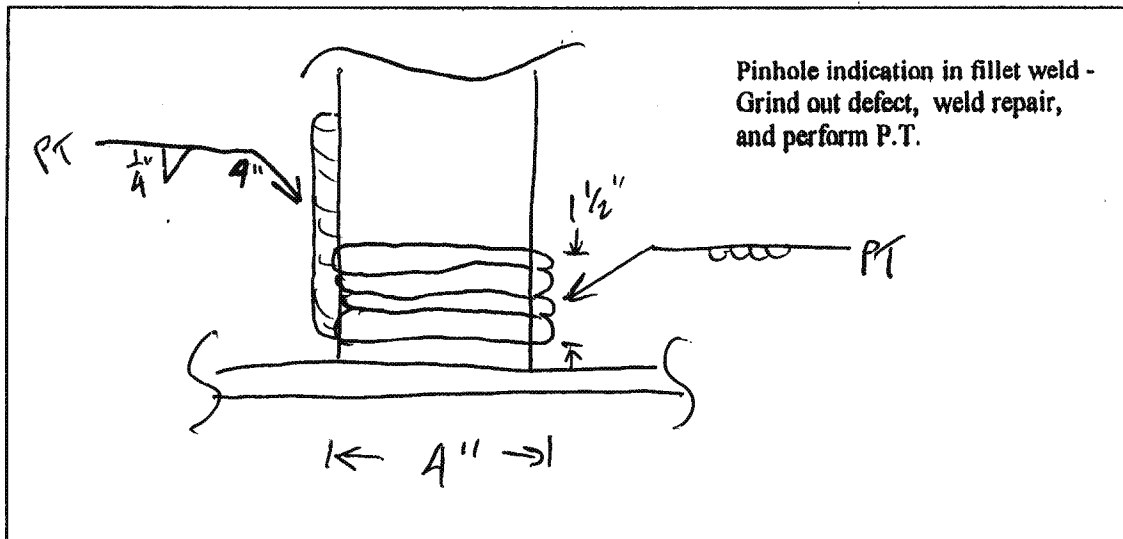
TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #7 RECOMMENDED REPAIR DRAWINGS	
Repair No. : 047	File: 7r047
Upper Dome	Quadrant: B
Course: A	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.: 7 Repair No.: 047 Type: 10 Location: B11-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 Zurell

Date Accepted: 4-15-98

Coating Repair

Coating Type: EPOXY

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

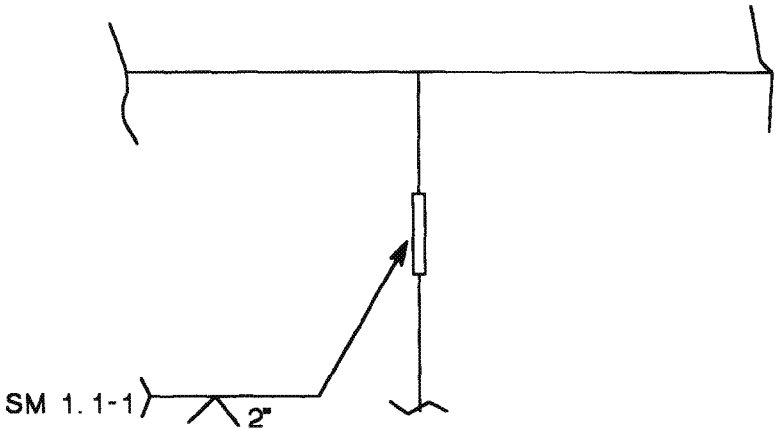
NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8-15 mils

Rework Required: N/A

Repair Acceptable: John Zurell

Date Accepted: 4-17-98

Inspected 3/27/98 by JF & TK



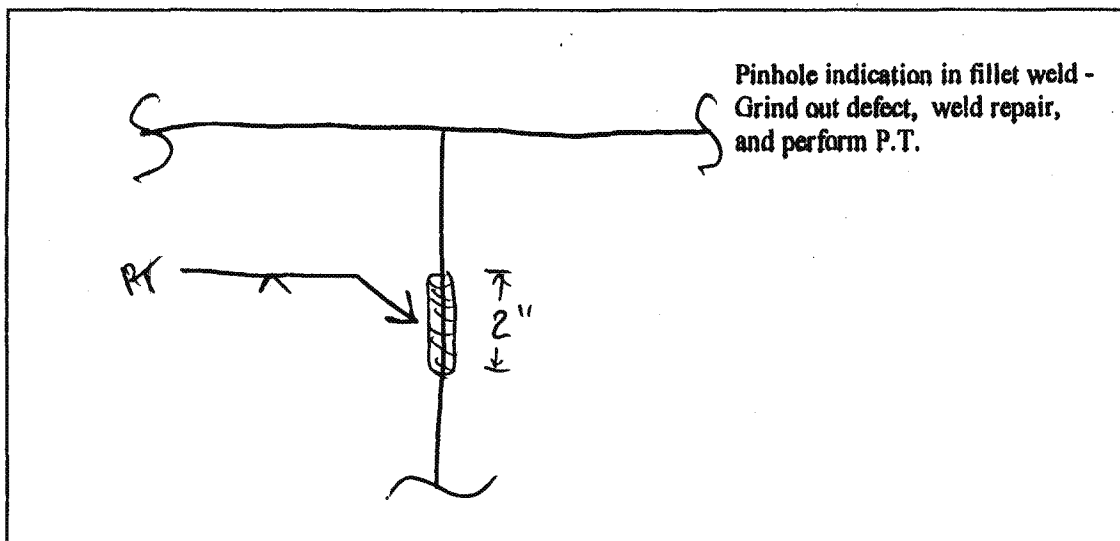
TYPE 9 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #7 RECOMMENDED REPAIR DRAWING	
Repair No.: 048	File: 7R048
CYLINDER	Quadrant: B
Course: 18	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.: 7 Repair No.: 048 Type: 9 Location: B11-8



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 Zehnell Date Accepted: 4-15-98

Coating Repair

Coating Type: EPOXY

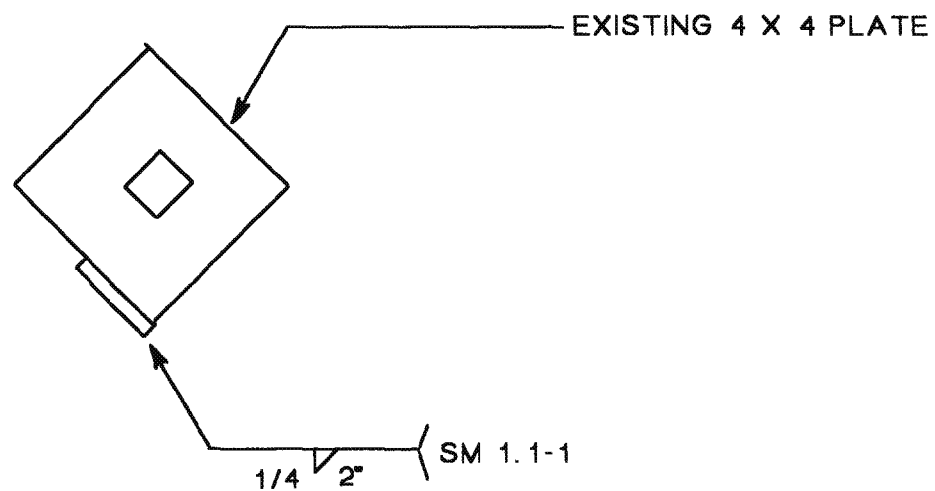
Surface Preparation: ☒ Primer Coat: ☒ Intermediate Coat: ☒ Final Coat: ☒

NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8-15 m.l.s

Rework Required: N/A

Repair Acceptable: John Zehnell Date Accepted: 4-17-98

Inspected 3/29/98 by JF & TK



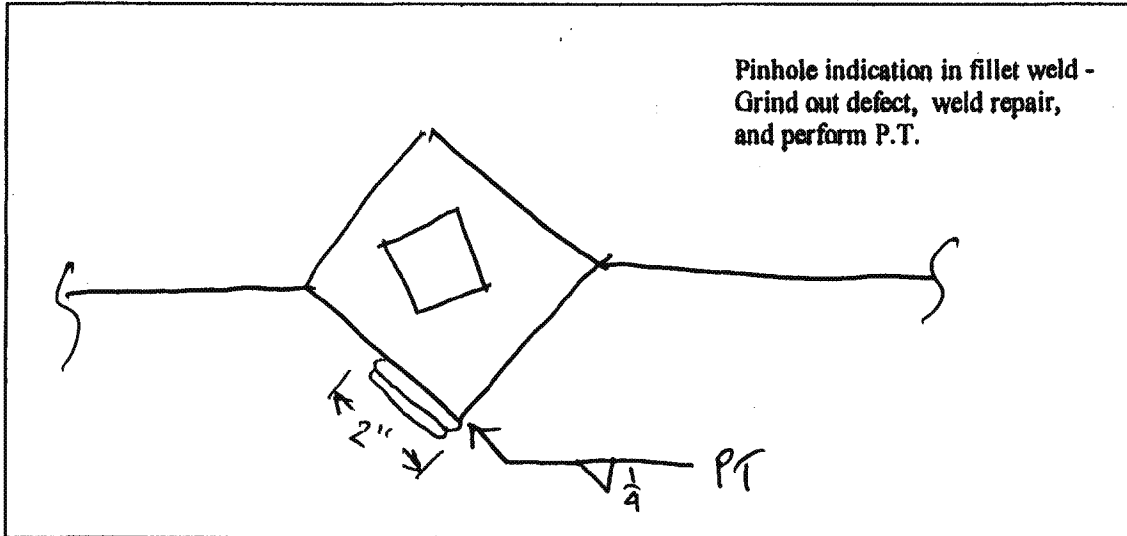
TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #7 REPAIR DRAWING	
Repair No. : 049	File: 7R049
CYLINDER	Quadrant: B
Course: 15	Plate: 9
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.: 7 Repair No.: 049 Type: 10 Location: B9-15



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: 4-15-98

Coating Repair

Coating Type: EPOXY

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

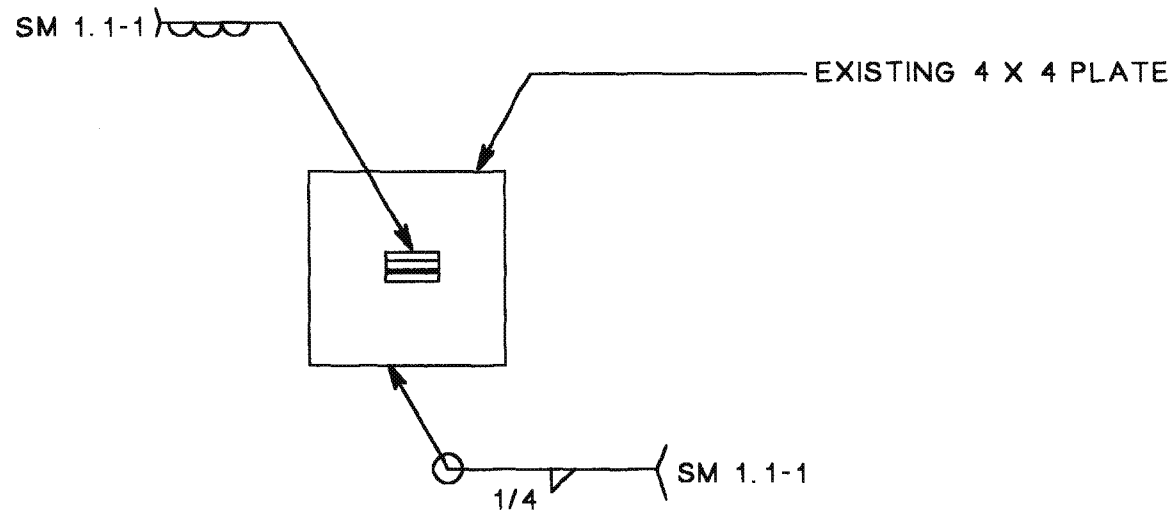
NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8-15 mils

Rework Required: N/A

Repair Acceptable: John Zschell

Date Accepted: 4-17-98

Inspected 3/29/98 by JF & TK



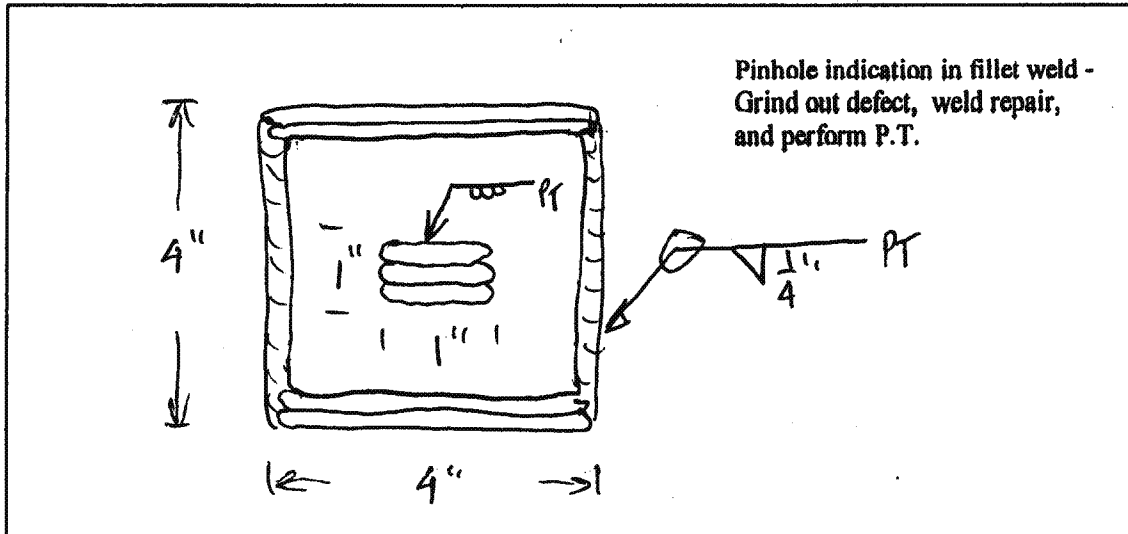
TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #7 REPAIR DRAWING	
Repair No.: 050	File: 7R050
CYLINDER	Quadrant: B
Course: 28	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.: 7 Repair No.: 050 Type: 10 Location: B11-28



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 Zischell Date Accepted: 4-15-98

Coating Repair

Coating Type: EPOXY

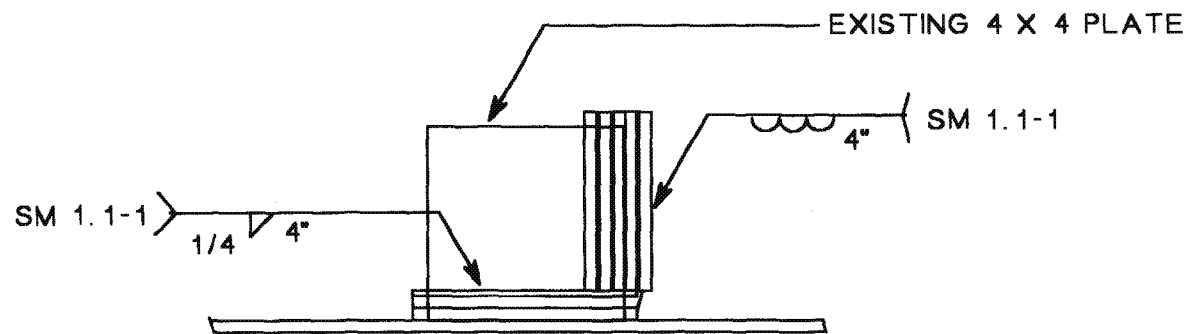
Surface Preparation: ☒ Primer Coat: ☒ Intermediate Coat: ☒ Final Coat: ☒

NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8-15 m/s

Rework Required: N/A

Repair Acceptable: John Zischell Date Accepted: 4-17-98

Inspected 3/29/98 by JF & TK



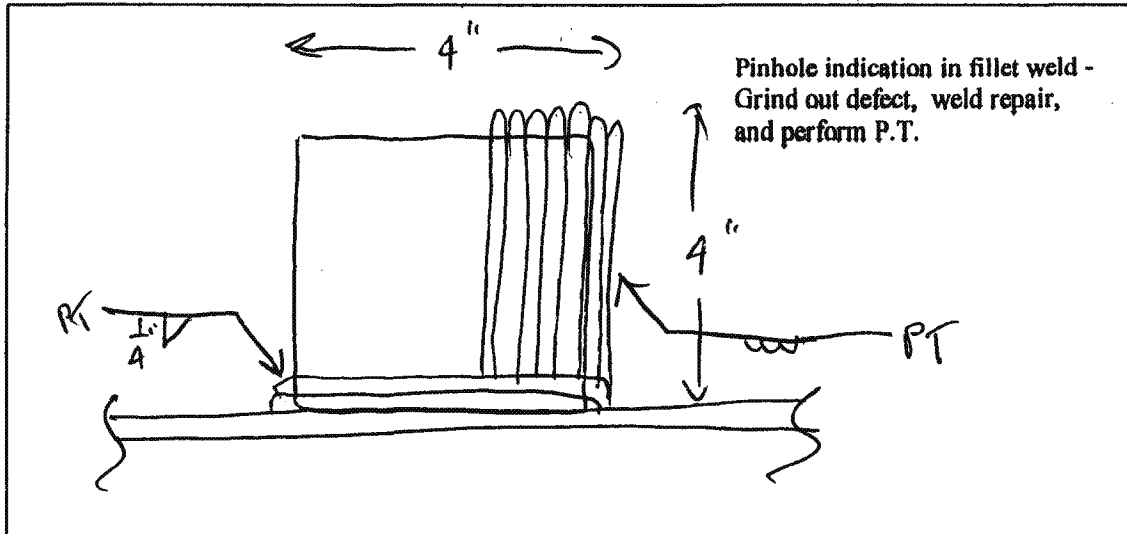
TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #7 REPAIR DRAWING	
Repair No.: 051	File: 7R051
CYLINDER	Quadrant: B
Course: 28	Plate: 8
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.: 7 Repair No.: 051 Type: 10 Location: B8-28



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 Zschell

Date Accepted: 4-15-98

Coating Repair

Coating Type: EPOXY

Surface Preparation: ☒

Primer Coat: ☒

Intermediate Coat: ☒

Final Coat: ☒

NDT Performed:

Visual: ☒

DFT: ☒

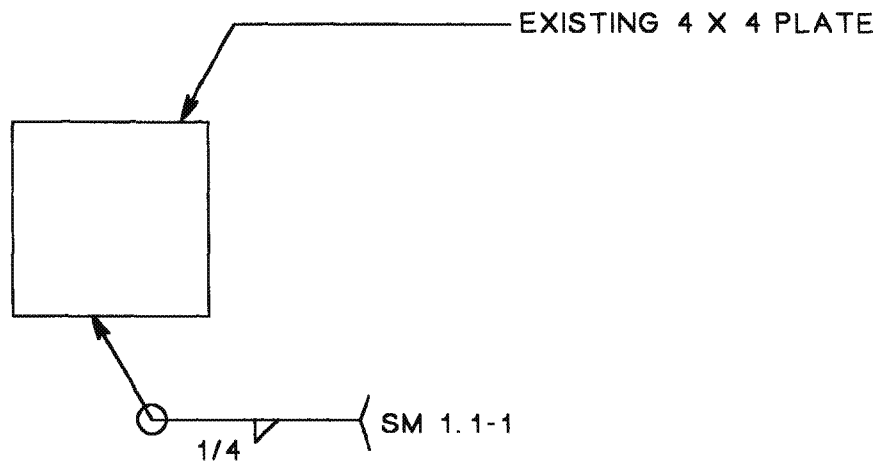
Average DFT: 8-15 mils

Rework Required: N/A

Repair Acceptable: John Zschell

Date Accepted: 4-17-98

Inspected 3/29/98 by JF & TK



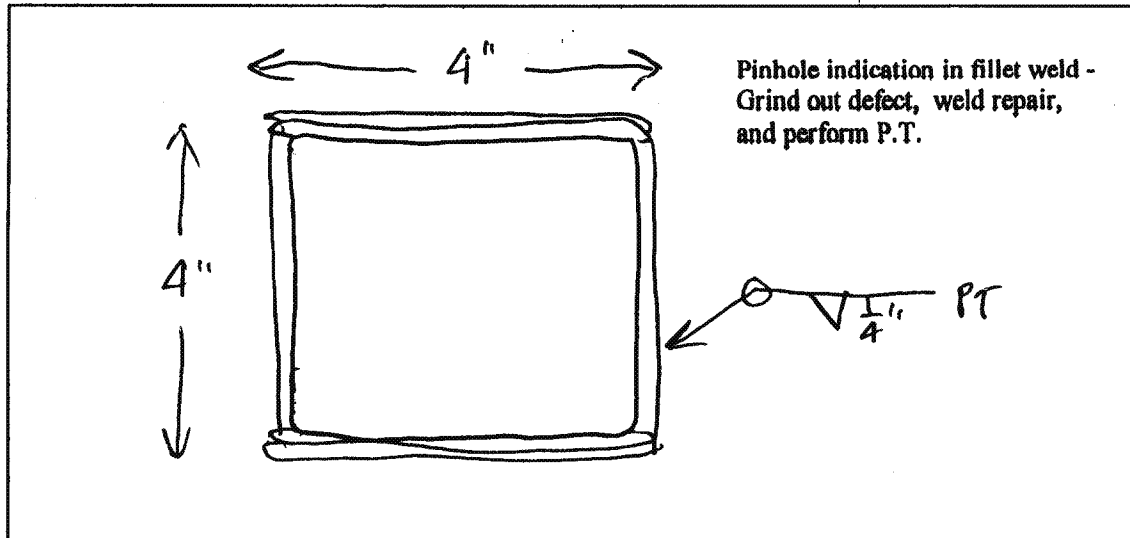
TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #7 REPAIR DRAWING	
Repair No.: 052	File: 7R052
CYLINDER	Quadrant: B
Course: 28	Plate: 7
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.: 7 Repair No.: 052 Type: 10 Location: B7-28



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 Zschell

Date Accepted: 4-15-98

Coating Repair

Coating Type: EPOXY

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

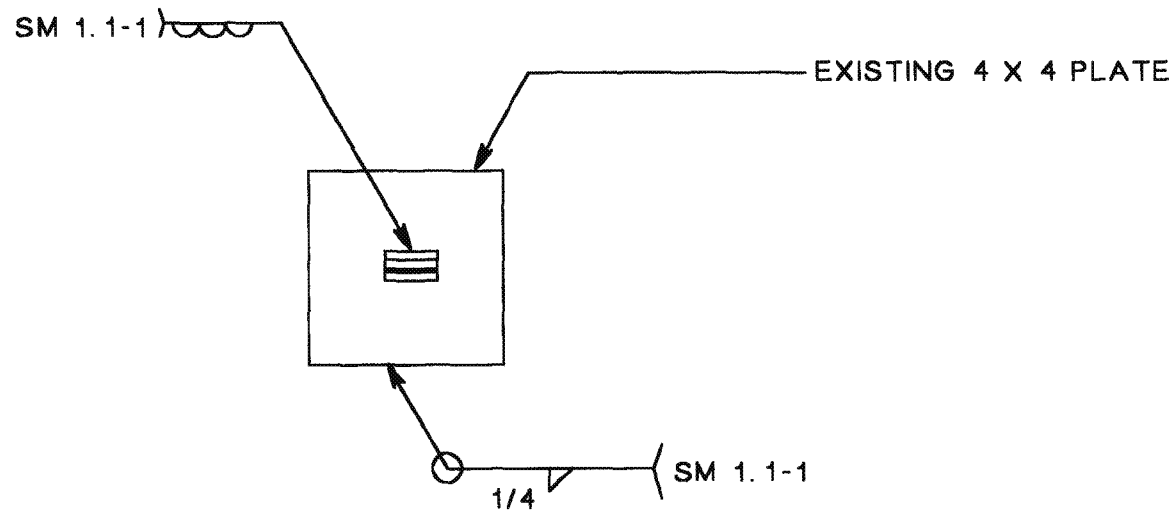
NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8-15 mils

Rework Required: N/A

Repair Acceptable: John Zschell

Date Accepted: 4-17-98

Inspected 3/29/98 by JF & TK



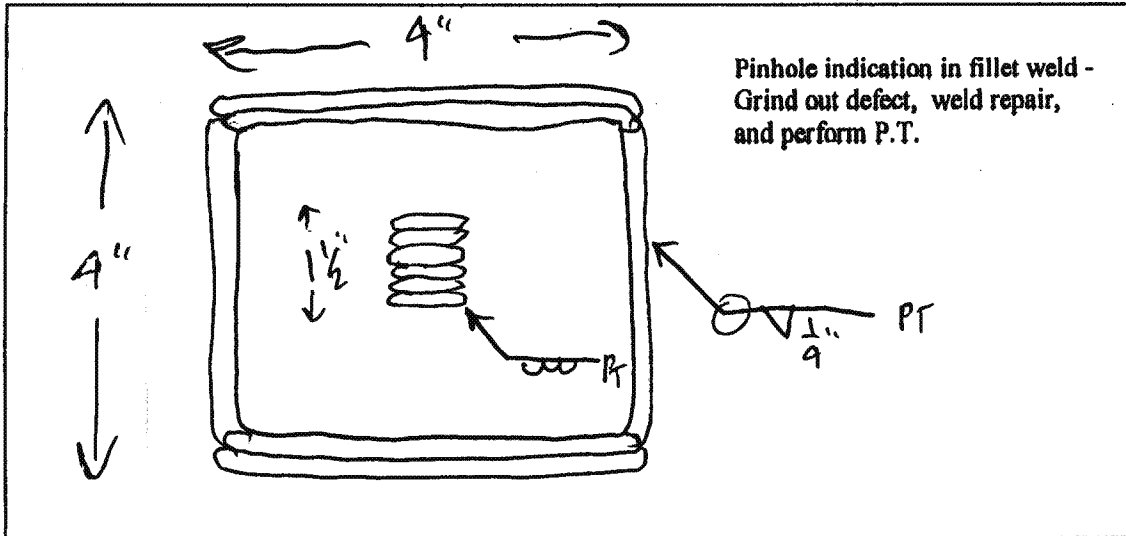
TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #7 RECOMMENDED REPAIR DRAWING	
Repair No. 053	File 7R053
CYLINDER	Quadrant B
Course 28	Plate 6
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.: 7 Repair No.: 053 Type: 10 Location: B6-28



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 Zichell

Date Accepted: 4.15.98

Coating Repair

Coating Type: EPoxy

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

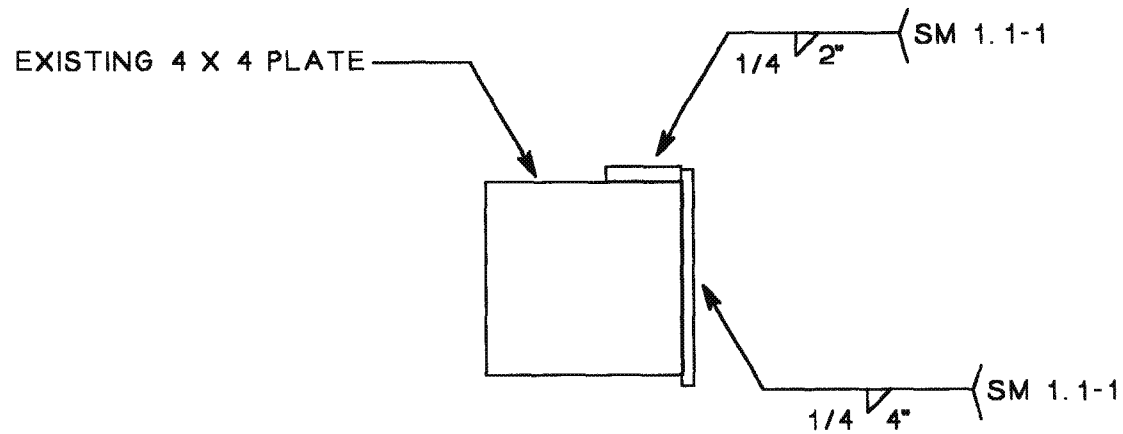
NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8-15 mls

Rework Required: N/A

Repair Acceptable: John Zichell

Date Accepted: 4.17.98

Inspected 3/29/98 by JF & TK



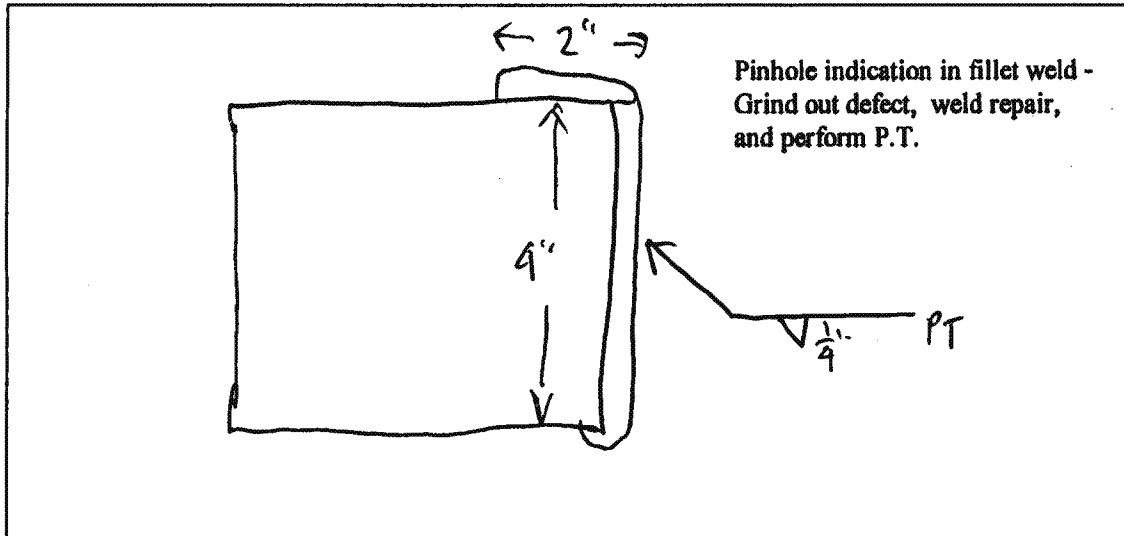
TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #7 RECOMMENDED REPAIR DRAWING	
Repair No.: 054	File: 7R054
CYLINDER	Quadrant: B
Course: 28	Plate: 5
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.: 7 Repair No.: 054 Type: 10 Location: B5-28



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 Zichell

Date Accepted: 4-15-98

Coating Repair

Coating Type: EPOXY

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

NDT Performed:

Visual: ☒

DFT: ☒

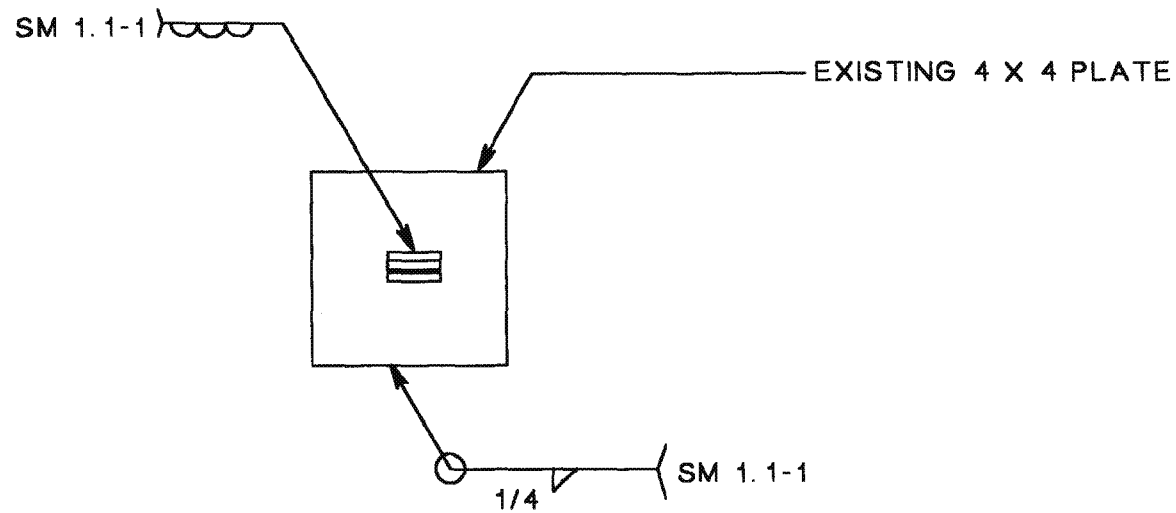
Average DFT: 8-15 mils

Rework Required: N/A

Repair Acceptable: John Zichell

Date Accepted: 4-17-98

Inspected 3/29/98 by JF & TK



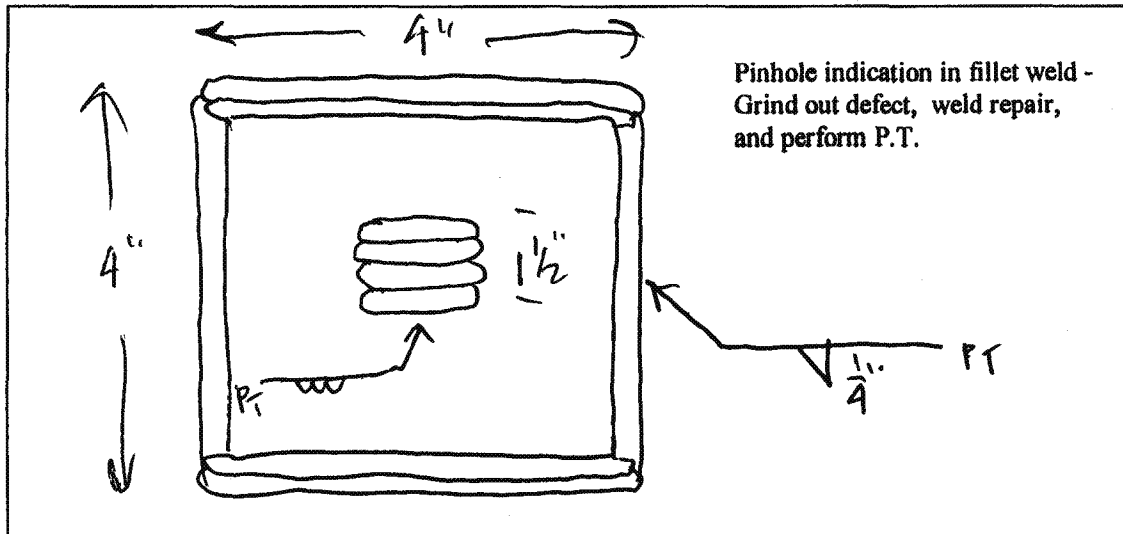
TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #7 RECOMMENDED REPAIR DRAWING	
Repair No.: 055	File: 7R055
CYLINDER	Quadrant: A
Course: 28	Plate: 4
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.: 7 Repair No.: 055 Type: 10 Location: B4-28



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 Zurell

Date Accepted: 4-15-98

Coating Repair

Coating Type: EPOXY

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

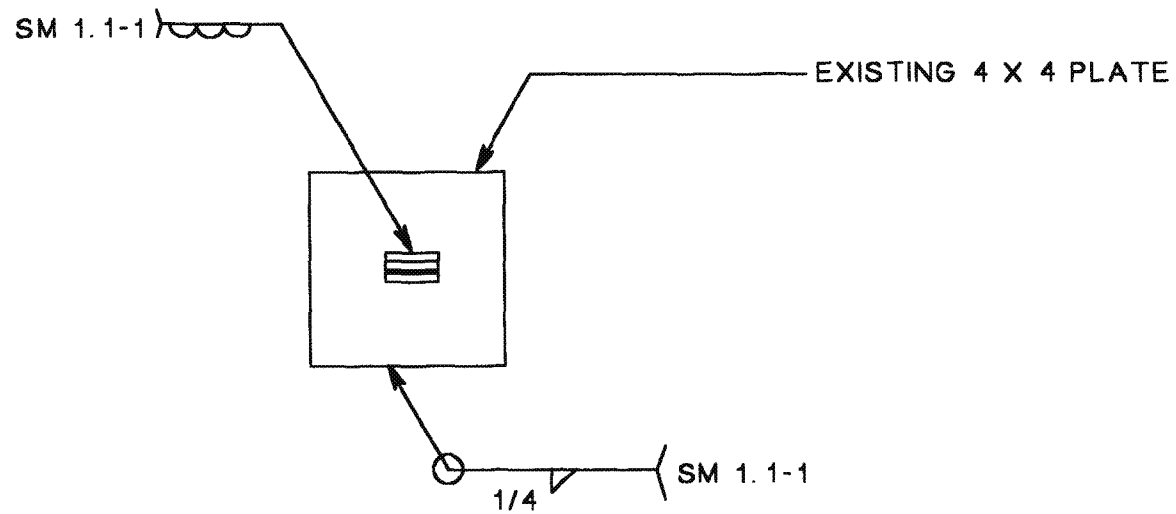
NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8-15

Rework Required: N/A

Repair Acceptable: John Zurell

Date Accepted: 4-17-98

Inspected 3/29/98 by JF & TK



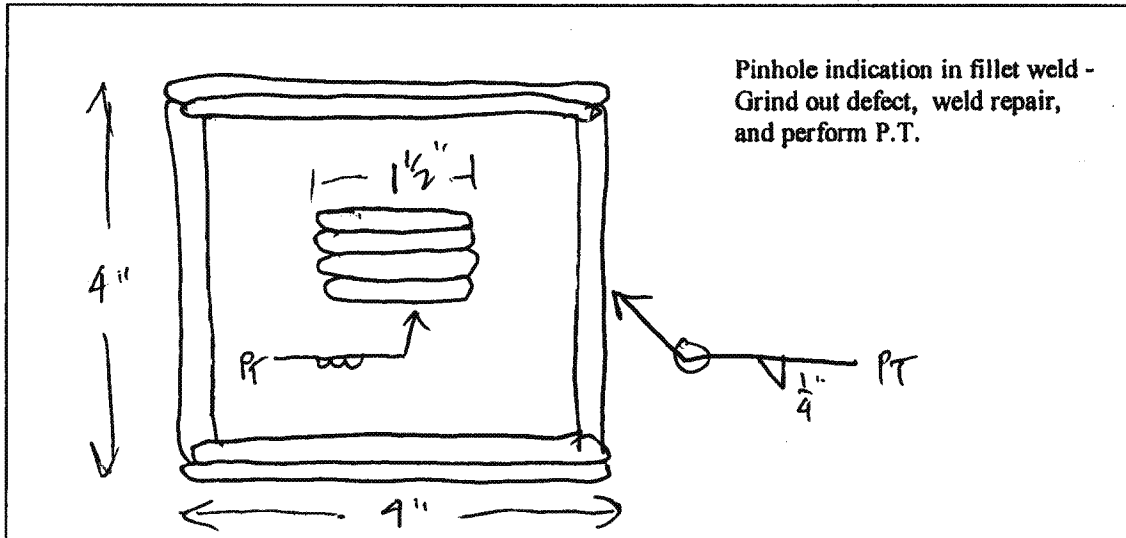
TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #7 RECOMMENDED REPAIR DRAWING	
Repair No. 056	File 7R056
CYLINDER	Quadrant A
Course 28	Plate 2
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.: 7 Repair No.: 056 Type: 10 Location: B2-28



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 Zedell Date Accepted: 4-15-98

Coating Repair

Coating Type: EPOXY

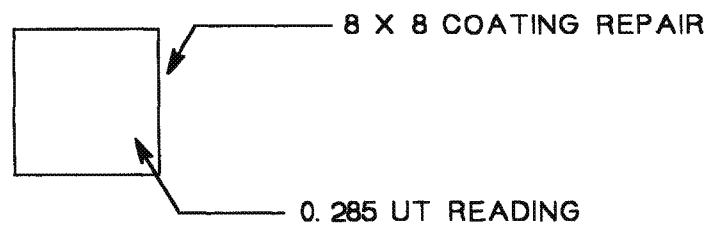
Surface Preparation: ☒ Primer Coat: ☒ Intermediate Coat: ☒ Final Coat: ☒

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

Rework Required: N/A

Repair Acceptable: John Zedell Date Accepted: 4-17-98

Inspected 3/29/98 by JF & TK



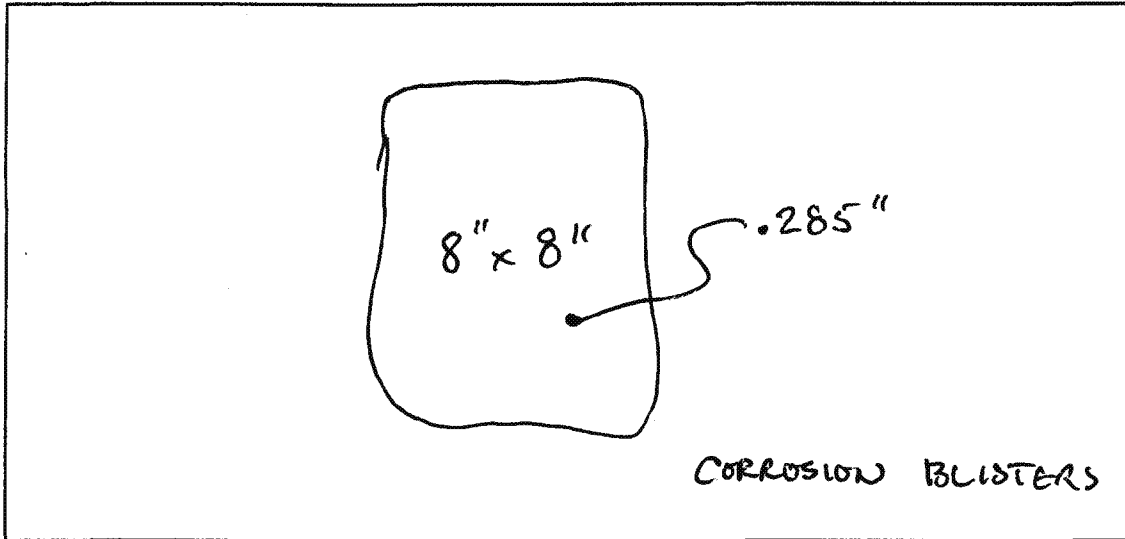
TYPE 8 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #7 RECOMMENDED REPAIR DRAWING	
Repair No.: 057	File: 7R057
LOWER DOME	Quadrant: B
Course: 3	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.: 7 Repair No.: 057 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

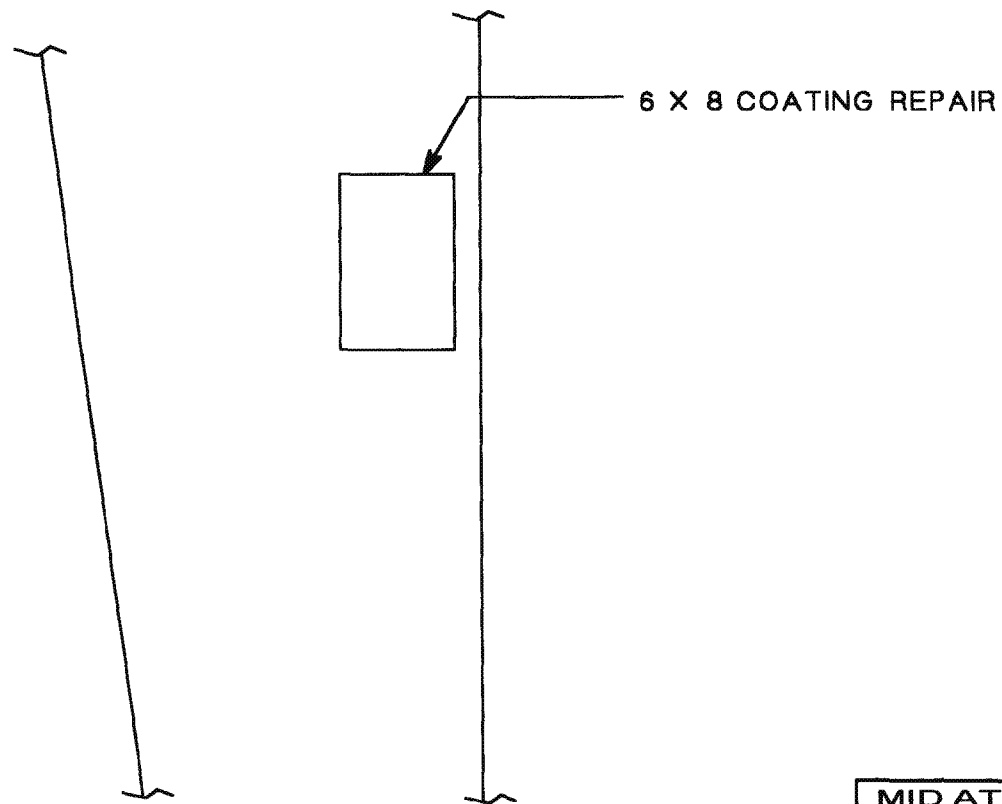
Surface Preparation: ☒ Primer Coat: ☒ Intermediate Coat: ☒ Final Coat: ☒

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

Rework Required: N/A

Repair Acceptable: John Zachell Date Accepted: 4-17-98

Inspected 3/29/98 by JF & TK



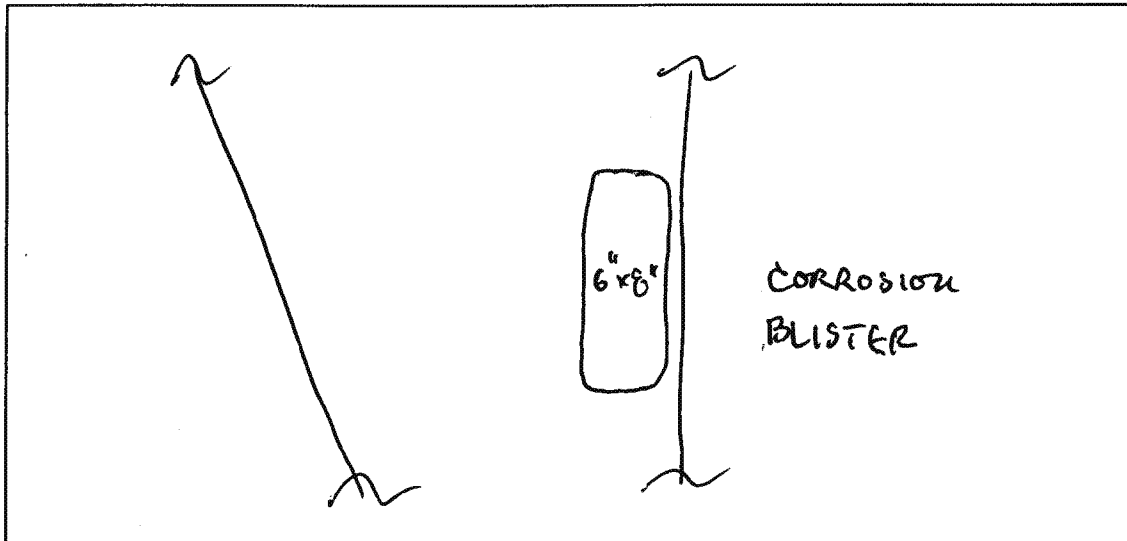
TYPE 8 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #7 RECOMMENDED REPAIR DRAWING	
Repair No.: 058	File: 7R058
Lower Dome	Quadrant: B
Course: 3	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.: 7 Repair No.: 058 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

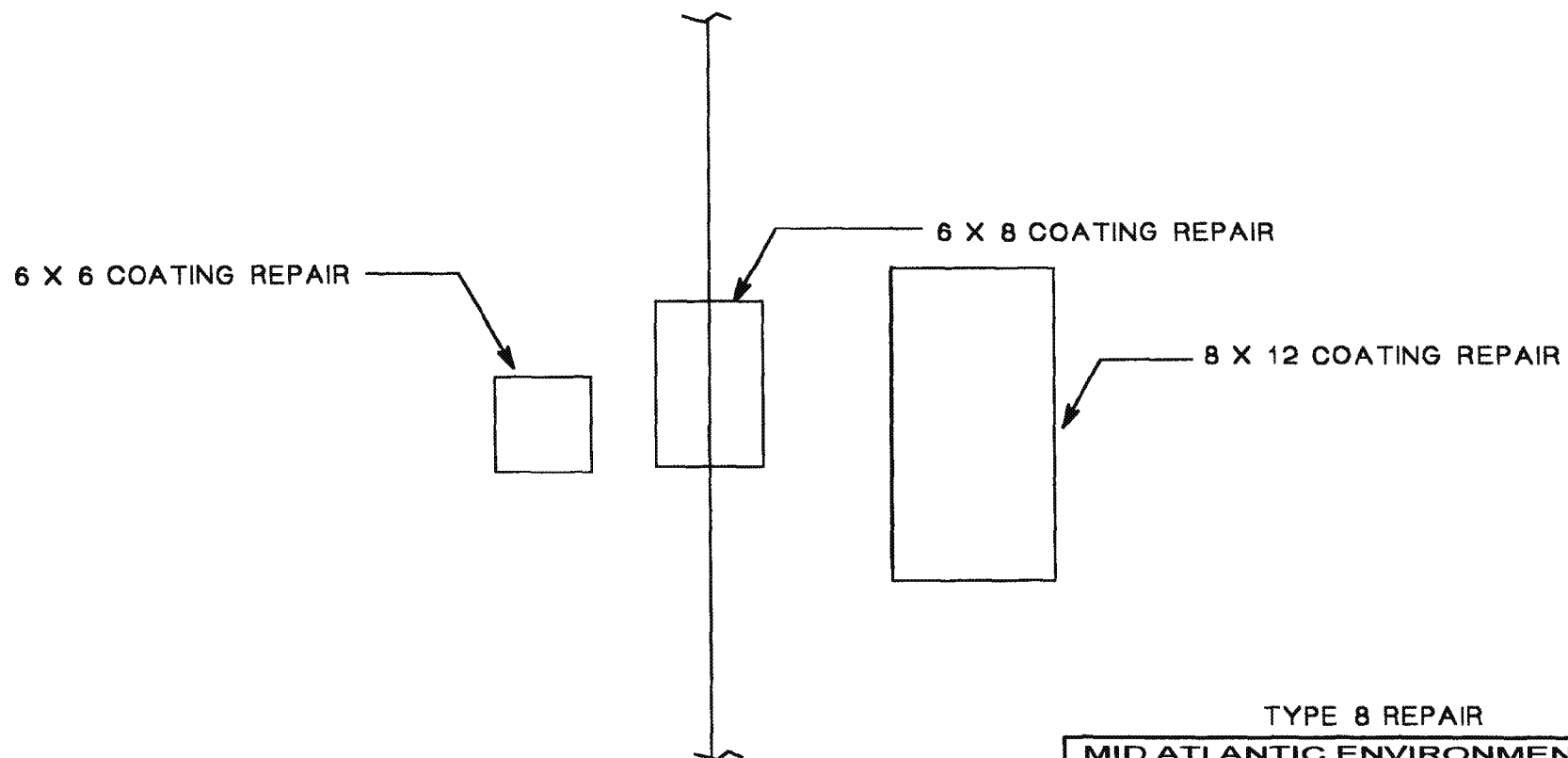
Surface Preparation: ☒ Primer Coat: ☒ Intermediate Coat: ☒ Final Coat: ☒

NDT Performed: Visual: ☒ DFT: ☒ Average DFT: 8-15 m.l.s

Rework Required: N/A

Repair Acceptable: John Zedell Date Accepted: 4-17-98

Inspected 3/29/98 by JF & TK



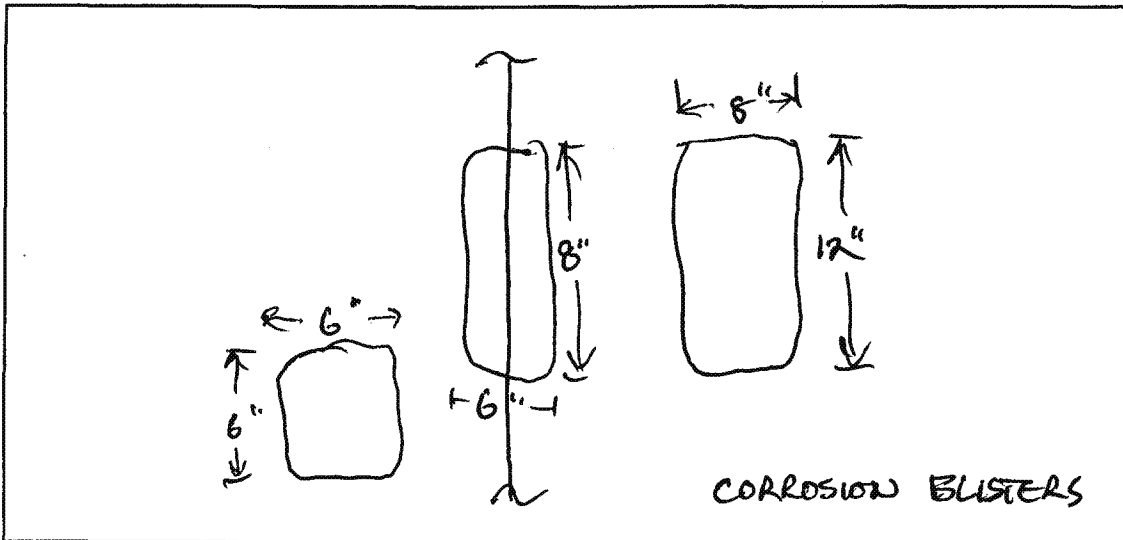
TYPE 8 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #7 RECOMMENDED REPAIR DRAWING	
Repair No.: 059	File: 7R059
Lower Dome	Quadrant: A
Course: 3	Plate: 3
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.: 7 Repair No.: 059 Type: 8 Location: A3-3



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

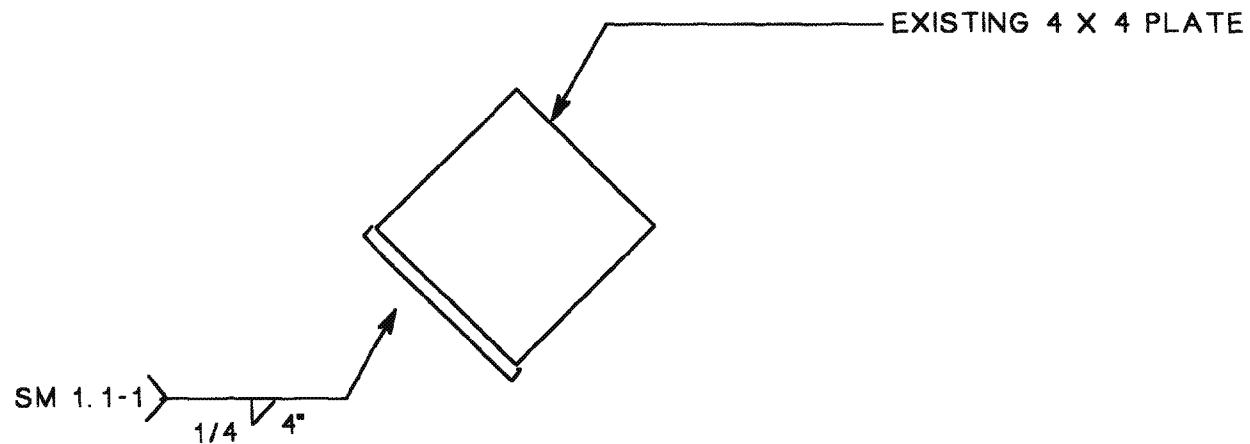
Surface Preparation: ✓ Primer Coat: ✓ Intermediate Coat: ✓ Final Coat: ✓

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

Rework Required: N/A

Repair Acceptable: John Zschall Date Accepted: 4.17.98

Inspected 3/29/98 by JF & TK



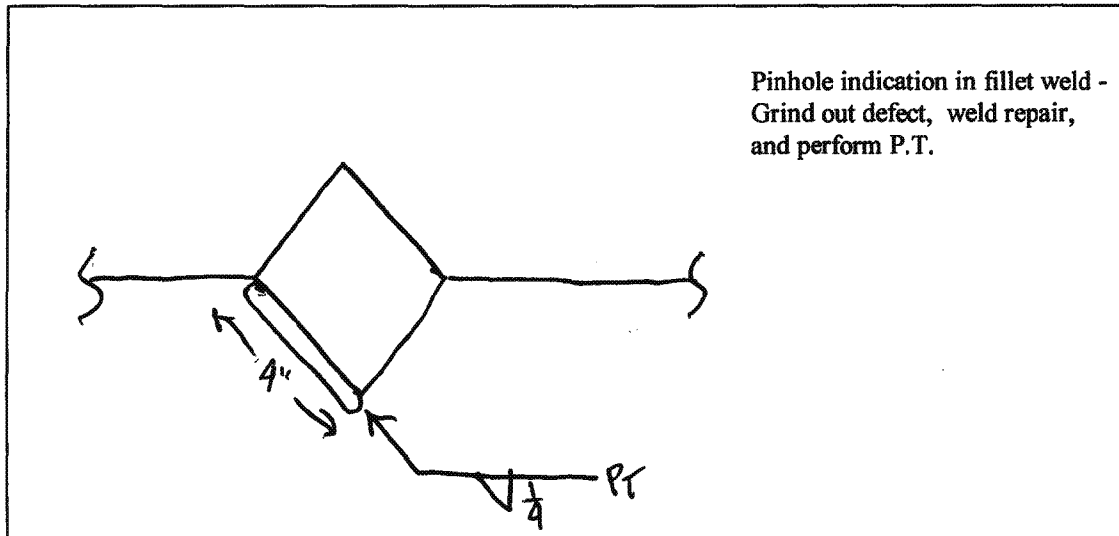
TYPE 10 REPAIR

MID ATLANTIC ENVIRONMENTAL	
EMERGENCY REPAIRS FOR RED HILL TANKS	
Tank #7 RECOMMENDED REPAIR DRAWING	
Repair No. 060	File 7R060
CYLINDER	Quadrant A
Course 17	Plate 1
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.: 7 Repair No.: 060 Type: 10 Location: A1-17



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 Zudrell Date Accepted: 4-15-98

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 Zudrell Date Accepted: 4-17-98