PRESERVATION ARTS

FINE ART CONSERVATION

Treatment Report

Date:	July 31, 2020
Client:	San Francisco Arts Commission
Accession number:	1987.42
Job #:	2022/208
Object:	Red Gothic by Aristede Demetrios, 1987, painted steel
Dimensions:	84 X 64 X 47 X 47 inches

Preservation-Arts.com 510.808.7894 info@preservation-arts.com 743 47th Street #102, Oakland, CA 94609

Description and Materials:

This sculpture by Demetrios Aristede (b.1932) is located in Muriel Leff Mini Park on 7th Avenue between Geary and Anza in the Richmond district of San Francisco. It is formed out of three plates of mild steel that have been welded along the vertical edges to form a triangular form as seen in the cross section. The three plates have been pierce cut to create four negative arcs on each side, so the sculpture can be seen through. The lower interior corners have small triangular shaped metal corner blocks through which threaded bolts secure the sculpture to the ground.

The surface was painted with a spray applied industrial system, possibly an enamel. It is clear that the sculpture has been overpainted since two schemes are visible in areas of loss. The more recent red paint scheme is darker than the original.

Pre Treatment Condition (Report 2021-While Installed):

- The sculpture is mounted onto a thin concrete pad at the back of the park. The concrete pad is barely raised off the ground and it is likely that water from sprinklers and rain pools around the bottom of the sculpture. The park is also frequented by dogs who use the sculpture for urinating on the lower 12 inches. Both situations have resulted in structural and surface condition issues.
- The three corner blocks and bolts have been severely corroded with loss of paint layers and delamination of the mild steel. Two of the bolts have corroded away, the third is compromised, and the sculpture is no longer securely attached to the foundation.
- The lower 12 inches of the sculpture on each side shows extensive ferrous corrosion and delamination of the metal. The metal has expanded under the paint layer with the result that pronounced paint blistering is present. Delamination and shearing of the metal substrate is visible on edges of the cut outs. A preliminary assessment into the depth of the corrosion showed that the plates were not corroded through, although the extent of the delamination would require some areas of replacement and some areas of grinding to stable metal and then surface filling.
- Two of the arcs between the cut outs have been bent out of alignment.
- There is surface dust and dirt overall, spider webs and other organic material. A heavy build up of organic material and soil was noted on the corner blocks that has undoubtedly contributed to their deterioration.
- Green biogrowth is present on most sides of the sculpture. This is likely from the position under the tree. The tree also poses some risks to the sculpture since the large overhanging branches could damage the sculpture if they fell in a storm or earthquake.
- Two spray applied red top coat paint layers were observed. A brighter glossier 'original' topcoat that has been overpainted. The restoration layer is darker, more matt and has multiple areas of loss where the original paint is visible. No records of a repaint have been located so far in SF Arts Commission files.
- The current top coat also has scratched in graffiti, a sharpie pen tag, and has chalked to a lighter red/pink color.

Treatment Report:

Summary:
The sculpture was deinstalled by Atthowe Fine Arts Services and taken to their Mandela storage space for treatment. Welding repairs and painting repairs were overseen and directed by Preservation Arts President, Rowan Geiger. Work was undertaken between February and June 2022.

Scope of Metal Repairs:

- The paint was tested for lead before any treatment was undertaken, and was found to be negative.

- Areas of corrosion across the sculpture were given a preliminary light grinding to solid metal to assess the stability of the mild steel, and depth of corrosion. This informed the location of areas to be replaced and areas to be filled and retained (See images).
- The three triangular corner blocks were all heavily corroded and were replaced.
- Areas around the outer lower corners were replaced where necessary (see images for locations). The replacement metal was mild steel, Mig welded with er70s wire rod.
- Scattered areas of blistering were noted where water had penetrated beneath the paint layers and begun the corrosion process. These were ground to fresh metal to prepare for priming.
- The three corner blocks were cut out, along with any neighboring compromised steel. On the Signature corner, care was taken to remove damaged areas around the signature, but with preserving the signature in its entirety,
- The two bent arcs had a significant memory and it is likely that they have been there since fabrication. It was not possible to alter the plane.
- After metal repairs were completed, the sculpture was transported to the industrial painters for blasting and refinishing.

Repainting:

- The surface had two distinct painting schemes. An earlier brighter more glossy red that was spray applied and a later top coat that was darker in tone and more matt in appearance, also spray applied. A sample of the earlier scheme was removed from the surface for color matching by Tnemec Paint Company.
- Drawdowns were produced and sent to the SF Arts Commission for approval.
- Preservation Arts President Rowan Geiger wrote up the paint specifications, see Appendix 1.
- Final color coupons were produced during the process. One drawdown and one coupon are each retained by the SF Arts Commission and Preservation Arts for archival purposes.

Summary:

- The sculpture was garnet blasted following the specification SP10, 2.7 mils blast profile.
- The first primer layer was Tnemec 90-97 zinc primer. This is a zinc rich aromatic urethane. Two coats were applied and sanded smooth after application.
- Filler was applied between zinc primer coats and sanded smooth. The Tnemec filler was replaced with Evercoat Lite Filler, a polyester based putty with more elasticity.
- Second primer/base layer was Tnemec Series 141 Epoxoline (Epoxy Resin). This layer was added since it initially appeared that the metal surface had a pronounced mill scale that would require a heavy build up. After blasting, the surface was not found to be as rough as expected and therefore the layer applied was not as thick as originally specified.
- The intermediate red layer was Tnemec 1095 (A low VOC aliphatic polyurethane)
- Three layers of Tnemec 1070V Topcoat Red were applied (A low VOC Fluoropolymer)
- The only layer not originally specified was a UV protective clear coat to achieve the Tnemec warranty. One layer of Tnemec 1079 UV Clear Coat was applied (An aliphatic acrylic polyurethane). A satin was chosen to lessen the gloss of the top coat.

Reinstall:

- The sculpture was reinstalled on July 1, 2022.
- The sculpture was moved into a position to the front of the park away and not under trees.
- The concrete pad was raised to avoid the dog urine issues.
- Nearby planting was recommended to be a drip system.

Photographs:

Overall View Side 1 Before Treatment Showing Concrete Base, and Overhanging Tree (Left) and After Treatment (Right)

Overall View Signature Side Before Treatment (Left) Showing Biogrowth, Chalking of the Paint, Losses to the Paint and Corroded Metal on the Lower Areas and After Treatment (Right)

Longest Side Before Treatment (Left) and After Treatment (Right)

Detail of Corner Plate 1 (Left) Showing Organic Material, Corrosion, Blistering Paint and that the Bolt Head has Corroded Off
Exterior Lower Corner 2 (Right) with Blistering Paint, Losses and Corroded Substrate

Deteriorated Corner Block 3 Showing Paint Failure and Delaminating Metal (Left)
Deteriorated Corner from Underside Showing Loss of Material (Right)

Long Side (Left) and Short Side Without Signature (Right) After Grinding. Areas to be removed are marked with Sharpie Pen

Detail of Long Side After Grinding

Detail of Long Side After Metal Repairs

Detail of Short Side Without Signature After Grinding. Areas to be Replaced are Marked

Detail of Short Side Without Signature After Metal Repairs

Signature Side After Grinding. Areas Marked with Sharpie Were Replaced (Left)
Detail of Corner with Ground Metal (Right)

Detail of Signature Side After Grinding

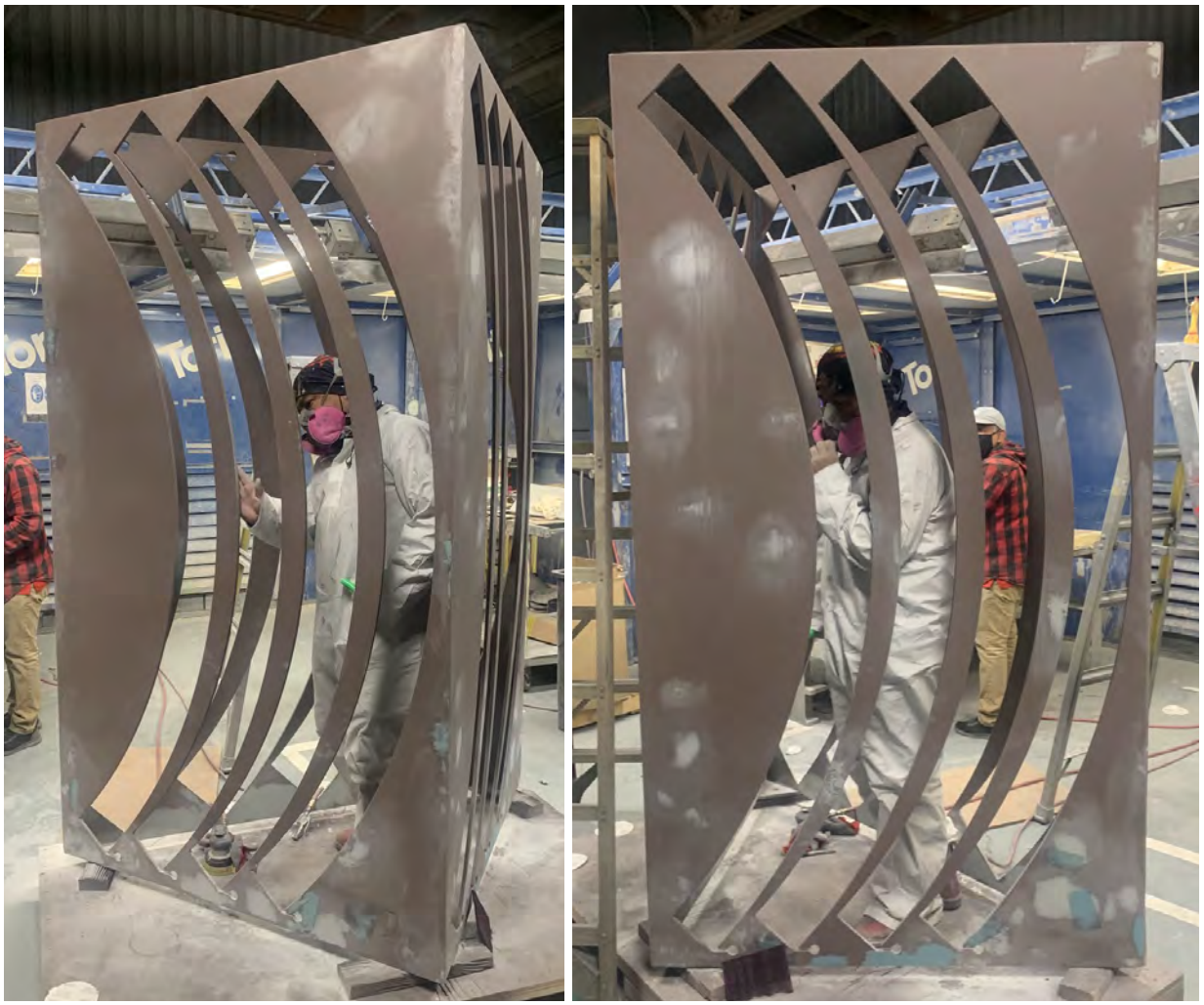
Detail of Signature Side After Metal Repairs

Detail View Showing Replaced Corner between Long Side and Short Side Without Signature

Painting Process:

Drawdown and Painted Coupons

After Blasting (Left) and After First Primer Application (Right)



During Filler Application Showing Areas of Repair

After Primer 2 Application Tnemec 141 (Left) and Intermediate Tnemec 1095 (Right)

After Top Coat Application (Left) and Clear Coat Application (Right)

Appendix 1: Paint Specifications:

Part 1-General

1.1 Summary of Work

A. General: Work of this section includes all materials, equipment, and services necessary to complete the work as specified in this Section, and as may be required by conditions and authorities.
B. Work in this section includes (but is not necessarily limited to):
   1. Application of paint coatings to painted metal surfaces

1.2 Submittals

A. General: Submit the following to Preservation Arts:

B. Samples:
   1. Provide a list of material and application for each sample.

a) Paint a 6" x 12" (or larger) metal panel showing each paint layer from primer through to clear coats. If this size of coupon is not available, then present a series of smaller coupons to show each stage. This is to validate the final color, appearance and film thicknesses of the system.

1.3 References:

A: Steel Structures Painting Council (SSPC) Manual

1. SSPC-SP10/NACE No. 2 Near-White Blast Clean all surfaces to create a dense, angular and uniform surface profile of 2.0 mils minimum.
2. SSPC-SP1 Solvent Cleaning prior to paint application

1.4 Project Conditions:

A: Apply coatings in the temperature range indicated in the manufacturer's instructions.

B: Do not apply coatings during rain, fog or mist; when the relative humidity exceeds 85 per cent; at temperatures less than 40 degrees Fahrenheit (3 deg. C) or to damp or wet surfaces.

1. Allow wet surfaces to dry thoroughly and attain the temperature and conditions specified before proceeding with or continuing the coating operation.
2. Work may continue during inclement weather only if areas and surfaces to be coated are enclosed and the temperature within the area can be maintained within limits specified by the manufacturer during application and drying periods.

Part 2-Products

2.1 Gap Filling Systems

A. Filling System for Metal

1. Epoxy Filler as manufactured by Tnemec, 14967 Torrey Drive, Auburn, CA 95602.
a) Series 63-1500 for deep voids
b) Series 215 for shallow voids. Color- 1212 Gray This is a modified polyamine epoxy.

2.2 Accessories

A. Masking Tape: Painters Masking Tape with easily removable adhesive.

B. Kraft Paper: Paper in contact with metal should be breathable. No plastics are to be left on the material for an extended period of time.

2.3 Coating and Painting Systems

A. Paint System as manufactured by Tnemec Coatings System:

1. **Primer**: **Tnemec Series 90-97 | Tneme-Zinc**; 2.5 to 3.5 mils Dry Film Thickness per coat

A zinc rich aromatic urethane. Two components, red grey color.

Stripe-Coat Procedure to Prevent Edge Rusting: Series 1095 | Endura-Shield; brush-applied to all primed welds, voids, nuts, bolts and sharp edges referencing SSPC-PA 1, 6.6 Striping

2. **Base Coat: Tnemec Series 141 | Epoxoline**-1255 Beige; 8.0 to 12.0 mils Dry Film Thickness per coat

3. **Intermediate**: **Full coat- Series 1095 | Endura-Shield**; 3.0 to 5.0 mils Dry Film Thickness per coat
A low VOC, aliphatic acrylic polyurethane coating that provides excellent color and gloss retention for exterior applications.
Color to one shade lighter than the top coat.

4. **Finish Coat**: **Series 1072V or 1072* | Fluoronar gloss**; 2.5 to 3.5 mils Dry Film Thickness per coat
An advanced thermoset solution fluoropolymer. A high-solids fluoropolymer coating that provides an ultra-durable finish with user friendly brush, roll and conventional spray application. It has outstanding color and gloss retention even in the most severe exposures.
Final coat to match original sculpture color and approved samples.

2.4 Miscellaneous Materials

A. Other Materials: Materials not specifically described but required for complete and proper performance of the work.

Part 3-Execution

3.1 Examination

A. Examine substrate and conditions under which coatings will be applied for compliance with requirements on applying coatings. Surfaces to receive coatings must be thoroughly clean, dry, dull and free of oil, grease and other contaminants prior to application of coatings.

1. Do not proceed with coating application until unsatisfactory conditions have been corrected.
2. Start of application will be construed as the Applicator's acceptance of surfaces within that particular area.

3.2 Preparation

A. Surface Preparation: Prepare surfaces to be coated and painted according to the manufacturer's instructions for each particular substrate condition and as specified.

1. Original Painted Metal: SSPC-SP1 Solvent Clean and SSPC-SP10/NACE No. 2 Near-White Blast Clean all surfaces to create a dense, angular and uniform surface profile of 2.0 mils minimum.
   a) Surface Preparation: SSPC-SP1 Solvent Clean to remove soluble and visible surface contaminants before and after subjecting all surfaces to an SSPC-SP10/NACE No. 2 Near-White Blast Clean all surfaces to create a dense,

[1] Wet film thickness (WFT) should be measured during application, making sure to account for the amount of thinning so that the dry film thickness (DFT) is met.

Both the regular and the low VOC versions of Fluoronar. Being a shop application, both are compliant. They are identical in performance and appearance but not so much with regard to availability. This way the shop has choices to take advantage of what might be more readily available.

angular and uniform surface profile of 2.0 mils minimum.. Create a dense, angular and uniform surface profile of 2.0 mils minimum. All surfaces shall be clean, dry and profiled.
(Care must be taken around the signature and around corroded areas.
2. Fill metal voids up to 1/8" deep where the surface is below original level with specified epoxy filler Series 215. Voids deeper than 1/8" and up to 2" below the original surface are to be filled with specified epoxy filler Series 63-1500.
3. Match texture of surrounding surface using sandpaper, feathering texture no more than 1" from corroded segment.
4. Apply primer and topcoats using a sprayer.
5. Seal filler between primer layers to prevent water absorption.

B. Material Preparation: Carefully mix and prepare materials according to the coating manufacturer's directions.

1. Maintain containers used in mixing and application of coatings according to the manufacturer's directions.
2. Stir materials before applying to produce a mixture of uniform density; stir as required during application. Do not stir surface film into the material. Remove film, and if necessary, strain the coating material before application.
3. Use only the type of thinners approved by the manufacturer and only within recommended limits.

3.3 Application

A. General: Apply materials by spray according to the manufacturer's directions.

1. Do not apply coatings over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions detrimental to forming a durable coating film.
2. Apply coatings at the coverage rate recommended by the manufacturer unless otherwise indicated.
3. The number of coats and film thickness required is the same regardless of the application method. Do not apply successive coats until the previous coat has cured as recommended by the manufacturer. Where sanding is required, according to the manufacturer's directions, sand between applications to produce a smooth, even surface.
4. Provide finish coats compatible with the primers being used.
5. When undercoats or other conditions show through the final coat, apply additional coats until the cured film has a uniform coating finish, color and appearance. Give special attention to edges, corners, crevices, welds, exposed fasteners, and similar surfaces to ensure that they receive a dry film thickness equivalent to that of flat surfaces.
6. The term 'exposed surfaces' included areas visible when permanent or built-in fixtures, grilles, and similar components are in place. Extend coatings in these areas as required, to maintain the system integrity and provide desired protection.

B. Minimum Coating Thickness: Apply each material no thinner than the manufacturer's recommended spreading rate unless otherwise specified in this section. Provide total dry film thickness of the entire system as recommended by the manufacturer or as otherwise indicated. Wet film thickness (WFT) should be measured during application, making sure to account for the amount of thinning so that the dry film thickness (DFT) is met.

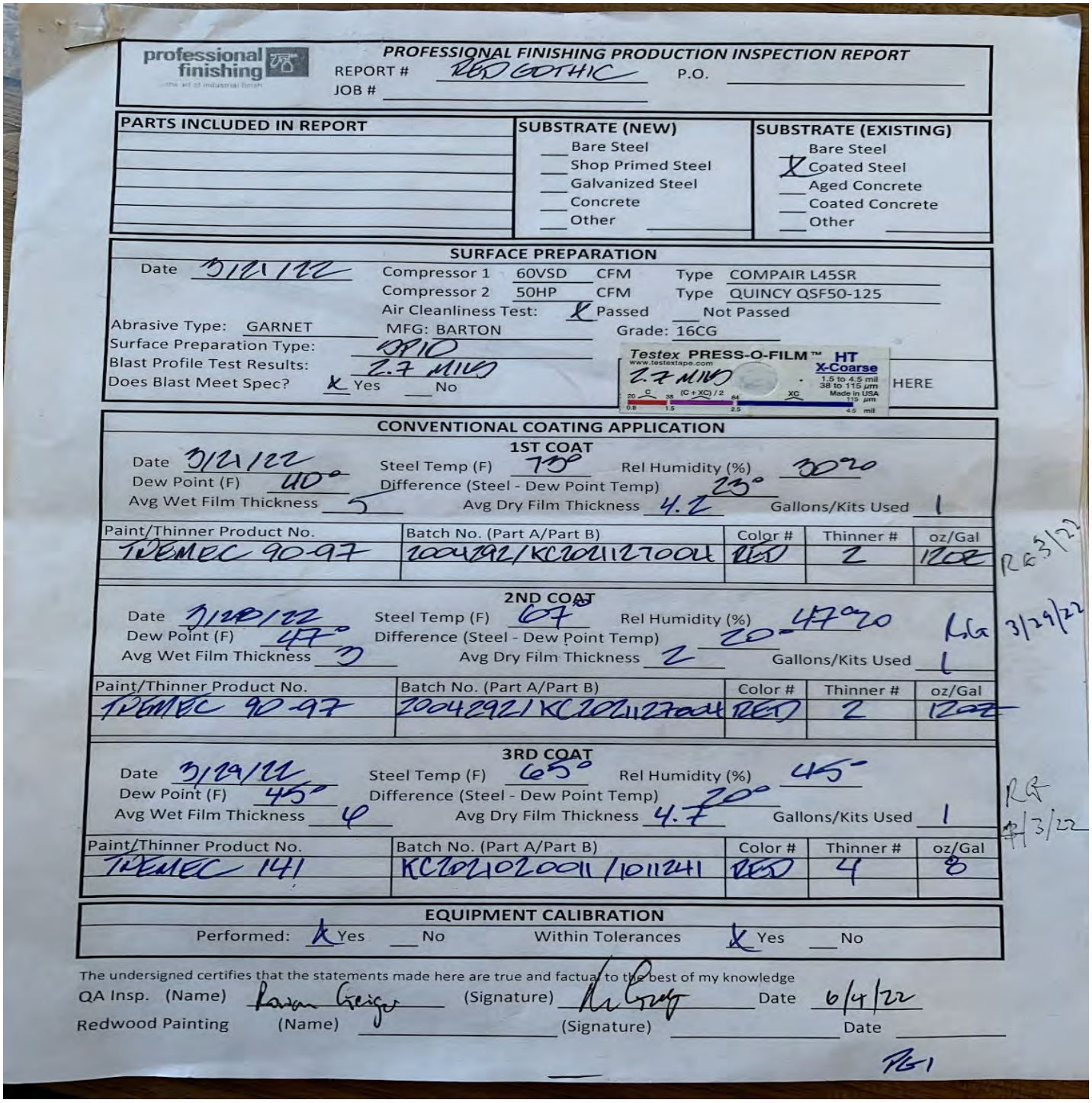
C. Spray Application: Spray coats in an even film. Eliminate cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness and other surface imperfections. Neatly draw edge lines and color breaks. Match the texture of the current sculpture finish to minimize orange peel effect.

D. Completed work: Remove, refinish, or recoat work not complying with specified requirements.

3.3 Protection

Provide breathable, temporary protective wrappings to protect the work after final coats have dried and cured.

Appendix 2: Production inspection report:



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PROFESSIONAL FINISHING PRODUCTION INSPECTION REPORT

REPORT # RED GOTHIC P.O. _____

JOB # _____

PARTS INCLUDED IN REPORT	SUBSTRATE (NEW)	SUBSTRATE (EXISTING)
	___ Bare Steel	___ Bare Steel
	___ Shop Primed Steel	X Coated Steel
	___ Galvanized Steel	___ Aged Concrete
	___ Concrete	___ Coated Concrete
	___ Other	___ Other

SURFACE PREPARATION

Date 3/21/22 Compressor 1 60VSD CFM Type COMPAIR L45SR

Compressor 2 50HP CFM Type QUINCY QSF50-125

Air Cleanliness Test: X Passed ___ Not Passed

Abrasive Type: GARNET MFG: BARTON Grade: 16CG

Surface Preparation Type: SP10

Blast Profile Test Results: 2.7 MILS

Does Blast Meet Spec? X Yes ___ No

Testex PRESS-O-FILM™ HT X-Coarse 1.5 to 4.5 mil 38 to 115 µm Made in USA

2.2 MILS HERE

CONVENTIONAL COATING APPLICATION

1ST COAT

Date 3/21/22 Steel Temp (F) 70° Rel Humidity (%) 30%20

Dew Point (F) 40° Difference (Steel - Dew Point Temp) 23°

Avg Wet Film Thickness 5 Avg Dry Film Thickness 4.2 Gallons/Kits Used 1

Paint/Thinner Product No.	Batch No. (Part A/Part B)	Color #	Thinner #	oz/Gal
TREMEC 90-97	1004292/KC1011270041	RED	2	128

RG 3/22

2ND COAT

Date 3/28/22 Steel Temp (F) 67° Rel Humidity (%) 47%20

Dew Point (F) 47° Difference (Steel - Dew Point Temp) 20-

Avg Wet Film Thickness 3 Avg Dry Film Thickness 2 Gallons/Kits Used 1

RG 3/29/22

Paint/Thinner Product No.	Batch No. (Part A/Part B)	Color #	Thinner #	oz/Gal
TREMEC 90-97	1004292/KC1011270041	RED	2	128

3RD COAT

Date 3/29/22 Steel Temp (F) 65° Rel Humidity (%) 45-

Dew Point (F) 45° Difference (Steel - Dew Point Temp) 20°

Avg Wet Film Thickness 6 Avg Dry Film Thickness 4.7 Gallons/Kits Used 1

RG 4/3/22

Paint/Thinner Product No.	Batch No. (Part A/Part B)	Color #	Thinner #	oz/Gal
TREMEC 141	KC1021020011/1011241	RED	4	8

EQUIPMENT CALIBRATION

Performed: X Yes ___ No Within Tolerances X Yes ___ No

The undersigned certifies that the statements made here are true and factual to the best of my knowledge

QA Insp. (Name) Karen Geiger (Signature) _____ Date 6/4/22

Redwood Painting (Name) _____ (Signature) _____ Date _____

RG1

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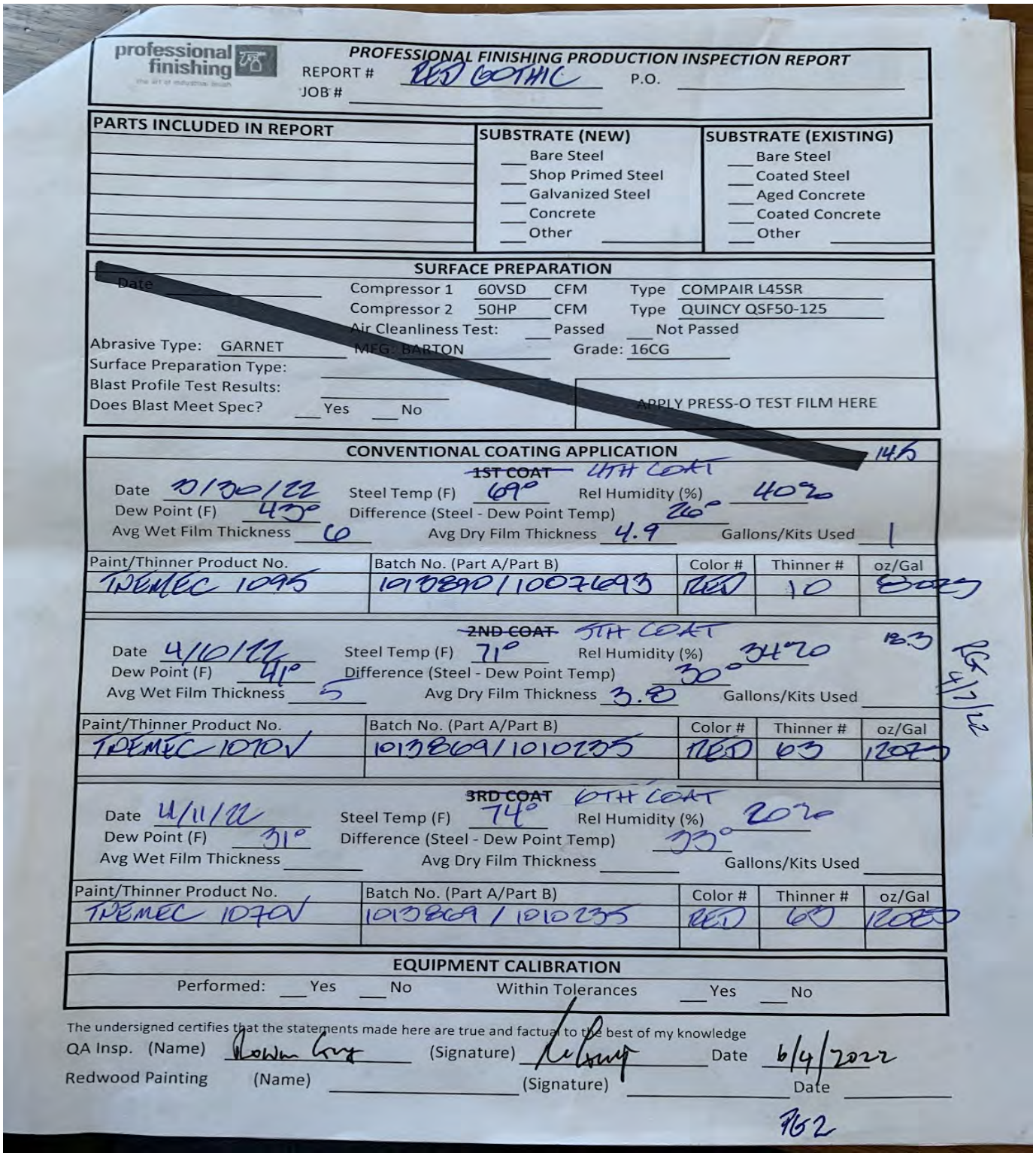

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REPORT # RED GOTHIC P.O.

JOB #

PARTS INCLUDED IN REPORT	SUBSTRATE (NEW)	SUBSTRATE (EXISTING)
	___ Bare Steel	___ Bare Steel
	___ Shop Primed Steel	___ Coated Steel
	___ Galvanized Steel	___ Aged Concrete
	___ Concrete	___ Coated Concrete
	___ Other	___ Other

SURFACE PREPARATION

Date

Compressor 1 60VSD CFM Type COMPAIR L45SR

Compressor 2 50HP CFM Type QUINCY QSF50-125

Air Cleanliness Test: ___ Passed ___ Not Passed

Abrasive Type: GARNET MFG: BARTON Grade: 16CG

Surface Preparation Type:

Blast Profile Test Results:

Does Blast Meet Spec? ___ Yes ___ No

APPLY PRESS-O TEST FILM HERE

CONVENTIONAL COATING APPLICATION

~~1ST COAT~~ 4TH COAT

Date 10/30/22 Steel Temp (F) 69° Rel Humidity (%) 40%

Dew Point (F) 43° Difference (Steel - Dew Point Temp) 26°

Avg Wet Film Thickness 6 Avg Dry Film Thickness 4.9 Gallons/Kits Used 1

Paint/Thinner Product No.	Batch No. (Part A/Part B)	Color #	Thinner #	oz/Gal
TREMEC 1095	1010890/1007693	RED	10	

~~2ND COAT~~ 5TH COAT

Date 4/10/22 Steel Temp (F) 71° Rel Humidity (%) 34%

Dew Point (F) 41° Difference (Steel - Dew Point Temp) 30°

Avg Wet Film Thickness 5 Avg Dry Film Thickness 3.80 Gallons/Kits Used

Paint/Thinner Product No.	Batch No. (Part A/Part B)	Color #	Thinner #	oz/Gal
TREMEC 1010V	1013869/1010235	RED	03	

~~3RD COAT~~ 6TH COAT

Date 4/11/22 Steel Temp (F) 74° Rel Humidity (%) 20%

Dew Point (F) 31° Difference (Steel - Dew Point Temp) 33°

Avg Wet Film Thickness Avg Dry Film Thickness Gallons/Kits Used

Paint/Thinner Product No.	Batch No. (Part A/Part B)	Color #	Thinner #	oz/Gal
TREMEC 1070V	1013869/1010235	RED	03	

EQUIPMENT CALIBRATION

Performed: ___ Yes ___ No Within Tolerances ___ Yes ___ No

The undersigned certifies that the statements made here are true and factual to the best of my knowledge

QA Insp. (Name) Rowan Gray (Signature) [signature] Date 6/4/2022

Redwood Painting (Name) (Signature) Date

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PROFESSIONAL FINISHING INSPECTION REPORT

REPORT # RED GOTHIC P.O. ______
JOB # ______

PARTS INCLUDED IN REPORT	SUBSTRATE (NEW)	SUBSTRATE (EXISTING)
	___ Bare Steel	___ Bare Steel
	___ Shop Primed Steel	___ Coated Steel
	___ Galvanized Steel	___ Aged Concrete
	___ Concrete	___ Coated Concrete
	___ Other ______	___ Other ______

SURFACE PREPARATION

Date ______ Compressor 1 60VSD CFM Type COMPAIR L45SR
Compressor 2 50HP CFM Type QUINCY QSF50-125
Air Cleanliness Test: ___ Passed ___ Not Passed
Abrasive Type: GARNET MFG: BARTON Grade: 16CG
Surface Preparation Type: ______
Blast Profile Test Results: ______
Does Blast Meet Spec? ___ Yes ___ No

APPLY PRESS-O TEST FILM HERE

CONVENTIONAL COATING APPLICATION

PIA — SEMI GLOSS

1ST COAT

Date 5/11/22 Steel Temp (F) 66° Rel Humidity (%) 30%
Dew Point (F) 35° Difference (Steel - Dew Point Temp) 31°
Avg Wet Film Thickness ______ Avg Dry Film Thickness ______ Gallons/Kits Used ______

Paint/Thinner Product No.	Batch No. (Part A/Part B)	Color #	Thinner #	oz/Gal
TNEMEC 1079	1008795 / 1011224 1010704	CLR	49	16

~~2ND COAT~~ 7TH COAT INSIDE

Date 5/16/22 Steel Temp (F) 74° Rel Humidity (%) 45%
Dew Point (F) 51° Difference (Steel - Dew Point Temp) 23°
Avg Wet Film Thickness 3 Avg Dry Film Thickness ______ Gallons/Kits Used ______

Paint/Thinner Product No.	Batch No. (Part A/Part B)	Color #	Thinner #	oz/Gal
TNEMEC 1070V	1013869 / 1010285	RED	63	12

~~3RD COAT~~ 8TH COAT INSIDE

Date 5/16/22 Steel Temp (F) 73° Rel Humidity (%) 47%
Dew Point (F) 52° Difference (Steel - Dew Point Temp) 21°
Avg Wet Film Thickness 3 Avg Dry Film Thickness ______ Gallons/Kits Used ______

Paint/Thinner Product No.	Batch No. (Part A/Part B)	Color #	Thinner #	oz/Gal
TNEMEC 1079	1008795 / 1011224 1010704	CLR	49	16

EQUIPMENT CALIBRATION

Performed: ___ Yes ___ No Within Tolerances ___ Yes ___ No

The undersigned certifies that the statements made here are true and factual to the best of my knowledge

QA Insp. (Name) Rowan Gorgas (Signature) [signature] Date 6/4/22
Redwood Painting (Name) ______ (Signature) ______ Date ______

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PROFESSIONAL FINISHING INSPECTION REPORT

REPORT # RED GOTHIC P.O. _____
JOB # _____

PARTS INCLUDED IN REPORT	SUBSTRATE (NEW)	SUBSTRATE (EXISTING)
	___ Bare Steel	___ Bare Steel
	___ Shop Primed Steel	___ Coated Steel
	___ Galvanized Steel	___ Aged Concrete
	___ Concrete	___ Coated Concrete
	___ Other _____	___ Other _____

SURFACE PREPARATION

Date _____
Compressor 1 60VSD CFM Type COMPAIR L45SR
Compressor 2 50HP CFM Type QUINCY QSF50-125
Air Cleanliness Test: ___ Passed ___ Not Passed
Abrasive Type: GARNET MFG: BARTON Grade: 16CG
Surface Preparation Type: _____
Blast Profile Test Results: _____
Does Blast Meet Spec? ___ Yes ___ No

APPLY PRESS-O TEST FILM HERE

CONVENTIONAL COATING APPLICATION

~~1ST COAT~~ 9TH COAT INSIDE
Date 5/20/22 Steel Temp (F) 70° Rel Humidity (%) 49%20
Dew Point (F) 51° Difference (Steel - Dew Point Temp) 19°
Avg Wet Film Thickness 5 Avg Dry Film Thickness _____ Gallons/Kits Used _____

Paint/Thinner Product No.	Batch No. (Part A/Part B)	Color #	Thinner #	oz/Gal
TREMEC 1070V	1010869/1010235	RED	69	12

~~2ND COAT~~ 10TH COAT INSIDE
Date 5/20/22 Steel Temp (F) 70° Rel Humidity (%) 49%20
Dew Point (F) 40° Difference (Steel - Dew Point Temp) 30°
Avg Wet Film Thickness 3 Avg Dry Film Thickness _____ Gallons/Kits Used _____

Paint/Thinner Product No.	Batch No. (Part A/Part B)	Color #	Thinner #	oz/Gal
TREMEC 1079	1008795/1011224 1010704	CLR	49	160

~~3RD COAT~~ 11TH COAT INSIDE
Date 5/24/22 Steel Temp (F) 74° Rel Humidity (%) 45%
Dew Point (F) 51° Difference (Steel - Dew Point Temp) 23°
Avg Wet Film Thickness 3 Avg Dry Film Thickness _____ Gallons/Kits Used _____

Paint/Thinner Product No.	Batch No. (Part A/Part B)	Color #	Thinner #	oz/Gal
TREMEC 1070V	1010869/1010235	RED	69	12

EQUIPMENT CALIBRATION

Performed: ___ Yes ___ No Within Tolerances ___ Yes ___ No

The undersigned certifies that the statements made here are true and factual to the best of my knowledge

QA Insp. (Name) Marvin Cruz (Signature) _____ Date 6/4/2022
Redwood Painting (Name) _____ (Signature) _____ Date _____

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PROFESSIONAL FINISHING INSPECTION REPORT

REPORT # RED GOTHIC P.O. _____
JOB # _____

PARTS INCLUDED IN REPORT	SUBSTRATE (NEW)	SUBSTRATE (EXISTING)
	___ Bare Steel	___ Bare Steel
	___ Shop Primed Steel	___ Coated Steel
	___ Galvanized Steel	___ Aged Concrete
	___ Concrete	___ Coated Concrete
	___ Other _____	___ Other _____

SURFACE PREPARATION

Date _____
Compressor 1 60VSD CFM Type COMPAIR L45SR
Compressor 2 50HP CFM Type QUINCY QSF50-125
Air Cleanliness Test: ___ Passed ___ Not Passed
Abrasive Type: GARNET MFG: BARTON Grade: 16CG
Surface Preparation Type: _____
Blast Profile Test Results: _____
Does Blast Meet Spec? ___ Yes ___ No

APPLY PRESS-O TEST FILM HERE

CONVENTIONAL COATING APPLICATION

~~1ST COAT~~ 12TH COAT INSIDE

Date 5/24/22 Steel Temp (F) 75° Rel Humidity (%) 46%
Dew Point (F) 52° Difference (Steel - Dew Point Temp) 23°
Avg Wet Film Thickness 7 Avg Dry Film Thickness _____ Gallons/Kits Used _____

Paint/Thinner Product No.	Batch No. (Part A/Part B)	Color #	Thinner #	oz/Gal
INTEREC 1079	1008795 / 1011224 1010704	CLR	49	16

~~2ND COAT~~ 13TH OUTSIDE

Date 5/30/22 Steel Temp (F) 77° Rel Humidity (%) 46%
Dew Point (F) 49° Difference (Steel - Dew Point Temp) _____
Avg Wet Film Thickness 5 Avg Dry Film Thickness _____ Gallons/Kits Used _____

Paint/Thinner Product No.	Batch No. (Part A/Part B)	Color #	Thinner #	oz/Gal
INTEREC 1079	1013869 / 1010035	RED	49	12

~~3RD COAT~~ 14TH OUTSIDE

Date 6/1/22 Steel Temp (F) 76° Rel Humidity (%) 51%
Dew Point (F) 52° Difference (Steel - Dew Point Temp) 24°
Avg Wet Film Thickness 7 Avg Dry Film Thickness _____ Gallons/Kits Used _____

Paint/Thinner Product No.	Batch No. (Part A/Part B)	Color #	Thinner #	oz/Gal
INTEREC 1079	1008795 / 1014724 1010704	CLR	49	16

RA 6/4/22

EQUIPMENT CALIBRATION

Performed: ___ Yes ___ No Within Tolerances ___ Yes ___ No

The undersigned certifies that the statements made here are true and factual to the best of my knowledge

QA Insp. (Name) Ewan Craig (Signature) _____ Date 6/4/2022.

~~Redwood~~ Painting (Name) DONAHUE (Signature) _____ Date 6/3/22

RF

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