

USER:

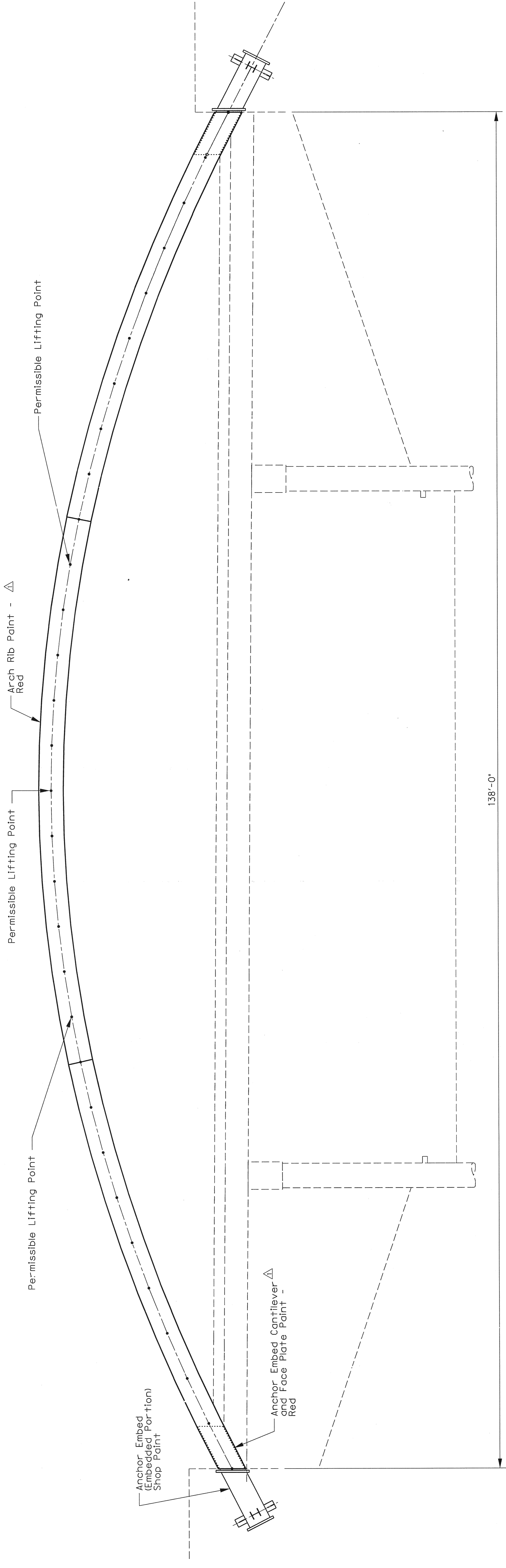
OFFICE: RCH

PROJECT # 27379

FILE: 27379-SC-BELLABL-AE04.dgn

TIME: 2:49:23 PM

DATE: 5/11/2011



138'-0"

### ELEVATION

SCALE: 3/8" = 1'-0"

Topcoat: Polyurethane. Provide factory formulated polyurethane. Material shall be compatible with the intermediate coat indicated. Sheen shall be gloss.

- Carboline: 134 HS
- Coronado: Superthane, 827 Series
- Porter: "Hythane Super" No. 8600
- Sherwin-Williams: "High Solids Polyurethane," B65 Series
- Themec: Series 75, "Endura-Shield" High Build Polyurethane

Color of Topcoat: Red  
C 117  
B 52  
B 65

**Clear Coat: Polyurethane.** Provide factory formulated polyurethane. Material shall be Carboline: Carbothane 130 Clear Coat. Sheen shall be gloss. Coating shall be applied at a minimum of 2 mils dry. A fugitive dye shall be included in the coating in order to achieve full coverage. Clear coat shall be applied before hard or final cure of finish coating. Two coats may be required to obtain desired appearance, hiding and recommended dry film thickness.

#### Erection Notes:

- Field splices shall be made with arch flat, prior to lifting arch.
- Field splices shall be made by full penetration groove welds in accordance with Item 441, "Steel Structures." Nondestructive Examination (NDE) shall be performed as specified in AWS D1.5.
- Arch shall be lifted using a spreader bar and shall be lifted, at a minimum, from the points shown to allow for adequate clear distance from the face of the abutment. The Contractor may adjust the location of the lifting points as approved by the Engineer.
- Contractor shall submit an erection and bracing plan signed and sealed by a Licensed Professional Engineer in the State of Texas for the Engineer's approval prior to erection.
- Lifting points shall not be located at field splices.
- Arch shall be fully braced until bottom plates of arch rib have been installed.
- The Contractor may modify the method of erection as approved by the Engineer.
- Touch up any damaged paint in accordance with Item 446, "Cleaning and Painting Steel and paint manufacturer's recommendations.

**Painting Notes:**  
Cleaning and painting shall be in accordance with Item 446, "Cleaning and Painting Steel" and Manufacturer's instructions.  
Materials manufactured by the following manufacturers are acceptable:

- Carboline
- Coronado
- Porter
- Sherwin-Williams
- Themec

#### Acceptable Materials:

Primer: Organic zinc-rich primer. Provide factory formulated prime coat material compatible with the substrate and finish coats indicated. Primer shall be a two or three component polyamide epoxy zinc-rich coating. Primers shall contain no lead.

- Carboline: No. 858
- Coronado: Polyamide Epoxy Zinc Rich Primer, 101-152
- Porter: Zinc-Lock No. 308
- Sherwin-Williams: Zinc Clad IV
- Themec: 90-97

Intermediate Coat: High build epoxy. Provide factory formulated polyamide epoxy intermediate coat compatible with prime coat and topcoat indicated.

- Carboline: No. 893
- Coronado: Polyamide Epoxy 111-111
- Porter: "M.C.R. High Build Epoxy" No. 4500
- Sherwin-Williams: "Recoatable Epoxy Primer," B67 Series
- Themec: Series 66 "Hi-Build Epoxoline"



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NO.	REVISION	BY	DATE
ADDENDUM *9	ESC	5/11/11	
ADDENDUM *1	ESC	5/14/10	
<b>ADDISON</b> <b>TOWN OF ADDISON</b> <b>DALLAS COUNTY, TEXAS</b> <b>VITRUVIAN PARK BRIDGES</b> <b>BELLA LAINE</b>			
<b>ARCH ERECTION &amp; PAINTING PLAN</b>			
<b>HALFF</b> 1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275 TEL (214) 346-6200 FAX (214) 738-0095			
PROJECT	DESIGN	DRAWN	DATE
27379	ESC	AHH	APRIL 2010
			FILE
			SHEET
			S2-18