



**ELEVATION**  
SCALE: 1/4" = 1'-0"

Working Point (WP)	Coordinate	
	X (ft)	Y (ft)
1	0.000	0.000
2	4.600	2.344
3	9.200	4.527
4	13.800	6.547
5	18.400	8.406
6	23.000	10.104
7	27.600	11.640
8	32.200	13.014
9	36.800	14.226
10	41.400	15.277
11	46.000	16.166
12	50.600	16.894
13	55.200	17.460
14	59.800	17.864
15	64.400	18.106
16	69.000	18.187
17	73.600	18.106
18	78.200	17.864
19	82.800	17.460
20	87.400	16.894
21	92.000	16.166
22	96.600	15.277
23	101.200	14.226
24	105.800	13.014
25	110.400	11.640
26	115.000	10.104
27	119.600	8.406
28	124.200	6.547
29	128.800	4.527
30	133.400	2.344
31	138.000	0.000

Note:  
Geometry Shown Is That Required For Fabrication And Does Not Represent Changes In Shape Due To Loading.



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY ERIC S. CHRISTENSEN, P.E. #85412 ON 04-29-2010. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT. THE RECORD COPY OF THIS DRAWING IS ON FILE AT THE OFFICES OF HALFF ASSOCIATES, 1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS, 75081, TEL: 972-738-0066, FAX: 972-738-0066.

**Fabrication Notes:**  
 All Structural Steel Shall Conform To The Requirements Of ASTM A36, Unless Noted Otherwise.  
 All Steel Shall Be Painted.  
 Field Splices Shall Be Made By Full Penetration Groove Welds In Accordance With Item 441, "Steel Structures". Bolted Field Splices Are Not Permitted.  
 See S2-20 For Field Splice Details.  
 Arch Curve To Be Fabricated Flat Based On Working Points.  
 Arch Sections Between WP1 And WP2, And Between WP30 And WP31 Shall Be Linear.

NO.	REVISION	BY	DATE
<b>TOWN OF ADDISON</b> <b>DALLAS COUNTY, TEXAS</b>			
<b>VITRUVIAN PARK BRIDGES</b> <b>BELLA LANE</b>			
<b>ARCH RIB PROFILE</b>			
<b>HALFF</b> 1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2276 TEL (214) 348-6200 FAX (214) 738-0066			
PROJECT	DESIGN	DRAWN	DATE
27379	ESC	AHH	APRIL 2010
FILE	SHEET		
-	S2-16		