



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

Working Point (WP)	Coordinate	
	X (ft)	Y (ft)
1	0.000	0.000
2	4.212	4.692
3	8.424	9.089
4	12.457	13.021
5	16.489	16.682
6	20.522	20.072
7	24.555	23.191
8	28.588	26.039
9	32.621	28.615
10	36.654	30.920
11	40.687	32.954
12	44.719	34.717
13	48.752	36.208
14	52.785	37.429
15	56.818	38.378
16	60.851	39.056
17	64.883	39.463
18	68.917	39.598
19	72.950	39.463
20	76.982	39.056
21	81.015	38.378
22	85.048	37.429
23	89.081	36.208
24	93.114	34.717
25	97.147	32.954
26	101.180	30.920
27	105.212	28.615
28	109.245	26.039
29	113.278	23.191
30	117.311	20.072
31	121.344	16.682
32	125.377	13.021
33	129.409	9.089
34	133.621	4.692
35	137.833	0.000

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

Fabrication Notes:

- All Structural Steel Shall Conform To The Requirements Of ASTM A36, Unless Noted Otherwise.
- All Steel Shall Be Painted, Except Hanger Rods and Clevis.
- Hanger Rods And Clevis Shall Be Galvanized In Accordance with Item 445, "Galvanizing."
- Field Splices Shall Be Made By Full Penetration Groove Welds In Accordance With Item 441, "Steel Structures". Bolted Field Splices Are Not Permitted.
- See S1-24 For Field Splice Details.
- Arch Curve To Be Fabricated Flat Based On Working Points
- Arch Sections Between WP1 And WP2, And Between WP34 And WP 35 Shall Be Linear.



04-29-10

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NO.	REVISION	BY	DATE
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
VITRUVIAN PARK BRIDGES PONTE AVENUE			
ARCH RIB PROFILE			
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PROJECT	DESIGN	DRAWN	DATE
27379	ESC	AHH	APRIL 2010
FILE	SHEET		
-	S1-20		