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OFFICE: RCH

PROJECT # 27379

FILE: 27379-SC-BELLABL-AB01-01.dgn

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DATE: 8/18/2010

BAR SCHEDULE ~ ONE CAP

Bar	Type	No.	Size	Length	Weight	
A	S+	28	#11	58'-1"	8,641	
H	S+	8	#6	57'-8"	693	
L1	B+	12	#6	5'-0"	91	
L2	B+	24	#6	12'-6"	451	
S1	B+	55	#5	18'-2"	1,043	
V	B+	59	#5	9'-2 1/2"	567	
wH1	S+	22	#6	21'-2"	700	
wH2	S+	38	#6	10'-2"	581	
wH3	S+	22	#6	10'-8"	353	
wU	B+	26	#8	26'-2 1/2"	1,820	
wV1	S+	24	#8	11'-8 3/4"	752	
wV2	S+	24	#6	9'-8 3/4"	351	
wZ	B+	22	#6	6'-2 1/2"	206	
Total Reinforcing Steel					LB	16,250
CI C Conc (Abut)					CY	47.9
CI C Conc (Mass Placement)					CY	72.5

ESTIMATED QUANTITIES

Item	Unit	QUANTITY
Drilled Shaft (48 IN)	FT	44
Drilled Shaft (30 IN)	FT	150
CI C Conc (Abut)	CY	47.9
CI C Conc (Mass Placement)	CY	72.5
Reinf Steel	LB	16,250

For contractor's information only.

General Notes:

Designed per AASHTO LRFD Bridge Design Specifications (2007) with interim specifications thereto.

Concrete strength f'c = 3,600 psi.

The price bid per foot of Drilled Shaft shall include the reinforcing extending from the shaft into the cap.

Spiral steel shall have one extra turn at the top, bottom and at splices.

All cap and wall reinforcing shall be grade 60 steel.

Drilled shaft reinforcing may be grade 40.

Calculated drilled shaft foundation load is as follows:
146 tons per shaft (48")
104 tons per shaft (30")



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ADD	ADDENDUM #5	ESC	08/18/10
ADD	ADDENDUM #4	ESC	07/28/10
ADD	ADDENDUM #3	ESC	05/24/10
ADD	ADDENDUM #2	ESC	05/19/10

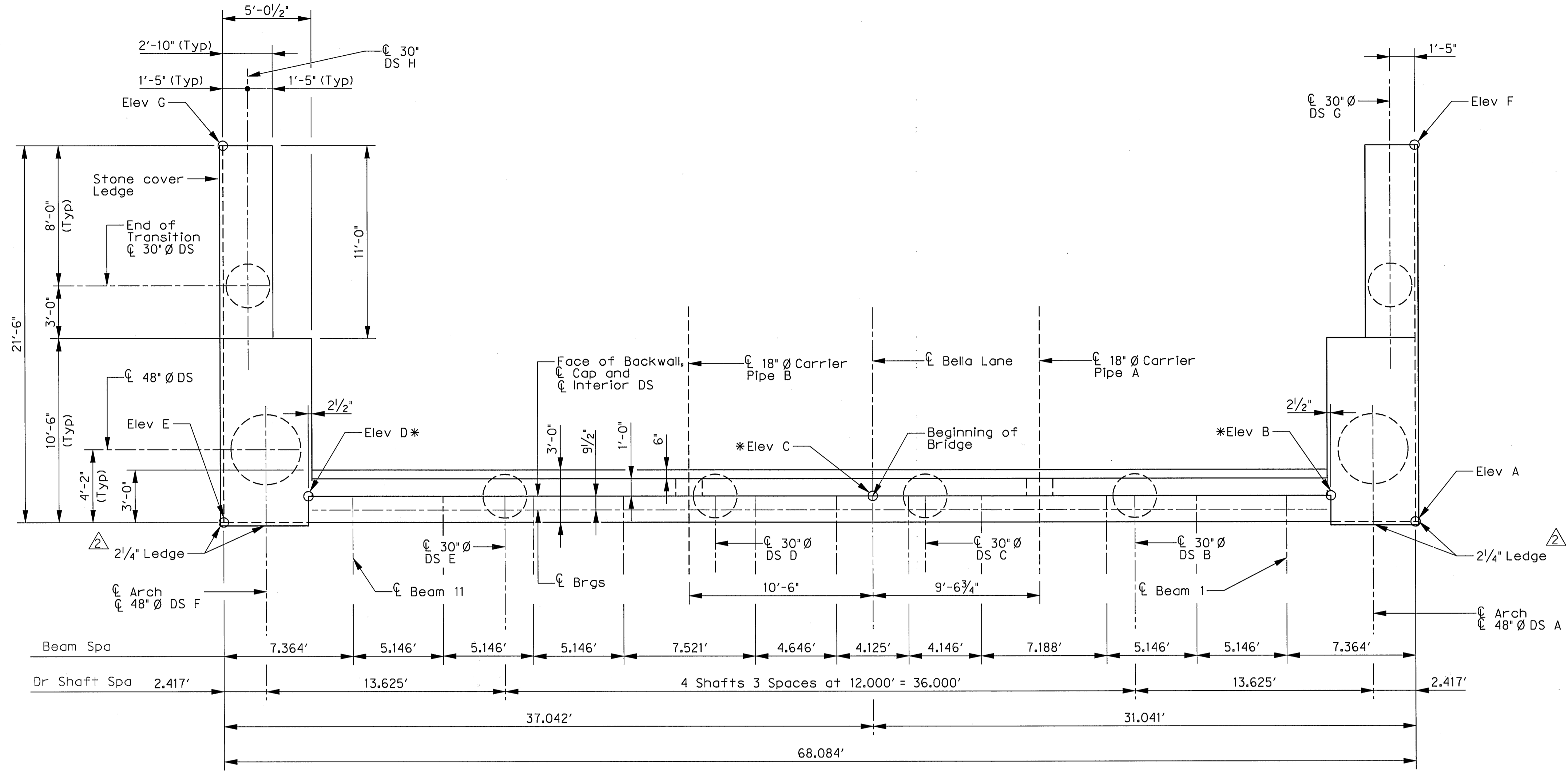
ADDISON TOWN OF ADDISON DALLAS COUNTY, TEXAS

VITRUVIAN PARK BRIDGES BELLA LANE

ABUTMENT No. 1 PLAN AND ELEVATION

HALFF 1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275 TEL (214) 346-6200 FAX (214) 738-0095

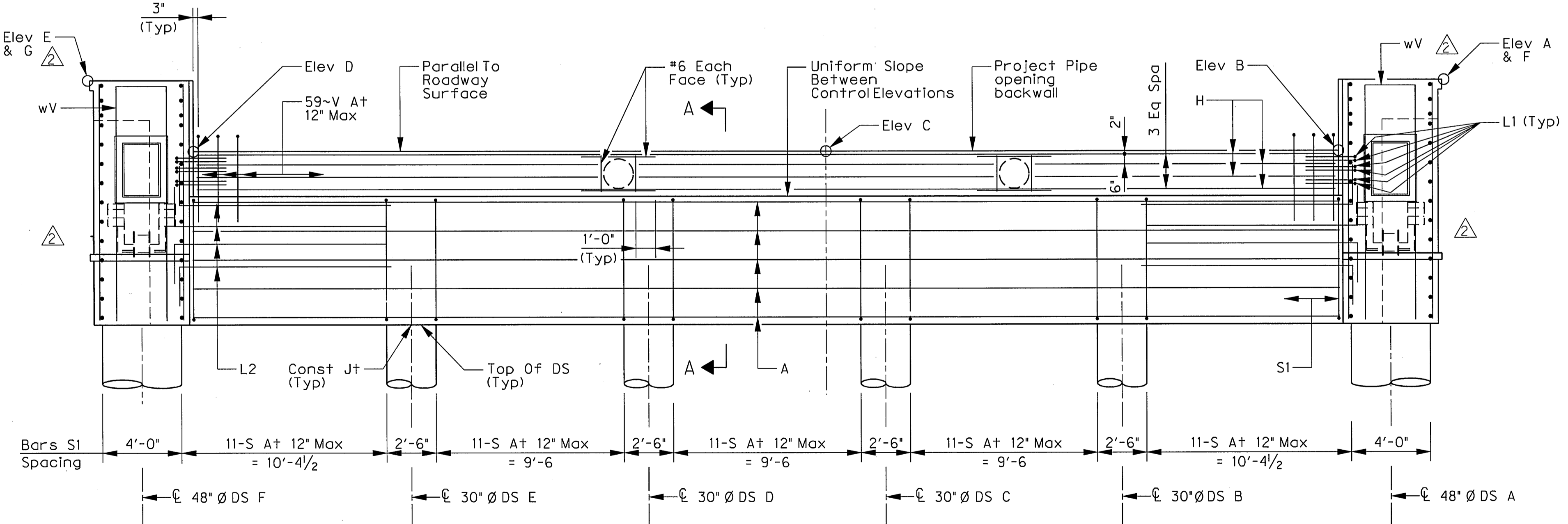
PROJECT	DESIGN	DRAWN	DATE	FILE	SHEET
27379	ESC	AHH	APRIL 2010	-	S2-04



PLAN

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

*Denotes elevation taken at top, frontface of backwall along centerline of abutment.



ELEVATION

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

Note: For information not shown see Section A-A/S2-07

CONTROL ELEVATIONS

Abutment	Station	Top of Abutment						Top of Drilled Shafts								
		Elev A	Elev B	Elev C	Elev D	Elev E	Elev F	DS A	DS B	DS C	DS D	DS E	DS F	DS G	DS H	
1	28+58.50	564.94	561.34	561.87	561.23	564.84	563.45	563.35	552.54	552.80	553.04	552.92	552.68	552.42	552.48	552.36