

USER: ah2482

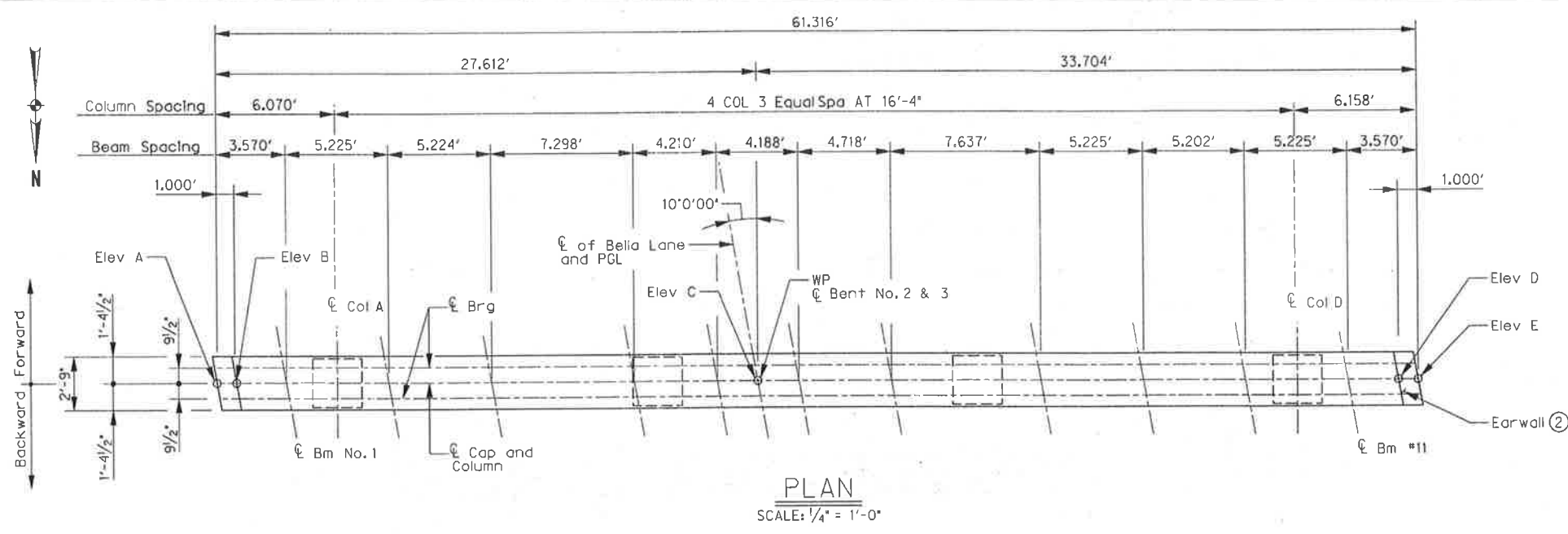
OFFICE: RCH

PROJECT = 27379

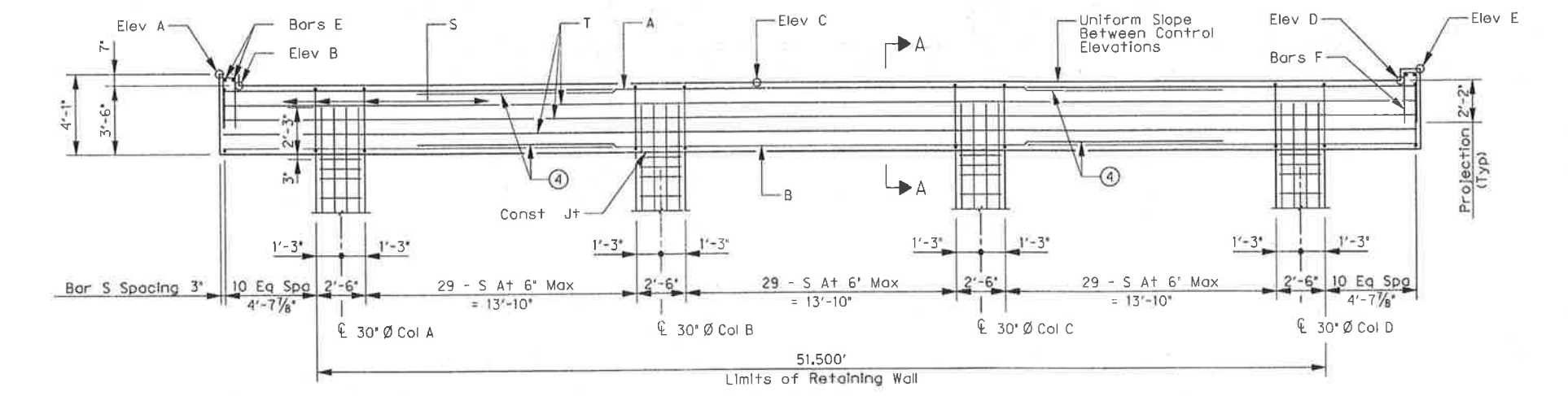
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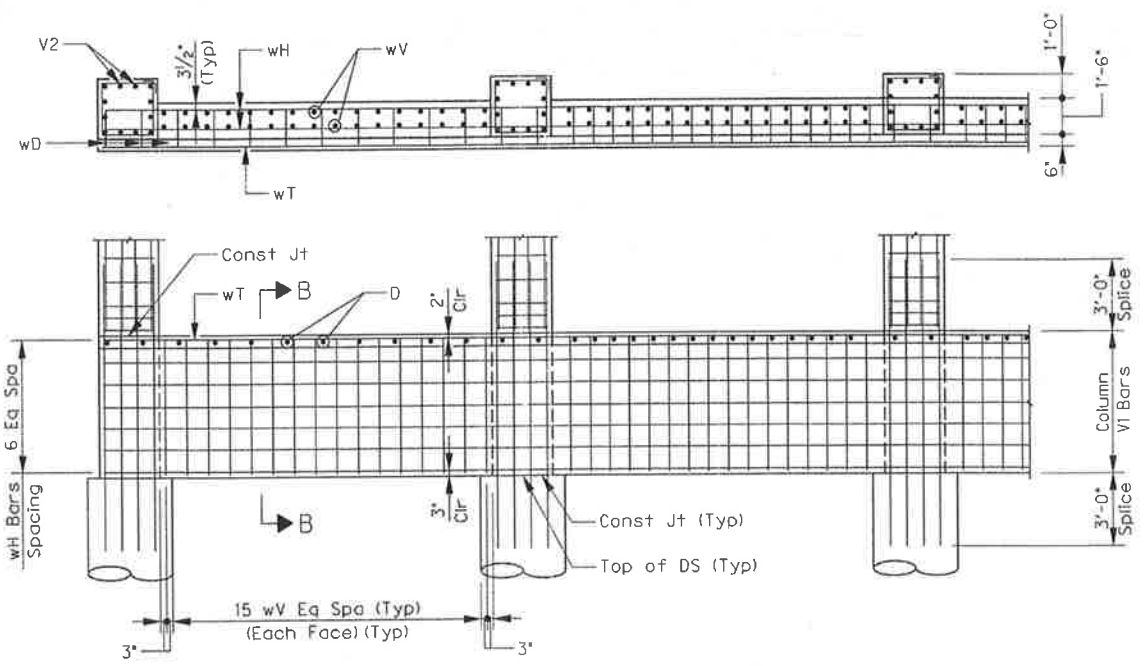
DATE: 5/19/2010



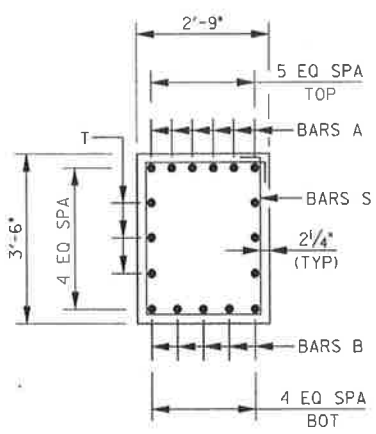
PLAN  
SCALE: 1/4" = 1'-0"



51.500'  
Limits of Retaining Wall



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



SECTION A-A  
SCALE: 1/2" = 1'-0"

BAR SCHEDULE ~ ONE CAP

Bar	Type	No.	Size	Length	Weight
A	S+	6	#11	70'-10"	2,259
B	S+	5	#11	67'-8"	1,798
E	S+	4	#5	2'-5"	11
F	B+	10	#5	6'-1 1/2"	64
S	B+	109	#5	12'-0"	1,365
T	S+	6	#5	66'-1"	414
wD	S+	36	#5	1'-6"	57
wH	S+	14	#7	51'-2"	1,465
wT	S+	1	#5	51'-2"	54
wV	S+	45	#5	5'-7"	263

① Total Reinforcing Steel	LB	7,750
⑤ CI C Conc (Bent)	CY	40.5

COLUMN SCHEDULE ~ ONE COLUMN

"H"	Bars V1-12-#8	Bars V2-12-#8	Bars Z-#3 Ties		Reinf Steel	Class C Concrete	
FT	Length	Weight	Length	Weight	LB	CY	
13	12'-0"	385	15'-3"	489	17	936	12.1
14	12'-0"	385	16'-3"	521	18	972	13.0
15	12'-0"	385	17'-3"	553	19	1,008	13.9
16	12'-0"	385	18'-3"	585	20	1,043	14.9
17	12'-0"	385	19'-3"	617	21	1,079	15.8

ESTIMATED QUANTITIES

Item	Unit	BENT 2	BENT 3
Drilled Shaft (42 IN)	FT	40	40
CI C Conc (Bent)	CY	54.4	54.4
① Reinf Steel	LB	8,758	8758.0

- ① For Contractor's Information only.
- ② Do not cast earwalls until beams are erected in their final position.
- ③ Length of bar includes 10'-0" splice length.
- ④ Top splices shall be near midspan and bottom splices near supports. Adjacent bars cannot be spliced at the same location.
- ⑤ Quantity includes retaining wall

General Notes:

Concrete strength  $f'c = 3,600$  psi.  
 The price bid per foot of column 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 reinforcing shall be grade 60.  
 Column and Drilled Shaft reinforcing may be grade 40.  
 Cap form supports shall remain in place until the entire cap is ready for form removal.  
 Calculated drilled shaft foundation load: 156 Tons per Drilled Shaft



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NO.	REVISION	ESC	05/19/10
ADDENDUM #2			
<b>HALFF</b> 1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275 TEL (214) 346-8200 FAX (214) 730-0096			
PROJECT	DESIGN	DRAWN	DATE
27379	ESC	AHH	APRIL 2010
FILE	SHEET		
	S2-08		