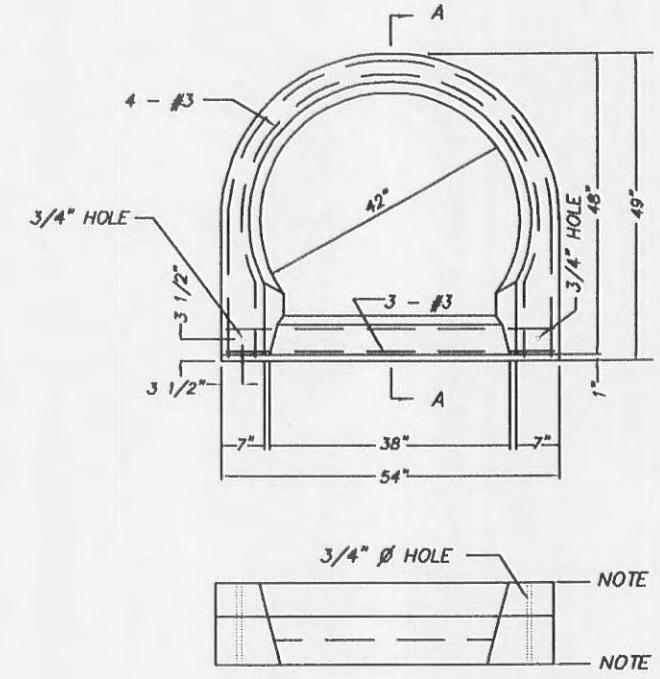
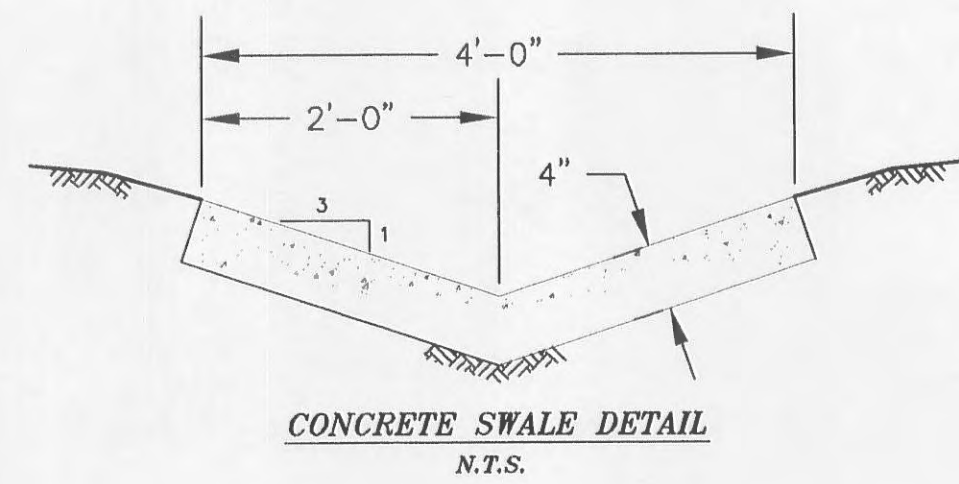
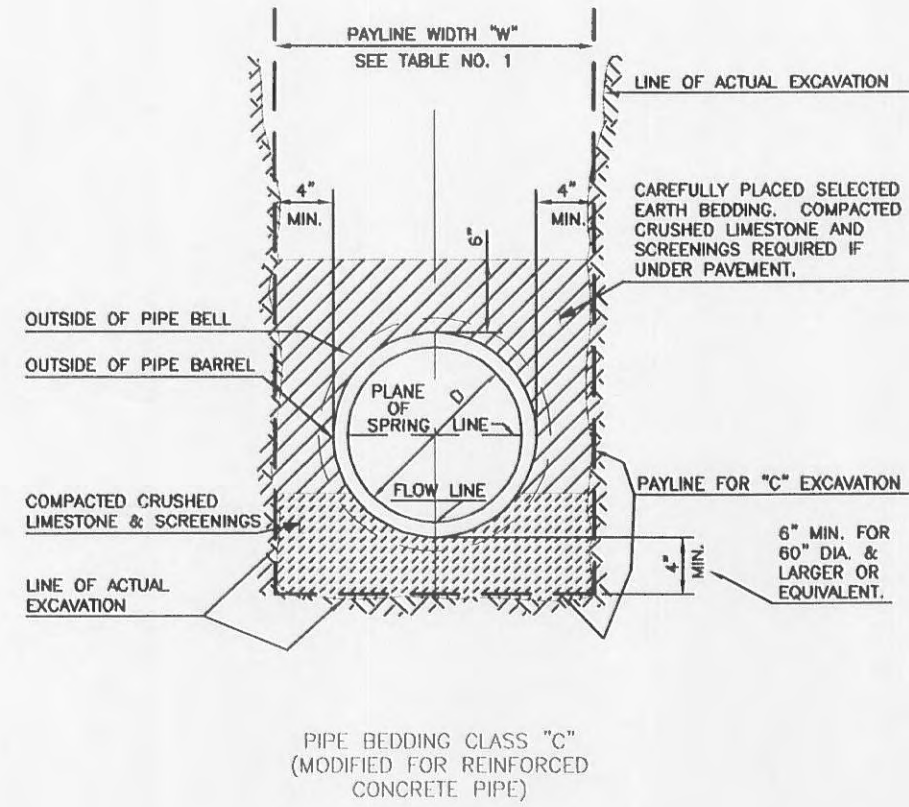


ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
Inside Diameter of Pipe (Inches)	"W" Payline Width of Trench (Inches)	"W" Payline Width of Trench (Feet)	Pay-volume cu. ft. per ft. of Pipe (Concrete Encasement)	Inside Diameter of Pipe (Inches)	"W" Payline Width of Trench (Inches)	"W" Payline Width of Trench (Feet)	Pay-volume cu. ft. per ft. of Pipe (Concrete Encasement)
4	28	2.33	3.20				
6	28	2.33	3.46				
8	28	2.33	3.70				
10	28	2.33	3.86				
12	28	2.33	3.98				
15	32	2.67	4.89				
18	35	2.92	5.83	14 X 23	41	3.42	5.94
21	39	3.25	6.81				
24	42	3.50	7.39	19 X 30	49	4.08	7.98
27	45	3.75	8.18	22 X 34	53	4.42	8.81
30	49	4.08	9.30	24 X 38	58	4.83	9.70
33	53	4.42	10.53	27 X 42	62	5.17	10.71
36	56	4.67	11.43	29 X 45	66	5.50	11.72
39	60	5.00	12.48	32 X 49	71	5.92	13.14
42	63	5.25	13.38	34 X 53	75	6.25	14.05
48	70	5.83	15.87	38 X 60	83	6.92	16.18
54	77	6.42	18.15	43 X 66	92	7.67	18.81
60	84	7.00	20.73	48 X 75	101	8.42	21.29
66	91	7.58	23.45	53 X 83	109	9.08	24.35
72	98	8.17	26.37	58 X 91	118	9.83	27.45
78	105	8.75	29.28	63 X 98	128	10.50	30.90
84	112	9.33	32.57	68 X 106	135	11.25	33.91
90	119	9.92	35.90	72 X 113	143	11.92	36.99
96	126	10.50	39.37	77 X 121	152	12.67	40.89
102	133	11.08	43.96	82 X 128	160	13.33	44.45
108	140	11.67	48.75	87 X 136	168	14.00	47.79
114	147	12.25	50.66	92 X 143	176	14.67	51.70
120	154	12.83	54.72	97 X 151	185	15.42	56.01
126	161	13.42	58.62				
132	168	14.00	63.27	108 X 166	202	18.83	64.48
144	182	15.17	72.40	116 X 180	216	18.17	73.99

TABLE NO. 1  
PAYLINE WIDTHS OF TRENCH AND  
PAY-QUANTITIES OF CONCRETE.

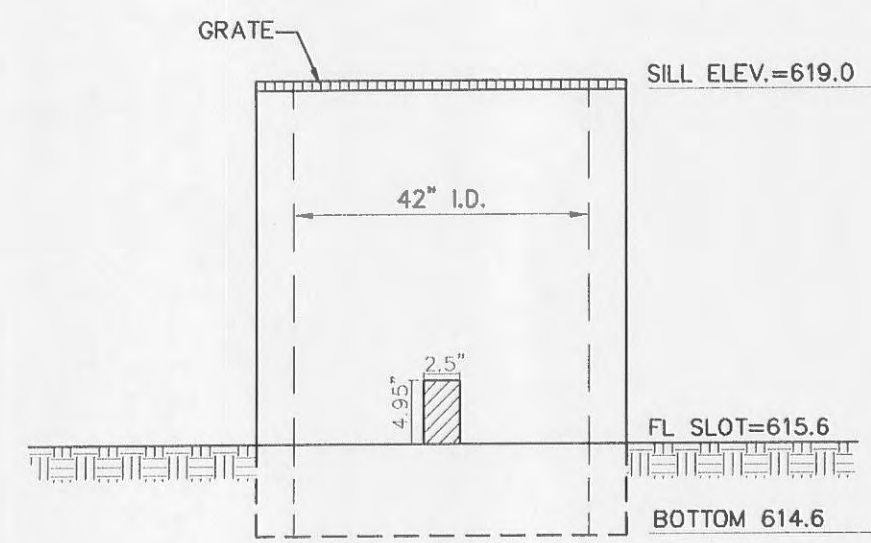


NOTES

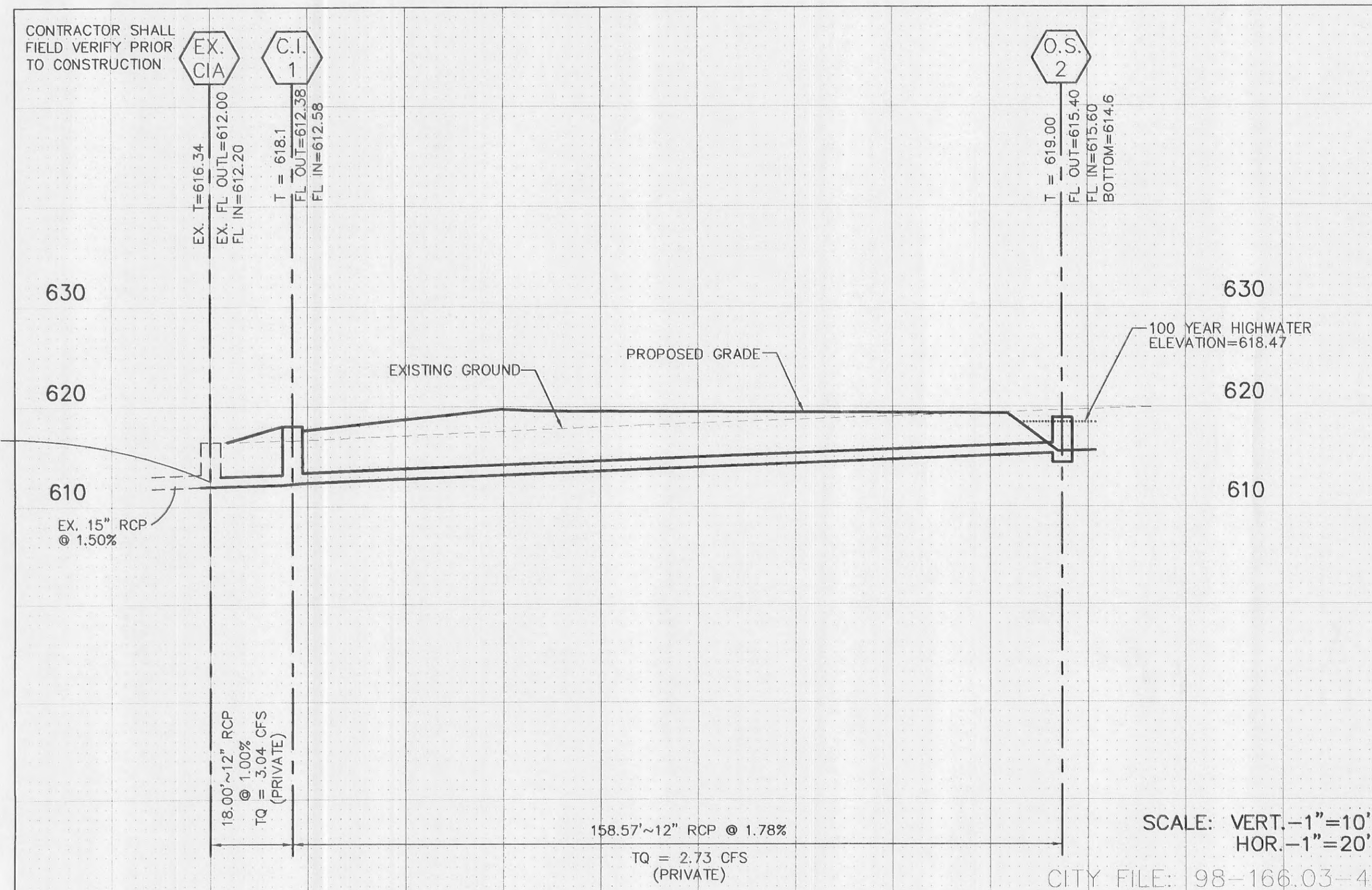
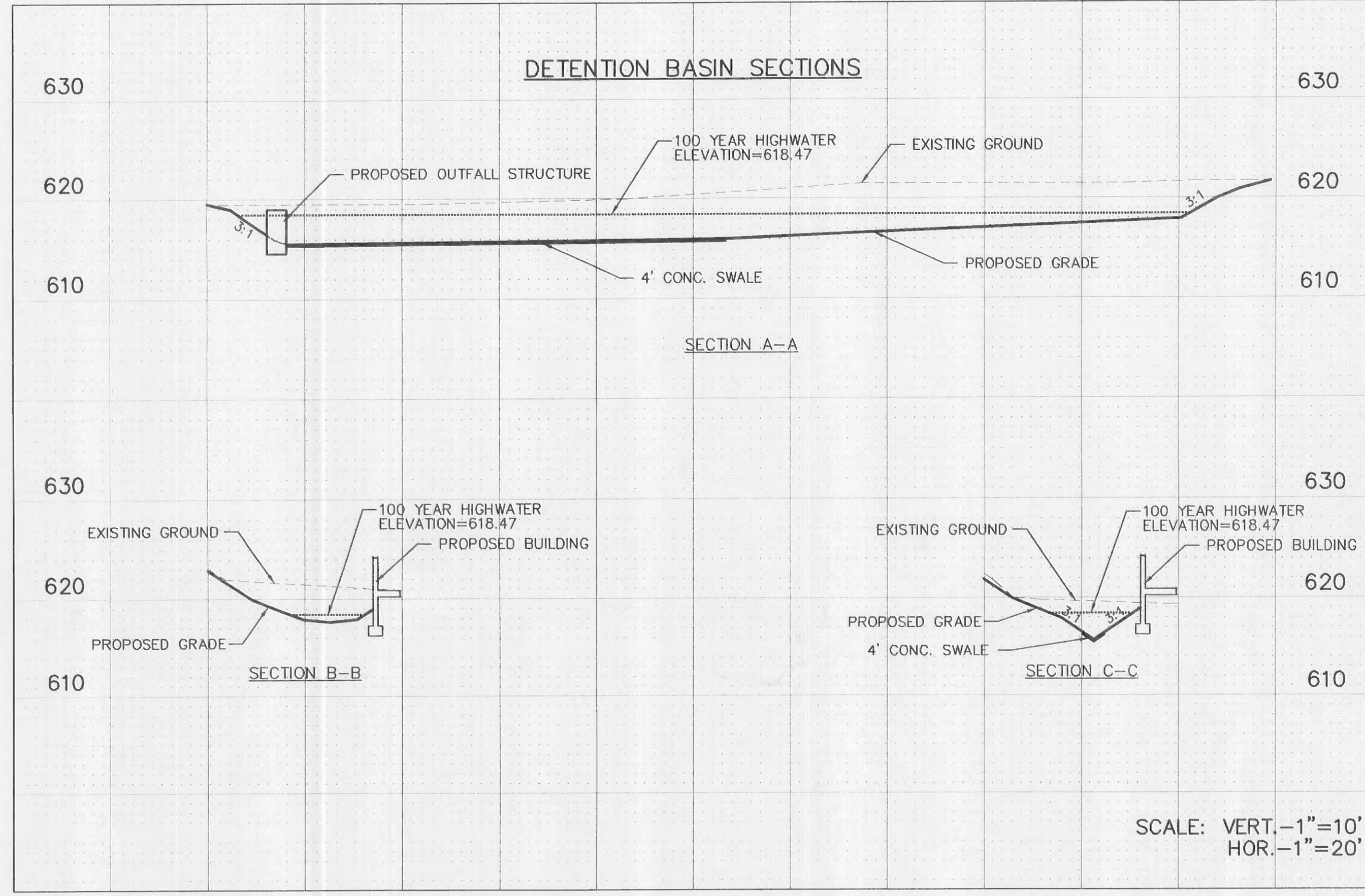
- SET STANDARD INLET STONE IN 3/4" MORTAR BED AND DOBEL WITH 5/8" o 1'-0" PINS AND GROUT.
- RAISE TO FINAL GRADE WITH COURSES OF BRICK AND 3/4" MORTAR BED.
- THIS UNIT TO BE USED WITH 42" LD. POURED IN PLACE CONCRETE OR BRICK BASE.
- 4000 P.S.I. CONCRETE REQUIRED.

PRE-CAST CONCRETE UNIT FOR  
SINGLE CURB INLET

TYPICAL SWALE SECTION  
NTS



OUTFALL STRUCTURE 2  
42" INSIDE DIAMETER STANDPIPE  
WITH GRATE ON SILL



**PICKETT RAY & SILVER**  
383 Mid Rivers Mall Drive  
St. Peters, MO 63376  
Phone (636) 397-1211  
Fax (636) 397-1104

**CIVIL ENGINEERS  
PLANNERS  
LAND SURVEYORS**

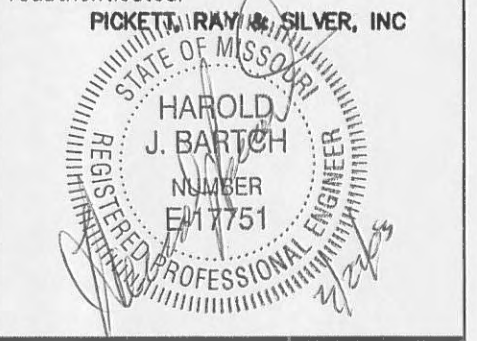
**LOTS 17 & 18 OF  
MIDPOINT INDUSTRIAL PARK**  
OF FALLON, MISSOURI

United Properties  
Of Fallon, MO - 63366  
Source, Suite 124  
(636) 978-5201

Prepared For:  
**Mr. Don Collier, Sr.**

REVISIONS	NO.	DATE	CITY COMMENTS
	1	3.11.03	CITY COMMENTS
	2	3.21.03	CITY COMMENTS
	3	3.27.03	CITY COMMENTS

**ENGINEERS AUTHENTICATION**  
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date unless reauthenticated.



DRAWN	DATE
D.L.S.	01-03-03
CHECKED	DATE
D.W.B.	01-03-03
PROJECT # 88134.UNPR.OOC	
TASK # 1	FIELD BOOK

LOTS 17 & 18 OF  
MIDPOINT INDUSTRIAL PARK  
DETAILS/SEWER PROFILE

SHEET **6** OF **6**

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