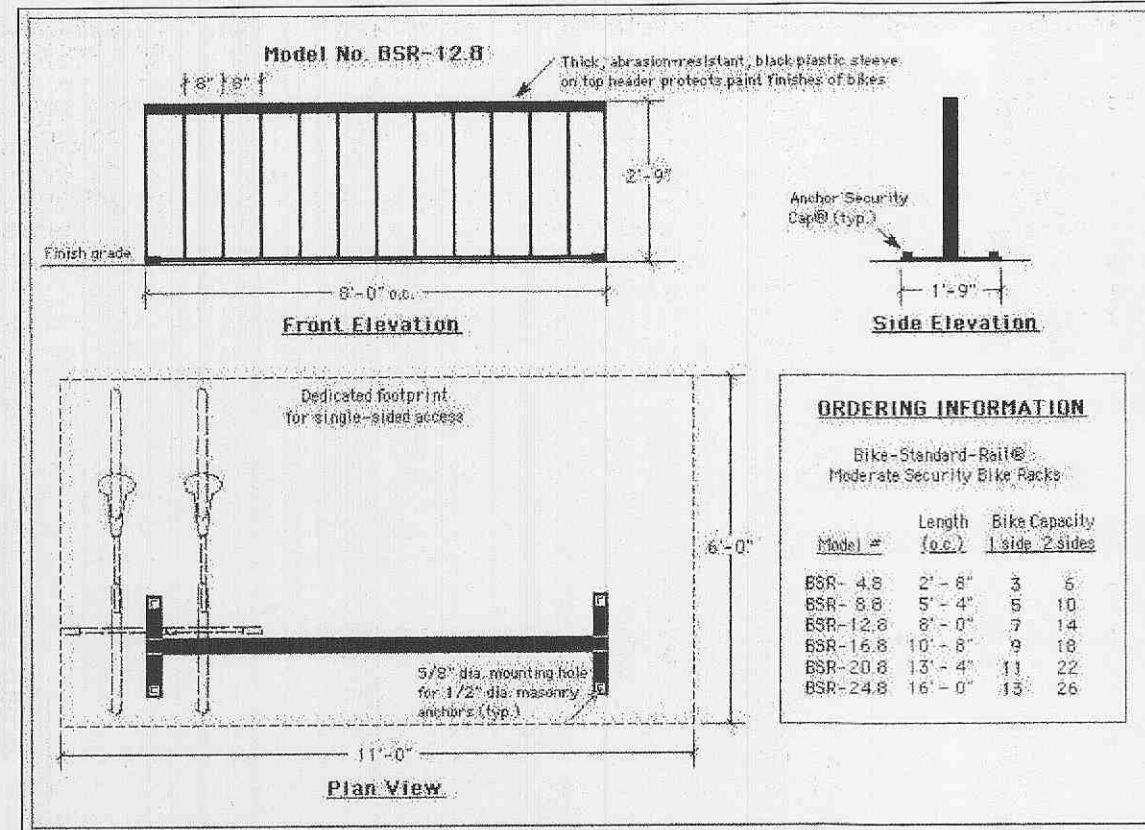
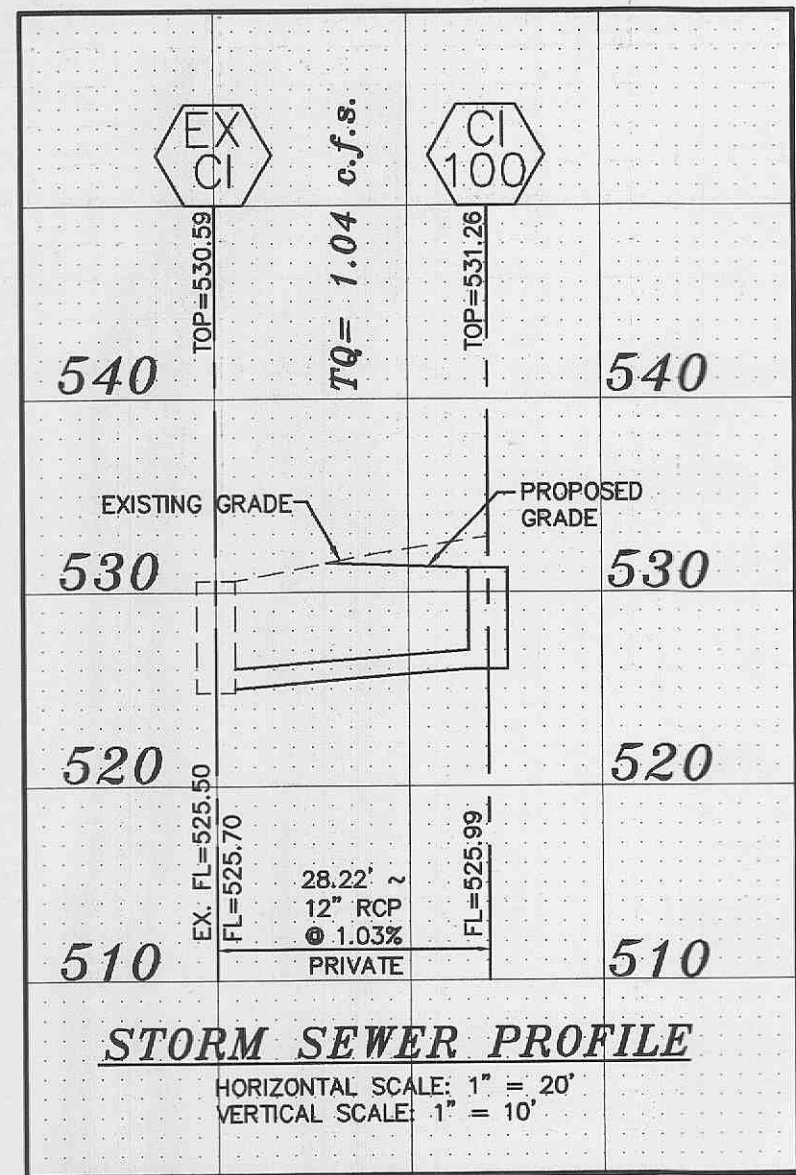




BIKE RACK DETAIL
(OR EQUIVALENT)
NOT TO SCALE

ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
Inside Diameter of Pipe (Inches)	"W" Pipline Width of Trench (Inches)	"W" Pipline Width of Trench (Feet)	Pay-volumes cu. ft. per ft. Concrete Encasement	Inside Diameter of Pipe (Inches)	"W" Pipline Width of Trench (Inches)	"W" Pipline Width of Trench (Feet)	Pay-volumes cu. ft. per ft. 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	5.63	14 X 23	41	3.42	5.94
21	39	3.25	6.61				
24	42	3.50	7.39	19 X 30	49	4.08	7.68
27	45	3.75	8.18	22 X 34	53	4.42	8.61
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
D I S C O N T I N U E D				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	15.67	38 X 60	83	6.92	16.18
54	77	6.42	18.15	43 X 68	92	7.67	18.81
60	84	7.00	20.73	48 X 76	101	8.42	21.59
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	29.39	63 X 98	126	10.50	30.50
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	40.69
102	133	11.08	42.99	82 X 128	160	13.33	44.45
108	140	11.67	46.75	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	58.92				
132	168	14.00	63.27	106 X 166	202	16.83	64.48
144	182	15.17	72.40	116 X 180	218	18.17	73.59

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

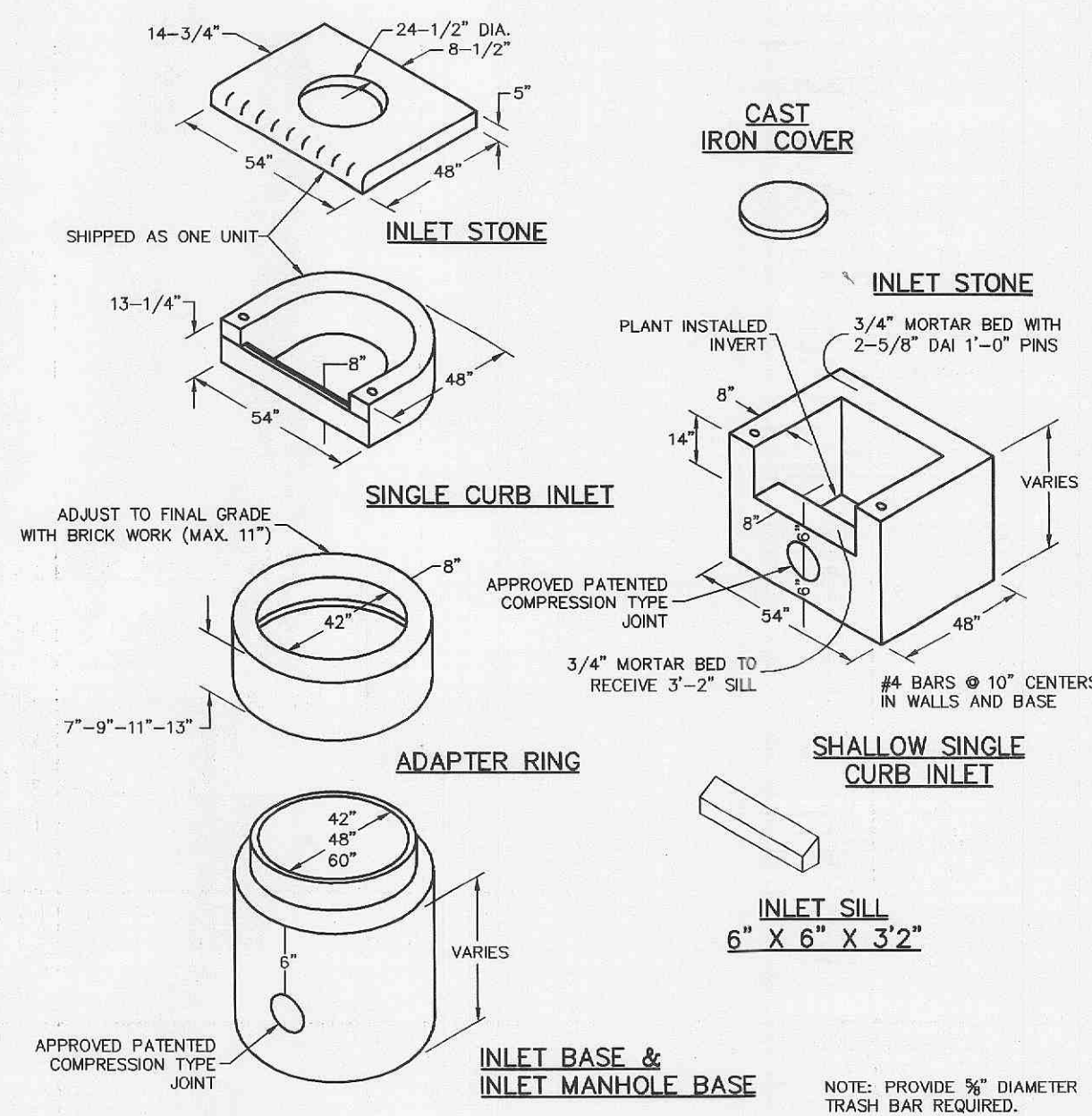


BAX PROJECT NAME : Lot 8 of Peruque Creek
BAX PROJECT NO. : 01-11282K
DESIGN DATE : 4-3-06
DESIGNED BY : ALJ
15 YEAR STORM DESIGN

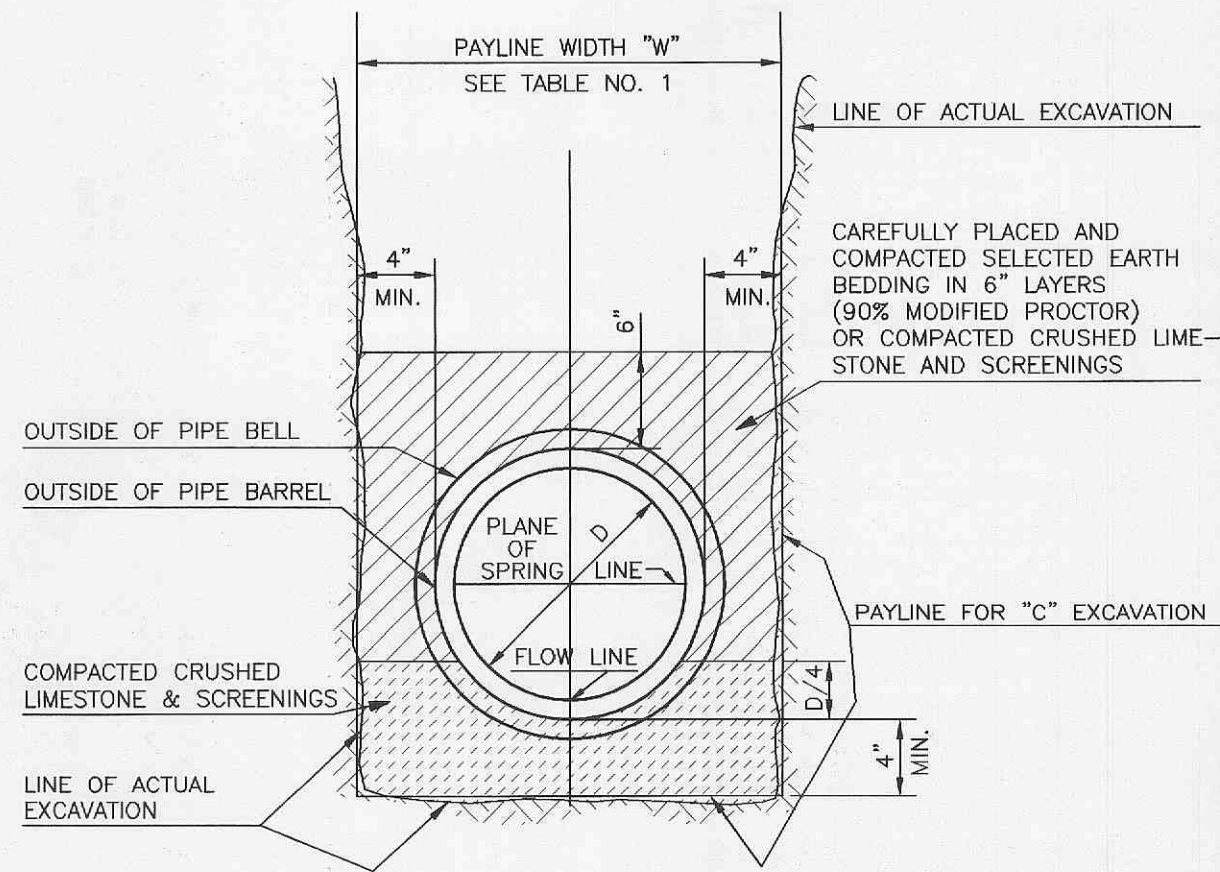
FILENAME: 112823

UPT	LOW	STR	L	DTA	UPT	LOWER	STR	DEPTH	HYDR	FR	VEL	VEL	JUNC	TURN	CURVE	STR	INCL	DR	PT	Q	TQ	PIPE	REMARKS	
FL	FL				FL	FL		YR						LOSS	LOSS			AREA						
EX	EX	EX	28	12	925.99	925.70	1.03	531.26	2.15	528.51	528.26	0.0090	0.02	1.32	0.03	0.00	0.00	0.00	0.00	0.00	1.60	3.61	1	
EX	EX	EX	FE	15	925.50	924.18	1.27	530.59	2.13	528.46	528.26	0.0160	0.17	1.12	0.07	0.06	0.00	0.00	0.00	0.00	2.40	7.30	2	HW=528.23

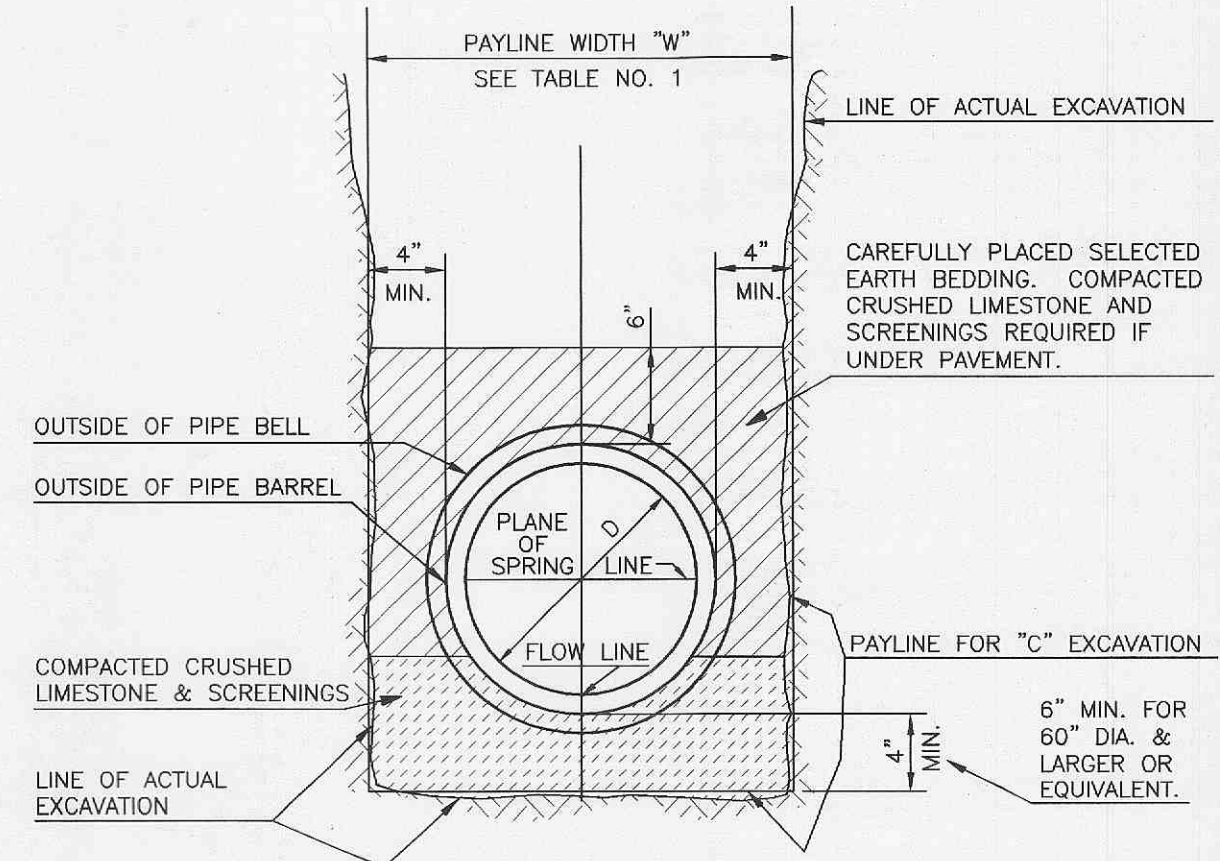
* INDICATES CRITICAL DEPTH



SINGLE STREET INLETS
PRECAST CONCRETE
NOT TO SCALE



PIPE BEDDING CLASS "C"
(FOR ALL PIPE EXCEPT
REINFORCED CONCRETE PIPE)



PIPE BEDDING CLASS "C"
(MODIFIED FOR REINFORCED
CONCRETE PIPE)

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE LOCATED PRIOR TO ANY GRADING OR CONSTRUCTION OF THE IMPROVEMENTS.

O'FALLON #2001.12
March 16, 2006