

SINGLE STREET INLETS
PRECAST CONCRETE
NOT TO SCALE

BAX PROJECT NAME : An Office Building
BAX PROJECT NO. : 95-6789E
DESIGN DATE : 10-4-04
DESIGNED BY : ALJ
15 Year Design Storm

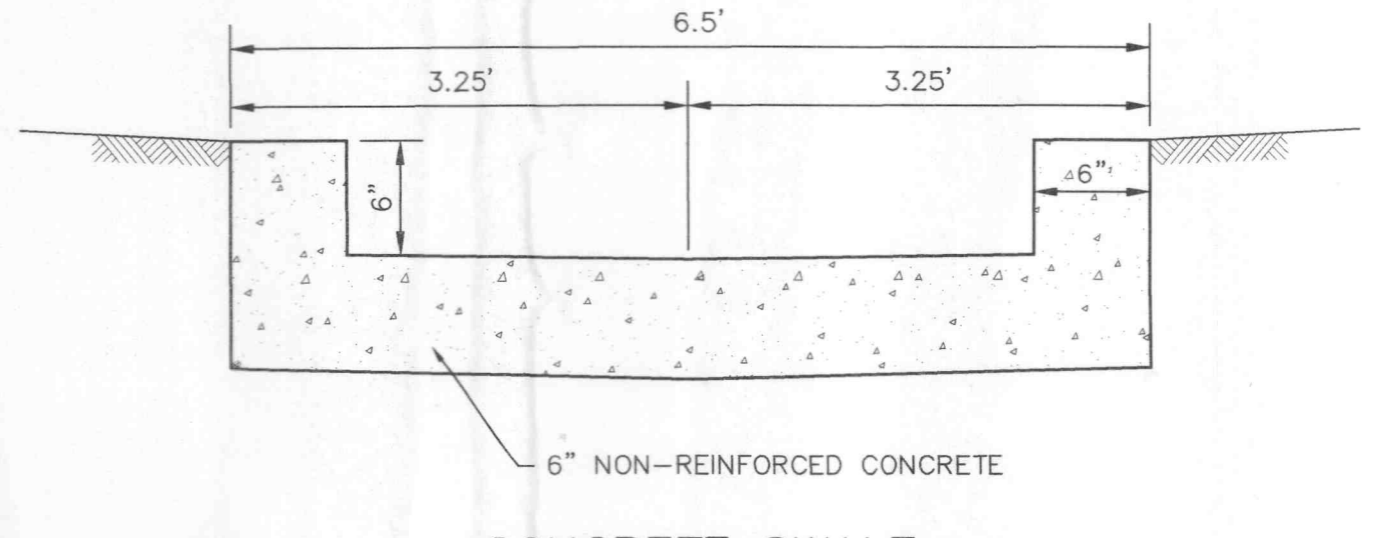
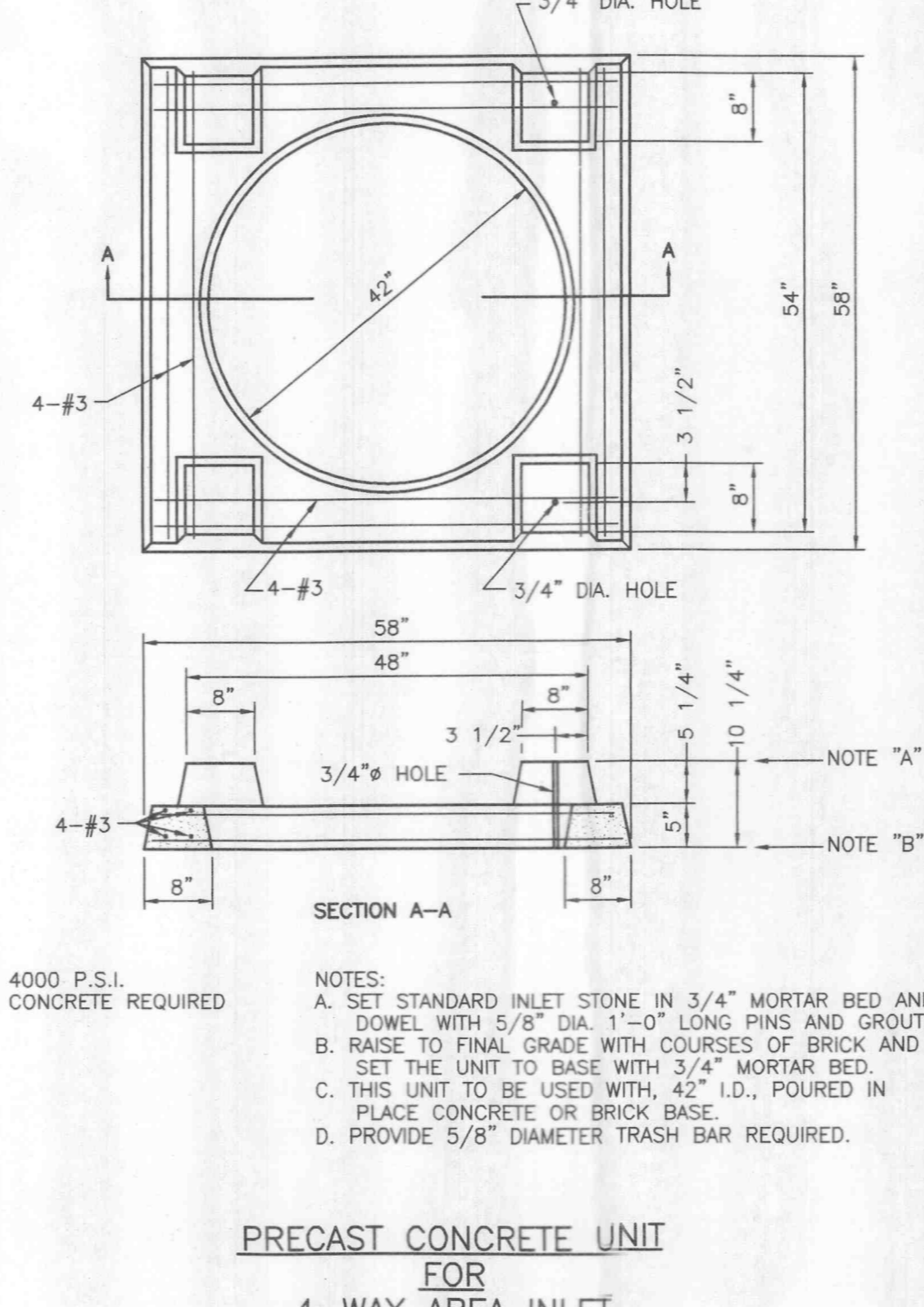
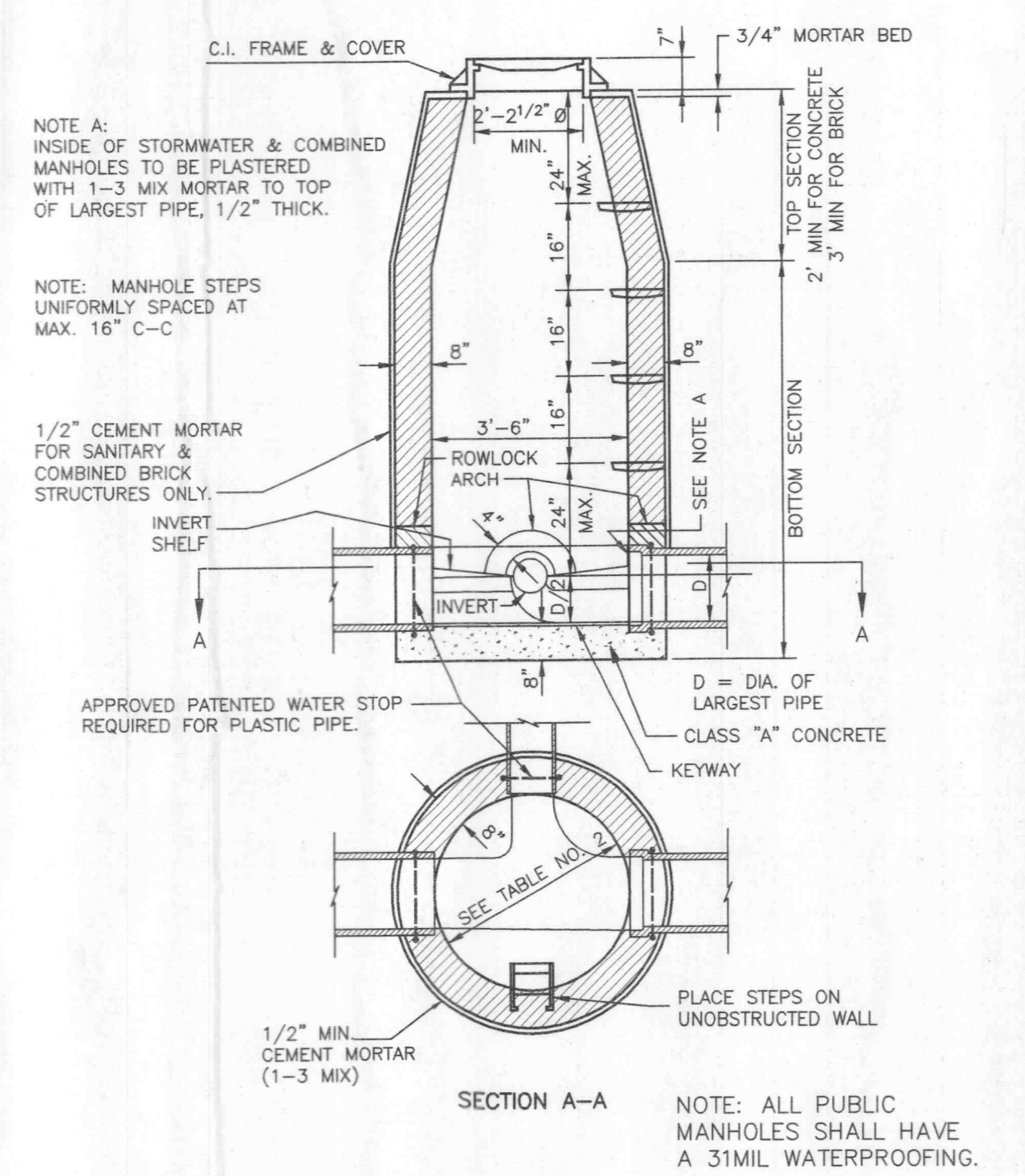
FILENAME: 6789e

UPP STR	LOW STR	L	DIA	UPPER FL LN	LOWER FL LN	PS	UPPER ST EL	DEPTH HY CR	UPPER HY EL	LOWER HY EL	HYDR FR	VEL HEAD	VEL HEAD	JUNC LOSS	TURN LOSS	TQ	P1P5 CAP	REMARKS	
CI 114	MH 113	68	12	573.68	571.89	2.64	577.68	3.12	574.56	573.71	.00860	0.58	4.20	0.27	0.27	0.00	3.30	5.78	1
MH 113	MH 112	11	12	571.69	571.53	1.45	579.30	5.59	573.71	573.56	.00860	0.09	4.20	0.27	0.03	0.03	3.30	4.29	2
MH 112	CI 111	58	30	571.33	571.04	0.50	579.53	5.97	573.56	573.54	.00020	0.01	1.13	0.02	0.00	0.01	5.53	29.03	3
CI 111	MH 100	49	30	570.84	570.48	0.74	578.90	5.85	573.05	572.98	.00040	0.02	1.59	0.04	0.04	0.01	7.79	35.26	4
HW=572.98																			
AI 108	MH 103	29	12	573.81	573.52	1.01	579.42	4.41	575.01	575.01	.00000	0.00	0.19	0.00	0.00	0.00	0.15	3.58	5
CI 110	MH 109	40	30	582.18	577.60	11.51	588.27	6.09	582.18*	580.10	.00000	0.00	0.02	0.00	0.00	0.00	0.12	139.16	6
MH 109	MH 102	87	30	577.40	573.12	4.92	589.30	11.90	577.40*	575.62	.00000	0.00	0.02	0.00	0.00	0.00	0.12	90.97	7
TD 107	MH 101	53	12	579.29	578.24	2.00	582.61	3.06	579.55*	579.24	.00050	0.02	0.98	0.01	0.01	0.00	0.77	5.04	8
FE 106	MH 105	95	15	584.96	575.67	9.76	585.96	0.72	585.24*	576.92	.00080	0.07	1.44	0.03	0.03	0.00	1.77	20.18	9
MH 105	AI 104	50	15	575.47	574.97	1.01	584.50	8.20	576.30	576.22	.00080	0.04	1.44	0.03	0.02	0.02	1.77	6.49	10
AI 104	MH 103	122	15	574.77	573.52	1.03	579.35	4.05	575.30*	575.01	.00150	0.18	2.04	0.06	0.05	0.01	2.50	6.55	11
MH 103	MH 102	17	15	573.32	573.12	1.17	580.50	5.49	575.01	574.97	.00170	0.03	2.16	0.07	0.01	0.00	2.65	6.99	12
MH 102	MH 101	32	30	572.92	572.42	1.35	585.00	10.03	574.97	574.92	.00000	0.00	0.56	0.00	0.00	0.05	2.77	51.00	13
MH 101	MH 100	126	30	572.22	570.48	1.38	582.40	9.39	573.01	572.98	.00010	0.01	0.72	0.01	0.01	0.01	3.54	48.12	14
HW=572.98																			

* INDICATES CRITICAL DEPTH

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

ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
Inside Diameter of Pipe (Inches)	Payline Width of Trench (Inches)	Pay-volume cu. ft. per ft. of Pipe (Concrete Encasement)	Pay-volume cu. ft. per ft. of Concrete Encasement	Inside Diameter of Pipe (Inches)	Payline Width of Trench (Inches)	Pay-volume cu. ft. per ft. of Pipe (Concrete Encasement)	Pay-volume cu. ft. per ft. of 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
39	60	4.92	12.43	32 X 49	71	5.92	13.14
42	63	5.25	13.38	34 X 53	75	6.25	14.05



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