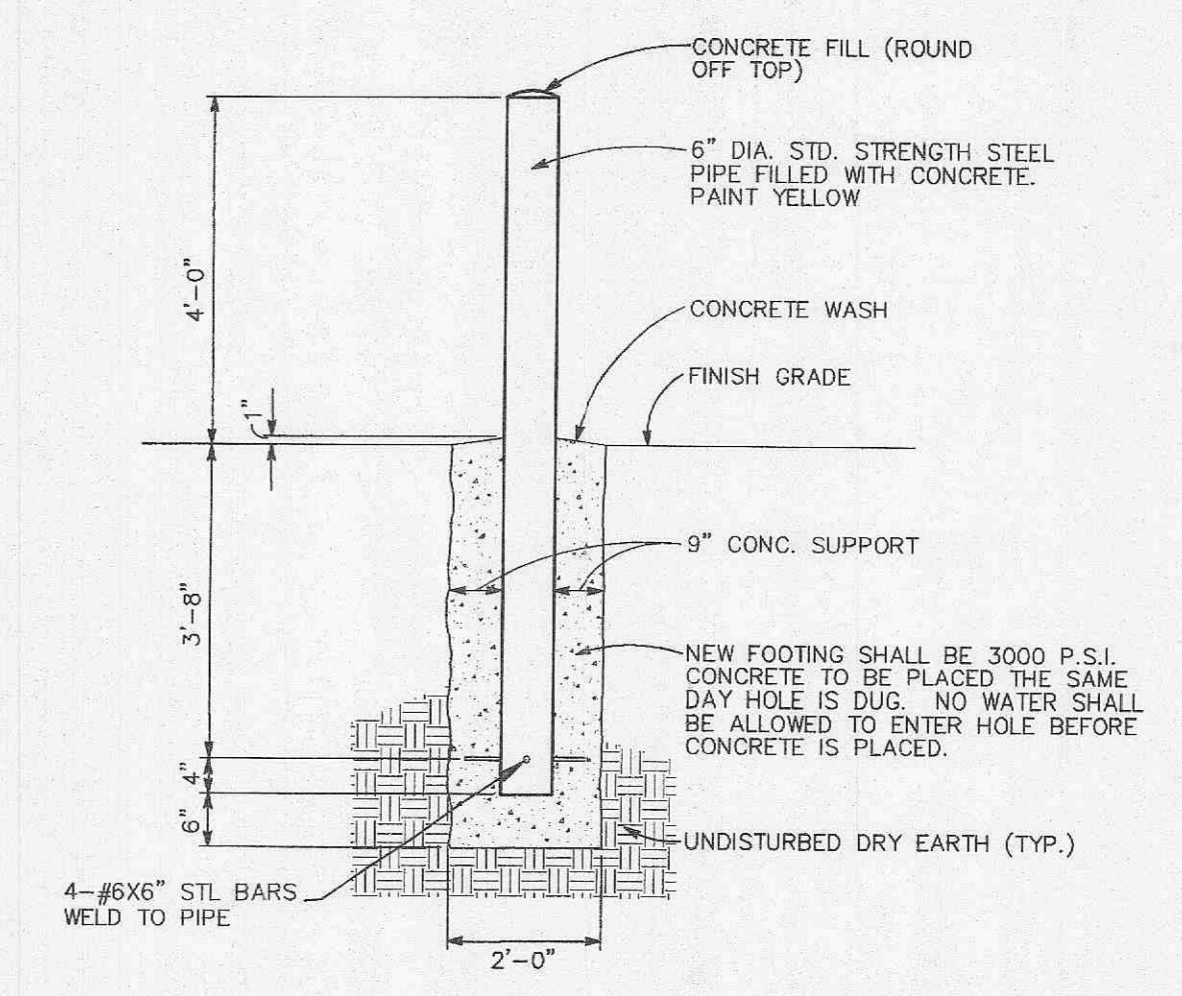
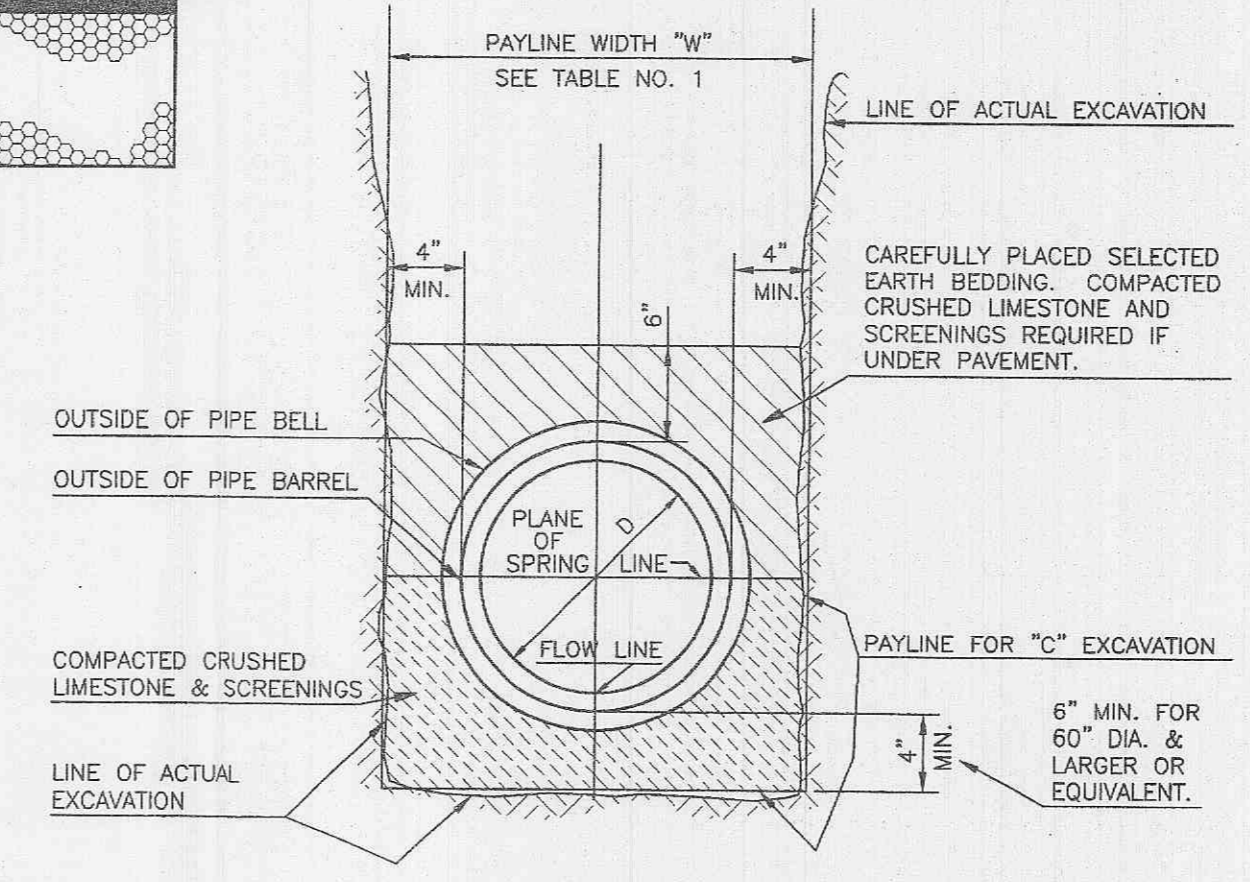
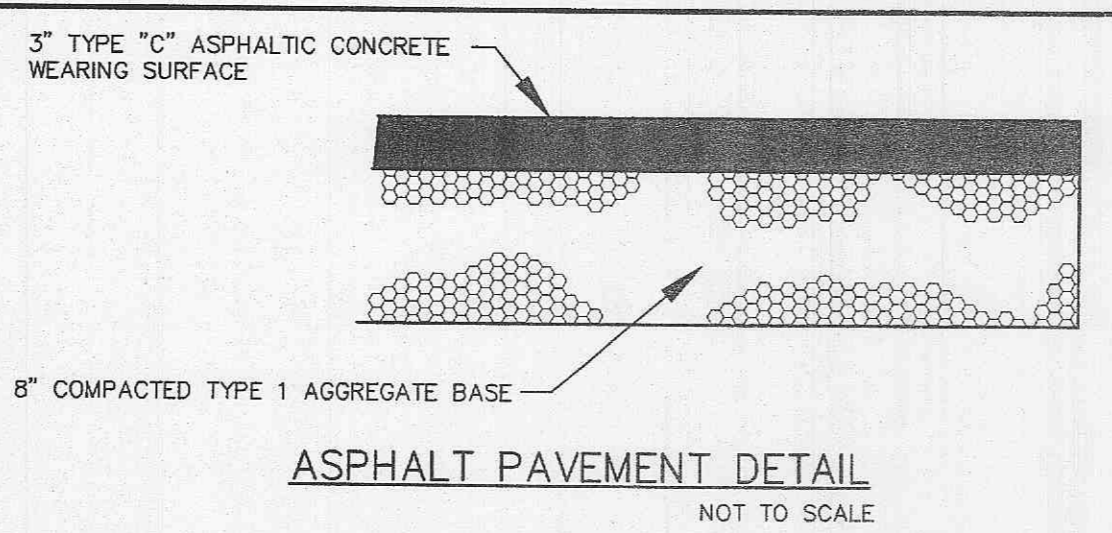
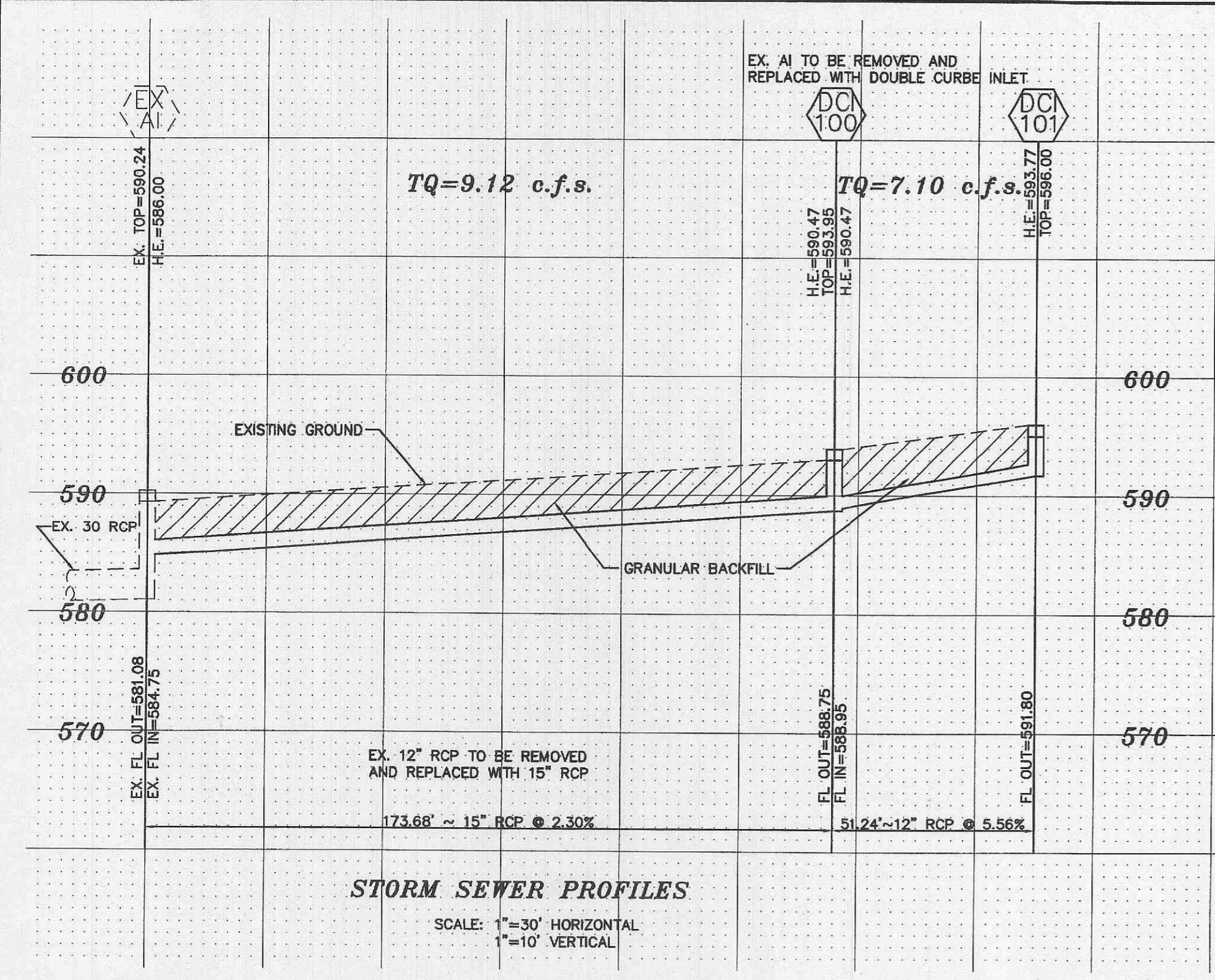


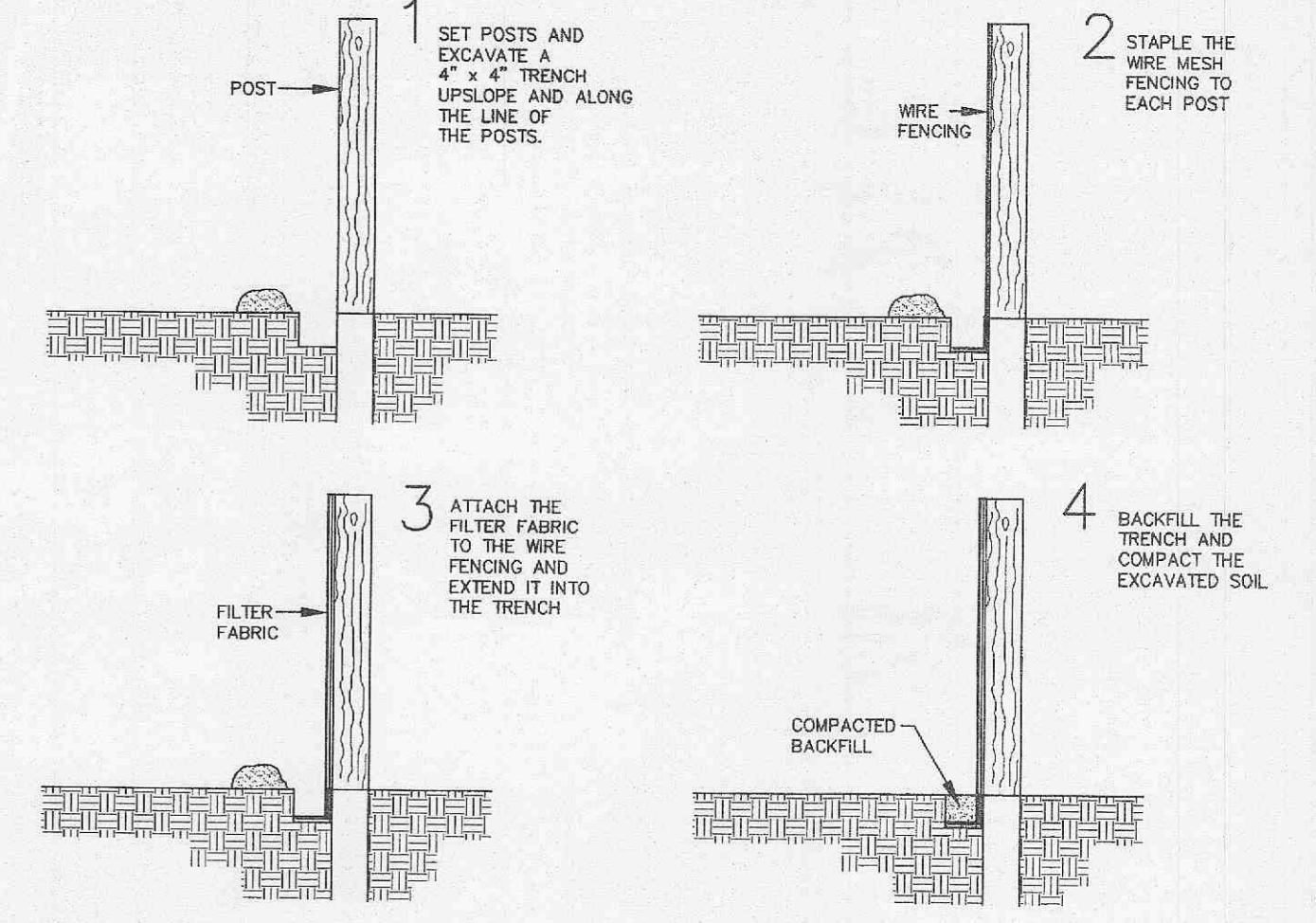
REVISIONS:
 08/31/05 PER CITY COMMENTS



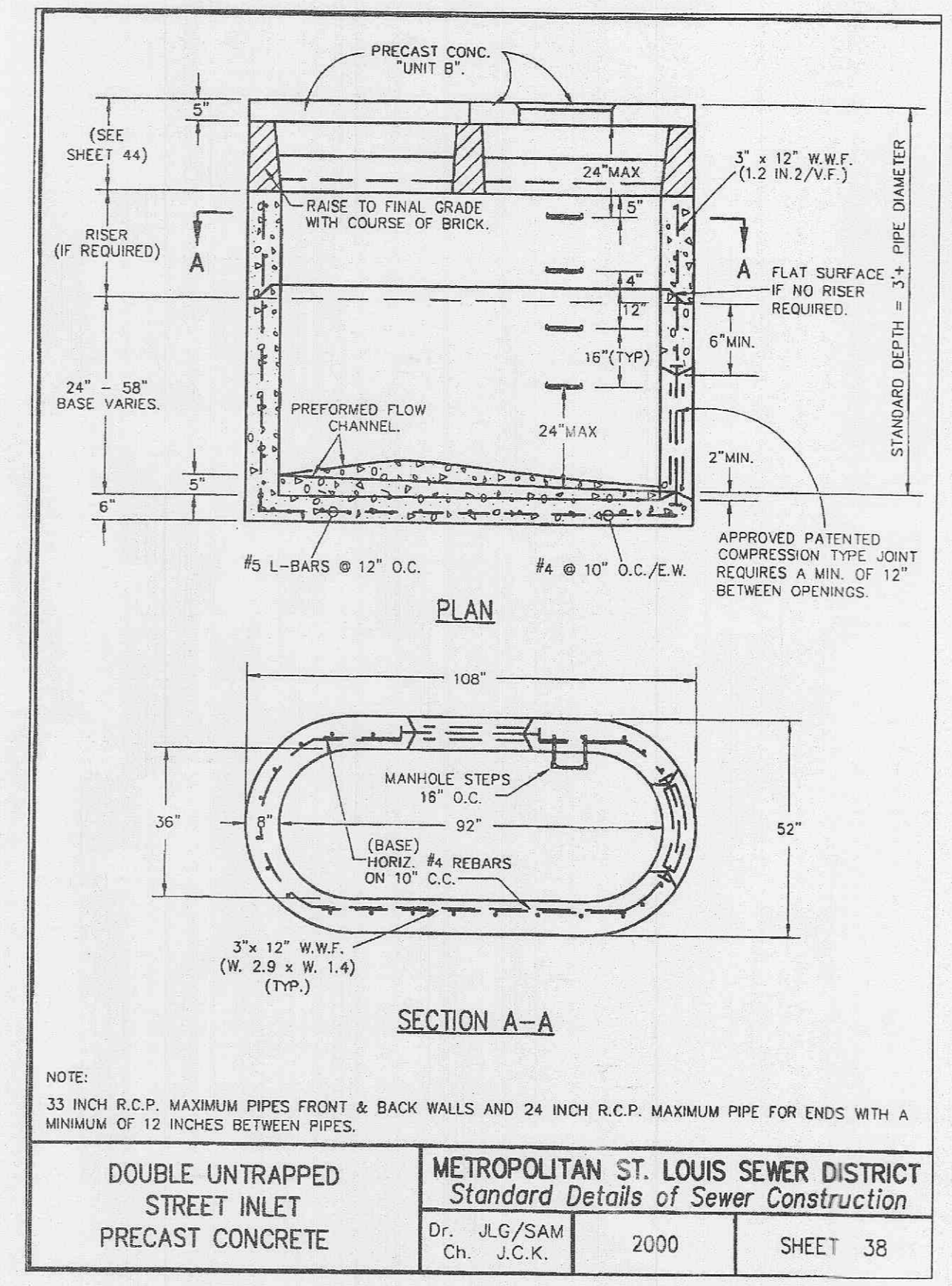
FILENAME: 6486B

UPP STR	LOW STR	L	DIA	UPPER FL LN	LOWER FL LN	PS	UPPER ST EL	DEPTH HY GR	UPPER HY EL	LOWER HY EL	HYDR GRADE	FR HEAD	VEL	VEL HEAD	JUNC LOSS	TURN LOSS	CURVE LOSS	STR GRADE	INL CAP	DR AREA	PI	Q	TQ	PIPE CAP	REMARKS
dcl 101dcl 100	51	12	12	591.80	588.95	5.56	596.00	2.23	593.77	590.47	.03970	2.03	9.04	1.27	1.27	0.00	0.00	low	8.00	1.93	3.68	7.10	7.10	8.40	1
dcl 100ex a1	174	15	15	588.75	584.75	2.30	593.95	3.48	590.47	586.00	.01990	3.46	7.43	0.86	0.37	0.64	0.00	low	8.00	0.53	3.81	2.02	9.12	9.80	2

* INDICATES CRITICAL DEPTH



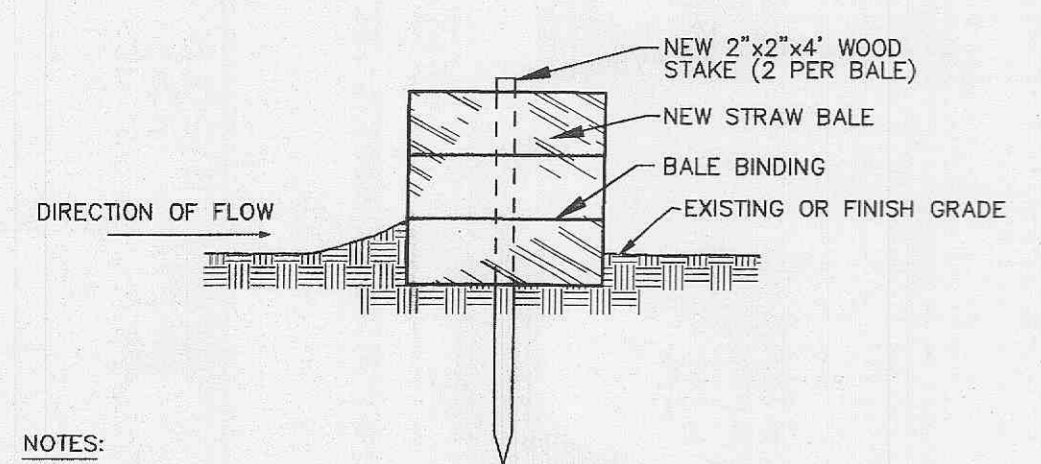
1. FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
2. SHOULD THE FABRIC DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY HALF THE HEIGHT OF THE BARRIER.
4. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.



DOUBLE UNTRAPPED STREET INLET PRECAST CONCRETE
 METROPOLITAN ST. LOUIS SEWER DISTRICT
 Standard Details of Sewer Construction
 Dr. J.L.G./SAM Ch. J.C.K. 2000 SHEET 38

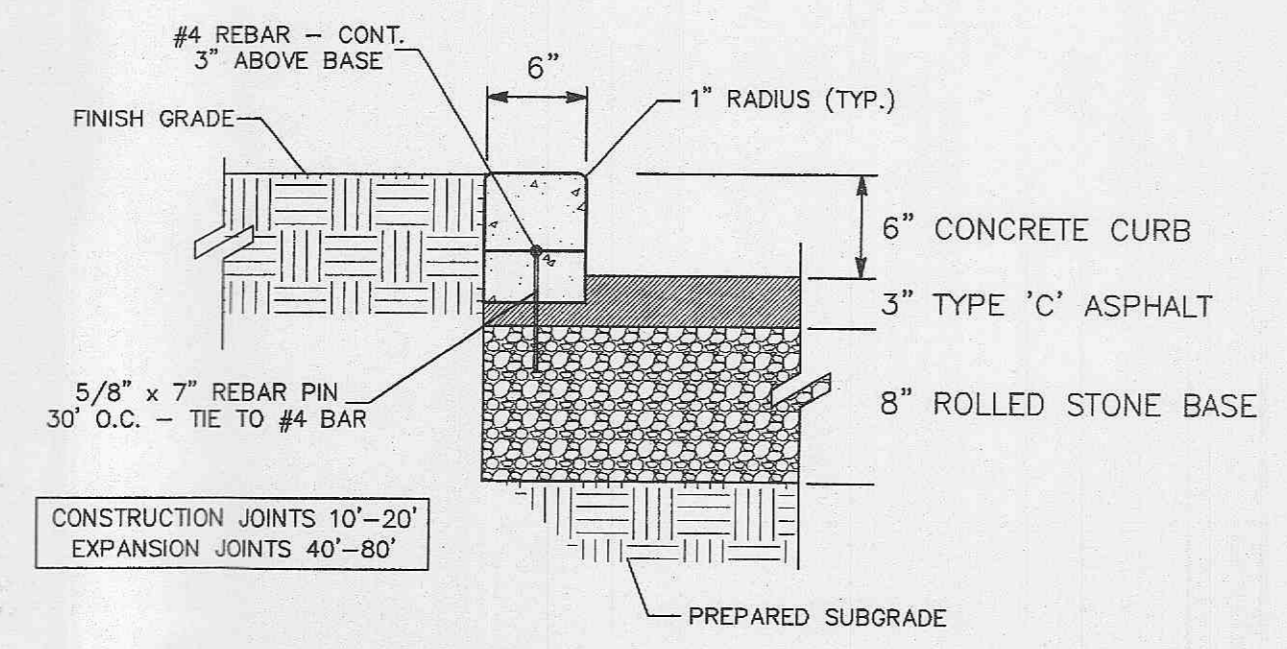
ROUND PIPE			
Inside Diameter of Pipe (Inches)	"W" Payline Width of Trench (Inches)	"W" Payline Width of Trench (Feet)	Pay-volumes cu. ft. per ft. Concrete Encasement
4	28	2.33	3.20
6	28	2.33	3.46
8	28	2.33	3.70
10	28	2.33	3.86
12	28	2.33	3.98
15	32	2.67	4.89
18	35	2.92	5.63
21	39	3.25	6.61
24	42	3.50	7.39
27	45	3.75	8.18
30	49	4.08	9.30
33	53	4.42	10.53
36	56	4.67	11.43

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



- NOTES:
1. STRAW BALES, NOT HAY BALES SHALL BE USED
 2. BUTT ENDS OF BALES TIGHTLY TOGETHER.
 3. INSTALL BALES WITH BINDING AROUND SIDES, NOT TOP AND BOTTOM.
 4. FILL ANY GAP BETWEEN BALES BY WEDGING LOOSE STRAW BETWEEN THEM.

SEDIMENT BARRIER
 NOT TO SCALE



EXTRUDED CURB DETAIL (ALTERNATE)
 NOT TO SCALE

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.