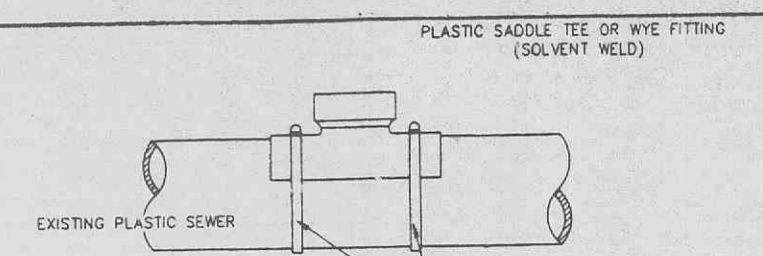


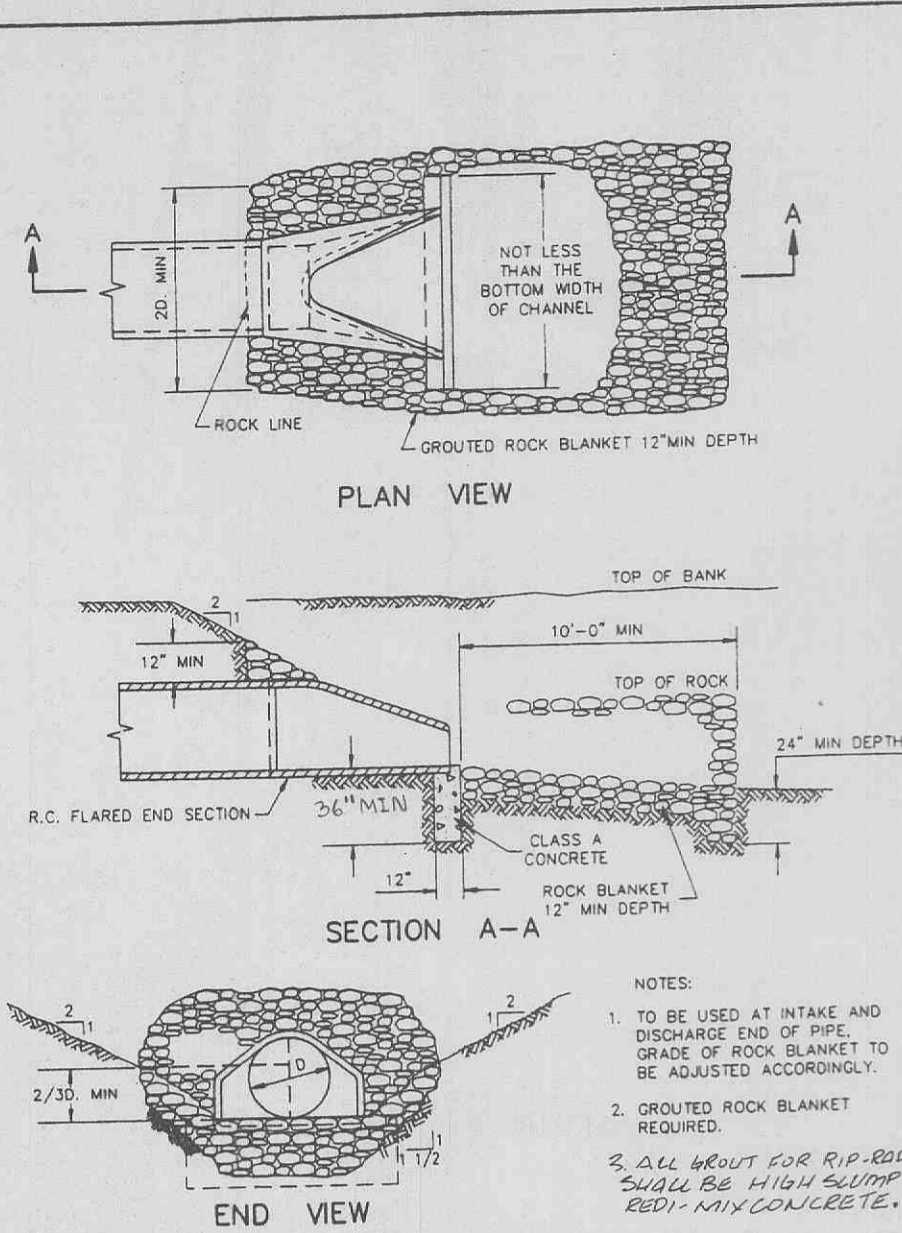
CONSTRUCTION DETAILS



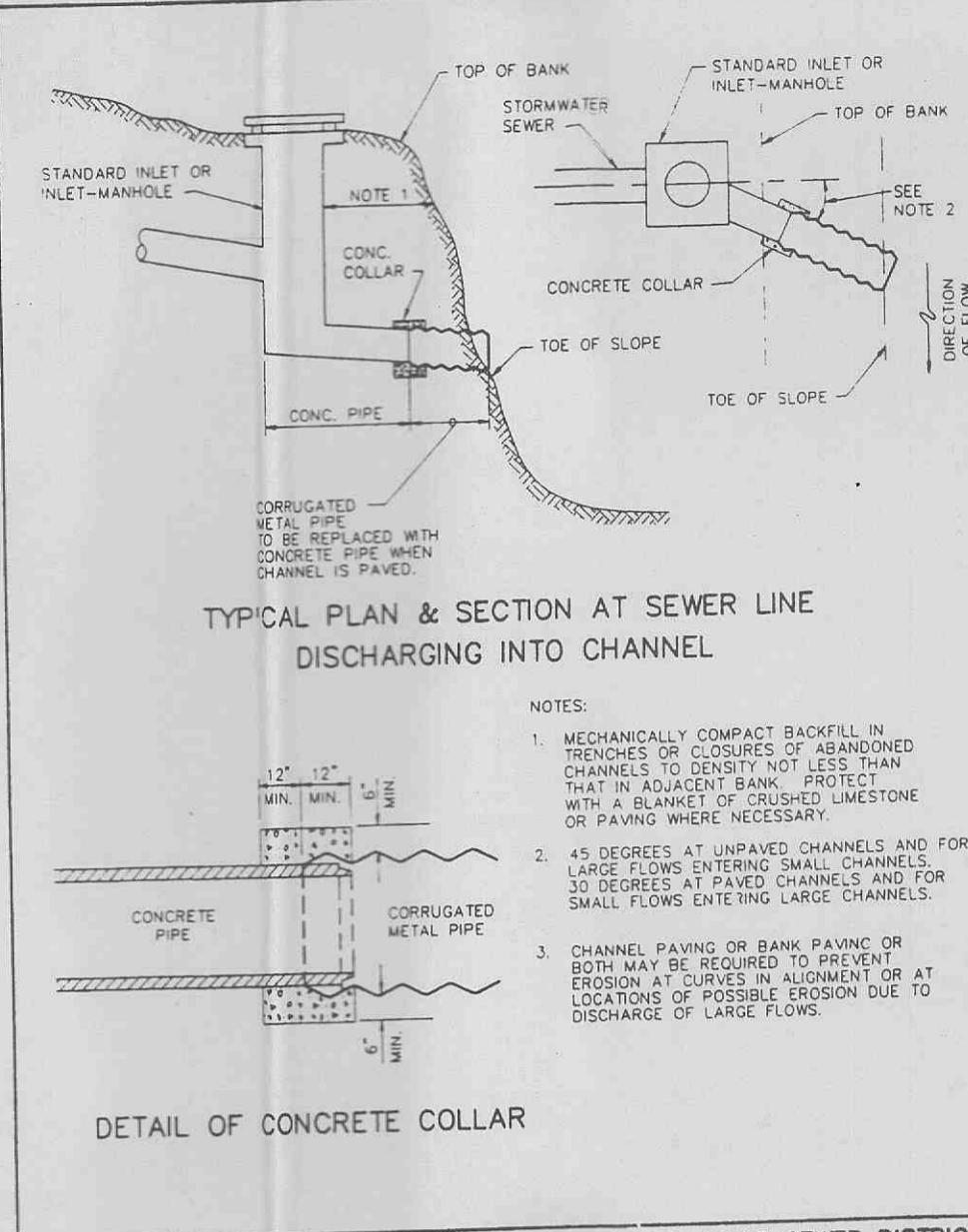
WHEN A CONNECTION TO A PLASTIC PIPE IS ALLOWED AND A CONNECTION IS LARGER THAN 6" IN DIAMETER, A SOLVENT WELD WYE OR TEE FITTING OF A SIMILAR MATERIAL MUST BE USED. (EXAMPLE: 10" X 8" TEE IS ACCOMPLISHED BY CAREFULLY CUTTING A HOLE WITH A SAW IN THE MAIN AT THE REQUIRED LOCATION, AFTER CUTTING AND SHAPING THE HOLE TO THE SIZE OF THE FITTING, THE FOLLOWING STEPS SHOULD BE TAKEN:

1. CLEAN AND DRY BOTH INSIDE SADDLE WYE SURFACE AND PIPE SURFACE TO BE SOLVENT CEMENTED.
2. IMPORTANT: APPLY A LIBERAL HEAVY COAT OF ONE-STEP SOLVENT CEMENT TO THE INSIDE SURFACE OF THE SADDLE WYE AND TO THE EXTERIOR WELDING SURFACE TO THE PIPE.
3. WITHOUT DELAY, Wipe the surfaces and strap down tightly. A bead of solvent cement off pipe and saddle.
4. USING A RAG OR PAPER TOWEL, Wipe BEAD AND ANY EXCESS SOLVENT CEMENT OFF PIPE AND SADDLE.
5. ALLOW 30-60 MINUTES FOR SET-UP BEFORE BACKFILLING. CURE TIME DEPENDS ON SIZE FIT OF MATERIALS BEING INSTALLED AND VARIOUS COLD DAMP CONDITIONS.
6. DISCARD OLD SOLVENT IF IT BECOME GELLED OR LUMPY.
7. A CLEAN, DRY BEDDING MATERIAL IS REQUIRED AROUND THE COMPLETED CONNECTION BEFORE BACKFILLING. THE BEDDING MATERIAL SHOULD BE ONE OF THE FOLLOWING:
 - A. M.S.D. #1 BEDDING
 - B. 1 TO 3 CEMENT TO SAND MIX
 - C. PRE-MIX CONCRETE

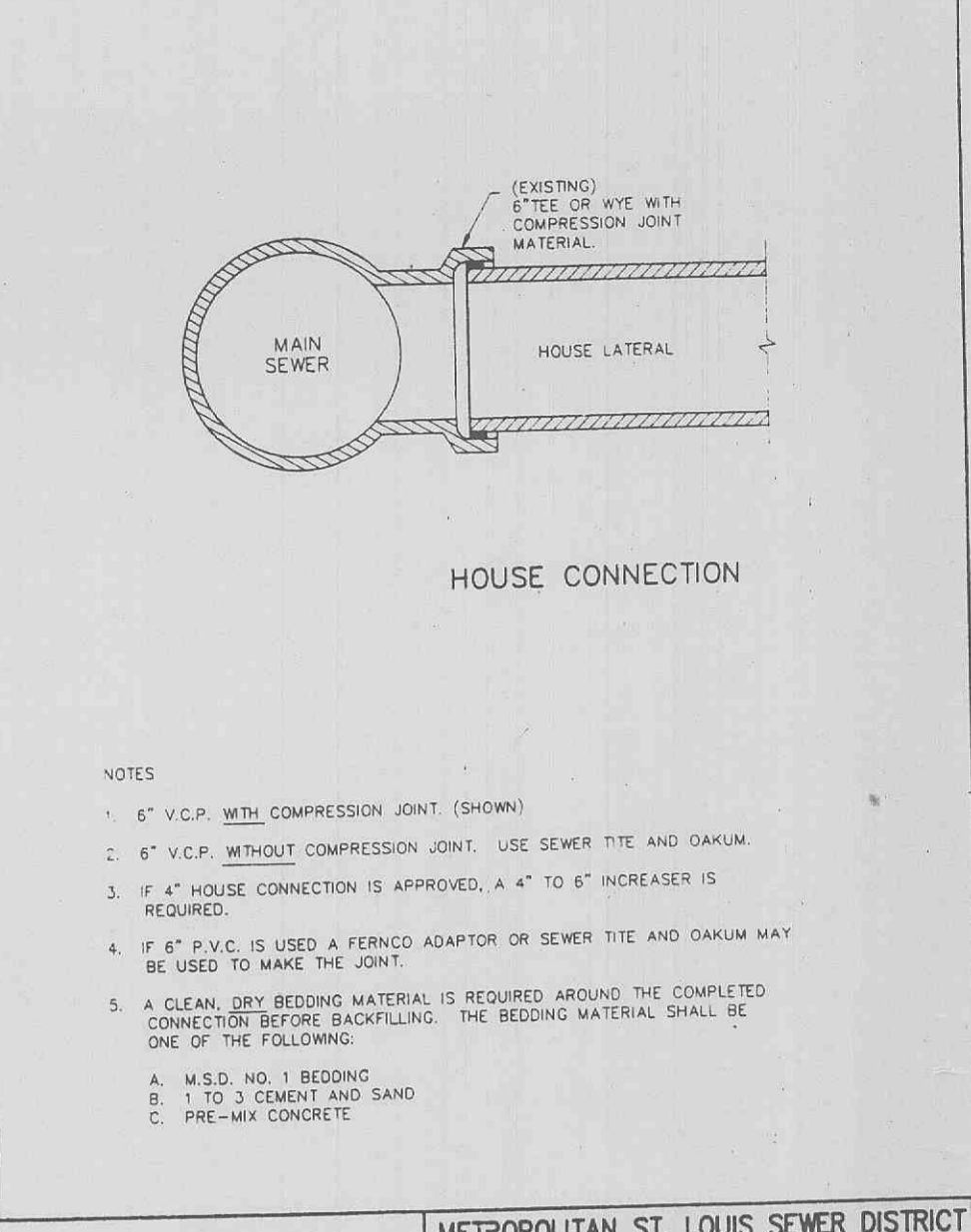
8" (& LARGER) CONNECTION TO PLASTIC MAIN	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. D.A.B. Ch. J.C.K.	1992	SHEET 62



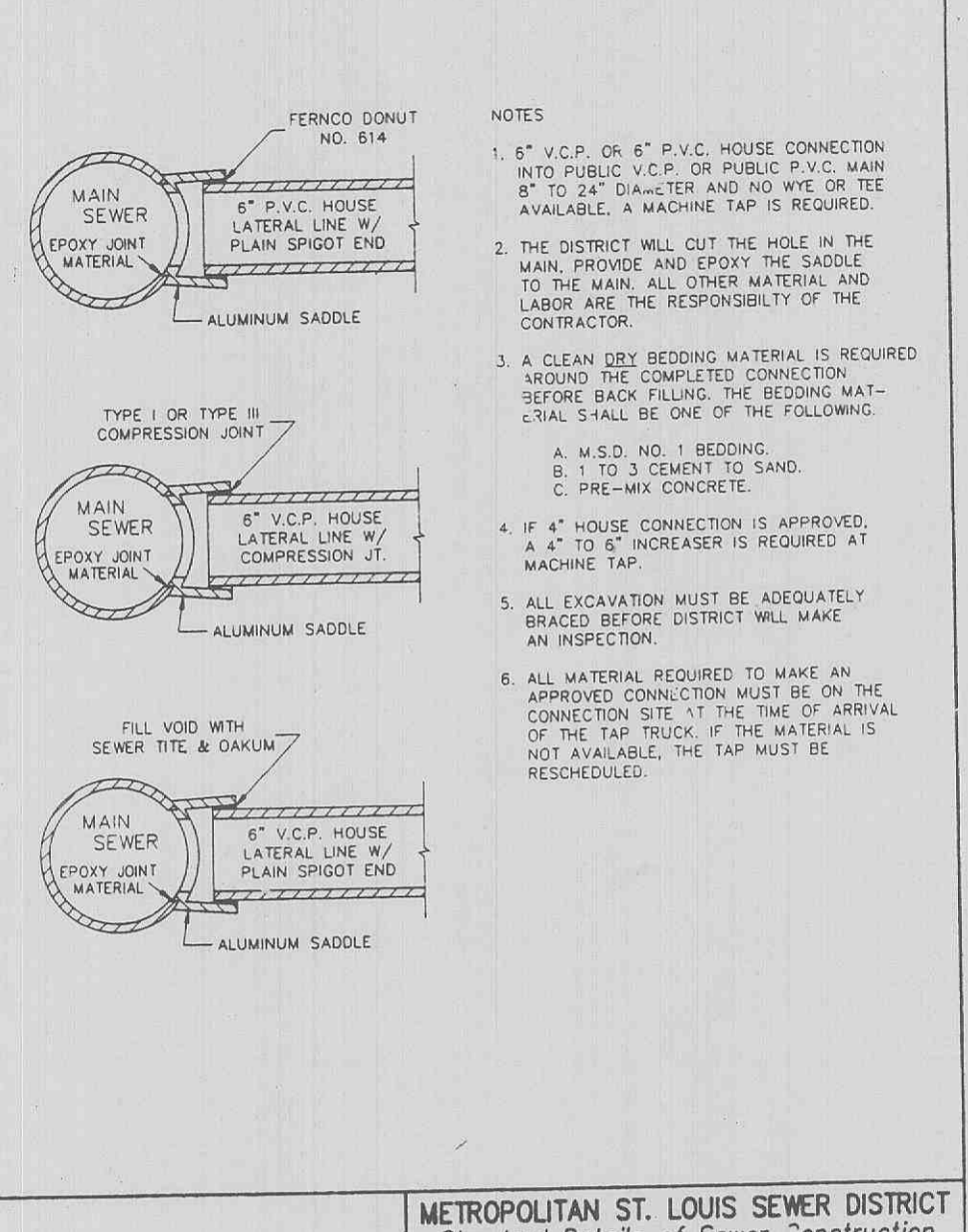
FLARED END SECTION	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. W.S.H. Ch. J.C.K.	1992	SHEET 57



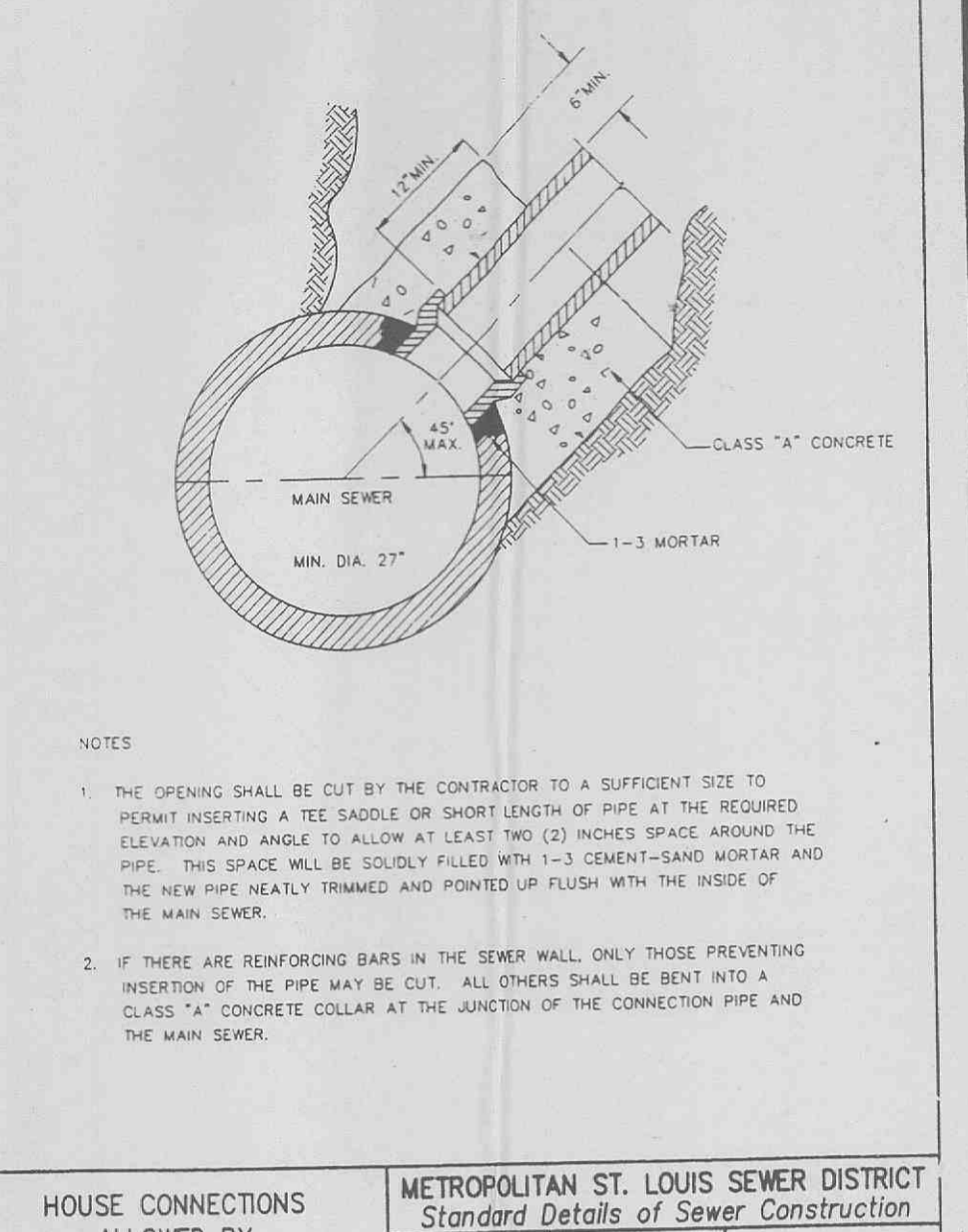
STORMWATER CHANNELS	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. R.G.W. Ch. J.C.K.	1992	SHEET 58



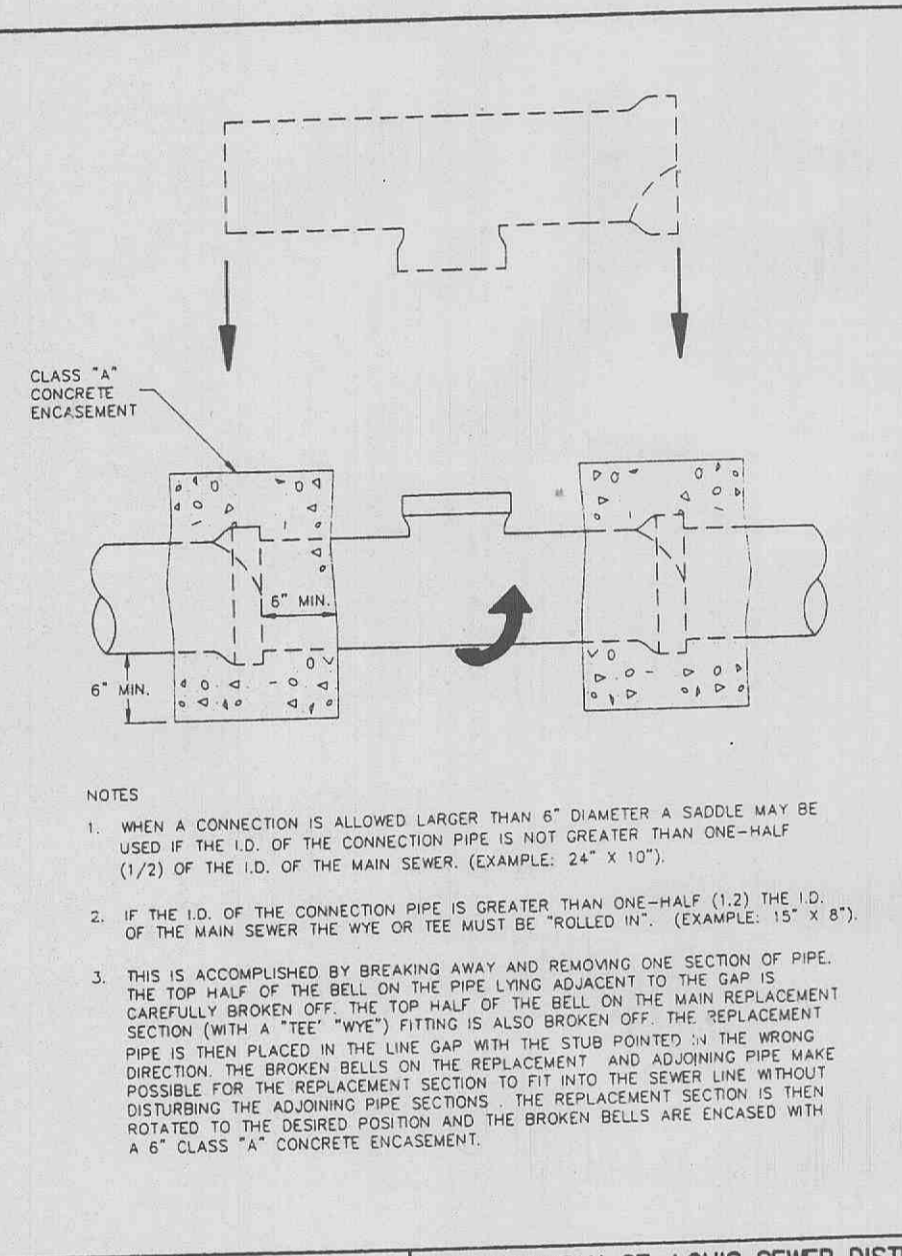
HOUSE CONNECTION TO EXISTING TEE OR WYE	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. D.A.B. Ch. J.C.K.	1992	SHEET 59



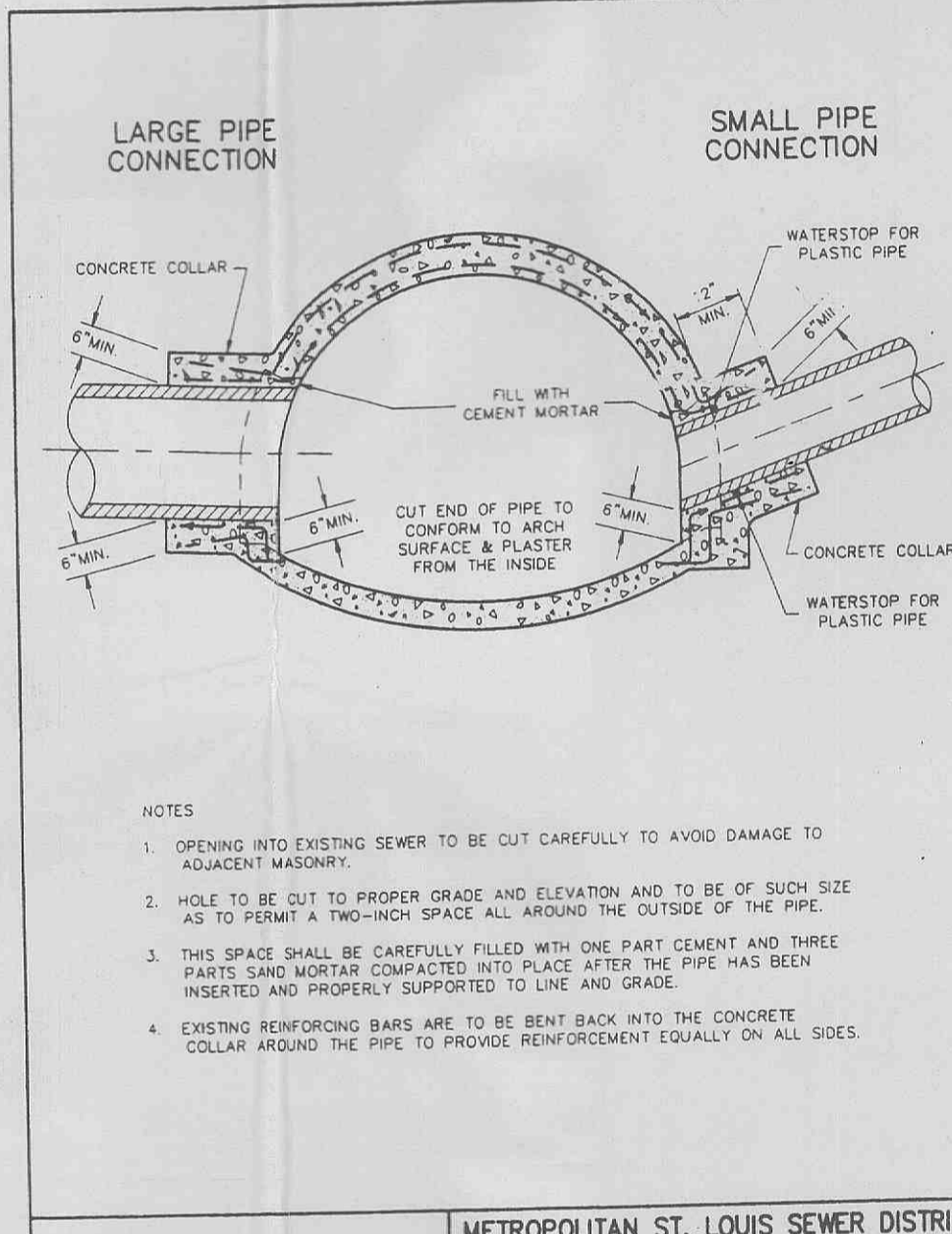
MACHINE TAP	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. W.S.H. Ch. J.C.K.	1992	SHEET 60



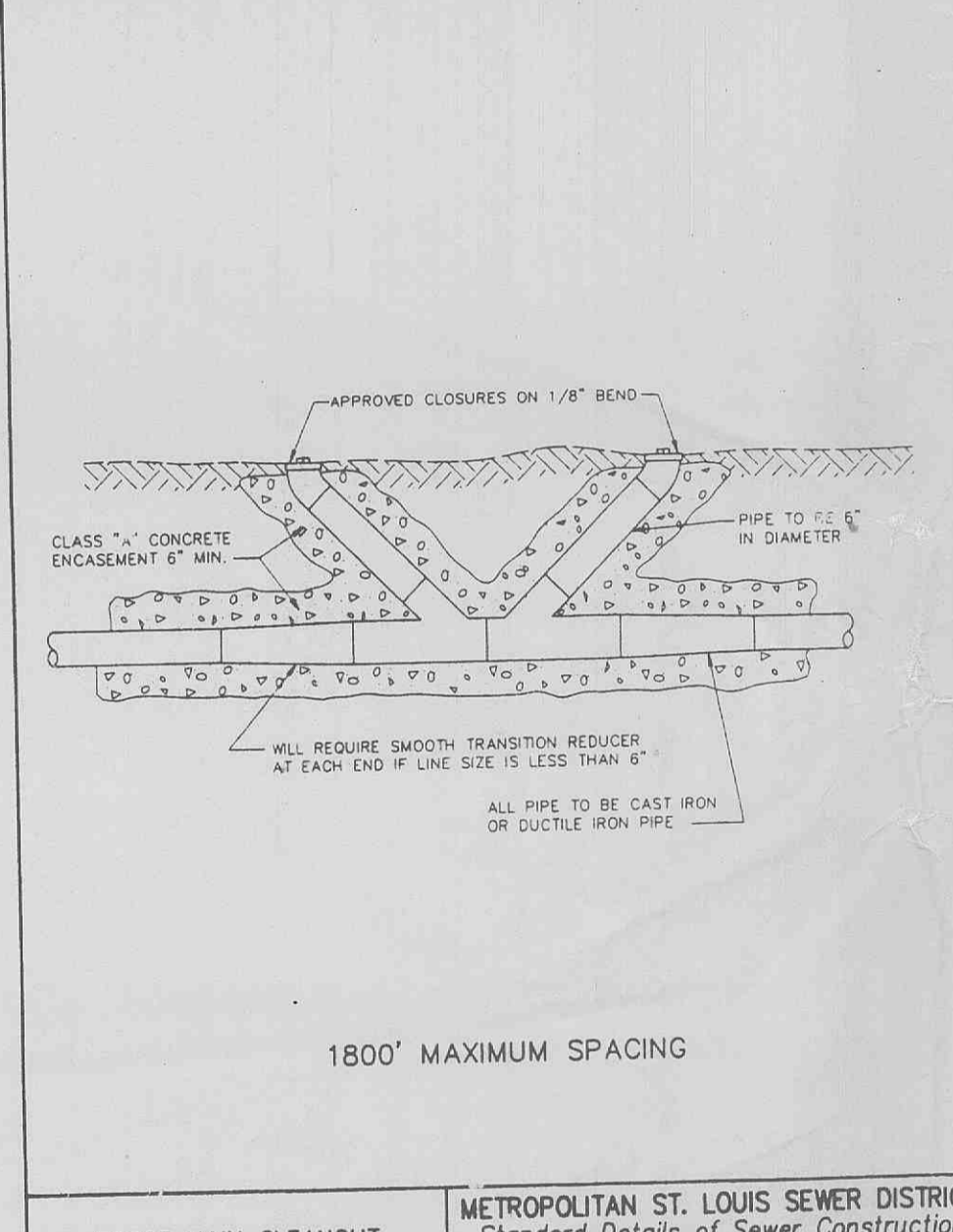
HOUSE CONNECTIONS ALLOWED BY TEE SADDLE	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. D.A.B. Ch. J.C.K.	1992	SHEET 61



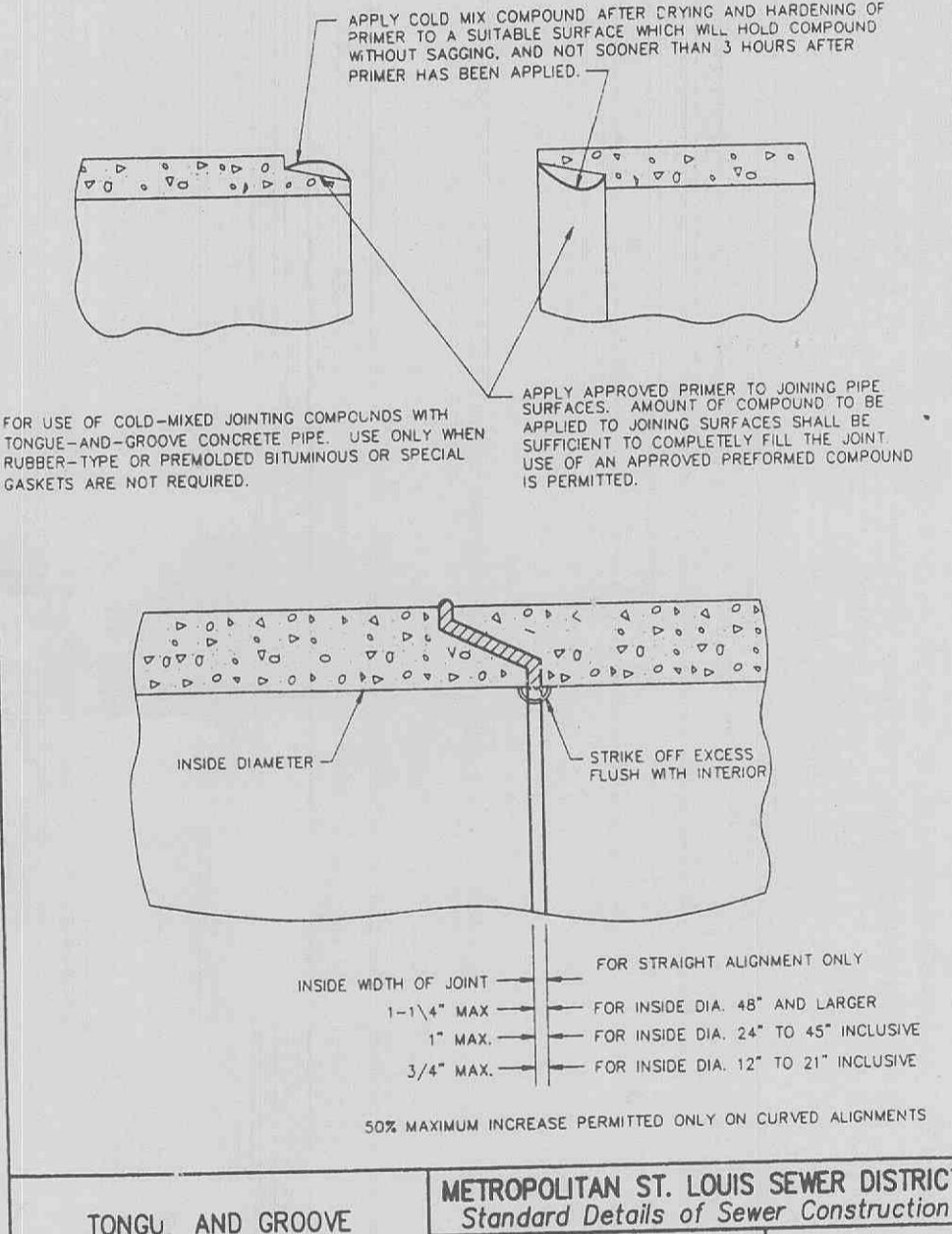
"ROLL-IN" (FOR EXISTING CLAY OR CONCRETE PIPE)	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. D.A.B. Ch. J.C.K.	1992	SHEET 63



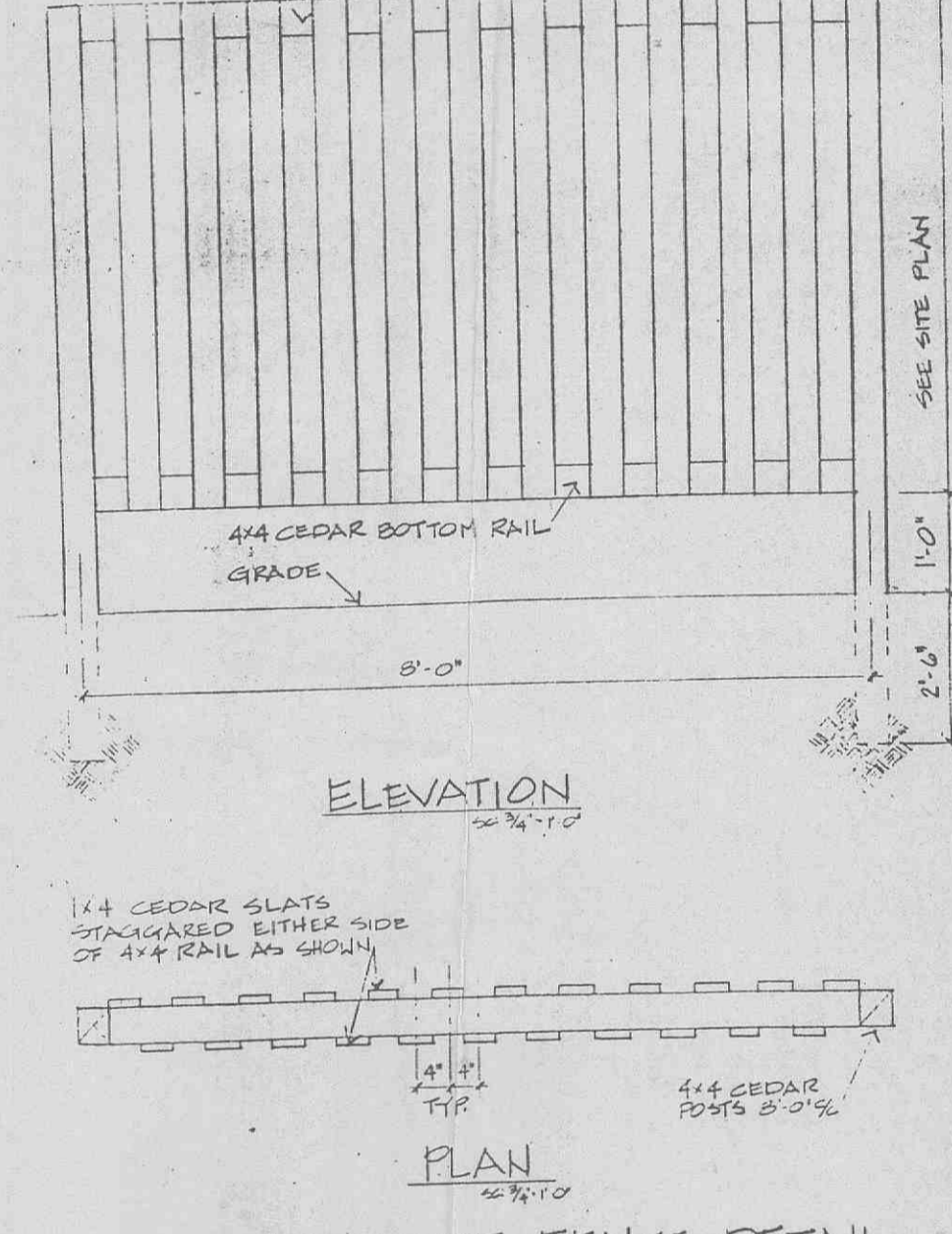
CONNECTIONS TO LARGE SEWERS	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. W.S.H. Ch. J.C.K.	1992	SHEET 64



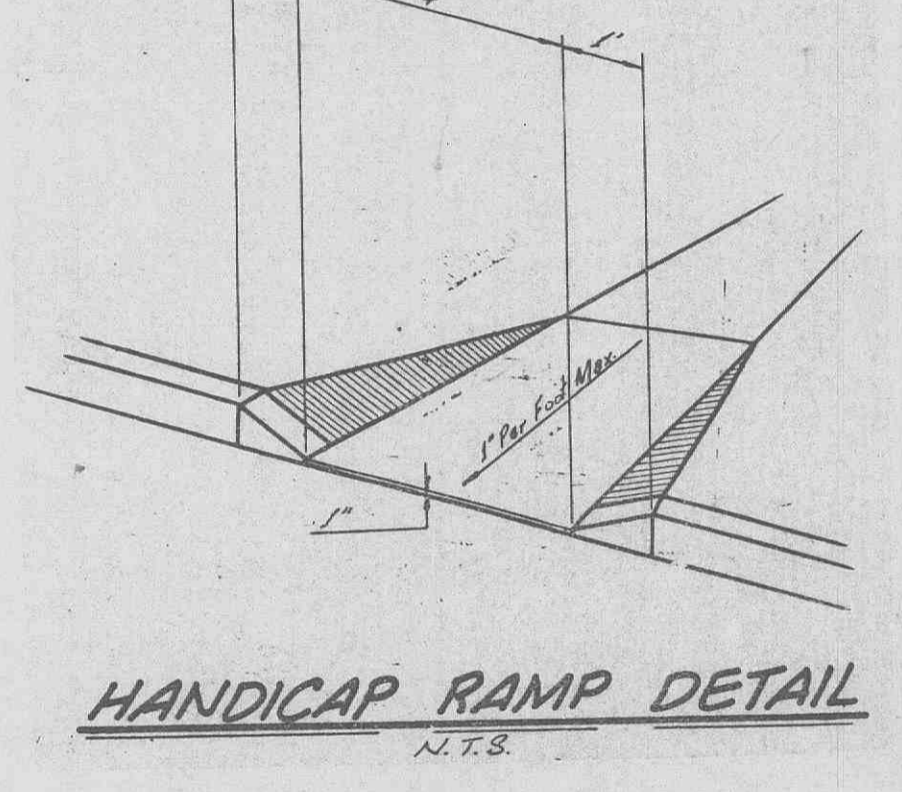
FORCE MAIN CLEANOUT (6" DIA. & SMALLER)	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. R.G.W. Ch. J.C.K.	1992	SHEET 65



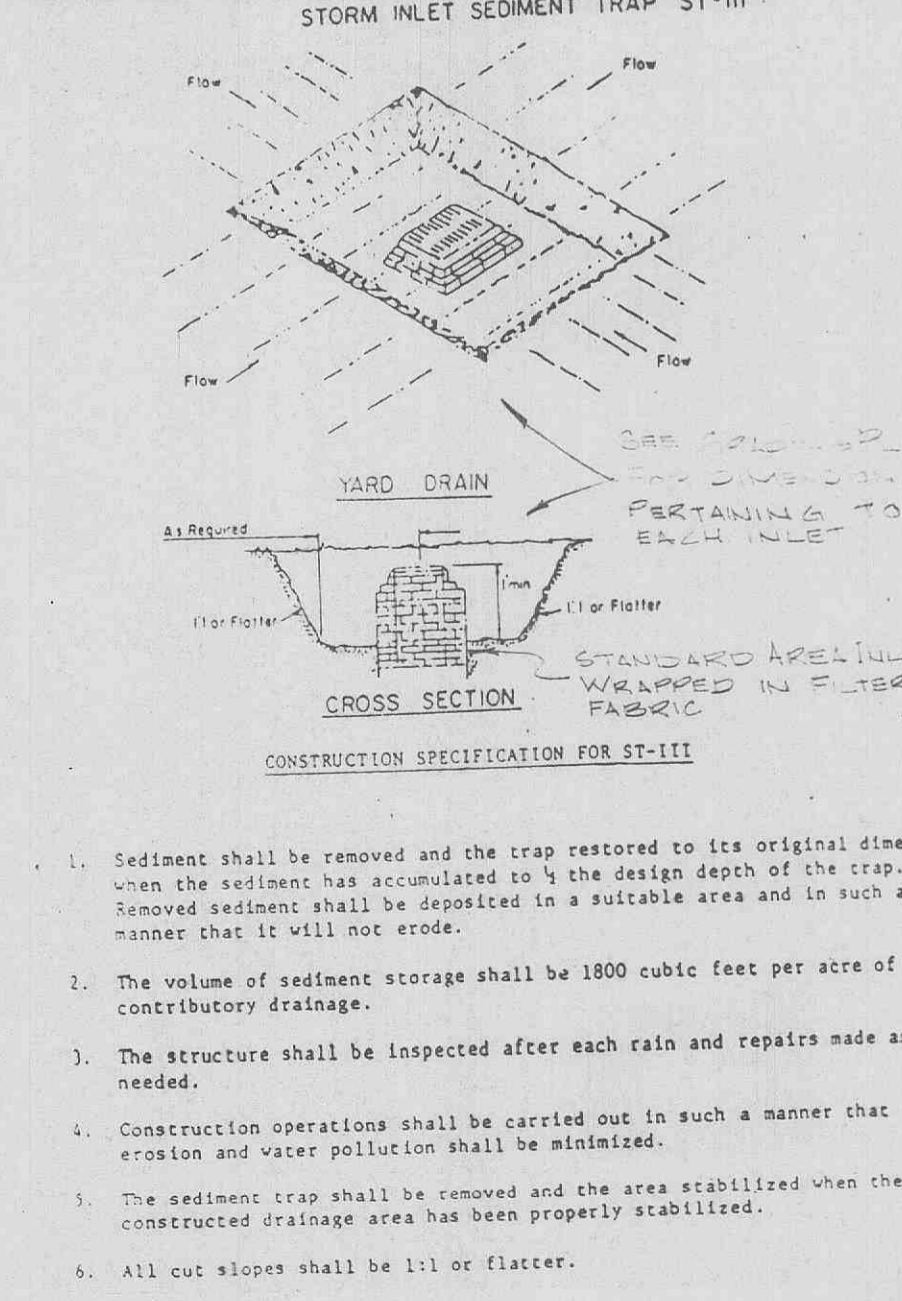
TONGUE AND GROOVE CONCRETE PIPE JOINTS	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. D.A.B. Ch. J.C.K.	1992	SHEET 66



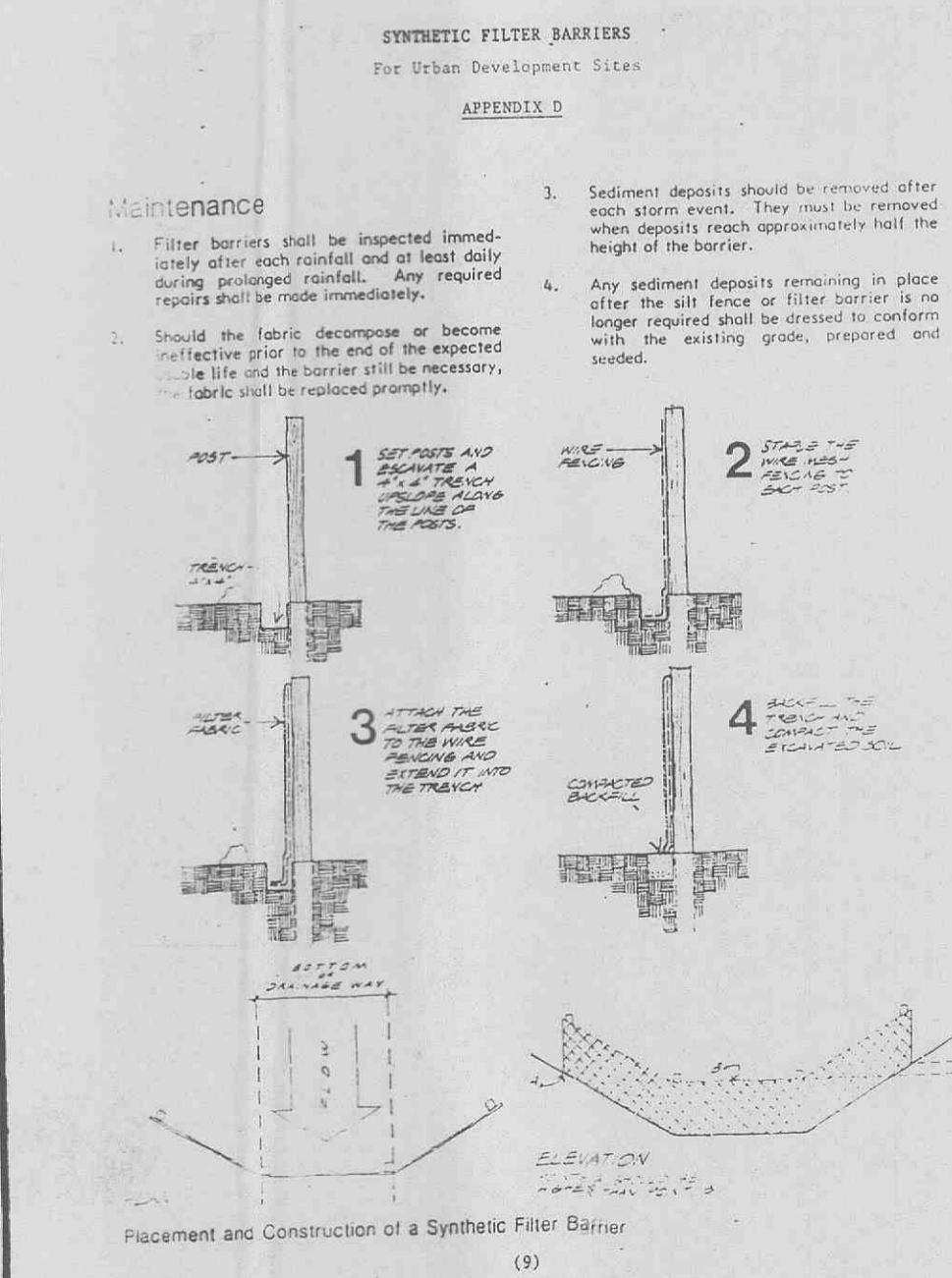
SIGHT-PROOF FENCE DETAIL	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. D.A.B. Ch. J.C.K.	1992	SHEET 66



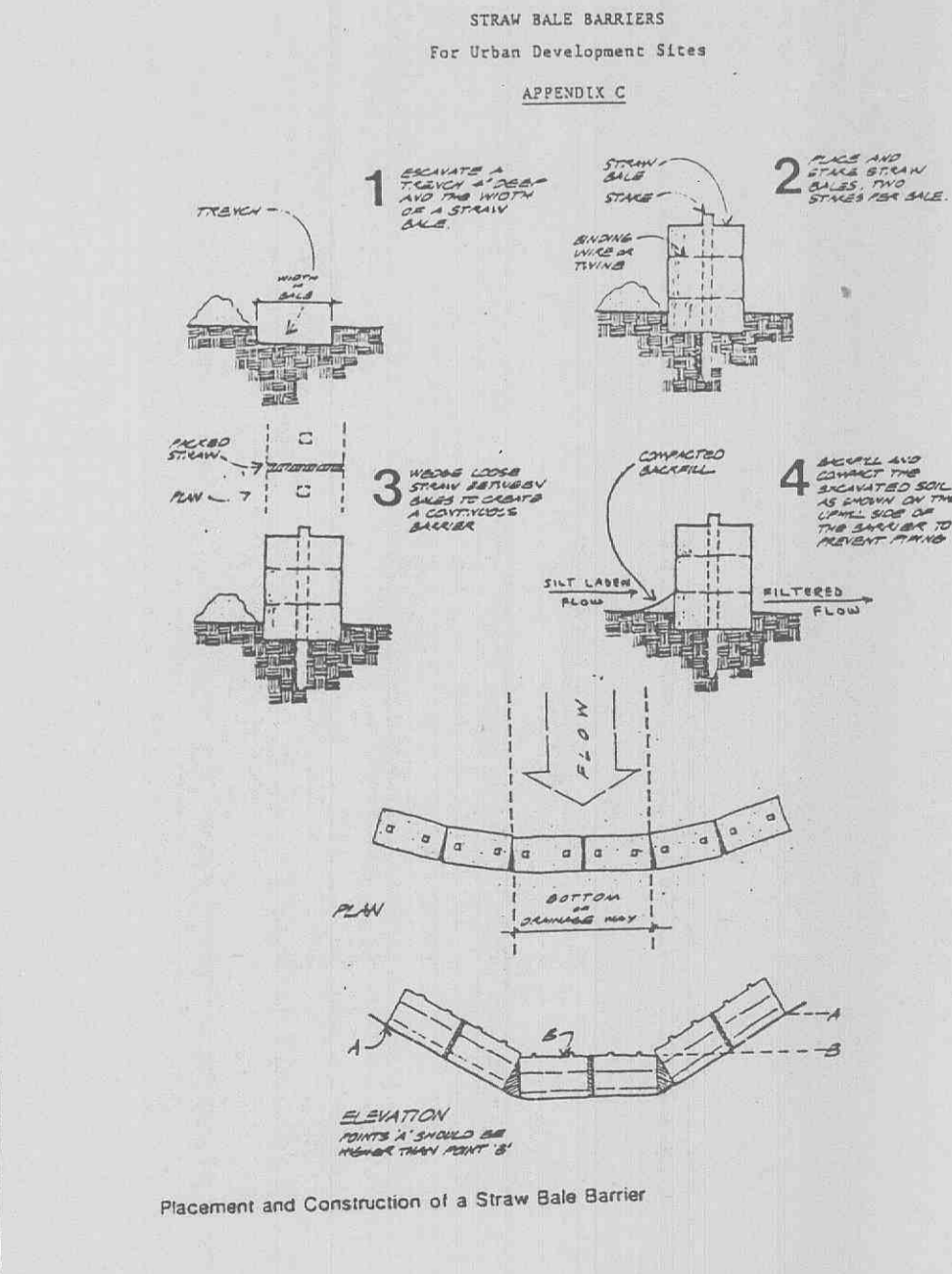
HANDICAP RAMP DETAIL	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. D.A.B. Ch. J.C.K.	1992	SHEET 66



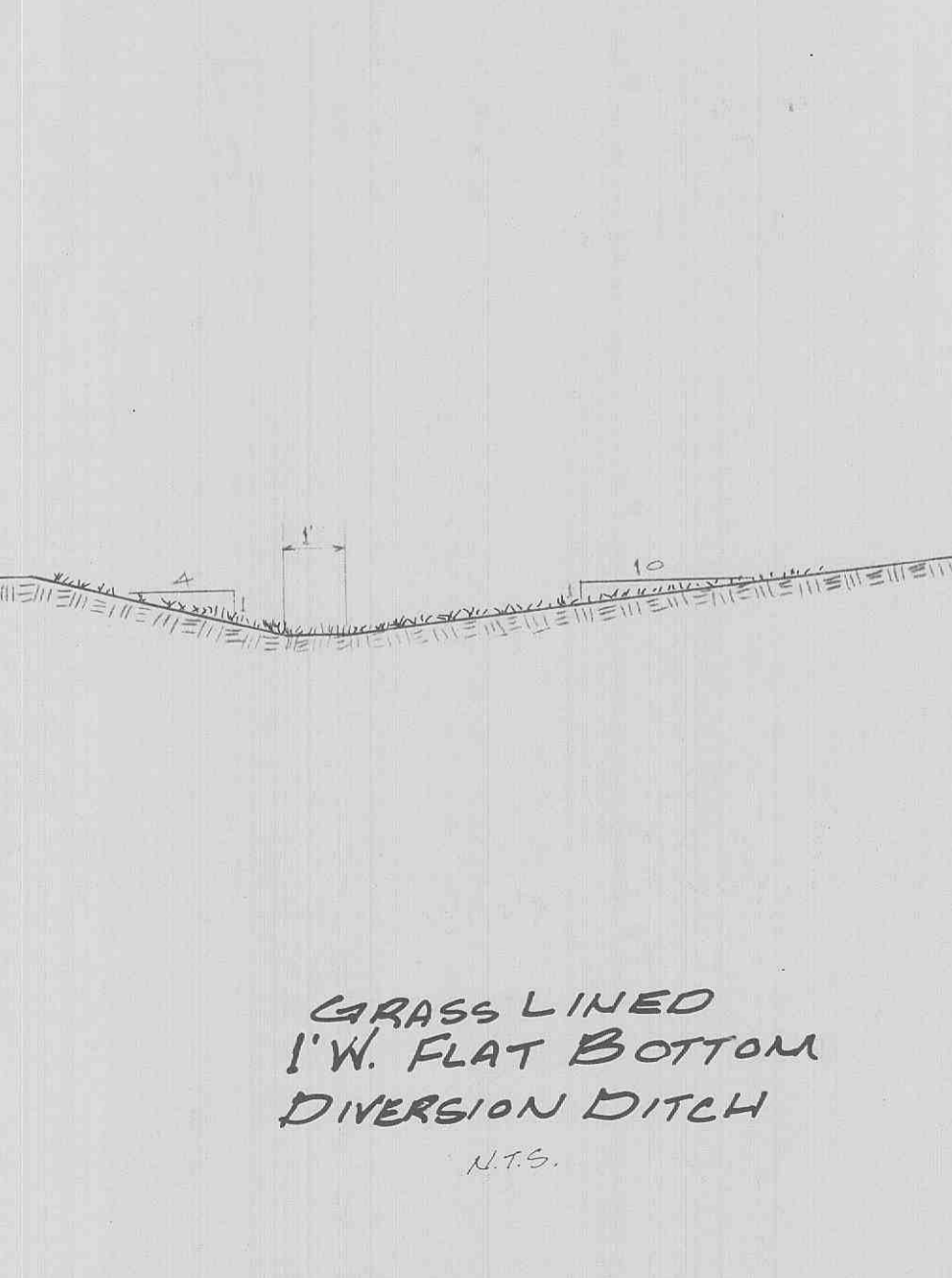
STORM INLET SEDIMENT TRAP ST-III	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. D.A.B. Ch. J.C.K.	1992	SHEET 63



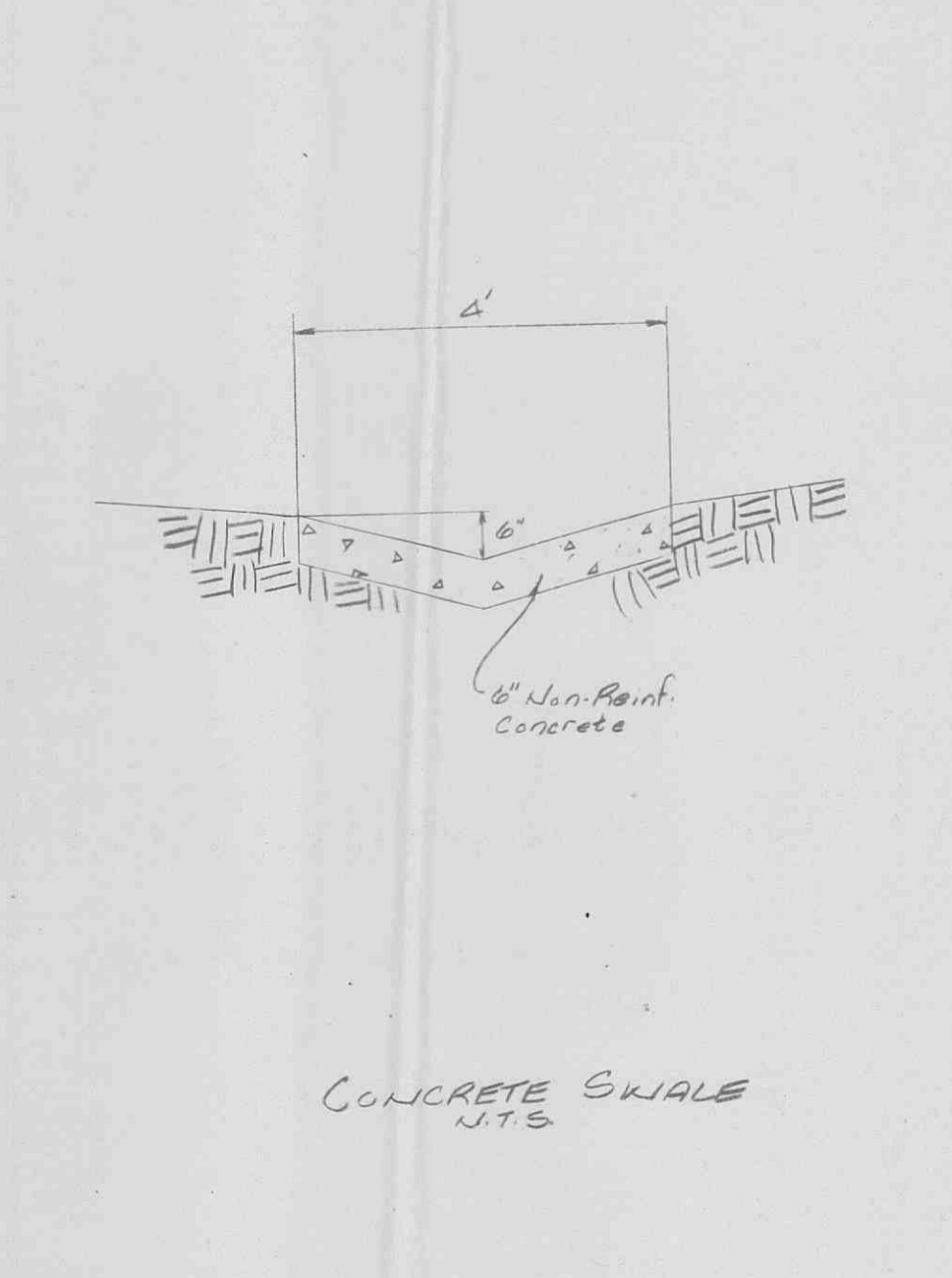
SYNTHETIC FILTER BARRIERS	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. R.G.W. Ch. J.C.K.	1992	SHEET 64



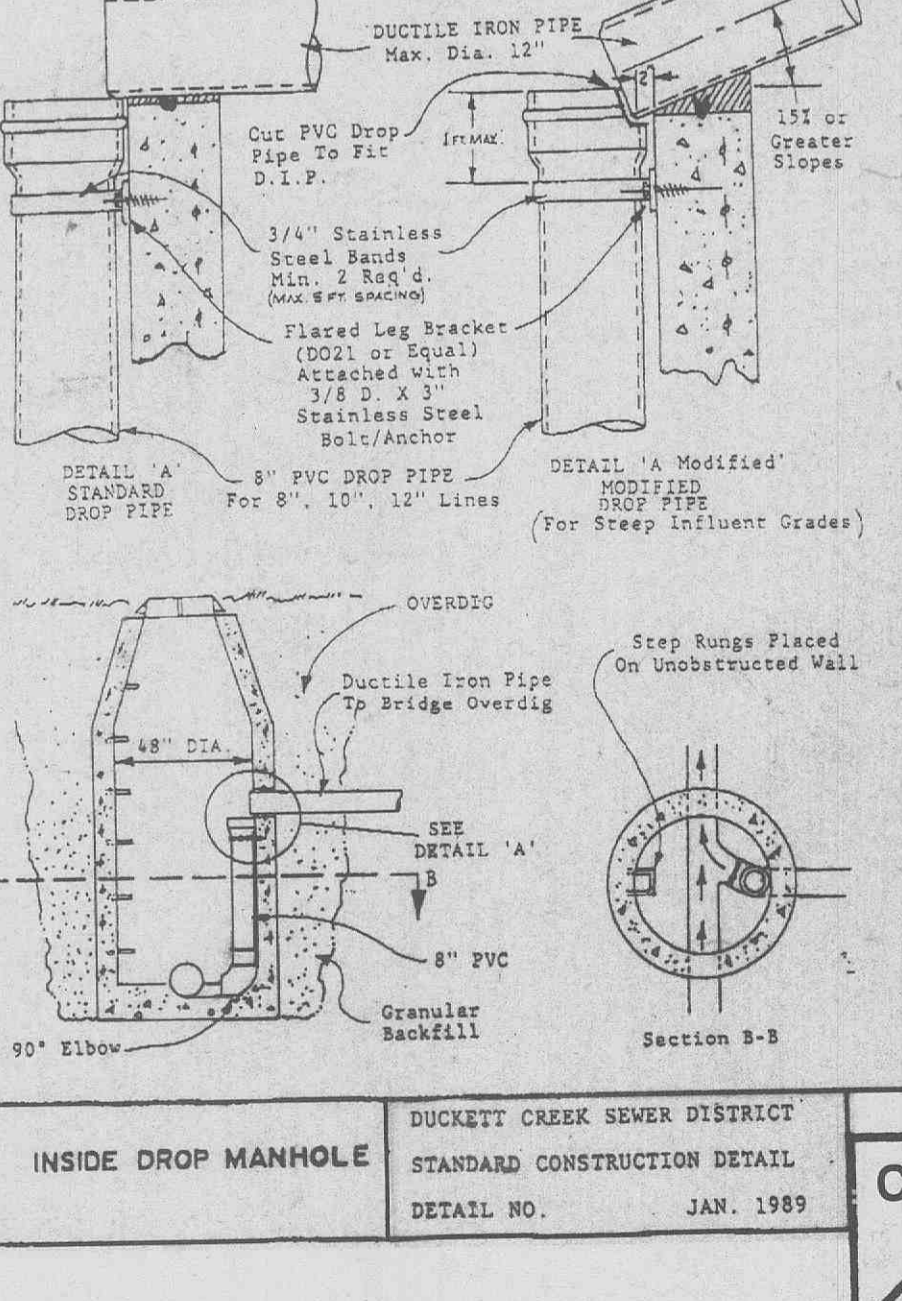
STRAW BALE BARRIERS	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. R.G.W. Ch. J.C.K.	1992	SHEET 65



GRASS LINED 1' W. FLAT BOTTOM DIVERSION DITCH	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. D.A.B. Ch. J.C.K.	1992	SHEET 66



INSIDE DROP MANHOLE	BUCKETT CREEK SEWER DISTRICT STANDARD CONSTRUCTION DETAIL DETAIL NO. JAN. 1989		
	Dr. D.A.B. Ch. J.C.K.	1992	SHEET 66



HANDICAP RAMP DETAIL	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. D.A.B. Ch. J.C.K.	1992	SHEET 66