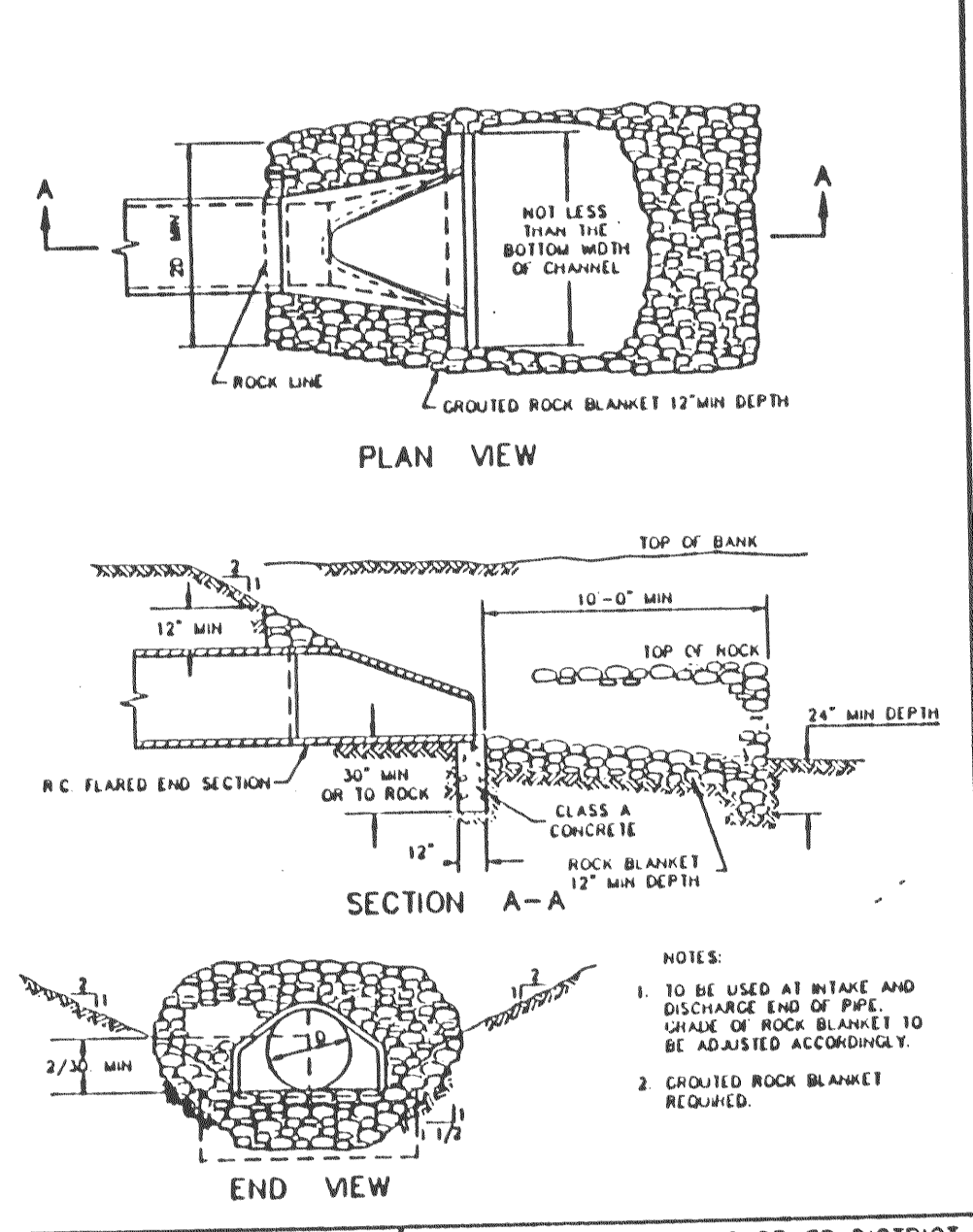
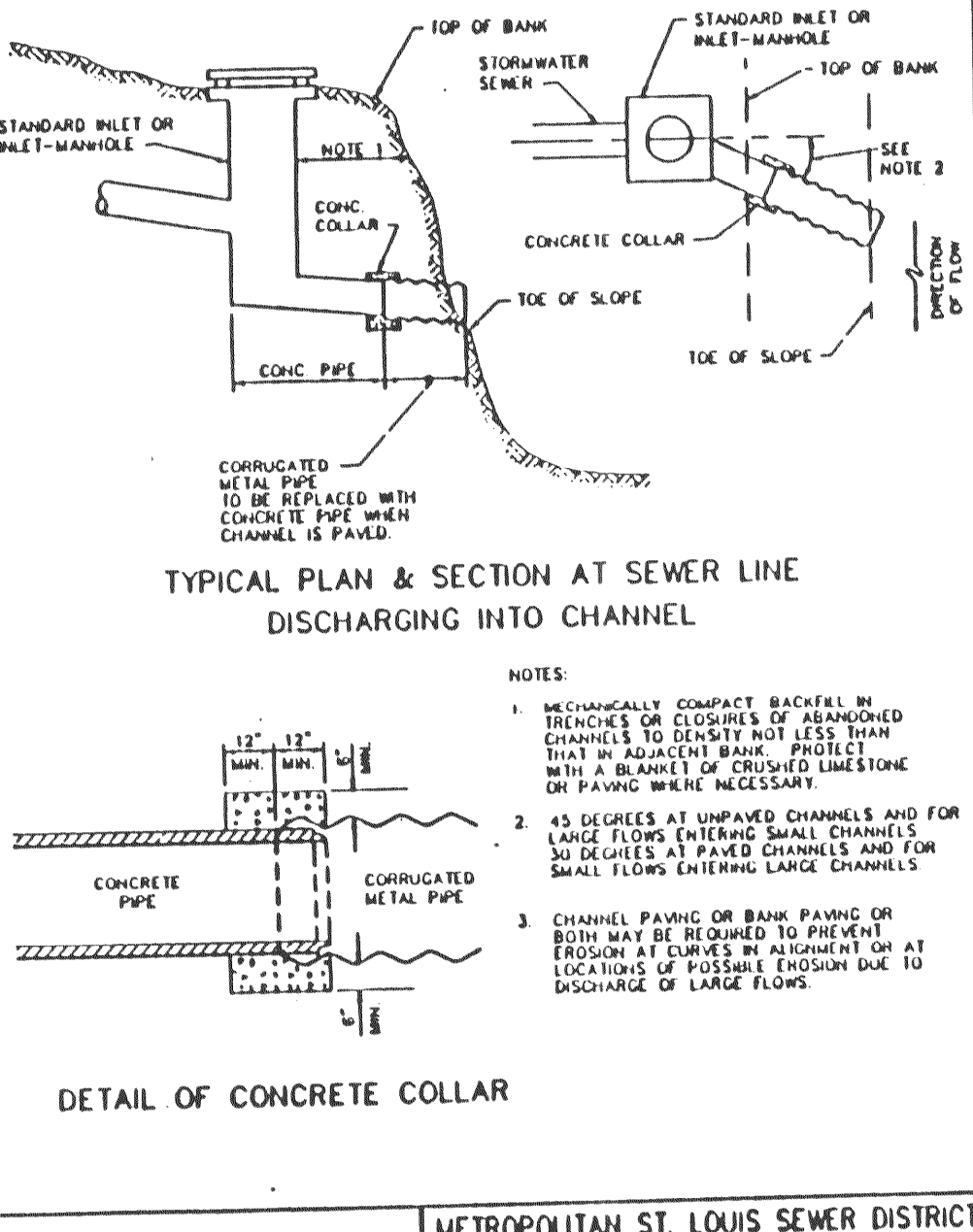


GUTTER SUMPS FOR VERTICAL CURB			
METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction			
Dr. W.S.H.	Ch. J.C.K.	1992	SHEET 55

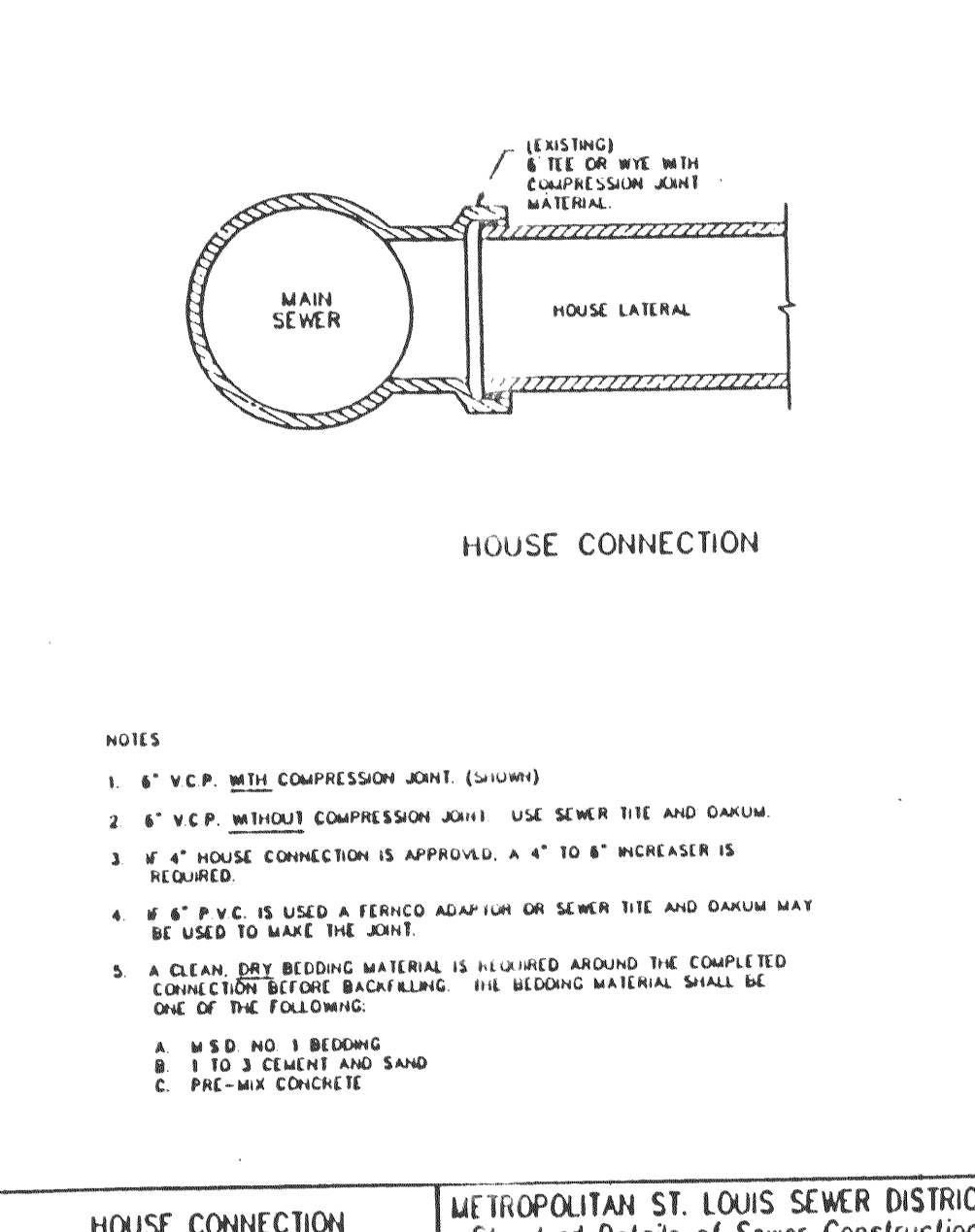
GUTTER SUMP FOR LIP CURB			
METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction			
Dr. R.G.W.	Ch. J.C.K.	1992	SHEET 56



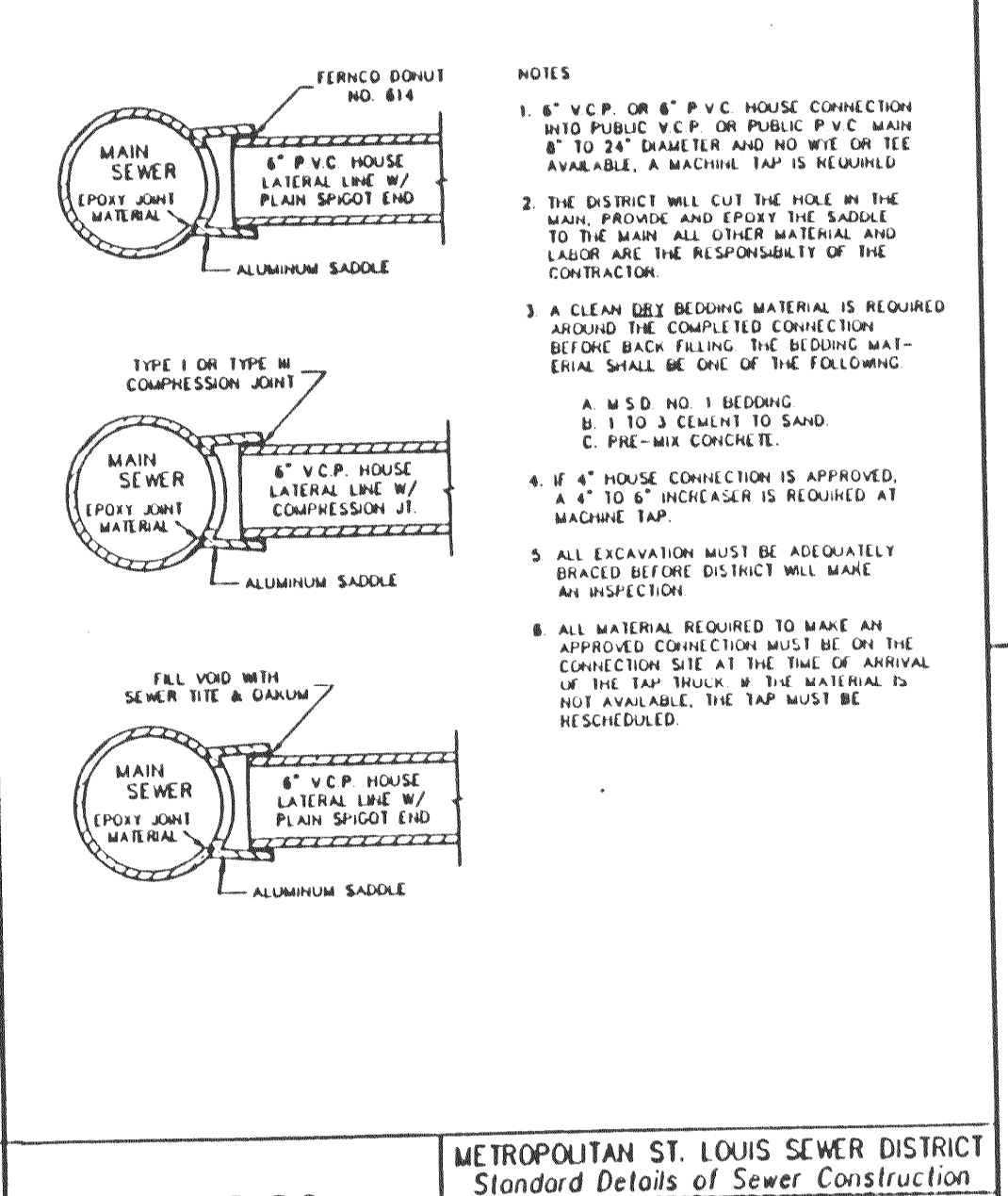
FLARED END SECTION			
METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction			
Dr. W.S.H.	Ch. J.C.K.	1992	SHEET 57



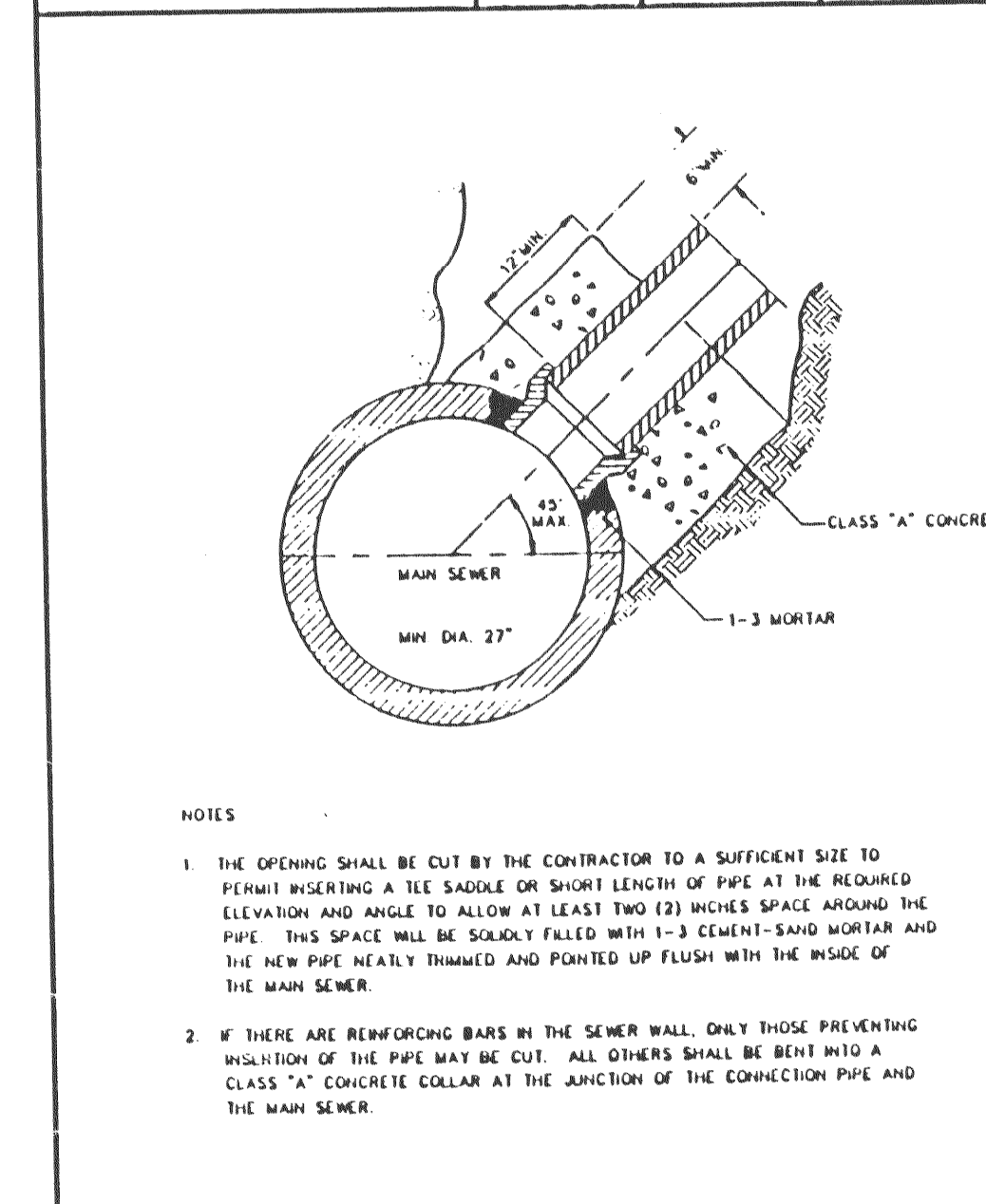
STORMWATER CHANNELS			
METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction			
Dr. R.G.W.	Ch. J.C.K.	1992	SHEET 58



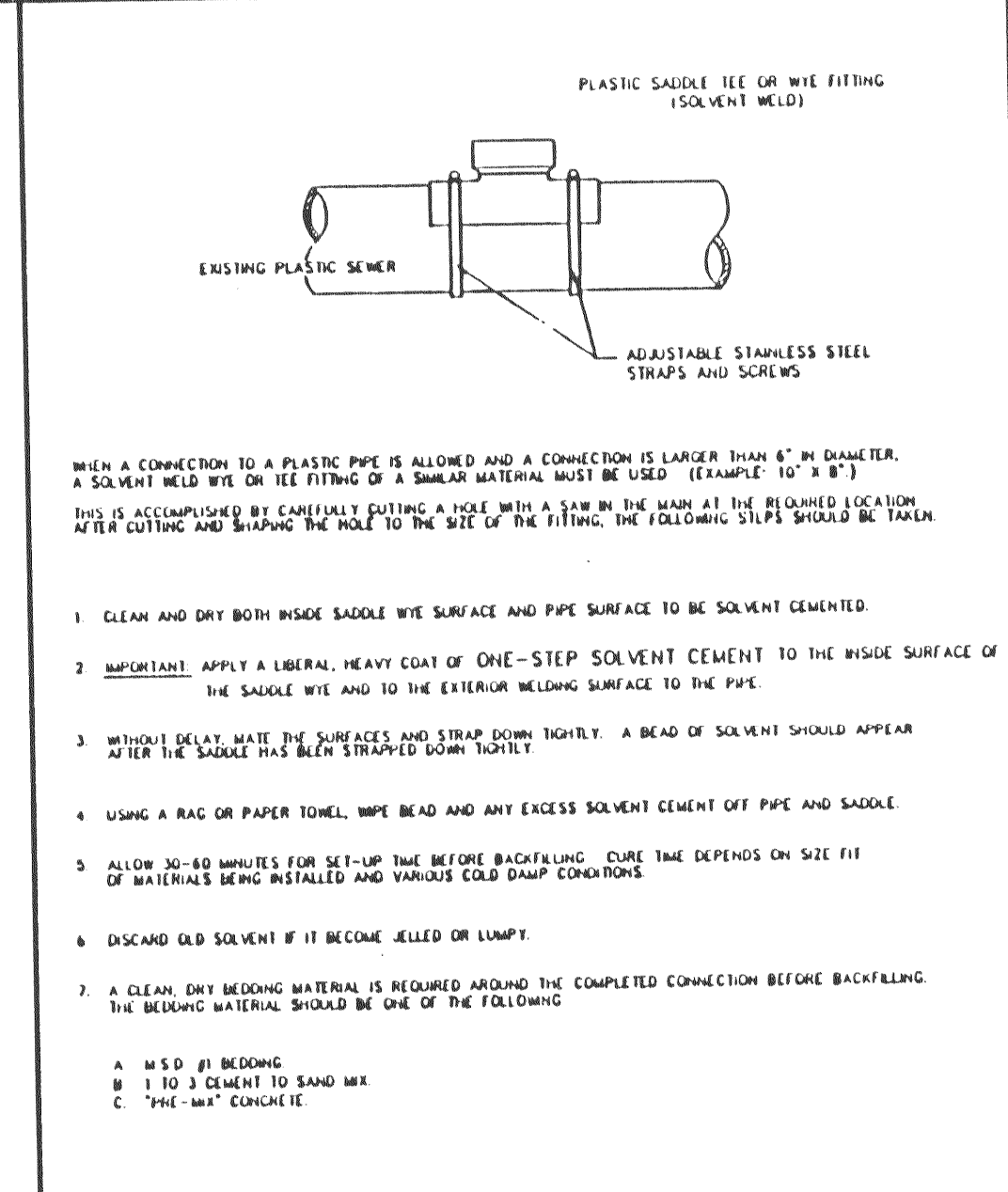
HOUSE CONNECTION TO EXISTING TEE OR WYE			
METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction			
Dr. D.A.B.	Ch. J.C.K.	1992	SHEET 59



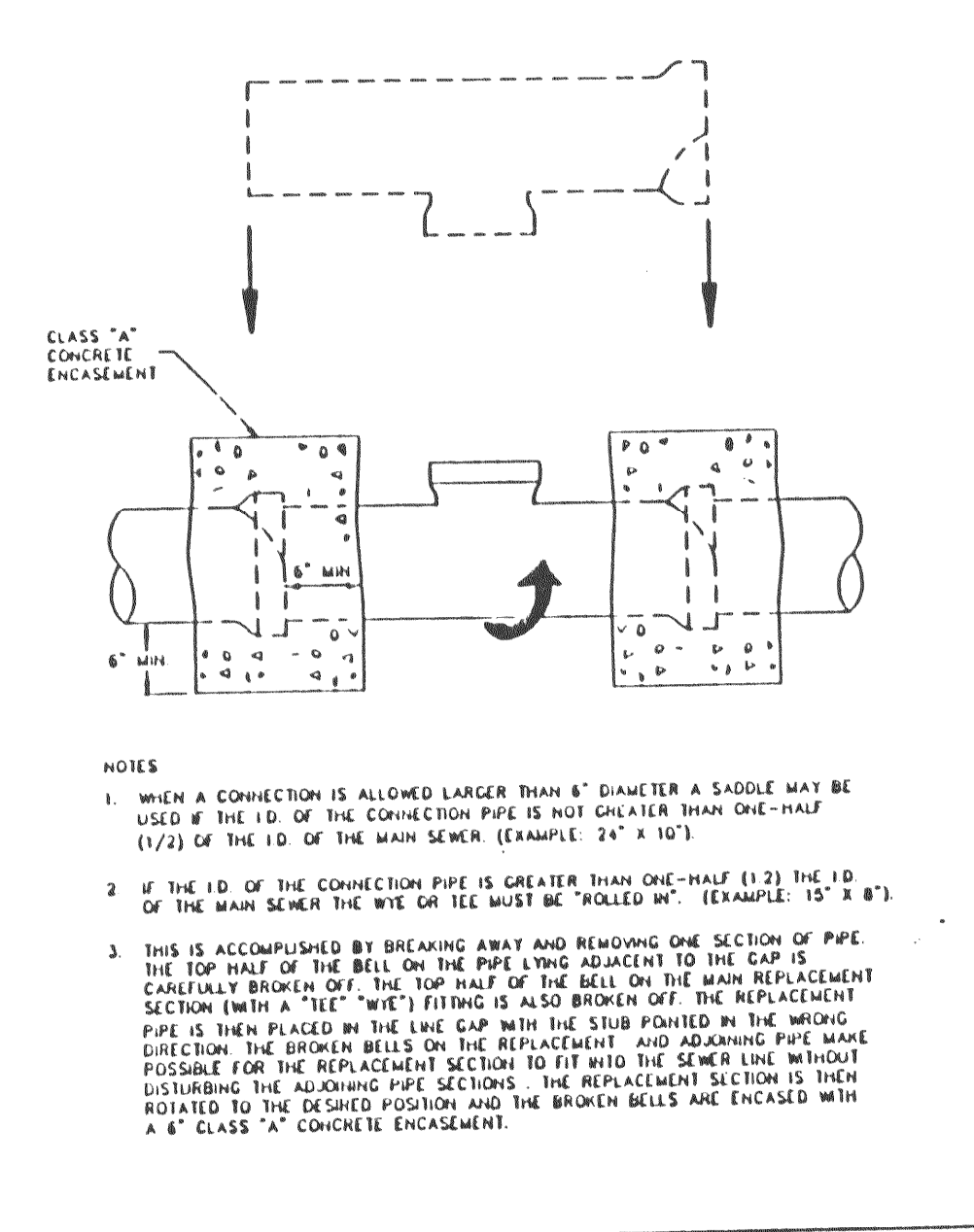
MACHINE TAP			
METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction			
Dr. W.S.H.	Ch. J.C.K.	1992	SHEET 60



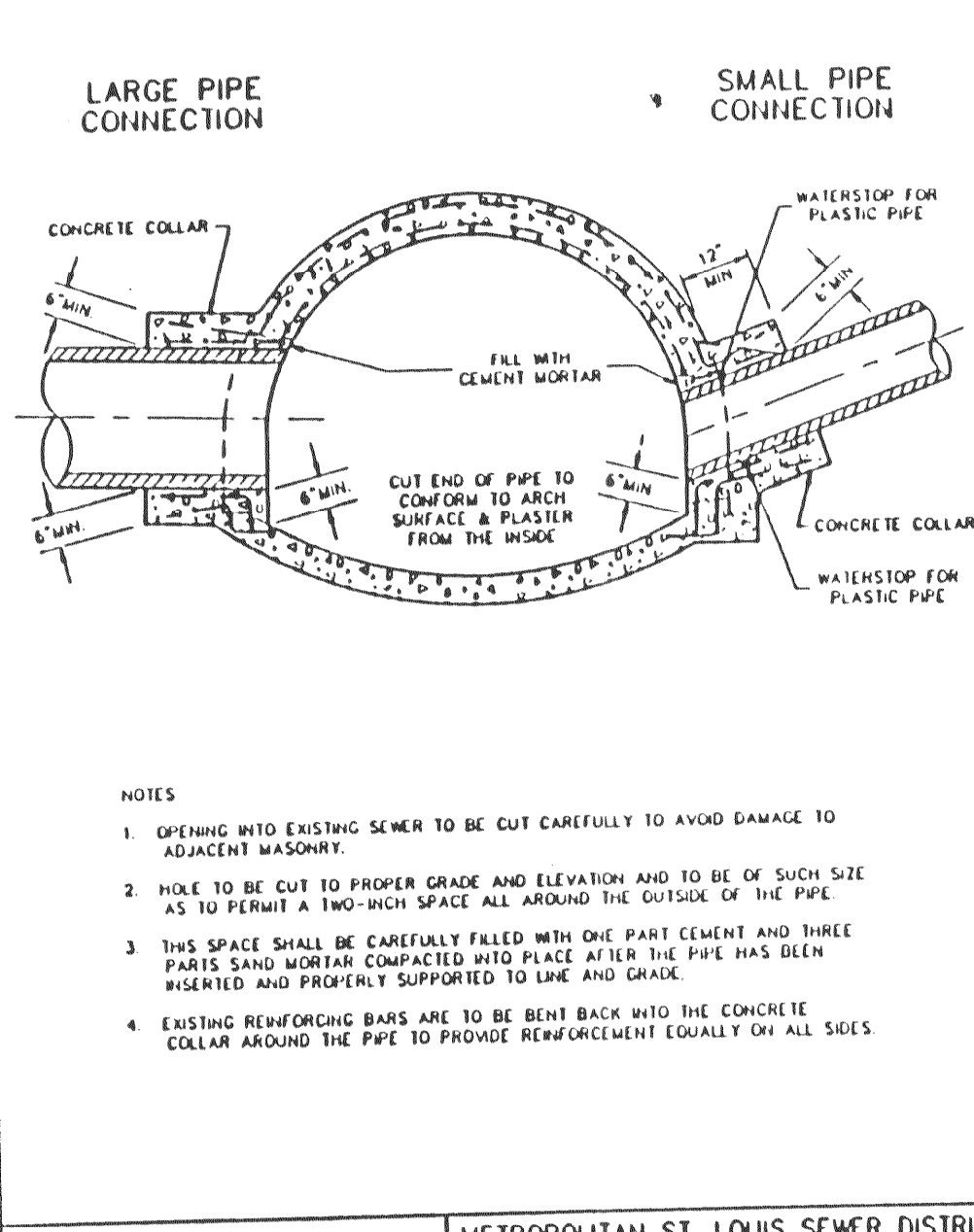
HOUSE CONNECTIONS ALLOWED BY TEE SADDLE			
METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction			
Dr. D.A.B.	Ch. J.C.K.	1992	SHEET 61



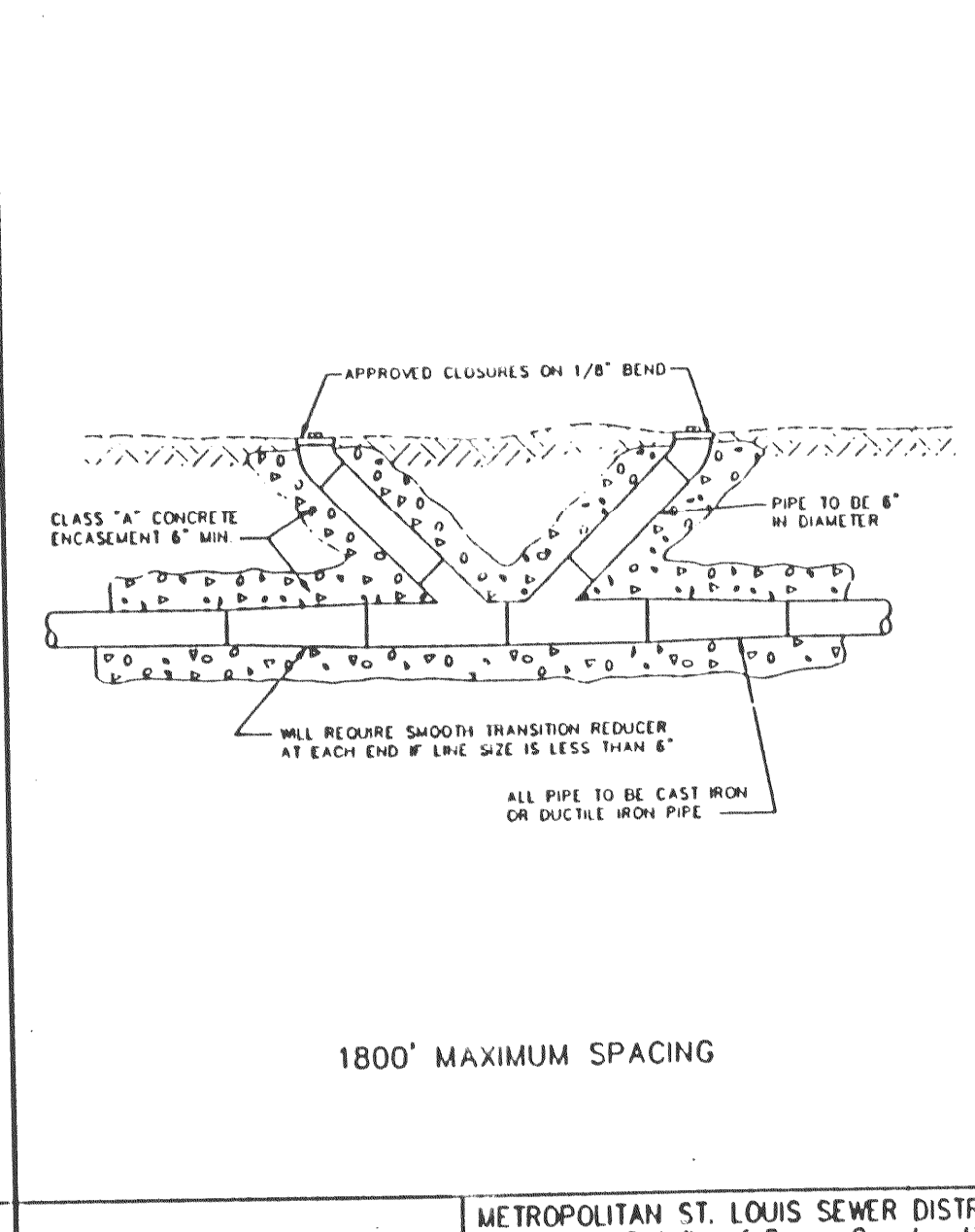
8" (& LARGER) CONNECTION TO PLASTIC MAIN			
METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction			
Dr. D.A.B.	Ch. J.C.K.	1992	SHEET 62



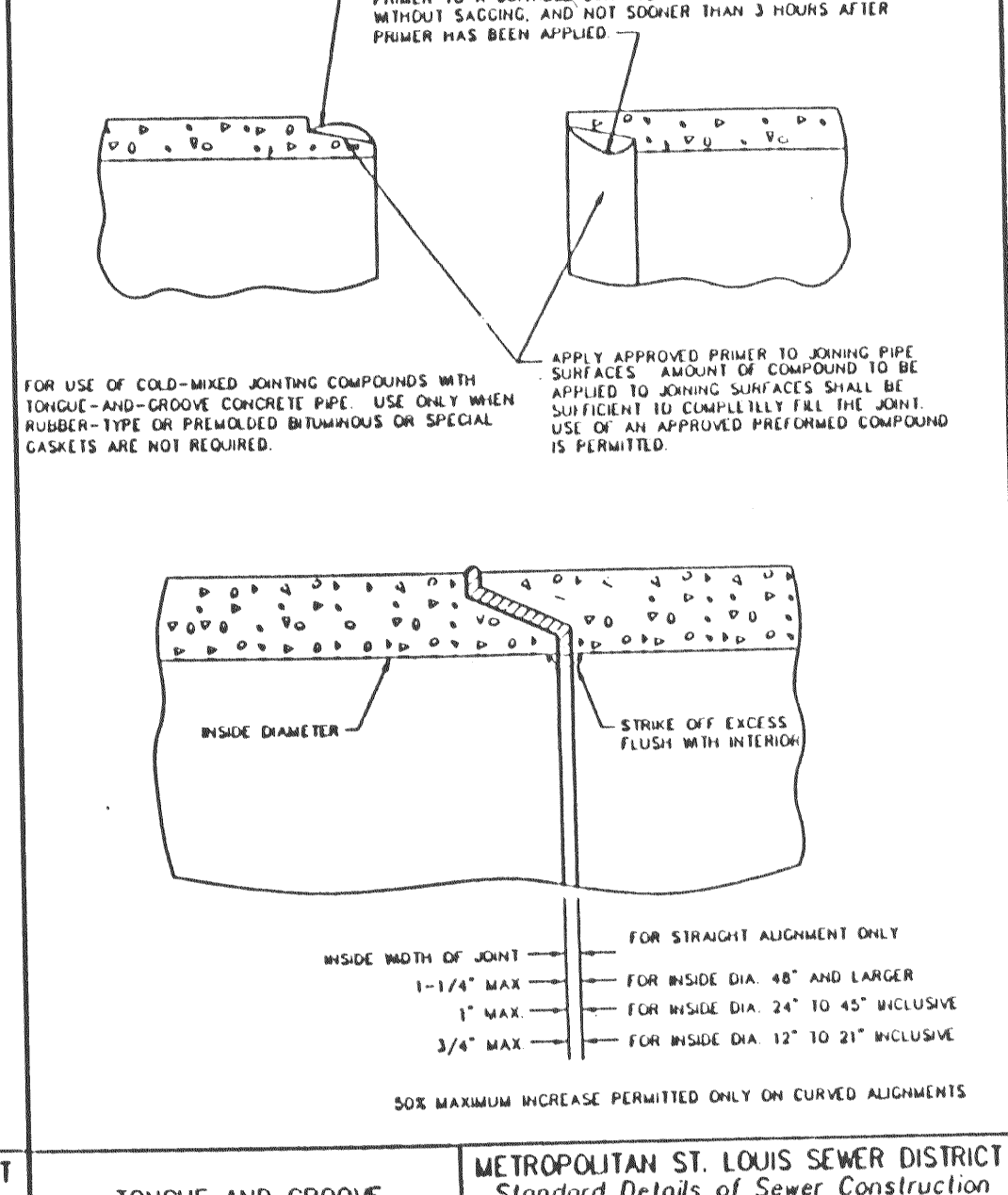
"ROLL-IN" (FOR EXISTING CLAY OR CONCRETE PIPE)			
METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction			
Dr. D.A.B.	Ch. J.C.K.	1992	SHEET 63



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