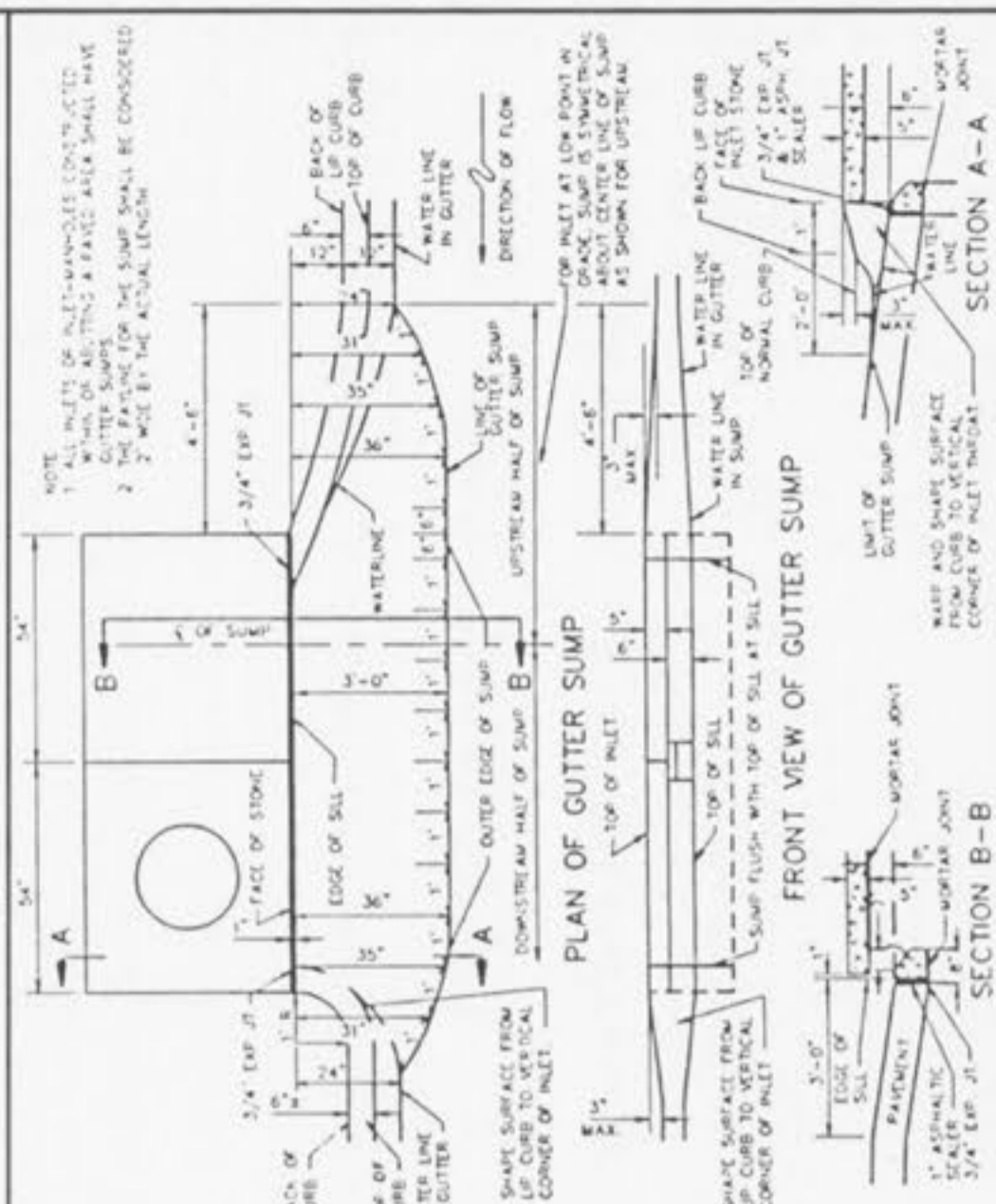
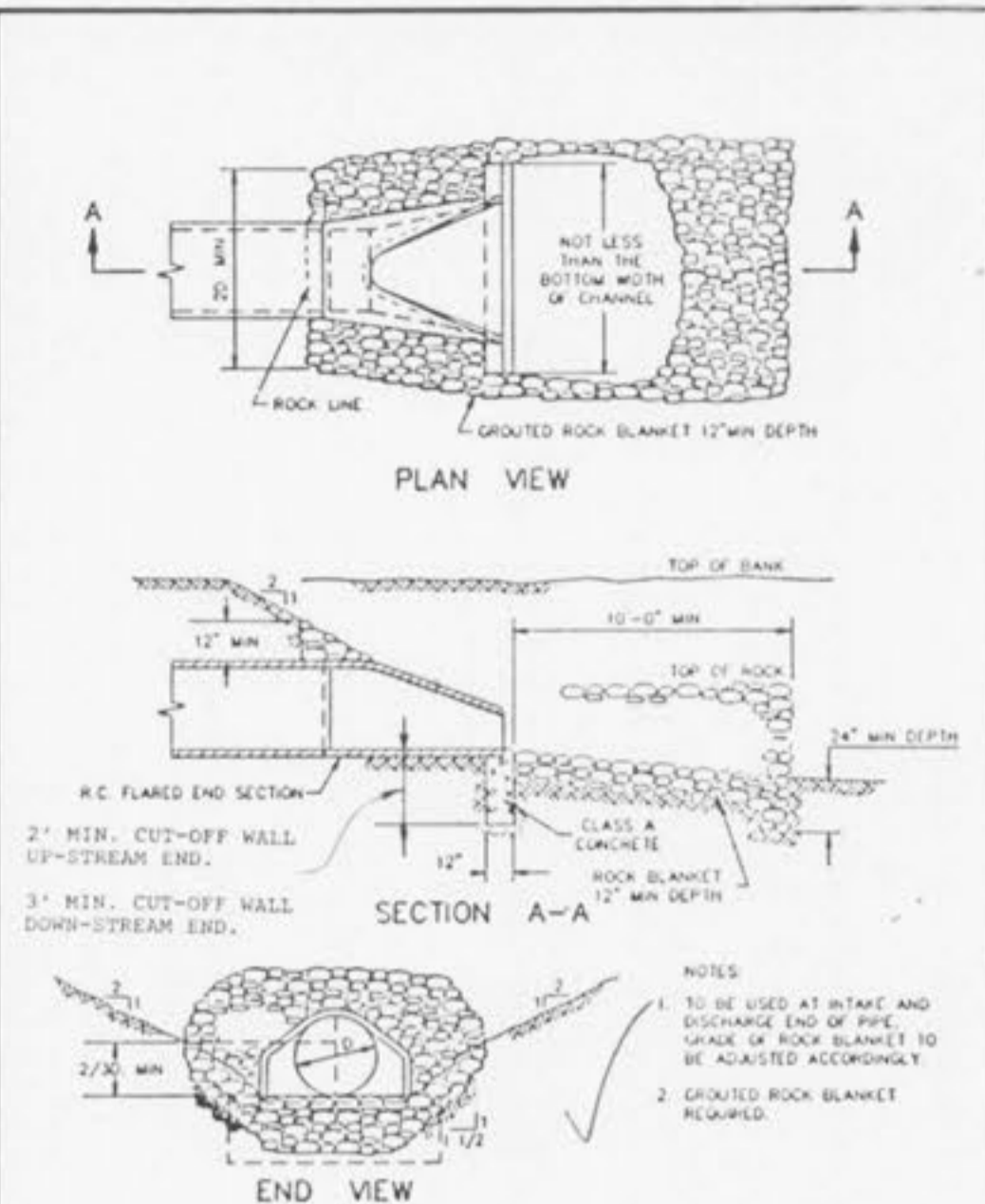


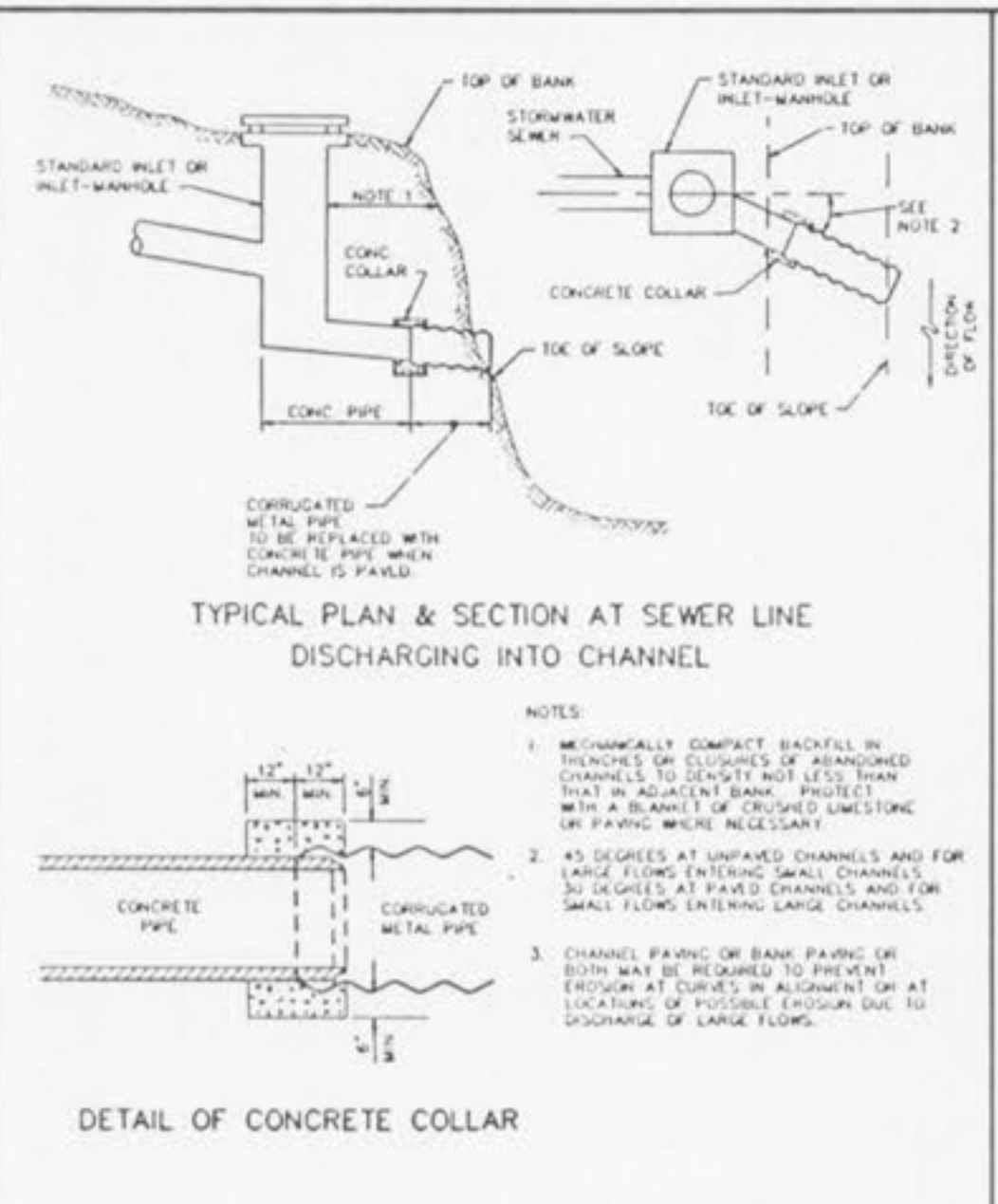
GUTTER SUMPS FOR VERTICAL CURB
METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
Dr. W.S.H. / Ch. J.C.K. / 1992 / SHEET 55



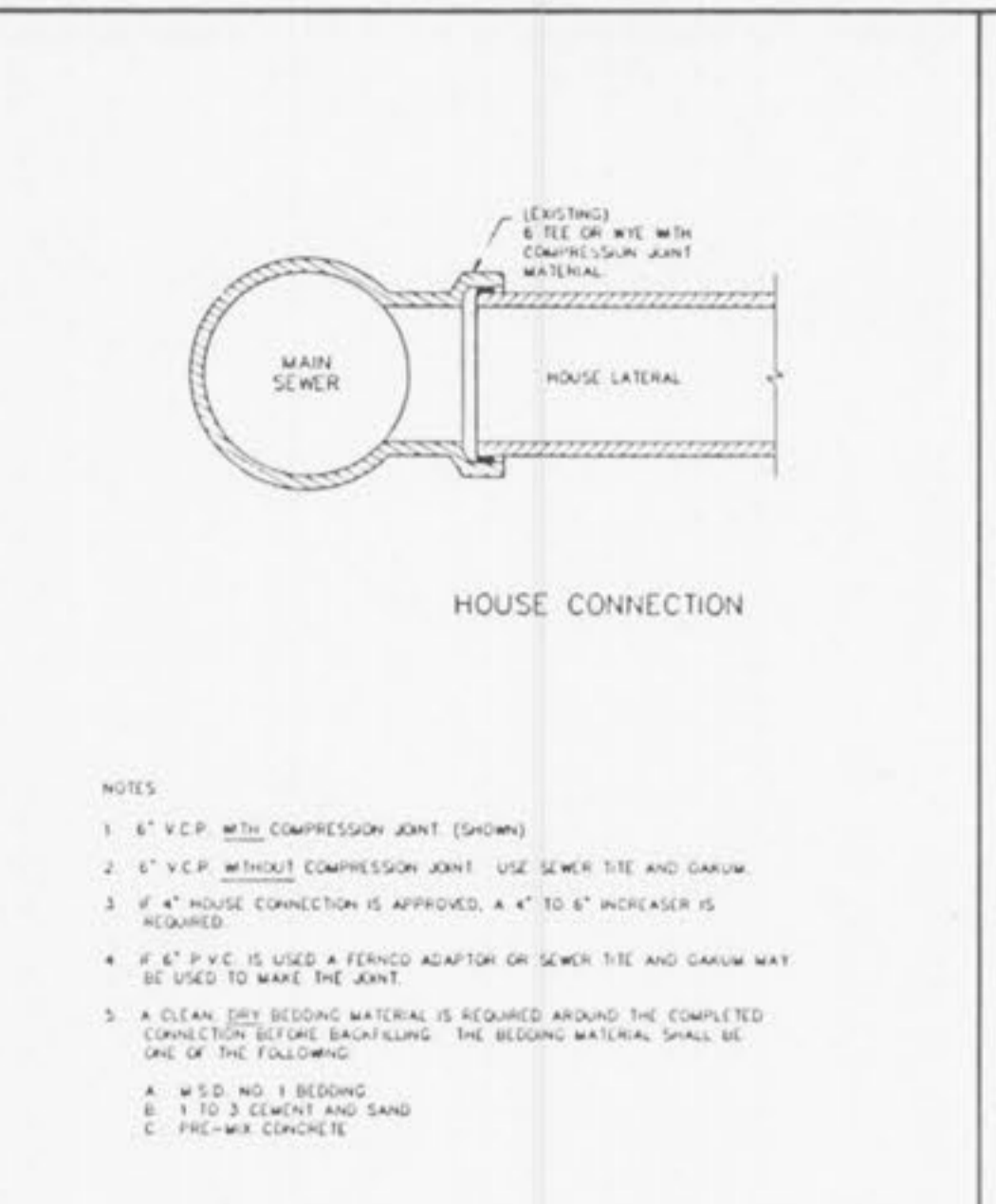
GUTTER SUMP FOR LIP CURB
METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
Dr. R.G.W. / Ch. J.C.K. / 1992 / SHEET 56



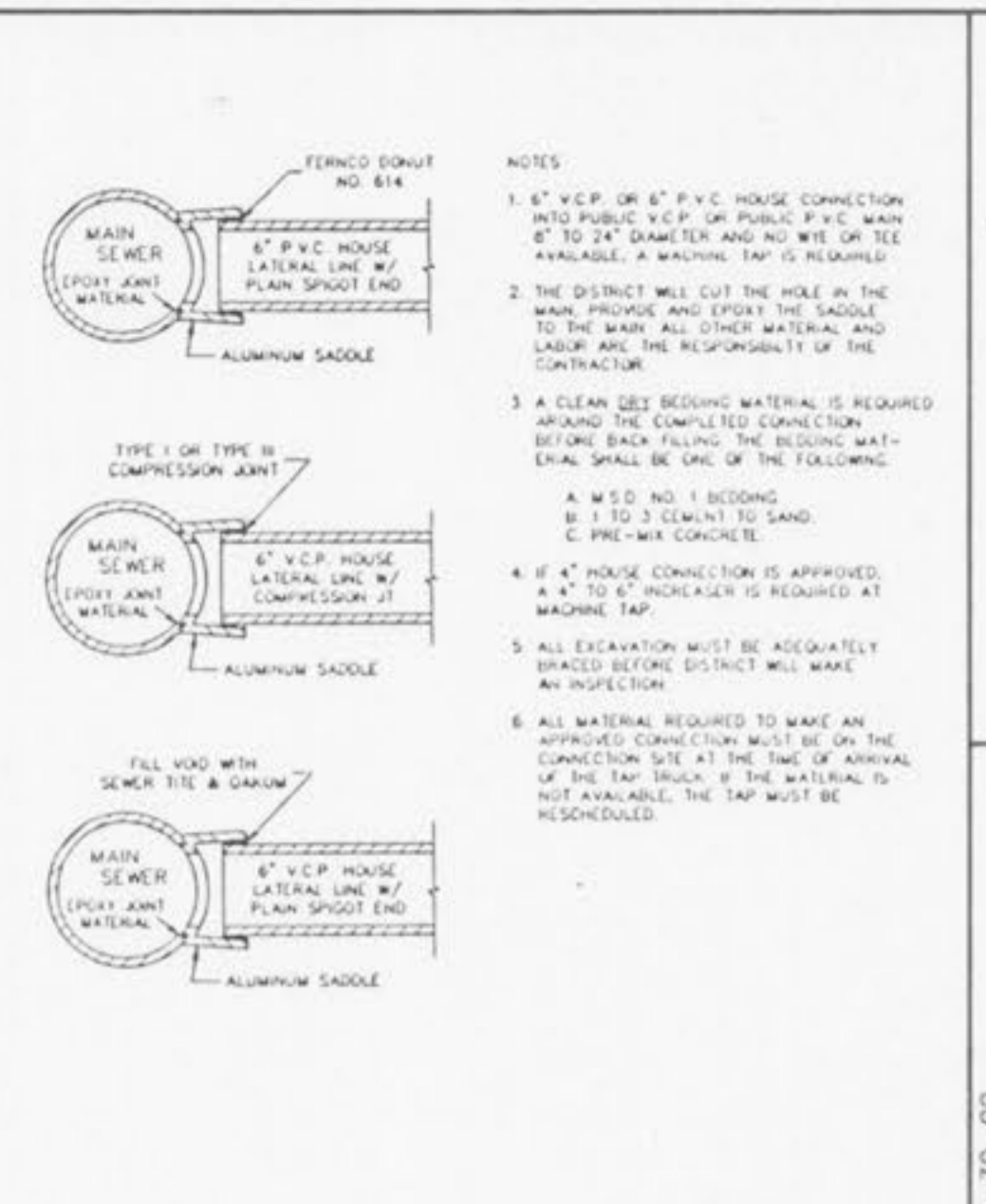
FLARED END SECTION
METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
Dr. W.S.H. / Ch. J.C.K. / 1992 / SHEET 57



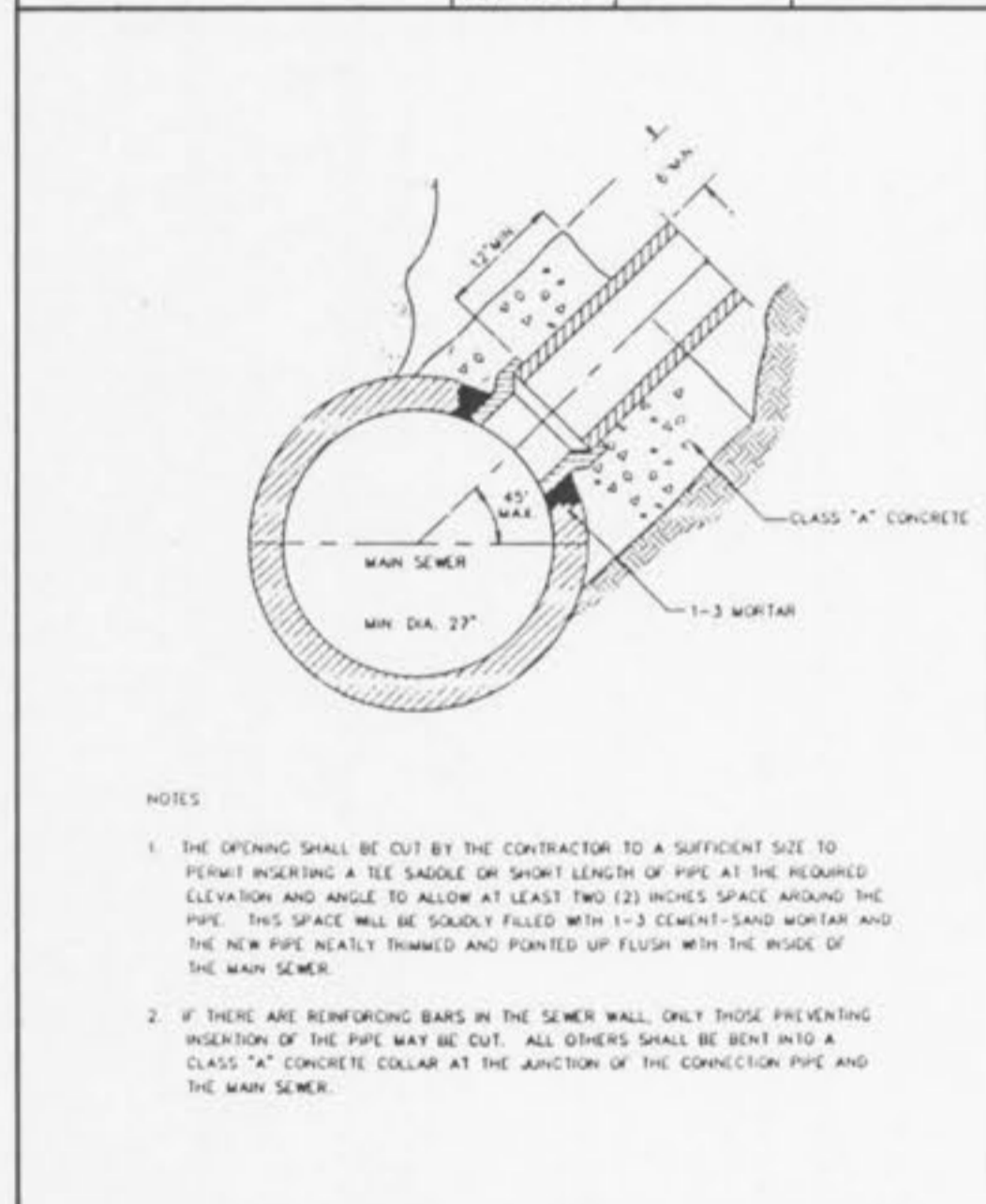
STORMWATER CHANNELS
METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
Dr. R.G.W. / Ch. J.C.K. / 1992 / SHEET 58



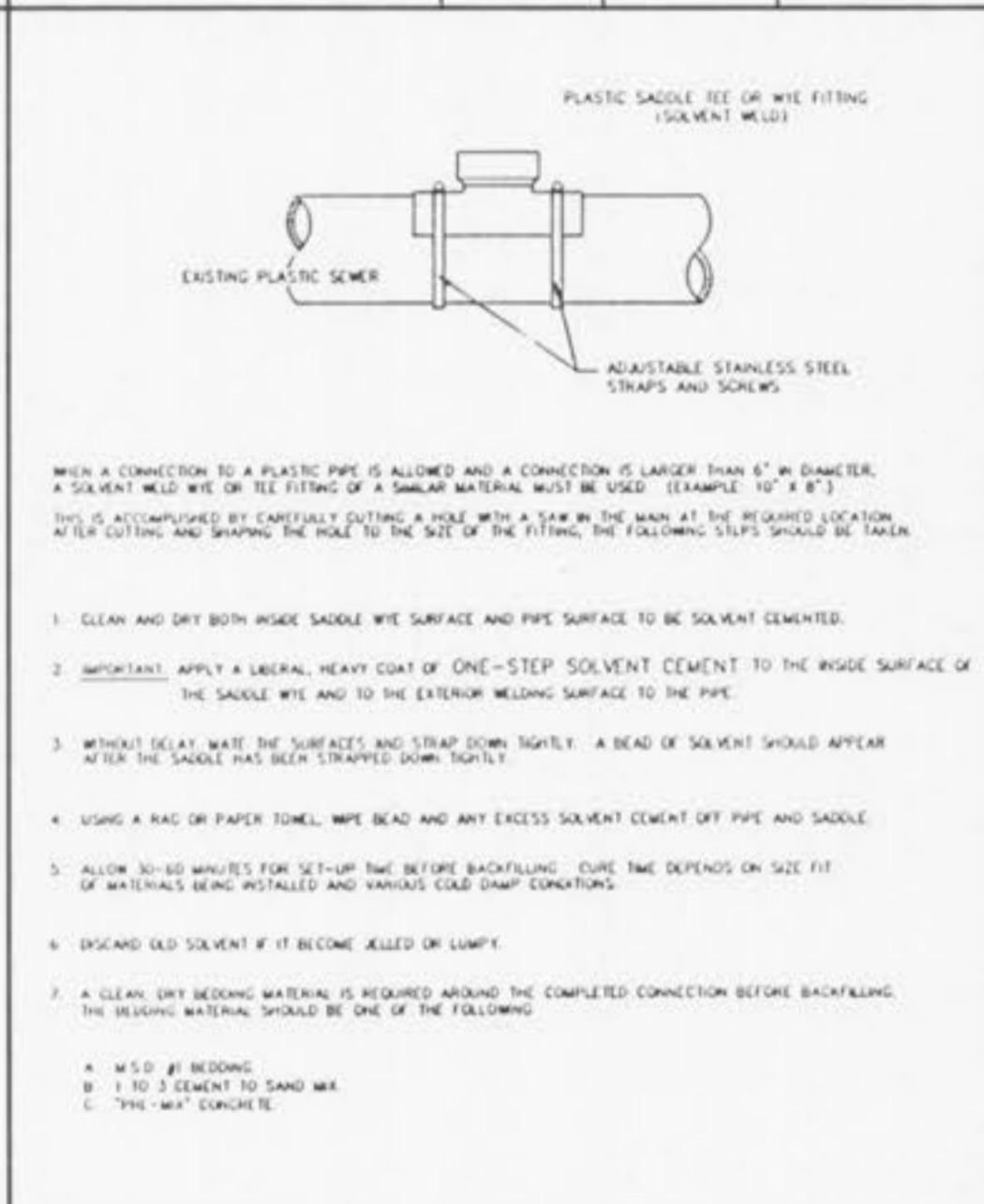
HOUSE CONNECTION TO EXISTING TEE OR WYE
METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
Dr. D.A.B. / Ch. J.C.K. / 1992 / SHEET 59



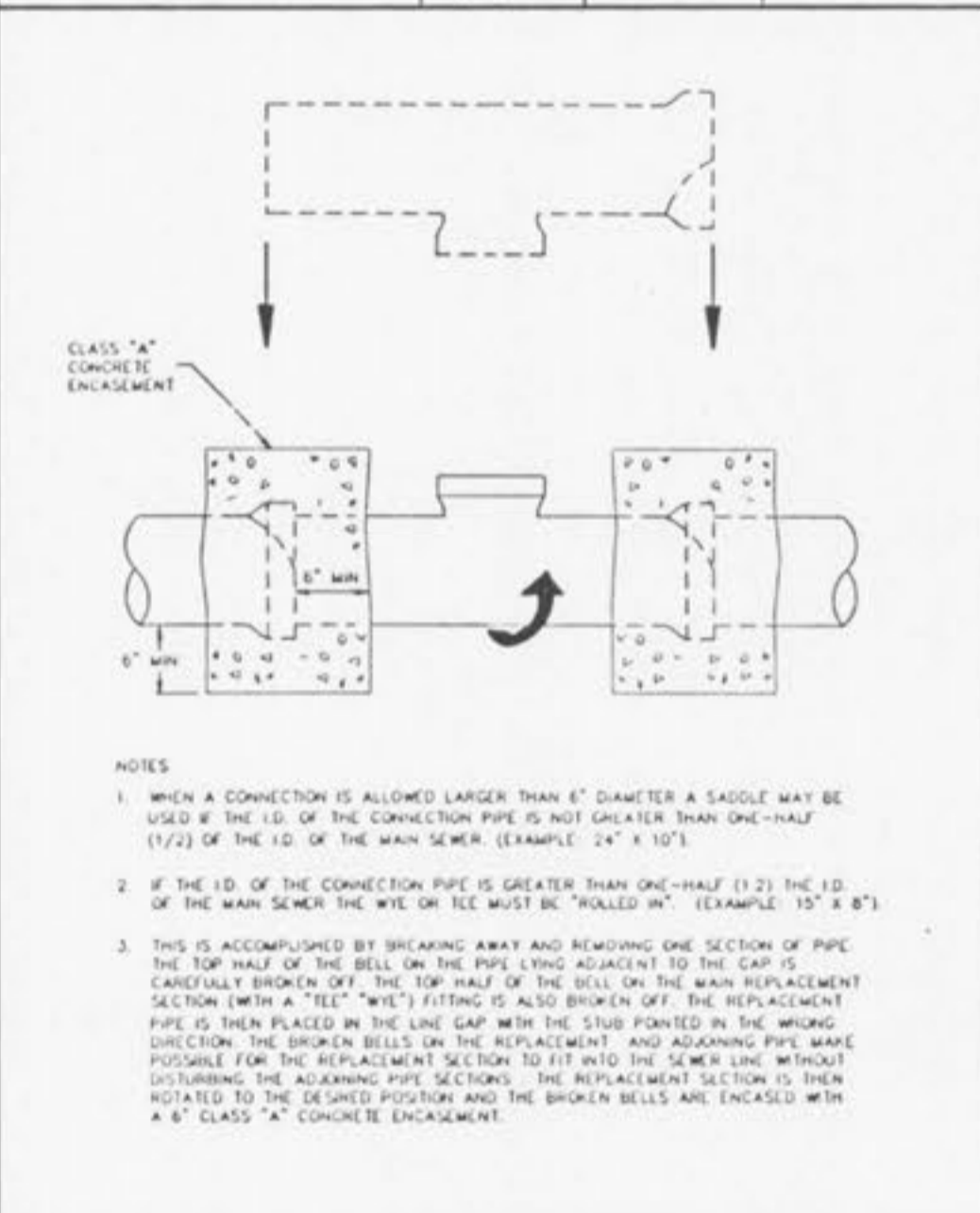
MACHINE TAP
METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
Dr. W.S.H. / Ch. J.C.K. / 1992 / SHEET 60



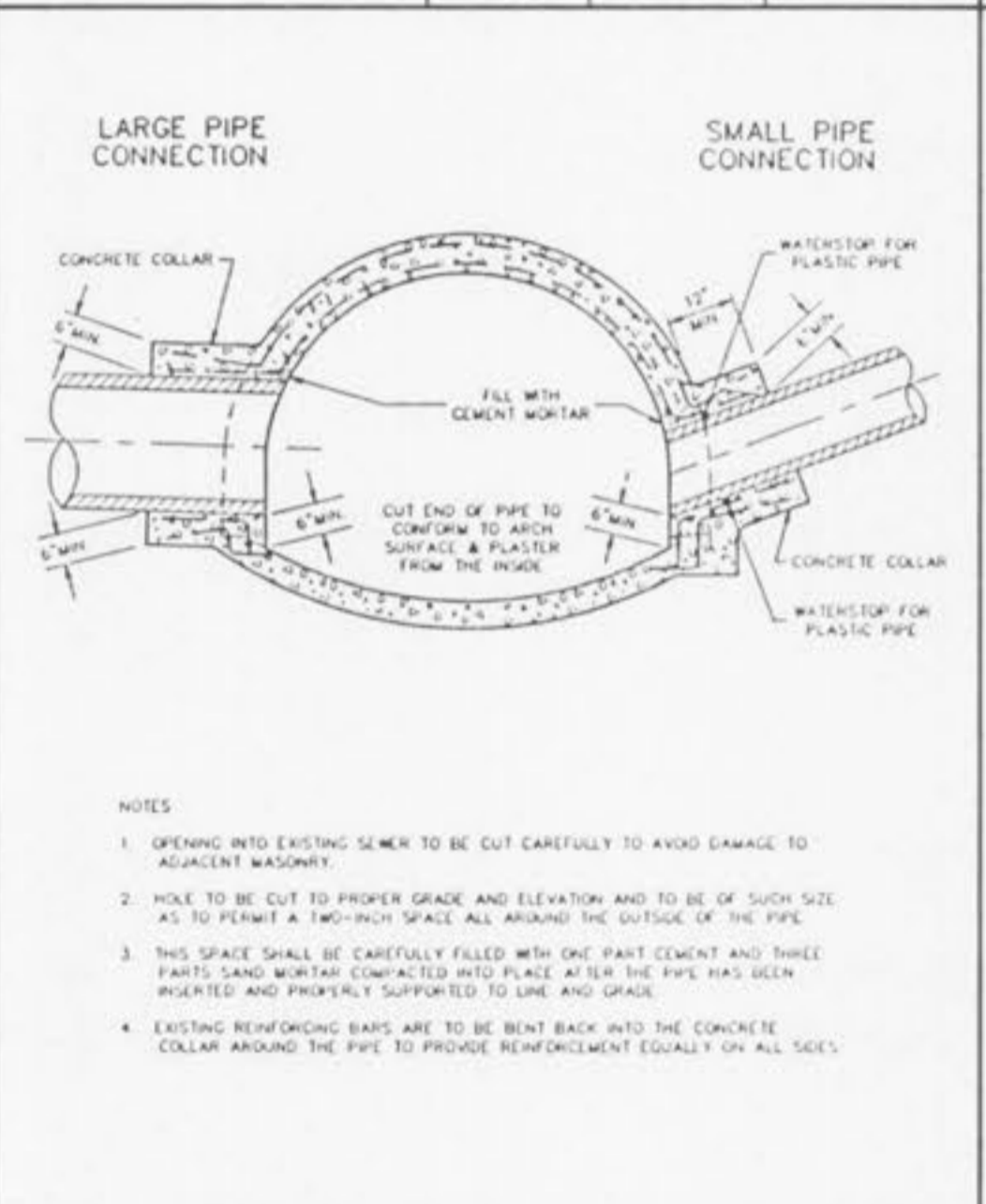
HOUSE CONNECTIONS ALLOWED BY TEE SADDLE
METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
Dr. D.A.B. / Ch. J.C.K. / 1992 / SHEET 61



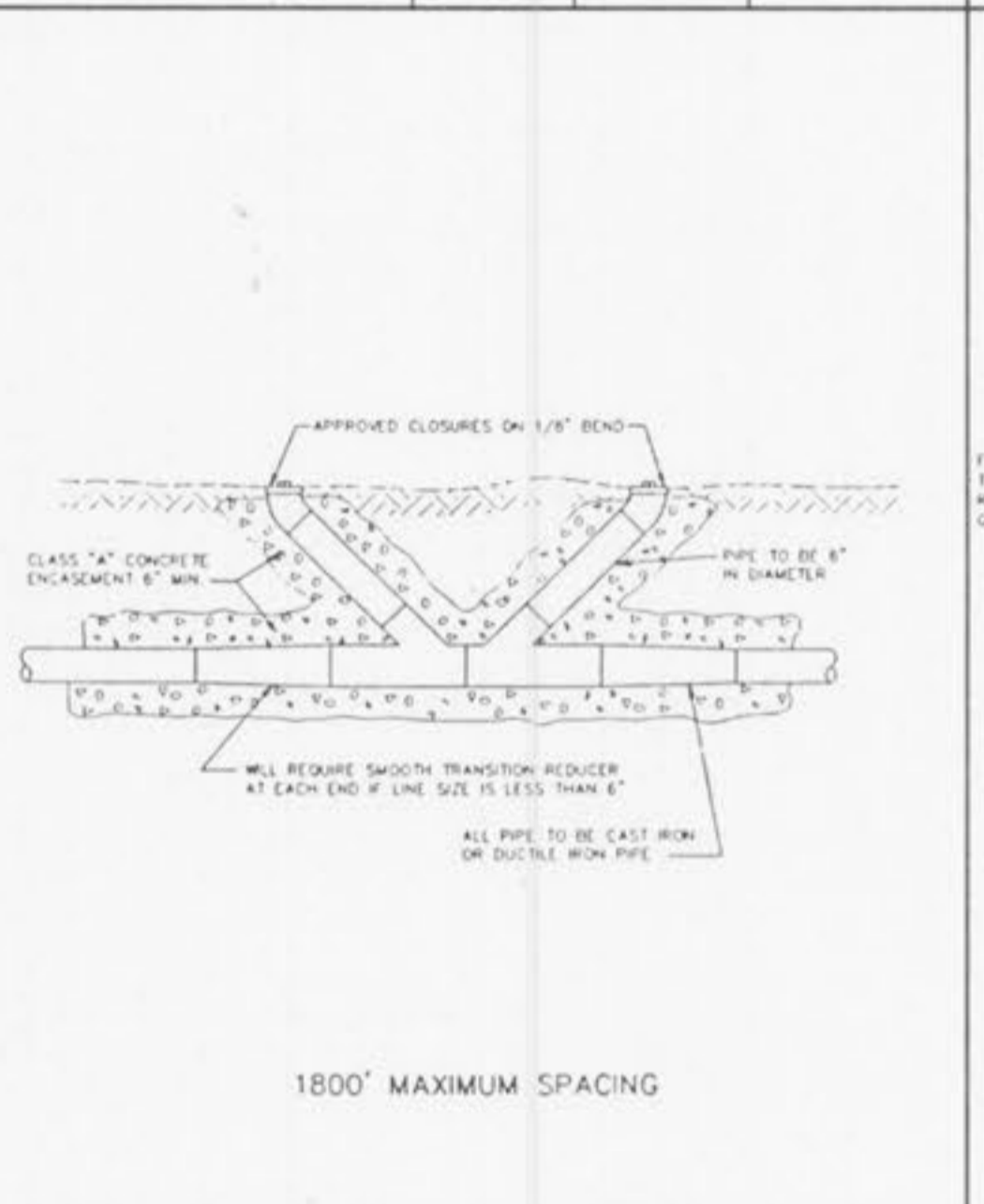
8" (& LARGER) CONNECTION TO PLASTIC MAIN
METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
Dr. D.A.B. / Ch. J.C.K. / 1992 / SHEET 62



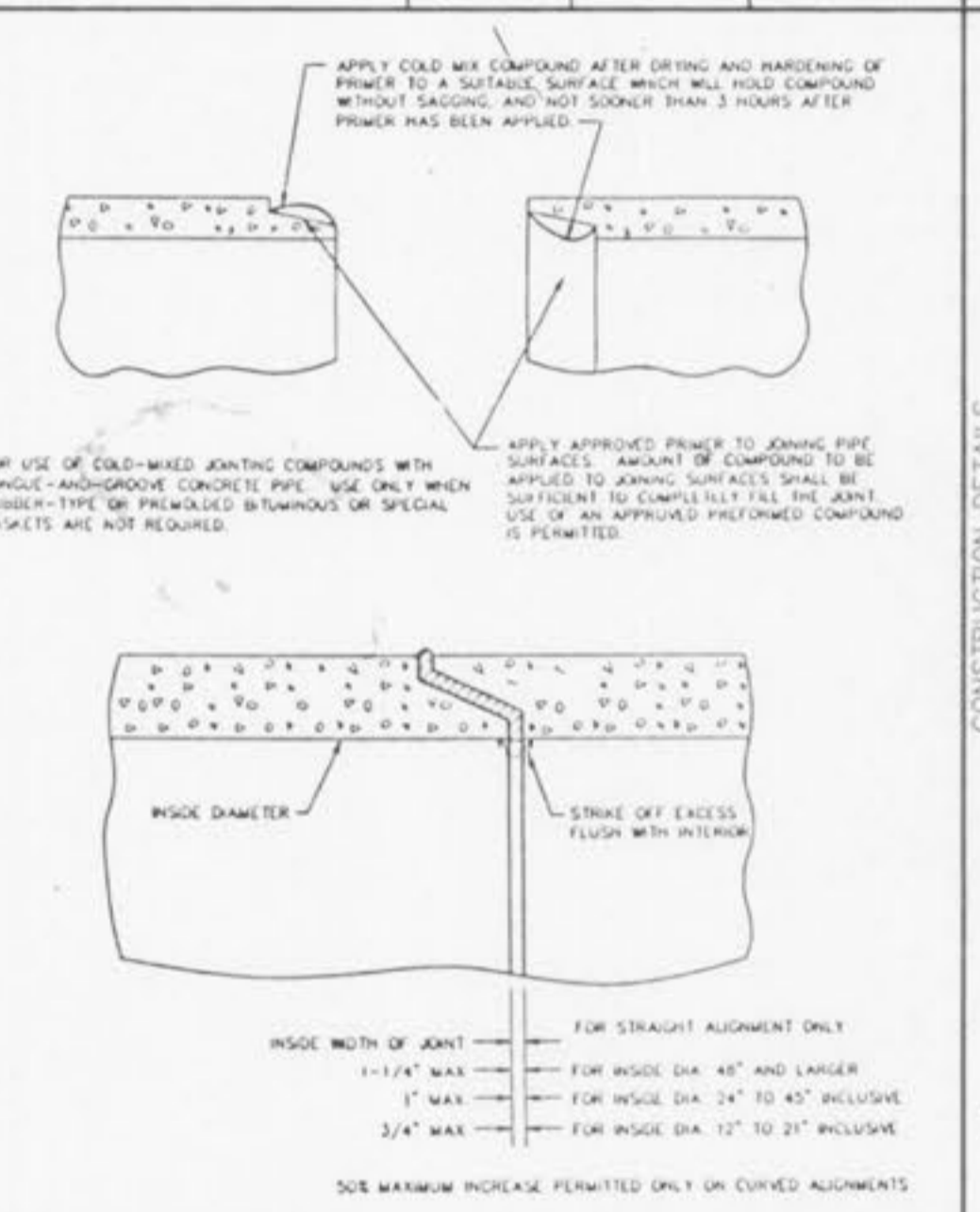
"ROLL-IN" (FOR EXISTING CLAY OR CONCRETE PIPE)
METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
Dr. D.A.B. / Ch. J.C.K. / 1992 / SHEET 63



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