

**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

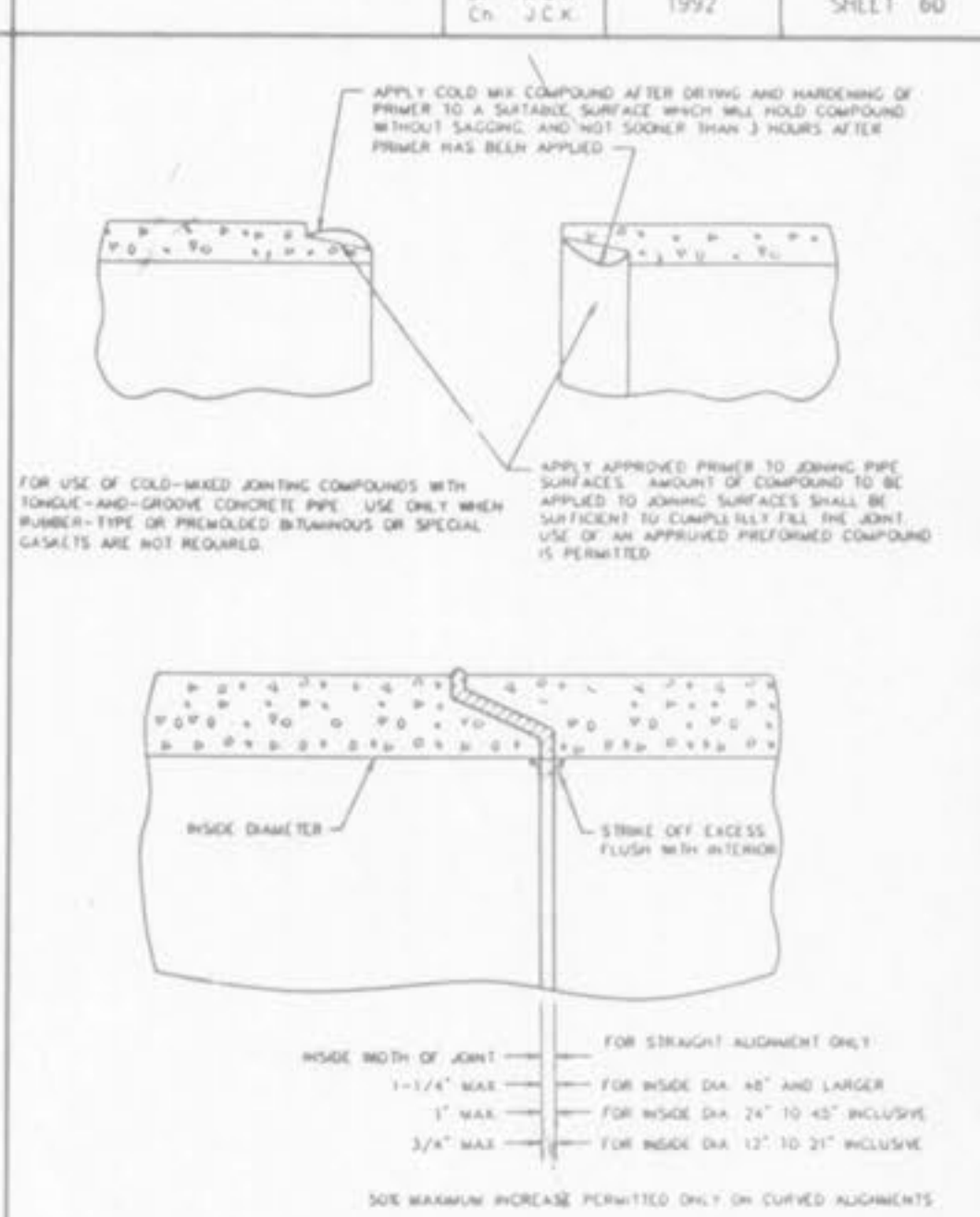
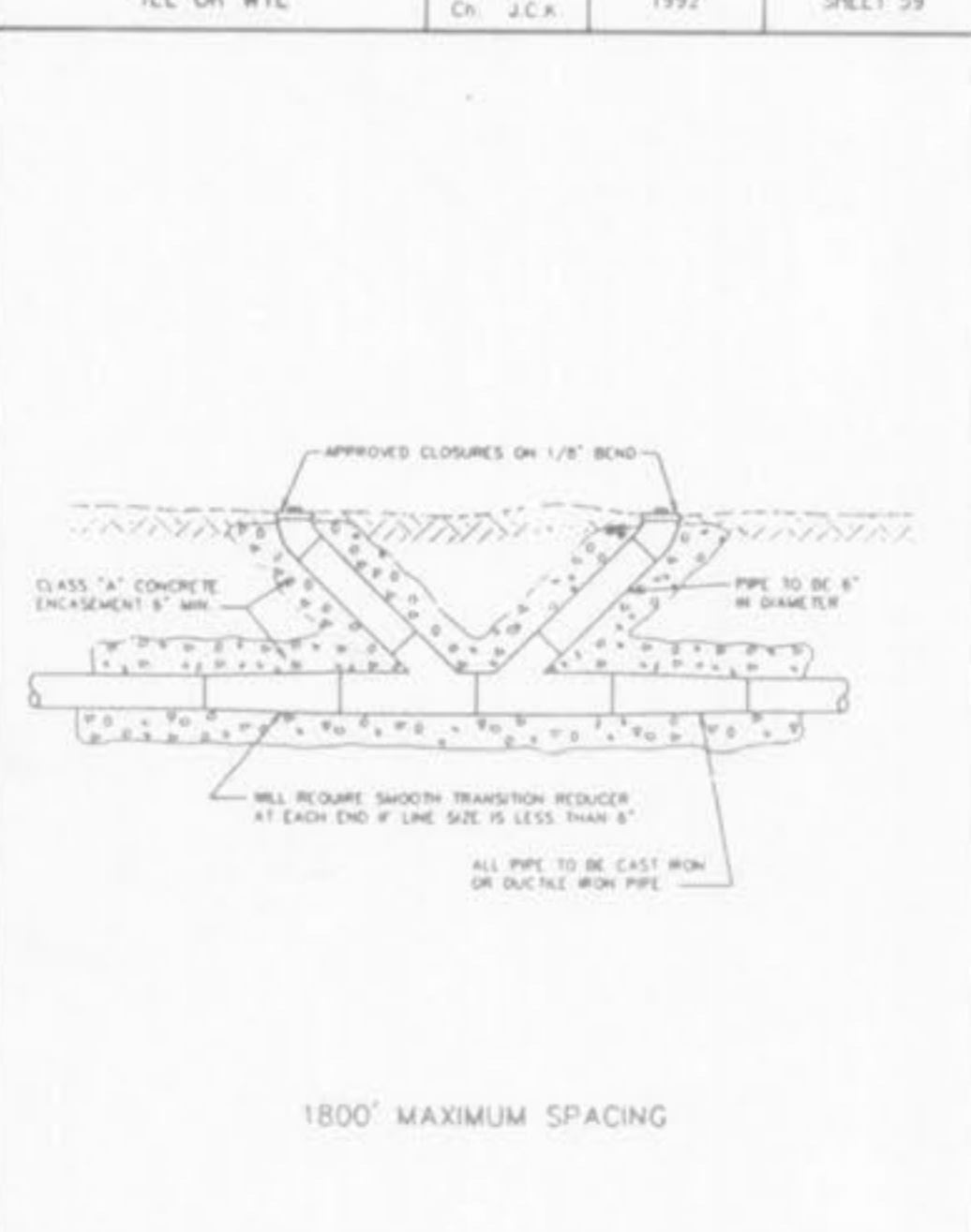
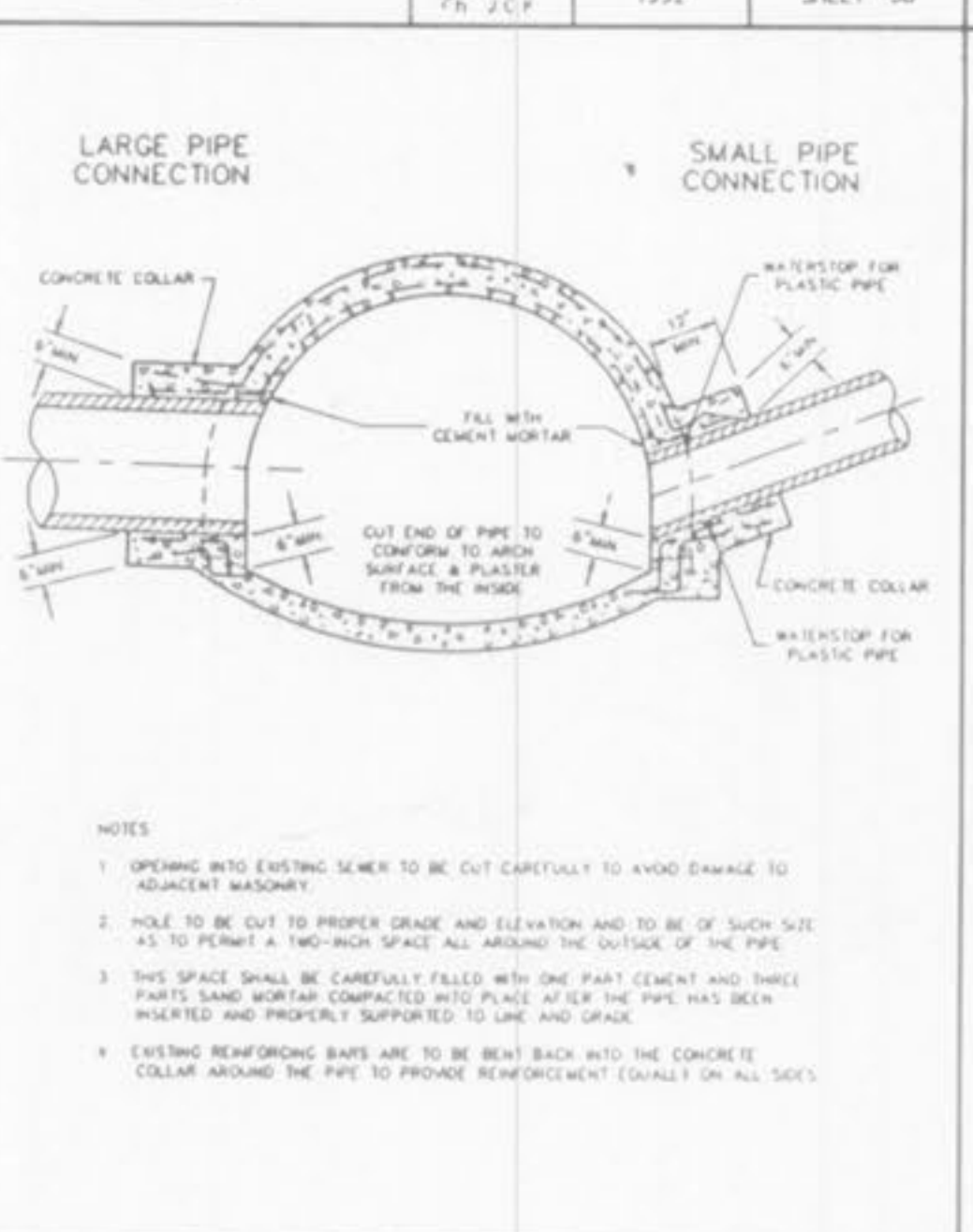
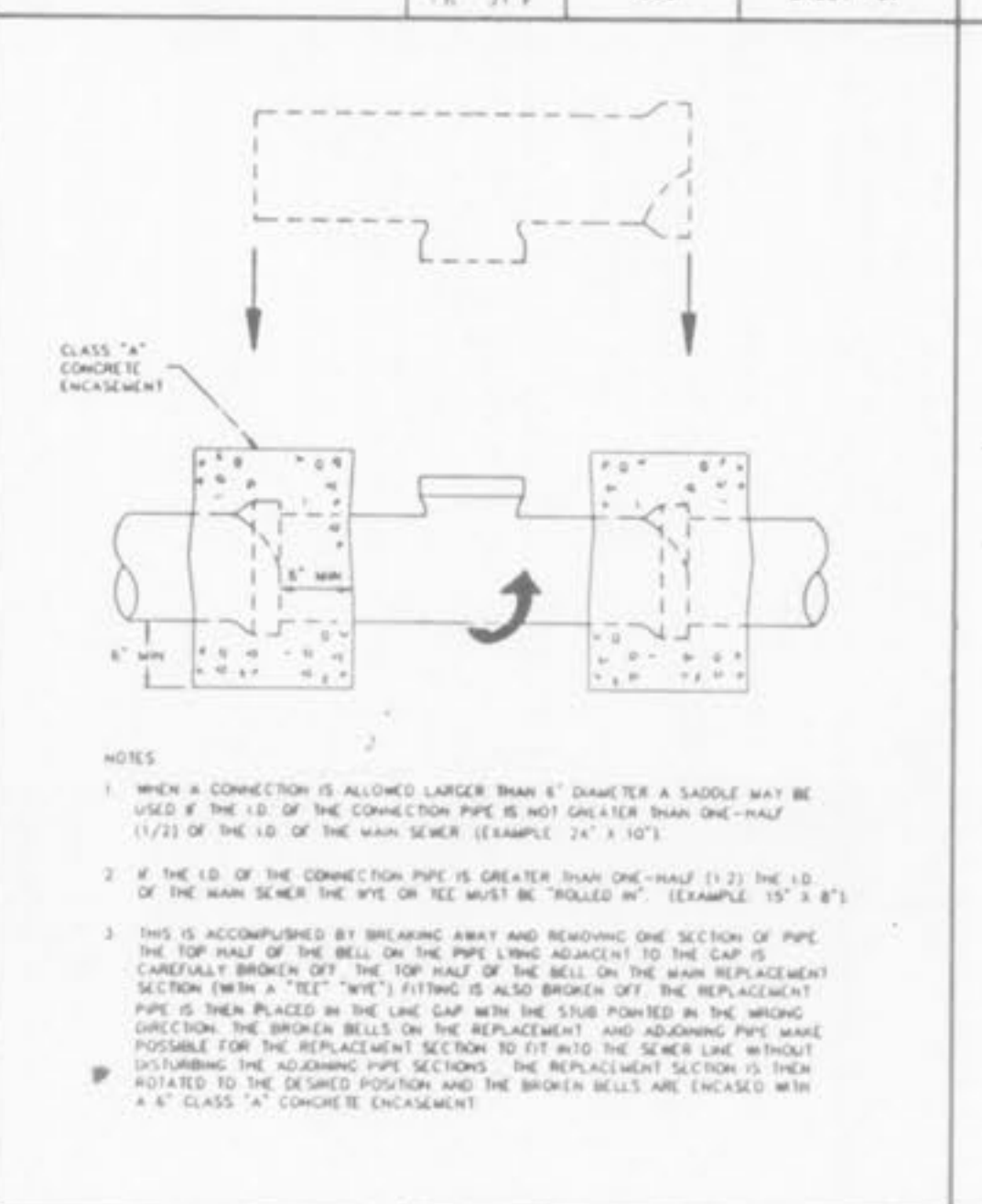
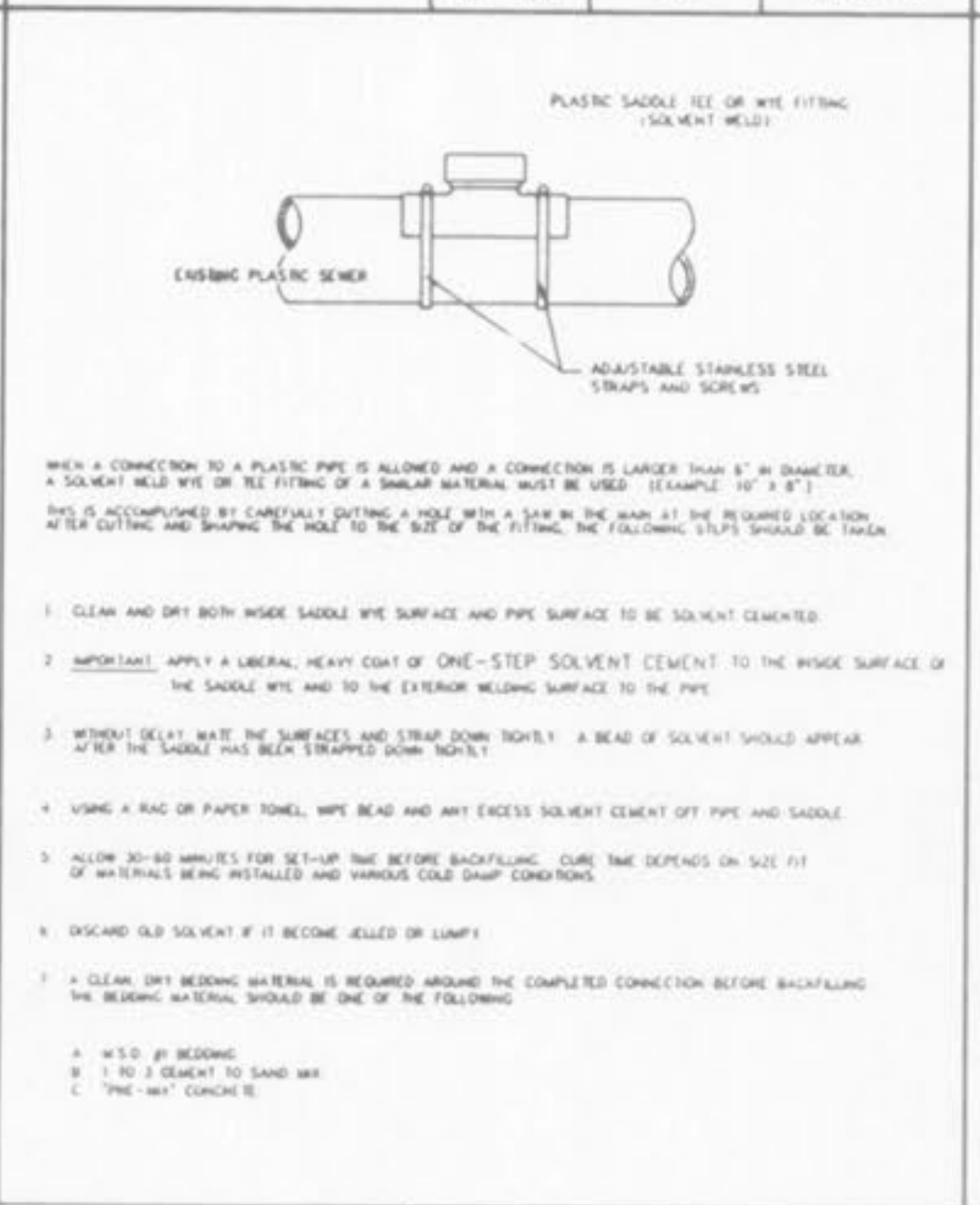
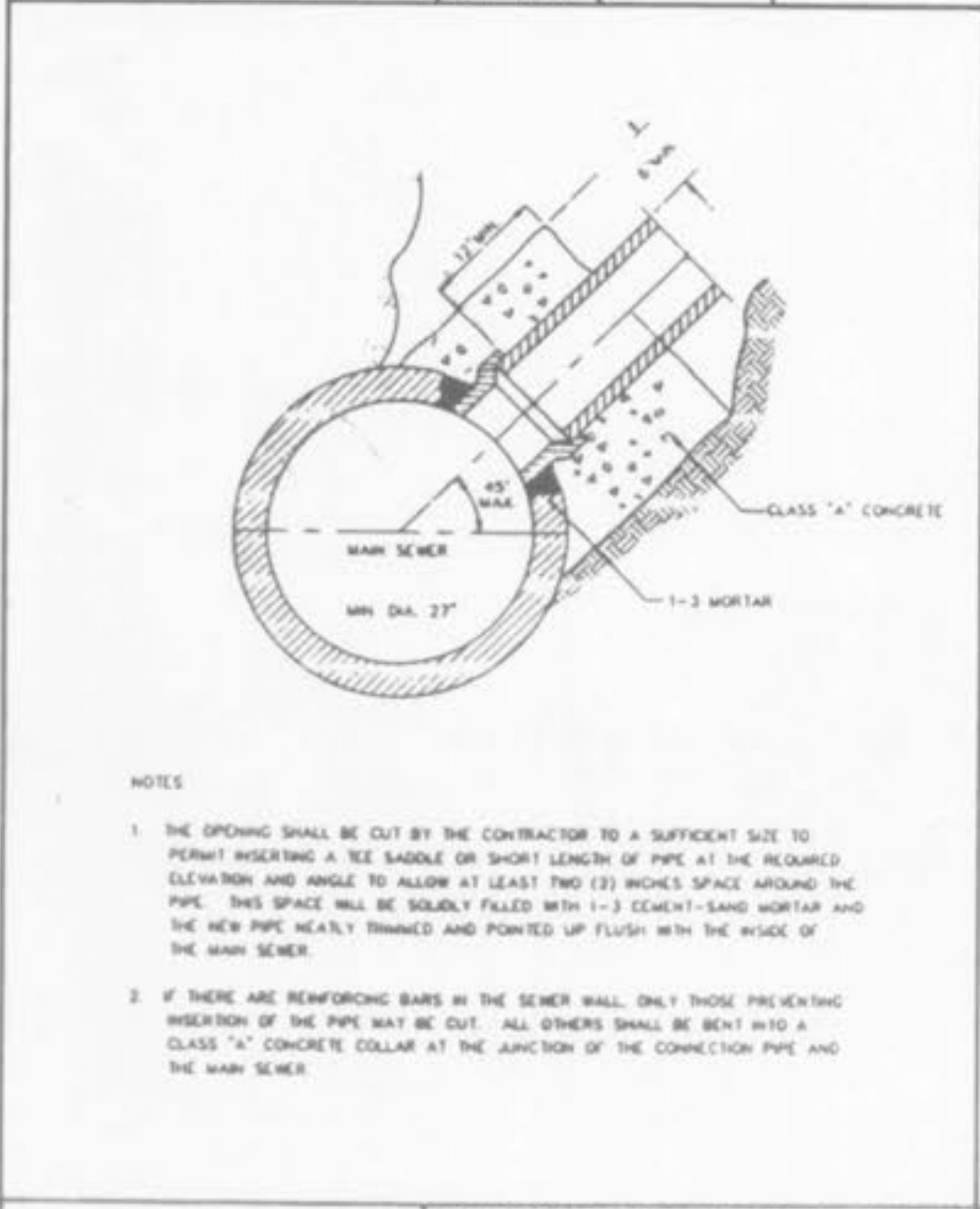
**GUTTER SUMP FOR LIP CURB**  
 METROPOLITAN ST. LOUIS SEWER DISTRICT  
 Standard Details of Sewer Construction  
 Dr. R.C.W. Ch. J.C.K. 1992 SHEET 56

**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.C.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.C.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

