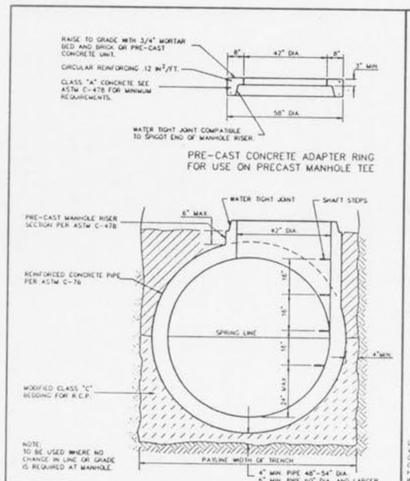
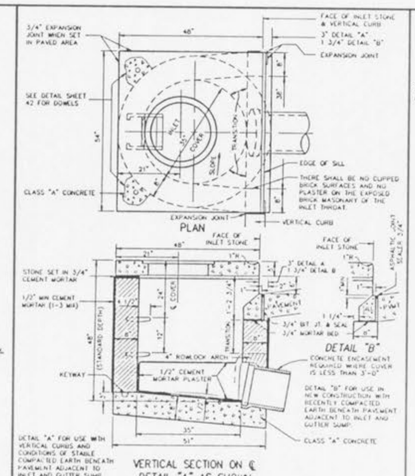


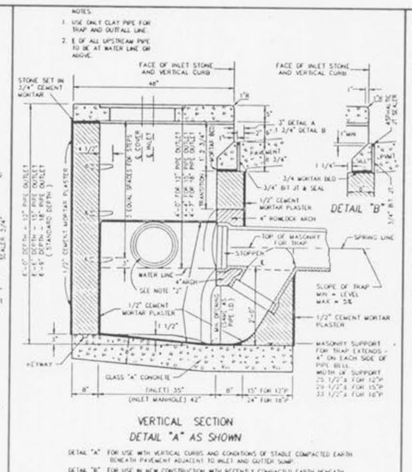
TYPICAL PRE-CAST MH. TEE FOR REINFORCED CONCRETE PIPE SEWERS 48" AND LARGER IN DIAMETER

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. W.S.H. Ch. J.C.K.	1992	SHEET 19	



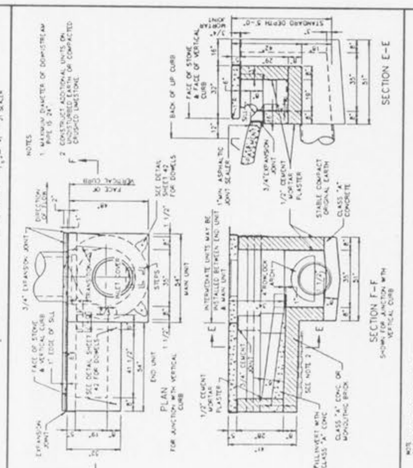
UNTRAPPED STREET INLET BRICK CONSTRUCTION

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. W.S.H. Ch. J.C.P.	1992	SHEET 20	



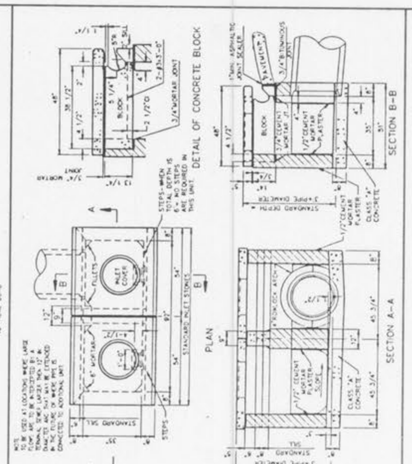
TRAPPED STREET INLET BRICK CONSTRUCTION

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. W.S.H. Ch. J.C.P.	1992	SHEET 21	



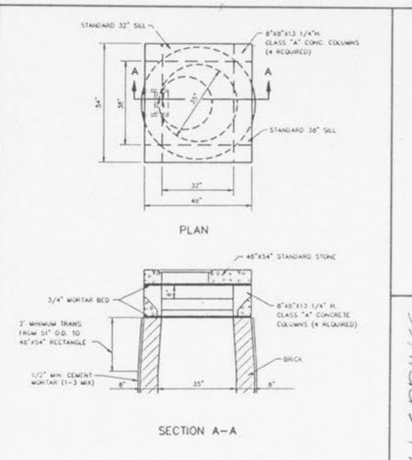
MULTIPLE STREET INLET BRICK CONSTRUCTION

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. D.A.B. Ch. J.C.P.	1992	SHEET 22	



DOUBLE UNTRAPPED STREET INLET BRICK CONSTRUCTION

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. D.A.B. Ch. J.C.K.	1992	SHEET 23	

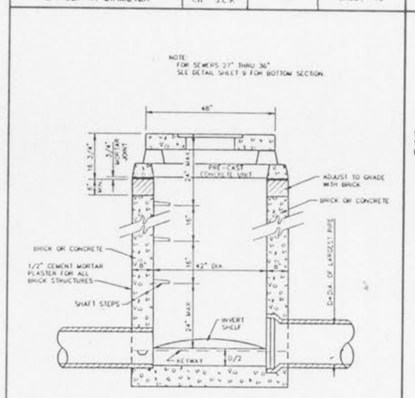


AREA INLET OPEN 4 SIDES BRICK CONSTRUCTION

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. R.G.W. Ch. J.C.K.	1992	SHEET 24	

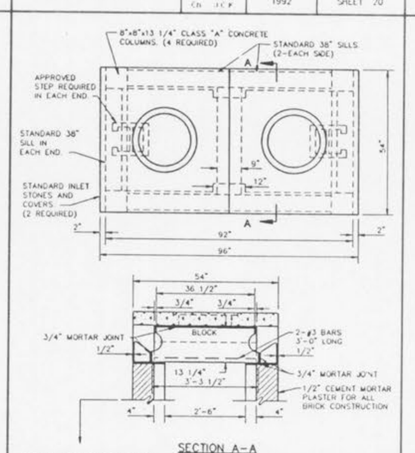
INDIAN SPRINGS 96-8861 FEB. 1997

CONSTRUCTION DETAILS



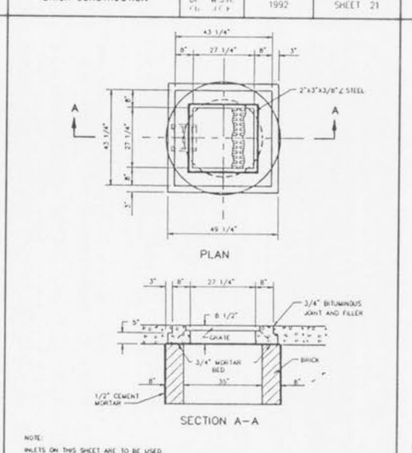
AREA INLET MANHOLE (12" THRU 24")

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. R.G.W. Ch. J.C.K.	1992	SHEET 25	



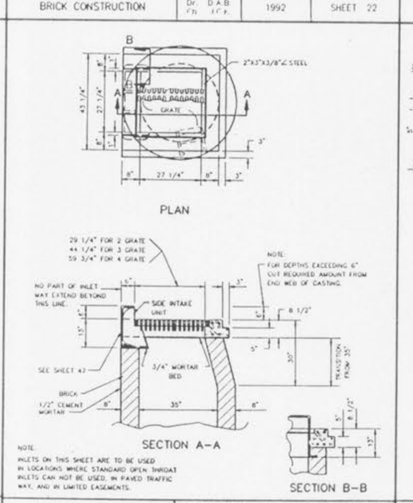
DOUBLE AREA INLET OPEN 4 SIDES BRICK CONSTRUCTION

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. R.G.W. Ch. J.C.K.	1992	SHEET 26	



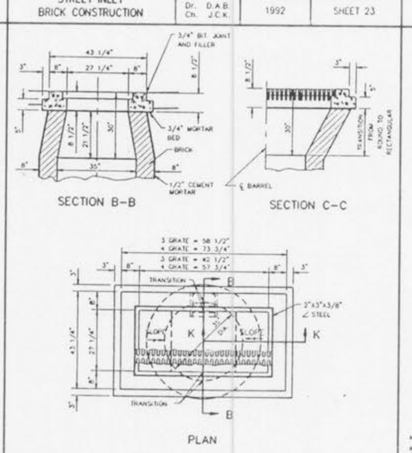
2 GRATE INLET BRICK CONSTRUCTION

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. R.G.W. Ch. J.C.K.	1992	SHEET 27	



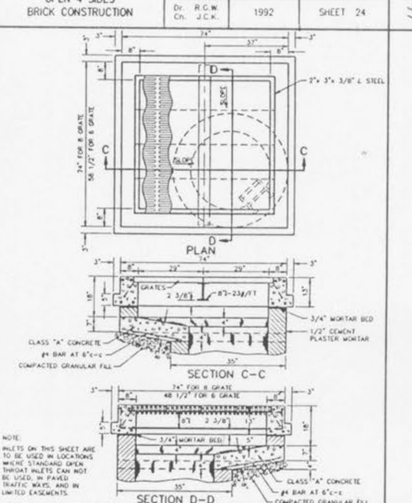
2 GRATE INLET WITH SIDE INTAKE BRICK CONSTRUCTION

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. R.G.W. Ch. J.C.K.	1992	SHEET 28	



3 & 4 GRATE INLET BRICK CONSTRUCTION

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. R.G.W. Ch. J.C.K.	1992	SHEET 29	



6 & 8 GRATE INLET BRICK CONSTRUCTION

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. W.S.H. Ch. J.C.K.	1992	SHEET 30	

PRECAST CONCRETE STORMWATER STRUCTURES

MINIMUM DISTANCE FLOWLINE TO TOP OF STONE OR GRATE

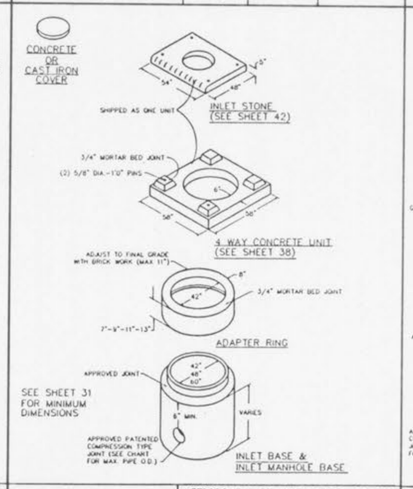
PIPE ID NOMINAL INCHES	AREA INLET CIRCULAR BASE DIA. 42"	48"	60"	2 GRATE INLET CIRCULAR BASE DIA. SQUARE 42"	48"	60" (MAX.)	SINGLE STREET INLET CIRCULAR BASE DIA. RECTANGLE 42"	48"	60" (MAX.)
12"	45"			36"		31"	48"		41"
15"	48"			41"		34"	51"		44"
18"	52"			44"		37"	55"		48"
21"	55"			47"		40"	58"		51"
24"		58"			51"	44"		61"	54"
27"			78"			71"	NA		81"	NA
30"			82"			74"	NA		85"	NA
33"			85"			77"	NA		88"	NA

(SEE SHEET 32 FOR DETAIL) (SEE SHEET 33 FOR DETAIL) (SEE SHEET 34 FOR DETAIL)

NOTE: 1. 48" DIA. BASE REQUIRES 7" HIGH TRANSITION SECTION TO 42" DIA., SIMILAR TO "ADAPTER RING" SHEET 32.
2. 60" DIA. BASE REQUIRES 24" HIGH CONCENTRIC REDUCER TRANSITION TO 42" DIA., SIMILAR TO "ADAPTER RING" SHEET 32.

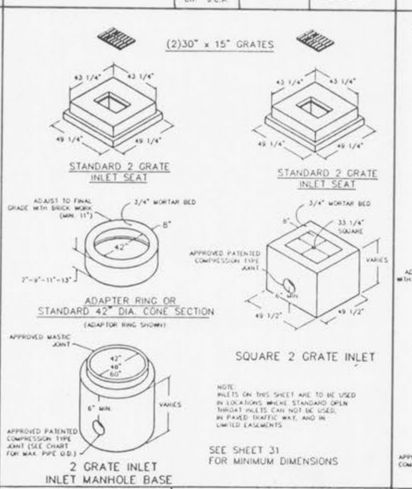
PRECAST CONCRETE STORMWATER STRUCTURES

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. J.L.G. Ch. J.C.K.	SEPT. 1990	SHEET 31	



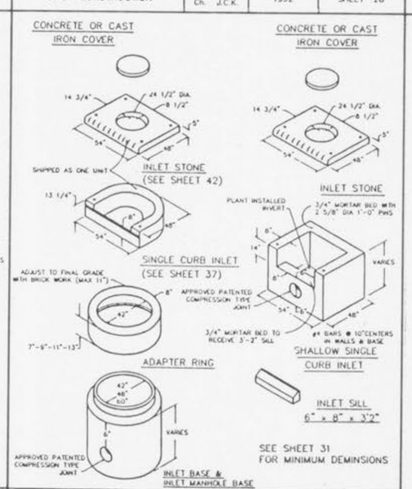
AREA INLET PRECAST CONCRETE

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. J.L.G. Ch. J.C.K.	APRIL 1992	SHEET 32	



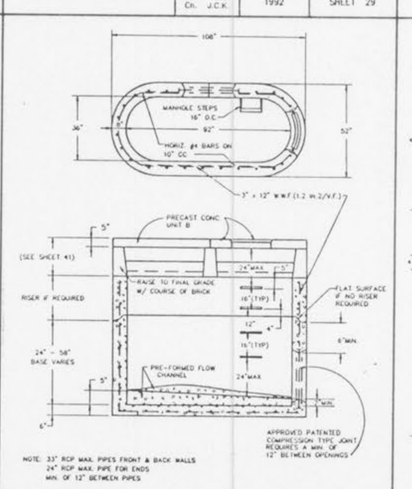
2 GRATE INLETS PRECAST CONCRETE

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. J.L.G. Ch. J.C.K.	APRIL 1992	SHEET 33	



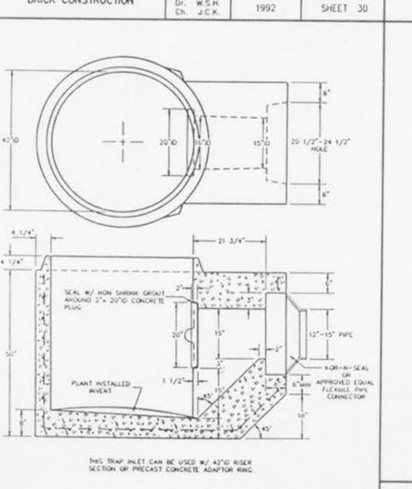
SINGLE STREET INLETS PRECAST CONCRETE

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. J.L.G. Ch. J.C.P.	APRIL 1991	SHEET 34	



DOUBLE UNTRAPPED STREET INLET PRECAST CONCRETE

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. J.L.G. Ch. J.C.K.	SEPT. 1992	SHEET 35	



TRAPPED STREET INLET BASE PRECAST CONCRETE

METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*			
Dr. W.S.H. Ch. J.C.K.	1992	SHEET 36	

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