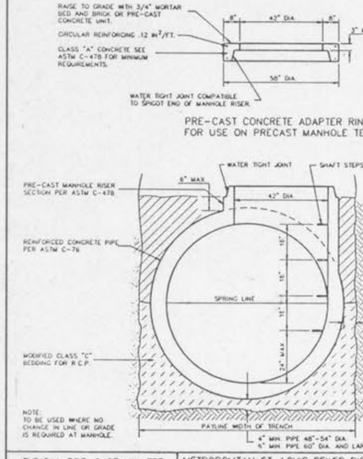
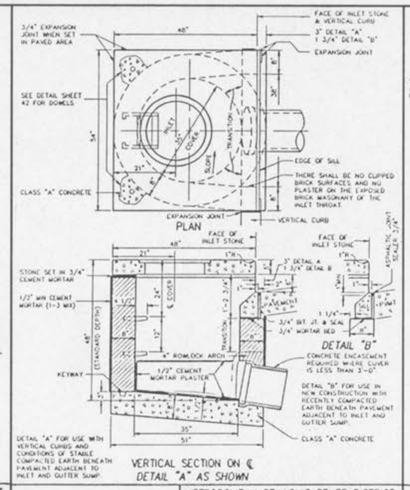
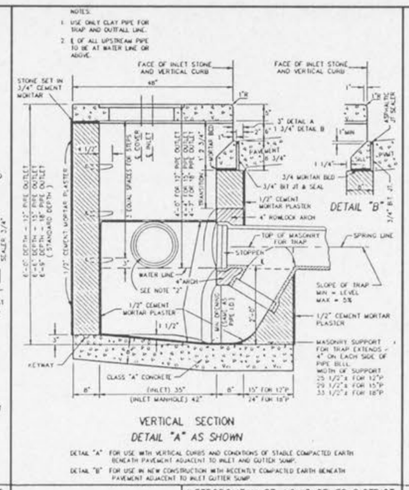


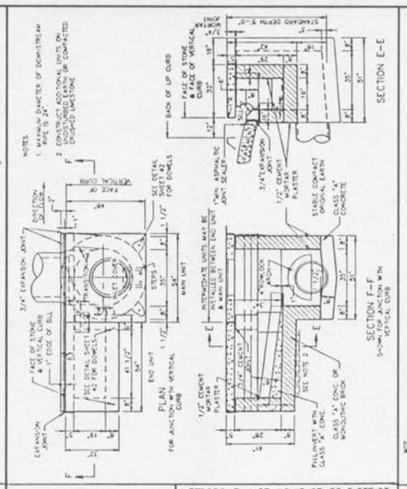
TYPICAL PRE-CAST MH. TEE FOR REINFORCED CONCRETE PIPE SEWERS 48" AND LARGER IN DIAMETER	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. W.S.H. Ch. J.C.K.	1992	SHEET 19



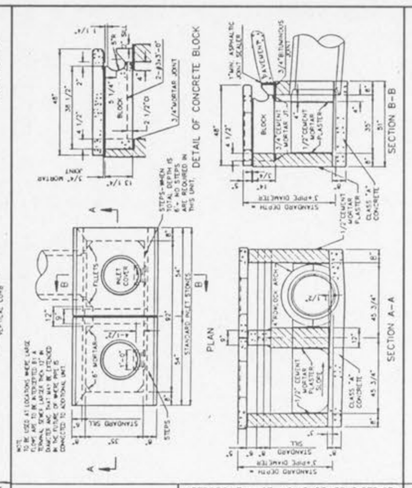
UNTRAPPED STREET INLET BRICK CONSTRUCTION	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. W.S.H. Ch. J.C.K.	1992	SHEET 20



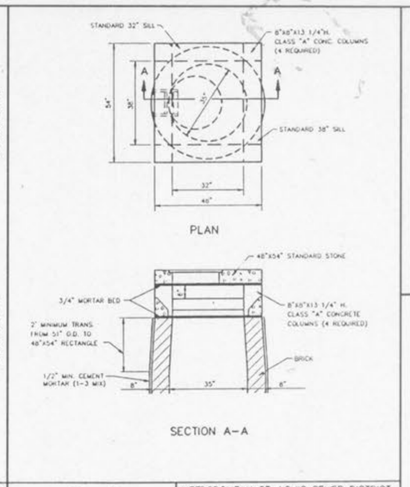
TRAPPED STREET INLET BRICK CONSTRUCTION	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. W.S.H. Ch. J.C.K.	1992	SHEET 21



MULTIPLE STREET INLET BRICK CONSTRUCTION	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. D.A.B. Ch. J.C.K.	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

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

CONSTRUCTION DETAILS
BRIGHTON POINT
PHASE THREE
MAY 17, 1999
96-81601

CONSTRUCTION DETAILS

PRECAST CONCRETE STORMWATER STRUCTURES

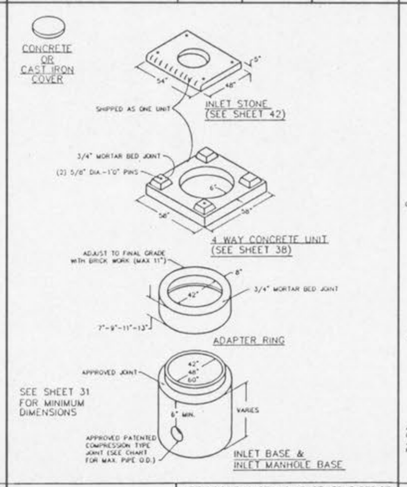
MINIMUM DISTANCE FLOWLINE TO TOP OF STONE OR GRATE

PIPE ID NOMINAL INCHES	AREA INLET CIRCULAR BASE DIA. 42"	48"	60"	2 GRATE INLET CIRCULAR BASE DIA. 42"	48"	60"	SQUARE (MAX)	SINGLE STREET INLET CIRCULAR BASE DIA. 42"	48"	60"	RECTANGLE (MAX)
12"	45"			38"			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"			83"			77"	NA			88"	NA

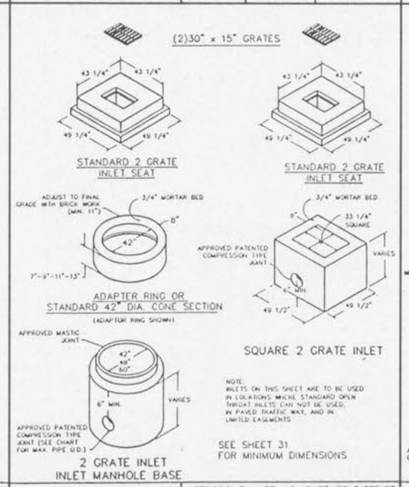
(SEE SHEET 32 FOR DETAIL) (SEE SHEET 33 FOR DETAIL) (SEE SHEET 34 FOR DETAIL)

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.

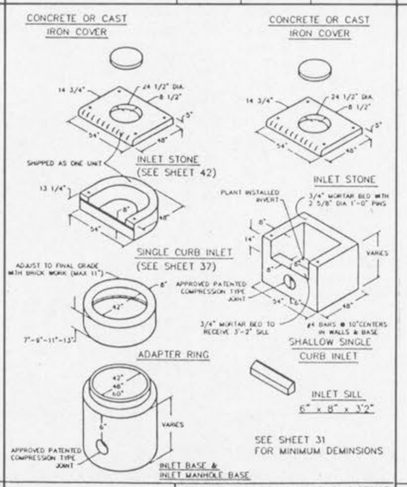
PRECAST CONCRETE STORMWATER STRUCTURES	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. J.L.G. Ch. J.C.K.	SEPT. 1990	SHEET 31



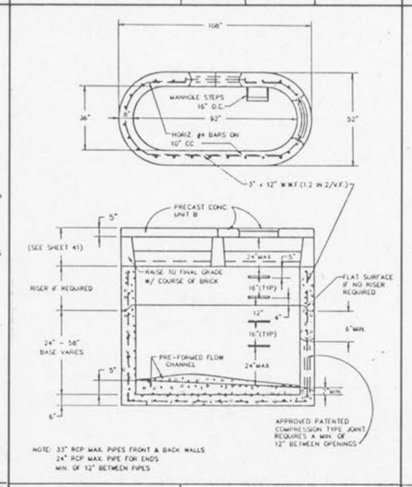
AREA INLET PRECAST CONCRETE	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. J.L.G. Ch. J.C.K.	APRIL 1992	SHEET 32



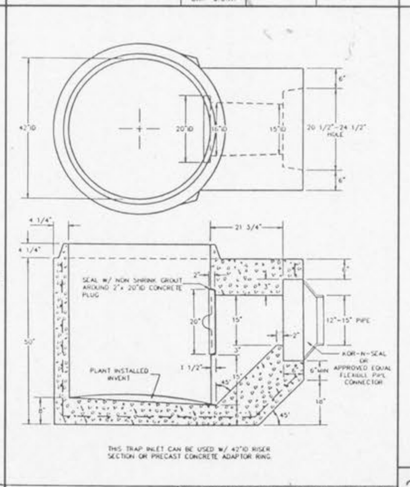
2 GRATE INLETS PRECAST CONCRETE	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. J.L.G. Ch. J.C.K.	APRIL 1992	SHEET 33



SINGLE STREET INLETS PRECAST CONCRETE	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. J.L.G. Ch. J.C.K.	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