PRECAST CONCRETE STORMWATER STRUCTURES

MINIMUM DISTANCE FLOWLINE TO TOP OF STONE OR GRATE

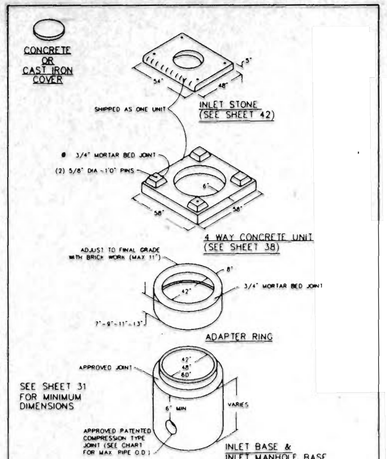
PIPE ID NOMINAL INCHES	AREA INLET CIRCULAR BASE DIA. 42"	48"	60"	2 GRATE INLET CIRCULAR BASE DIA. 42"	48"	60"	SQUARE (MAX.)	SINGLE STREET INLET CIRCULAR BASE DIA. 42"	48"	60"	RECTANGLE (MAX.)
12"	45"			38"			31"	48"			41"
15"	48"			41"			34"	51"			44"
18"	52"			44"			37"	55"			48"
21"	55"			47"			40"	58"			51"
24"		58"			51"		44"		61"		54"
27"			78"			71"	NA			81"	NA
30"			83"			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)

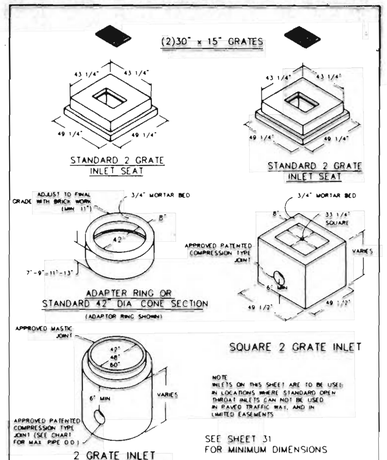
NOTE 1 48" DIA BASE REQUIRES 7" HIGH TRANSITION SECTION TO 42" DIA., SIMILAR TO "ADAPTER RING" SHEET 32

2 60" DIA BASE REQUIRES 24" HIGH CONCENTRIC REDUCER TRANSITION TO 42" DIA., SIMILAR TO "ADAPTER RING" SHEET 32

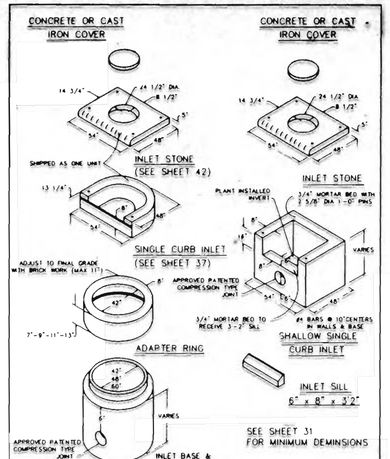
PRECAST CONCRETE STORMWATER STRUCTURES	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. J.L.G Ch. J.C.K	SEPT. 1990	SHEET 31



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

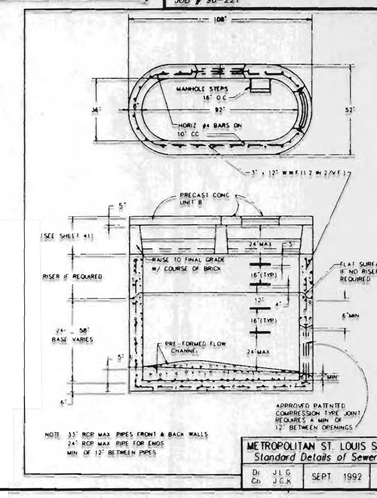


SINGLE STREET INLETS PRECAST CONCRETE	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. J.L.G Ch. J.C.K	APRIL 1991	SHEET 34

DOUBLE UNTRAPPED STREET INLET PRECAST CONCRETE

BERKSHIRE DOWNS CONSTRUCTION DETAILS

JOB # 96-221 APRIL 1992



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

PRE-CAST CONCRETE UNIT FOR SINGLE STREET INLET	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. W.S.H Ch. J.C.K	1992	SHEET 37

PRE-CAST CONCRETE UNIT FOR 4 WAY AREA INLET	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. D.A.B Ch. J.C.K	1992	SHEET 38

CONCRETE DOUBLE STREET INLET W/PRE CAST CONCRETE UNIT A	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. R.G.W Ch. J.C.K	1992	SHEET 39

PRE-CAST CONCRETE UNIT A FOR STREET DOUBLE INLET	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. R.G.W Ch. J.C.K	1992	SHEET 40

PRE-CAST CONCRETE UNIT B FOR STREET DOUBLE INLET	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. R.G.W Ch. J.C.K	1992	SHEET 41

STANDARD - INLET STONES, BLOCKS & DESIGN DETAILS	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	Dr. W.S.H Ch. J.C.K	1992	SHEET 42

E - CAST CONCRETE INLET COVER	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construc*		
	Dr. R.G.W Ch. J.C.K	1992	SHEET 43

DETAILS OF INLET FRAME AND GRATES	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	DR R.G.W Ch J.C.K	1992	SHEET 44

DETAIL OF STEEL GRATE	METROPOLITAN ST. LOUIS SEWER DISTRICT *Standard Details of Sewer Construction*		
	D. W.	1992	SHEET