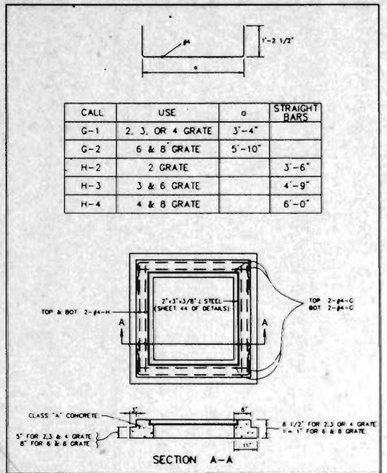
BERKSHIRE DOWNS CONSTRUCTION DETAILS

JOB # 96-221 — APRIL 1997

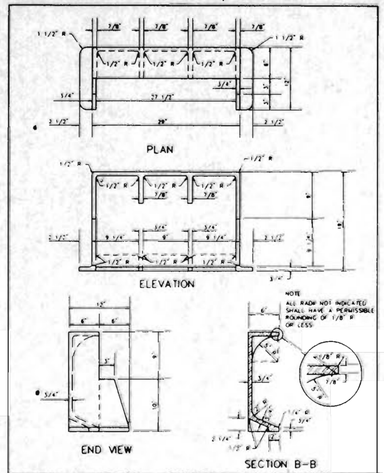
CALL	USE	a	STRAIGHT BARS
G-1	2, 3, OR 4 GRATE	3'-4"	
G-2	6 & 8 GRATE	5'-10"	
H-2	2 GRATE		3'-6"
H-3	3 & 6 GRATE		4'-9"
H-4	4 & 8 GRATE		6'-0"



STEEL REQUIREMENTS FOR GRATE INLET SEAT

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

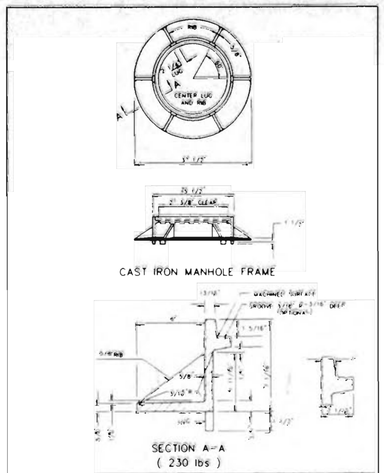
Dr. W.S.H. Ch. K.K.	1992	SHEET 46



CAST IRON SIDE INTAKE UNIT FOR GRATED INLETS 249 LBS.

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

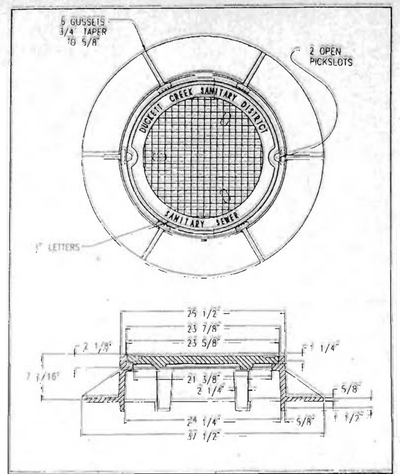
Dr. W.G.W. Ch. J.C.K.	1992	SHEET 47



CAST IRON MANHOLE FRAME

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

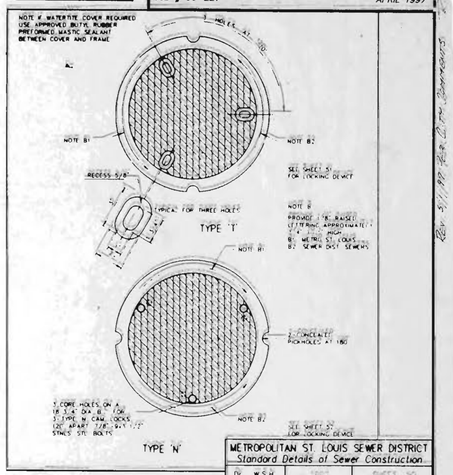
Dr. D.A.B. Ch. J.C.K.	1992	SHEET 48



MANHOLE RING & COVER

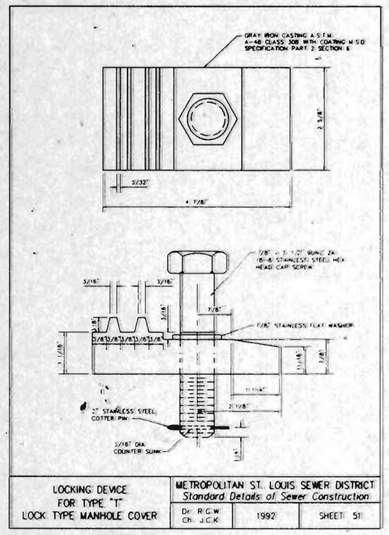
DUCKETT CREEK SANITARY DISTRICT
STANDARD CONSTRUCTION DETAIL
DETAIL NO. 49 — MAY 1996

CAST IRON MANHOLE COVERS (LOCK TYPE)



METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

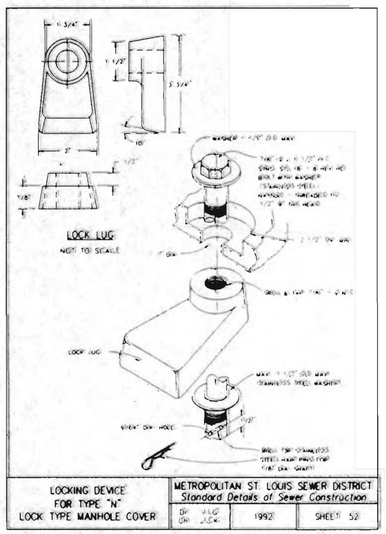
Dr. W.S.H. Ch. J.C.K.	1992	SHEET 50



LOCKING DEVICE FOR TYPE "T" LOCK TYPE MANHOLE COVER

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

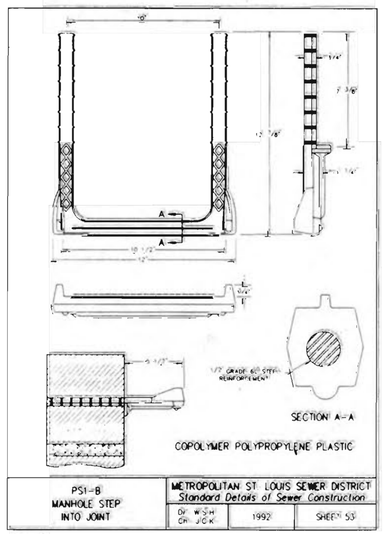
Dr. R.G.W. Ch. J.C.K.	1992	SHEET 51



LOCKING DEVICE FOR TYPE "N" LOCK TYPE MANHOLE COVER

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

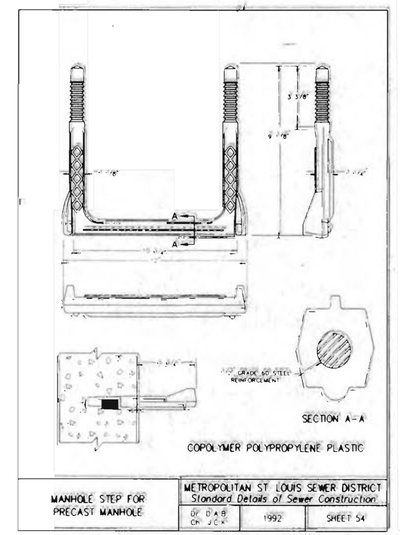
Dr. W.S.H. Ch. J.C.K.	1992	SHEET 52



PS1-B MANHOLE STEP INTO JOINT

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

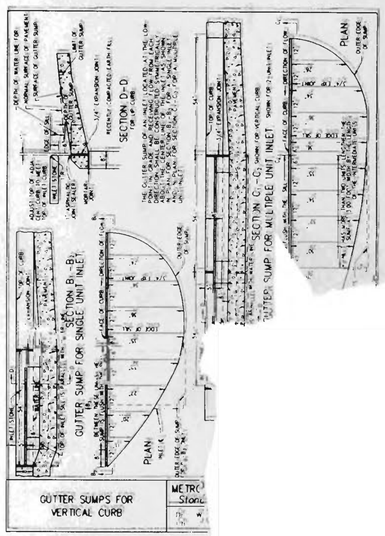
Dr. W.S.H. Ch. J.C.K.	1992	SHEET 53



MANHOLE STEP FOR PRECAST MANHOLE

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

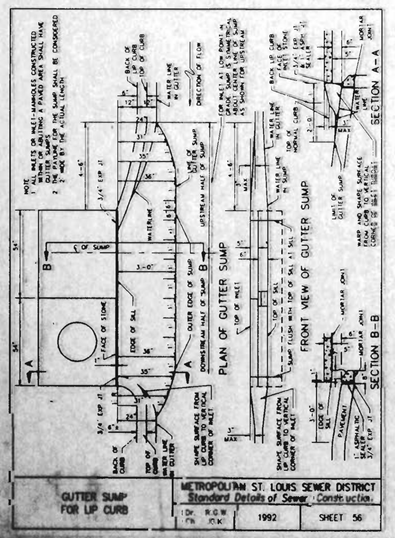
Dr. D.A.B. Ch. J.C.K.	1992	SHEET 54



GUTTER SUMPS FOR VERTICAL CURB

METRO
Stand

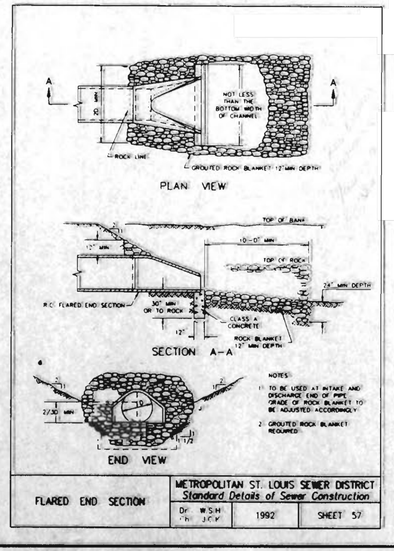
Dr. W	1992	SHEET



GUTTER SUMP FOR LIP CURB

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

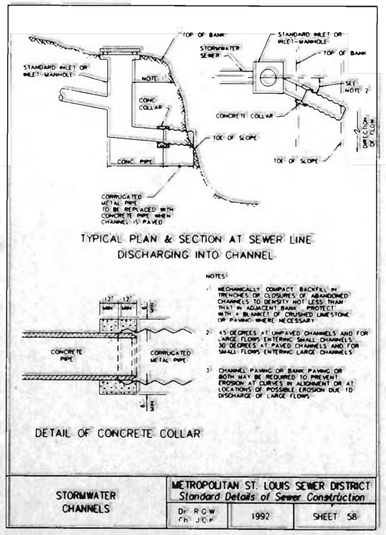
Dr. R.G.W. Ch. J.C.K.	1992	SHEET 56



FLARED END SECTION

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

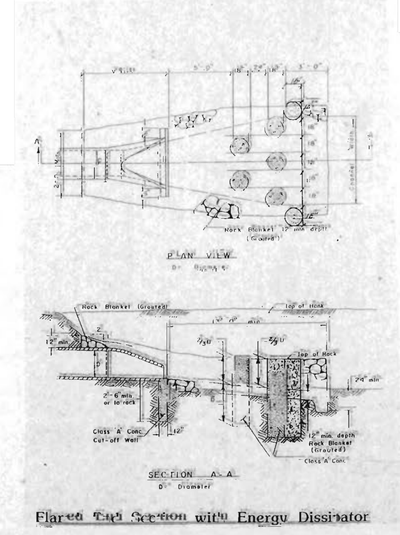
Dr. W.S.H. Ch. J.C.K.	1992	SHEET 57



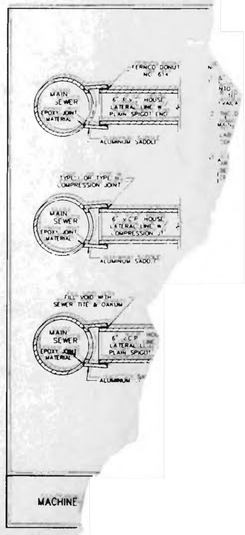
STORMWATER CHANNELS

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

Dr. R.G.W. Ch. J.C.K.	1992	SHEET 58



Flared End Section with Energy Dissipator



MACHINE