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"

SECTION A-A

STEEL REQUIREMENTS FOR GRATE INLET SEAT

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

Dr. W.S.H. Ck. J.C.K.	1992	SHEET 46

PLAN

ELEVATION

END VIEW

SECTION B-B

CAST IRON SIDE INTAKE UNIT FOR GRATED INLETS 249 LBS.

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

Dr. R.G.W. Ck. J.C.K.	1992	SHEET 47

CAST IRON MANHOLE FRAME

SECTION A-A
(230 lbs)

CAST IRON MANHOLE FRAME

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

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

MACHINE CONTACTING SURFACES FOR SEAT OF STANDARD MANHOLE FRAME AND BEARING SURFACE COVERS

85 LBS.

SECTION A-A

STANDARD CAST IRON INLET COVER

TYPE "B" 152 LBS.

TYPE "A" 145+ LBS.

SECTION C-C

SECTION D-D

PLAN OF SLOTTED-TYPE COVER PLAN OF CLOSED-TYPE COVER

STANDARD CAST IRON MANHOLE COVERS

CAST IRON COVERS MANHOLES AND INLETS

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

Dr. R.G.W. Ck. J.C.K.	1992	SHEET 49

CAST IRON MANHOLE COVERS (LOCK TYPE)

VILLAGES AT DARDENNE-BATES VILLAGE
CONSTRUCTION DETAILS

Jan. 1996 — Job No. 95-080

NOTE IF WATERTITE COVER REQUIRED USE APPROVED BUTYL RUBBER PREFORMED MASTIC SEALANT BETWEEN COVER AND FRAME

TYPE 'T'

TYPE 'N'

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

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

GRAY IRON CASTING A-48 CLASS 30B WITH COATING W.S.D. SPECIFICATION PART 2 SECTION R

LOCKING DEVICE FOR TYPE "T" LOCK TYPE MANHOLE COVER

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

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

LOCK LUG

NOT TO SCALE

LOCKING DEVICE FOR TYPE "N" LOCK TYPE MANHOLE COVER

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

Dr. J.L.G. Ck. J.C.K.	1992	SHEET 52

SECTION A-A

COPOLYMER POLYPROPYLENE PLASTIC

PS1-B MANHOLE STEP INTO JOINT

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

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

SECTION A-A

COPOLYMER POLYPROPYLENE PLASTIC

MANHOLE STEP FOR PRECAST MANHOLE

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

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

SECTION D-D

PLAN

SECTION A-A

SECTION B-B

GUTTER SUMPS FOR VERTICAL CURB

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

Dr. W.S.H. Ck. J.C.K.	1992	SHEET 55

PLAN OF GUTTER SUMP

FRONT VIEW OF GUTTER SUMP

SECTION A-A

SECTION B-B

GUTTER SUMP FOR LIP CURB

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

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

PLAN VIEW

SECTION A-A

END VIEW

FLARED END SECTION

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

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

TYPICAL PLAN & SECTION AT SEWER LINE DISCHARGING INTO CHANNEL

DETAIL OF CONCRETE COLLAR

STORMWATER CHANNELS

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

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

HOUSE CONNECTION

HOUSE CONNECTION TO EXISTING TEE OR WYE

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

Dr. D.A.B. Ck. J.C.K.	1992	SHEET 59

MACHINE TAP

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction

Dr. W.S.H. Ck. J.C.K.	1992	SHEET 60

08-30-96