

MIN.(1)-MAX.(3)
BRICK OR 2" PRECAST
CONC. ADJUSTMENT
RING COURSES FOR
ADJUSTING CASTING
TO FINISH GRADE

6" CONC. M.H. BLOCK
WITH MORTAR JOINTS
& FILLED VOIDS. OUTSIDE
FACE SHALL RECEIVE
1/2" MORTAR COAT AND
STRUCK SMOOTH.

CONCRETE BLOCK MANHOLE
MAY BE USED FOR STORM
SEWER ONLY

IF PIPE IS NOT LAID THROUGH
MANHOLE, CONSTRUCT FULL
DIA. CHANNEL WITH CL. "A"
CONCRETE. IF PIPE IS
LAID THRU MANHOLE
CL. "B" CONCRETE MAY
BE USED.

MORTAR FILLET(TYP.)

MINIMUM 4" 21AA STONE
BEDDING AND BACKFILL
UNDER MANHOLE BASE
AND TO FIRST PIPE
JOINT

NOTE: ALL SANITARY MANHOLES
SHALL BE PRECAST CONC.

NOTE: ALL MANHOLES MUST
HAVE ECCENTRIC CONES-
BOTH STORM AND SANITARY

NOTE: ALL SANITARY SEWER
OPENINGS SHALL BE
PRECAST WITH RUBBER
BOOT CONNECTIONS.

NOTE: CONCRETE BLOCK MANHOLE MAY
BE USED FOR STORM SEWER
ONLY, AND SHALL BE ECCENTRIC

FORM CHANNEL TO BEND FLOW
FROM LATERAL INTO MAIN SEWER

CASTING AS SPECIFIED

CASTING AND BRICK(S)
POINTED WITH MORTAR

REDUCTION CONES AS
NECESSARY


RUBBER O-RING GASKET
JOINTS (TYP.)

M.H. SECTION JOINTS
POINTED WITH MORTAR
(TYP.)

1/2" GALVANIZED STEEL SLEEVE
& CAP INSTALLED AT PIPE
CROWN, FLUSH WITH OUTSIDE
WALL, & EXTENDING 3" INSIDE.
CONTRACTOR SHALL SEAL
UPON COMPLETION OF TESTING.

PRECAST CONC. MANHOLE
SECTIONS.

PRECAST BASE
OR CL. "A" CONC.
IN PLACE

REVISIONS		REV. NO.	DR. BY	CH. BY	DATE
PUBLIC SERVICES DEPARTMENT CITY OF ANN ARBOR					
STANDARD MANHOLE (TYPE I) FOR 8" TO 30" SEWERS					
DR. BY	DF/DCO	CH. BY	CSS/DF	DRAWING NO.	
SCALE	NONE	DATE	11-6-92	SD-S-1	
INCH	0  1			SHEET NO. ____ OF ____	