



(A) BASE RISER AND NON GASKETED TOP SLAB TO BE SET ON A FULL MORTAR BED OF APPROVED AIR ENTRAINED MORTAR MIX.

(B) FILL AROUND INLET PIPE WITH APPROVED AIR ENTRAINED CEMENT MORTAR, FINISH SMOOTH AS NECESSARY. OVERSIZED HOLE (DOGHOUSE) FOR THE PIPE OPENING TO BE FIELD GROUTED.

ALL CIRCULAR SANITARY PIPES REQUIRE A BOOTED CONNECTION AT THE MANHOLE. ALL OTHER SHAPED SANITARY PIPES / MAINS REQUIRE AN ENGINEERED APPROVED CONNECTION DESIGN.

(C) MANHOLE BLOCK MAY BE SUBSTITUTED FOR PRECAST RISERS ONLY AT THE DISCRETION OF THE CITY ENGINEER WITH WRITTEN APPROVAL.

TYPICAL INTERMEDIATE RISER HEIGHTS

- 12"
- 16"
- 24"
- 36"
- 48"
- 60"
- 96"

48" MANHOLE RISER SECTIONS
OTHER HEIGHTS AVAILABLE THROUGH SPECIAL ORDER

12" AND 16" SECTIONS SHALL NOT BE USED IF MORE THAN ONE IS NEEDED. USE NEXT SIZE UP TO MINIMIZE NUMBER OF JOINTS.

PRECAST RISERS	
MH I.D. (in.)	WALL "T" (in.)
48"	5"
54"	5.5"
60"	6"
72"	7"
78"	8"
84"	8"
96"	9"
108"	10"
120"	11"
144"	13"

54", 66" and 78" RISERS ARE NOT STANDARD MH DIA. REFRAIN FROM USING THESE SIZES IN NEW CONSTRUCTION.

MINNEAPOLIS CUSTOM
MNDOT SPEC. REF. 2506
NOT TO SCALE

	DRW: MJS	DATE: 02/24	<p>PRECAST RISER SECTIONS</p>	<p>STANDARD PLATE NO. SEWR-1001-R2</p>
	APP: KMM	DATE: 04/24		