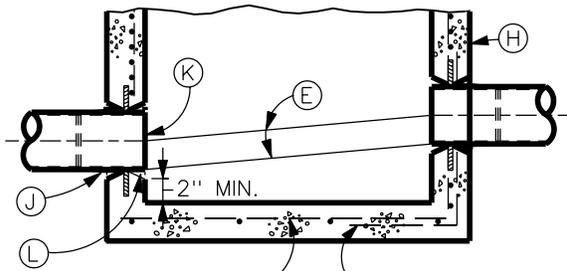


URBAN STANDARD SPECIFICATIONS for PUBLIC IMPROVEMENT MANUAL



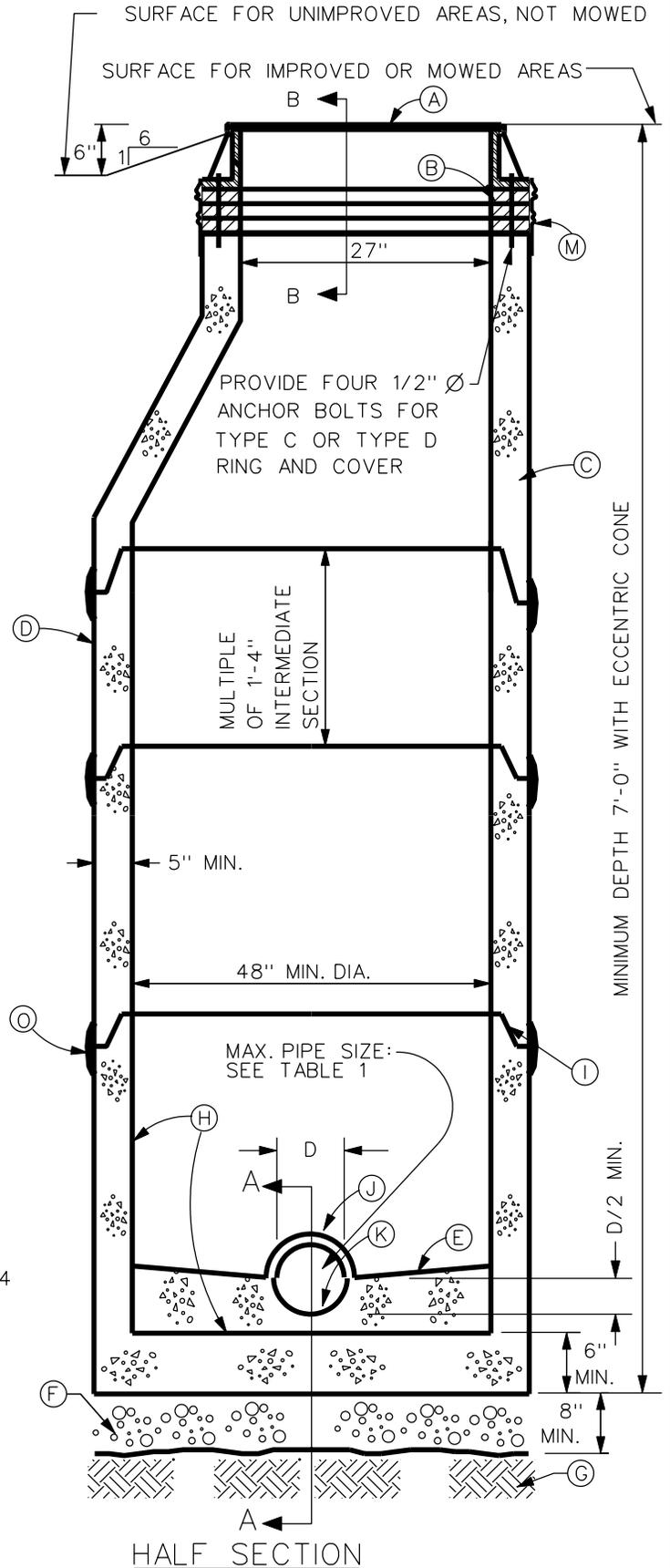
*4's ON 12" CENTERS EACH WAY
*3's ON APPROX. 2' CENTERS

SECTION A-A

NOTE REFERENCE

- (A) RING & COVER-SEE SPECIFICATIONS
- (B) ADJUSTING RINGS
- (C) 4'-0" ECCENTRIC CONE SECTION OR PRECAST CONCRETE FLAT TOP FOR DEPTH <7'-0"
- (D) STANDARD MANHOLE SECTIONS: WHEN INTERIOR OR EXTERIOR COATING IS SPECIFIED, REFER TO 6020, 2.01.
- (E) CONCRETE FILL, SLOPE-1/4" PER FOOT
- (F) 8" MIN. THICKNESS OF GRANULAR BEDDING MATERIALS
- (G) UNDISTURBED SOIL
- (H) BASE INTEGRAL WITH BASE RISER
- (I) JOINT GASKET: O-RING OR PROFILE GASKET PER ASTM C 443.
- (J) PIPE CONNECTION PER SECTION 6020, 2.01
- (K) EXTEND PIPE THROUGH MANHOLE WALL AND TRIM OFF PIPE INSIDE MANHOLE.
- (L) KEEP VOID BETWEEN PIPE AND MANHOLE SECTION FREE OF FOREIGN MATERIAL
- (M) CHIMNEY SEAL PER SECTION 6020, 2.06 & 3.04
EXTERNAL: UNPAVED AREAS
INTERNAL: PAVED AREAS
- (O) APPLY BITUMINOUS JOINT COMPOUND TO OUTSIDE OF EACH SECTION JOINT

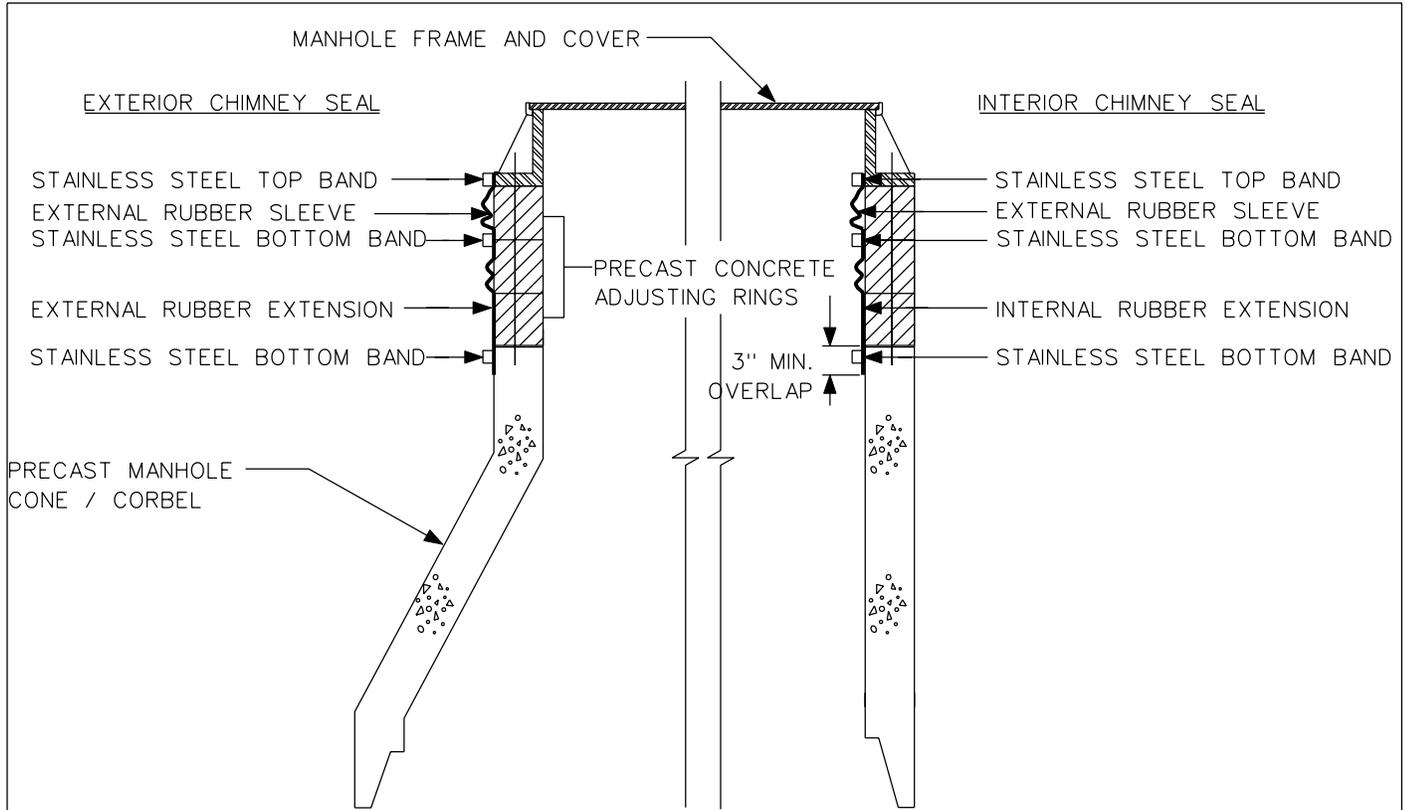
SEE SHEET 2 FOR SECTION B-B (CHIMNEY SEAL DETAIL)



HALF SECTION

5	10/18/05		TYPE "A" MANHOLE (SANITARY SEWER)	FIGURE: 6020.1
REV.	DATE	BY		SHEET 1 OF 2
DATE: 01-01-98				

URBAN STANDARD SPECIFICATIONS for PUBLIC IMPROVEMENT MANUAL



CHIMNEY SEAL DETAIL

SECTION B-B

NOTE:

PROVIDE EXTERNAL CHIMNEY SEAL OUTSIDE OF PAVED AREAS.
 PROVIDE INTERNAL CHIMNEY SEAL WITHIN PAVED AREAS, AND OUTSIDE PAVED AREAS, WHERE MANHOLE IS SET MORE THAN 3 INCHES ABOVE FINAL GRADE.

MANHOLE DIAMETER (INCHES)	MAXIMUM PIPE SIZE, (D), 2 PIPES*	
	AT 180° (INCHES)	AT 90° (INCHES)
48	24	18
60	36	24
72	42	30
84	48	36
96	60	42

* - FOR ADDITIONAL CONFIGURATIONS, A MINIMUM OF 12 INCHES OF CONCRETE SHALL REMAIN BETWEEN VERTICAL EDGES OF PIPE OPENINGS FOR CIRCULAR STRUCTURES. ADDITIONAL REINFORCEMENT WILL BE REQUIRED.

TABLE 1

3	10/18/05		TYPE "A" MANHOLE (SANITARY SEWER)	FIGURE: 6020.1
REV.	DATE	BY		SHEET 2 OF 2
DATE: 01-25-99				