

THE WORDS "SANITARY", OR THE APPLICABLE CITY/VILLAGE NAME SHALL BE CAST IN THE LID.

SPACE BETWEEN PIPE AND WALL OF MANHOLE TO BE COMPLETELY FILLED WITH NON-SHRINKING GROUT.

PLASTIC MANHOLE STEPS 1'-4" O.C. M.A. INDUSTRIES CAT. NO. M.A. PS IPF OR APPROVED EQUAL.

CONCRETE ENCASEMENT

CAST IRON MANHOLE FRAME AND SOLID LID, LID WITH CONSEALED PICKHOLE AND WATERTIGHT GASKET NEENAH FDY. CO. CAT. # R-1712-B, E. JORDAN IRON WORKS CO. CAT. #1051-3 (EXTRA HEAVY DUTY COVER) OR APPROVED EQUAL IN PAVED AREAS IN OTHER AREAS USE R-1772-B (NEENAH), 1022-1 (MED. COVER) (E. JORDAN), IN NON-PAVED AREAS SET FRAME IN BUTYL ROPE.

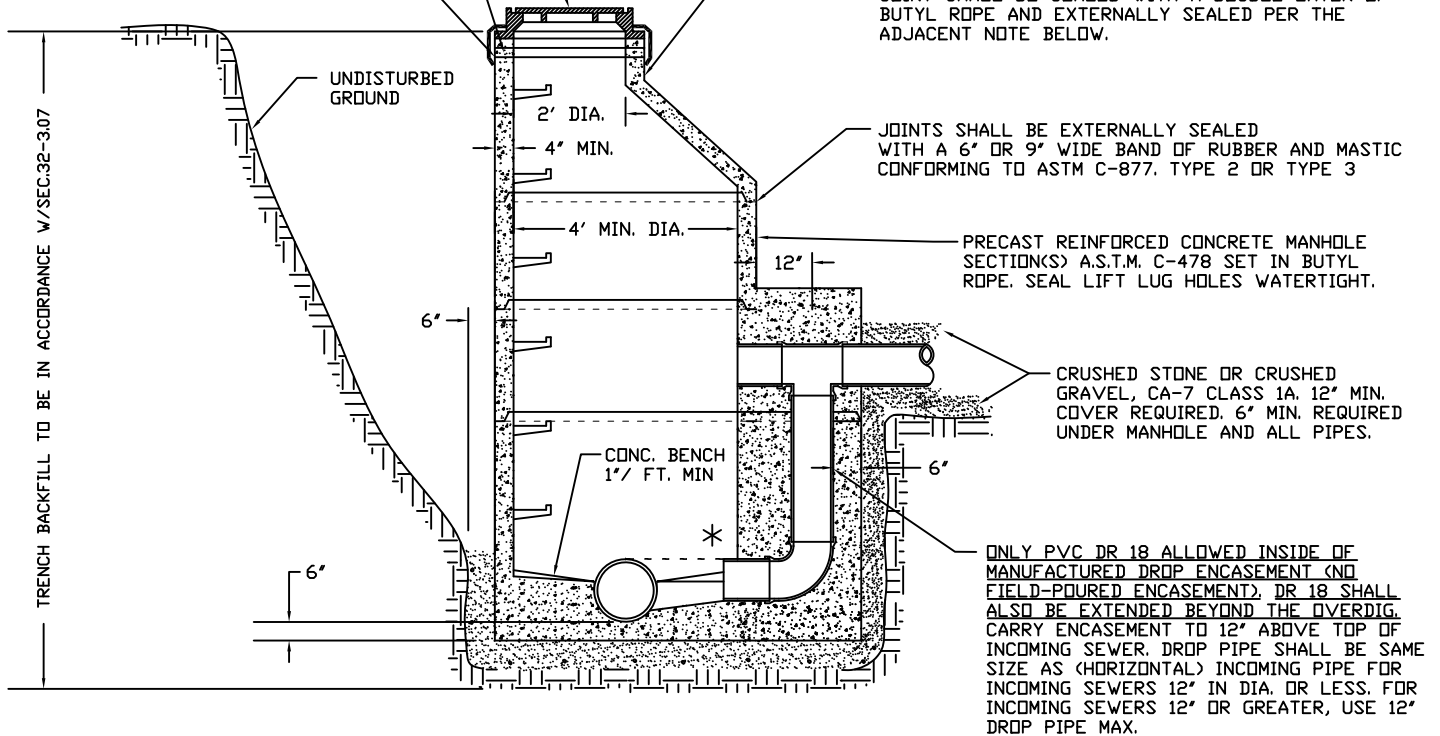
FLEXIBLE RUBBER WATERTIGHT CONNECTOR PER A.S.T.M. C-923

8' MAX. (2 RINGS TOTAL) PRECAST CONCRETE OR EXPANDED POLYPROPYLENE ADJUSTING RINGS SET IN BUTYL ROPE.

FOR INSTALLATION OF CHIMNEY SEALS, A 3" MONOLITHIC LIP IS REQUIRED FOR ALL STRUCTURES.

ADAPTOR-SEAL, INFI-SHIELD, CANUSA (WRAPID SEAL) CHIMNEY SEALS OR APPROVED EQUAL ARE REQUIRED FOR ALL FRAMES AND ADJUSTING RINGS.

ANY MANHOLE, WHICH HAS BEEN DISTURBED IN ANY WAY, INCLUDING BEING RAISED OR LOWERED, SHOULD BE CLEANED AND DRIED BEFORE RE-SEALING. AN APPROVED CHIMNEY SEAL IS REQUIRED. EACH EXPOSED JOINT SHALL BE SEALED WITH A DOUBLE LAYER OF BUTYL ROPE AND EXTERNALLY SEALED PER THE ADJACENT NOTE BELOW.



**\* NOTE**

WHERE EXISTING SEWERS ARE 14' AND LESS, THE INVERT(S) OF NEW PIPE(S) SHALL BE DETERMINED BY MATCHING ELEVATIONS OF THE TOP OF ALL PIPE(S). HOWEVER, FOR SEWERS 15" OR GREATER, SEE APPROVED PLANS FOR INVERT INFORMATION. ALL FLOW CHANNELS SHALL BE PRECAST INTO THE BENCH.

**DROP MANHOLE / NEW CONSTRUCTION**

**Fox Metro**  
Water Reclamation District

DESIGNED	FMWRD	REVISION	2022
DRAWN	KWZ	F	Chimney Seal Notes 04/28/08
APPROVED	KZ, MF	G	Minor Note Mod's 12/14/16
DATE	05-15-00	H	Revise *NOTE regarding est. of inv. 12/29/2020
SCALE	NTS	J	Expanded Polypropylene adj. rings 06/27/22
SHEET	1	CAD DWG.	REVISION
OF	1	JOB NO.	H