

CONE SECTION WITH MODIFIED TONGUE AND GROOVE JOINTS AND WITH STUD INSERTS CAST IN PLACE. TOP TO HAVE FINISH SURFACE.

TRANSITION SECTION MUST BE FIRST SECTION BELOW CONE.

PVC, SCHEDULE 40 PLASTIC DROP PIPE. LOCATION SHALL NOT INTERFERE WITH MANHOLE STEPS, OR STEPS AND CONE SECTION SHALL BE RE-POSITIONED.

MINIMUM TWO DURAN INC. RELINER STAINLESS STEEL ADJUSTABLE CLAMPING BRACKETS ATTACHED TO MANHOLE WALL WITH TWO (EACH) 3/8" STAINLESS STEEL WEDGE ANCHORS, STAINLESS STEEL WASHERS AND NUTS. MAXIMUM SPACING BETWEEN BRACKETS 10'

PVC OR ABS PLASTIC DROP PIPE SHALL BE ONE PIPE SIZE SMALLER (6" MIN.) THAN PIPE ENTERING MANHOLE. LOCATION SHALL BE FLUSH WITH MANHOLE WALL AND NOT INTERFERE WITH MANHOLE STEPS.

1/4" TO 1-1/2" ANGULAR GRADED STONE OR CAREFULLY AND UNIFORMLY TAMPED SAND IN MAXIMUM 6" LAYERS.

ALTERNATE TO DROP BOWL
(ON 5' DIA. OR LARGER MANHOLES ONLY)
POLYVINYL CHLORIDE (PVC) SEWER PIPE TEE (ASTM D-3034) OR ACRYLONITRILE-BUTADIENE-STYRENE (ABS) SEWER PIPE TEE (ASTM D-2680) WITH REMOVABLE PIPE CAP, SLIP-ON FIT. SECURE IN PLACE WITH WITH 2 #8x1" SHEET METAL SCREWS AT 180° APART.

DURAN INC. RELINER INSIDE DROP BOWL ATTACHED TO MANHOLE WALL WITH 4 3/8" STAINLESS STEEL WEDGE ANCHORS, STAINLESS STEEL WASHERS AND NUTS.

BETWEEN DROP BOWL AND MANHOLE WALL PLACE (PRESS SEAL GASKET CO., EASY STIK ALL WEATHER TROWELABLE BUTYL, BK-0069-1).

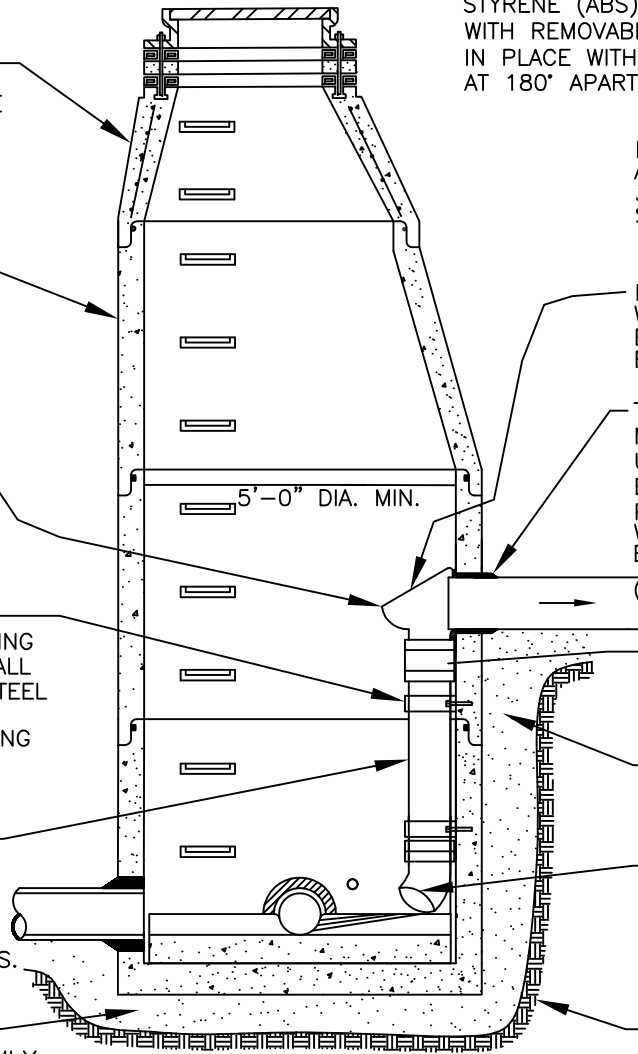
TAPS TO EXISTING MANHOLES SHALL BE MADE BY CORING WITH THE CONTRACTOR USING A KOR-N-SEAL BOOT (OR APPROVED EQUAL). BLIND DRILLING WILL ONLY BE PERMITTED IN LIEU OF CORING WITH PRIOR WRC APPROVAL. ALL TAPS MUST BE MADE BELOW TRANSITION SECTION.

ATTACH DROP BOWL TO DROP PIPE USING FERNCO FLEXIBLE COUPLING WITH STAINLESS STEEL STRAPS.

1/4" TO 1-1/2" ANGULAR GRADED STONE OR CAREFULLY AND UNIFORMLY TAMPED SAND IN MAXIMUM 6" LAYERS.

45° ABS OR PVC PLASTIC BEND, SOLVENT WELDED TO DROP PIPE. POINT FORM SMOOTH UNIFORM CHANNEL IN CONCRETE FILL.

UNDISTURBED GROUND.



REVISION BLOCK

Parcel Base / Source Date: N/A

Rev. No.:	Rev. By:	Rev. Date:	Description:
1	RRH	8-31-10	Fixed note from "GROOVE AND TONGUE" to "TONGUE AND GROOVE"



INTERIOR DROP CONNECTION

ONE PUBLIC WORKS DRIVE, BLDG 95 WEST WATERFORD, MICHIGAN 48328-1907	ORIG. DATE:	06/18/03	SHEET: 1 of 1
	SCALE:	NONE	