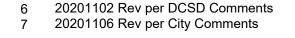
INITIAL SUBMITTAL 9-23-20 Rev Ducket Creek Cmmnt.

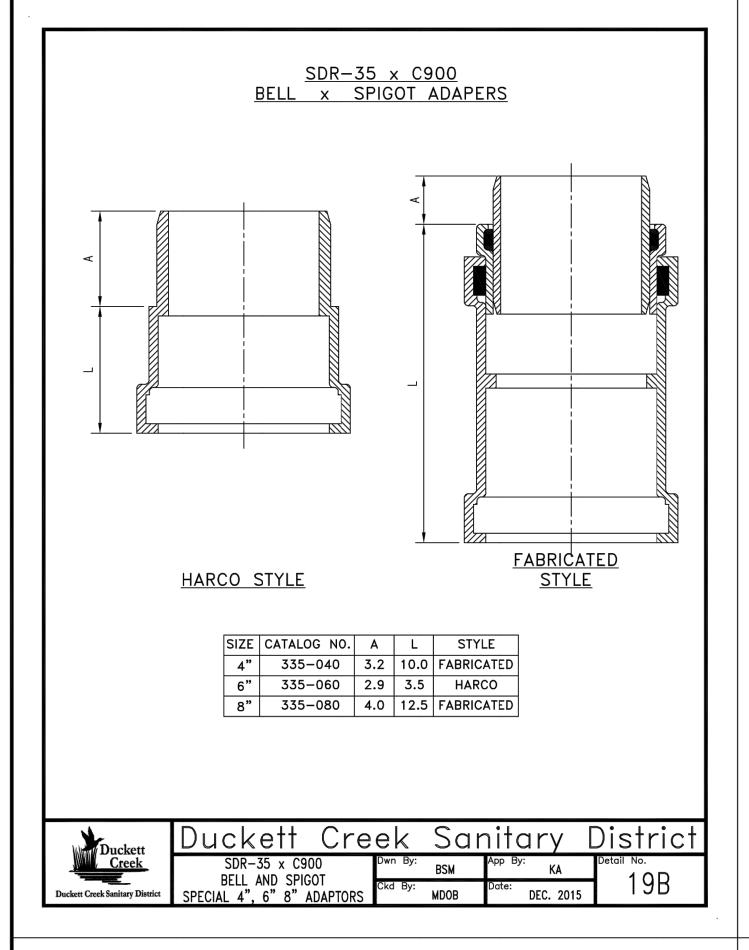
20201001 Rev per City/Duckett/PWSD#2

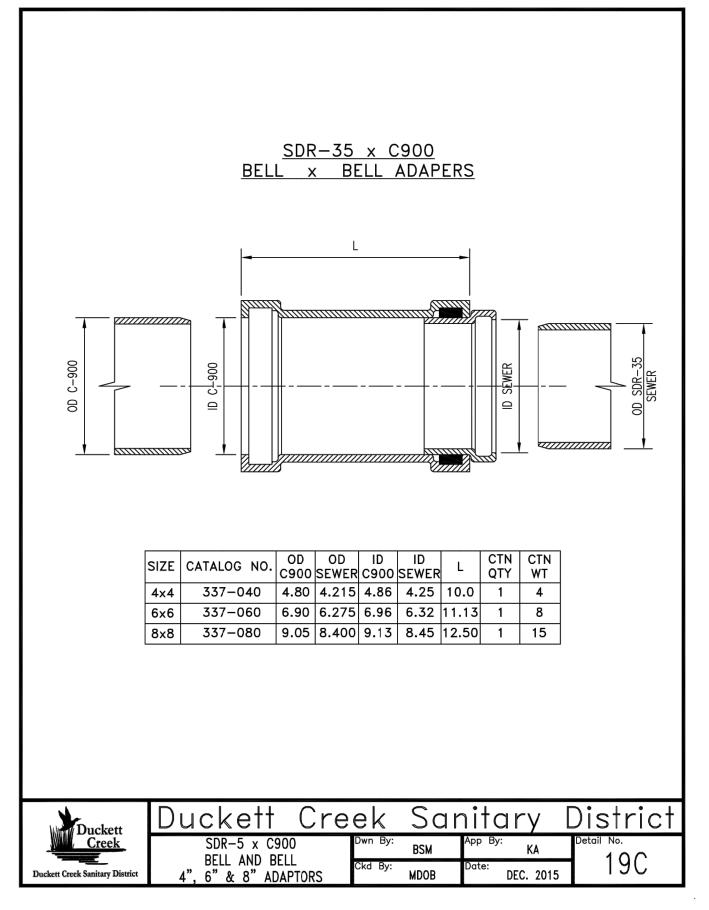
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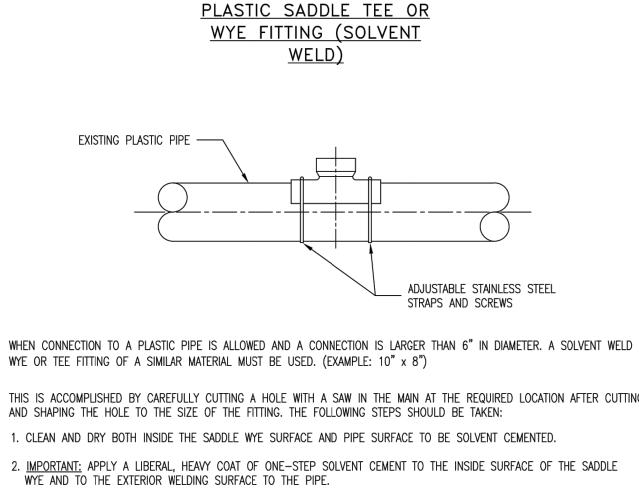
MBE

20201014 Rev per Duckett 20201020 Rev per City Comments









THIS IS ACCOMPLISHED BY CAREFULLY CUTTING A HOLE WITH A SAW IN THE MAIN AT THE REQUIRED LOCATION AFTER CUTTING

1. CLEAN AND DRY BOTH INSIDE THE SADDLE WYE SURFACE AND PIPE SURFACE TO BE SOLVENT CEMENTED.

2. <u>IMPORTANT:</u> APPLY A LIBERAL, HEAVY COAT OF ONE-STEP SOLVENT CEMENT TO THE INSIDE SURFACE OF THE SADDLE

3. WITHOUT DELAY, MATE THE SURFACES AND STRAP DOWN TIGHTLY. A BEAD OF SOLVENT SHOULD APPEAR AFTER THE SADDLE HAS BEEN STRAPPED DOWN TIGHTLY.

4. USING A RAG OR PAPER TOWEL, WIPE BEAD AND ANY EXCESS SOLVENT CEMENT OFF PIPE AND SADDLE.

5. ALLOW 30-60 MINUTES FOR SET-UP TIME BEFORE BACKFILLING. CURE TIME DEPENDS ON SIZE FIT OF MATERIALS BEING INSTALLED AND VARIOUS COLD DAMP CONDITIONS.

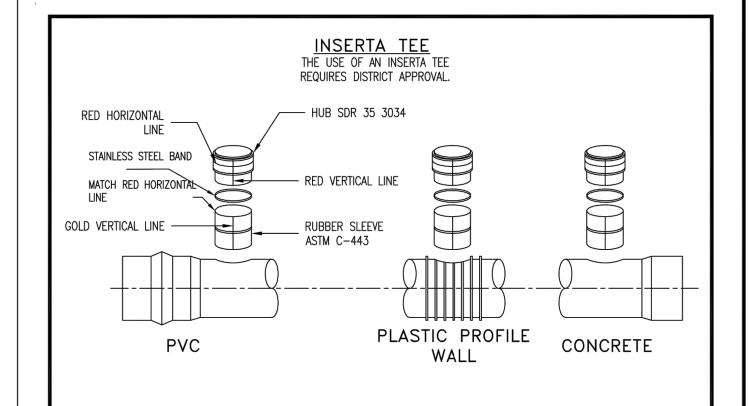
6. DISCARD OLD SOLVENT IF IT BECOMES JELLED OR LUMPY.

7. A CLEAN, DRY BEDDING MATERIAL IS REQUIRED AROUND THE COMPLETED CONNECTION BEFORE BACKFILLING. THE BEDDING MATERIAL SHOULD BE ONE OF THE FOLLOWING:

A. 1 TO 3 CEMENT TO SAND MIX B. "PRE-MIX" CONCRETE.

C. DCSD APPROVED BEDDING FOR SANITARY SEWERS.

Sanitary Creek Duckett Creek " AND LARGER BSM KA CONNECTION TO Duckett Creek Sanitary Distr MDOB DEC. 2015 PLASTIC MAIN



INSTALLATION PROCEDURE:

TEE SIZE: 4" 6" 8" 10" 12" 15" BIT SIZE: $4\frac{1}{2}$ " $6\frac{1}{2}$ " $8\frac{3}{4}$ " $10\frac{7}{8}$ " $12\frac{7}{8}$ " $15\frac{13}{6}$ " 1. CORE THE PROPER SIZE HOLE.

2. INSERT THE RUBBER SLEEVE (1) IN THE CORED HOLE WITH THE GOLD VERTICAL LINE ON THE RUBBER SLEEVE (2) FACING TO THE SIDE OF THE MAIN LINE. THE UPPER SEGMENT SHOULD BE ON TOP OF THE WALL OR RIB AND THE LOWER SEGMENT (PVC, PROFILE WALL, AND POLYETHYLENE PIPE ONLY) SHOULD BE ON THE INSIDE OF THE PIPE

3. APPLY THE INSERTA TEE SOLUTION SUPPLIED TO THE INSIDE OF THE RUBBER SLEEVE AND TO THE OUTSIDE OF THE PVC HUB ADAPTER. <u>CAUTION - DO NOT USE AN OIL BASED LUBRICANT.</u>

4. PLACE THE PVC HUB ADAPTER ③ INTO THE RUBBER SLEEVE. MAKE SURE THAT THE RED VERTICAL LINE ④ ON THE PVC HUB ADAPTER IS IN LINE WITH THE GOLD VERTICAL LINE ② ON THE RUBBER SLEEVE.

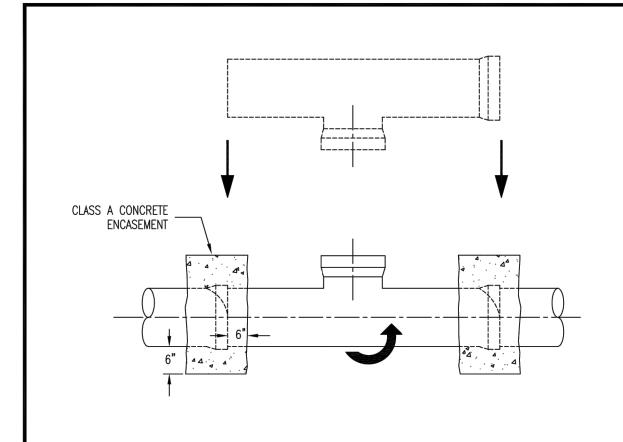
5. PLACE THE 2x4 BOARD ONTO THE TOP OF THE PVC HUB ADAPTER.

6. THE RED HORIZONTAL LINE (5) AT THE TOP OF THE HUB ADAPTER IS A DEPTH MARK. THIS TELLS THE INSTALLER HOW FAR TO DRIVE THE ADAPTER INTO THE RUBBER SLEEVE. DRIVE THE PVC HUB ADAPTER INTO THE RUBBER SLEEVE TO WHERE THE HORIZONTAL RED LINE (5) ON THE PVC HUB ADAPTER (3) MEETS THE TOP OF THE RUBBER SLEEVE (6)

7. PLACE THE STAILESS STEEL BAND ⑦ AROUND THE TOP OF THE RUBBER SLEEVE AND TIGHTEN DOWN.

8. INSTALL PIPE IN NORMAL MANNER.

Duckett Creek Duckett Creek Sanitary District	Duckett Cre	eek	Sar	nitary (District
	INSERTA TEE DETAILS AND	Dwn By:	BSM	App By: KA	Detail No. 20B
	SPECIFICATIONS	Ckd By:	MDOB	DEC. 2015	



1. WHEN A CONNECTION IS ALLOWED LARGER THAN 6" DIAMETER A SADDLE MAY BE USED IF THE I.D. OF THE CONNECTION PIPE IS NOT GREATER THAN ONE HALF (1/2) OF THE I.D. OF THE MAIN SEWER. (EXAMPLE: 24" x 10")

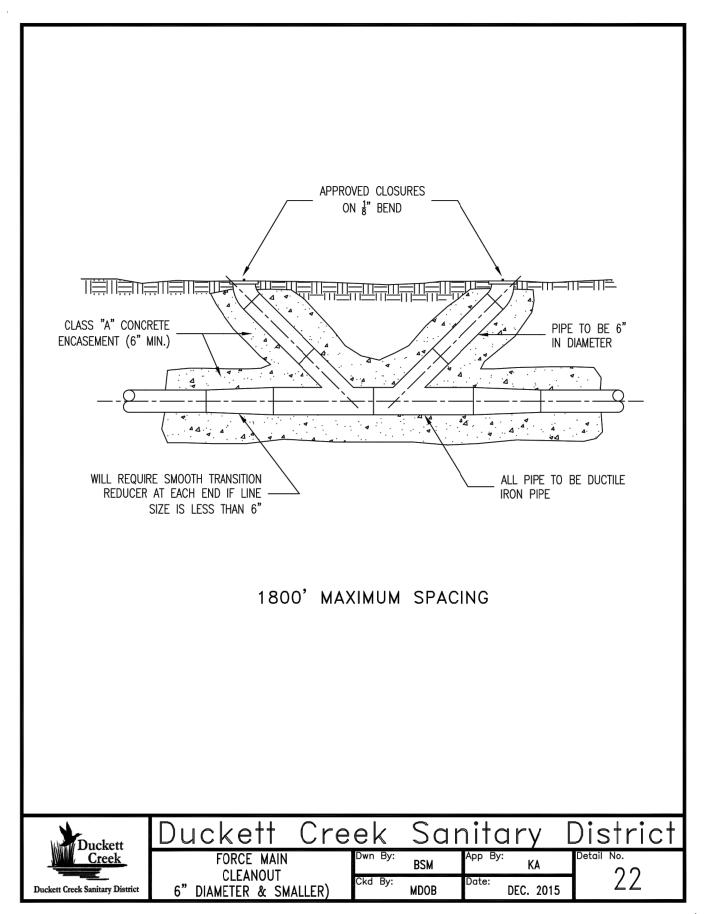
2. IF THE I.D. OF THE CONNECTION PIPE IS GREATER THAN ONE HALF (1/2) THE I.D. OF THE MAIN SEWER THE WYE OR TEE MUST BE "ROLLED IN". (EXAMPLE: 15" x 8")

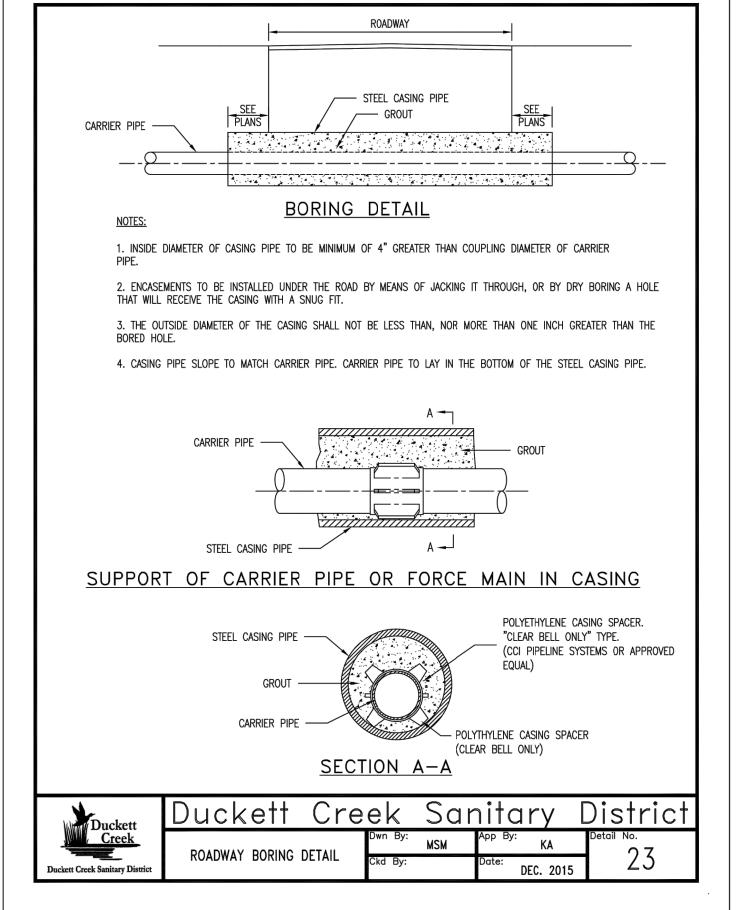
3. THIS IS ACCOMPLISHED BY BREAKING AWAY AND REMOVING ONE SECTION OF PIPE. THE TOP HALF OF THE BELL ON THE PIPE LYING ADJACENT TO THE GAP IS CAREFULLY BROKEN OFF. THE TOP HALF OF THE BELL ON THE MAIN REPLACEMENT SECTION (WITH A "TEE" "WYE") FITTING IS ALSO BROKEN OFF. THE REPLACEMENT PIPE IS THEN PLACED IN THE LINE GAP WITH THE STUB POINTED IN THE WRONG DIRECTION. THE BROKEN BELLS ON THE REPLACEMENT AND ADJOINING PIPE MAKE IT POSSIBLE FOR THE REPLACEMENT SECTION TO FIT INTO THE SEWER LINE WITHOUT DISTURBING THE ADJOINING PIPE SECTIONS. THE REPLACEMENT SECTION IS THEN ROTATED TO THE DESIRED POSITION AND THE BROKEN BELLS ARE ENCASED WITH A 6" CLASS "A" CONCRETE ENCASEMENT.

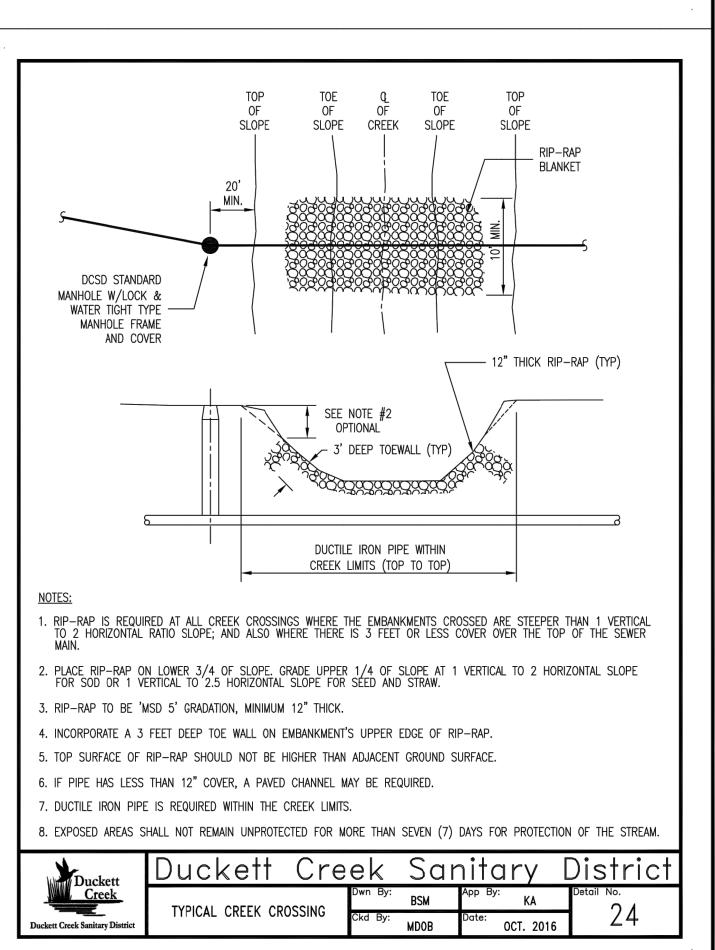
4. ID OF MAIN SEWER SHALL NOT BE DECREASED BY A ROLL-IN CONNECTION.

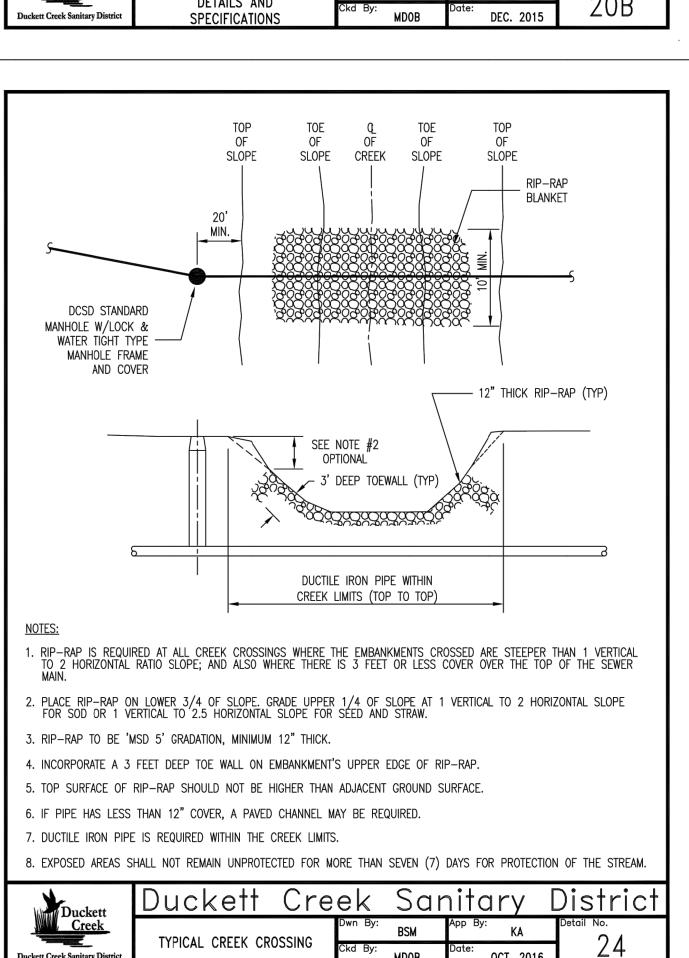
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DUCKETT **P+Z No**. 20-000028 **City No.** 20-003192 Date: May 18, 2021 **Job No.** 14-04-136 Page No.

Date: 5-18-2021 Jason D Howell

License No. PE 2007002801 Professional Engineer

DETAIL

SEWER

SANITARY

CREEK