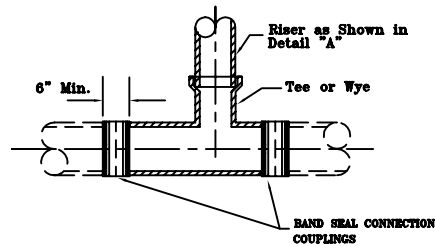


DETAIL "A"



TEE DETAIL "B"

Notes:

- CUT OUT COMPLETE SECTION OF THE BARREL AND REPLACE WITH TEE OR WYE. CUT EXISTING PIPE BY USE OF COMPRESSION CHAIN PIPE CUTTER TOOL.
- JOIN FITTING AT ENDS WITH TWO BAND SEAL CONNECTION COUPLINGS. COUPLINGS TO CONFORM TO THE MATERIAL AND PERFORMANCE STANDARDS OF ASTM C-485 FOR COMPRESSION JOINTS FOR VITRIFIED CLAY PIPE AND FITTINGS.
- TEE OR WYE SHALL BE CLAY MEETING ASTM C-700 OR CAST IRON, MEETING CITY OF ENID STANDARD SPECIFICATIONS.
- CUT OPENING IN EXISTING PIPE 1/8" - 1" LONGER THAN FITTING TO BE INSTALLED. PLACE FITTING WITH EQUAL CLEARANCE AT EACH END, NOT MORE THAN 1/8".
- WHEN A NEW SERVICE TEE/WYE IS INSTALLED, FLOWABLE FILL SHALL BE PLACED TO SPRING LINE OF WYE OR TEE ALL SIDES.

SERVICE TEE INSTALLATION

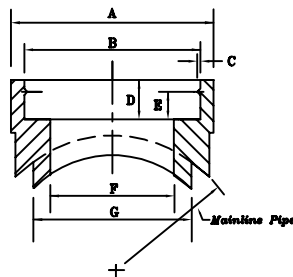
Not To Scale

Notes:

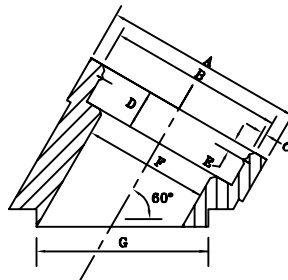
- WHERE SERVICE LINES AND OR SERVICE LINE CONNECTIONS ARE UNDER PAVED STREETS OR ALLEYS, THE SERVICE LINES SHALL BE CONSTRUCTED OF CAST IRON AND BACKFILL SHALL BE COMPACTED TO 90% STANDARD PROCTOR.
- SOIL AROUND SERVICE LINE CONNECTION SHALL BE COMPACTED TO DENSITY OF SURROUNDING SOIL. FLOWABLE FILL SHALL BE PLACED TO SUPPORT TEE OR WYE PIPE DETAIL.
- WHERE BACKFILL WILL BE COMPACTED, PIPE & FITTINGS SHALL BE PROTECTED BY PLACEMENT OF FLOWABLE FILL TO 2' ABOVE THE PIPE. PIPE SHALL NOT BE COVERED UNTIL PIPE CONNECTION IS INSPECTED.
- INSIDE DIMENSION OF TEE OR WYE SHALL NOT BE SMALLER THAN INSIDE DIAMETER OF SERVICE LINE. OUTSIDE DIMENSION OF SERVICE LINE SHALL BE LARGER THAN INSIDE DIMENSION OF TEE OR WYE TO PREVENT ANY PART OF SERVICE LINE FROM PROTRUDING INTO MAIN.

SANITARY SEWER SERVICE LINE CONNECTION

Not To Scale



TEE



WYE

DETAIL "C"

SIZE	A	B	C	D	E	F	G	MAINLINE PIPE
MISSION 4" T	6 3/4"	5 5/8"	.025"	1 3/4"	1 3/32"	13/16"	4 3/8"	8" thru 18" Specify
MISSION 6" T	9"	7 29/32"	.025"	1 3/4"	1 3/32"	6"	7 1/4"	8" thru 18" Specify
MISSION 8" T	9"	7 29/32"	.025"	1 3/4"	1 3/32"	6"	7 1/4"	8" thru 18" Specify
SOIL PIPE 4" T	15/16"	5 1/8"	—	2 3/4"	—	13/16"	4 5/16"	

Notes:

- MISSION TAPPING SADDLE KIT OR EQUAL, MEETS ALL PERFORMANCE CRITERIA OF ASTM C-700 AND C-485.
- MATERIAL: HIGH HIGH IMPACT URETHANE.
- FITTING TO BE BONDED INTO COURED HOLE WITH EPOXY ADHESIVE.
- COURED HOLE TAPPED WITH HIGH TORQUE TAPPING MACHINE, HIGH TORQUE, 1 1/2 H.P. 4" AND 6" TAPS, WATER COOLED, DIAMOND CUTTING HEADS. (OR EQUAL).
- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH TAPPING SADDLE KIT MANUFACTURE RECOMMENDATIONS.

TAPPING SADDLE KIT

Not To Scale

GENERAL NOTES:

- THE PURPOSE OF THIS DETAIL SHEET IS TO ESTABLISH MINIMUM STANDARDS FOR CONNECTING TO THE PUBLIC SANITARY SEWER SYSTEM THAT WILL PROVIDE A LONG TERM WATER TIGHT SYSTEM THAT WILL NOT IMPEDE THE OPERATION OR MAINTENANCE OF THE PUBLIC SYSTEM. ANY SYSTEM OR OPERATION THAT WOULD LEAD TO PROTRUDING TAPES, BROKEN OR DAMAGED SEWER LINES, ALLOW INTRUSION OF SURFACE OR GROUND WATER, FAILURES CAUSED BY BACKFILL OR SURFACE OPERATION ARE PROHIBITED AND SHALL NOT BE USED.
- FLOWABLE FILL SHALL CONSIST OF A MIXTURE OF SAND, CEMENT AND WATER IN PROPORTIONS AND CURED TO PRODUCE A MIXTURE WITH A MINIMUM STRENGTH OF 50 PSI WHEN TESTED IN COMPRESSION BY STANDARD TEST FOR FLOWABLE FILL.

The City Of Enid
401 West Owen L. Corbett Road
Enid, Oklahoma 73732
Telephone: (800) 234-6600 Fax: (505) 234-6646



The City Of Enid, Oklahoma

REVISIONS

Number	Date	Description

Project Number:	
Project Location:	

Sheet Title:
TAPPING SADDLE AND SERVICE TEE / WYE INSTALLATION
Project Title:
SWD - 4



Date: 6/1/00
Scale: NO SCALE
Cad File: s:\DATA\SPECS\SWD3-4
Drawn By: P.B./C.L.H.
Designed By: R.H.
Approved By: R.H.
Sheet: of