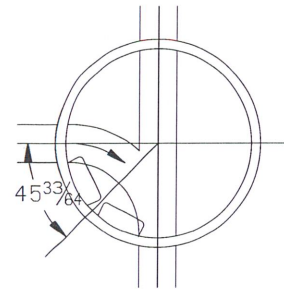
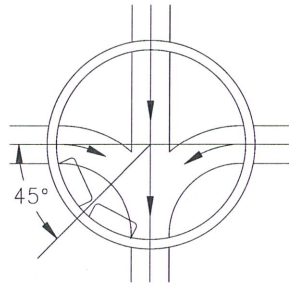


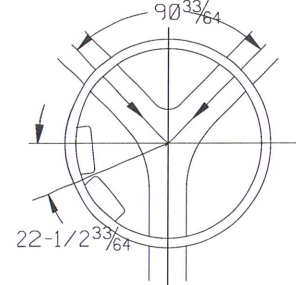
IN LINE



TEE



CROSS

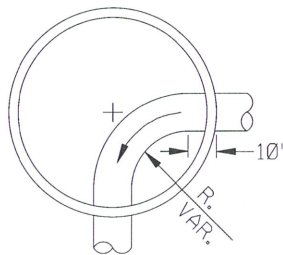
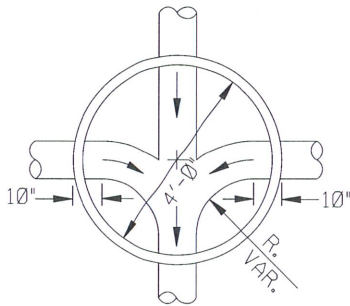


"Y"

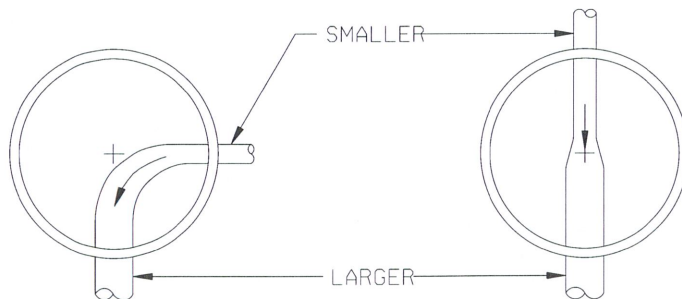
LOCATION OF MANHOLE STEPS

NOTE:

1. MANHOLES WITH 30 INCHES COVERS SHALL NOT HAVE STEPS UNLESS AUTHORIZED IN WRITING BY WASTEWATER DESIGN OR SEWER OPERATIONS AND MAINTENANCE AND APPROVAL BY THE DIRECTOR OF WATER AND SEWER.



PIPE	R.
8"	10"
10"	9"
12"	8"



TYPICAL MANHOLE INVERT DETAILS

STANDARD DETAIL FOR
MANHOLE STEP LOCATION
AND INVERT DETAILS

CITY OF TULSA, OKLAHOMA

DRAWN BY: D.J.N.

APPROVED

CHECKED BY:

DATE: SEPT. 2025

NOT TO SCALE

STANDARD NO. 366