



NOTES:

1. VAULTS SHALL BE USED TO ENCLOSE METERS LARGER THAN 2", BACKFLOW PREVENTERS LARGER THAN 2", ALL METERS WITH BY-PASS, DETECTOR CHECKS AND WHEN REQUIRED BY THE DIRECTOR OF PUBLIC WORKS.
2. VAULTS SHALL BE OF ADEQUATE SIZE AND UNLESS OTHERWISE SPECIFIED PROVIDE A MINIMUM CLEAR DISTANCE OF 2' BETWEEN SIDEWALLS AND COMPONENTS.
3. VAULT LIDS SHALL BE LARGE ENOUGH TO PROVIDE PASSAGE OF PERSONNEL & EQUIPMENT BUT IN NO CASE SMALLER THAN 30" WIDE & 30" LENGTH.
4. VAULT LIDS SHALL BE BILCO TYPE J OR JD ALUMINUM ACCESS DOOR OR EQUAL. DOORS SHALL BE SINGLE OR MULTIPLE LEAF & EACH LEAF SHALL HAVE LIFT ASSIST. DOORS SHALL BE EASILY LIFTED BY ONE PERSON. THE LATCH SHALL HAVE A REMOVABLE KEY WRENCH. DOORS SHALL BE DESIGNED FOR THE TRAFFIC LOADS WHICH WILL BE ENCOUNTERED.
5. VAULTS SHALL BE PRECAST AS MANF. BY TINDALL OR EQUAL OR BLOCK, DESIGNED FOR APPROPRIATE DEPTH & STRESSES.
6. VAULTS SHALL BE PIPE DRAINED TO THE NEAREST LOW POINT OR IF THIS IS NOT POSSIBLE OR REASONABLE AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, A 30" SQ X 1' DEEP SUMP SHALL BE PROVIDED IN THE FLOOR OF THE VAULT. FLOOR SHALL BE SLOPED TO EITHER THE FLOOR DRAIN OR THE SUMP.

CITY OF REIDSVILLE, N.C. STANDARD DETAIL	DATE: 1989
WATER SYSTEMS VAULTS	NOT TO SCALE
	STANDARD 120