



METER SIZE	VAULT L	VAULT W	HATCH SIZE
3" x 2"	10'	5'	4'x4'
4" x 2"	10'	5'	4'x4'
6" x 3"	12'	6'	4'x4'
8" x 4"	12'	6'	4'x4'

SECTION

- NOTES:**
1. BOXES EXCEEDING 5' IN DEPTH MUST BE APPROVED BY THE AUTHORITY.
 2. WHEN METER BOX CANNOT BE LOCATED ENTIRELY ON R/W, A PERMANENT EASEMENT SHALL BE OBTAINED TO PREVENT FENCES OR OTHER OBSTRUCTIONS FROM BEING ERECTED AROUND THE METER BOX.
 3. COVER OPENING & STEPS TO BE PLACED NEAREST THE METER REGISTER.
 4. BYPASS REQUIRED (WITH VALVES), TO BE INSTALLED INSIDE THE VAULT.
 5. THE METER MUST BE INSTALLED WITH AT LEAST 8 DIAMETERS OF STRAIGHT PIPE SAME SIZE AS METER ON THE INLET SIDE TO PERMIT ON-SITE MAINTENANCE AND CALIBRATION. A STRAINER MAY BE PROVIDED IN LIEU OF THE STRAIGHT PIPE IN ACCORDANCE WITH THE METER MANUFACTURER'S RECOMMENDATIONS. AN INLET AND OUTLET GATE VALVE WITH BYPASS LINE ARE REQUIRED (SEE ILLUSTRATION).
 6. THESE BOXES ARE NOT TO BE INSTALLED IN TRAFFIC AREAS WITHOUT PRIOR PERMISSION FROM THE AUTHORITY.
 7. DOUBLE CHECK BACK FLOW PREVENTION REQUIRED ON PROPERTY OWNER'S SIDE OF METER. LOCATION SHALL BE APPROVED BY THE AUTHORITY.
 8. ALL VALVES AND FITTINGS INSIDE THE VAULT SHALL BE FLANGED.
 9. ALL FITTINGS OUTSIDE THE VAULT SHALL BE MECHANICAL JOINT WITH RETAINER GLANDS.
 10. METER MUST BE SENSUS TOUCH-READ METER WITH STRAINER AND BY-PASS.
 11. METER SHALL BE PROVIDED WITH A TEST RISER.

CHEROKEE COUNTY WATER & SEWERAGE AUTHORITY	COMPOUND METERS AND VAULT <small>CONSTRUCTION STANDARD</small>	DATE:	MAY '03	<small>STANDARD NO.</small> W708
		APPROVED:		