

NO.	NAME	LAY LENGTH
1	4" COMPOUND METER	20"*
2	4" FLANGED x PLAIN END	9"
3	4" FLANGED COUPLING ADAPTER	4"
4	4" GATE VALVE WITH HANDWHEEL	9"
5	4" x 4" FLANGED TEE	13"
6	RESTRAINED FLEXIBLE COUPLING	5"
7	PROPERTY OWNER'S 4" GATE VALVE SQUARE NUT	9"
8	4" FLANGED LONG RADIUS ELBOW 90°	9"
9	4" BYPASS GATE VALVE WITH HANDWHEEL	9"
10	4" BYPASS DUCTILE IRON PIPE	
11	4" STRAINER	7-1/2"

*DIMENSIONS- SUBJECT TO CHANGE, CONFIRM WITH NBU WATER ENGINEERING

NOTES:

1. PIPE AND METER SIZE SHALL BE AS DETERMINED BY OWNER; APPROVAL BY NBU WATER SYSTEMS ENGINEERING. PLANS MUST BE PREPARED BY LICENSED ENGINEER IF INSTALLATION IN RIGHT-OF-WAY IS BY OTHER THAN NEW BRAUNFELS UTILITIES FORCES.
2. METER VAULT MUST BE BEHIND CURB AND/OR WALK AND OUT OF VEHICULAR TRAFFIC.
3. MAIN LINE AND BYPASS VALVES WILL BE RESILIENT SEAT TYPE WITH CORROSION RESISTANT FUSION BONDED EPOXY COATING INSIDE AND OUTSIDE, NON-RISING STEM. MAIN LINE AND BYPASS VALVES WILL HAVE A HANDWHEEL. PROPERTY OWNER'S VALVE MUST BE LOCATED OUTSIDE OF THE NEW BRAUNFELS UTILITIES METER VAULT.
4. NBU APPROVAL REQUIRED IF HEIGHT OF VAULT EXCEEDS 72".
5. HATCH SHALL HAVE MIN. 48" X 48" CLEAR OPENING AND BE EQUIPPED WITH SAFETY GRATING, SPL W19.0.0.
6. TAPPING SLEEVE AND PIPING IN RIGHT-OF-WAY AND UTILITY EASEMENTS SHALL BE EMBEDDED IN GRANULAR MATERIALS AND BACKFILLED PER NBU SPECIFICATIONS.
7. DOUBLE HARNESS MJ WITH TIE RODS. ALL OTHER FITTINGS INSIDE VAULT WILL BE FLANGED.
8. CONTACT NEW BRAUNFELS UTILITIES PRIOR TO INSTALLATION OF COMPOUND METERS FOR PROPER DOMESTIC DEMANDS.
9. REFER TO DRAWING 207 FOR WALL PENETRATION DETAIL.
10. THE TOP OF THE METER VAULT SHALL BE AT AN ELEVATION SUCH THAT THE SURROUNDING GROUND SLOPES AWAY FROM THE VAULT.
11. GRAVEL BEDDING PER NBU SPECIFICATIONS. BEDDING MUST EXTEND 6" BEYOND LIMITS OF THE SLAB.



NEW BRAUNFELS UTILITIES
WATER SYSTEMS ENGINEERING

DRAWN BY:
EWL
APPROVED BY:
A. WILLARD
DRAWING DATE:
2/1/24

STANDARD DRAWING:
COMPOUND METER INSTALLATION 4" SIZE
UPDATED:
SCALE:
N.T.S.
SHEET:
2 OF 2
DRAWING NO.
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