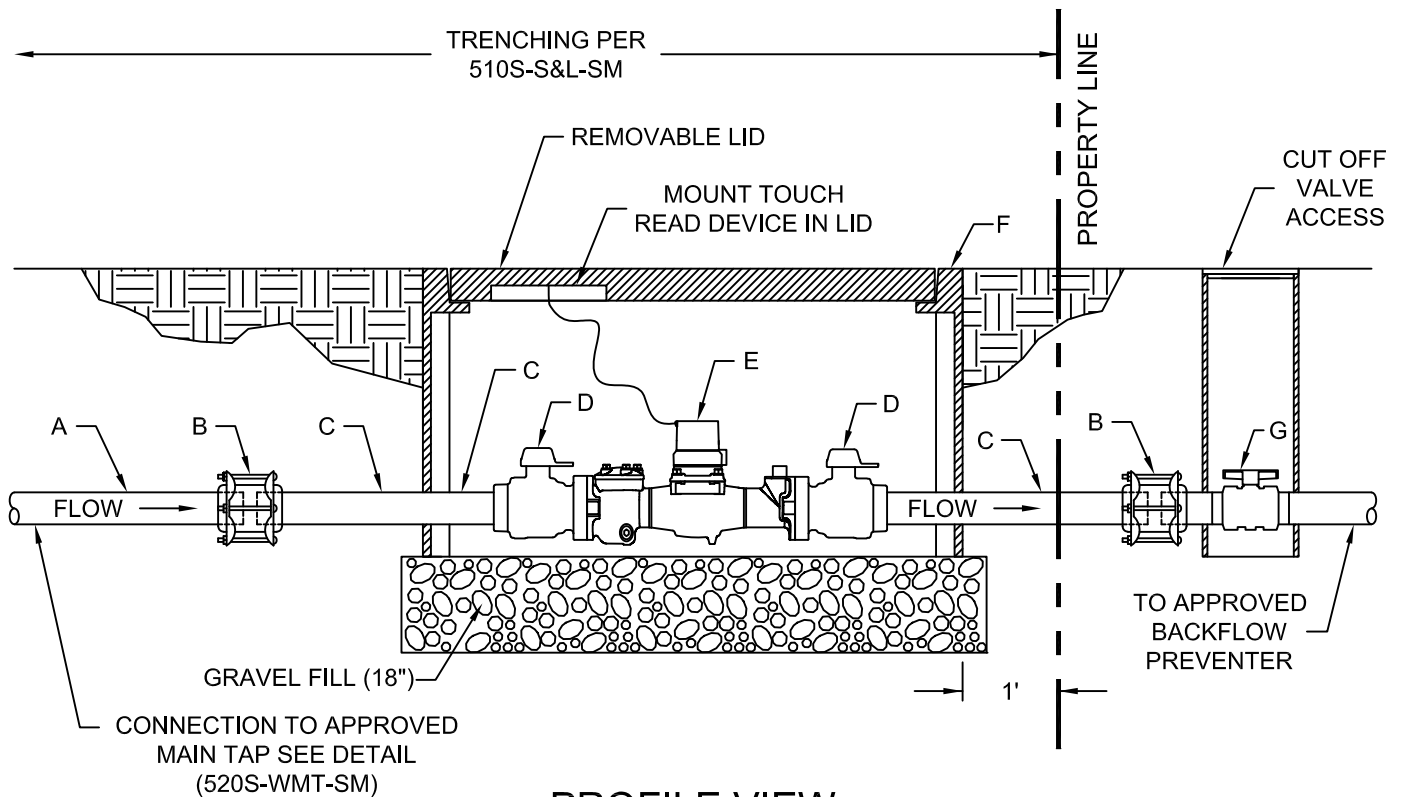


**METER ASSEMBLY
PLAN VIEW**



PROFILE VIEW

The City of San Marcos Engineering and Capital Improvements		2" IRRIGATION METER INSTALLATION	
RECORD COPY SIGNED BY LAURIE MOYER, P.E.	6/2/2017 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 520S-13.2-SM 1 OF 2

MATERIALS		
LABEL	ITEM	SIZE
A	SUPPLY PIPE SCH. 80 FULLY RESTRAINED PER STANDARD PRODUCT LIST NO. WW-587	2"
B	RESTRAINT DRESSING COUPLINGS - MAXI-GRIP OR APPROVED EQUIVALENT PER STANDARD PRODUCT LIST NO. W-587B	2"
C	BRASS NIPPLES-THREADED X THREADED	2"
D	BRONZE BALL VALVE WITH LOCK WINGS THREADED BY FLANGE PER STANDARD PRODUCT LIST NO. WW-68	2"
E	WATER METER PER STANDARD PRODUCT LIST NO. WW-144 WATER METERS	2"
F	METER BOX PER STANDARD PRODUCT LIST NO. WW-145A HDPE METER BOX AND LID	REQUIRED
G	CUSTOMER CUT OFF VALVE	2"

NOTES:

1. TOP OF METER BOX SHALL BE 1" ABOVE GRADE AFTER REVEGETATION OR FLUSH WITH PAVEMENT SURFACE. METER BOX WILL BE LOCATED BEHIND BACK CURB, OUT OF SIDEWALK OR TRAFFIC LOADED AREA.
2. FOR PIPES AND FITTINGS OUTSIDE THE METER BOX SHALL BE EMBEDDED AND BACKFILLED PER DETAIL 510S-S&L-SM WITHIN THE ROW OR EASEMENT.
3. WATER METER WILL BE HORIZONTALLY CENTERED WITH THE METER BOX.
4. TAP TO CITY WATER LINE WILL BE PER CITY DETAIL 510S-WMT-SM WITH A 2" TAP TO THE MAIN.
5. IF THE METER BOX IS SET AFTER THE METER IS INSTALLED, SIDE NOTCHES IN THE BOX TO BE FILLED WITH MORTAR AFTER INSTALLATION OF PIPE.
6. PIPES AND FITTINGS TO BE AS SHOWN PER DETAIL.
7. FOR APPROVED METER TYPE CALL THE WATER & WASTEWATER UTILITIES DEPT. AT (512)393-8010.
8. NO BY PASS REQUIRED.

REFERENCES

DETAIL 510S-S&L-SM
 DETAIL 520S-WMT-SM

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