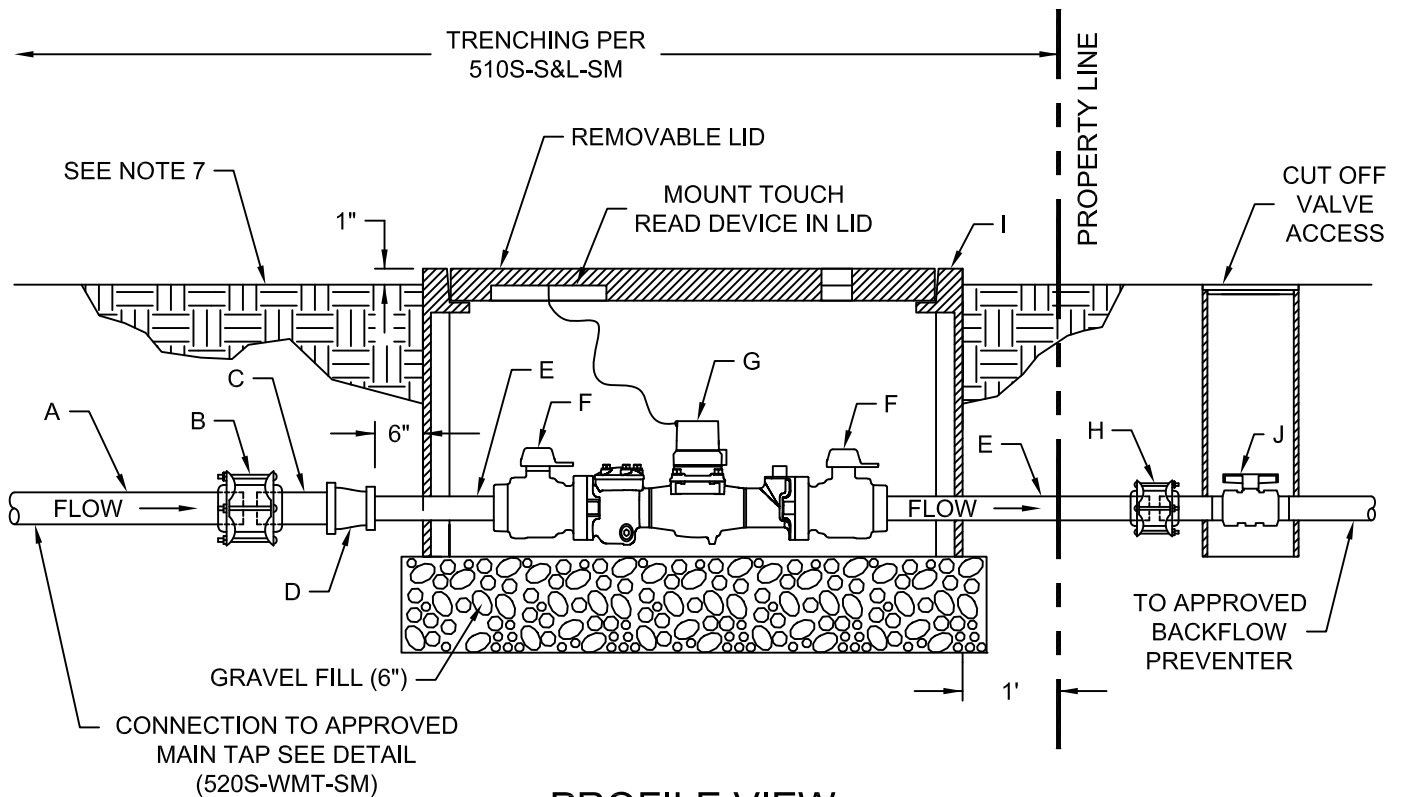


**METER ASSEMBLY  
PLAN VIEW**



**PROFILE VIEW**

<p><b>The City of San Marcos</b> Engineering and Capital Improvements</p>	<p>CURRENT AS OF 1/1/2020</p>	<p align="center"><b>1 1/2" IRRIGATION METER SERVICE INSTALLATION</b></p>	
<p>RECORD COPY SIGNED BY  LAURIE MOYER, P.E.</p>	<p>6/2/2017  ADOPTED</p>	<p>THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.</p>	<p align="center">STANDARD NO. <b>520S-13.1-SM</b> 1 OF 2</p>

MATERIALS		
LABEL	ITEM	SIZE
A	PVC PIPE SCHEDULE 80 FULLY RESTRAINED PER STANDARD PRODUCT LIST NO. WW-587	2"
B	TRANSITION COUPLING PER STANDARD PRODUCT LIST NO. WW-587B	2"
C	BRASS NIPPLES-THREADED X THREADED	2"
D	THREADED BRASS BELL REDUCER FEMALE/FEMALE	2" X 1 1/2"
E	BRASS NIPPLES - THREADED X THREADED	1 1/2"
F	BRASS BALL VALVE WITH LOCK WINGS THREADED BY FLANGE PER STANDARD PRODUCT LIST NO. WW-68	1 1/2"
G	WATER METER PER STANDARD PRODUCT LIST NO. WW-144	1 1/2"
H	DRESSING COUPLINGS PER STANDARD PRODUCT LIST NO. WW-587B	1 1/2"
I	HDPE METER BOX PER STANDARD PRODUCT LIST NO. WW-145A	REQUIRED
J	CUSTOMER CUT OFF VALVE	1 1/2"

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

The City of San Marcos Engineering and Capital Improvements		CURRENT AS OF 1/1/2020	1 1/2" IRRIGATION METER SERVICE INSTALLATION	
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