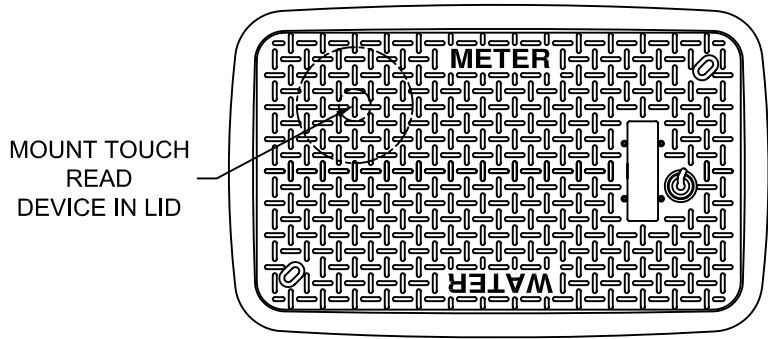
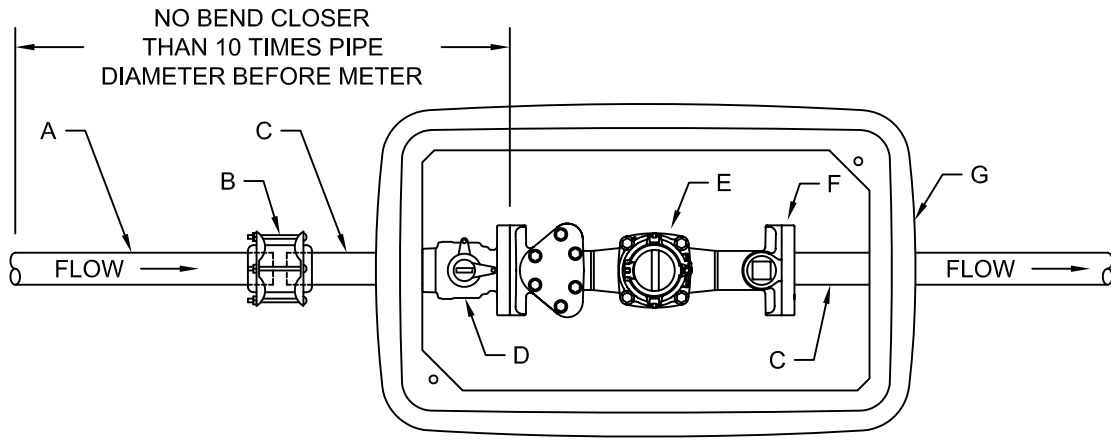


PROFILE VIEW

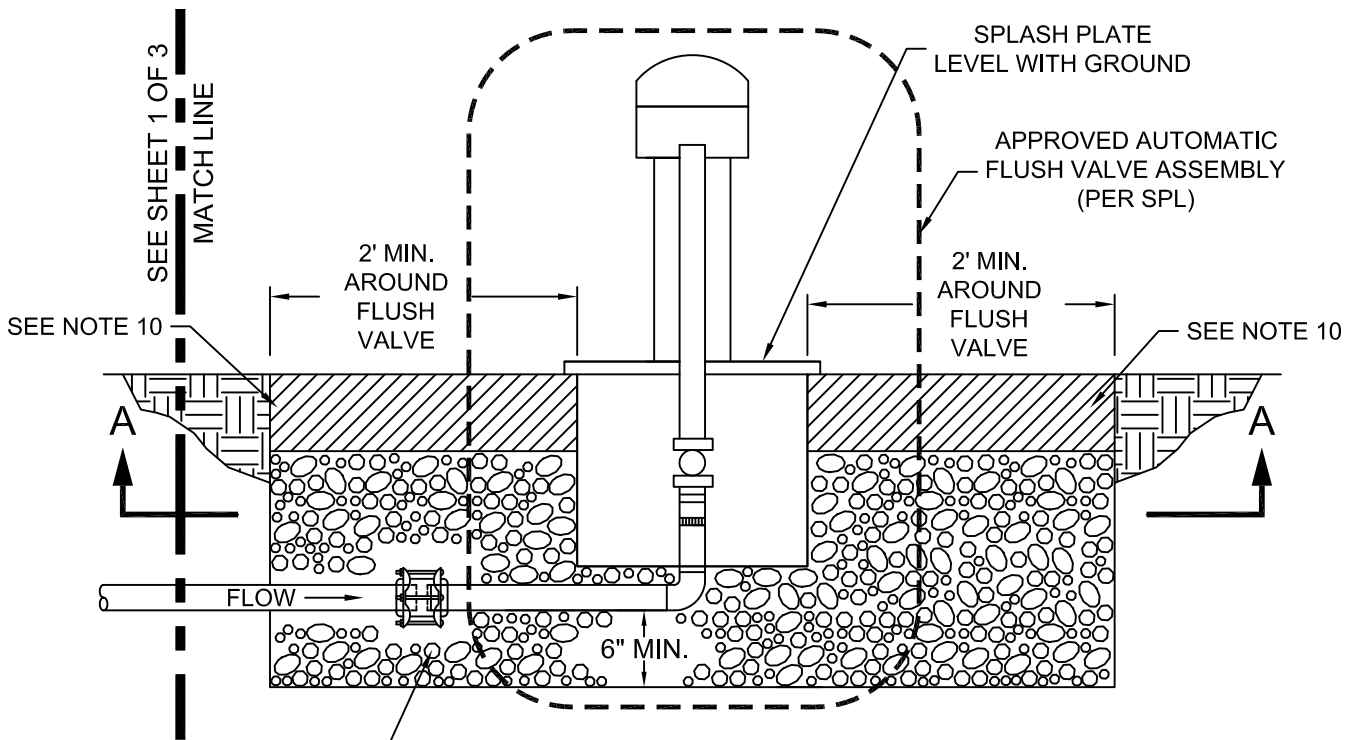


LID PLAN VIEW



PLAN VIEW METER ASSEMBLY

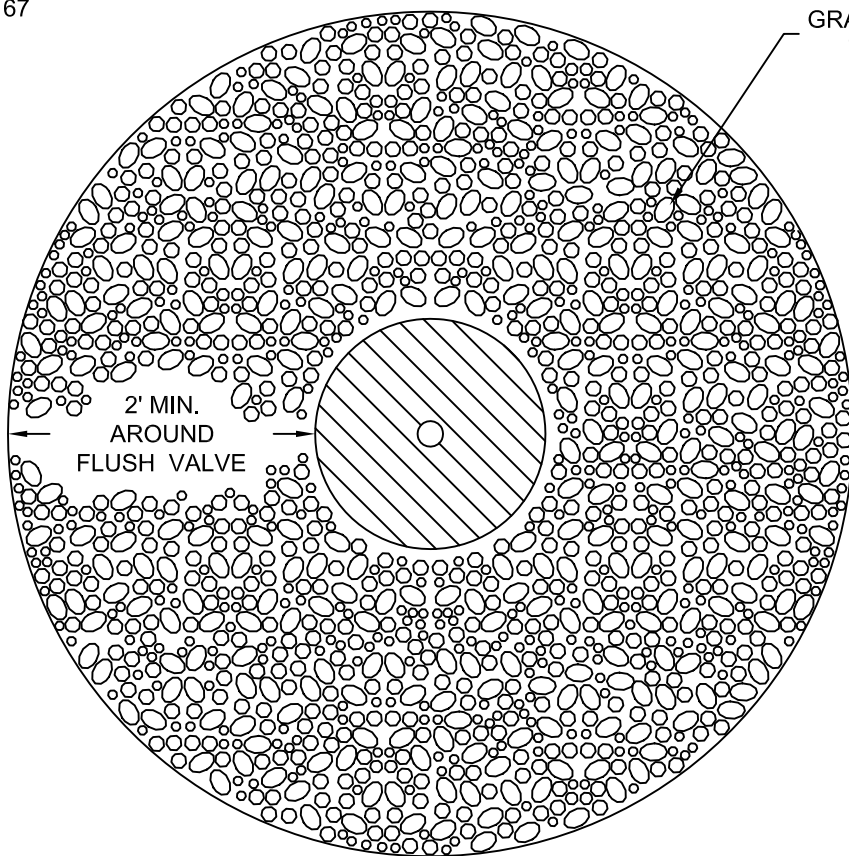
The City of San Marcos Engineering and Capital Improvements		AUTOMATIC FLUSH VALVE	
RECORD COPY SIGNED BY <hr/> LAURIE MOYER, P.E.	2/15/2019 <hr/> ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 511-20-SM 1 OF 3



PROFILE VIEW

GRAVEL CONFORMING TO ASTM NO. 67

GRAVEL CONFORMING TO ASTM NO. 67



SECTION A - A

The City of San Marcos Engineering and Capital Improvements		AUTOMATIC FLUSH VALVE	
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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. WW-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 FLANGE ADAPTOR	2"
G	METER BOX PER STANDARD PRODUCT LIST NO. WW-145A HDPE METER BOXES	REQUIRED

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 520S-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.
9. PIPE AND METER IN METER BOX WILL MATCH THE DEPTH OF THE CONNECTION PIPE TO THE AUTOMATIC FLUSH VALVE ASSEMBLY.
10. FOR NATURAL GROUND USE 6" OF TOP SOIL AND REVEGETATE PER CITY SPECIFICATIONS.
11. INSTALLATION OF AUTOMATIC FLUSH VALVE ASSEMBLY TO BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATION/KIT.
12. AUTOMATIC FLUSH VALVE SHALL CONNECT TO THE MAIN PER DETAIL 520S-WMT-SM. TEMPORARY AUTOMATIC FLUSH VALVE FOR THE PURPOSE OF A FUTURE MAIN EXTENSION SHALL CONNECT TO THE END OF THE MAIN USING A 8 INCH M.J. X 2 INCH THREAD DUCTILE IRON ECCENTRIC REDUCER IN PLACE OF A TAP AS SHOWN ON DETAIL 520S-WMT-SM. FOR MAINS LARGER THAN 8 INCHES A CAP WILL BE USED IN PLACE OF A REDUCER WITH A 2 INCH THREAD CONNECTION PORT.

REFERENCES

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

The City of San Marcos Engineering and Capital Improvements		AUTOMATIC FLUSH VALVE	
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