



MATERIALS		
LABEL	ITEM	SIZE
A	6" OR 8" M.J. X 2" THREAD C.I. OR D.I. ECCENTRIC REDUCER	REQUIRED
B	GALVANIZED NIPPLE-THREADED	2"
C	TAPPING VALVE (RESILIENT WEDGE GATE, IRON BODY FEMALE/FEMALE) WITH VALVE BOX PER SPL. WW-700B	2"
D	GALVANIZED NIPPLE-THREADED X THREADED	2"
E	RESTRAINT DRESSING COUPLINGS - MAXI-GRIP OR APPROVED EQUIVALENT PER SPL. WW-587B	2"
F	SUPPLY PIPE SCH. 80 FULLY RESTRAINED PER SPL. WW-587	2"
G	DUCTILE IRON 90° BEND - HARCO-KNUCKLE JOINT RESTRAINT, OR APPROVED EQUIVALENT PER SPL. WW-587B	2"

**NOTES:**

1. IRON, DUCTILE IRON, PIPE, FITTINGS AND COUPLINGS WILL BE COMPLETELY WRAPPED WITH 8-MIL POLYETHYLENE FILM.
2. ALL BACKFILL AND EMBEDMENT PER TRENCH DETAIL 510S-S&L-SM.
3. BLOW-OFF ASSEMBLY IS ONLY FOR WATER MAINS THAT ARE 6" OR LESS. FOR LARGER MAIN INSTALL FIRE HYDRANT PER CITY DETAIL 511S-17-SM.
4. TOP OF BOX MUST BE 1" ABOVE NATURAL GROUND. BOX IS NOT ALLOWED IN PAVEMENT SURFACE.
5. SUPPLY PIPE TO BE FULLY RESTRAINED PER SPL WW-587B.

**REFERENCES**

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

<b>The City of San Marcos</b> Engineering and Capital Improvements		CURRENT AS OF <b>1/1/2021</b>	<b>BLOW-OFF ASSEMBLY</b>	
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. <b>511S-9B-SM</b> 1 OF 1