DUAL LATERAL CONNECTION
INSIDE EASEMENT

DUAL LATERAL CONNECTION
INSIDE ROW / PROPERTY LINE
WITH NO EASEMENT

NOTES:

1. THE PIPE WILL BE SLOPED NO MORE THAN 45° FROM HORIZONTAL AND HAVE A MINIMUM SLOPE
   OF 2% TO MAIN FROM BACK OF CURB.
2. CONNECTION JOINTS BEFORE AND AFTER BEND WILL NOT HAVE MORE THAN 5° DEFLECTION TO
   ACHIEVE THE REQUIRED SLOPE/ANGLE.
3. FOR MAINS THAT HAVE MORE THAN 8 FEET OF COVER MAINTAIN MINIMUM SLOPE TO
   WASTEWATER MAIN AND USE DETAIL 520-6-SM TO CONNECT TO WASTEWATER MAIN.
4. IF CONNECTING TO MANHOLE SERVICE LINE SLOPE CAN NOT EXCEED 12% AND IF REQUIRED A
   DROP MANHOLE CONNECTION WILL BE USED.
5. FOR EXISTING MAIN CONNECTIONS SEE DETAIL (520S-AW-01B-SM)
6. THIS DETAIL CANNOT BE USED ON A LOT THAT HAS EXISTING OR PROPOSED WATER SERVICES
   AND SANITARY SEWER LATERALS ON THE SAME CORNER. DETAIL 520A-W01A-SM AND 520S-3-SM
   MUST BE USED IN PLACE OF THIS DETAIL.

REFERENCES
DETAIL 510S-S&L-SM
DETAIL 520S-AW-01B-SM
DETAIL 520-4A-SM
DETAIL 520-6-SM

The City of San Marcos
Engineering and Capital Improvements

RECORD COPY SIGNED BY 2/15/2019
LAURIE MOYER, P.E. ADOPTED

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE
OF THIS STANDARD.

STANDARD NO.
520S-3-SM
2 OF 2