NOTES: 1. ALL EXTERNAL NUTS, BOLTS AND WASHERS SHALL BE STAINLESS STEEL. THREADED JOINTS ON BRASS PIPE BYPASS SHALL BE ACCEPTED. NO SWEATED FITTINGS WILL BE ACCEPTED. 4. 3 IN. AND LARGER METERS TO BE TESTED IN THE FIELD BY CITY OF WACO UTILITIES. LID MUST BE CENTERED ON VAULT. BYPASS LINE MUST BE MINIMUM 1 IN. & 2 IN. BY-PASS WILL BE 1/2 NOMINAL SIZE OF SERVICE BRASS OR COPPER PIPE AND FLANGED COUPLING ADAPTER LINE (2 IN. INCREMENTS) **FITTINGS** 2 IN. BALL VALVE **CURB STOP WITH LOCK WINGS** (FORD) #B11-777WR OR APPROVED EQUAL (TYP) 6 IN. I 6 IN. MIN shad MIN. **DIRECTION OF** WATER FLOW ACCESS DOOR SENSUS OMNI METER WITH METER VAULT INTEGRAL STRAINER WITH ITRON RESILIENT SEATED CONNECTOR GATE VALVE WITH HAND WHEEL (2 IN. USE CURB **PLAN VIEW** STOP) NO RISING STEM 2 IN. TEST OUTLET WITH CURB STOP LOCK WINGS AND FIRE HOSE CONNECTION AND CAP 2 IN. X 2 1/2 IN. MALE ACCESS DOOR -HOSE OUTLET (FORD) #B11-777WR OR APPROVED EQUAL 6 IN. 6 IN. MIŅ **DIRECTION OF** MIN. WATER FLOW FLOW 12 IN. MIN. 12 IN. MIN. 30 IN. MAX. 30 IN. MAX. INSTALL 2 FT. X 12 IN 2FT. GEOTECH TYP **FABRIC BETWEEN VAULT** FLOOR AND WASHED ROCK SECTION VIEW 6 IN. BASE OF CAST 2 IN. PVC IN FLOOR **AGGREGATE MEETING ASTM 57 SPECIFICATIONS** TYPICAL WATER METER DETAIL FOR 2 IN. AND LARGER (NO SCALE) REVISIONS ENGINEERING DIVISION COMMENTS BY 01/01/2024 THE USE OF THIS STANDARD IS GOVERNED BY THE "TEXAS DISCLAIMER: ENGINEERING PRACTICE ACT". NO WARRANTY OF ANY KIND IS MADE BY THE CITY OF WACO FOR ANY PURPOSE WHATSOEVER. THE CITY OF WACO ASSUMES NO RESPONSIBILITY FOR THE CONVERSION OF THIS STANDARD W-20 TO OTHER FORMATS OR FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE. ## DESCRIPTION FL MM/DD/YYY