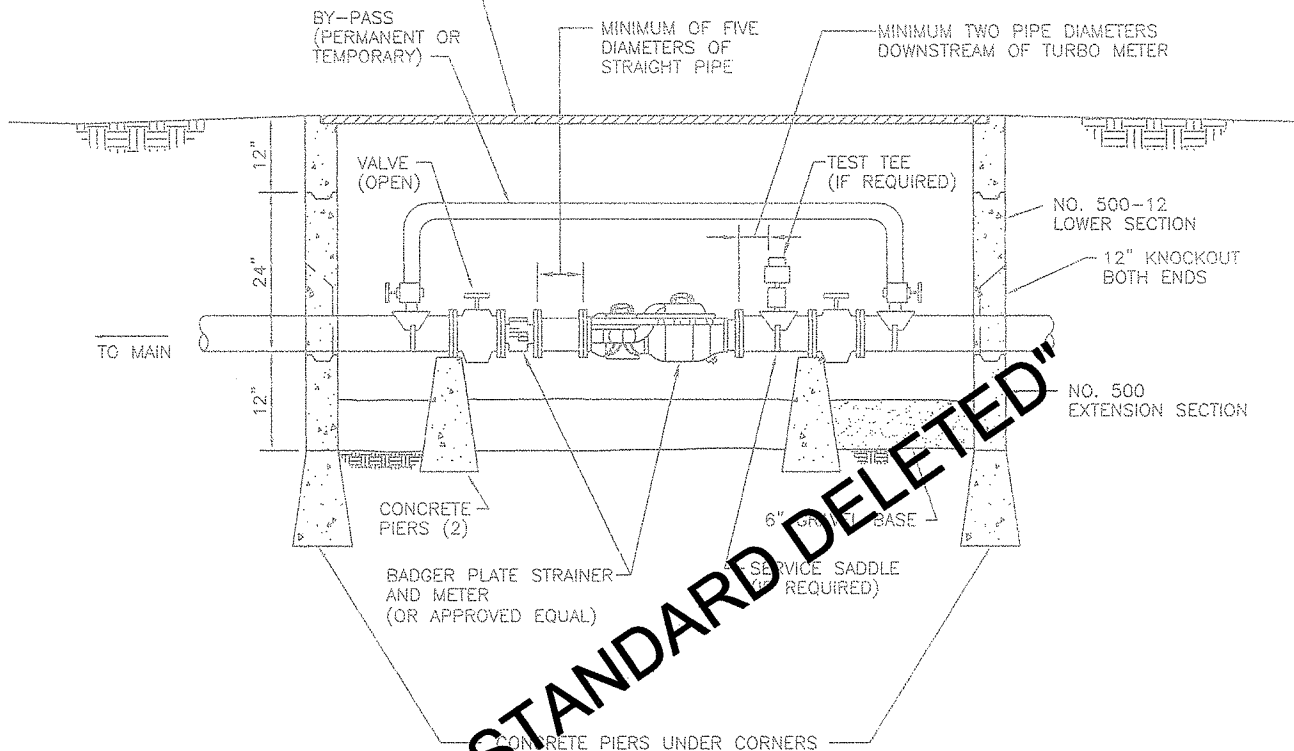


NO. 500-9 5/16" STEEL PARKWAY COVER. MIN 8" X 12" HINGED METER READING DOOR REQUIRED ON ALL COVERS.

BROOKS NO. W-500 UTILITY BOX OR APPROVED EQUAL. SIZE OF THE BOX SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.



SECTION

NTS

NOTES

CLASS: METERS SHALL BE CLASS 2 ONLY AND SHALL BE FURNISHED COMPLETE WITH AN AFFIDAVIT OF COMPLIANCE WITH THIS SPECIFICATION AND AWWA C701-78 AND CERTIFICATE OF TESTING FOR ACCURACY.

EXTERNAL FASTENERS: CASING BOLTS, NUTS, SCREWS, AND WASHERS SHALL BE MADE OF A COPPER ALLOY CONTAINING NOT LESS THAN 57% COPPER OR 100% STAINLESS STEEL.

REGISTERS: REGISTERS SHALL BE STRAIGHT READING, HERMETICALLY SEALED AND SHALL READ IN CUBIC FEET (HCF). REGISTERS SHALL INCLUDE CENTER SWEEP TEST HAND WITH INDEX CIRCLE.

STRAINERS: METERS 3" AND LARGER SHALL BE EQUIPPED WITH STRAINERS.

MAIN CASE CONNECTIONS: FOR 2" METERS, END CONNECTIONS SHALL BE OVAL FLANGED CONFORMING TO DIMENSIONS OF AWWA C701-78, TABLE 3. FOR 3" AND LARGER METERS, END CONNECTIONS SHALL BE ROUND FLANGED CONFORMING TO ANSI B16.1 AND THE DIMENSIONS OF C701-78, TABLE 3.

TEST PLUG: ALL METERS 3" AND LARGER SHALL BE EQUIPPED WITH THE OPTIONAL TEST PLUG.

TURBINE METERS ARE RARELY USED IN THE CITY WATER SYSTEM. SPECIFIC WRITTEN APPROVAL IS REQUIRED BEFORE ANY USE ON THE SYSTEM. A DETAILED SUBMITTAL SHALL BE FURNISHED TO THE CITY ENGINEER, PRIOR TO PURCHASE, ACCEPTANCE, OR INSTALLATION. WHEN A TURBINE METER IS DETERMINED BY THE CITY ENGINEER TO BE A SUITABLE SUBSTITUTE FOR THE STANDARD DISPLACEMENT TYPE METER, THE METER SHALL CONFORM TO AWWA C701-78 WITH MODIFICATIONS AS SHOWN.

ENGINEERING DEPARTMENT

CITY OF MERCED, CA.

TURBINE METER

DRAWN: KGE
DATE: 1/02
REVISED: 3/17/08

APPROVED BY: *David L. Tucker*
CITY ENGINEER

DATE: 3/17/08

W-12

SHEET

OF