REFERENCE ENGINEERING SPECIFICATIONS; WATER SERVICE ASSEMBLIES: 404211 FOR METER, METER BOXES AND PIPING; MATERIALS AND INSTALLATION.

CLOSED SYSTEM SPLIT VALVE (ZONE ISOLATION VALVE)

WATER MAIN

LATERALS INSTALLED SIMILAR TO SBMWD STD. DWG. W1.1

1" ADAPTER (MIP X COMP), 1" X 3/4" BUSHING (FIP X MIP), AND 3/4" LOCKWING BALL VALVE (FEM. X FEM.)

3/4" BY-PASS METER (SEE SBMWD STD. DWG. W1.15 FOR APPROVED LIST)

3/4" PRESSURE REDUCING VALVE - ADJUSTED TO ELIMINATE STAGNANT WATER

17" X 30" FIBERGLASS METER BOX

SYSTEM SPLIT VALVE BY-PASS DETAIL

TRANSMISSION MAIN BUTTERFLY VALVE SEE SBMWD STD. DWG. W3.2

WATER MAIN

GRAVITY FLOW

6" FIRE HYDRANT ASSEMBLY SEE SBMWD STD. DWG. W2.2

" COMBINATION AIR/VACUUM RELEASE VALVE SEE SBMWD STD. DWG. W7.2

12" & LARGER TRANSMISSION MAIN BUTTERFLY VALVE DETAIL

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

SYSTEM SPLIT VALVE BYPASS AND TRANSMISSION MAIN VALVE INSTALLATION

WARREN HUANG, P.E. RCE 49208

REVISION DATE: 5/24/2016