UL APPROVED (FOR FIRE PROTECTION SERVICE)
DOUBLE CHECK VALVE ASSEMBLY—D.C.V.
CHAINED IN THE OPEN POSITION, VALVES TO BE TAMPER SWITCH MONITORED.

UL/FM SWING CHECK VALVE

4" GALV. NIPPLE
4" GALV. TEE
IDENTIFICATION SIGN PER SPECIFICATIONS
GALV. 45°-ELBOW
TWO 2-1/2" THREADED STEEL, SIAMESE FIRE DEPARTMENT CONNECTION ON A 45-PATTERN W/CAPS
12" GALV. NIPPLE W/GALV. CAP
4IN x 12IN DIRT LEG
NOTE 1
COMPANION FLANGE
SLEEVE 1" MIN ANNULAR SPACE (TYPICAL)
DUCTILE IRON OR C-900 PIPE

DUCTILE IRON PIPE BELOW GRADE PER NFPA SECTION 24
FROM WATER SUPPLY
CONDUCIT TO BUILDING FOR TAMPER SWITCHES (BOTH VALVES) PER ELECTRICAL PLANS

USING MECHANICALLY RESTRAINED JOINTS

NOTES:
1. SIGNAGE PER CAMPUS STANDARD IDENTIFY BUILDING BY NAME OR PICTOGRAM AS REQUIRED BY FIRE DEPARTMENT.

2. ALL STEEL PIPE SHALL BE AS PER AWWA C-200 WITH 3/8" WALL AND COATED AND LINED BY FUSION BONDED EPOXY AS PER AWWA C-213, 20 MILS MIN.

3. ALL STEEL FLANGES SHALL BE CLASS D AS PER AWWA C-207.

4. ALL DUCTILE IRON FITTINGS SHALL MEET AWWA C-110 & C-153, CLASS 150. THE INTERIOR SHALL BE MORTAR LINED AS PER AWWA C-104 AND BELOW GROUND EXTERIOR SHALL HAVE A COAL TAR COATING AS PER AWWA C-203.

5. ALL NUTS AND BOLTS BELOW GROUND SHALL BE POLYETHYLENE ENCASED AS PER AWWA C-105 OR TAPE WRAPPED AS PER AWWA C-205, 20 MILS MIN. IN BOTH CASES.

6. BOTH GATE VALVES SHALL BE SUPERVISED BY THE FIRE ALARM SYSTEM.

7. CONTRACTOR SHALL PROVIDE CHAIN FOR LOCKING WHEELS TOGETHER (UNIVERSITY TO PROVIDE LOCK).

8. CONTRACTOR SHALL PROVIDE REMOVABLE INSULATION BLANKET.