ATMOSPHERIC VACUUM BREAKER

NOTES:
1. THE VACUUM BREAKER SHALL BE INSTALLED DOWNSTREAM FROM THE CONTROL VALVE.
2. EXCEPT AS NOTED, ALL PIPE AND FITTINGS SHALL BE GALVANIZED STEEL PER THE STANDARD SPECIFICATIONS.
4. THE ATMOSPHERIC VACUUM BREAKER CAN BE NO LARGER THAN A 1 1/2" SIZE UNIT.
5. NO VALVE OR SHUT OFF SHALL BE INSTALLED DOWNSTREAM FROM THE ATMOSPHERIC VACUUM BREAKER.
6. THE BACKFLOW PREVENTER TO BE INSTALLED, SHALL BE OF A TYPE AND MANUFACTURE CURRENTLY APPROVED BY THE COUNTY OF LOS ANGELES, DEPARTMENT OF HEALTH SERVICES.
3" MINIMUM CLEARANCE TO HANDWHEEL ON OPEN POSITION (TYPICAL)

PRESSURE VACUUM BREAKER

FINISHED GRADE

3" MINIMUM CLEARANCE TO HANDWHEEL ON OPEN POSITION (TYPICAL)

PRESSURE VACUUM BREAKER

FINISHED GRADE

(HARD - SURFACE)

UNION WITH BRASS OR COPPER SEAT (TYPICAL)

SCHEDULE 80 PVC NIPPLE LENGTH AS REQUIRED (TYPICAL)

COUPLING (TYPICAL)

12" WIDE CONCRETE

NOTES:
1. EXCEPT AS NOTED, ALL PIPE AND FITTINGS SHALL BE GALVANIZED STEEL PER THE STANDARD SPECIFICATIONS.
2. CONCRETE SHALL BE 420-C-2000.
3. THE PRESSURE VACUUM BREAKER SHALL BE TESTED BY A CERTIFIED TESTER AND THE RESULTS SENT TO THE LOS ANGELES COUNTY HEALTH DEPARTMENT ON THE "BACKFLOW PREVENTION DEVICE FIELD TESTING AND MAINTENANCE REPORT" A DUPLICATE COPY OF THE REPORT SHALL BE FURNISHED TO THE ENGINEER.
4. THE BACKFLOW PREVENTER TO BE INSTALLED, SHALL BE OF A TYPE AND MANUFACTURE CURRENTLY APPROVED BY THE COUNTY OF LOS ANGELES, DEPARTMENT OF HEALTH SERVICES.

PRESSURE VACUUM BREAKER
NOT TO SCALE
REDUCED PRESSURE BACKFLOW PREVENTER

90° ELBOW (TYPICAL)

3" MINIMUM CLEARANCE TO HANDWHEEL ON OPEN POSITION (TYPICAL)

FINISHED GRADE

FERMINISHED GRADE (HARD-SURFACE)

3" NIPPLE (TYPICAL)

FINISHED GRADE

GATE VALVE WITH HANDWHEEL (TYPICAL)

6" DIAMETER CONCRETE VALVE BOX WITH COVER (TYPICAL)

2" ABOVE GRADE FOR GROUND COVER AND 1" LAWN AREA

NOTES:
1. EXCEPT AS NOTED, ALL PIPE AND FITTINGS SHALL BE GALVANIZED STEEL PER THE STANDARD SPECIFICATIONS.
2. CONCRETE SHALL BE 420 - C - 2000.
3. THE BACKFLOW PREVENTER SHALL BE TESTED BY A CERTIFIED TESTER AND THE RESULTS SENT TO THE LOS ANGELES COUNTY HEALTH DEPARTMENT ON THE "BACKFLOW PREVENTION DEVICE FIELD TESTING AND MAINTENANCE REPORT." A DUPLICATE COPY OF THE REPORT SHALL BE FURNISHED TO THE ENGINEER.
4. THE BACKFLOW PREVENTER TO BE INSTALLED SHALL BE OF A TYPE AND MANUFACTURE CURRENTLY APPROVED BY THE COUNTY OF LOS ANGELES, DEPARTMENT OF HEALTH SERVICES.

REDUCED PRESSURE BACKFLOW PREVENTER-TYPE I
NOT TO SCALE
CIRCULAR ENCLOSURE
14 GAUGE STEEL GALVANIZED AFTER FABRICATION

GRIND FLUSH ALL AROUND

PAINT EXTERIOR SURFACES OF ENCLOSURE WITH 1 COAT OF PRIMER AND 1 COAT OF PAINT APPROVED BY THE ENGINEER - LANDSCAPE ARCHITECTURAL SECTION

3/4" X 22" DIA. BOLT (SEE NOTE NO. 4 BELOW)

SCHEDULE 80 PVC COUPLING (TYPICAL)

FINISHED GRADE

6-1" DIAMETER DRAIN HOLES EQUALLY SPACED AROUND ENCLOSURE

PLACE ON COMPACTED SOIL

12" DEEP PEA GRAVEL SUMP

NIPPLE - LENGTH AS REQUIRED (TYPICAL)

4 - 1" DIAMETER DRAIN HOLES EQUALLY SPACED AROUND ENCLOSURE

LOWEST PART OF DEVICE LEVEL

CONCRETE ENCLOSURE BASE 6" DIAMETER DRAIN HOLES EQUALLY SPACED 4 - 2" X 1 1/2" X 1/2" - 1" LONG EQUALLY SPACED

PER MANUFACTURE'S SPECIFICATION

90° ELBOW (TYPICAL)

MAIN LINE (TYPICAL)

NOTES:
1. EXCEPT AS NOTED, ALL PIPE AND FITTINGS SHALL BE BRASS PER ASTM DESIGNATION B43.
2. CONCRETE SHALL BE 420-C-2000.
3. THE BACKFLOW PREVENTER SHALL BE TESTED BY A CERTIFIED TESTER AND THE RESULTS SENT TO THE LOS ANGELES COUNTY HEALTH DEPARTMENT ON THE "BACKFLOW PREVENTION DEVICE FIELD TESTING AND MAINTENANCE REPORT." A DUPLICATE COPY OF THE REPORT SHALL BE FURNISHED TO THE ENGINEER.
4. PROVIDE 3/8" DIAMETER BOLT THROUGH ENCLOSURE TO LOCK ENCLOSURE TO BACKFLOW PREVENTER. DRILL BOLT END WITH 3/8" HOLE TO PROVIDE FOR LOCK.
5. BACKFLOW DEVICE SHALL BE INSTALLED AT LOCATION INDICATED ON PLANS. A MINIMUM OF 6" ABOVE FLOOD LINE MUST BE MAINTAINED.
6. THE BACKFLOW PREVENTER TO BE INSTALL, SHALL BE OF A TYPE AND MANUFACTURE CURRENTLY APPROVED BY THE COUNTY OF LOS ANGELES, DEPARTMENT OF HEALTH SERVICES.

REDUCED PRESSURE BACKFLOW PREVENTER & ENCLOSURE-TYPE 2

NOT TO SCALE

STANDARD PLAN NO. S-65G-0

VAULT INDEX NUMBER 6-3658

SHEET 4 OF 4 SHEETS