LEGEND:

1. FINISH GRADE.
2. SERVICE SIZE GALVANIZED STEEL PIPE FROM WATER METER.
3. PRECAST CONCRETE BOX AND TRAFFIC LID WITH EXTENSIONS, AS NECESSARY (SEE 'TABLE B– STRAINER UNIT DIMENSIONS').
4. Y-STRAINER SIMILAR TO BAILEY NO. 100-A (SIZE AS SHOWN ON THE PLAN) WITH BLOW-OFF GATE VALVE, SPLIT-WEDGE TYPE, SIZED TO MATCH THE STRAINER BLOW-OFF OPENING AND INSTALLED AS SHOWN (FOR PARKS CONSTRUCTION ONLY).
5. REDUCED PRESSURE BACKFLOW PREVENTER. WILKINS 575RP FOR SIZES 3/4 " THROUGH 2" AND FOR SIZES 2 1/2 " THROUGH 4". UNIT SHALL BE SIZED AND INSTALLED AS SHOWN ON THE PLAN.
6. ADJUSTABLE PIPE SADDLE SUPPORT, GALVANIZED STEEL, SUITABLE FOR SUPPORTING GENERAL PIPING 3" AND LARGER, FROM FLOOR.
7. BACKFLOW PREVENTER ENCLOSURE MANUFACTURED BY LEMEUR. ENCLOSURE SHALL BE SINGLE– SWING TYPE FOR BACKFLOW UNIT SIZES 3/4 " THROUGH 2" AND DOUBLE– SWING ("CLAM SHELL") TYPE FOR SIZES 2 1/2 " THROUGH 4". FRAME SHALL BE 1 1/2 "x 1 1/2 "x 3/16 " STEEL ANGLE WITH 1 1/2 " #9 EXPANDED METAL, (SEE 'TABLE A – BACKFLOW UNIT DIMENSIONS' FOR SIZE REQUIREMENT) INSTALL AS SHOWN ON THE PLAN.
8. 6" CONCRETE ENCLOSURE PAD, SIZE AS SHOWN ON THE PLAN.
9. SERVICE SIZE GALV. STEEL PIPE RISER WITH A MINIMUM OF TWO (2) UNIONS FOR THREADED CONNECTIONS.
10. GALV. STEEL 90° ELL, FLANGED OR THREADED, SIZED AND INSTALLED AS SHOWN.
11. CONCRETE THRUST BLOCK (SEE PAGE W-7 OF THE STANDARD PLAN DETAILS FOR PUBLIC WORKS CONSTRUCTION).
12. SERVICE SIZE GALV. STEEL PIPE RISER WITH A MINIMUM OF TWO (2) UNIONS FOR THREADED CONNECTIONS.
13. PVC FEMALE ADAPTER.
14. MAIN PIPE, CLASS 315 PVC (SIZE AS SHOWN ON THE PLAN).
15. WATER METER BY OTHERS (SIZE AS SHOWN).
16. SHUT– OFF COCK BY OTHERS.
17. 3/4 " TO 1" SMOOTH DRAIN ROCKS, 6" DEPTH, MIN.
18. SIZE OF SHUT– OFF VALVE SHALL MATCH BLOW-OFF OPENING.
19. TWO COATS OF ENAMEL COLOR SPECIFIED BY THE ENGINEER.

NOTES:

1. GATE VALVES AND TEST COCKS ARE REQUIRED.
2. WATER SUPPLY– NO CONNECTIONS OR TEES WILL BE ALLOWED BETWEEN THE WATER METER AND BACKFLOW UNIT.
3. PROTECTION FROM FREEZE DAMAGE MAY BE REQUIRED IN EXPOSED AREAS.
4. DEVICE MUST BE ACCESSIBLE FOR TESTING AND MAINTENANCE.
5. WRAP BURIED GALVANIZED PIPE WITH 3M TAPE AS USED FOR GAS MAINS.

APPROVED BY	BACKFLOW PREVENTER UNIT LEGEND & NOTES	CITY OF SAN JOSE CALIFORNIA	DRAWING NO.
DATE 11/20/91	DEPARTMENT OF PUBLIC WORKS		L-9