

NOTES:

1. ALL SANITARY SEWER MANHOLES, SEPARATORS, GREASE TRAPS, AND/OR PRIVATE LIFT STATIONS SHALL BE LEAK TESTED BY THE CONTRACTOR IN THE PRESENCE OF AN AUTHORIZED CITY OF OROVILLE REPRESENTATIVE. EXCLUDING GREASE TRAPS AND INTERCEPTORS, ALL LEAK TESTING CONDUCTED USING LOW PRESSURE AIR OR VACUME. GREASE TRAPS AND INTERCEPTORS SHALL BE LEAK TESTED USING WATER.
2. NO PERMANENT PAVEMENT SHALL BE PLACED UNTIL EACH MANHOLE HAS PASSED TESTING AND HAS BEEN ACCEPTED BY THE CITY. MANHOLES SHALL BE TESTED PRIOR TO BACKFILL,
3. IF, IN THE OPINION OF THE CITY INSPECTOR, THE MANHOLE HAS BEEN DAMAGED DURING THE PLACEMENT AND COMPACTION OF BACKFILL, OR THE INSTALLATION OF GRADE RINGS HAS BEEN DEFICIENT IN MATERIALS OR WORKMANSHIP, THE CONTRACTOR SHALL LEAK TEST THE MANHOLE AGAIN IN THE MANNER SPECIFIED ABOVE.

VACUUM TEST:

ALL PIPES ENTERING THE MANHOLES SHALL BE PLUGGED.

THE TESTING DEVICE SHALL BE CONNECTED TO THE MANHOLE PER THE MANUFACTURER'S RECOMMENDATION. THE GAGE SHALL BE APPROVED BY THE ENGINEER.

A VACUUM OF TEN (10) INCHES OF MERCURY SHALL BE DRAWN AND THE VACUUM PUMP SHUT OFF. TIME SHALL BE MEASURED FOR THE VACUUM TO DROP TO NINE (9) INCHES HG. THE MANHOLE SHALL PASS IF THE TIME IS GREATER THAN 60 SECONDS FOR 48 INCH DIAMETER, 75 SECONDS FOR 60 INCH DIAMETER, OR 90 SECONDS FOR 72 INCH DIAMETER MANHOLES.



DEPARTMENT OF PUBLIC WORKS		
STANDARD FOR SANITARY SEWER MANHOLE LEAK TESTING		
DRAWN BY. SG	<u>RICK WALLS, P.E.</u> DIRECTOR OF PUBLIC WORKS DEPARTMENT	SHEET 1 OF 1 SS-09