



NOTES:

1. MINIMUM 54" TYPE 2 CB. LARGER MANHOLES REQUIRED FOR OUTLET PIPES GREATER THAN 12" OR MULTIPLE ORIFICE RESTRICTORS.
2. OUTLET CAPACITY: 50-YEAR DEVELOPED PEAK FLOW.
3. RESTRICTOR FABRICATED FROM ALUMINUM OR PVC PIPE.
4. FRAME AND LADDER OR STEPS OFFSET SO:
 - A. CLEANOUT GATE IS VISIBLE FROM TOP;
 - B. CLIMB-DOWN SPACE IS CLEAR OF RISER AND CLEANOUT GATE;
 - C. FRAME IS CLEAR OF CURB.
5. IF METAL OUTLET PIPE CONNECTS TO CEMENT CONCRETE PIPE, OUTLET PIPE TO HAVE SMOOTH O.D. EQUAL TO CONCRETE PIPE ID. LESS 1/4 IN.
6. PROVIDE AT LEAST TWO 3 X 0.090 GAUGE STAINLESS STEEL SUPPORT BRACKETS ANCHORED TO CONCRETE WALL WITH 5/8 IN STAINLESS STEEL EXPANSION BOLTS OR EMBEDDED SUPPORTS 2 IN INTO M/H WALL. MAX 3' OC.
7. LOCATE ELBOW RESTRICTOR(S) AS NECESSARY TO PROVIDE MIN CLEARANCE AS SHOWN.
8. ORIFICE SCREEN IS REQUIRED FOR ORIFICES LESS THAN 3" DIAMETER. RESTRICTOR PLATE FROM 12 GAUGE ALUMINUM OR PVC PIPE.
9. CONSTRUCT VALVE BOX ADJACENT TO MANHOLE ACCESS.

CITY OF REDMOND, WASHINGTON			STANDARD DETAILS
APPROVED BY: RON GRANT CITY ENGINEER			FLOW CONTROL STRUCTURE
REVISION DATE: MARCH 01, 2012			FILE NAME: SD610.DWG DETAIL NUMBER: 610