NOTES

1. MANHOLES SHALL BE STANDARD REINFORCED CONCRETE SECTIONS 48" I.D. x 4'-0". IF MORE THAN ONE SECTION IS USED, INSTALL RAMNEK AT JOINTS.

2. INSTALL RAMNEK SEAL UNDER COVER FRAME ENTIRELY AROUND MANHOLE.

3. SAMPLING PORT IS TO BE LOCATED IN A LOCATION WHERE IT CAN BE ACCESSED AT ANY TIME. LOCATION AS APPROVED BY CITY ENGINEER.

4. NO OTHER APPARATUS SHALL BE INSTALLED IN THE SAMPLING PORT MANHOLE.

5. SAMPLING PORT MANHOLE LID SHALL NOT BE OF A BOLT DOWN TYPE BUT SHALL BE CAST IRON ONLY AS APPROVED BY THE CITY ENGINEER.

PLACE MANHOLE ACCESS PARALLEL TO THE SERVICE PIPE TO ALLOW SAMPLER CLEAR ACCESS DOWN PAST THE SERVICE.

24" DIA. CAST IRON FRAME AND COVER PER WSDOT STANDARD PLAN B-30.70-03

48" DIA. STANDARD

AREA UNDER ASSEMBLY SHALL BE CLEAR

A

MINIMUM

4' MIN DEPTH

FLOW

FROM BUILDING

OUT TO SEWER

FLOW

FLOW

4" SERVICE (TYP)

4"X4"X4" TEE DO NOT CAP

MINIMUM

24"

48" DIA. STANDARD

FLOW

FLOW

PLAN VIEW

SECTION A-A

SECTION B-B

4" MAX.

4" Service Base or cast in place base cl 4000 concrete

24" MINIMUM