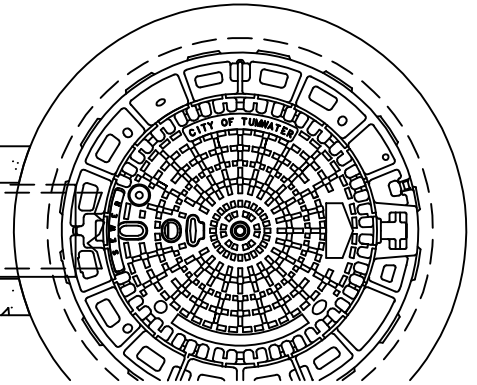


CONCRETE BLOCK  
UNDER 90° BEND

6" MIN.

6" MIN.



BRING TO SURFACE, SEE CITY DETAIL.

BACKFILL WITH COMPACTED MATERIAL  
AS DIRECTED BY THE ENGINEER

PVC CROSS

FLEXIBLE JOINT

ONE LENGTH OF ASTM 3034  
SDR 35 PVC PIPE W/CDF  
PLACED AROUND PIPE  
UP TO THE SPRING LINE

BACKFILL WITH CDF

STAINLESS STEEL ANCHOR STRAPPING

CEMENT CONCRETE  
CLASS 3000 BLOCK  
POURED IN PLACE  
TO SOLID BEARING  
GROUND

TYPICAL MANHOLE  
FOUNDATION CONSTRUCTION

1' MIN.  
SEE NOTE 3

TYPICAL MANHOLE

GROUT CROSS INTO MH  
SEE NOTE 2.

1/4" X 1 1/2"  
SELFTAPPING STAINLESS  
STEEL SCREWS

PLUG CUT IN HALF  
SECURED WITH SCREWS  
SEE ABOVE NOTE

1' MIN.

1" MAX.

PVC 3034 PIPE

6" MIN.

PVC 90° BEND  
EXTENDING A MAX.  
OF 1" INTO MANHOLE

**GENERAL NOTES:**

1. RESTRAIN JOINTS AS REQUIRED BY ENGINEER.
2. MAINTAIN A MINIMUM OF 1' BETWEEN MANHOLE JOINTS AND CROSS.
3. ALLOWED FOR USE WITH SHALLOW MANHOLES ONLY.
4. STAINLESS STEEL (316) BRACKETS/HANGARS SHALL BE INSTALLED 3' ON CENTERS.
5. GNU LINED BASE IS REQUIRED WHEN INSTALLING OUTSIDE DROPS.

CITY OF TUMWATER, WASHINGTON  
DEPT. OF PUBLIC WORKS

**DROP CONNECTION  
OUTSIDE / PVC**

APPROVED

DWG. NO.

CITY ENGINEER

**SS-7**

DES.  
PW

DWG. BY  
PW

CK'D BY  
KMC

DATE  
JAN. 2012

NOT TO  
SCALE