SPECIFICATIONS:

1. Pattern shall be no. 1012 WT manufactured by The Cambell Foundry Co. or approved equal.

2. AASHTO HS20-44 highway loading.

3. Material shall be gray cast iron which meets or exceeds ASTM A48-83, class 30B.

4. All castings supplied with:
   - Machined bearing surfaces
   - Non-penetrating pick holes
   - 1/4" flat neoprene gasket
   - 1/2" diameter stainless steel cap screws

TOWN OF SOUTH WINDSOR
STANDARD DETAIL
MARCH, 2005

STANDARD WATERTIGHT MANHOLE FRAME & COVER

FRAME

STAINLESS STEEL SOCKET HEAD CAP SCREW – 1/2"
13 THD. x 1-1/2" LONG.
2 REQUIRED LOCATED 180 DEG. APART.

COVER

1/4" FLAT NEOPRENE GASKET

DRILL & TAP HOLES IN FRAME FOR 1/2"-13 THREAD CAP SCREW.
LOCATE HOLES FROM COUNTER BORED HOLES IN COVER (IN 2 PLACES)

COVER DRILL & COUNTERBORE 1/2" DEEP
FOR 1/2" SOCKET HEAD CAP SCREW
(2 PLACES IN COVER)

DETAIL "A"

NOT TO SCALE

APPROVED

PUBLIC WORKS DIRECTOR

REVISED:

SD–49

WTMANHOLE.DWG