STORM MANHOLE
ALTERNATE

8- 1 1/2" DIA.
BONDING HOLES

2- 1 1/2" DIA.
HANDLING HOLES

SECTION B-B
CAST IRON FRAME

SECTION A-A
CAST IRON COVER

NOTES:

1. THE LOWER SURFACE OF THE COVER AND THE CORRESPONDING UPPER SURFACE OF THE FRAME SHALL BE MACHINE FINISHED TO PROVIDE A SMOOTH FLAT CONTACT OR FIT, WITHOUT ANY TENDENCY FOR THE COVER TO ROCK OR RATTLE.

2. SANITARY SEWER MANHOLES SHALL BE EQUIPPED WITH VENT HOLE IN CENTER.

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

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

FRAME

TOWN OF SOUTH WINDSOR
STANDARD DETAIL
MARCH, 2005

CAST IRON MANHOLE
FRAME AND LOCKING COVER

PUBLIC WORKS DIRECTOR

SD-48

LOCKMANCOVER.DWG