CIRCULAR FASTENERS TO BE SPOT WELDED AS DEPICTED
AND ANCHOR BOLTED INTO FRONT OF STRUCTURE WITH
MINIMUM 1/2"X3" STAINLESS STEEL BOLTS

1/2" SMOOTH STEEL BARS
4"X8" OPENINGS
SPOT WELD @ EACH JOINT

NOTES:
1. ALL EXTERIOR WALLS OF CATCH BASIN WILL BE FACED, PAINTED
   AND GROUTED WITH CEMENT.
2. LADDER Rungs SHALL BE PROVIDED IN CATCH BASIN WHERE
   HEIGHT OF STRUCTURE EXCEEDS 8 FEET.
3. IN SANDY SOILS, APPLY DAMP-PROOFING ON ALL FOUR WALLS.
4. RED BRICK NOT TO BE USED.
5. WHERE PRECAST CONCRETE UNIT
   IS USED FOR SUMP, THE TOP OF
   THE UNIT SHALL BE AT LEAST
   6" BELOW THE BOTTOM OF THE
   PIPE OUTLET FROM THE CATCH
   BASIN.
6. WHERE MASONRY CONCRETE UNITS
   ARE USED, CORBELING WILL BE
   PERMITTED, MAX. CORBEL TO BE 3";
   NO PROJECTION SHALL EXTEND
   INSIDE OF LIMITS.
7. ADJUST FRAME ELEVATION WITH
   CONCRETE BRICKS 6" TO 12"
8. PROVIDE MINIMUM 2'-0" OF
   COVER OVER PIPE AT BOLTS
9. PROVIDE 6" OF 3/4" TRAPROCK
   UNDER EACH STRUCTURE AT BASE.
10. TOP GRATE SHALL BE BOLTED DOWN
    TO FRAME.
11. ALL FRAMES AND GRATES SHALL BE
    GALVANIZED.

TOWN OF SOUTH WINDSOR
STANDARD DETAIL
MARCH, 2005

DETENTION BASIN OUTLET
REVISED: MAY, 2001

APPROVED
PUBLIC WORKS DIRECTOR

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