

| PIPE NO. 5 BARS          | 15"       |          | 18"       |          | 21"       |          | 24"       |        |
|--------------------------|-----------|----------|-----------|----------|-----------|----------|-----------|--------|
|                          | TOTAL LG. | X DIM.   | TOTAL LG. | X DIM.   | TOTAL LG. | X DIM.   | TOTAL LG. | X DIM. |
| (A)                      | 8         | 2'-11"   | 8         | 3'-2"    | 8         | 3'-5"    | 8         | 3'-8"  |
| (B)                      | 10        | 9'-6"    | 10        | 9'-9"    | 12        | 10'-0"   | 12        | 10'-4" |
| (C)                      | 7         | 3'-4"    | 7         | 3'-4"    | 7         | 3'-4"    | 9         | 3'-4"  |
| (D)                      | 4         | 3'-11"   | 4         | 4'-4"    | 4         | 4'-10"   | 6         | 5'-4"  |
| (E)                      | 2         | 6'-6"    | 2         | 7'-0"    | 2         | 7'-6"    | 2         | 8'-0"  |
| (F)                      | 10        | 7'-7"    | 10        | 7'-7"    | 10        | 7'-7"    | 10        | 7'-7"  |
| (G)                      | 12        | 3'-4"    | 12        | 3'-4"    | 12        | 3'-4"    | 12        | 3'-4"  |
| (H)                      | 22        | 9'-1"    | 22        | 9'-8"    | 22        | 10'-2"   | 22        | 10'-8" |
| (J)                      | 8         | 3'-4"    | 8         | 3'-4"    | 8         | 3'-4"    | 8         | 3'-4"  |
| (K)                      | 8         | 2'-4"    | 8         | 2'-4"    | 8         | 2'-4"    | 8         | 2'-4"  |
| (M)                      | 4         | 3'-7"    | 4         | 3'-10"   | 4         | 4'-1"    | 4         | 4'-4"  |
| 569 LBS.                 |           | 591 LBS. |           | 632 LBS. |           | 672 LBS. |           |        |
| CU. YDS. CLASS "A" CONC. |           |          |           |          |           |          |           |        |
| 4.73                     |           | 5.07     |           | 5.43     |           | 5.79     |           |        |

1. CU. YD. PER FOOT INCREASE OR DECREASE WHEN MANHOLE HEIGHT VARIES FROM 7'-1" + 2 I.D. + 1'.
2. REMOVABLE STOPPER-MASONRY, CAST IRON OR OTHER TYPES OF STOPPERS WILL BE PERMITTED IF APPROVED BY THE ENGINEER.
3. SEE CUR. STD. DWG. RDM-100 FOR CASTINGS TO BE USED IN NON-TRAFFIC AREAS AND CUR. STD. DWG. RDM-105 FOR CASTINGS TO BE USED IN TRAFFIC AREAS.
4. SEE CUR. STD. DWG. RDB-430 FOR STEP TYPE, SPACING AND DETAIL.
5. (A) & (H) BARS SPACED APPROXIMATELY 6" O.C. ALL OTHER BARS SPACED APPROXIMATELY 1'-0" O.C.
6. CONSTRUCTION JOINT NOT PERMITTED BELOW FLOW LINE ELEVATION.

- NOTES
7. ENCRICLED LETTERS, ( ), INDICATE STEEL BAR LOCATIONS.
  8. T = PIPE THICKNESS, I.D. = INSIDE DIA. OF PIPE, O.D. = OUTSIDE DIA. OF PIPE.
  9. 2'-0" DESIRED COVER, 1'-0" MINIMUM COVER OVER PIPE.
  10. THE (H) BAR SHALL BE INCREASED INCH FOR INCH WHEN BOX EXCEEDS MINIMUM HEIGHT. ADD TWO (F) BARS FOR EACH 1'-0" INCREASE ABOVE MINIMUM HEIGHT.
  11. DIMENSIONS FROM FACE OF CONCRETE TO STEEL SHALL BE 2"

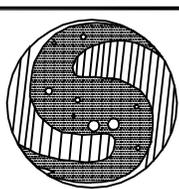
# TRAPPED MANHOLE

N.T.S.

(REF. KYTC STANDARD DETAIL RDM-050)

DATE: MARCH 2010  
STANDARD DRAWING NO: 111

SANITATION DISTRICT NO. 1  
1045 Eaton Drive  
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| REVISION | BY | DATE |
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