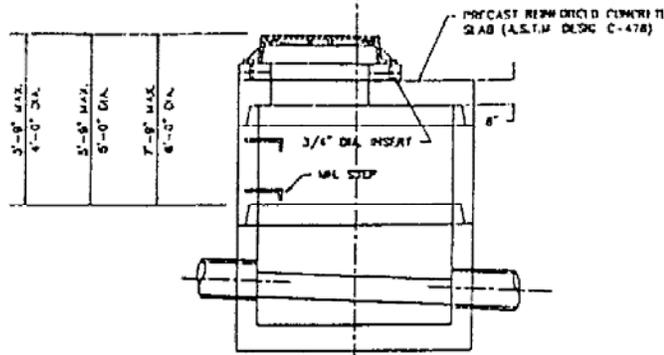


18 Attachment 3

Township of East Rockhill



NOTE: TYPE "B" MANHOLE TO BE SAME AS TYPE "A" EXCEPT AS OTHERWISE NOTED

1. THE DEPTH OF THE INVERT CHANNEL SHALL BE EQUAL TO 3/4 OF THE DIAMETER OF THE SEWER.
2. THE SHELF SHALL SLOPE TOWARD THE INVERT CHANNEL AT A RATE OF 1" PER FOOT.
3. TYPE "B" MANHOLES (SHALLOW TYPE) TO BE PROVIDED WHERE REQUIRED BY DEPTH CONDITIONS. ALL OTHER MANHOLES TO BE TYPE "A".
4. FOR MANHOLES HAVING 5' DIA. AND 6' DIA. BASE, REDUCTION IN DIAMETER TO 4' SHALL START AT THE FIRST JOINT ABOVE THE UPPERMOST PIPE CONNECTION TO WALL, WHERE DEPTH IS SUFFICIENT.
5. ALL MANHOLE FRAMES SHALL BE BOLTED TO THE CONE SECTION OR CONCRETE SLAB WITH 4 - 3/4" DIA. BOLTS WITH WASHERS AND NUTS. BOLTS TO BE AT 90° ON A 36" DIA. BOLT CIRCLE.
6. SEE THE SPECIFICATIONS FOR LENGTH OF PIPE CONNECTIONS TO MANHOLES.
7. ALL CONCRETE SHALL BE 4000 PSI MINIMUM.
8. ENTIRE OUTSIDE SURFACE OF MANHOLE SHALL RECEIVE TWO COATS OF BITUMINOUS COATING, KOPPERS JOOM, PENNOXY TAR 32-3-4, OF APPROVED EQUAL.
9. INSTALL PLASTIC PREFORMED JOINT SEALANT BETWEEN ALL SECTIONS AND UNDER FRAME.
10. MANHOLE CONSTRUCTION SHALL BE IN ACCORDANCE WITH ASTM C478.
11. STEPS TO BE ALUMINUM ALLOY WITH DEPRESSED TREAD. STEEL REINFORCED POLYPROPYLENE IS OPTIONAL (SEE DETAIL S-7)
12. 4' DIA. MANHOLE - 8" TO 15" PIPES  
5' DIA. MANHOLE - 18" TO 27" PIPES  
6' DIA. MANHOLE - 30" TO 48" PIPES

NOTE: 6 inch minimum depth of 2B stone bedding shall be provided beneath all manholes.

EAST ROCKHILL TOWNSHIP SEWER STANDARDS

Not To Scale	TYPE B (SHALLOW) MANHOLE	S-2
1/92 DATE		