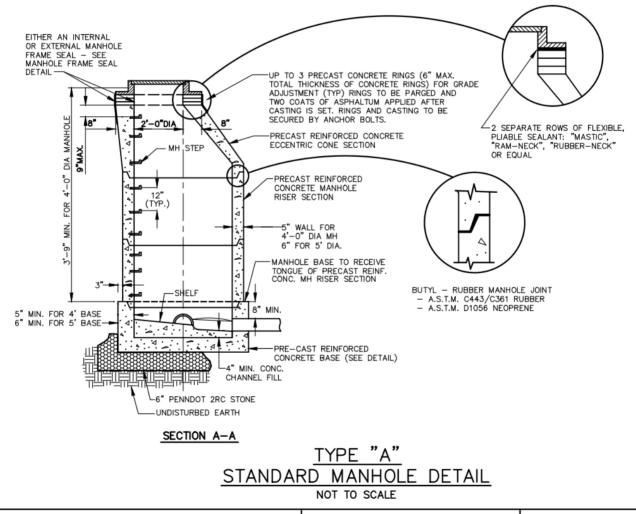


## NOTES:

- 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. THE WALL THICKNESS IN A 4'-0" DIA. PRECAST BASE SHALL BE AS FOLLOWS FOR PIPES 16" AND SMALLER, 5" WALL: FOR PIPES 18" AND LARGER, 8" WALL.
  5. ALL MANHOLE FRAMES FOR "OFF THE ROAD" MANHOLES SHALL
- 5. ALL MANHOLE FRAMES FOR "OFF THE ROAD" MANHOLES SHALL BE BOLTED TO THE CONE SECTION OR CONCRETE SLAB WITH 2'-3/4" DIA. BOLTS WITH WASHERS AND NUTS;. BOLTS TO BE AT 180 ON A 36" DIA. BOLT CIRCLE.

  6. FOR MANHOLES HAVING 5'-0" DIA AND 6'-0" BASES REDUCTION IN DIAMETER TO 4'-0" SHALL START AT THE FIRST JOINT ABOVE THE UPPERMOST PIPE CONNECTION TO WALL,
- WHERE DEPTH IS SUFFICIENT.
- 7. ENTIRE PERIMETER OF MANHOLE SHALL BE BACKFILLED WITH 2A MODIFIED STONE TO A POINT NO LESS THAN 1 FT. ABOVE THE TOP OF PIPE CONNECTING AT THE HIGHEST ELEVATION.



TYPE "A" STANDARD MANHOLE PREPARED FOR: PERKASIE REGIONAL AUTHORITY



306 NORTH FIFTH STREET, PERKASIE, PA (215) 257-5711

DSN BY: P.C.A. CHK BY: P.C.A DATE: 3/15/96 PRA-S01 DWG NO.