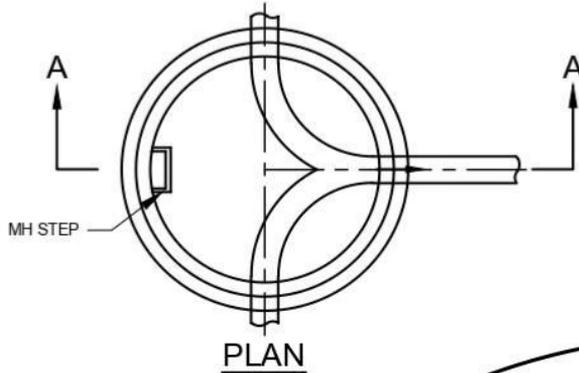
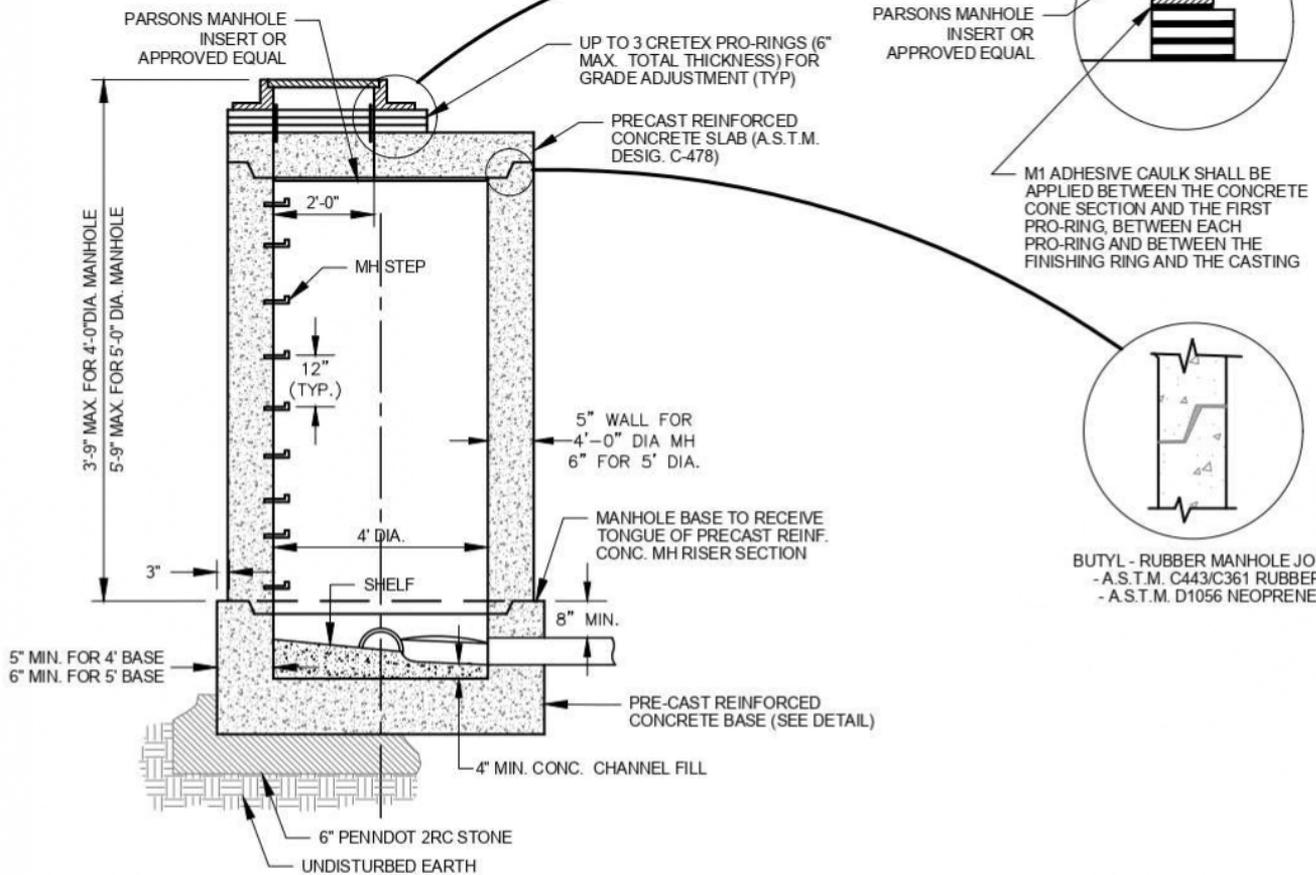


NOTES:

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 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 A 5'-0" OR 6'-0" DIA. 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. BUTYL RUBBER ADHESIVE SHALL BE CUT FLUSH WITH THE INTERIOR OF THE MANHOLE.



PLAN



SECTION A-A

TYPE "B" STANDARD MANHOLE DETAIL

NOT TO SCALE

REVISED 02/24/2026

U:\ADMIN\SELLERS\LEAD\DESIGN\AUTHORITY CLIENTS\PERKASIE\SANITARY DETAILS\ALL PRA SANITARY DETAILS 2025.DWG PLOTTED: 2/24/2026 11:39:28 AM BY: TINA CARTER PLOTSTYLE: PENNONI.NCS SIB. PROJECT STATUS: ---



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

DESIGNED BY:	JAR
CHECKED BY:	SRT
DATE:	3/18/96
DRAWING NO.	PRA-S03