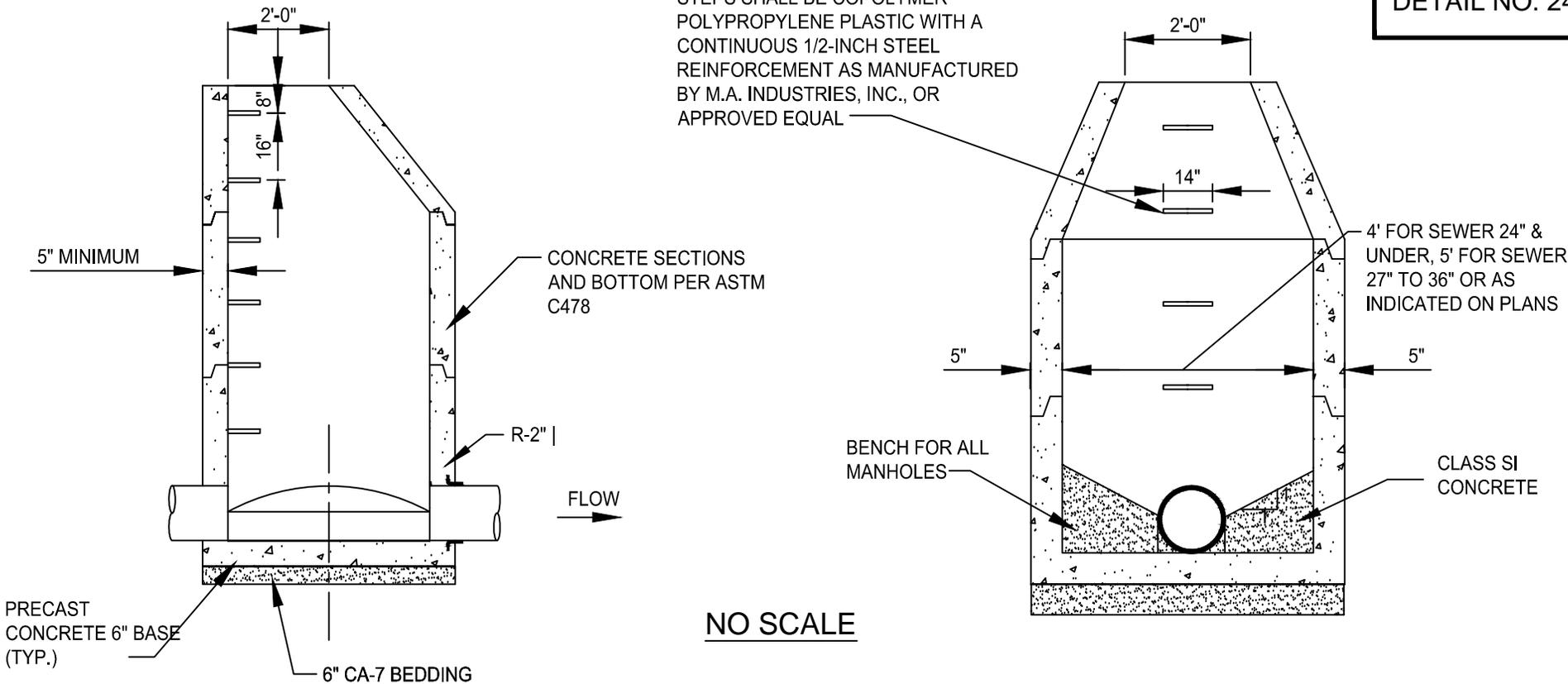


DETAIL NO. 24

STEPS SHALL BE COPOLYMER POLYPROPYLENE PLASTIC WITH A CONTINUOUS 1/2-INCH STEEL REINFORCEMENT AS MANUFACTURED BY M.A. INDUSTRIES, INC., OR APPROVED EQUAL



NOTE:

1. SANITARY MANHOLES SHALL HAVE WATERSTOP GASKETS CAST INTO STRUCTURES AT ALL PIPE PENETRATIONS. (SEE MANHOLE PIPE CONNECTION DETAIL)
2. SANITARY MANHOLES SHALL HAVE CRETEX INTERNAL CHIMNEY SEALS AND
3. SANITARY MANHOLES SHALL HAVE RAINSTOPPER INSERTS. FOR RESIDENTIAL DEVELOPMENT: THE MANPAN CLASSIC INSERT SHALL BE SPECIFIED AND FOR COMMERCIAL DEVELOPMENT THE PARSON'S INSERT SHALL BE SPECIFIED.
4. SANITARY MANHOLES SHALL HAVE INTEGRAL BASES.
5. MANHOLE BARREL JOINTS SHALL BE TONGUE AND GROOVE TYPE WITH TWO ROWS OF EXTRUDIBLE PREFORMED PLASTIC GASKET MATERIAL (BUTYL ROPE).
6. MACWRAP EXTERNAL JOINT SEALING BANDS IN ACCORDANCE WITH ASTM C-877, OR APPROVED EQUIVALENT, MUST BE PROVIDED AT SANITARY MANHOLE JOINTS.
7. STORM MANHOLES SHALL HAVE A WALL THICKNESS OF 6" FOR 5' DIAMETER STRUCTURES AND 7" FOR 6' DIAMETER STRUCTURES
8. SANITARY MANHOLES SHALL PASS VACUUM-TESTING PER ASTM C-1244.
9. SEE CASTING INSTALLATION AND ADJUSTING DETAIL FOR CASTING REQUIREMENTS.

VILLAGE OF NEW LENOX
STANDARD DETAIL
FOR
MANHOLE, TYPE A

REV:	5
DATE:	AUG 2014
FILE:	MISCMHA