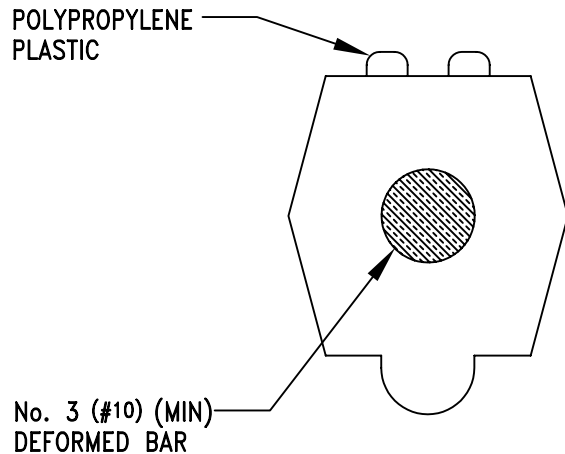




SECTION B-B



SECTION A-A

NOTES:

1. STEPS FOR PRECAST CONCRETE MANHOLES SHALL BE OF STEEL REINFORCED POLYPROPYLENE; M.A. INDUSTRIES INC., NO. PS-IPF, LANE INTERNATIONAL CORP. P-10938, NEXTEP MWT288 OR APPROVED EQUAL.
2. STEPS SHALL BE LOCATED AS FOLLOWS: UPPERMOST STEP SHALL BE NO MORE THAN 2'-2" (660 mm) BELOW TOP OF MANHOLE COVER; INTERMEDIATE STEPS SHALL BE SPACED AT 1'-0" (305 mm) MIN., 1'-3" (380 mm) MAX CENTER TO CENTER. THE BOTTOM STEP SHALL BE NO MORE THAN 1'-6" (455 mm) ABOVE THE FINISHED MANHOLE BASE.
3. STEPS TO BE DRIVEN INTO PRE-FORMED HOLES IN PRECAST CONCRETE MANHOLE SECTIONS BY THE MANHOLE MANUFACTURER PRIOR TO DELIVERY TO THE JOB SITE.
4. ALL STEPS WITHIN A MANHOLE SHALL BE OF THE SAME DESIGN, TYPE AND SIZE. (MIXING OF UNMATCHED STEPS WITHIN THE SAME MANHOLE IS NOT PERMITTED).
5. ALL STEPS WITHIN A MANHOLE SHALL BE ALIGNED VERTICALLY.
6. STEPS CAN BE USED FOR CAST IN PLACE REINFORCED CONCRETE JUNCTION BOXES.
7. LOOSE STEPS SHALL BE CAUSE FOR REJECTION OF THAT MANHOLE SECTION.

ISSUED:		STANDARD DETAIL		DETAIL NO.
2/93		MANHOLE STEP		WWM 216
REVISED:		TYPE I		SHEET 1 OF 1
7/02				