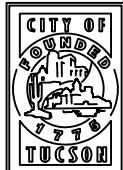



NOTES:

1. STEPS FOR BRICK MANHOLES SHALL BE OF STEEL REINFORCED POLYPROPYLENE PLASTIC, M.A. INDUSTRIES, INC., NO. PS-1B OR AN 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 SHALL BE INSTALLED IN MORTAR JOINT OF BRICK MANHOLE.
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. LOOSE STEPS SHALL BE CAUSE FOR REJECTION OF THE MANHOLE.

ISSUED:		STANDARD DETAIL		DETAIL NO.
8/92		MANHOLE STEP		WWM 218
REVISED:		TYPE 3		SHEET 1 OF 1
7/02				