



NOTES:

1. CONTRACTOR SHALL PROVIDE STEPS SPACED AT 1'-4" O.C. WHERE INLET OR MANHOLE DEPTH IS GREATER THAN 4'-0". STEPS SHALL BE M.A. INDUSTRIES, INC. MODEL PS-2-PF OR APPROVED EQUAL.
2. PRECAST CONCRETE MANHOLES SHALL CONFORM TO ASTM C478 EXCEPT AS MODIFIED BY THE SPECIFICATIONS.
3. BASES NOT BUILT MONOLITHIC WITH BOTTOM SECTION SHALL BE POURED OF CLASS I 3000 PSI CONCRETE.
4. MANHOLE MAY BE TRANSITIONED TO 4'-0" DIA., 8" ABOVE F.L. OF OUTFALL FOR 5'-0" AND 6'-0" MANHOLES.
5. THE BOTTOM SECTION OF ALL PRECAST MANHOLES NOT BUILT MONOLITHIC WITH THE BASE SHALL BE SET INTO A STEEL REINFORCED POURED CONCRETE BASE A MINIMUM OF 8". (#4 @ 6" E.W.)
6. THE COMPRESSIVE STRENGTH OF CONCRETE USED IN THE CONSTRUCTION OR PRECAST REINFORCED CONCRETE MANHOLES SHALL NOT BE LESS THAN 4000 PSI.
7. ONLY ECCENTRIC MANHOLE CONES WILL BE ALLOWED UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
- * 8. ADJUSTING RING(S) SHALL PROVIDE A MINIMUM ADJUSTMENT OF 4" AND A MAXIMUM ADJUSTMENT OF 12".

GARDNER, KANSAS PUBLIC WORKS/ ENGINEERING DIVISION	APPROVED	REVISED	STANDARD STORM SEWER PRECAST JUNCTION BOX	STANDARD DETAIL 40-5
	JRH CITY ENGINEER	_____		
	2-1-07 DATE	_____		