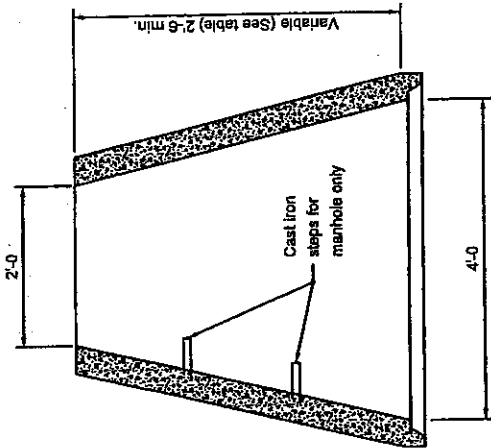


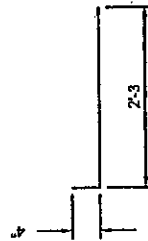
NOTES

- The concentric concrete section will not be permitted for manholes which are under the jurisdiction of the Indianapolis Sanitary District.

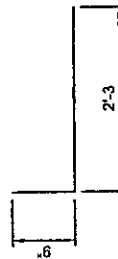


CONCENTRIC CONE

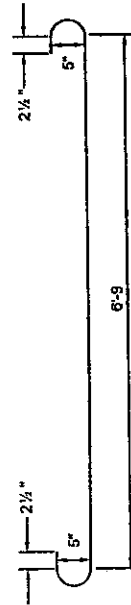
CONE HEIGHTS	
ECCENTRIC	CONCENTRIC
2'-6	2'-6
3'-0	3'-0
3'-2	3'-2
3'-6	4'-0



L BARS



H BARS



H BARS

INDIANA DEPARTMENT OF TRANSPORTATION

MANHOLE BARS AND
CONCENTRIC CONE

SEPTEMBER 2003

STANDARD DRAWING NO. E 720-MHST-08



/s/ Richard L. Voelckle
DESIGN STANDARD ENGINEER
9-02-03
DATE

/s/ Richard K. Smitzer
CHIEF HIGHWAY ENGINEER
9-02-03
DATE

DESIGN STANDARD ENGINEER