NOTES:
1. Provide a minimum drop of
   0.10' across manhole when line
   bends and/or pipe diameter
   changes.
2. Concrete shall be Class A.
3. All joints shall be made water-
   tight with neoprene gaskets or
   Ram–neck.
4. Minimum crown elevation of
   smaller diameter inlet pipe shall
   be no less than the crown
   elevation of the outlet pipe
   without approval of City Engineer.
   Maximum drop from invert of
   inlet pipe to crown of outlet
   pipe shall be 1"–0".
5. Lay pipe through manhole when
   possible.
6. Top of pipe to be removed within
   manhole. Trim to neat line and
   finish off with grout to leave a
   smooth finish.
7. Provide two joints at all entry
   points to manholes.
8. Reinforced concrete manhole
   sections shall be precast, and
   shall conform to ASTM C–478.

STANDARD
DETAIL
CITY OF BRISBANE
DEPARTMENT OF PUBLIC WORKS
DATE: 06/25/07

TYPE III MANHOLE
(PIPES LARGER THAN 48")
M-5

NOT TO SCALE