

Max. 50mm Adjustment
Concrete under Lid and Ring

150mm thick Precast
Concrete M.H. Lid to
withstand HO Loading
(610mm offset opening)

Pre-cast MH Cylinder to
conform with NZS 4058

700 x 600
Access Opening

25MPa Concrete

Surface
Reinstatement

I.C.C. Heavy Duty Cover

For new installation to
be less than 350mm

Concrete Packing round
Frame and Cover

Watertight Seal at all joints

Plastic Coated M.S. Rungs
Epoxy covered on the outside
if exposed

Benching - Crossfall - 1 in 4

Flexible Joint within
1 metre of manhole
on all pipes

Notes

1. Pipe invert through the manhole shall be constructed with similar or compatible material to the connecting pipes.
2. Concrete to conform with NZS 3104, placed and compacted to NZS 3109. No plastering allowed.
3. No concrete shall be placed against uncompacted fill.
4. Concrete packing level for
Grass - Flush the lid
Chipseal - Down 10mm
Asphalt - Down 50mm Road
Down 25mm Footpath
5. Gas tight lid or similar on
Foul Sewer manhole
6. The mass concrete base shall be 200mm outside either the pipe (OD) or MH cylinder (OD) what ever is the greatest

Benching.
Crossfall - 1 in 4

25MPa Concrete

700 x 600 Access Opening.
Reinforcing steel to be
covered with epoxy

Direction of flow

Direction of flow

Not to scale

STANDARD CONCRETE MANHOLE 60° TO 90° BEND