

## bedded 150mm min

# MANHOLE DETAIL A -

SITED IN HARD LANDSCAPED AREAS SUBJECT TO LIGHT VEHICLE LOADING



## MANHOLE DETAIL B -SITED IN SOFT LANDSCAPED AREAS



### MANHOLE DETAIL C -SITED IN HARD LANDSCAPED AREAS SUBJECT TO VEHICLE LOADING



# **PIPEWORK PASSING UNDER EXISTING** FOOTING

Access restricted to 350mm diameter or 300mm x 300mm for chambers deeper than 1.0m

225mm deep concrete plinth to support finish

Pre-formed polypropylene base unit with used inlets blanked

Formation to be compacted hardcore

unexcavated material or

Cover to frame to be bedded on Precast concrete slab or insitu

Pre-formed polypropylene chamber Mortar haunch to manhole cover and frame

675mm max. from cover level to first ladder rung

Reinforced concrete cover and reduced slab bedded with mortar, proprietary bitumen or resin mastic sealant

Galvanised mild steel step irons at 250 - 300mm through out

High strength concrete topping to be brought up to a dense smooth face neatly shaped and finished to all branch connections [20mm min. thickness]

Construction joint.

Inverts formed generally using channel pipes.

Joint to be as close as practical to face of manhole to permit satisfactory joint and subsequent movement

Step rows to be located adjacent to access opening as shown

> 300mm staggered

Pipe joint with channel to be located 100 minimum inside face of chamber

> preformed joint filler for full thickness of concrete

Bed or surround

Flexible pipe joint



10 Tender 2.pln Copyright. Wood Goldstraw Yorath LLP. Contractors are to check all dimensions on site and refer any discrepancies to the Architects immediately. Do not scale from this drawing.