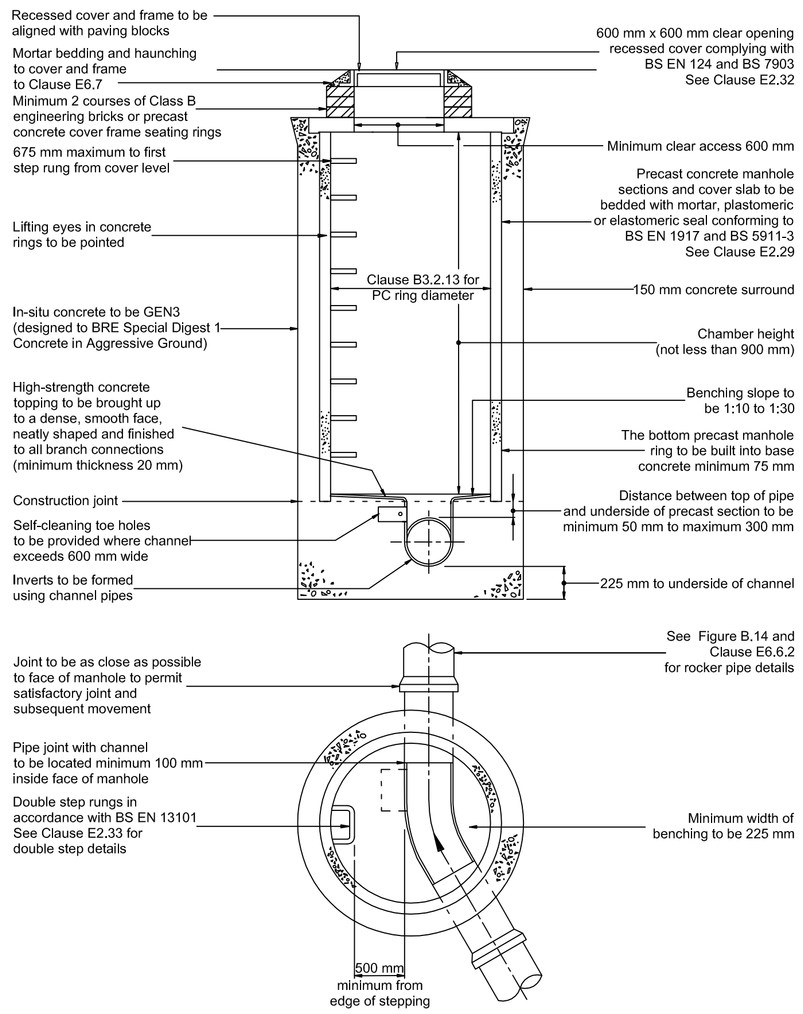
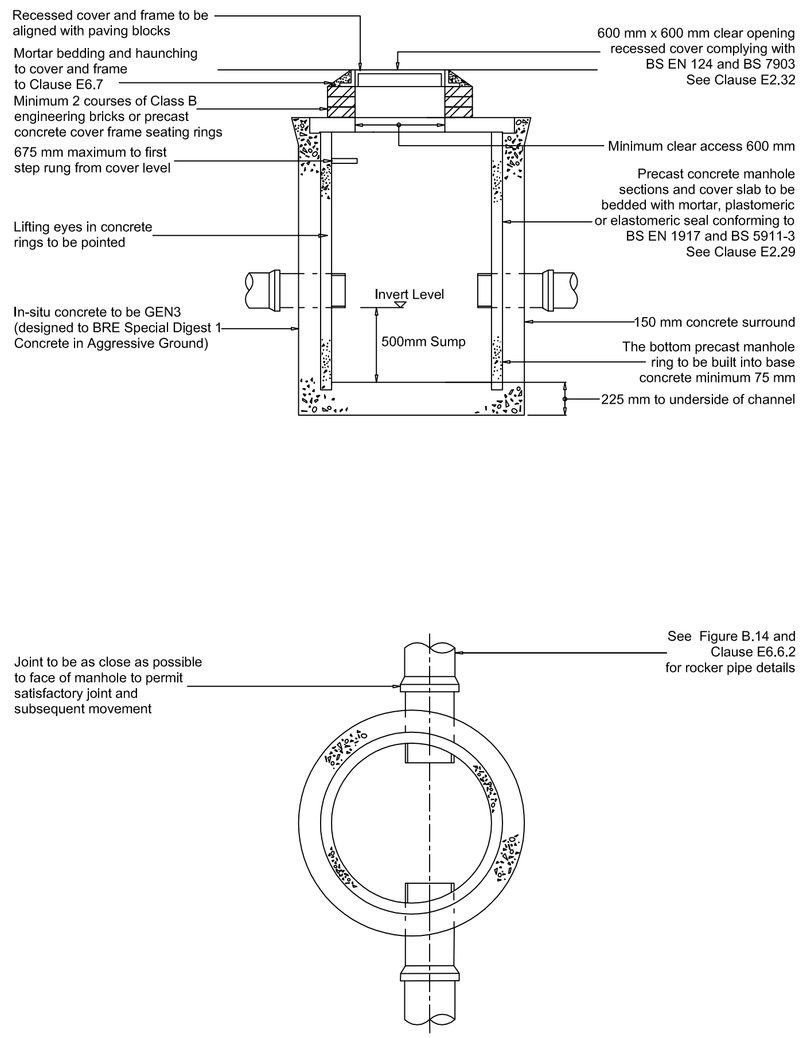
## TYPICAL MANHOLE DETAIL - TYPE 2

Maximum depth from cover level to soffit of pipe 3.0 m



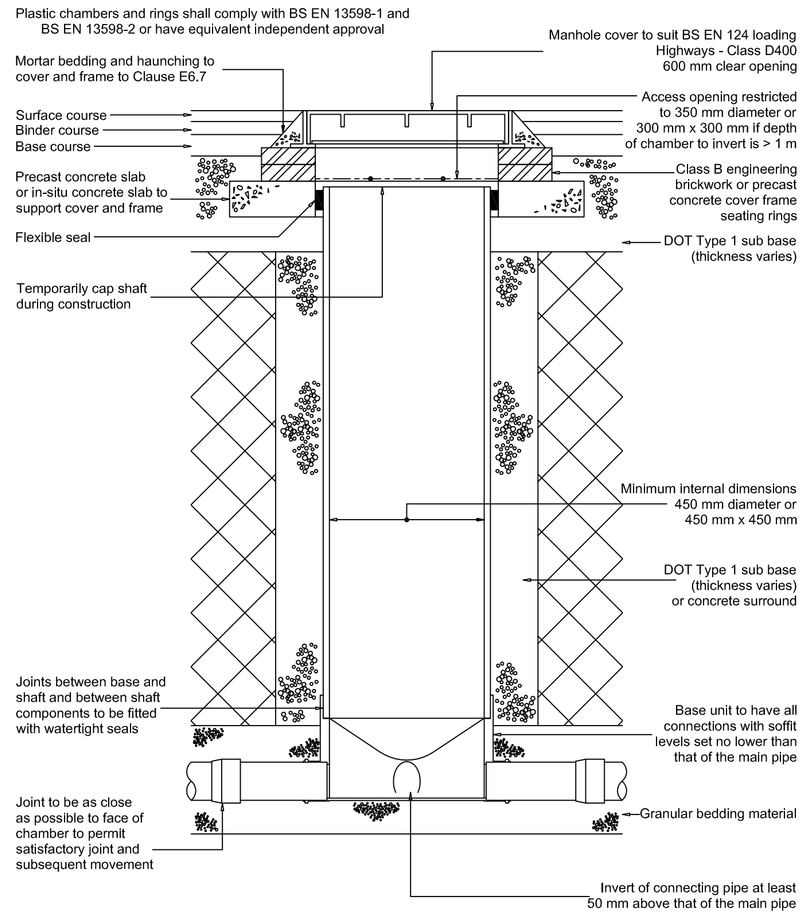

## TYPICAL CATCH-PIT DETAIL - TYPE 4

Maximum depth from cover level to soffit of pipe 3.0 m



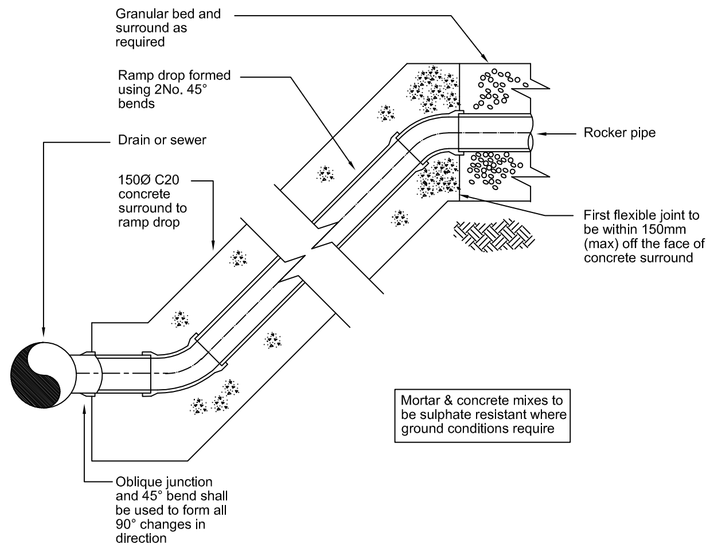

## TYPICAL INSPECTION CHAMBER DETAIL - TYPE3 (Flexible material detail)

Maximum depth from cover level to soffit of pipe
in areas subject to vehicle loading 3 m, non-entry

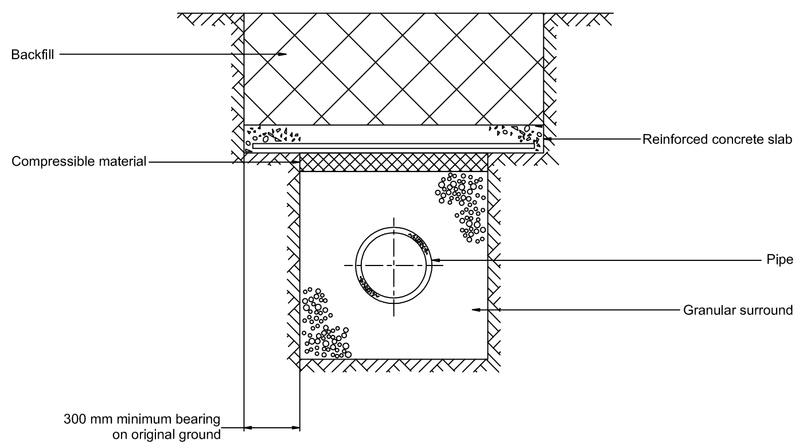



Not to scale

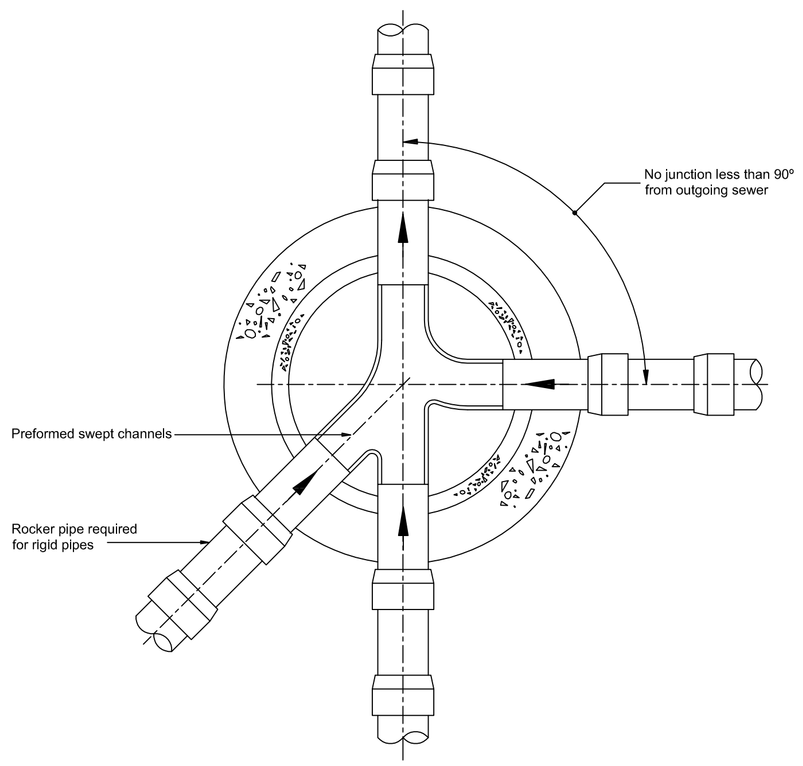
## TYPICAL "BLIND" RAMP DROP CONNECTION DETAIL




## PROTECTION OF PIPES LAID AT SHALLOW DEPTHS (< 600mm PEDESTRIAN AREAS)




## TYPICAL ARRANGEMENT OF PIPE JUNCTIONS WITHIN MANHOLES




Sectional Plan

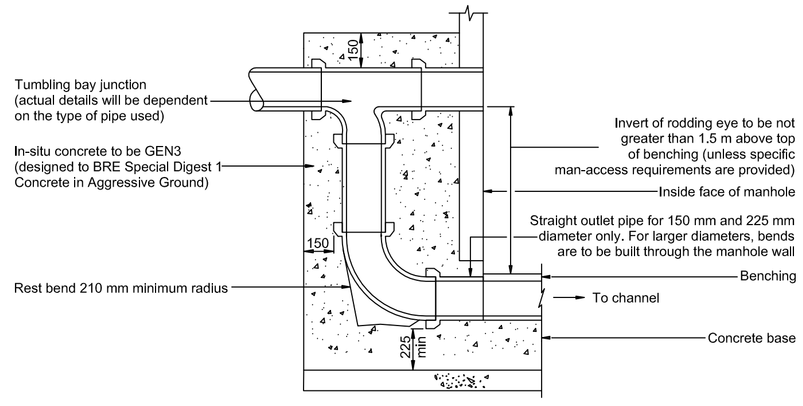
Rigid pipes built into manhole should have a flexible joint as close as feasible to the external face of the structure and the length of the next rocker pipe should be as shown.

| Nominal diameter (mm) | Maximum effective length (m) |
|---|---|
| 150 - 600 | 0.6 |
| 601 - 750 | 1.00 |
| over 750 | 1.25 |

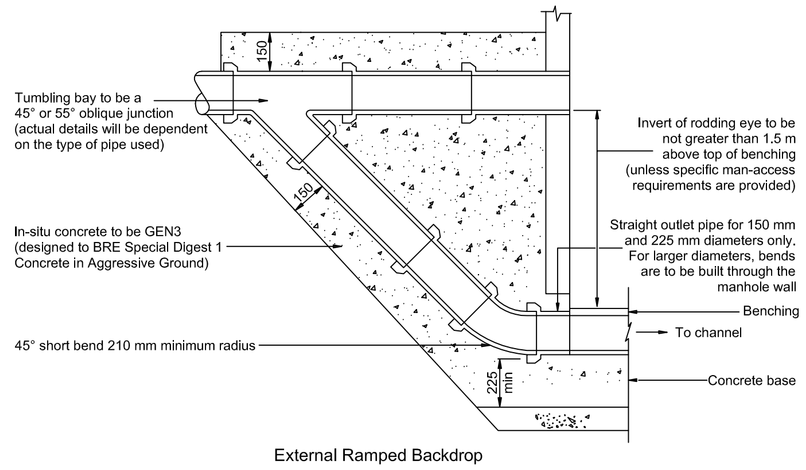
All pipes entering the bottom of the manhole to have soffits level.

## TYPICAL VERTICAL AND RAMPED BACKDROP DETAIL

Note: Steeper gradients are preferred to the use of backdrops.
Type of backdrop to be used to be agreed with Undertaker.




External Vertical Backdrop




External Ramped Backdrop

| Issue | Date | By | Chkd | Appd |
|---|---|---|---|---|
| C1 | 28/04/15 | AR | AR | AR |

Issued for BC approval and then Construction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Client
Squash Nutrition

Job Title
Toxteth Food Central

Drawing Title
Below Ground Drainage
Standard Details - Sheet 1 of 2

Scale at A1
NTS

Drawing Status
For Construction

| Job No | Drawing No | Issue |
|---|---|---|
| 0195 | D-D-003 | C1 |