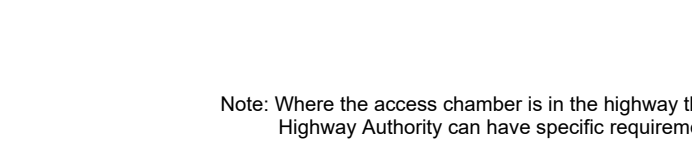
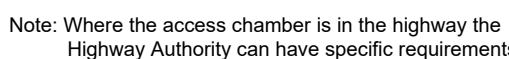


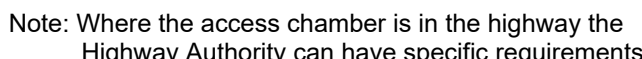
14. All manholes to have a clear opening size of 675 x 675mm (minimum).



Not to scale

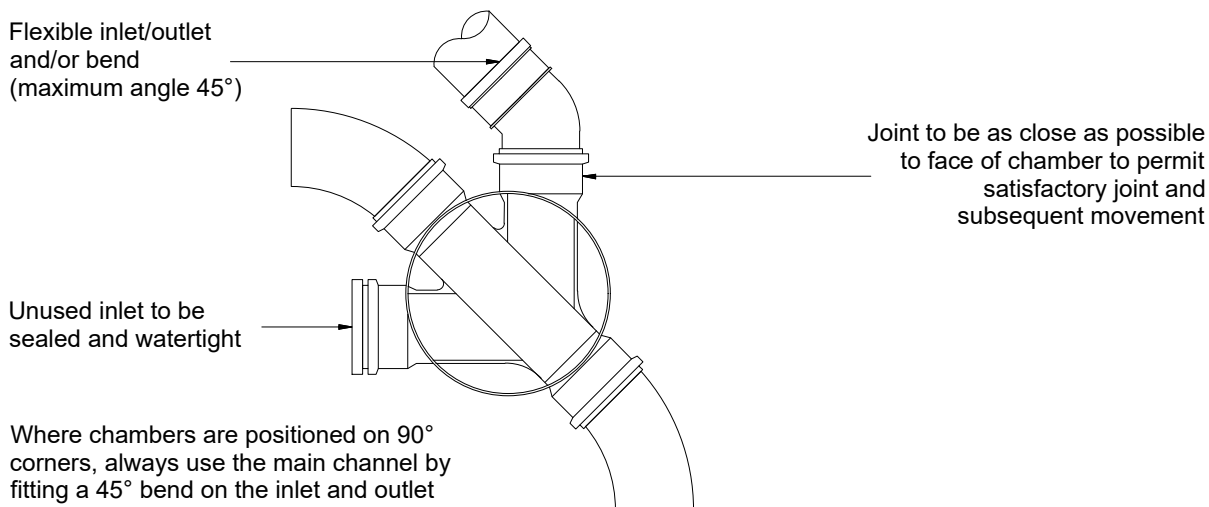


Not to scale



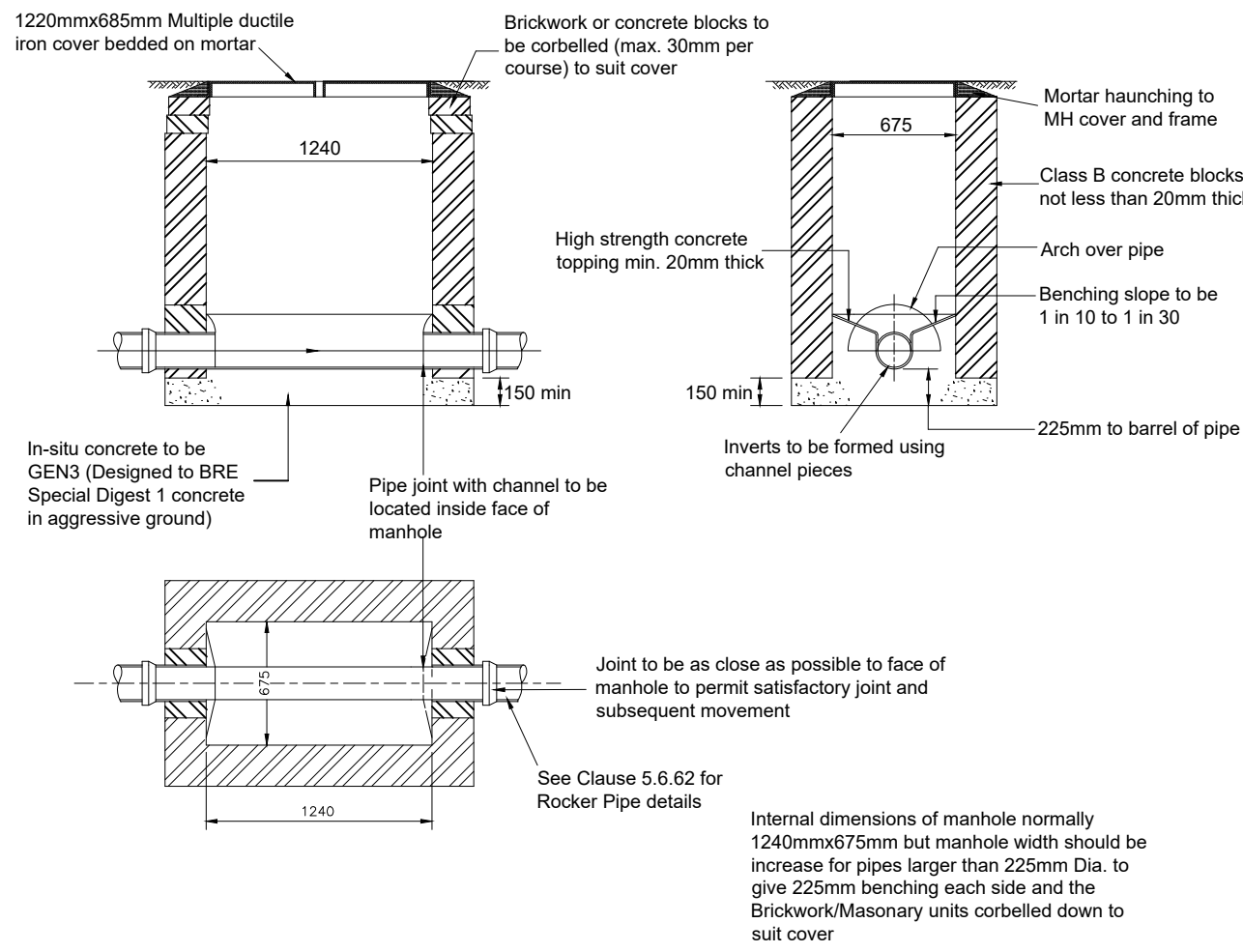
Not to scale

Granular bedding material →

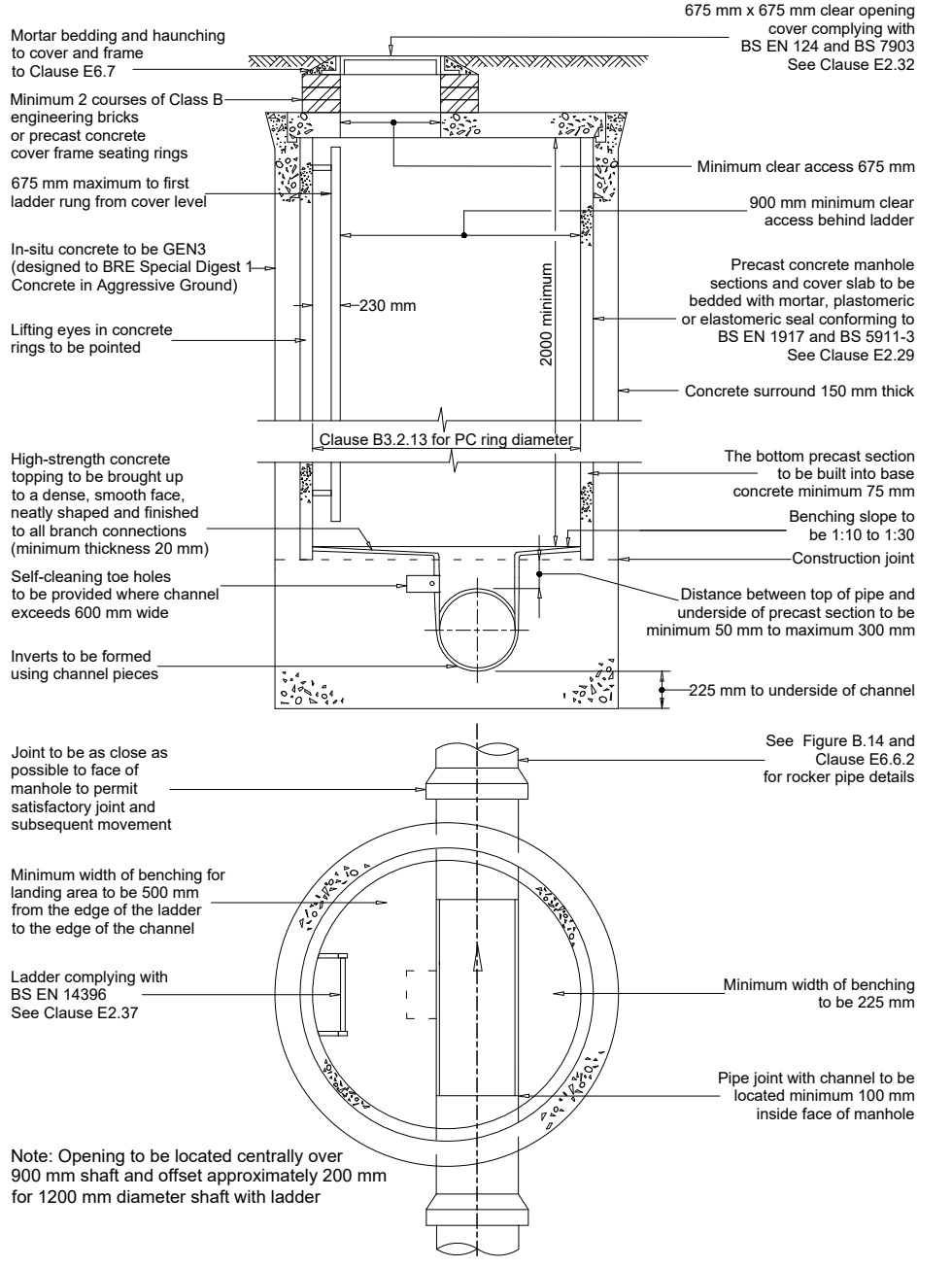


Joint to be as close as possible
to face of chamber to permit
satisfactory joint and
subsequent movement

depth from cover level to soffit of pipe 1.0m to 1.5m

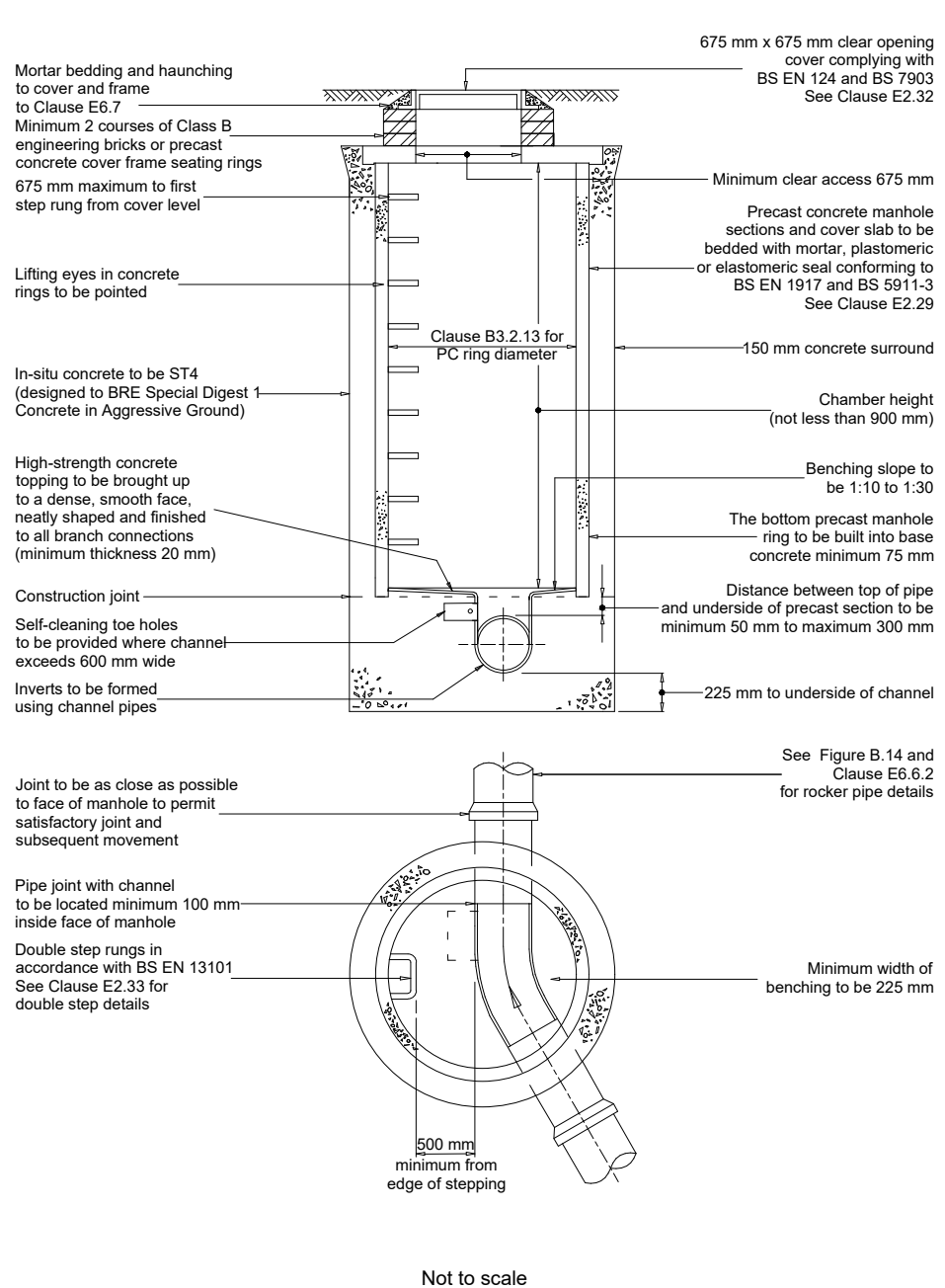


TYPICAL MANHOLE DETAIL - TYPE 1B
Depth from cover level to soffit of pipe 3 m to 6 m



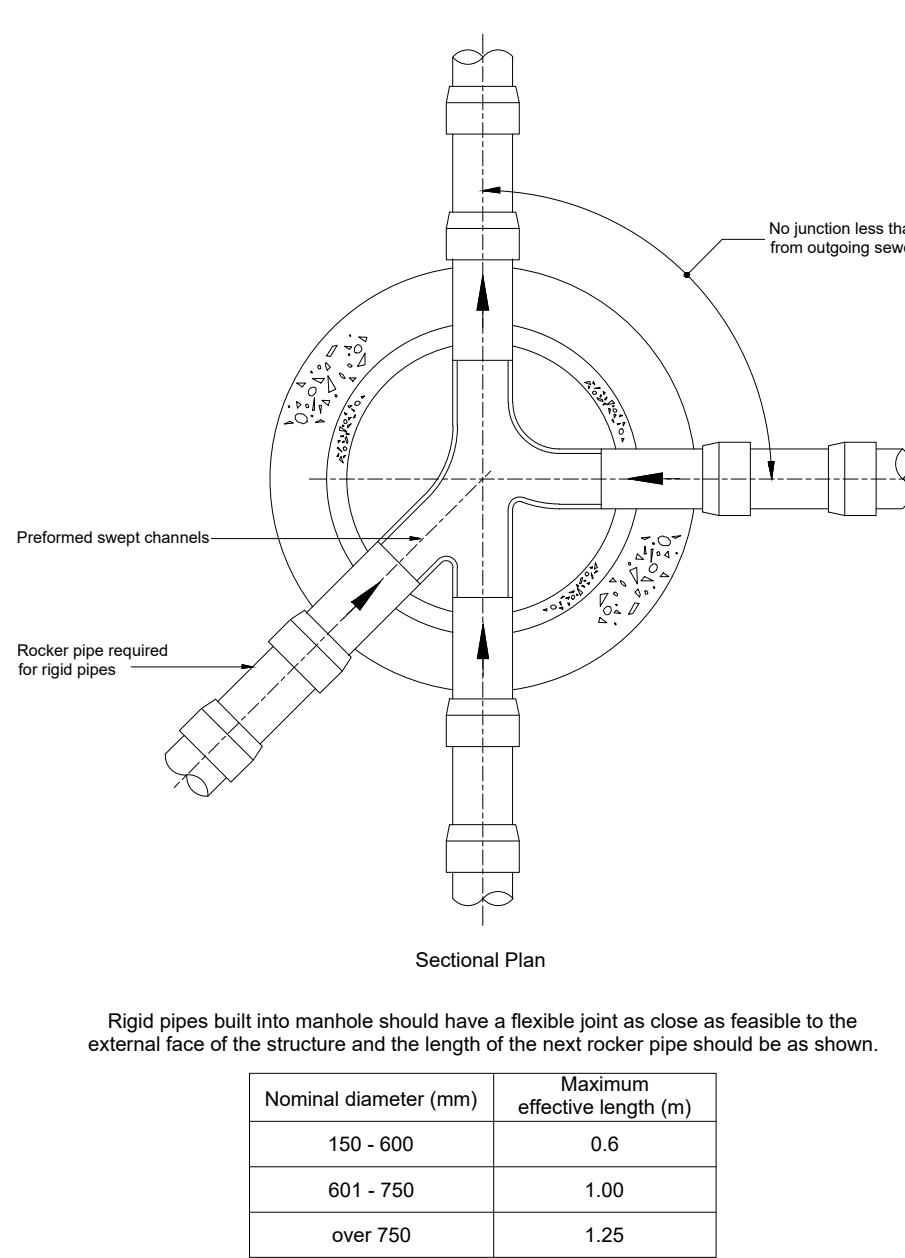
Note: Opening to be located centrally over 900 mm shaft and offset approximately 200 mm for 1200 mm diameter shaft with ladder

TYPICAL MANHOLE DETAIL - TYPE 2
Maximum depth from cover level to soffit of pipe 3.0 m



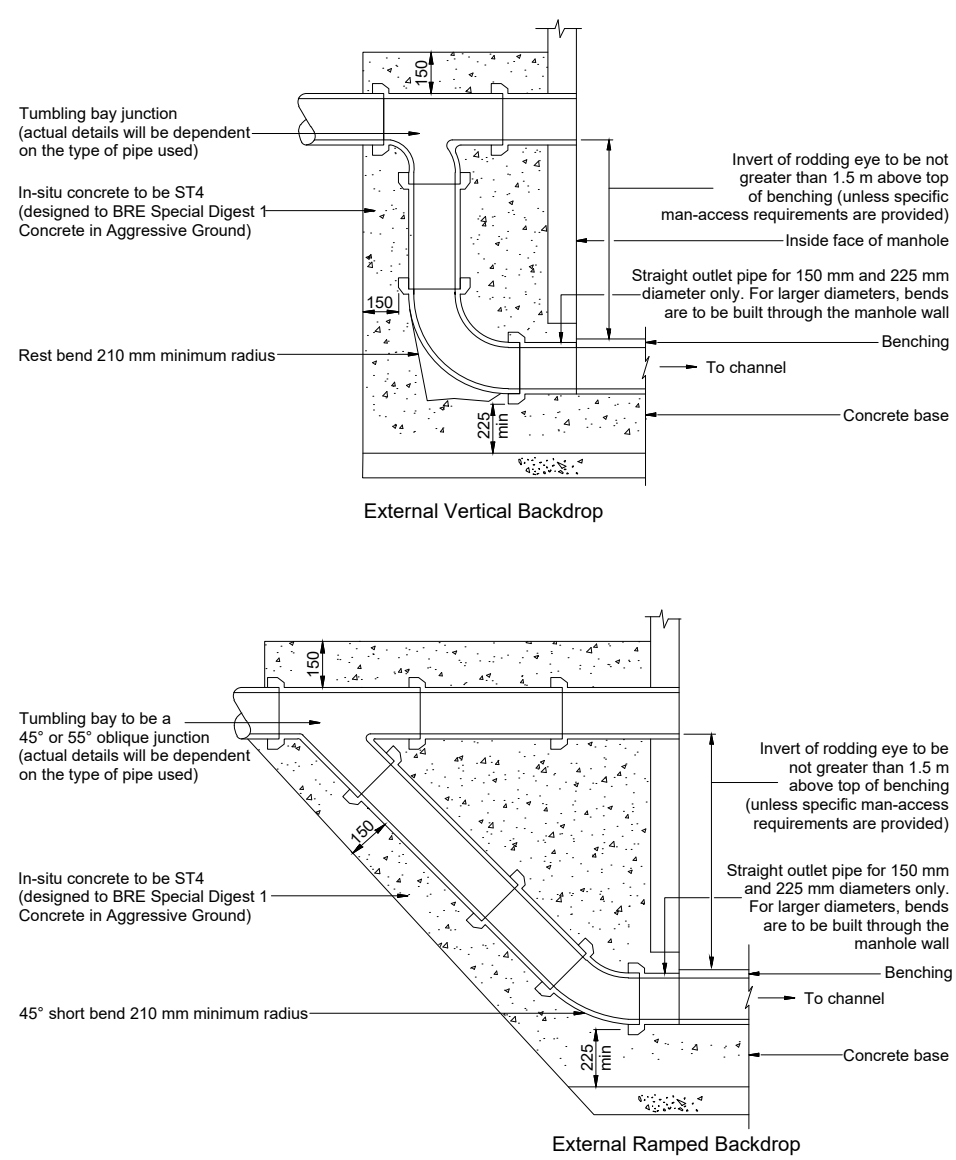
Not to scale

FIGURE B.14
TYPICAL ARRANGEMENT OF PIPE JUNCTIONS WITHIN MANHOLES



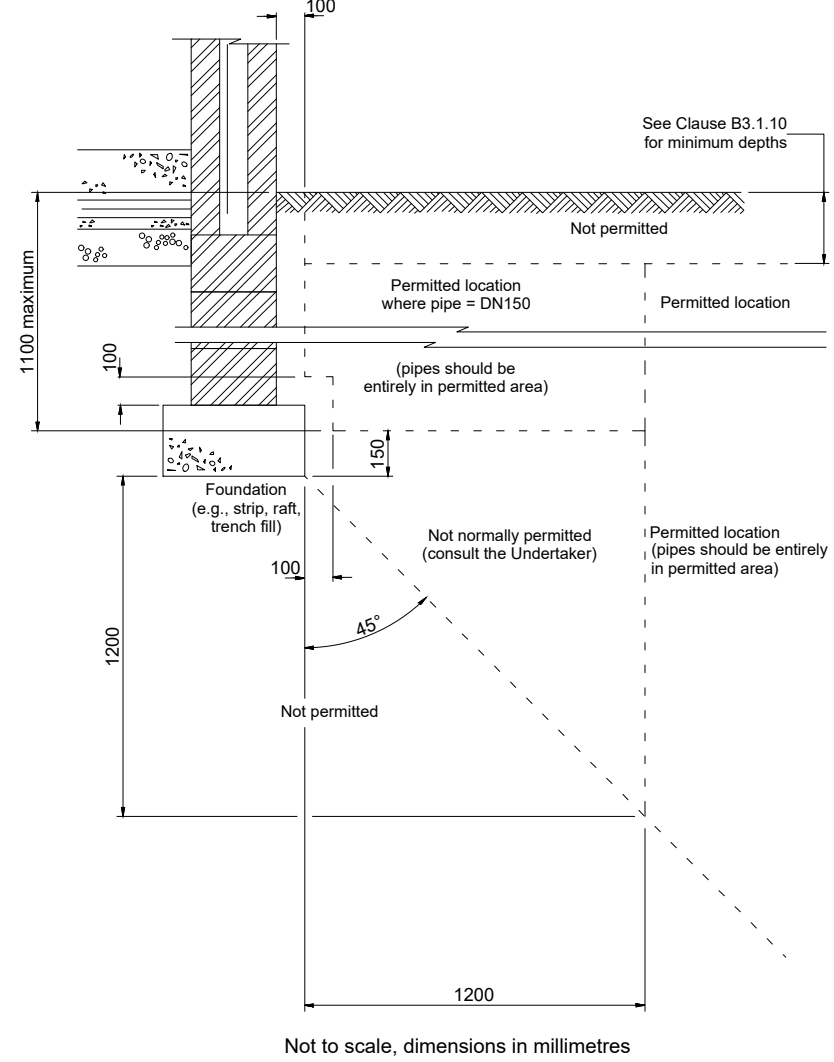
All pipes entering the bottom of the manhole to have soffits level

FIGURE B.15
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.



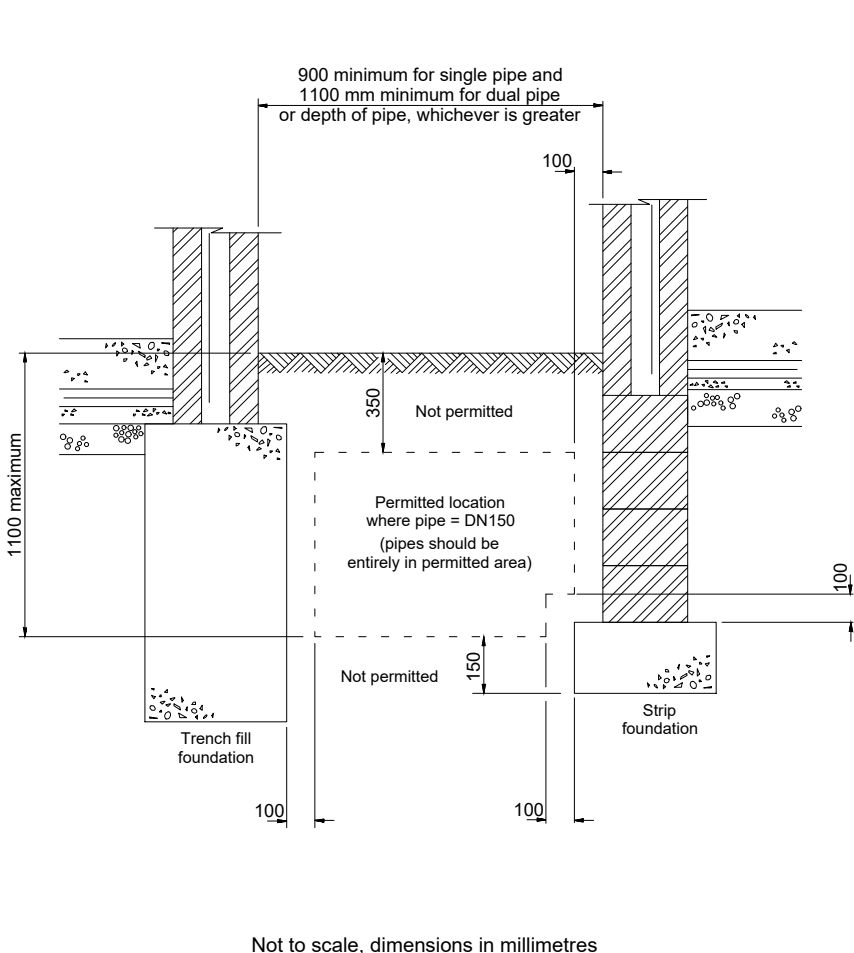
Not to scale, dimensions in millimetres

FIGURE B.1
PERMITTED LOCATION OF SEWERS AND
LATERAL DRAINS IN PROXIMITY TO BUILDINGS

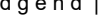


Not to scale, dimensions in millimetres

FIGURE B.2
ADDITIONAL DETAIL - PERMITTED LOCATION OF SEWERS
AND LATERAL DRAINS BETWEEN BUILDINGS
(where Figure B.1 is not applicable only)



Not to scale, dimensions in millimetres


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