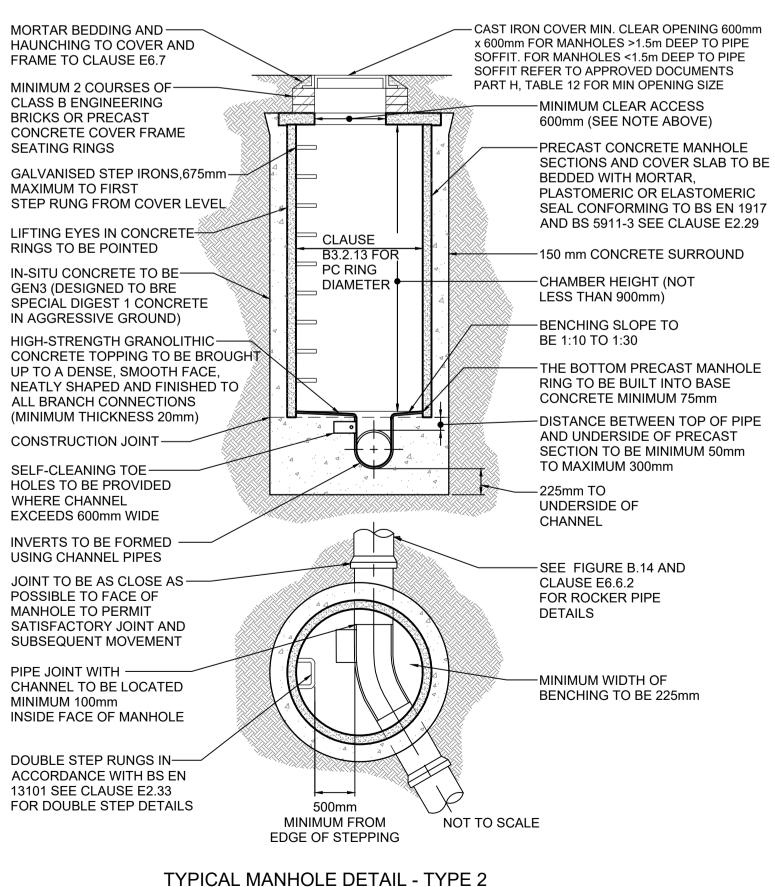


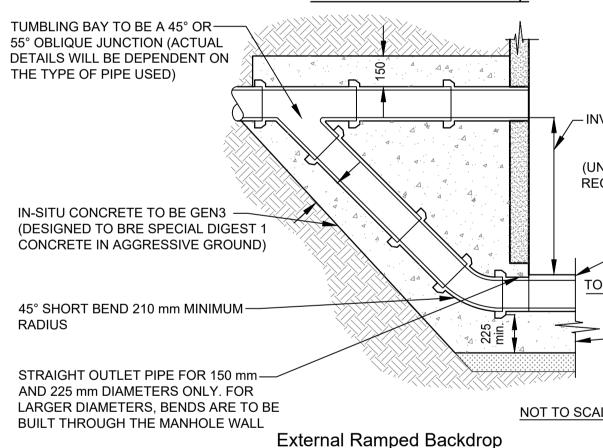
TYPICAL CATCHPIT DETAIL (SCALE 1:25)



Maximum depth from cover level to soffit of pipe 3.0 m

TUMBLING BAY JUNCTION -(ACTUAL DETAILS WILL BE DEPENDENT ON THE TYPE OF PIPE USED) INVERT OF RODDING EYE TO BE NOT GREATER THAN 1.5 m ABOVE TOP OF BENCHING (UNLESS INSIDE FACE OF MANHOLE -SPECIFIC MAN-ACCESS REQUIREMENTS ARE PROVIDED) IN-SITU CONCRETE TO BE GEN3 -(DESIGNED TO BRE SPECIAL DIGEST 1 CONCRETE IN AGGRESSIVE GROUND) -BENCHING TO CHANNEL REST BEND 210 mm MINIMUM RADIUS-STRAIGHT OUTLET PIPE FOR 150 mm --CONCRETE BASE 225 AND 225 mm DIAMETER ONLY. FOR Min LARGER DIAMETERS, BENDS ARE TO BE BUILT THROUGH THE MANHOLE WALL

External Vertical Backdrop



TYPICAL VERTICAL AND RAMPED BACKDROP DETAIL NOTE: STEEPER GRADIENTS ARE PREFERRED TO THE USE OF BACKDROPS. NOT TO SCALE

## NOTES

- 1. THIS DRAWING IS TO BE READ WITH ALL RELEVANT KENNEDY REDFORD DRAWINGS.
- 2. PROPOSED PIPEWORK WITH LESS THAN THE FOLLOWING DEPTHS TO SOFFIT REQUIRES A CONCRETE SURROUND: - 1.2m IN ROADS
- 0.6m UNDER FOOTPATHS AND UNDER BUILDINGS.
- 3. MANHOLE COVERS AND FRAMES SHALL BE TO BS EN 124 AND SHALL BE KITEMARKED. COVERS AND FRAMES SHALL BE HEAVY DUTY E600 IN THE YARD AREA, HEAVY DUTY D400 IN THE CAR PARK AREA AND MEDIUM DUTY B125 IN FOOTWAYS AND SOFT LANDSCAPING.
- 4. COVER LEVELS ARE TO BE ADJUSTED LOCALLY TO SUIT FINISHED GROUND LEVELS.
- 5. MANHOLE COVERS AND FRAMES SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN124, HAVE MINIMUM 600 X 600 CLEAR OPENINGS WITH 150 DEEP FRAMES UNLESS OTHERWISE SPECIFIED.

– INVERT OF RODDING EYE TO BE NOT GREATER THAN 1.5 m ABOVE TOP OF BENCHING (UNLESS SPECIFIC MAN-ACCESS REQUIREMENTS ARE PROVIDED)

-BENCHING

TO CHANNEL

-CONCRETE BASE

NOT TO SCALE, DIMENSIONS IN MILLIMETERS

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