

CLEAR OPENING	
Chamber Depth <900mm	600mm x 1200mm
Chamber Depth >900mm	600mm x 600mm

TABLE 3.

DIAMETER OF LARGEST PIPE	INTERNAL DIA. OF CATCHPIT
<375mm	1200mm
375 - 700mm	1500mm
750 - 900mm	1800mm
>900mm	PIPE DIAMETER + 900mm

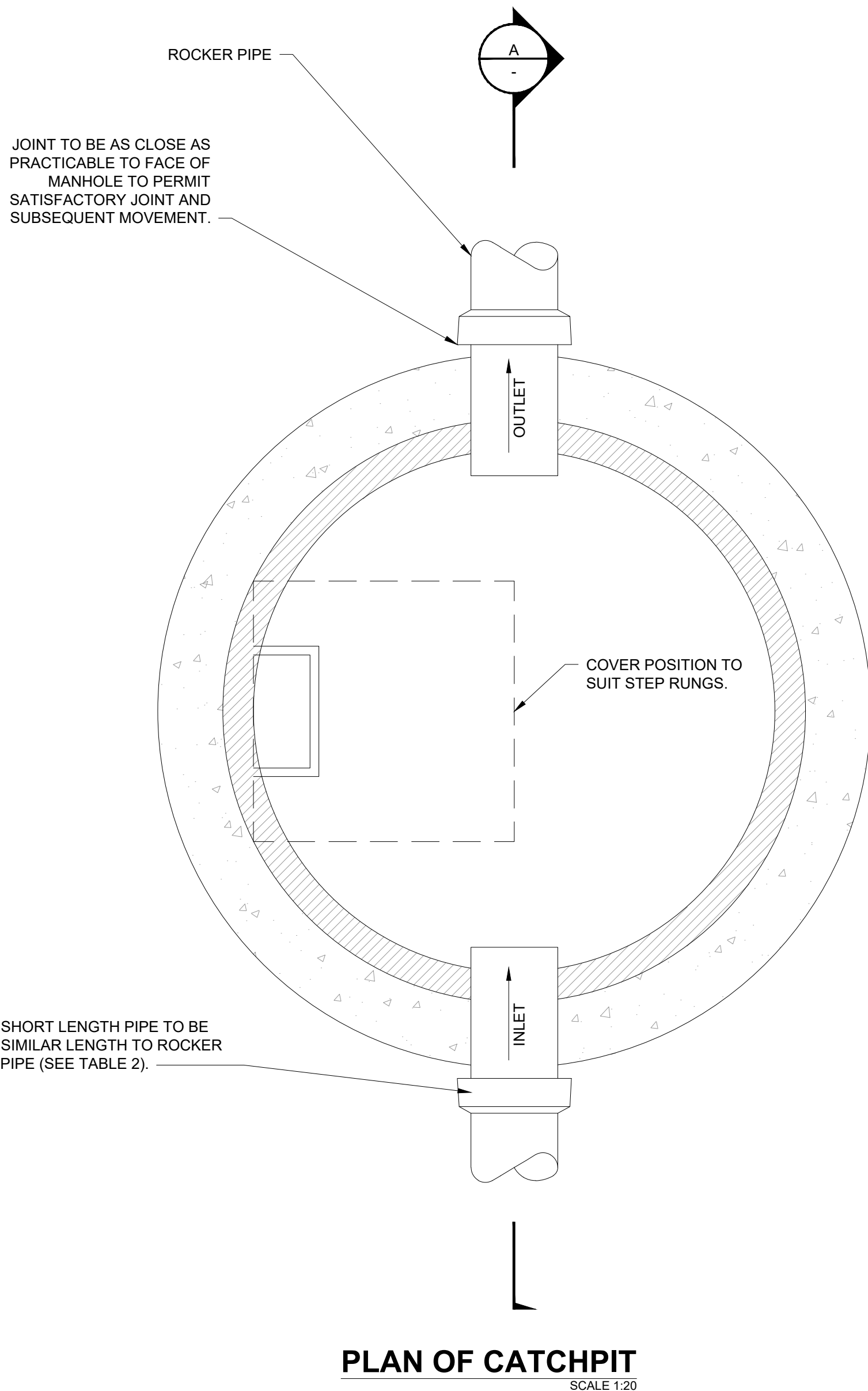
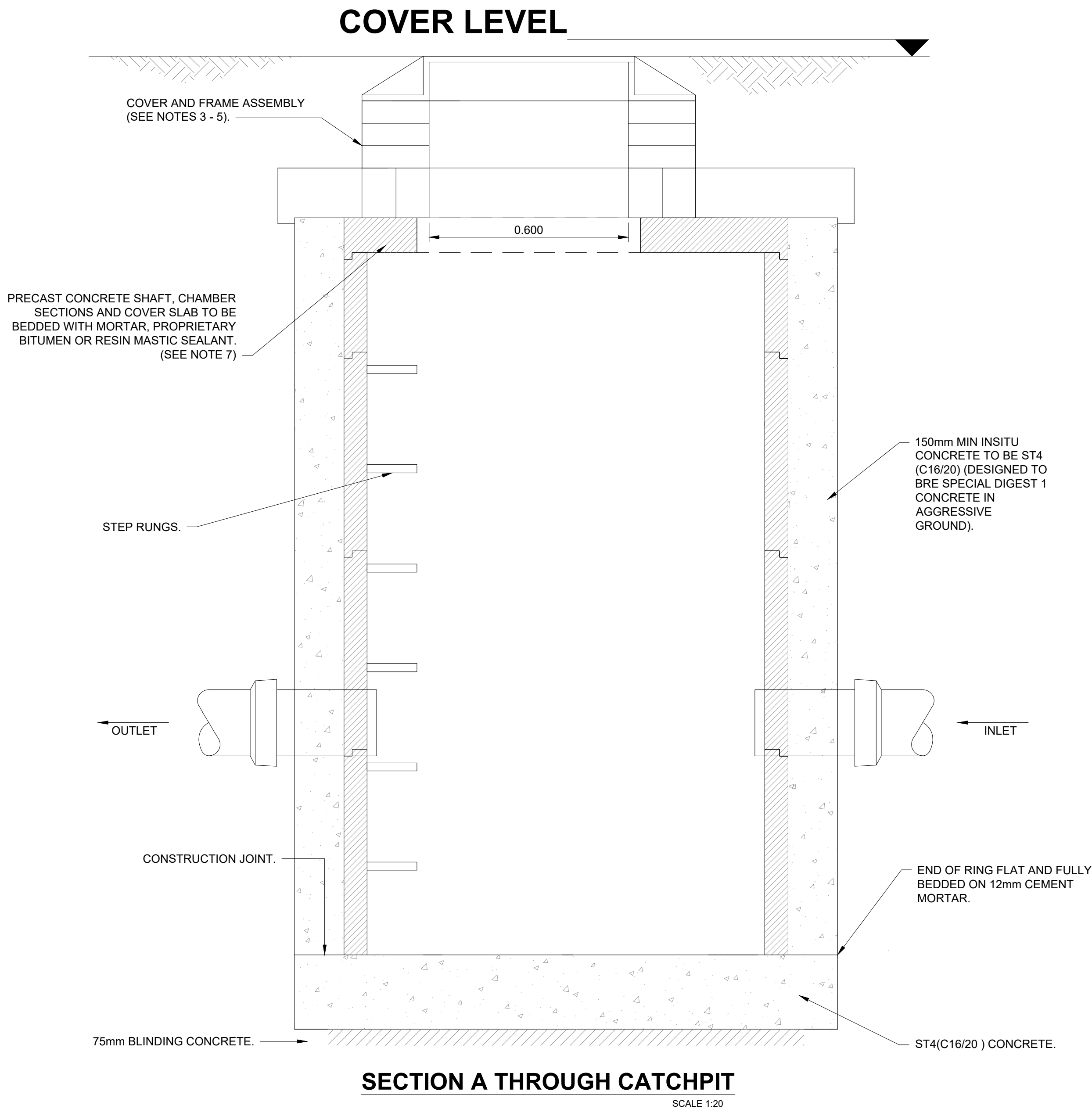
TABLE 1.

NOMINAL DIAMETER	ROCKER PIPE LENGTH
150 - 600mm	0.6m
>600 - 750mm	1.0m
>750mm	1.25m

TABLE 2.

NOTE: OPENING TO BE OFFSET FROM CENTER BY APPROXIMATELY 200mm FOR 1200mm DIAMETER SHAFT WITH RUNGS/LADDER.

MINIMUM DEPTH FROM COVER LEVEL TO BASE OF CATCHPIT 1.3M.
MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3.0M.



NOTES CONTINUED

- Frames shall be bedded on a gauged class 1 (3:1) sand/cement mortar to cl.2402 of SHW mortar designation (i), and between 2 and 4 courses of engineering brickwork class 'B' to BS EN 771-1:2011.
- Rungs for catchpits and other chambers shall be Type D Class 1, complying with the requirements of BS EN 13101: 2002.
- Precast concrete catchpit pattern step irons at 300mm centres vertically and staggered 300mm horizontally between centres.
- On catchpit less than 1.5mØ reducing slab not to be used and PCC rings to continue up to cover slab.
- Pre-cast concrete products shall comply with the relevant provisions of BS 5911: Part 2, 200 & 230.
- The number of incoming branches and invert levels may vary.
- Cover and frame may be installed as a 'gully top' where appropriate.

PROJECT

Brookleigh -
Northern Arc avenue
Central Section

CLIENT

Homes England

CONSULTANT

AECOM
Aldgate Tower
2 Leman Street
London, E1 8FA
United Kingdom

T +44 (0)2076 452000
www.aecom.com

NOTES

- Do not scale from the drawing.
- All levels shown are in metres Above Ordnance Datum (AOD) unless stated otherwise.
- Cover grade shall be minimum D400 unless otherwise agreed with the highway inspector. 600mm x 600mm clear opening (refer to table 3).
- Manhole catchpit and frames shall comply with the relevant provisions of BS EN 124, BS 7903 and highway agency guidance document HA 104/02. They shall be of a non-rocking design which does not rely on the use of cushion inserts. All manhole covers shall be the non-ventilating type and shall have closed keyways. All covers formed of double triangular units shall be loosely bolted together.

SUITABILITY

S3 SUITABILITY

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STANDARD DETAILS
CATCHPIT DETAIL
SHEET 2 OF 9

SHEET NUMBER

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