

**PRECAST CATCHPIT DETAIL**  
**MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 1.5m TO 3.0m**  
 Scale NTS

**NOTES:**

- Do not scale from this drawing.
- Cover grade shall be minimum D400 unless otherwise agreed with the Highway Inspector. 675mm clear opening.
- Manhole cover stainless steel and frames shall comply with the relevant provisions of BS EN 124, BS 7903. Manhole covers 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.
- 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.
- Steps for manholes and other chambers shall be Type D Class 1, complying with the requirements of BS EN 13101:2002.
- Precast concrete manhole pattern step irons at 300mm centres vertically and staggered 300mm horizontally between centres.
- On manholes less than 1.5mØ reducing slab not to be used and PC rings to continue up to cover slab.
- Pre-cast concrete products shall comply with the relevant provisions of BS 5911: Part2, 200 & 230.
- The number of incoming branches and invert levels may vary.
- Cover and frame may be installed as a 'gully top' where appropriate.

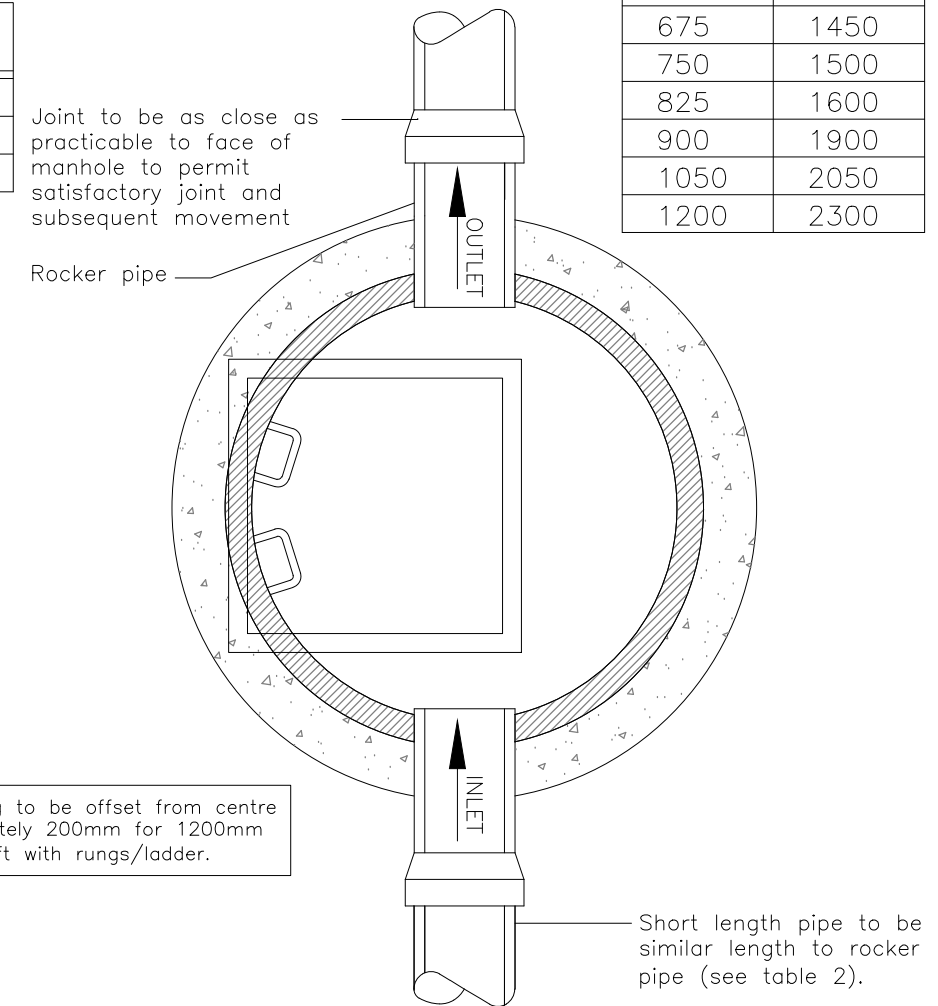
**TABLE 1**

DIAMETER OF LARGEST PIPE	INTERNAL DIA. OF MANHOLE
<375mm	1050mm
375-700mm	1500mm
750-900mm	1800mm


**TABLE 2**

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

PIPE DIA	TRENCH WIDTH T <sub>w</sub>
150	600
225	700
300	750
375	1050
450	1150
525	1200
600	1350
675	1450
750	1500
825	1600
900	1900
1050	2050
1200	2300



**PLAN**

Revision	Description	Date	Checked
<b>Status</b>			
<b>TENDER ISSUE</b>			
Drawing Title <b>Catchpit detail</b>			
Architect <b>SIGNUM SPACE</b>		Scale <b>1:20</b>	
Job <b>STAPLEFORD COTTAGE WOKING GU22 7HQ</b>		Drawn AM 13.03.24	Checked TB
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