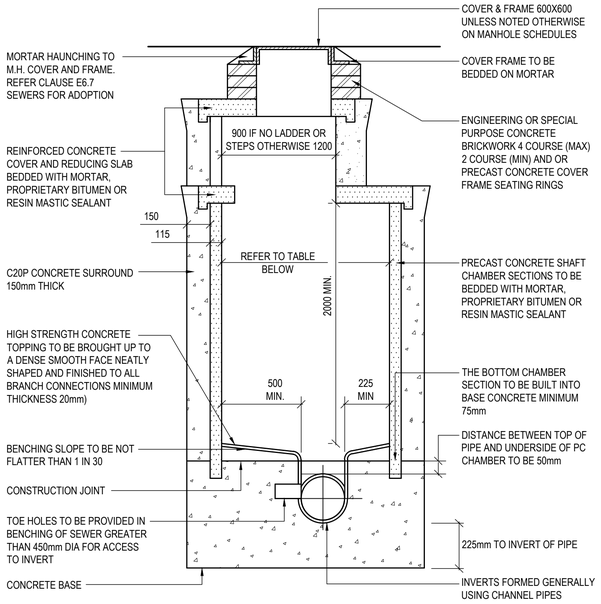
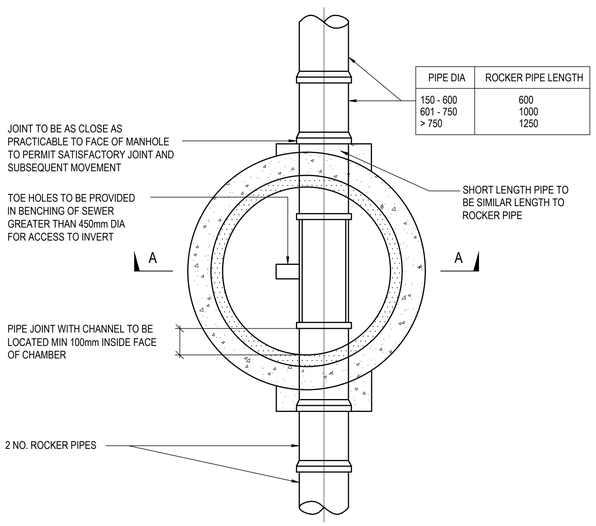


SECTION 'A-A'

Ø OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)
LESS THAN 375	1200
375-700	1500
750-900	1800
>900	LIAISE WITH WATER AUTHORITY

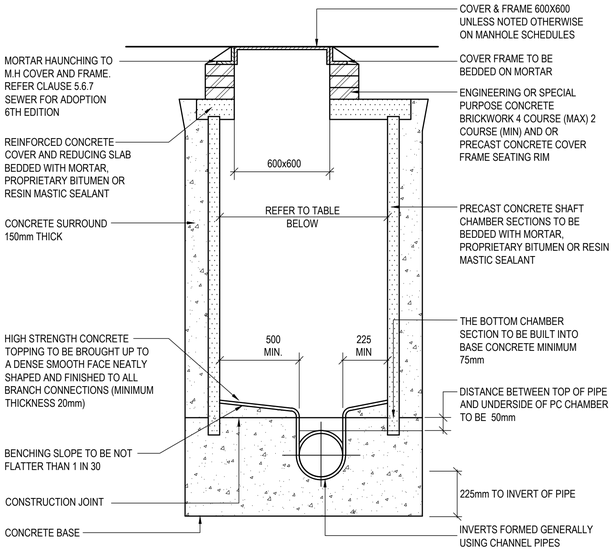
NOTE: ON MANHOLES LESS THAN 1.5M DIAMETER REDUCING SLAB IS NOT TO BE USED AND PRECAST RINGS TO CONTINUE UP TO WATER SLABS.



MANHOLE DETAIL TYPE A

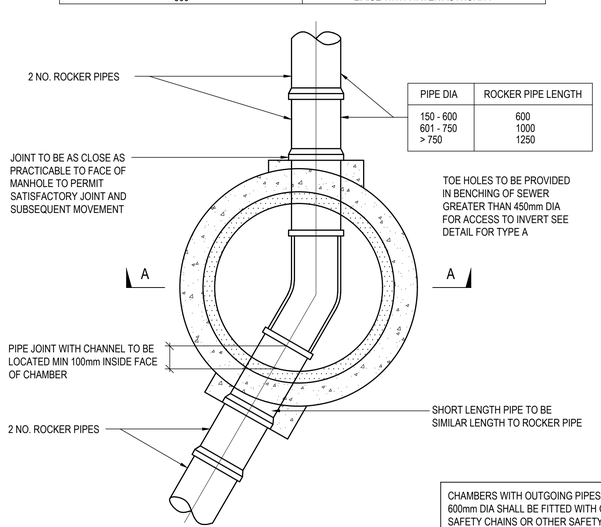
DEPTH TO SOFFIT 3 TO 6m

SCALE 1:20



SECTION 'A-A'

Ø OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)
LESS THAN 375	1200
375-700	1500
750-900	1800
>900	LIAISE WITH WATER AUTHORITY

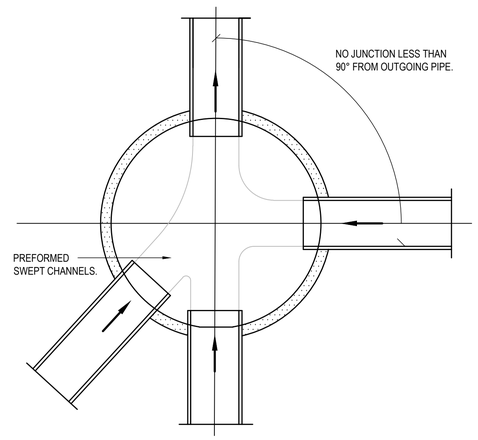


MANHOLE DETAIL TYPE B

DEPTH TO SOFFIT 1.35 TO 3m

SCALE 1:20

CHAMBERS WITH OUTGOING PIPES GREATER THAN 600mm DIA SHALL BE FITTED WITH GUARD BARS, SAFETY CHAINS OR OTHER SAFETY DEVICES SUBJECT TO THE SPECIFIC REQUIREMENTS OF THE WATER AUTHORITY / BUILDING CONTROL.



TYPICAL ARRANGEMENT OF PIPE JUNCTIONS WITHIN MANHOLES

NOT TO SCALE

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HEALTH AND SAFETY INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING

CONSTRUCTION.

- WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
- WORKS IN PROXIMITY TO EXISTING / LIVE SERVICES
- WORKS WITHIN GRADE II LISTED BUILDING

MAINTENANCE/CLEANING/OPERATION.

- WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
- WORKS IN PROXIMITY TO EXISTING / LIVE SERVICES

DECOMMISSIONING/DEMOLITION.

- WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
- WORKS IN PROXIMITY TO EXISTING / LIVE SERVICES
- WORKS WITHIN GRADE II LISTED BUILDING

Notes

STANDARD DETAILS NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL DRAINAGE LAYOUTS, SCHEDULES AND DETAILS.
2. THE DEVELOPER SHALL REVIEW THE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATION FOR THE PROPOSED ADOPTABLE SEWERS IN ACCORDANCE WITH SEWERS FOR ADOPTION AND THE REQUIREMENTS OF THE STATUTORY UNDERTAKER / BUILDING CONTROL AND THE SPECIFIC REQUIREMENTS OF THE CLIENT.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS STATED OTHERWISE.
4. ALL DRAINAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH BS EN 752 DRAINS AND SEWERS OUTSIDE BUILDINGS, THE CURRENT LOCAL BUILDING REGULATIONS AND TO THE SATISFACTION OF THE WATER AUTHORITY / BUILDING CONTROL OR SPECIFIC REQUIREMENTS OF THE CLIENT IF APPLICABLE.
5. BURIED CONCRETE, INCLUDING PRECAST CONCRETE TO BE DESIGNED TO BRE DIGEST 1, CONCRETE IN AGGRESSIVE GROUND. SULPHATE RESISTING CEMENT SHALL BE USED UNLESS AN ALTERNATIVE IS AGREED WITH THE SUPERVISING OFFICER/ENGINEER.
6. FOR DESIGNED, DESIGNATED OR STANDARDISED PRESCRIBED CONCRETE REFER TO BS EN 206-1 AND BS 8500. THEY SHALL HAVE A 20mm NOMINAL MAXIMUM SIZE OF AGGREGATE, AND A SLUMP CLASS S2 FOR TARGET 70mm AND NO ADMIXTURES.
7. ALL PIPES SHALL BE LAID SOFFIT TO SOFFIT UNLESS STATED OTHERWISE ON THE MANHOLE SCHEDULE.
8. MANHOLES & COVER SLABS TO BS EN 1917 AND BS 5911-3. PREFORMED SWEPT CHANNELS SHALL BE USED AT JUNCTIONS AND NO BRANCH SHALL ENTER AT LESS THAN 90 DEGREES FROM THE OUTGOING SEWER.
9. MANHOLE COVERS TO BE TO BS EN 124.
10. ALL PROPRIETARY PRODUCTS ARE TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS AND SPECIFICATION.

SUBJECT TO DETAILED DESIGN AND APPROVAL BY BUILDING CONTROL, THE WATER AUTHORITY AND THE ENVIRONMENT AGENCY

Rev	Description	Date	Drn	Ch'd
00	STAGE 4 ISSUE	12.01.17	VW	PJL

STAGE 4

Status of drawing

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Architect: *ARCHER HUMPHRYES ARCHITECTS*

Project: The Place

Drg Title: Civil Infrastructure
Drainage Details
Sheet 1

Job No.: 035230

Scales@A1: As shown

Drawing No.: C371

Revision: 00

Volume Wide Data Area\035230\Project Data\035230 The Place\PDS Cells - Infrastructure\Sheets\035230_C371 to C373 Drainage Construction Details.dwg