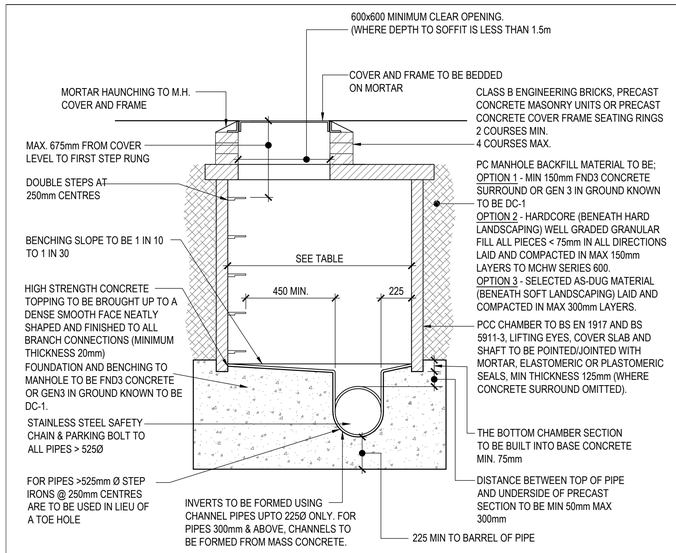
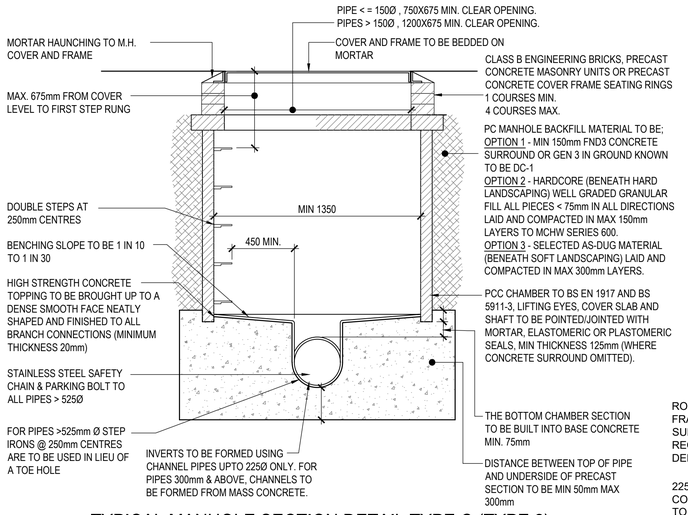


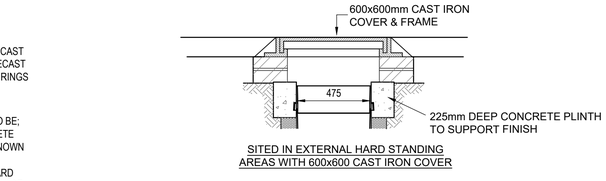
TYPICAL MANHOLE SECTION DETAIL TYPE B (TYPE 3) DEPTH TO SOFFIT OF PIPE 1.5-3m

[SCALE 1:20]



TYPICAL MANHOLE SECTION DETAIL TYPE C (TYPE 2) DEPTH TO SOFFIT OF PIPE LESS THAN 1.5m, MAX PIPE DIA 450mm

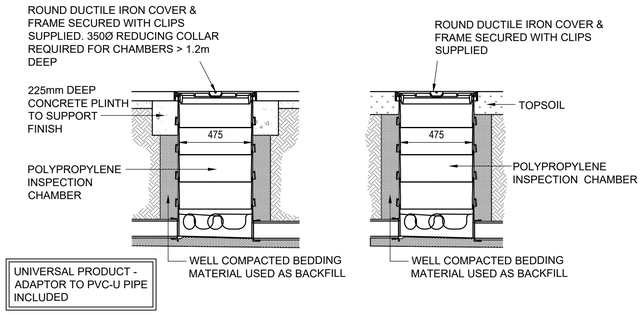
[SCALE 1:20]



SITED IN EXTERNAL HARD STANDING AREAS WITH 600x600 CAST IRON COVER

SITED IN DRIVEWAYS / HARD LANDSCAPED AREAS WITH RECESSED COVER

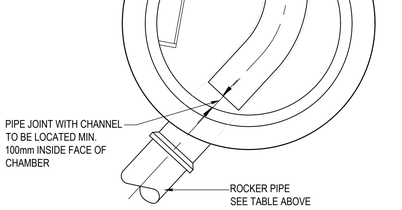
SITED IN CONCRETE FLOOR SLAB



SITED IN DRIVEWAYS / HARD LANDSCAPED AREAS WITH STANDARD ROUND COVER

SITED IN SOFT LANDSCAPED AREAS WITH STANDARD ROUND COVER

POLYPROPYLENE INSPECTION CHAMBER INSTALLATION DETAIL

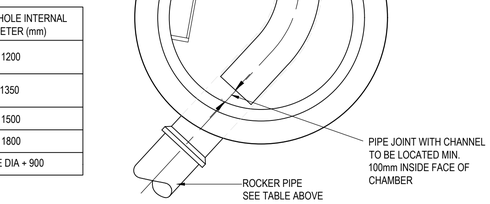


NOMINAL DIA. (mm)	EFFECTIVE LENGTH (m)
150 TO 600	0.6
675 TO 750	1.0
825 & OVER	1.25

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	MIN. MANHOLE INTERNAL DIAMETER (mm)
< 375mm (WHERE > 1.5m DEEP TO SOFFIT)	1200
375mm - 450mm (OR WHERE < 1.5m DEEP TO SOFFIT)	1350
500mm - 700mm	1500
750mm - 900mm	1800
> 900mm	PIPE DIA + 900

TYPICAL MANHOLE PLAN DETAIL TYPE B (TYPE 3) DEPTH TO SOFFIT OF PIPE 1.5-3m

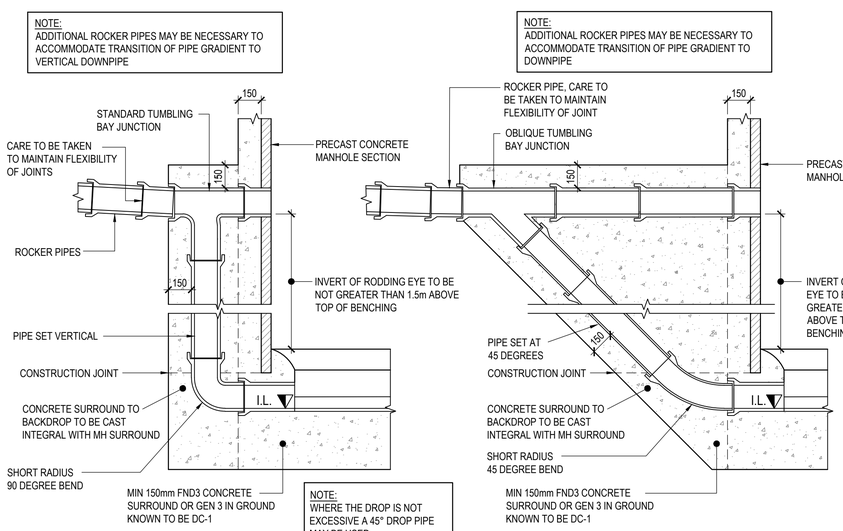
[SCALE 1:20]



NOMINAL DIA. (mm)	EFFECTIVE LENGTH (m)
150 TO 600	0.6
675 TO 750	1.0
825 & OVER	1.25

TYPICAL MANHOLE PLAN DETAIL TYPE C (TYPE 2) DEPTH TO SOFFIT OF PIPE LESS THAN 1.5m, MAX PIPE DIA 450mm

[SCALE 1:20]

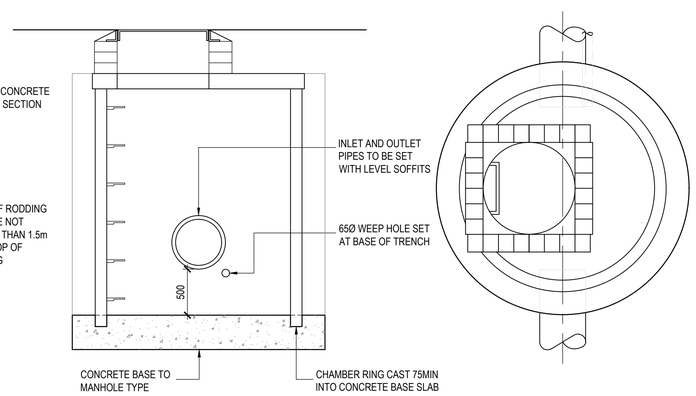


TYPICAL VERTICAL EXTERNAL BACKDROP DETAIL

[SCALE 1:20]

TYPICAL 45° EXTERNAL BACKDROP DETAIL

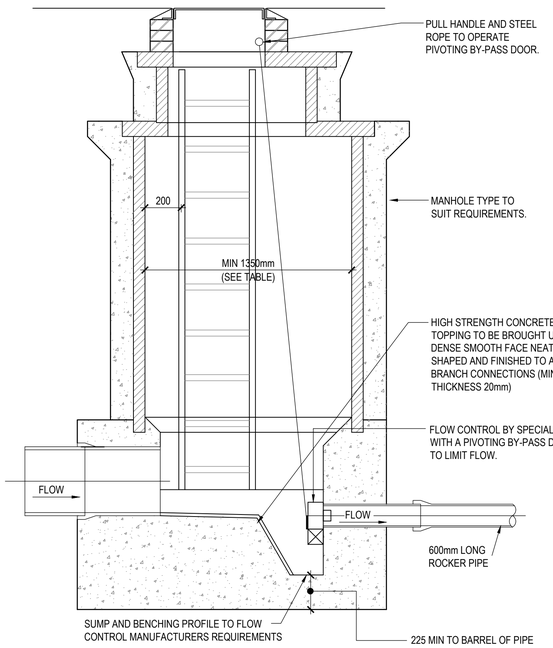
[SCALE 1:20]



TYPICAL CATCHPIT MANHOLE PLAN & SECTION

(BACKFILL, SHAFT, ACCESS, COVER SLAB AND COVER & FRAME AS PER PCC MANHOLES)

[SCALE 1:20]



FLOW CONTROL CHAMBER

(BACKFILL, SHAFT, ACCESS, COVER SLAB AND COVER & FRAME AS PER PCC MANHOLES)

[SCALE 1:20]

General notes

1. This drainage drawing is to be read in conjunction with all relevant Architect's, Engineer's drawings and specifications.
2. Do not scale this drawing. Any ambiguities, omissions and errors on the drawings shall be brought to the Engineer's attention immediately. All dimensions must be checked and verified on-site before construction commences.
3. All dimensions are in Metres unless otherwise noted.
4. All levels in mAOD unless otherwise noted.
5. The contractor is responsible for verifying the accuracy of the topographical survey and undertaking additional surveys for validation purposes.

Drainage notes

6. Refer To SGI Drawing C1811-SGI-ZZ-XX-DR-C-110 for drainage notes

Rev.	Description	By	Date
P01	PRELIMINARY ISSUE	AS	20.12.24

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Client: Great Places Housing Group

Project: Russell Road. Whalley Range

Title: DRAINAGE DETAILS SHEET 1 OF 3

Date	20.12.24	Drawn By	AS
Size	A1	Checked By	RBG
Scale	AS NOTED	Approved By	RBG

SGi Proj No.	RIBA	Status Code	Issue Status
C1811			

Dwg No. C1811-SGI-ZZ-XX-DR-C-112 Ref. P01