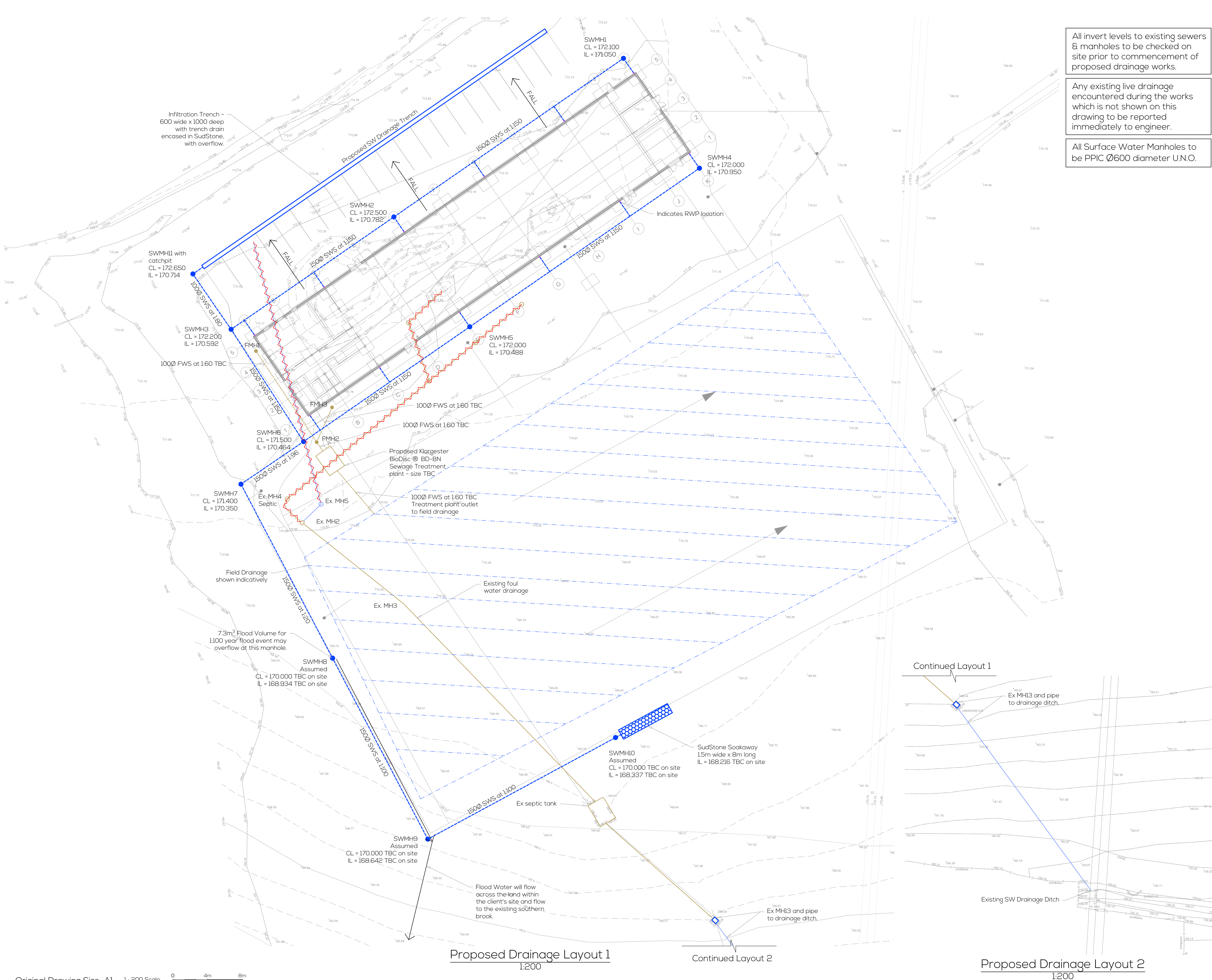




All invert levels to existing sewers & manholes to be checked on site prior to commencement of proposed drainage works.

Any existing live drainage encountered during the works which is not shown on this drawing to be reported immediately to engineer.

All Surface Water Manholes to be PPIC Ø600 diameter U.N.O.

- Legend
- Proposed surface water sewer & manhole
 - Proposed foul water sewer & manhole
 - Proposed surface water drainage
 - Proposed foul water drainage
 - Existing field drainage
 - Existing surface water drainage
 - Existing foul water drainage
 - Existing drainage to be made redundant

Drainage Notes
Do not scale from this drawing.

This drawing is to be read in conjunction with all relevant Architects and Engineers drawings and specifications.

All works and materials to be in accordance with current British Standards and Building Regulations.

The Architect's drawing has been used as a base for this plan. Please refer to the latest landscaping layout.

Pipes with <300mm cover under non-vehicle areas and <900mm cover under vehicle areas are to be encased in rete as shown on the pipe bedding drawing. A protection slab may be required for shallower pipes and will be indicated on the drawing. Please refer to manufacturers details for pipe material specific requirements.

Adoptable sewers will require a minimum of 1200mm cover in accordance with sewerage undertakers requirements.

For any works on Public Sewers refer to Statutory Undertakers Drawings.

For drainage details refer to ESD drg 5394/910-919.

RWP, SVP & Syphonic Locations and Sizes to be confirmed by the Architect / specialist.

Foul air traps to be provided on all gullies and ACO channels.

Access fittings to be provided on all internal drainage.
Drain Connection Access Fitting
0-12m Type 1 (min 150x100mm)
12-22m (Junction) Type 2 (min 225x100mm)
12-45m (Into Manhole) Type 2 (min 225x100mm)

All below ground slab foul drainage to be minimum 100mm diameter unless otherwise noted.

ALL OUTLETS AND FITTINGS TO BE RODDABLE IN ACCORDANCE WITH BUILDING REGULATIONS

Catchpit Manholes to be 600mmØ pre-cast concrete, with 500mm sump. Installed in accordance with the manufacturer's details.

P3	Drainage Updated clouded	BR	AS	18/09/25
P2	Drainage Updated clouded	BR	AS	25/07/25
P1	Preliminary Issue	AS	SC	03/04/25
REV	DESCRIPTION	BY	CHK	DATE

EDGE

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Client Rochdale Company of Archers

Project	Indoor & Outdoor Ranges Ashworth Valley, Rochdale
Drawing Title	Proposed Drainage Layout
Project No.	5394
Drawing No.	901
Revision	P3

PRELIMINARY