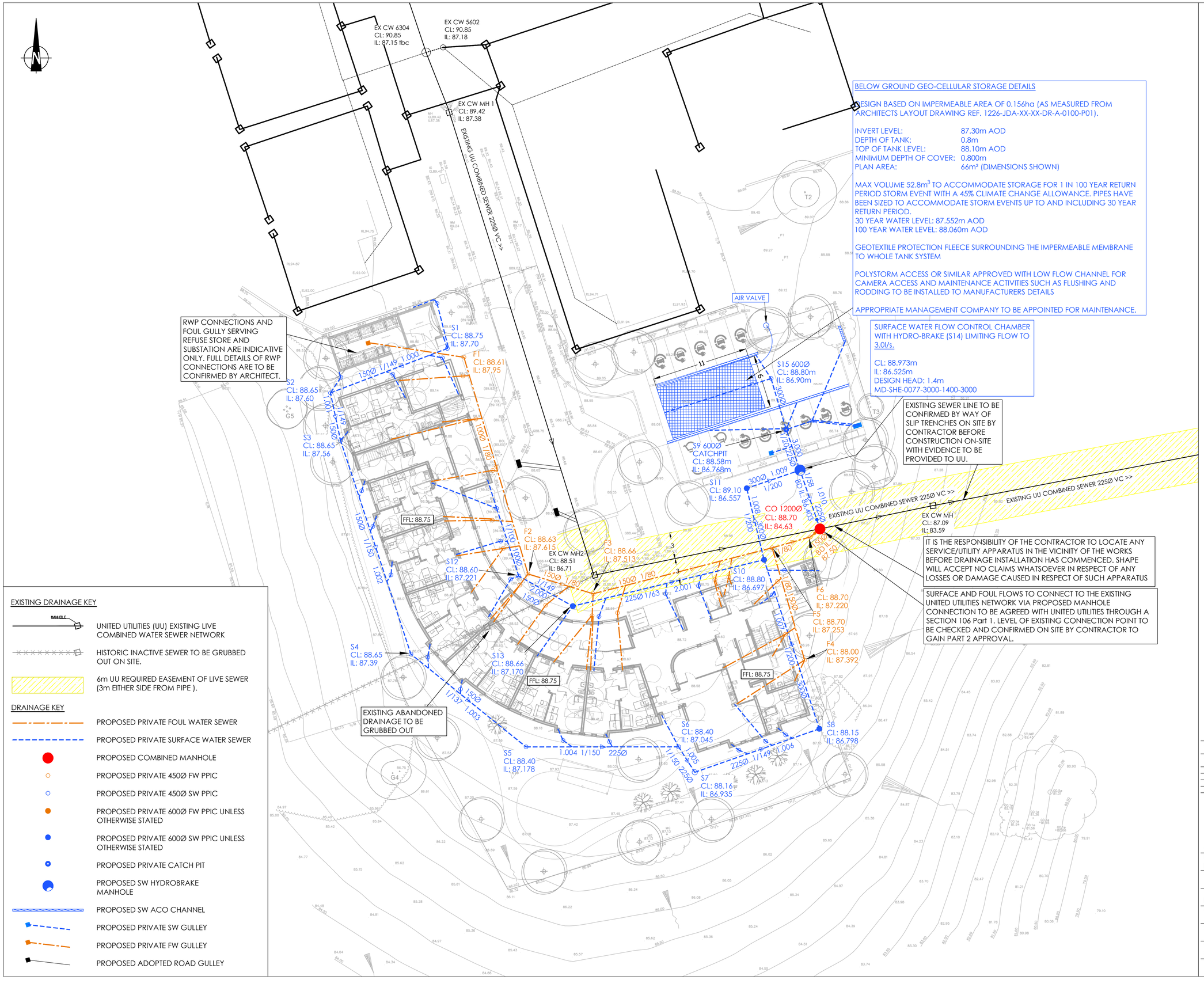


EXISTING DRAINAGE KEY

- UNITED UTILITIES (UU) EXISTING LIVE COMBINED WATER SEWER NETWORK
- HISTORIC INACTIVE SEWER TO BE GRUBBED OUT ON SITE.
- 6m UU REQUIRED EASEMENT OF LIVE SEWER (3m EITHER SIDE FROM PIPE).

DRAINAGE KEY

- PROPOSED PRIVATE FOUL WATER SEWER
- PROPOSED PRIVATE SURFACE WATER SEWER
- PROPOSED COMBINED MANHOLE
- PROPOSED PRIVATE 450Ø FW PPIC
- PROPOSED PRIVATE 450Ø SW PPIC
- PROPOSED PRIVATE 600Ø FW PPIC UNLESS OTHERWISE STATED
- PROPOSED PRIVATE 600Ø SW PPIC UNLESS OTHERWISE STATED
- PROPOSED PRIVATE CATCH PIT
- PROPOSED SW HYDROBRAKE MANHOLE
- PROPOSED SW ACO CHANNEL
- PROPOSED PRIVATE SW GULLEY
- PROPOSED PRIVATE FW GULLEY
- PROPOSED ADOPTED ROAD GULLEY

GENERAL NOTES

THIS DRAWING TO READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL AND ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR / FABRICATOR PRIOR TO COMMENCEMENT OF WORKS.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.

ALL WORKS TO BE CARRIED OUT IN STRICT ACCORDANCE WITH THE ENGINEER'S SPECIFICATIONS, RELEVANT BRITISH STANDARDS AND WHERE APPLICABLE LOCAL AUTHORITIES REQUIREMENTS.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY SERVICE/UTILITY APPARATUS IN THE VICINITY OF THE WORKS BEFORE DRAINAGE INSTALLATION HAS COMMENCED. SHAPE WILL ACCEPT NO CLAIMS WHATSOEVER IN RESPECT OF ANY LOSSES OR DAMAGE CAUSED IN RESPECT OF SUCH APPARATUS.

DRAINAGE NOTES

ALL INDICATED SURFACE WATER SEWERS ARE 100mm IN DIAMETER AND HAVE A MINIMUM GRADIENT OF 1:100 UNLESS OTHERWISE STATED.

ALL FOUL WATER SEWERS ARE 100mm IN DIAMETER AND HAVE A MINIMUM GRADIENT OF 1:80 UNLESS OTHERWISE STATED.

ALL MANHOLE AND SEWER TRENCH WORKS SHOULD COMPLY WITH PART H OF THE BUILDING REGULATIONS.

ALL PPICS TO BE 300 - 450 IN DIAMETER UNLESS OTHERWISE STATED

ALL PPIC'S WITHIN PRIVATE SHARED DRIVEWAY TO HAVE C250 150 CONCRETE SURROUND LIDS.

INTERNAL OUTFALL DRAINAGE FROM PICK UP POINTS TO FIRST PPIC/MH CHAMBER TO HAVE MINIMUM GRADIENT OF 1 IN 40.

NOTE:

ALL DRAINAGE PROPOSALS ARE FOR TENDER PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION.

CURRENTLY ALL DEPTHS ARE INDICATIVE FOR TENDER AND DRAINAGE DESIGN PENDING FINALISED FINISH FLOOR LEVEL. FURTHER INVESTIGATIONAL WORKS ARE REQUIRED TO DETERMINE DEPTHS AT THE OUTFALL LOCATIONS BEFORE THE DESIGN CAN BE CONFIRMED.

INDICATIVE GULLIES OR ACO CHANNELS HAVE BEEN PROPOSED FOR THE HARDSTANDING DRAINAGE. DETAILED LEVEL DESIGN REQUIRED FROM ARCHITECT BEFORE HARDSTANDING DRAINAGE CAN BE CONFIRMED.

Rev	Date	By	Description
T05	09/12/25	NM	Tank geometry and levels amended and reduced to provide sufficient cover over ground water strike level
T04	04/12/25	NM	Discharge rate reduced to 3.0ls. Climate change increased to 45%
T03	13/11/25	BW	Drainage routing amendments
T02	29/10/25	BW	Updated to include full CCTV info for issue to UU
T01	20/06/25	PB	First issue

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Client
Irwell Valley Homes

PROJECT
Jurby Avenue, Manchester

TITLE
Drainage Layout

Status	Suitability Description	Structural Stage	Date
-	Tender	-	20/06/2025

Designed By	Drawn By	Scale @ A1	Project No.
PB	PB	1:200	2108

Sheet No.
2108-SCE-00-00-DR-C-0001.1

Revision
T05

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