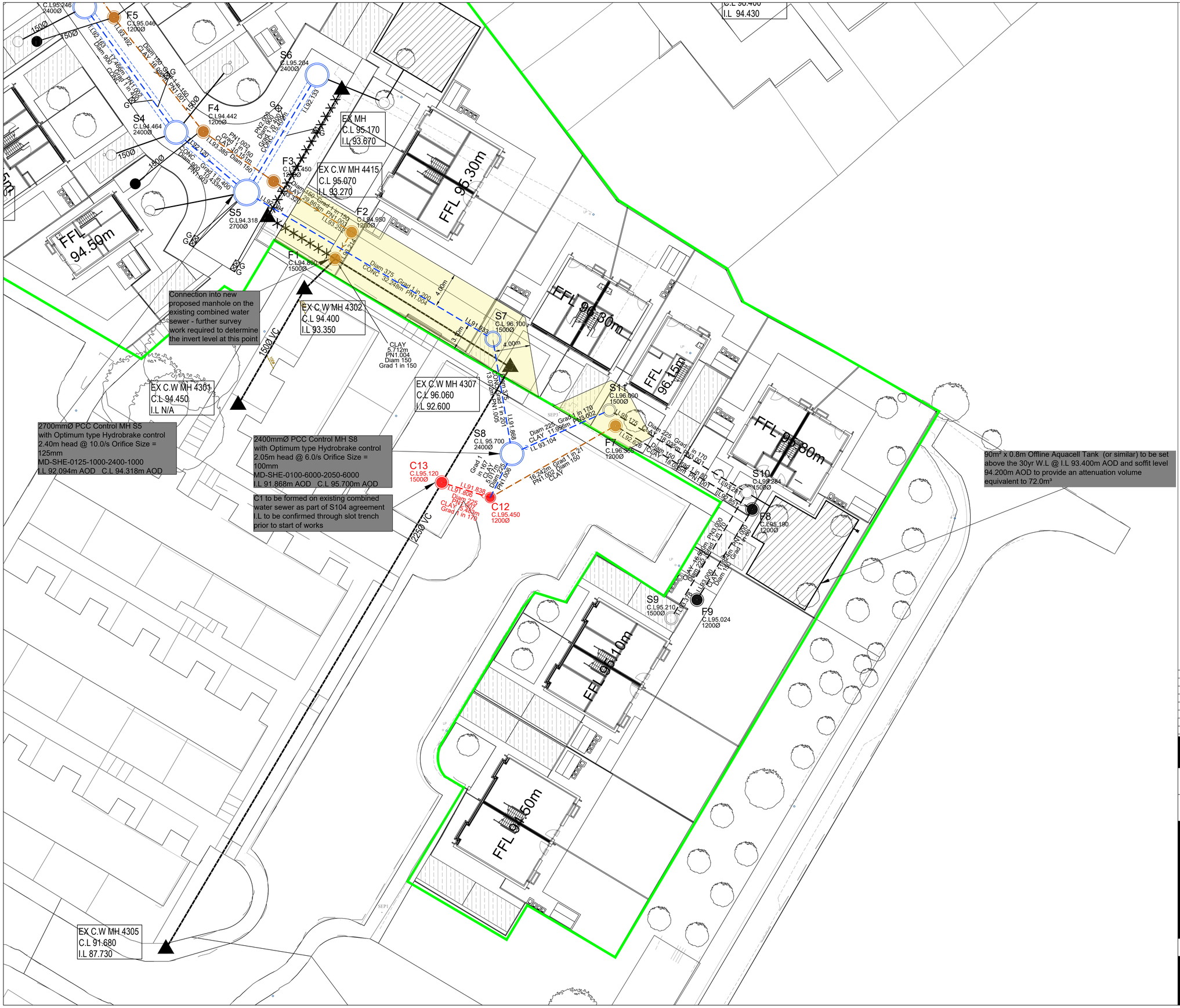

GENERAL NOTES

1. SETTING OUT SHALL BE UNDERTAKEN USING ONLY THE INFORMATION GIVEN. DISTANCES SHOULD NOT BE SCALED FROM THIS DRAWING.
2. ALL SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DCG AND UNITED UTILITIES DETAILS & GUIDELINES.
3. THE MINIMUM GRAVITY PIPE DIAMETER UNDER ADOPTABLE HIGHWAYS SHALL BE 150MM
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION GIVEN WITH REGARDS TO EXISTING SERVICES AND DRAINAGE CONNECTIONS ETC. PRIOR TO COMMENCING THE WORKS. THE RATES SHALL INCLUDE FOR HAND DIG AROUND SERVICES WHERE NECESSARY. THE CONTRACTOR SHALL ADHERE TO THE CDM REGULATIONS AT ALL TIMES
5. THE OUTSIDES OF ALL SEWERS SHALL BE A MINIMUM OF 1.0M FROM KERB LINES AND THE OUTSIDE OF MANHOLES SHALL BE A MINIMUM OF 0.5M FROM KERB LINES
6. EXISTING FLOWS IN WATERCOURSES, SEWERS AND LAND DRAINS SHALL BE MAINTAINED AT ALL TIMES 7. ONLY TRAINED PERSONNEL SHALL BE PERMITTED TO ENTER CONFINED SPACES
7. ALL MATERIALS TO BEAR THE RELEVANT B.S. KITEMARK AND COMPLY FULLY WITH THE SPECIFICATIONS. ALL CONCRETE & CONCRETE PRODUCTS MUST USE SULPHATE RESISTANT CEMENT (UNLESS THE SITE INVESTIGATION REPORT PROVES THAT SULPHATE ATTACK FROM SOILS AND GROUNDWATER WILL NOT OCCUR TO WITHSTAND A CLASS
8. ALL OPENING NOTICES ETC. AS REQUIRED UNDER HIGHWAYS ACTS ETC. ARE TO BE OBTAINED PRIOR TO COMMENCEMENT OF WORKS. ALL WORKS ARE TO BE INSPECTED BY L.A., NHBC OR THE NETWORK OPERATOR AS APPLICABLE.
9. WHERE "ULTRA RIB" UPVC PIPES (OR SIMILAR APPROVED) ARE USED IN ADOPTABLE DRAINAGE THEY SHALL STILL BE HANDLED AND LAID IN ACCORDANCE WITH THE SPECIFICATION AND GUIDANCE ISSUED BY THE HIGH PERFORMANCE PIPE ASSOCIATION.
10. A CLASS S BED AND SURROUND MUST BE USED FOR SUCH PIPES. TRENCH BACKFILL IN HIGHWAYS TO WITHIN 1M OF HIGHWAY SHALL, AS DIRECTED BY THE HIGHWAY AUTHORITY BE A SUITABLE GRANULAR MATERIAL ALL IN ACCORDANCE WITH SEWERS FOR ADOPTION CL. 4.3.4. 12. SLAB LEVELS SHALL NOT BE VARIED WITHOUT REFERENCE TO THE ENGINEER FOR GUIDANCE
11. DOMESTIC DRAINAGE SHALL BE TO BUILDING REGULATIONS APPROVED DOCUMENT H. 110MM U.P.V.C. PIPES LAID TO THE FOLLOWING MINIMUM FALLS UNLESS OTHERWISE SHOWN.

	FOUL	S.W.
HEAD RUN	1 IN 40	1 IN 60
ELSEWHERE	1 IN 80	1 IN 100

12. POLYPROPYLENE INSPECTION CHAMBERS TO BE PROVIDED TO ALL PRIVATE DRAINAGE LESS THAN 1.10m DEEP. WHERE PRIVATE DRAINAGE RUNS ARE DEEPER THAN 1.10m, REDUCED ACCESS CHAMBERS TO BE PROVIDED.
13. WHEREVER PLASTIC PIPES ARE TO BE USED FOR THE CONSTRUCTION OF ADOPTABLE DRAINAGE, STRUCTURED WALL PLASTIC PIPES MUST BE USED WHICH MUST COMPLY WITH BS EN 13476-1 AND WIS 4-35-01

LEGEND

- PROPOSED SURFACE WATER SEWER MANHOLE - TO BE ADOPTED UNDER A S104 AGREEMENT SUBJECT TO TECHNICAL APPROVAL
- PROPOSED FOUL WATER SEWER MANHOLE - TO BE ADOPTED UNDER A S104 AGREEMENT SUBJECT TO TECHNICAL APPROVAL
- PROPOSED COMBINED WATER SEWER MANHOLE - TO BE ADOPTED UNDER A S104 AGREEMENT SUBJECT TO TECHNICAL APPROVAL
- EXISTING COMBINED WATER MANHOLE
- PROPOSED FOUL 1200mmØ PCC DRAG OUT MH (TO BE AGREED WITH UU FIELD INSPECTOR)
- PROPOSED SURFACE WATER 1200mmØ PCC DRAG OUT MH (TO BE AGREED WITH UU FIELD INSPECTOR)
- PROPOSED FOUL WATER SEWER
- PROPOSED SURFACE WATER SEWER
- G HIGHWAY GULLY
- 53.000 FINISHED FLOOR LEVEL
- ACO CHANNEL (OR SIMILAR)
- POROUS PAVING - FOR WATER QUALITY ONLY
- EXISTING SEWER EASEMENT
- RED LINE BOUNDARY

REV	DATE	DESCRIPTION	BY	CHK	APP
P08	06.03.2025	AMENDED TO SUIT UU COMMENTS	JPR	JCM	JCM
P07	14.02.2025	AMENDED FOLLOWING MEETING WITH UU	JPR	JCM	JCM
P05	11.12.2024	UPDATED TO SUIT LATEST ARCHITECTS PLAN	JPR	JCM	JCM
P04	24.05.2024	TANK VOLUMES AMENDED	JPR	JPR	JCM
P03	26.03.2024	ARCHITECTS PLAN UPDATED	JPR	JCM	JCM
P02	22.01.2024	UPDATED TO SUIT DOMESTIC DRAINAGE PLAN	JPR	JCM	JCM
P01	10.11.2023	PRELIMINARY ISSUE	JPR	JCM	JCM

DRAWING STATUS:

PRELIMINARY

CLIENT:

GUINNESS PARTNERSHIPS

ARCHITECT:

JOHN MCCALL ARCHITECTS

PROJECT:

WHITEMOSS ROAD
MANCHESTER

TITLE:

OUTLINE DRAINAGE LAYOUT
SHEET 2 OF 2

STATUS:	PROJECT No.	PROJECT	ORIGINATOR	VOL/SYS	LEVEL	TYPE	ROLE	DRAWING No.	REV:
S2	223-009	WMR -	AJP -	ZZ -	00 -	DR -		C - 1001	P08

SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
1:200	JPR	JPR	JCM	JCM	NOV 2023

AJP consulting engineers
EST. 1979
0151 227 1462 info@ajpltd.co.uk 1 Dale Street, Liverpool, L2 2ET