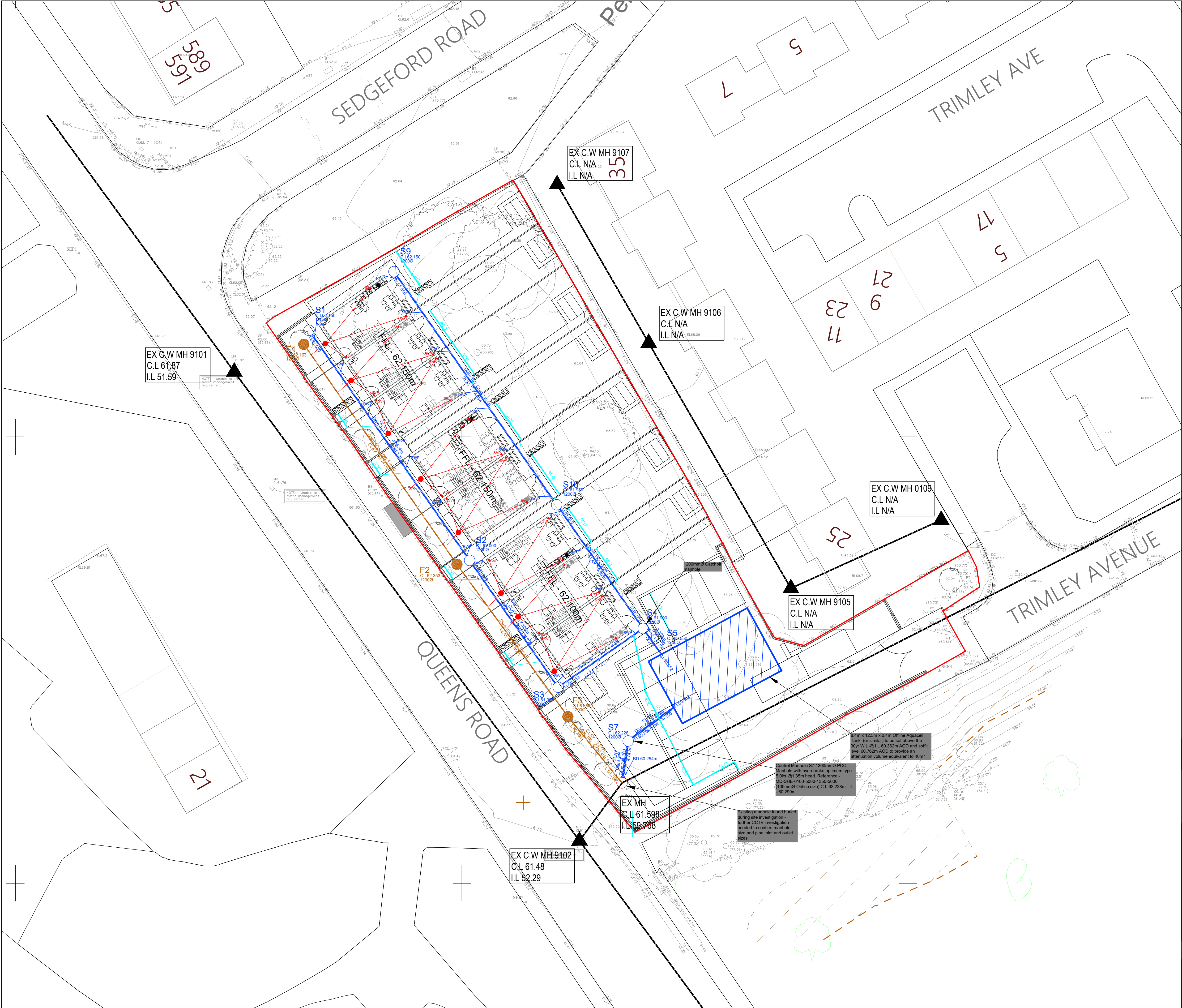




GENERAL NOTES

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 DCC AND UNITED UTILITIES DETAILS & GUIDELINES.

3. THE MINIMUM GRAVITY PIPE DIAMETER UNDER ADAPTABLE 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 COM 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 0.3M 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. KEYMARK 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. INBC OR THE NETWORK OPERATOR AS APPLICABLE.

9. WHERE "ULTRA RIB" (UPVC) PIPES (OR SIMILAR APPROVED) ARE USED IN ADAPTABLE 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 ADAPTABLE 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

PROPOSED FOUL WATER SEWER MANHOLE - TO BE ADOPTED UNDER A S104 AGREEMENT

PROPOSED COMBINED WATER SEWER MANHOLE - TO BE ADOPTED UNDER A S104 AGREEMENT

EXISTING COMBINED WATER MANHOLE

PROPOSED FOUL WATER SEWER

PROPOSED SURFACE WATER SEWER

53.000

FINISHED FLOOR LEVEL

ACO CHANNEL (OR SIMILAR)

RAINWATER PIPE

SOIL VENT PIPE

INSPECTION CHAMBER

MANHOLE DEPTHS NEED APPROPRIATE TEMPORARY WORKS DUE TO EXCESSIVE DEPTH ON DIVERSION - TO BE REVIEWED BY CONTRACTOR

C01	22.10.2024	RIBA STAGE 5 (CONSTRUCTION) ISSUE	JJR	JCM	JCM
P04	16.05.2024	UPDATED FOLLOWING DISCOVERY OF BURIED MANHOLE DURING SITE INVESTIGATION	JJR	JCM	JCM
P03	03.04.2024	UPDATED TO SUIT LATEST ARCHITECTS PLAN	JJR	JCM	JCM
P02	08.02.2024	AMENDED TO SUIT NEW PLOT FFLs	JJR	JCM	JCM
P01	11.12.2023	PRELIMINARY ISSUE	JJR	JCM	JCM
REV	DATE	DESCRIPTION	BY	CHK	APP

DRAWING STATUS:

CONSTRUCTION

CLIENT:

CASEY

ARCHITECT:

JOHN MCCALL ARCHITECTS

PROJECT:

QUEENS AVENUE P500 MANCHESTER

TITLE:

OUTLINE DRAINAGE PLAN

STATUS:	PROJECT No.	PROJECT	ORIGINATOR	VOL/SYS/LEVEL	TYPE	ROLE	DRAWING No.	REV:
S2	223-151	QAV - AJP - ZZ - 00 - DR - C - 1000	C01					

SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
1:200	JJR	JJR	JCM	JLS	13.11.2023

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