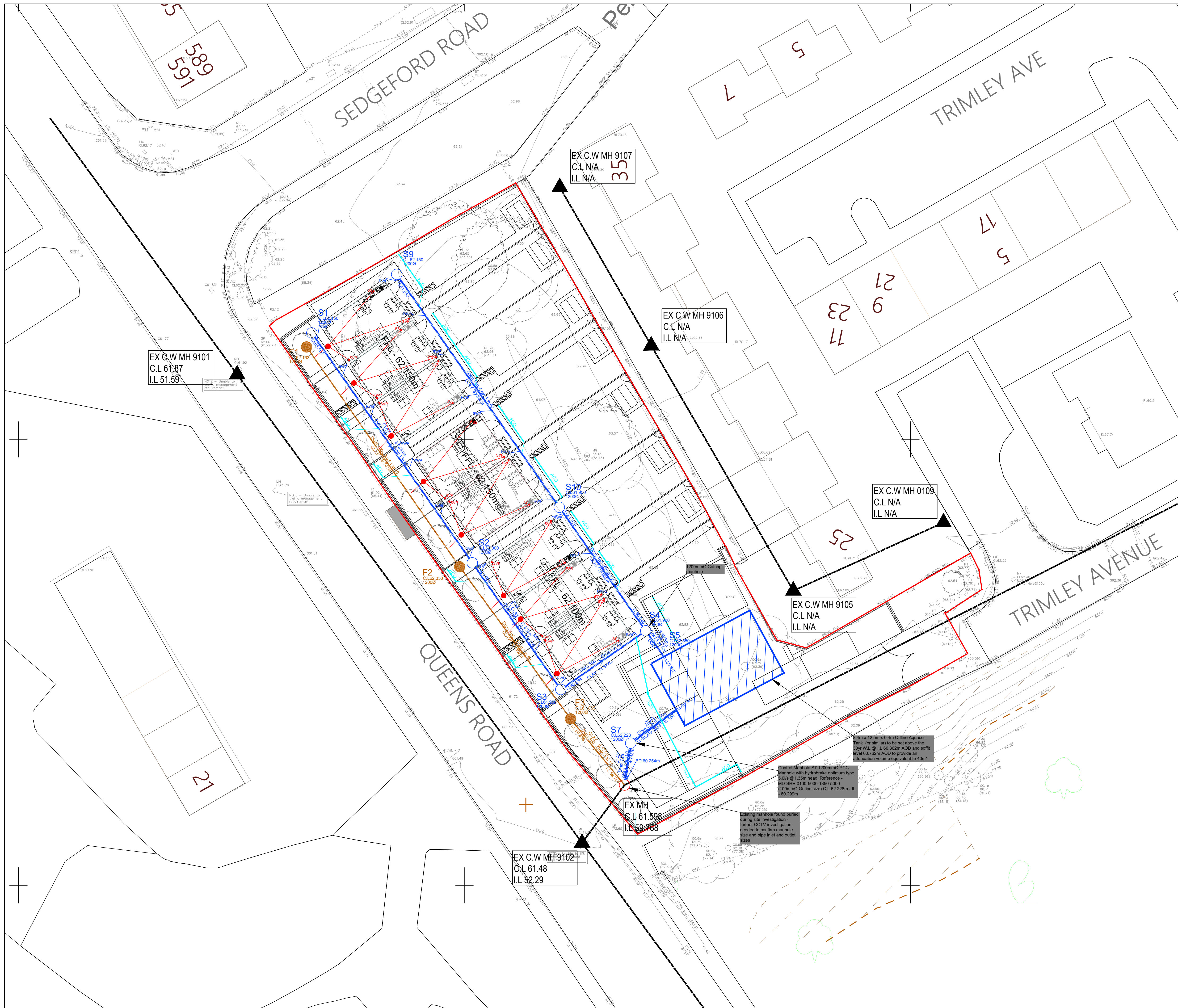




GENERAL NOTES

1. SETTING OUT SHALL BE UNDERTAKEN USING ONLY THE INFORMATION GIVEN. DISTANCES SHOULD NOT BE SCALED FROM THIS DRAWING.
2. ALL WORKERS SHALL BE INSTRUCTED IN ACCORDANCE WITH DOG AND UNLITED 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 OUTSIDE OF SERVICE WHEN 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 0.9M 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 SULPH. 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. NRS. 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 5 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 GRAINABLE MATERIAL. ALL IN ACCORDANCE WITH SEWERS FOR ADPTION CL.4.2.1.2. SUB LEVELS SHALL NOT BE VARIED WITHOUT REFERENCE TO THE ENGINEER FOR GUIDANCE
11. DOMESTIC DRAINAGE SHALL BE TO BUILDING REGULATIONS APPROVED DOCUMENT H: 110MM UP V.P. PIPES LAD 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 INSULATION 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 3349-1 & BS 4543-01

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 |
| | 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

P04	16.05.2024	UPDATED FOLLOWING DISCOVERY OF BURIED MANHOLE DURING SITE INVESTIGATION	JPR	JCM	JCM
P03	03.04.2024	UPDATED TO SUIT LATEST ARCHITECTS PLAN	JPR	JCM	JCM
P02	08.02.2024	AMENDED TO SUIT NEW PLOT FFL's	JPR	JCM	JCM
P01	11.12.2023	PRELIMINARY ISSUE	JPR	JCM	JCM
REV	DATE	DESCRIPTION	BY	CHK	APP

PRELIMINARY

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							P04

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