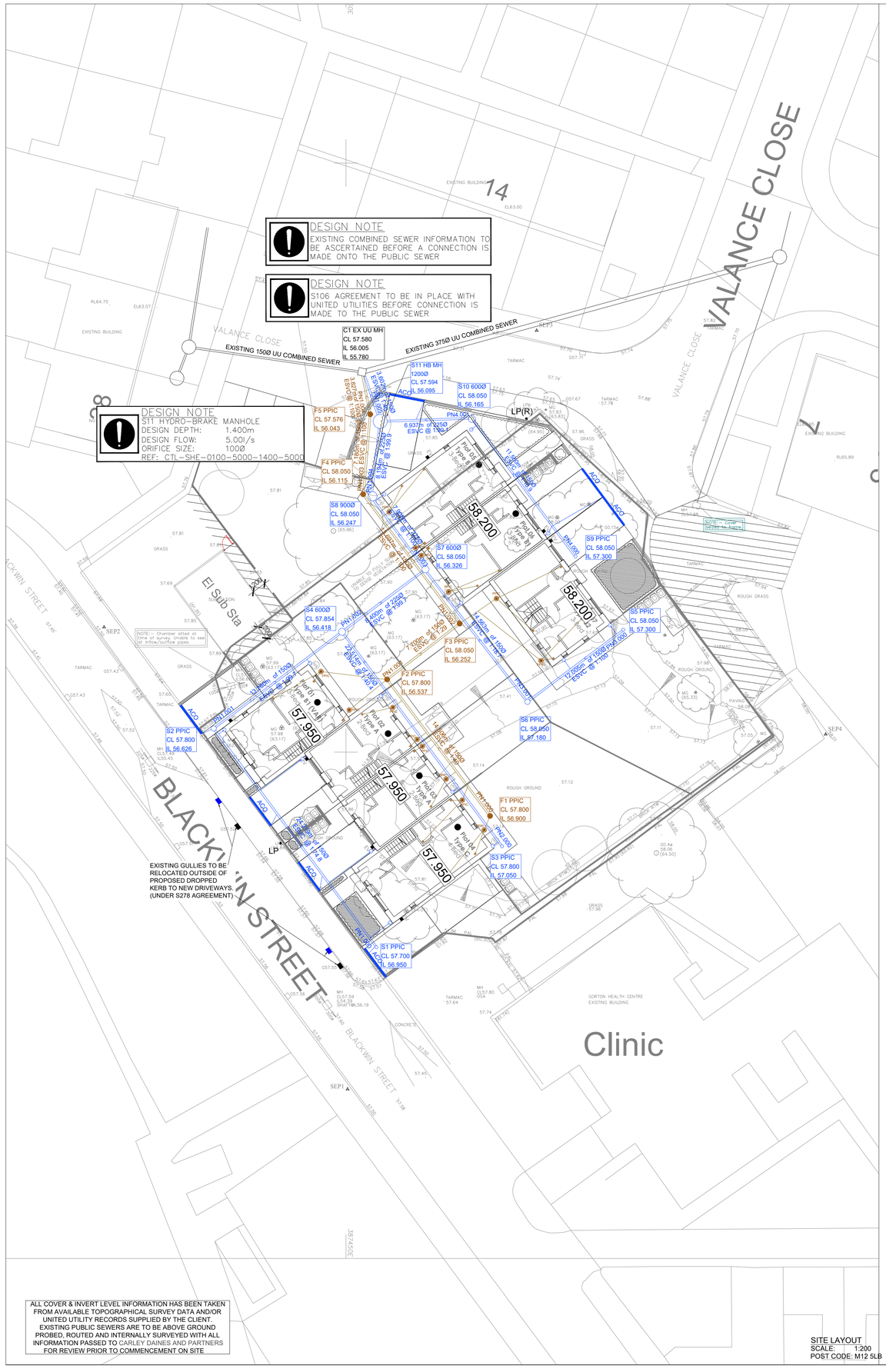

SITE LAYOUT
SCALE: 1:200
POST CODE: M12 5LB

MANHOLE SCHEDULE

Sheet 1 of 1

Manhole Number / Coordinates	Cover Level / Depth To Soffit	Connections	Pipe: Code	Pipe: Inverts	Pipe: Diams	Manhole Size	Types: Manhole	Types: Cover
S1 E. 387453.349 N. 396782.424	57.700 0.600	0	0 1.000	56.950	150	450	PPIC	B125
S2 E. 387438.886 N. 396801.850	57.800 1.024	1 0	1 1.000 0 1.001	56.626 56.626	150 150	450	PPIC	B125
S3 E. 387462.946 N. 396791.778	57.800 0.600	0	0 2.000	57.050	150	450	PPIC	B125
S4 E. 387449.482 N. 396809.823	57.854 1.211	1 2 0	1 1.001 2 2.000 0 1.002	56.493 56.493 56.418	150 150 225	600	PPIC	B125
S5 E. 387475.359 N. 396811.000	58.050 0.600	0	0 3.000	57.300	150	450	PPIC	B125
S6 E. 387465.747 N. 396803.808	58.050 0.720	1 0	1 3.000 0 3.001	57.180 57.180	150 150	450	PPIC	B125
S7 E. 387456.823 N. 396815.316	58.050 1.499	2 1 0	1 1.002 2 3.001 0 1.003	56.401 56.401 56.326	150 150 225	600	PPIC	B125
S8 E. 387452.131 N. 396821.682	58.050 1.578	1 0	1 1.003 0 1.004	56.247 56.247	225 225	900	PPIC	B125
S9 E. 387467.628 N. 396819.056	58.050 0.600	0	0 4.000	57.300	150	450	PPIC	B125
S10 E. 387460.683 N. 396828.285	58.050 1.660	1 0	1 4.000 0 4.001	56.240 56.165	150 225	600	PPIC	B125
S11 E. 387453.889 N. 396829.685	57.594 1.122	2 1 0	1 1.004 2 4.001 0 1.005	56.095 56.095 56.095	225 225 150	1200	CONC	D400
S12 E. 387451.372 N. 396832.261	57.580 1.274	1	1 1.005	56.005	150	1200	EXG	D400

MANHOLE SCHEDULE

Sheet 1 of 1

Manhole Number / Coordinates	Cover Level / Depth To Soffit	Connections	Pipe: Code	Pipe: Inverts	Pipe: Diams	Manhole Size	Types: Manhole	Types: Cover
F1 E. 387461.914 N. 396794.348	57.800 0.750	0	0 1.000	56.900	150	450	PPIC	B125
F2 E. 387453.184 N. 396805.933	57.800 1.113	1 0	1 1.000 0 1.001	56.537 56.537	150 150	450	PPIC	B125
F3 E. 387459.639 N. 396810.903	58.050 1.648	1 0	1 1.001 0 1.002	56.252 56.252	150 150	450	PPIC	B125
F4 E. 387451.454 N. 396821.885	58.050 1.785	1 0	1 1.002 0 1.003	56.115 56.115	150 150	450	PPIC	B125
F5 E. 387453.135 N. 396828.865	57.576 1.383	1 0	1 1.003 0 1.004	56.043 56.043	150 150	450	PPIC	B125
F6 E. 387451.372 N. 396832.261	57.580 1.425	1	1 1.004	56.005	150	1200	PPIC	B125

AS BUILT ISSUE

DO NOT SCALE OFF THIS DRAWING IF IN DOUT - ASK

KEY

- 100 99.8 (500) — 1:80.0 grad — Private foul manhole and drain.
- PPIC — Private foul 450Ø, 600mm deep PPIC
- 100 99.55 (450) RE 1:60.0 grad — Storm rodding eye.
- 100 99.4 (500) 1:80.0 grad — Private storm manhole and drain.
- ACO — ACO surface water channel drain
- XXXXXXXXXXXX — Existing sewer to be abandoned

NOTES

1. ALL ADOPTABLE DRAINAGE WORKS HAVE BEEN DESIGNED AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION GUIDANCE.
2. ALL CLAY PIPE WORK SHALL BE EXTRA STRENGTH CLAYWARE TO B.S EN 295:1991 PART 1
3. ALL PRECAST CONCRETE PIPEWORK SHALL BE TO THE CLASS STATED ON THE DRAWINGS IN ACCORDANCE WITH B.S EN 1916:2002. ALSO, ALL MANHOLES AND CHAMBERS SHALL BE TO B.S EN 1917:2002
4. THE CONTRACTOR MAY ELECT TO USE REINFORCED PVC PIPES AS COVERED BY B.S 4660:2000 & B.S EN 1401-1. STRUCTURED WALL UPVC PIPES TO COMPLY WITH WISA-35-01. (BY PRIOR AGREEMENT WITH ADOPTING AUTHORITY) MAX. PIPE LENGTH TO BE 3.0M
5. ALL LEVELS RELATE TO TOPOGRAPHICAL SURVEY DATUM.
6. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS
7. PLOT DRAINAGE CONNECTIONS TO SEWERS MUST BE 150MM DIAMETER AND UNLESS OTHERWISE STATED LAID TO THE INVERT SHOWN.
8. ALL INSPECTION CHAMBERS TO BE 450mm DIAMETER POLYPROPYLENE WITH A MAXIMUM DEPTH OF 1200mm FOR THE STANDARD UNIT & A MAXIMUM DEPTH OF 3000mm WHEN A 350mm REDUCING RING IS USED.
9. ALL PLOT DRAINAGE RUNS TO BE 100mm DIAMETER AT A NOMINAL FALL OF 1:70 UNLESS NOTED OTHERWISE.
10. RODDING EYES AT START OF EACH DRAINAGE RUN.
11. ALLOW FOR 5.0M OF 'ACO' DRAINAGE CHANNEL PER PROPERTY AT HIGHWAY BOUNDARY.
12. SURFACE WATER FROM PLOT PARKING AREAS MUST NOT DISCHARGE ONTO THE HIGHWAY.
13. PLOT DRAINAGE RUNS TO BE KEPT WITHIN THE CURTILAGE OF THE PLOT THEY SERVE WHEREVER POSSIBLE.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ANY EXISTING INVERT LEVELS INDICATED ON DRAWINGS ARE CORRECT BEFORE THE WORKS ARE COMMENCED.
15. ALL CONNECTIONS TO ADOPTABLE SEWERS SHALL BE MANUFACTURED JUNCTION PIPES. SADDLE CONNECTIONS WILL NOT BE PERMITTED, UNLESS SPECIFIED.
16. ALL SEWERS FOR ADOPTION WITH GREATER THAN 1.20M COVER IN ROADS OR 0.9M COVER IN FIELDS SHALL HAVE CLASS S GRANULAR BED AND SURROUND.
17. ANY SEWER FOR ADOPTION WITH LESS THAN 1.2M COVER IN ROADS OR 0.9M COVER IN FIELDS SHALL HAVE A MINIMUM OF 150MM ST4 CONCRETE SURROUND. FLEXIBILITY SHALL BE MAINTAINED BY THE PROVISION OF FLEXCELL OR SIMILAR APPROVED JOINT FILLER BREAKS IN THE CONCRETE SURROUND AT EACH PIPE JOINT.
IT IS THE RESPONSIBILITY FOR THE CONTRACTOR TO CHECK ALL ONSITE EXISTING GROUND LEVELS PRIOR TO COMMENCING AND IF THERE ARE ANY DISCREPANCIES THE CONTRACTOR MUST REPORT TO THE ENGINEER IMMEDIATELY.
18. CONTRACTOR TO CONFIRM THE COVER LEVEL, INVERT LEVEL & MANHOLE SIZE FOR THE EXISTING MANHOLE 5902 PRIOR TO CONTRACT START DATE.
19. THERE ARE A NUMBER OF EXISTING SEWERS & MANHOLES ON THE SITE, WHICH MUST BE ABANDONED BEFORE THE THE FINAL DRAINAGE DESIGN. CONTRACTOR TO PROVIDE ALL NECESSARY INFORMATION IF ANY CHANGES ARE REQUIRED TO THE DRAINAGE LAYOUT.
20.

REV	DATE	DESCRIPTION
E	08.07.25	REVISED TO REFLECT AS BUILT STATUS.
D	29.01.25	INTERNAL FOUL DRAINAGE LOCATIONS ADDED
C	05.09.24	SW REVISED TO REFLECT MICRO DRAINAGE
B	28.06.24	ACOS ADDED TO DRIVEWAYS AND GULLY RELOCATED SHOWN (SEE S278 DRAWINGS)
A	13.10.23	REVISED TO LATEST ARCHITECTURAL LAYOUT.
-	02.11.22	INITIAL ISSUE

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TITLE

BLACKWIN STREET MANCHESTER

ENGINEERING APPRAISAL AS BUILT

DRAWN	CLYNCH	CHECKED	AMULLIGAN
DATE	NOV 2022	DATE	NOV 2022
SCALE	1:200 @ A1		
DRAWING NO:	21.B.13126-200	REV	E