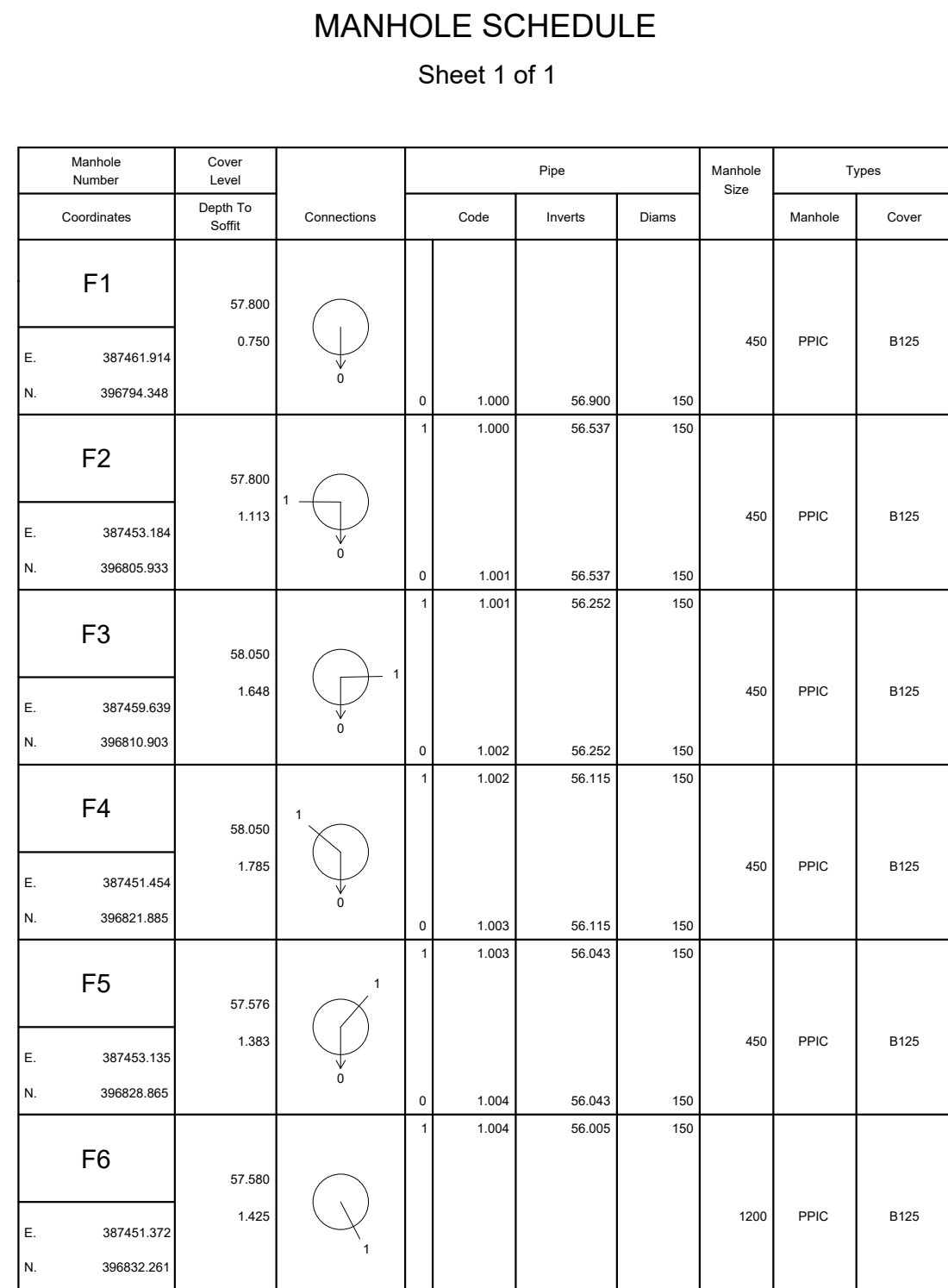
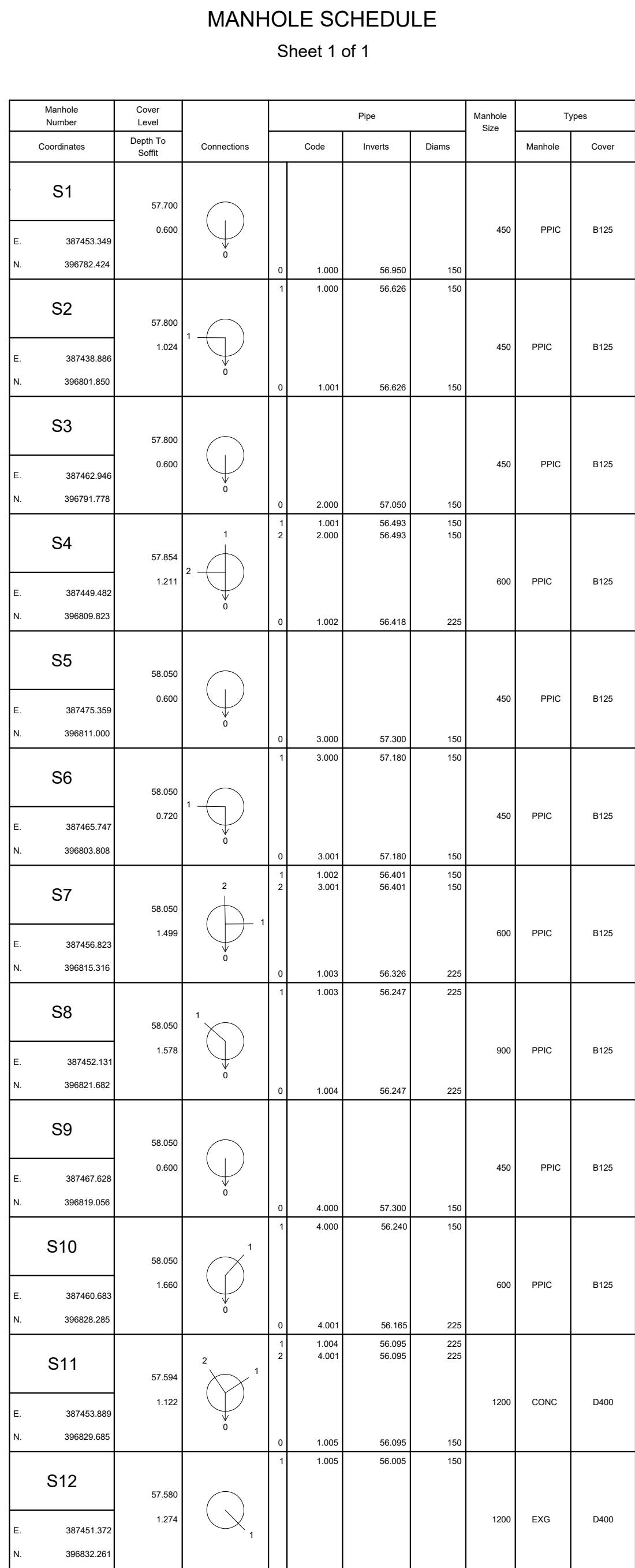




DO NOT SCALE OFF THIS DRAWING IF IN DOUBT - ASK

KEY

	100mm Foul drain
	100mm Surface Water drain
	150mm Foul drain
	150mm Surface Water drain
	Foul connection.
	Rainwater downpipe.
	Foul shallow access.
	Storm rodding eye.
	Private foul manhole and drain.
	Private storm manhole and drain.
	Foul manhole over 1.2m deep.
	Storm manhole over 1.2m deep.
	Yard gully (100mm connection).
	Road gully (150mm connection).
	Existing sewer to be replaced

NOTES

1. ALL ADJACENT 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 GLASSWEAVE TO B.S EN 2967 PART 1
3. ALL PRECAST CONCRETE PIPEWORK SHALL TO BE CLAYED TO STAND ON THE DRAWINGS IN ACCORDANCE WITH BS EN 1196:2002. ALSO, ALL MANHOLES AND CHAMBERS SHALL BE CONCRETE.
4. THE CONTRACTOR MAY ELECT TO USE REINFORCED PVC ALPES AS PER SPECIFIED IN B.S 14660:2000. OTHER THAN STRENGTH RING, IF USED, SHALL TO COMPLY WITH WIGSA-300, (B) PRIOR AGREEMENT WITH THE LOCAL AUTHORITY MUST BE OBTAINED.
5. ALL PIPELINES TO BE LAYED IN ACCORDANCE WITH THE WIGSA ALPES LEVELS TO A CONFORMING 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 CLASS 5 UNLESS OTHERWISE STATED.
8. ALL INSPECTION CHAMBERS TO BE 450mm DIAMETER POLYPROPYLENE WITH A MAXIMUM DEPTH OF 1000mm FOR THE STANDARD TYPE AND A MAXIMUM DEPTH OF 2000mm FOR THE DEEP TYPE.
9. ALL PLOT DRAINAGE RUNS TO BE 100mm DIAMETER AT A NOMINAL FALL OF 1% UNLESS NOTED OTHERWISE.
10. RIDDING VENTS AT START OF EACH DRAINAGE RUN.
11. ALLOW FOR 5.0M OF "ACC" DRAINAGE CHANNEL PER PROPERTY AT HIGHWAY BOUNDARY.
12. SURFACE WATER FROM PLOT PARKING AREAS MUST NOT DISCHARGE OUT OF THE HIGHWAY.
13. PLOT DRAINAGE RUNS TO BE KEPT WITHIN THE CURTILAGE OF THE PLOT THAT THEY WERE DESIGNED FOR.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ANY EXISTING INTERTABLE LEVELS INDICATED ON DRAWINGS ARE CORRECT BEFORE THE WORKS ARE COMMENCED.
15. ALL CONNECTIONS TO ADAPTABLE REVERSERS SHALL BE MANUFACTURED JAW-ON-SPRINGS. SADDLE CONNECTIONS SHALL BE USED UNLESS SPECIFIED.
16. ALL REVERSERS FOR ADPTION WITH GREATER THAN 1.2M COVER OR 0.9M COVER OR 0.6M COVER IN FIELDS SHALL HAVE CLASS 5 GRANULAR BED AND SURROUND.
17. ANY REVER FOR ADPTION 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 100% AND SHALL BE 100% OF FLEXLOCK OR SIMILAR APPROVED JOINT FILLERS BEIN IN THE CONCRETE SURROUND AT EACH JOINT.
18. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK ALL ONSITE EXISTING GROUND LEVELS PRIOR TO COMMENCING AND IF THERE ARE ANY INCONGRUENCIES THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENGINEER IMMEDIATELY.
19. CONTRACTOR TO CONFIRM THE COVER LEVEL, INVERT LEVEL & MANHOLE SIZE FOR THE EXISTING MANHOLE 5002 PRIOR TO CONTRACT START DATE.
20. THERE ARE A NUMBER OF EXISTING SEWERS & MANHOLES ON THE SITE, WHICH MUST BE ABANDONED BEFORE THE FINAL DRAINAGE DESIGN. CONTRACTOR TO PROVIDE ALL NECESSARY PROTECTION IF ANY CHANGES ARE REQUIRED TO THE DRAINAGE LAYOUT.

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
REV	DATE	DESCRIPTION

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TITLE

BLACKWIN STREET
MANCHESTER

PROVISIONAL ENGINEERING APPRAISAL

DRAWN	CLYNCH	CHECKED	AMULLIGAN
DATE	NOV 2022	DATE	NOV 2022
SCALE	1:200 @ A1		

DRAWING NO: 21.B.13126-200

ALL COVER & INVERT LEVEL INFORMATION HAS BEEN TAKEN FROM AVAILABLE TOPOGRAPHICAL SURVEY DATA AND/OR UNITED UTILITY RECORDS SUPPLIED BY THE CLIENT. EXISTING PUBLIC SEWERS ARE TO BE ABOVE GROUND PROBED, ROUTED AND INTERNALLY SURVEYED WITH ALL INFORMATION PASSED TO CARLEY DAINES AND PARTNERS FOR REVIEW PRIOR TO COMMENCEMENT ON SITE

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