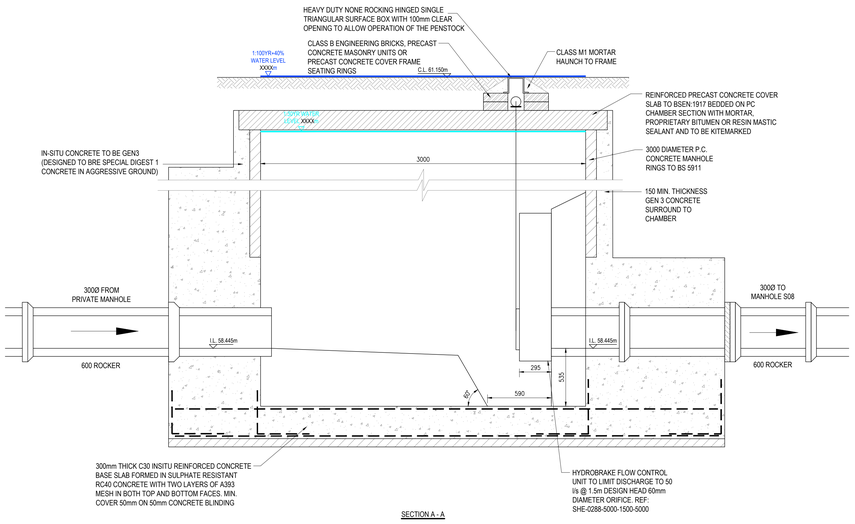
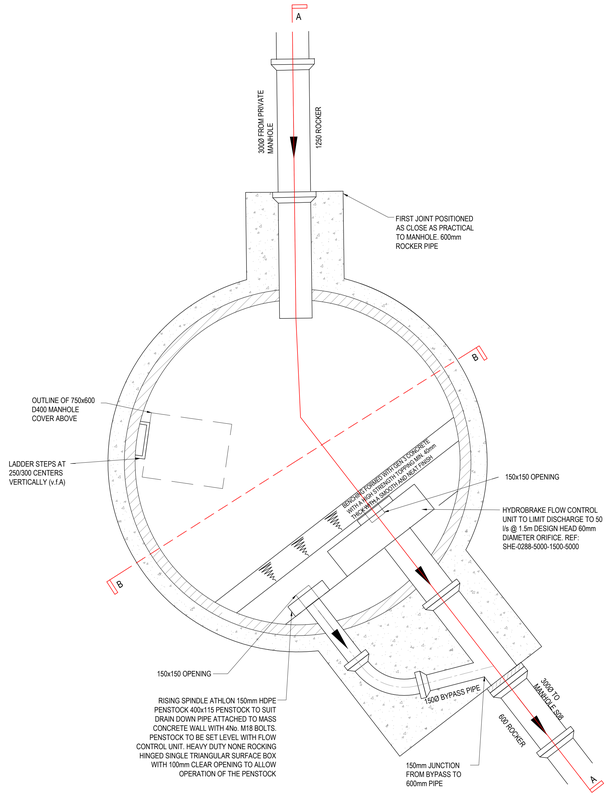


SECTION A - A



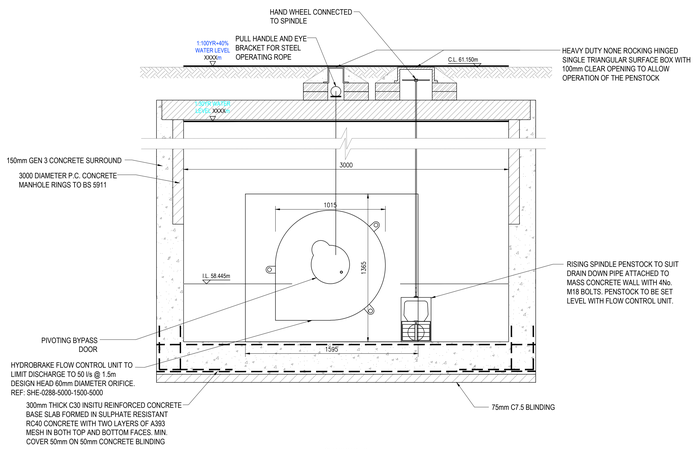
GENERAL NOTES

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 & UU 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 NCCESSARY. 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
8. ALL METERIALS 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
9. 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.
10. 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.
11. 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
13. 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

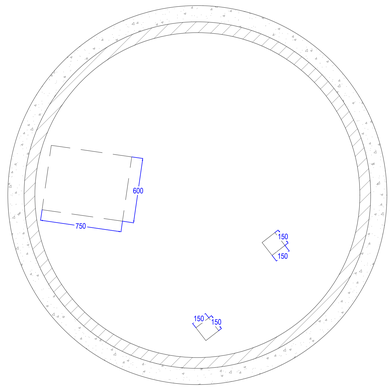
	FOUL	S.W.
HEAD RUN	1 IN 40	1 IN 50
ELSEWHERE	1 IN 80	1 IN 100

14. ALL GULLY CONNECTIONS TO BE 150mm VITRIFIED CLAY UNLESS NOTED OTHERWISE
15. MINIMUM COVER TO DRAINAGE SOFFIT LEVEL: LANDSCAPING 0.600m; TRAFFICKED AREAS 0.900m; HIGHWAYS 1.200m

- CLASS 'S' BEDDING AND SURROUND TO BE USED WHERE MINIMUM COVER IS ACHIEVED.
- WHERE MINIMUM COVER IS NOT ACHIEVED CLASS 'Z' BEDDING AND SURROUND (CONCRETE ENCASEMENT) IS TO BE USED.



SECTION B - B



SLAB OPENING DIMENSIONS

MANHOLE REF	S06	
MANHOLE DIAMETER (mm)	3000	
COVER LEVEL (m)	171.122	
PIPE Ø (mm) | INVERT LEVEL (m)	300	58.445
	300	58.445
MANHOLE TYPE	FLOW CONTROL	
DEPTH TO SOFFIT (m)	2.405	
DEPTH TO CUT-OUT RECESS	N/A	
COVER SIZE (mm)	600 x 600	
COVER DEPTH (mm)	150	
COVER SPEC	D400	
HOLE SIZE IN COVER SLAB	750 x 600 E.O.	
LADDER OR DOUBLE STEPS?	LADDER	
SAFETY CHAIN	NO	
SAFETY RAILS	NO	
INVERT ACCESS STEPS	NO	
ROCKER PIPE LENGTH (mm)	600	
MINIMUM BENCHING WIDTH (mm)	600	
EASTING	387149.287	
NORTHING	399464.298	

ALL PRIVATE CONNECTIONS INTO ADOPTABLE SURFACE WATER MANHOLES WILL BE MADE AT SOFFIT LEVEL

ROCKER PIPES TO BE INSTALLED TO ALL MANHOLES AS DCG AND UU REQUIREMENTS IN TABLE BELOW

REV	DATE	DESCRIPTION	BY	CHK	APP
P02	18.08.2025	AMENDED TO SUIT CONTRACTORS COMMENTS	DT	JCM	KOB
P1	09.06.2025	PRELIMINARY ISSUE	DT	KOB	KOB

DRAWING STATUS: **PRELIMINARY**

CLIENT: KELLEN HOMES

ARCHITECT: KELLEN HOMES

PROJECT: RIVERPARK ROAD MANCHESTER

TITLE: S104 S82 CONTROL MANHOLE DETAIL SHEET 1

STATUS	PROJECT No.	PROJECT	ORIGINATOR	VOL/SYS	LEVEL	TYPE	ROLE	DRAWING No.	REV
S2	224-041	RPM -	AJP -	XX -	00 -	DR -	C -	1101	P02

SCALE @ A0	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
1:20	JCM	MG	JCM	JCM	FEB 2025

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