



GENERAL NOTES

- SETTING OUT SHALL BE UNDERTAKEN USING ONLY THE INFORMATION GIVEN. DISTANCES SHOULD NOT BE SCALED FROM THIS DRAWING.
- ALL SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEWERS FOR ADOPTION 6TH EDITION AND UNITED UTILITIES DETAILS & GUIDELINES.
- THE MINIMUM GRAVITY PIPE DIAMETER UNDER ADOPTABLE HIGHWAYS SHALL BE 150mm.
- 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 CDM REGULATIONS AT ALL TIMES.
- 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 WITHIN ADOPTED HIGHWAY.
- EXISTING FLOWS IN WATERCOURSES, SEWERS AND LAND DRAINS SHALL BE MAINTAINED AT ALL TIMES.
- ONLY TRAINED PERSONNEL SHALL BE PERMITTED TO ENTER CONFINED SPACES.
- ALL MATERIALS 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).
- ALL OPENING NOTICES ETC. AS REQUIRED UNDER HIGHWAYS ACTS ETC. ARE TO BE OBTAINED PRIOR TO APPLICABLE.
- 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.
- A CLASS 5 BED AND SURROUND MUST BE USED FOR SUCH PIPES. TRENCH BACKFILL IN HIGHWAYS TO WITHIN 1M OF HIGHWAY SHALL BE A SUITABLE GRANULAR MATERIAL ALL IN ACCORDANCE WITH SEWERS FOR ADOPTION CL. 4.3.4.
- SUBLEVELS SHALL NOT BE VARIED WITHOUT REFERENCE TO THE ENGINEER FOR GUIDANCE.
- 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
- ALL GULLY CONNECTIONS TO BE 150mm VITRIFIED CLAY UNLESS NOTED OTHERWISE. COMMENCEMENT OF WORKS ARE TO BE INSPECTED BY L.A., WRB OR THE NETWORK OPERATOR AS APPLICABLE.

LEGEND

- PROPOSED SURFACE WATER SEWER MANHOLE
- PROPOSED FOUL WATER SEWER MANHOLE
- PROPOSED COMBINED SEWER MANHOLE
- EXISTING GROUND LEVELS
- EXISTING SURFACE WATER MANHOLE
- EXISTING FOUL WATER MANHOLE
- EXISTING COMBINED WATER MANHOLE
- PROPOSED FOUL 600MM UPVC / 1200MM PCC DRAG OUT MH (TBC WITH UU FIELD INSPECTOR)
- PROPOSED SURFACE WATER 600MM UPVC / 1200MM PCC DRAG OUT MH (TBC WITH UU FIELD INSPECTOR)
- PROPOSED SURFACE WATER CATCH PIT MANHOLE
- PROPOSED FOUL WATER CATCH PIT MANHOLE
- PROPOSED SURFACE WATER DRAIN WITH 450MM INSPECTION CHAMBER
- PROPOSED FOUL WATER DRAIN WITH 450MM INSPECTION CHAMBER
- HIGHWAY GULLY
- FINISHED FLOOR LEVEL
- DISHED CHANNEL (OR SIMILAR)

ALL PRIVATE DRAINAGE POP UP POSITIONS ARE PRELIMINARY AND ARE TO BE REVIEWED ONCE CONFIRMED BY THE ARCHITECT

PRELIMINARY SUBJECT TO CONFIRMATION OF YORKSHIRE WATER AND LLFA . DISCHARGE POINT INTO COMBINED SEWER FROM SITE AT 5L/S MAXIMUM PASS FORWARD FLOW EACH

FINISHED FLOOR LEVELS SET TO ALLOW FOR +/- 500MM CHANGE, SUBJECT TO COMMENT FROM ARCHITECT AND FULL REVIEW OF PART LEVELL M ACCESS REQUIREMENTS

P02	11.08.2021	SITE PLAN UPDATED	JCM	JLS	JLS
P01	31.03.2021	INITIAL ISSUE	JCM	JLS	JLS
REV	DATE	DESCRIPTION	BY	CHK	APP

DRAWING STATUS:	PRELIMINARY
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CLIENT:	CASEY'S
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ARCHITECT:	TADW
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PROJECT:	BROAD OAK, LINTHWAITE
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TITLE:	OUTLINE DRAINAGE LAYOUT
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STATUS:	S2	PROJECT NUMBER:	219-174	DRAWING No:	BRO-AJP-00-ZZ-DR-C-1000	REV:	P02
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SCALE @ A1:	1:500	DESIGNED:	JCM	DRAWN:	JCM	CHECKED:	JLS	APPROVED:	JLS	DATE:	MAY 2020
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