



- KEY:**
- DEVELOPMENT SITE BOUNDARY
 - PROPOSED SURFACE WATER SEWERMANHOLE
 - PROPOSED FOUL WATER SEWERMANHOLE
 - EXISTING SURFACE WATER SEWERMANHOLE
 - PROPOSED RODDING EYE
 - EXISTING SURFACE WATER SEWER TO BE ABANDONED
 - EXISTING UU COMBINED MANHOLE
 - PRIVATE GULLY
 - ACO DRAIN
 - PROPOSED FINISHED FLOOR LEVEL

1. ALL ADAPTABLE WORKS HAVE BEEN DESIGNED AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH 'SEWERS FOR ADOPTION 7TH EDITION' AND UU SUPPLEMENT GUIDELINES AND STANDARD DETAILS.
2. 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.
3. THE CONTRACTOR MAY ELECT TO USE REINFORCED PVC PIPES AS COVERED BY B.S. 4460:2000 & B.S EN 1401-1. STRUCTURED WALL UPVC PIPES TO COMPLY WITH MS 4-350:01 UPTO AND INCLUDING 300mm. (BY PRIOR AGREEMENT WITH ADOPTING AUTHORITY) MAX. PIPE LENGTH TO BE 3.0m.
4. ALL LEVELS RELATE TO TOPOGRAPHICAL SURVEY DATUM.
5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.
6. PLOT DRAINAGE CONNECTIONS TO SEWERS MUST BE 150mm DIAMETER AND UNLESS OTHERWISE STATED LEAD TO THE INVERT SHOWN.
7. LEVELS GIVEN ON DRAUGHT CHAMBERS ARE INCOMING PIPE LEVELS.
8. PLOT DRAINAGE RUNS TO BE KEPT WITHIN THE CURTLAGE OF THE PLOT THEY SERVE WHEREVER POSSIBLE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ANY EXISTING INVERT LEVELS AND EXISTING SITE LEVELS (EXISTING BOUNDARY LEVELS) INDICATED ON DRAWINGS ARE CORRECT BEFORE WORKS COMMENCE.
10. ALL CONNECTIONS TO ADAPTABLE SEWERS SHALL BE MANUFACTURED JOINT. PIPES, SADDLE CONNECTIONS WILL NOT BE PERMITTED, UNLESS SPECIFIED.
11. ALL SEWERS FOR ADOPTION WITH GREATER THAN 1.20m COVER IN ROADS OR 0.8m COVER IN FIELDS SHALL HAVE CLASS 3 GRANULAR BED AND SURROUND.
12. ANY SEWER FOR ADOPTION WITH LESS THAN 1.2m COVER IN ROADS OR 0.8m COVER IN FIELDS SHALL HAVE A MINIMUM OF 150mm ST4 CONCRETE SURROUND. FLEXIBILITY SHALL BE MAINTAINED BY THE PROVISION OF FLEXICELL OR SIMILAR APPROVED JOINT FILLER BREAKS IN THE CONCRETE SURROUND AT EACH PIPE JOINT.
13. 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.
14. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE DRAINAGE AUTHORITY OF THE COMMENCEMENT OF ANY DRAINAGE WORKS AND TO COMPLETE ANY REQUIRED SEWER CONNECTION FORMS INCLUSIVE OF PAYING ANY REQUIRED FEES. THE CONTRACTOR MUST ALLOW FOR THE SUPERVISION OF THE SEWER CONSTRUCTION WORKS BY THE LOCAL AUTHORITY AND NOTIFY THE SUPERVISING OFFICER, GIVING NOTICE WHICH IN ACCORDANCE WORTH THE LA REQUIREMENTS.
15. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO APPLY FOR ANY REQUIRED ROAD OPENING PERMITS WITH THE LOCAL AUTHORITY INCLUDING THE PAYMENT OF ANY FEES.
16. BEFORE COMMENCING ANY WORKS ON SITE, THE CONTRACTOR MUST CONTACT THE RELEVANT STATUTORY UNDERTAKER AND BE IN POSSESSION OF THE LATEST AVAILABLE DRAWINGS FROM THE STATUTORY UNDERTAKERS WHICH SHOWS DETAILS OF THEIR SERVICES APPARATUS. THE CONTRACTOR MUST CONFIRM EXACT LOCATION AND DEPTH OF ANY SERVICES APPARATUS BY THE USE OF ELECTRO-LOCATION OR SIMILAR DEVICES AND BY HAND DUG TRIAL HOLES. MECHANICAL EXCAVATOR, POWER TOOLS ETC. MUST NOT BE USED TO LOCATE EXISTING SERVICES APPARATUS.

ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER PRIOR TO WORKS ONSITE

ALL PIPES TO BE 1000 UNLESS SPECIFIED

ACO connectivity for plots 1-14 revised and all kitchen sinks shown to discharge into back inlet gully as requested by client		08.03.21	LGM/LGM
Foul drainage for plots 1-9 now run back of the properties and additional top point now shown for each kitchen sink as requested by the client		27.09.21	LGM/LGM
ACO added to ramp and pipe material changed to plastic as requested by the client		10.09.21	LGM/LGM

PRELIMINARY

Client: **WATSON HOMES**

Project: **MORRIS STREET BURY MANCHESTER**

By Title: **PRIVATE DRAINAGE LAYOUT**

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Scale	Sheet	Revision	Client	Drawn	Check	Rev
1:250	A1	03.09.21	LGM	OE		C

Drawing No: **ELL21071/MH/L120**

