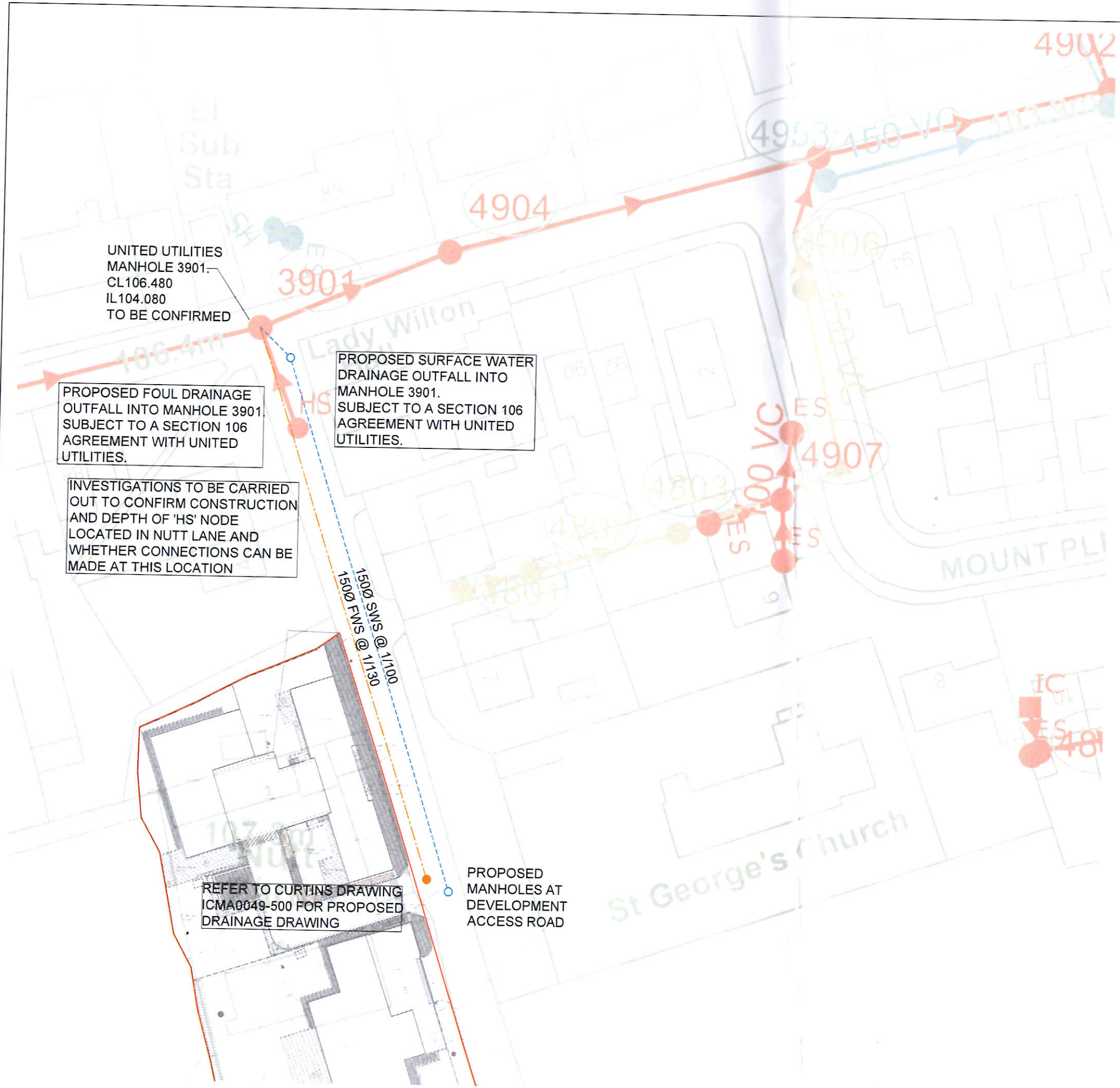


KEY

- EXISTING COMBINED PUBLIC SEWER (APPROXIMATE)
- EXISTING SURFACE WATER PUBLIC SEWER (APPROXIMATE)
- EXISTING FOUL WATER PUBLIC SEWER (APPROXIMATE)
- PROPOSED FOUL WATER DRAINAGE (POTENTIALLY TO BE ADOPTED)
- PROPOSED SURFACE WATER DRAINAGE (POTENTIALLY TO BE ADOPTED)

NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ALL DETAILS AND DIMENSIONS ARE TO BE CHECKED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
3. ALL DIMENSIONS ARE IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE NOTED.
4. DRAINAGE SUBJECT TO APPROVAL FROM BURY COUNCIL AND UNITED UTILITIES.
5. TOPOGRAPHICAL SURVEY IS TO A TEMPORARY BENCH MARK AND THEREFORE ORDNANCE DATUM LEVELS TO BE CONFIRMED.
6. ALL PROPOSED LEVELS ARE ASSUMED AND IN METRES ABOVE ORDNANCE DATUM. PROPOSED LEVELS SHOULD BE CONFIRMED AND CO-ORDINATED WITH THE FINISHED FLOOR LEVELS.
7. PROPOSED FINISHED FLOOR LEVELS TO BE CONFIRMED.
8. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
9. DO NOT SCALE THIS DRAWING. ALL DETAILS AND DIMENSIONS ARE TO BE CHECKED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
10. THE CONTRACTOR MAY WISH TO SURVEY ALL EXISTING DRAINAGE PRIOR TO COMMENCEMENT TO CONFIRM LOCATION AND CONDITION OF EXISTING DRAINAGE. POTENTIAL PRE-CLEANSING TO BE UNDERTAKEN IN ORDER TO FACILITATE SURVEY IF REQUIRED.
11. ALL EXISTING SERVICES TO BE LOCATED PRIOR TO COMMENCEMENT OF ANY DRAINAGE WORKS. AND WHERE NECESSARY PROTECTION OR DIVERSIONS TO BE UNDERTAKEN TO AVOID CONFLICT WITH THE PROPOSED WORK.
12. ALL SOFT SPOTS TO BE REMOVED FROM BOTTOM OF EXCAVATIONS AND TO BE REFILLED TO FORMATION LEVEL WITH THE SAME MATERIAL AS PERMANENT WORKS WHICH REST IN IT.
13. ALL ADOPTABLE DRAINAGE WORKS INCLUDING WORKS TO EXISTING PUBLIC SEWERS TO BE UNDERTAKEN IN ACCORDANCE WITH "SEWERS FOR ADOPTION 7th EDITION" AND "CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY 7th EDITION" AND CONSTRUCTED TO THE RELEVANT STATUTORY UNDERTAKERS DETAILS.
14. ALL ADOPTABLE DRAINAGE PIPES WILL REQUIRE A MINIMUM OF 1200mm COVER. IN ACCORDANCE WITH SEWERAGE UNDERTAKERS REQUIREMENTS.
15. ALL PRIVATE DRAINAGE WORKS TO BE IN ACCORDANCE WITH "CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY 7th EDITION". BS EN 752 2008 'DRAIN AND SEWER SYSTEMS OUTSIDE BUILDINGS' AND THE BUILDING REGULATIONS APPROVED 'DOCUMENT H'.
16. ALL PRIVATE DRAINAGE PIPES WITH A COVER OF LESS THAN 300mm IN NON-TRAFFICKED AREAS AND LESS THAN 900mm IN TRAFFICKED AREAS TO BE BEDDED AND SURROUNDED IN GEN1 CONCRETE. COMPRESSIBLE MATERIAL SHALL BE PROVIDED AT EVERY PIPE JOINT WHERE COVER EXCEEDS THIS. PIPES ARE TYPICALLY BEDDED AND SURROUNDED IN CLASS S. REFER TO PIPE EMBEDMENT DETAIL DRAWING FOR SPECIFIC TYPES.
17. COVER LEVELS, GULLY POSITIONS, AND BUILDING LOCATION ARE APPROXIMATE AND SHALL BE CONFIRMED BY ARCHITECT/LANDSCAPE ARCHITECT. CONTRACTOR TO ALLOW FOR ADJUSTMENT TO SUIT AGREED POSITIONS AND FINISHED LEVELS. AND CONFIRM ALL COVER LEVELS ON SITE.
18. ALL NEW CONNECTIONS INTO EXISTING MANHOLES (OR INTO EXISTING SEWERS) TO BE 'SOFFITS LEVEL' UNLESS OTHERWISE NOTED.
19. DRAINS WITH A COVER OF LESS THAN 900mm OR BENEATH BUILDING FOOTPRINT TO BE LAID WITH A MINIMUM 150mm CLASS GEN 3 CONCRETE BED AND SURROUND.
20. FOR GRAVITY SEWERS, ALL DRAINAGE AND FITTINGS TO BE FLEXIBLY JOINTED
 UPVC TO BS EN 1401-1
 CLAYWARE TO BS EN 295
 CONCRETE TO BS 5911-100
21. A FLEXIBLE JOINT SHALL BE PROVIDED AS CLOSE AS FEASIBLE TO THE OUTSIDE FACT OF ANY STRUCTURE INTO WHICH A PIPE IS BUILT COMPATIBLE WITH THE SATISFACTORY COMPLETION AND SUBSEQUENT MOVEMENT OF THE JOINT.
22. RWP, SOIL STACK AND VENT PIPE POSITIONS ARE ASSUMED AND TO BE PROVIDED BY ARCHITECT.
23. ALL ACCESS FITTINGS, STACKS AND GULLYS TO BE RODDABLE.
24. ALL UNDERGROUND FOUL DRAINAGE SHOULD BE SUITABLY VENTED AT OR NEAR TO THE HEAD OF RUNS.
25. BACKFILL TO DRAINAGE TRENCHES UNDER HARDSTANDING AREAS TO BE TYPE 1 SUB BASE MATERIAL. ELSEWHERE BACKFILL TO BE FREE DRAINING READILY COMPATIBLE MATERIAL FREE FROM RUBBISH AND ORGANIC MATTER. FROZEN SOIL CLAY LUMPS AND LARGE STONES. TO BE COMPACTED IN LAYERS NOT EXCEEDING 150mm THICK.
26. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT PIPES ARE ADEQUATELY PROTECTED FROM CONCENTRATED LOADING BY CONSTRUCTION TRAFFIC DURING THE CONSTRUCTION PERIOD.
27. CONNECTIONS TO EXISTING PUBLIC SEWERS WILL BE SUBJECT TO SECTION 106 APPROVALS FROM UNITED UTILITIES.
28. ALL DRAINS TO BE CCTV SURVEYED ON COMPLETION OF THE WORKS.

Rev	Description	Date	By	Chkd
A	Updated to suit further discussions with United Utilities	02/10/15	CG	AD

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Status	PRELIMINARY
Project	Nutt Farm Prestwich
Drg Title	Proposed Drainage Outfall Routes

Scale	Size	First Issue	Drawn	Checked
1:250	A1	24.09.15	CG	AD

Drg No	Rev
ICMA0049/501	/

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