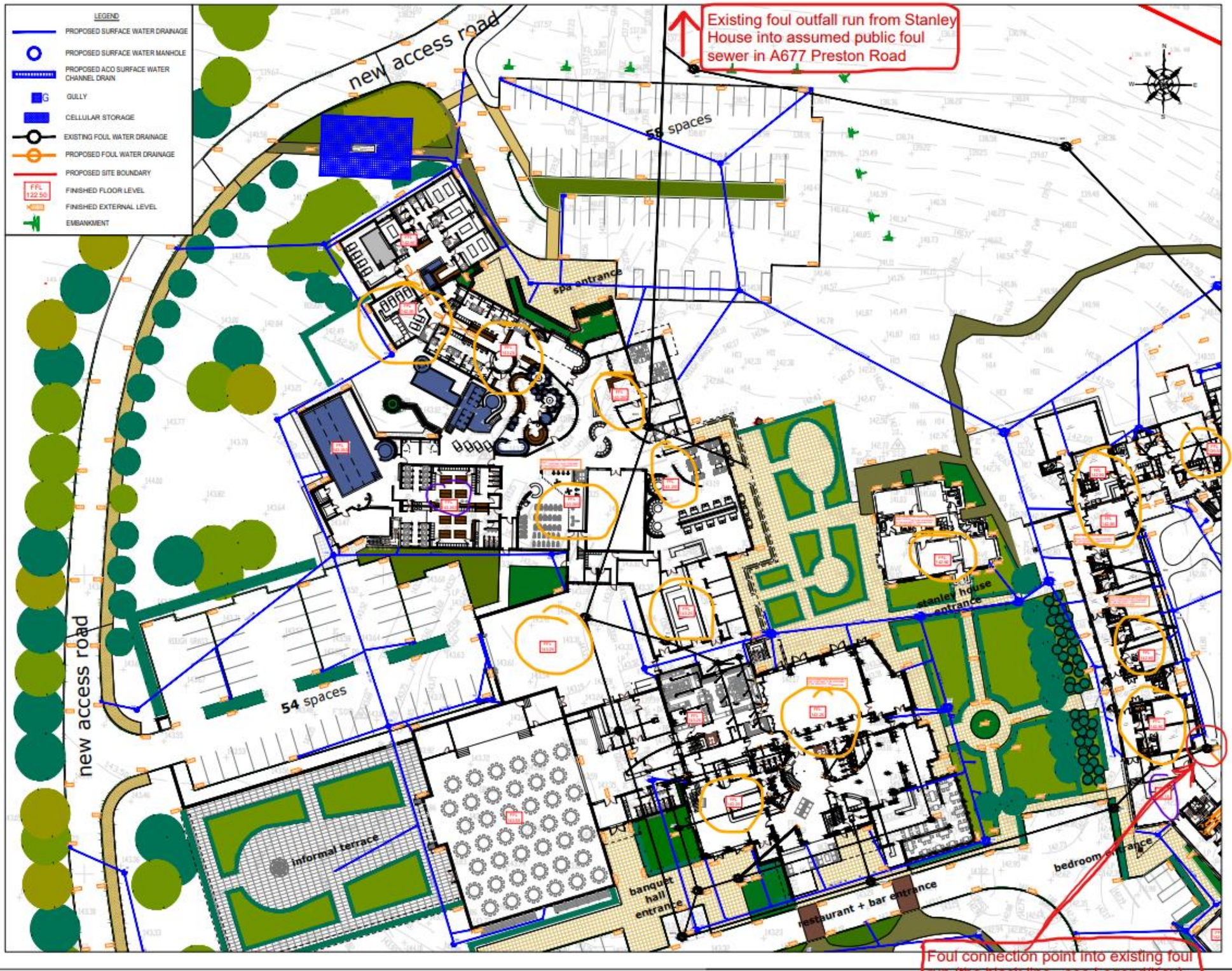

GENERAL NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DETAILS.
2. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT BRITISH STANDARDS, CODES OF PRACTICE, BUILDING REGULATIONS AND WITH SEWERS FOR ADOPTION 6TH EDITION GUIDANCE.
3. THE EXACT POSITION, LEVELS, SIZE AND USE OF EXISTING SEWERS TO BE CONFIRMED ON SITE, ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORKS.
4. ALL UNCOVERED AND SHALLOW PIPEWORK TO BE PROTECTED AGAINST CONSTRUCTION TRAFFIC AS PART OF THE CONTRACTORS TEMPORARY WORKS REQUIREMENTS.
5. COVER LEVELS SHOWN ARE APPROXIMATE ONLY, SUBJECT TO THE ARCHITECTS EXTERNAL WORKS AND LANDSCAPING SCHEME.
6. ALL CONNECTIONS TO ROAD GULLIES AND CHAMBERS SHALL BE 225mm NOMINAL BORE PIPEWORK, CONNECTIONS TO PIPES TO BE 150mm NOMINAL BORE PIPEWORK SUBJECT TO CONFIRMATION OF PIPE SIZES AND/OR DESIGN FLOWS, NO PIPE WORK TO BE DOWNSIZED IN THE DIRECTION OF FLOW.
7. CONNECTIONS TO POSA TERMINALS FITTINGS TO BE 150mm NOMINAL BORE PIPEWORK SUBJECT TO CONFIRMATION OF ABOVE GROUND PIPE DIAMETERS AND/OR DESIGN FLOWS, NO PIPE WORK TO BE DOWNSIZED IN THE DIRECTION OF FLOW.
8. ALL PIPEWORK TO BE VITRIFIED CLAY UNLESS OTHERWISE NOTED.
9. ALL PIPES CONNECTING TO ADOPTED MANHOLES UP TO AND INCLUDING 900MM DIA. TO BE VITRIFIED CLAY.
10. ALL PIPES CONNECTING TO ADOPTED MANHOLES GREATER THAN 900MM DIA. TO BE CONCRETE.
11. ALL PIPEWORK ENTERING AND EXISTING MANHOLES TO BE CONNECTED WITH PIPE ADAPTOR FLEXIBLE JOINTS.
12. PRE-FORMED CHANNELS TO BE USED AT ALL MANHOLES.
13. HIGH STRENGTH CONCRETE BENCHING TO BE STEEL TROWELLED TO A CRISP SMOOTH FACE AND FLOATED AND FINISHED TO ALL BRANCH CONNECTIONS AND LAID IN ACCORDANCE WITH THE SPECIFICATION.
14. PIPE BENDS TO BE PROVIDED TO SUIT DIRECTION OF FLOW.
15. ALL MANHOLE COVERS AND FRAMES TO BE DUCTILE IRON HEAVY DUTY GRADE D400 DOUBLE TRIANGULAR TO BS EN 124 UNLESS OTHERWISE NOTED. COVERS TO BE LABELLED FW AND SW AS APPROPRIATE.
16. GULLY TOPS AND MANHOLE COVERS TO BE PROVIDED IN ACCORDANCE WITH BS EN 124.
17. ALL MANHOLE COVERS LOCATED INTERNALLY TO BE RECESSED, DOUBLE SEAL, AIRTIGHT TYPE, ALUMINIUM OR STEEL, RECESS DEPTH TO ARCHITECTS REQUIREMENTS TO SUIT FINISHES ETC.
18. ALL NEW DRAINAGE TO BE CONSTRUCTED ADJACENT NEW AND PROPOSED TREE PLANTING TO BE PROTECTED AGAINST ROOT ACTIVITY USING ROOTSTOP PROTECTION, ROOT BARRIER MATERIAL BY GREEN TECH ALL IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
19. FIRST FLEXIBLE JOINT IMMEDIATELY ADJACENT TO A MANHOLE SHALL BE 600MM MAX. FROM INSIDE FACE OF MANHOLE. CONNECTING TO ROCKER PIPE. FOR PIPE DIAMETERS 150MM - 450MM THE ROCKER PIPE LENGTH SHALL BE 500MM - 750MM AND FOR PIPE DIAMETERS 450 MM - 675MM THE ROCKER PIPE LENGTH SHALL BE 750MM - 1000MM.
20. MANHOLES WITH OU TO CKE PIPES GREATER THAN 600MM DIA. SHALL BE FITTED WITH GUARD RAILS, BAFFLE CHAINS OR OTHER APPROVED SAFETY DEVICES.
21. WHERE THE FORMATION OF A PIPE TRENCH IS ABOVE ORIGINAL GROUND LEVEL, LEVELS ARE TO BE MADE UP WITH COMPACTED STP TYPE 3 MATERIAL OR BETTER.
22. ALL PIPES TO DRAIN WHICH FALL TOWARDS A PUBLIC HIGHWAY AND EXCEED TWO PIPEWORK BAYS IN AREA ARE TO BE PROVIDED WITH A SUITABLE GULLY OR DRAINAGE CHANNEL TO PREVENT WATER DISCHARGING ONTO THE HIGHWAY.
23. ALL BURIED CONCRETE MUST CATER FOR CLASS 2 SULPHATES CONDITIONS IN ACCORDANCE WITH TABLE 1 OF BRE DIGEST 365.
24. CONCRETE PROTECTION SHALL BE PROVIDED TO ALL PIPES WITH LESS THAN 300MM COVER IN PEDESTRIAN AREAS, TO ALL PIPES WITH LESS THAN 600MM COVER IN PRIVATE DRIVEWAYS NOT USED BY COMMERCIAL VEHICLES, AND TO ALL PIPES WITH LESS THAN 1200MM COVER IN ROADS OR PRIVATE DRIVEWAYS USED BY COMMERCIAL VEHICLES. WHERE CONCRETE SURROUND IS SPECIFIED FLEXIBILITY OF JOINTS IS TO BE MAINTAINED BY USING COMPRESSIBLE BITUMEN IMPREGNATED FIBREBOARD ATTACH POINT.

NOTES:

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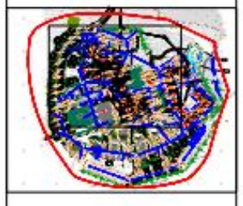

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No.	Amendments	Date By

Revisions

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Client:
MONTE BLACKBURN LTD.

Project:
STANLEY HOUSE HOTEL AND SPA
MELLOR, LANCASHIRE,
BB2 7NP

Title:
DRAINAGE STRATEGY PLAN
(SHEET 1 of 3)

At original size A1

Status	Drawn By	Date	Scale
PRELIMINARY	RCTS	31.07.2023	1:200

Drawing No.: LM_23004-100 Rev: P1