1. DRAWING ISSUED FOR PLANNING PURPOSES ONLY. FURTHER TO APPROVAL FROM PLANNING, LOCAL AUTHORITY, SEWERAGE UNDERTAKER, ENVIRONMENT AGENCY AND ANY OTHER GOVERNING PARTIES. FOLLOWING RECEIPT OF FURTHER INFORMATION AND COMMENTS THE SCHEME MAY BE REVISED.
2. ALL SETTING OUT IS TO BE BASED ON ARCHITECT'S INFORMATION UNLESS OTHERWISE STATED.
3. THE LOCATION AND LEVEL OF ALL EXISTING SERVICES ARE TO BE IDENTIFIED PRIOR TO CONSTRUCTION AND THE ENGINEER ADVISED OF ANY CLASHES.
4. ALL EXTERNAL DRAINAGE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DESIGN AND CONSTRUCTION GUIDANCE TOGETHER WITH THE SEWERAGE UNDERTAKES REQUIREMENTS.
5. S106 / S104 APPROVAL REQUIRED PRIOR TO ANY CONNECTIONS WORKS TO PUBLIC SEWER.
6. ALL CONCRETE TO DRAINAGE, MANHOLE BASES, SURROUNDS ETC. TO BE IN ACCORDANCE WITH THE BRE SPECIAL DIGEST 1 - CONCRETE IN AGGRESSIVE GROUND. REFER TO SITE INVESTIGATION REPORT FOR SULPHATE REQUIREMENTS.
7. ALL PIPES SHALL BE CLAY TO BS EN 295 OR CONCRETE TO BS 5911 UNLESS OTHERWISE STATED. PLASTIC PIPES MAY BE USED SUBJECT TO THE APPROVAL OF THE SEWERAGE UNDERTAKER AND SUITABILITY OF GROUND CONDITIONS.
8. DRAINAGE LAID BENEATH ROADS AND CAR PARKS WITH LESS THAN 1200mm OF COVER TO HAVE REINFORCED CONCRETE SLAB INSTALLED ABOVE TO PROVIDE PROTECTION MEASURES. ALL OTHER DRAINAGE WITH LESS THAN 600mm OF COVER TO BE SIMILARLY TREATED.
9. RIGID PIPES SHOULD BE BEDDED ON CLASS S GRANULAR BEDDING UNLESS COVER IS LESS THAN 1.2m IN TRAFFICKED AREAS AND LESS THAN 900mm IN SOFT AREAS, THEN CLASS Z CONCRETE BEDDING TO BE USED.
10. NO SEWER SHOULD BE LAID LOWER THAN A 45 DEGREE LINE DRAWN FROM THE BOTTOM CORNER OF AN ADJACENT FOUNDATION. WHERE PIPE FALLS WITHIN ZONE OF INFLUENCE FOUNDATIONS TO BE REVIEW TO PREVENT ANY LOADING ON PIPE WORK
11. ALL GULLIES, REST BENDS, RODDING EYES, ETC. TO BE SURROUNDED BY MASS CONCRETE ST4.
12. DRAINAGE TO BE INSTALLED AND TESTED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS PRINTED INSTRUCTIONS, BS EN 752, BS 8000 AND LOCAL AUTHORITY BYLAWS.
13. ALL BRANCHES TO MAIN DRAINS TO BE SET AT 135°. LONG RADIUS BENDS USED THROUGHOUT. ALL TAPERS AND REDUCERS ALONG THE HORIZONTAL PLANE TO BE LEVEL SOFFITS.
14. ALL FOUL WATER RUNS BELOW BUILDING TO HAVE RODDABLE ACCESS POINTS AT OUTLET LOCATIONS ABOVE FLOOR SLAB.
15. ON COMPLETION OF THE DRAINAGE WORKS (OR SECTIONS OF THE WORKS) THE CONTRACTOR TO SURVEY ALL PIPEWORK (ROLLING BALL TEST, CCTV AND PROVIDE RECORDS TO DEMONSTRATE THAT THE PIPEWORK HAS A UNIFORM FALL IN THE DESIGNED DIRECTION, IS STRAIGHT AND ROUND AND THAT NO OBSTRUCTIONS ARE PRESENT.
16. ALL FOUL WATER MANHOLE COVERS TO BE SEALED TO PREVENT INGRESS OF SURFACE WATER AND EGRESS OF FOUL ODOURS.
17. ALL DRAINAGE SYSTEMS TO BE CLEANED OUT PRIOR TO HANDOVER INCLUDING CATCHPITS, PERMEABLE SURFACES, SUMPS, INTERCEPTORS, CHANNELS AND MAINTENANCE OF ALL MOTORS, PUMPS AND ALARMS. DEBRIS SHOULD BE PREVENTED FROM ENTERING THE DRAINAGE NETWORK.
18. DRAINAGE CHANNEL DESIGN TO BE UNDERTAKEN BY MANUFACTURER PRIOR TO CONSTRUCTION.
19. ALL MANHOLE AND DRAINAGE CHANNEL COVERS SHALL COMPLY WITH BS EN 124. MANHOLE COVERS WITHIN BLOCK PAVED AREAS AND BUILDINGS SHALL BE RECESSED.
20. VENTILATION SHALL BE PROVIDED AT THE HEAD OF FOUL DRAINAGE RUNS. ACCESS FOR RODDING / JETTING SHALL BE PROVIDED TO ALL SOIL AND RAINWATER DOWNPIPES ABOVE FINISHED FLOOR LEVEL.
21. FOR SETTING OUT OF SOIL AND RAINWATER DOWNPIPES SEE ARCHITECT'S DRAWINGS.
22. ALL PIPES WITHIN THE BUILDING FOOTPRINT ARE TO BE A MINIMUM OF 100mm AND TO BE LAID AT A GRADIENT AT LEAST 1:40 UNLESS STATED OTHERWISE ON THIS DRAWING.
23. ADDITIONAL DRAINAGE MAY CROSS THE SITE AND DUE TO CHANGES IN LEGISLATION IN OCTOBER 2011, THESE FORMER PRIVATE SEWERS MAY NOW BE THE RESPONSIBILITY OF THE SEWERAGE UNDERTAKER, BUT MAY NOT BE SHOWN ON THEIR RECORDS.
24. COVERS SHALL BE ADJUSTED TO MATCH SURROUNDING FINISH LEVELS.
25. THE CONTRACTOR SHALL PROTECT EXISTING BURIED PIPES AND TREE ROOTS FROM DAMAGE CAUSED BY LOADS IMPOSED BY CONSTRUCTION PLANT.
26. LEVELS OF EXISTING DRAINAGE TO BE CHECKED AND CONFIRMED TO THE ENGINEER PRIOR TO STARTING DRAINAGE WORKS.
27. ALL ROADS SHALL BE DRAINED BY TRAPPED GULLIES OR KERB CHANNEL UNITS. ALL BUILDING EXTERNAL AREAS SHALL BE DRAINED BY TRAPPED GULLIES OR CHANNEL UNITS. RUNOFF FROM ALL EXTERNAL SERVICE YARDS SHALL BE TREATED EITHER VIA PETROL/OIL INTERCEPTOR OR SUSTAINABLE DRAINAGE METHODS AS APPROPRIATE PRIOR TO DISCHARGE.
28. ANY FIELD DRAINAGE AFFECTED BY THE WORKS SHALL BE MADE GOOD AND OUTFALLS MAINTAINED.
29. SHOULD ANY SEWER BE FOUND DURING CONSTRUCTION WORKS, AN INVESTIGATION OF THE SEWER WILL BE REQUIRED TO ASCERTAIN ITS CONDITION, THE NUMBER OF PROPERTIES SERVED, AND POTENTIAL MEANS OF ACCESS BEFORE ANY FURTHER WORKS COMMENCE ON SITE DRAINAGE WORKS TO START AT THE OUTFALL CONNECTION AND WORK UPSTREAM.
30. ANY DISCREPANCIES OF EXISTING INVERT LEVELS TO BE REPORTED IMMEDIATELY AS THIS MAY ALTER THE DESIGN.
31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL TIE-INS FOR LINE AND LEVEL WITH EXISTING FOUL AND SURFACE WATER SYSTEMS BEFORE COMMENCING ANY WORKS.
32. ALL DRAINAGE WORK IS TO BE STRICTLY IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING REGULATIONS 2015, APPROVED DOCUMENT PART H, "DRAINAGE AND WASTE DISPOSAL".
33. ALL EXISTING LAND DRAINS ENCOUNTERED ON SITE DURING CONSTRUCTION ARE TO BE RE-CONNECTED.
34. TEMPORARY PROTECTION TO BE PROVIDED TO DRAINAGE WORK DURING CONSTRUCTION AS NECESSARY.
35. PRIOR TO COMMENCING WORK ON THE DRAINAGE, ALL EXISTING DRAINS, SEWERS MANHOLES AND OUTFALLS TO REMAIN SHALL BE LOCATED, IDENTIFIED AND A CCTV CONDITION SURVEY CARRIED OUT. WHERE NECESSARY, PROTECTION TO THE EXISTING DRAINAGE INFRASTRUCTURE SHALL BE PROVIDED.
36. ALL EXISTING SEWERS AND MANHOLES ABANDONED DUE TO THE PROPOSED WORKS ARE TO BE EITHER REMOVED, AND SUITABLY BACKFILLED OR GROUTED UP
37. ALL PIPES TO BE 100 OR 110MM DIA. AND LAID AT 1 IN 80 UNLESS STATED OTHERWISE.
38. ALL CONCRETE IS TO BE IN ACCORDANCE WITH BS EN 206-1, BS 8500 AND THE RECOMMENDATIONS OF BRE SPECIAL DIGEST (CONCRETE IN AGGRESSIVE GROUND).
39. UNLESS SPECIFIED OTHERWISE, IN SITU CONCRETE SHALL BE DESIGNATED MIX GEN 3 (GRADE C20), OR AN EQUIVALENT MIX SUBJECT TO THE APPROVAL OF THE ENGINEER.
40. THE FOLLOWING TYPES OF PIPE MAY BE USED UNLESS NOTED OR AGREED OTHERWISE;
41. PIPES UP TO 300MM DIAMETER TO BE STRUCTURED WALLED TO BS EN 13476, POLYPROPYLENE TO BS EN 1852, PVC-U TO BS EN 1401 OR VITRIFIED CLAY TO BS EN 295.
42. PIPES OVER 300MM DIAMETER TO BE CONCRETE TO BS 5911, STRUCTURED WALLED TO BS EN 13476, POLYPROPYLENE TO BS EN 1852 OR PVC-U TO BS EN 1401.
43. BOTH CLAY AND CONCRETE PIPES SHALL BE STRENGTH CLASS 120 (100/150MM MIN CRUSHING STRENGTH 28KN/M). THERMOPLASTIC PIPES SHALL HAVE A MINIMUM RING STIFFNESS OF SN4.
44. PIPES WHICH RUN ADJACENT TO BUILDINGS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH PART H, CLAUSES 2.23 TO 2.25. DIAGRAMS 7 AND 8 ARE OF PARTICULAR RELEVANCE AND SHALL BE COMPLIED WITH.
45. PIPES PENETRATING WALLS.
AN OPENING IS TO BE FORMED THROUGH WALLS TO GIVE PIPES AT LEAST 50MM CLEARANCE ALL ROUND. BRICKWORK OVER SHALL BE SUPPORTED BY A LINTEL. OPENING TO BE MASKED EACH SIDE WITH RIGID SHEET MATERIAL. PIPES EMBEDDED IN WALLS SHALL HAVE JOINTS FORMED WITHIN 150MM OF EITHER WALL FACE. ADJACENT ROCKER PIPES OF MAX 600MM LENGTH WITH FLEXIBLE JOINTS SHALL CONTINUE THE PIPEWORK.
46. ALL PIPES BENEATH BUILDINGS TO BE B&S IN CONCRETE. WHERE COVER IS LESS THAN 300MM THE CONCRETE IS TO BE CAST INTEGRALLY WITH THE FLOOR SLAB.
47. ALL DRAINS IN THE VICINITY OF EXISTING OR PROPOSED TREES TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF NHBC PRACTICE NOTE 3.
48. VENTILATION SHALL BE PROVIDED AT THE HEAD OF THE FOUL DRAINAGE RUNS.
49. THE FIRST FLEXIBLE JOINT IN PIPES ADJOINING A MANHOLE SHALL BE A MAXIMUM LENGTH OF 600MM FROM THE INSIDE FACE OF THE MANHOLE, CONNECTING TO A ROCKER PIPE. THE LENGTH OF THE ROCKER PIPE SHALL BE AS FOLLOWS;

PIPE DIA	LENGTH OF ROCKER PIPE
150-600MM	600MM
675-750MM	1000MM
OVER 750MM	1250MM

50. ALL MANHOLES AND INSPECTION CHAMBERS SITUATED IN AREAS SUBJECT TO VEHICULAR LOADING TO HAVE CLASS D400 COVERS AND FRAMES TO BS EN124 AND THOSE NOT SUBJECT TO VEHICULAR LOADING MAY HAVE CLASS B125 COVERS AND FRAMES.
51. MANHOLES LOCATED WITHIN BLOCK PAVED AREAS TO HAVE 150MM DEEP COVER FRAMES AND BEDDED SUITABLE FOR THE SIZE OF BLOCKS IN USE. THE CONCRETE HAUCHING IS NOT TO BE BROKEN OUT TO ALLOW FOR BLOCK PAVING INSTALLATION.
52. DRAINAGE FRAMES MUST BE TIED TO MANHOLE RISERS BY USE OF MANUFACTURERS TIES (EG. POLYPIPE REF FRK500 FIXING KIT AND FRK501 BLACK TIES.) THE GROUND WORKS CONTRACTOR WILL BE HELD FULLY RESPONSIBLE FOR ANY ACCIDENTS DUE TO INCORRECT FITTING OR FAILURE TO USE THE CORRECT MANUFACTURERS FIXING EQUIPMENT.
53. COVER LEVELS FOR MANHOLES ARE APPROXIMATE ONLY AND SHOULD BE ADJUSTED TO MATCH SURROUNDING LEVELS.
54. ALL WORKS TO SEWERS/ MANHOLES BEING OFFERED FOR ADOPTION OR ON EXISTING PUBLIC SEWERS SHOULD BE IN ACCORDANCE WITH "SEWERS FOR ADOPTION, CURRENT EDITION" AND THE ADOPTING WATER AUTHORITY'S RECOMMENDATIONS
55. REQUIREMENT FOR LAND DRAINS TO BE ASSESSED ON SITE BY THE SITE MANAGER
56. ROAD GULLIES SHALL BE TRAPPED 450Ø X 900MM DEEP WITH CLASS D 400 FRAME AND GRATING TO BS EN 124.
57. ALL MANHOLES, PIPE TRENCHES ETC. TO BE BACKFILLED WITH IMPORTED GRANULAR FILL TO CLASS 6F1-6F5 (CAPPING MATERIAL) TO (SHW) TABLE 6/1 & COMPACTED IN ACCORDANCE WITH TABLE 6/4.
58. ALL PIPELINES SHALL BE TESTED BOTH BEFORE AND AFTER BACKFILLING, USING EITHER AIR TEST OR WATER TEST, IN ACCORDANCE WITH BS EN 1610.
59. ALL PIPES, CHAMBERS AND FITTINGS SHALL BE INSTALLED, BEDDED AND BACKFILLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS SUBJECT TO THE FOLLOWING MINIMUM REQUIREMENTS TABLE.

Location	Cover to crown	Bedding Clay/Concrete Pipe*	Bedding Plastic Pipe	Backfill
Roads (HGV)	>1.2m <1.2m	Class S Class 'A' (Concrete)	Class S (S1or2) Class 'A' (Concrete)	Type 1 Granula
Drives / car parking	>0.9m <0.9m	Class S Class 'A' (Concrete)	Class S (S1or2) Class 'A' (Concrete)	Type 1 Granular
Hard and soft Landscaping	>0.6m <0.6m	Class S Class 'A' (Concrete)	Class S (S1or2) Class 'A' (Concrete	Suitable as dug material



0m 10 20 30 40 50
Scale 1:500

PRELIMINARY

SUBJECT TO SECTION 104 APPROVAL NOT FOR CONSTRUCTION

NOTES:

1. IF SUB-GRADE MATERIAL IS FROST SUSCEPTIBLE THE FULL CARRIAGEWAY CONSTRUCTION THICKNESS IS TO BE NO LESS THAN 450 MM.
2. THE DEVELOPER SHALL TAKE CBR TEST OF ROAD FORMATION LEVELS AND RESULTS TO BE MADE AVAILABLE TO THE ENGINEER FOR APPROVAL.
3. IF CBR VALUES ARE LESS THAN 2% THEN THE ADVICE OF THE ENGINEER MUST BE SOUGHT.
4. THIS DRAWING IS SUBJECT TO APPROVAL BY THE ADOPTING LOCAL AUTHORITY, ANY WORKS UNDERTAKEN PRIOR TO GRANTING OF APPROVAL IS CARRIED OUT AT RISK TO OTHERS.
5. BEFORE WORK COMMENCES THE CONTRACTOR SHOULD LIAISE WITH ALL STATUTORY UNDERTAKERS TO DETERMINE THE EXACT LOCATIONS OF ALL APPARATUS AND TAKE ALL PRECAUTIONS DEEMED NECESSARY TO LOCATE, PROTECT AND WHERE NECESSARY DIVERT SUCH EQUIPMENT.
6. ALL HIGHWAY WORKS ARE TO BE CARRIED OUT TO THE REQUIREMENTS AND FULL SATISFACTION OF THE ADOPTING LOCAL AUTHORITY
7. TARMAC ROAD CONSTRUCTION TO COMPLY WITH BS.EN.130108
8. SAFE PASSAGE FOR PEDESTRIANS SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION PERIOD.
9. ALL CROSSING POINTS TO BE IN ACCORDANCE WITH DFT 'GUIDANCE ON THE USE OF TACTILE PAVING SURFACES'.
12. APPROVED WEEDKILLER TO BE APPLIED AS RECOMMENDED TO FOOTWAY FORMATION AND SUB-BASE. APPLICATION BY TRAINED OPERATIVE WEARING PPE AND COMPLYING WITH COSHH REQUIREMENTS.
13. ANY SOFT SPOTS DISCOVERED AFTER PROOF ROLLING SHALL BE REMOVED AND REPLACED WITH SUITABLE ENGINEERING FILL.
14. NEW ROAD LEVELS TO TIE IN SMOOTHLY WITH EXISTING ROAD. LEVELS TO BE CONFIRMED PRIOR TO CONSTRUCTION AND REPORTED TO THE ENGINEER.
15. ALL GULLY AND CHANNEL GRATING IN SHARED SURFACES AND FOOTWAYS TO BE PEDESTRIAN FRIENDLY

ALL ADOPTABLE DRAINAGE MUST BE LAID IN ACCORDANCE WITH DESIGN AND CONSTRUCTION GUIDANCE CURRENT EDITION, TOGETHER WITH THE SEWERAGE UNDERTAKER'S REQUIREMENTS

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DESIGN DRAWINGS AND OTHER INFORMATION

KEY

- SITE BOUNDARY
- LAND BOUNDARY TO BE TRANSFERRED TO ICOSA
- S104 SURFACE WATER SEWER AND MANHOLE
- SURFACE WATER GULLY
- S104 FOUL WATER SEWER AND MANHOLE
- EASEMENT
- HEADWALL
- FOUL WATER LATERAL
- SURFACE WATER LATERAL
- PROPOSED FLOW CONTROL CHAMBER
- FOUL WATER RISING MAIN
- CELLULAR ATTENUATION TANK
- PERMEABLE BLOCK PAVING CONSTRUCTION REFER TO DRAING NO HTF-PPC-00-XX-DR-C-1150 FOR FURTHER DETAILS

GENERAL NOTES

1.1. THIS DRAWING IS COPYRIGHT AND SHOULD NOT BE REPRODUCED IN WHOLE OR PART WITHOUT THE WRITTEN CONSENT OF PPCE GROUP LTD.

1.2 DO NOT SCALE FROM THIS DRAWING.
1.3. ALL DIMENSIONS TO BE CHECKED ON SITE AND CO-ORDINATE WITH RELEVANT ARCHITECT'S DRAWINGS. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.
1.4. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
1.5. ALL LEVELS IN METRES.
1.6. SIZES HEREON SHALL NOT BE MODIFIED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.
1.7. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS DRAWINGS & SPECIFICATIONS.
1.8. DRAWING BASED 40963 008L Proposed Layout PROVIDED BY CLIENT 05/7/23
1.9. THE DESIGN DETAILS PRESENTED MUST BE REVIEWED IN CONJUNCTION WITH THE WIDER SITE INFORMATION AND SITE CONSTRAINTS WHICH MAY NOT BE EVIDENT ON DRAWING AND MUST BE REQUESTED IF NOT ALREADY PROVIDED. THIS INCLUDES, BUT NOT LIMITED TO, GROUND CONDITIONS (GEOTECHNICAL AND GEO-ENVIRONMENTAL), GROUNDWATER LEVELS, BURIED SERVICES, REMNANT OBSTRUCTIONS, ECOLOGY, TREE PROTECTION AND TOPOGRAPHY.
1.10. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY, IN WRITING, SHOULD ANY ERRORS OR DISCREPANCIES BE FOUND PRIOR TO THE COMMENCEMENT OR CONTINUATION OF ANY WORKS.
1.11. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT BRITISH STANDARDS, BUILDING REGULATIONS AND NHBC STANDARDS.
1.12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXECUTE THE WORKS AT ALL TIMES IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE HEALTH AND SAFETY AT WORK ACT 1974, AND THE C.D.M. REGULATIONS 2015. THE CONTRACTOR WILL BE DEEMED TO HAVE ALLOWED FOR FULL COMPLIANCE, INCLUDING FULL LIAISON WITH THE CDM CO-ORDINATOR, WITHIN THIER RATES.
1.13. ANY EXISTING DETAILS WHICH ARE SHOWN ON THIS DRAWING ARE FOR GUIDANCE ONLY AND ARE TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY VARIATIONS ARE TO BE RECORDED AND REPORTED TO THE ENGINEER IMMEDIATELY.
1.14. BEFORE WORK COMMENCES CONTRACTOR SHOULD CONSULT THE ENGINEER AND THE SI REPORT REGARDING ANY CONTAMINATION ISSUES. ALL NECESSARY HEALTH AND SAFETY MEASURES TO BE TAKEN.

REV.	REVISION NOTE/COMMENT							
	DRW BY	DATE	CCK BY	DATE	APP BY	DATE		
P4	RED LINE ADDED AROUND PUMPING STATION, CELLULAR STORAGE UPDATED TO BE SHOWN TO BE OFFERED FOR ADOPTION AND NOTES 8 & 10 UPDATED IN ACCORDANCE WITH ICOSA REQUIREMENTS. PERMEABLE PAVING AREAS IDENTIFIED ON LAYOUT AS REQUESTED BY LLFA							
	NGW	30.11.23	LH	30.11.23	NGW	30.11.23		
P4	MINOR AMENDMENTS TO PRIVATE DRAINAGE LATERALS IN ACCORDANCE WITH PRIVATE DRAINAGE UPDATE							
	NGW	23.11.23	LH	23.11.23	NGW	23.11.23		
P3	LATEST HOUSING LAYOUT ADDED AND MINOR AMENDMENTS TO FFLS AT PLOTS 1, 8 AND 31-33. EASEMENT REMOVED FROM ROAD 2 AND 2A							
	NGW	16.11.23	LH	16.11.23	NGW	16.11.23		
P2	ROAD LEVELS AMENDED ON ROAD 1 FROM CHAINAGE 80 TO END AND ROAD 2 AND 2A TO LIFT SITE LEVELS. FFLS AMENDED AT PLOTS 09-50 TO SUIT. LAYOUT AMENDED AT PLOTS 38-50							
	NB	23.08.23	LH	23.08.23	NGW	23.08.23		
P1	INITIAL ISSUE.							
	NB	18.08.23	LH	18.08.23	NGW	18.08.23		

PATRICK PARSONS
40 St. Paul's Square
Birmingham
B3 1FQ
United Kingdom

T. +44 (0)121 592 0000
E. info@patrickparsons.co.uk
W. www.patrickparsons.co.uk

Client
TRICAS CONSTRUCTION

Project
HILL TOP FARM, EARL SHILTON

Drawing
S104 ADOPTABLE DRAINAGE LAYOUT

Drawn	Date
NB	AUGUST 23
Patrick Parsons Project No.	Scale @ A1
11681	1:500
Status Description	Status
STAGE APPROVAL	S4
Drawing No. (project-originator-volume-level-type-role-number)	Revision
HTF-PPC-00-XX-DR-C-0501	P5