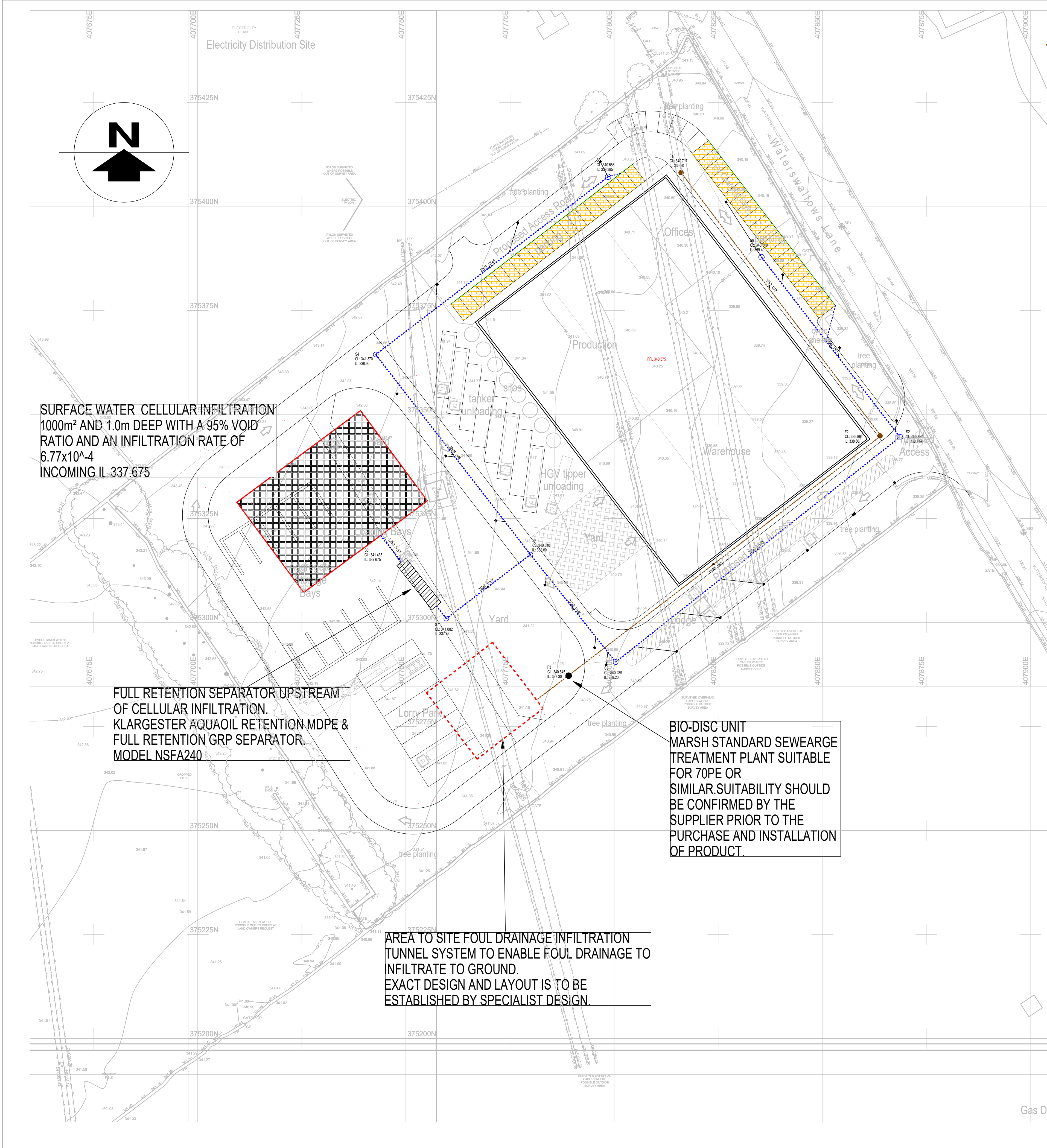


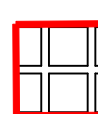


SURFACE WATER CELLULAR INFILTRATION
1000m² AND 1.0m DEEP WITH A 95% VOID
RATIO AND AN INFILTRATION RATE OF
6.77x10⁻⁴
INCOMING IL 337.675

FULL RETENTION SEPARATOR UPSTREAM
OF CELLULAR INFILTRATION.
KLARGESTER AQUA OIL RETENTION MDPE &
FULL RETENTION GRP SEPARATOR.
MODEL NSFA240

BIO-DISC UNIT
MARSH STANDARD SEWAGE
TREATMENT PLANT SUITABLE
FOR 70PE OR
SIMILAR. SUITABILITY SHOULD
BE CONFIRMED BY THE
SUPPLIER PRIOR TO THE
PURCHASE AND INSTALLATION
OF PRODUCT.

AREA TO SITE FOUL DRAINAGE INFILTRATION
TUNNEL SYSTEM TO ENABLE FOUL DRAINAGE TO
INFILTRATE TO GROUND.
EXACT DESIGN AND LAYOUT IS TO BE
ESTABLISHED BY SPECIALIST DESIGN.

-  **SUDS MAINTENANCE**
FOUL INSPECTION CHAMBERS AND DRAINAGE RUNS SHOULD BE INSPECTED MONTHLY TO ENSURE THAT THERE IS NO BUILD UP OF DEBRIS OR EFFLUENT.
-  SURFACE WATER POLYPROPYLENE INSPECTION CHAMBERS SHOULD BE INSPECTED EVERY 3 MONTHS AND AFTER EVERY INTENSE RAINFALL EVENT.
-  SURFACE WATER GULLIES, LINEAR DRAINAGE CHANNELS AND RAIN WATER PIPE OUTLETS SHOULD BE INSPECTED EVERY MONTH AND AFTER EVERY INTENSE RAINFALL EVENT. THEY SHOULD BE CLEARED OF ANY DEBRIS THAT MAY HAVE COLLATED WITHIN. DURING AUTUMN IT MAY BE PERTINENT TO INCREASE INSPECTIONS TO EVERY TWO WEEKS TO ENSURE THAT ANY BUILD UP OF LEAVES IS REMOVED FROM THE SYSTEM.
-  PERMEABLE PAVING BLOCKS SHOULD BE INSPECTED MONTHLY AND AFTER EVERY INTENSE RAINFALL EVENT. THE SURFACE OF THE PERMEABLE PAVING SHOULD BE SWEEPED AT EACH INSPECTION AND ANY DEBRIS, SUCH AS LEAVES REMOVED.
- PRIVATE SOAKAWAY WILL BE MAINTAINED BY THE LAND OWNER. AND ANY REQUIREMENT FOR THIRD PARTY ACCESS IS LIKELY TO BE AGREED AT THE TIME.

THE ABOVE INSPECTION AND MAINTENANCE REGIMES ARE FOR GUIDANCE ONLY.
IN ANY EVENT, ALL INSPECTION CHAMBERS, MANHOLES, DRAINAGE RUNS, LINEAR DRAINAGE CHANNELS, GULLIES, RAIN WATER PIPE OUTLETS AND ATTENUATION TANKS AND PERMEABLE PAVING SHOULD BE INSPECTED AND MAINTAINED IN LINE WITH THE CHOSEN MANUFACTURERS GUIDANCE TO ENSURE MAXIMUM EFFICIENCY.

GENERAL
THE WHOLE SITE TO BE LITTER PICKED ON A MONTHLY BASIS TO ENSURE NO DEBRIS CAN BE WASHED DOWN GULLIES, PIPES CHANNELS ETC.

EVERY 5 YEARS MINIMUM, THE SITE DRAINAGE NETWORK SHOULD BE PRESSURE JETTED AND WASHED DOWN, INCLUDING CHANNELS AND GULLIES ETC

MAINTENANCE TO BE CARRIED OUT BY AN APPROPRIATE MAINTENANCE CONTRACTOR TO BE ESTABLISHED AT A FUTURE DATE.

- NOTES:**
- ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
 - ALL DRAINAGE WORKS ARE TO COMPLY WITH THE REQUIREMENTS OF BS 752 BUILDING DRAINAGE AND BUILDING REGULATIONS 2010 INCORPORATING 2015 AMENDMENTS.
 - ALL MATERIALS, UNLESS SPECIFIED OTHERWISE, SHALL COMPLY WITH THE RELEVANT BRITISH STANDARD. SOURCES OF MATERIALS ARE TO BE AGREED WITH THE EMPLOYERS REPRESENTATIVE/ENGINEER IN ADVANCE OF THE WORKS.
 - THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING DRAWINGS AND DETAILS AND CONTRACT DOCUMENTATION.
 - ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE REPORTED TO THE EMPLOYERS REPRESENTATIVE/ENGINEER PRIOR TO CONSTRUCTION.
 - LOCATION AND LEVELS OF EXISTING DRAINAGE RUNS ARE BASED UPON SEWER RECORD PLANS AND MUST BE CHECKED ON SITE PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS.
 - ALL EXISTING SERVICES TO BE LOCATED PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS WHERE NECESSARY PROTECTION OR DIVERSIONS TO BE UNDERTAKEN TO AVOID CONFLICT WITH THE PROPOSED WORKS.
 - ALL DRAINAGE AND FITTINGS TO BE FLEXIBLY JOINTED CLAYWARE TO BS EN286 OR CONCRETE TO BS8911 PART 100 OR FLEXIBLY JOINTED UPVC PIPES AND FITTINGS TO WIS No 4-13-05.
 - TYPICAL PIPE BEDDING TO DRAINAGE WHERE DEPTH TO SOFFIT IS GREATER THAN 900mm IN LANDSCAPED AREAS AND GREATER THAN 1200mm IN TRAFFICKED AREAS IS TO BE CLASS S (I.E. 10-14mm GRADED IMPORTED GRANULAR BED AND SURROUND FOR PIPES UP TO 525Ø AND 20 - 40mm GRADED IMPORTED GRANULAR BED AND SURROUND FOR PIPES GREATER THAN 525Ø).
 - WHERE DEPTH TO SOFFIT OF DRAINAGE PIPEWORK IS LESS THAN 900mm IN LANDSCAPED AREAS AND LESS THAN 1200mm IN TRAFFICKED AREAS THEN PIPEWORK IS TO BE PROTECTED WITH 150mm MINIMUM THICK CONCRETE BED & SURROUND
 - BACKFILL TO DRAINAGE TRENCHES UNDER CARRIAGEWAYS TO BE TYPE 1 SUB-BASE MATERIAL. ELSEWHERE BACKFILL TO BE FREE DRAINING READYLY COMPATIBLE MATERIAL, FREE FROM RUBBISH AND ORGANIC MATTER, FROZEN SOIL, CLAY LUMPS AND LARGE STONES. TO BE COMPACTED IN LAYERS NOT EXCEEDING 150mm THICK.
 - A FLEXIBLE JOINT SHALL BE PROVIDED AS CLOSE AS IS FEASIBLE TO OUTSIDE FACE OF ANY STRUCTURE INTO WHICH A PIPE IS BUILT. COMPATIBLE WITH THE SATISFACTORY COMPLETION AND SUBSEQUENT MOVEMENT OF THE JOINT. THE LENGTH OF THE NEXT PIPE (ROCKER PIPE) AWAY FROM THE STRUCTURE SHALL BE AS SHOWN IN THE TABLE BELOW.
- | NOMINAL DIAMETER (mm) | EFFECTIVE LENGTH (m) |
|-----------------------|----------------------|
| 150-600 | 0.6 |
| 675-750 | 1.0 |
| 825 AND OVER | 1.25 |
13. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM.
14. ALL FOUL DRAINS ARE 150mm DIA UNLESS NOTED OTHERWISE
15. ALL STORM DRAINS ARE 150mm DIA UNLESS NOTED OTHERWISE

Rev	Description	Chk'd	App'd	Date
ISSUE				
PRELIMINARY				
Client/Architect				
PENNINE AGGREGATES LTD				
Contract				
WATERSWALLOWS LANE				
BUXTON				
DERBYSHIRE				
Title				
SUDS MAINTENANCE PLAN				
 KEYTECH DEVELOPMENT DESIGN LTD RIVERSIDE OFFICES, MOUNTBATTEN WAY, CONGLETON, CW12 1DY PHONE: 01925231735, EMAIL: gareth@keytechdesign.co.uk				
Date	JANUARY 23	Scale	1:500	
Original size	A1			
Drawn	HB			
Checked		Approved		
Drawing No.		Revision.		
K24-004-003				