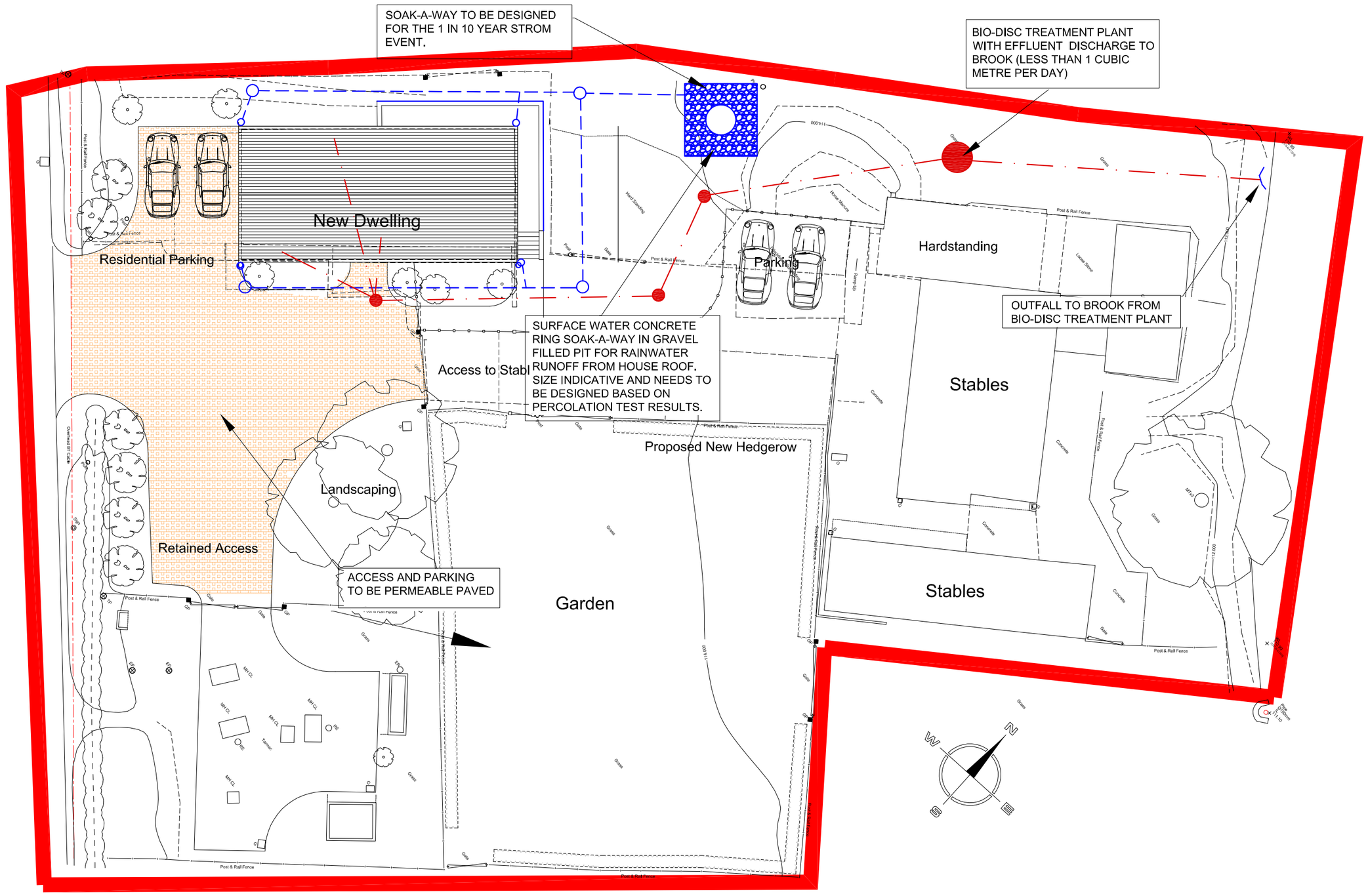



## KEY

- PROPOSED FW DOMESTIC POLYPROPYLENE INSPECTION CHAMBER WITH INVERT LEVEL.
- PROPOSED FOUL WATER DOMESTIC DRAIN RUN
- PROPOSED SW DOMESTIC POLYPROPYLENE INSPECTION CHAMBER WITH INVERT LEVEL.
- PROPOSED SURFACE WATER DOMESTIC DRAIN RUN
- PROPOSED SURFACE WATER SOAK-A-WAY DESIGNED FOR THE 1 IN 10 YEAR EVENT AS STATED IN THE BUILDING REGULATIONS
- BIO-DISC TREATMENT PLANT

## NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
2. ALL DRAINAGE WORKS ARE TO COMPLY WITH THE REQUIREMENTS OF BS 752 BUILDING DRAINAGE AND BUILDING REGULATIONS 2000 APPROVED DOCUMENT H 2002 EDITION.
3. ALL MATERIALS, UNLESS SPECIFIED OTHERWISE, SHALL COMPLY WITH THE RELEVANT BRITISH STANDARD. SOURCES OF MATERIALS ARE TO BE AGREED WITH THE EMPLOYER'S REPRESENTATIVE/ENGINEER IN ADVANCE OF THE WORKS.
4. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING DRAWINGS AND DETAILS AND CONTRACT DOCUMENTATION
5. ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE REPORTED TO THE EMPLOYER'S REPRESENTATIVE/ENGINEER PRIOR TO CONSTRUCTION.
6. 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.
7. 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.
8. ALL DRAINAGE AND FITTINGS TO BE FLEXIBLY JOINTED CLAYWARE TO BS EN295 OR CONCRETE TO BS5911 PART 100 OR FLEXIBLY JOINTED UPVC PIPES AND FITTINGS TO WIS No 4-13-05.
   1500mm DIA STORAGE PIPES TO BE POLYPIPE RIDGISTORM WRc APPROVED AND BBA APPROVED.
9. 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)
10. 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.
11. BACKFILL TO DRAINAGE TRENCHES UNDER CARRIAGEWAYS 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.

| Rev | Description | Chk'd/App'd | Date |
|---|---|---|---|

**Issue** FRA

**Client/Architect**
THE PLANT GROUP OF SIPS

**Contract**
SPRING BANK STABLES
PROPOSED DWELLING

**Title**
STRATEGIC DRAINAGE PLAN

KEYTECH DEVELOPMENT DESIGN LTD
46 SANDBACH ROAD, CONGLETON, CHESHIRE, CW12 4LW
PHONE: 01260 275760, FAX: 01260 275760, E-MAIL:garybennett172@btinternet.com

**Date** JULY 16 **Scale** 1/200
**Original size A2**
**Drawn** GB
**Checked** **Approved**

**Drawing No.** **Revision.**
**K621-100**