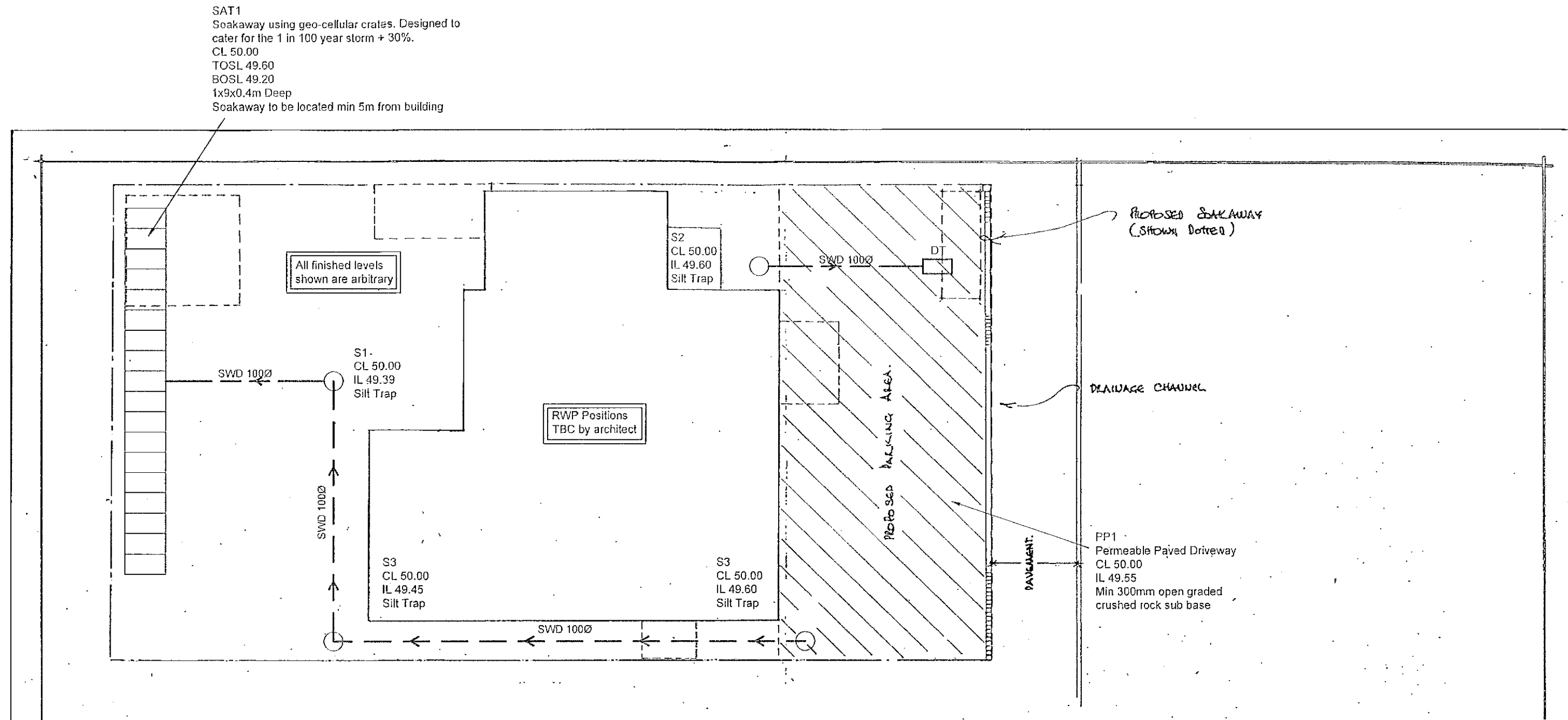
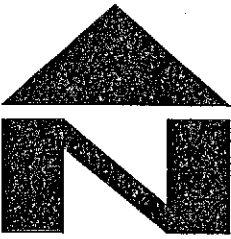




PROPOSED FEATURES

- STORM WATER SEWER/DRAIN
- STORM WATER INSPECTION CHAMBER 4600 PPIC
1.2m DEEP MAX
MAX NO. OF PIPES 5 (100/1500) COVER GRADE B125
- STORM WATER GEOCELLULAR SOAKAWAY USING POLYPIPE POLYSTORM OR SIMILAR APPROVED
CL = COVER LEVEL
TOSL = TOP OF SOAKAWAY LEVEL
BOSL = BOTTOM OF SOAKAWAY LEVEL
- INFILTRATING POROUS PAVING
- POROUS PAVING DISTRIBUTION TANK
- PIPE DETAIL: Ø, LENGTH, GRADIENT, BEDDING TYPE
- MANHOLE REFERENCE:
COVER LEVEL
INVERT LEVEL
SUMP INVERT LEVEL
MH TYPE
CATCHPIT MANHOLE (IF REQUIRED), COVER GRADE
- SW MH 1.0
CL 00.00
IL 00.00
SIL 00.00
TYPE C MH
CATCHPIT
0400



- STANDARD NOTES
- DO NOT SCALE FROM THIS DRAWING. REFER TO FIGURED DIMENSIONS ONLY. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE.
 - ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
 - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
 - ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT AND/OR ENGINEER IMMEDIATELY, SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
 - BEFORE COMMENCING CONSTRUCTION THE CONTRACTOR MUST CHECK THE INVERT LEVELS OF EXISTING SEWERS TO WHICH CONNECTIONS ARE MADE. IN ADDITION THE CONTRACTOR MUST LOCATE AND DETERMINE INVERT LEVELS OF THE EXISTING SPURS TO WHICH CONNECTIONS ARE PROPOSED. ANY DISCREPANCIES ARE TO BE NOTIFIED TO THE ENGINEER IMMEDIATELY, PRIOR TO CONSTRUCTION.
 - ALL DRAINAGE WORKS SHOULD COMMENCE AT THE PROPOSED DOWNSTREAM CONNECTION POINT. THE WORKS CONTINUING UPSTREAM FOLLOWING CONFIRMATION OF THE TIE-IN INVERT LEVELS TO THE ENGINEER. CONNECTIONS TO MANHOLES OR LARGER SIZED PIPES ETC. SHOULD BE SOFFIT TO SOFFIT UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER, IF THIS IS NOT POSSIBLE INFORM THE ENGINEER IMMEDIATELY.
 - COVER LEVELS SHOWN ARE APPROXIMATE. COVERS AND FRAMES SHALL BE SET TO FINISHED GROUND LEVELS AND FALLS.
 - IN ORDER TO MAINTAIN THE SATISFACTORY FUNCTIONING OF SURFACE WATER SEWERS, ALL ROAD AND YARD GULLIES ARE TO BE "TRAPPED".
 - ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT PART-H, AND TO THE SATISFACTION OF THE BUILDING CONTROL INSPECTOR.
 - WHERE DRAINS PASS THROUGH FOUNDATIONS OR CONNECT TO MANHOLES, A FLEXIBLE PIPE JOINT SHOULD BE PROVIDED TO FORM A ROCKER PIPE IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED.
 - WHERE DRAINAGE RUNS PASS CLOSE TO BUILDINGS OR THEIR INVERT LEVELS ARE BELOW FOUNDATION LEVEL, THEN THE TRENCHES ARE TO BE BACK FILLED IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED.
 - THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS MADE ON SITE, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN AS CONSTRUCTED DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT.
 - STUB CONNECTIONS TO ADOPTABLE MANHOLES SHALL BE MADE FROM VITRIFIED CLAY AND CONSIST OF TWO ROCKER PIPES LAID AT THE SAME GRADIENT AS THE UP OR DOWNSTREAM PIPE.
 - ALL DOWNPIPES ARE TO BE SEALED AND CONNECTED DIRECTLY TO THE STORMWATER DRAIN. ACCESS POINTS ARE TO BE PROVIDED 1m ABOVE GROUND LEVEL FOR EXTERNAL RWP'S AND 1m ABOVE FFL FOR INTERNAL RWP'S. IF INTERNAL RWP'S ARE TO BECOME INACCESSIBLE THEN ACCESS CHAMBERS ARE TO BE PROVIDED EXTERNALLY TO ACCESS EACH RWP.
 - MODULAR GEOCELLULAR STORAGE/SOAKAWAY SYSTEM TO CONFORM TO CIRIA C697 THE SUDS MANUAL, C680 STRUCTURAL DESIGN OF MODULAR GEOCELLULAR DRAINAGE TANKS & C698 SITE HANDBOOK FOR THE CONSTRUCTION OF SUDS. THE MANUFACTURER SHOULD PROVIDE A COMPLETE SET OF INDEPENDENT TEST RESULTS FOR A PROPOSED SYSTEM INCLUDING, AS A MINIMUM, STRESS/STRAIN CURVES FOR VERTICAL AND LATERAL COMPRESSION AND CREEP TESTS UNDER SUSTAINED LONG-TERM LOADS. A BSA CERTIFICATE IS NOT INDEPENDENT TEST DATA.
 - IF ANY SUB SOIL DRAINAGE SYSTEMS ARE UNCOVERED DURING THE WORKS CONTACT THE ENGINEER FOR INSTRUCTIONS. SUB SOIL DRAINS ARE TO BE DIVERTED AROUND NEW WORKS AND CONNECTED INTO THE SURFACE WATER.
 - NO PRIVATE AREAS ARE TO DRAIN ONTO ADOPTABLE AREAS AND VICE VERSA.
 - SOFT SPOTS IN FORMATION ARE TO BE REMOVED AND REPLACED WITH SUITABLE MATERIAL.
 - ALL EXISTING MANHOLE COVERS, GULLIES, ETC. ARE TO BE RAISED TO SUIT NEW LEVELS.

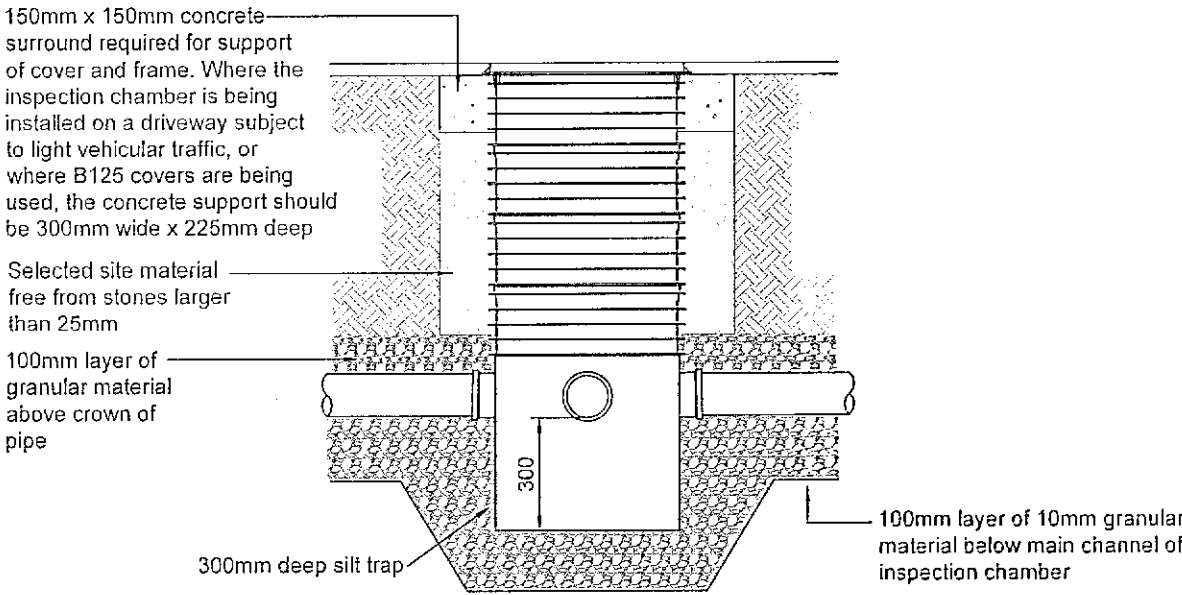


TRENCH SOAKAWAY USING POLYSTORM LITE GEOMODULAR UNITS LANDSCAPED AREAS ONLY

ALL STORAGE TANK DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATIONS, METHOD STATEMENTS AND RECOMMENDATIONS OF POLYPIPE

FORMPAVE PERMABLE BLOCK PAVING CONSTRUCTION

TO BE READ IN ACCORDANCE WITH FORMPAVE DETAILS AND SPECIFICATION



460mmØ POLYPIPE BASIC SILT TRAP DETAIL

P2	14.06.18	REVISED TO SUIT ADC COMMENTS	C.S.	C.S.	-
P1	23.05.18	REVISED TO SUIT ADC COMMENTS	C.S.	C.S.	-
P-	12.04.18	PRELIMINARY ISSUE FOR COMMENT/APPROVAL	C.S.	C.S.	-
REV	DATE	DESCRIPTION	BY	CHK	APP
Consulting Civil Engineers CLIENT MR ALEXEY LIKHODED ARCHITECT CLIVE FISH JOB TITLE 98 ELMER ROAD MIDDLETON-ON-SEA DRAWING TITLE SURFACE WATER DRAINAGE STRATEGY DRAWN CS ENGINEER C.SLADE CHECKED --- APPROVED --- DATE APRIL 2018 SCALE 1:100 JOB No. C1049 STATUS P DRAWING No. 100 REV. P2					