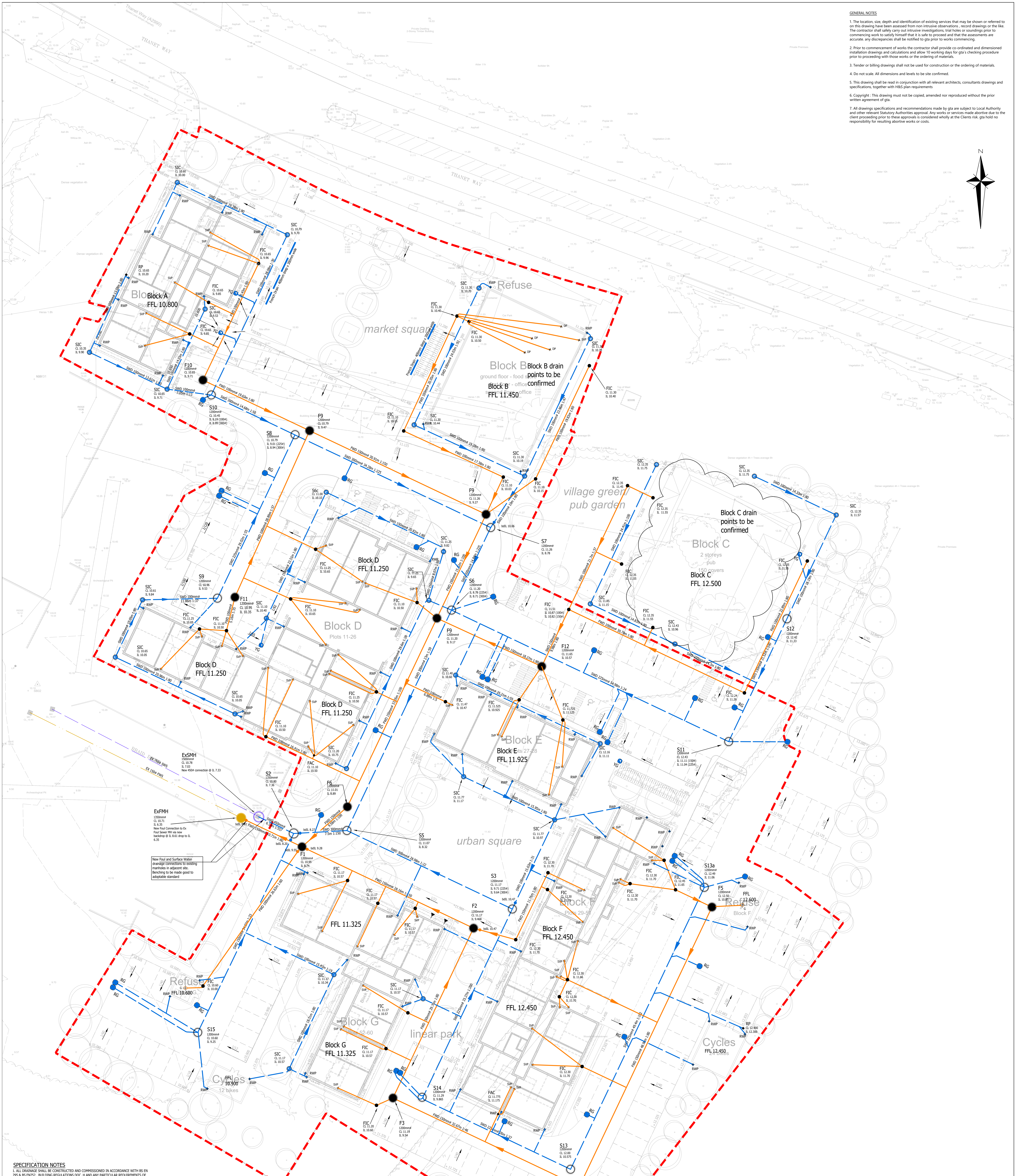
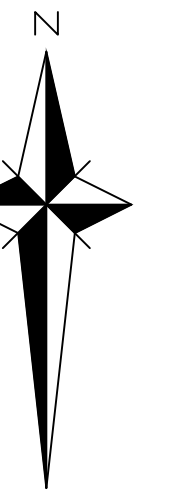


GENERAL NOTES

- The location, size, depth and identification of existing services that may be shown or referred to on this drawing have been assessed from non-intrusive observations, record drawings or the like. The contractor shall carry out intrusive investigations, trial holes or soundings prior to commencing work to satisfy himself that it is safe to proceed and that the assessments are accurate. Any discrepancies shall be notified to gta prior to works commencing.
- Prior to commencement of works the contractor shall provide co-ordinated and dimensioned installation drawings and calculations and allow 10 working days for gta's checking procedure prior to proceeding with those works or the ordering of materials.
- Tender or billing drawings shall not be used for construction or the ordering of materials.
- Do not scale. All dimensions and levels to be site confirmed.
- This drawing shall be read in conjunction with all relevant architects, consultants drawings and specifications, together with HWS plan requirements.
- Copyright - This drawing must not be copied, amended nor reproduced without the prior written agreement of gta.
- All drawings specifications and recommendations made by gta are subject to Local Authority and other relevant Statutory Authorities approval. Any works or services made abortive due to the client proceeding prior to these approvals is considered wholly at the Client's risk. gta holds no responsibility for resulting abortive works or costs.



SPECIFICATION NOTES

- ALL DRAINAGE SHALL BE CONSTRUCTED AND COMMISSIONED IN ACCORDANCE WITH BS EN 252 & BS EN 12052, BUILDING REGULATIONS DOC. H AND ANY PARTICULAR REQUIREMENTS OF THE BUILDING CONTROL OFFICER.
- DRAIN BEDDING IS TO BE PROVIDED AS D200/L, D200/L AND D200/L AS SHOWN ON THE DRAINAGE DETAILS SHEETS.
- EFFECTIVE COVER IS THE MINIMUM DEPTH OF COVER OVER THE PIPE CHAMBER AT ANY TIME DURING THE CONSTRUCTION PROCESS.
- ALL CONCRETE PIPEWORK, MANHOLES AND FITTINGS SHALL BE TO BS 5911 (ALL RELEVANT PARTS). ALL CONCRETE PIPEWORK TO BE TO HIGH STRENGTH.
- WHERE CONNECTIONS ARE TO BE MADE TO EXISTING MANHOLES/CHAMBERS, INSERT LEVELS, PIPE SIZES & ORIENTATION SHALL BE CHECKED PRIOR TO THE COMMENCEMENT OF THE WORKS AND ANY VARIANCE REPORTED TO THE ENGINEER IMMEDIATELY.
- WHERE PIPELINES CROSS, EACH IS TO BE SUBMERGED WITH GRADE STIFF MASS CONCRETE FOR A DISTANCE NOT LESS THAN 1m COVERED ON THE CROSSING POINT. LENGTH OF SURROUNDING TO BE EXTENDED AS NECESSARY TO WITHIN 150mm OF THE NEXT NEAREST FLEXIBLE JOINT.
- THE CONTRACTOR IS TO ENSURE THAT PROTECTIVE MEASURES ARE TAKEN TO ENSURE THAT DRAINAGE PIPEWORK AND FITTINGS ARE NOT DAMAGED BY SITE TRAFFIC PRIOR TO OVERSITE FILLING OPERATIONS BEING COMPLETED AROUND BUILDINGS.
- ALL PRIVATE DRAINAGE PIPEWORK SHALL BE PVC-U, ALL ADOPTED DRAINAGE TO BE VC. ALL UNDERBUILDING DRAINS TO BE LAID AT A GRADIENT OF 1:40
- WHERE DRAINS PASS THROUGH FOUNDATIONS OR CONNECT TO MANHOLES, FLEXIBLE PIPE JOINTS ARE TO BE PROVIDED WITHIN 150mm OF THE FACE OF THE STRUCTURE AND WITHIN A FURTHER 600mm TO FORM A ROCKER PIPE.
- WHERE PIPES PASS THROUGH SCREEN WALLS, FOOTINGS OR RETAINING WALLS, LINTELS ARE TO BE PROVIDED.
- WHERE PIPELINES PASS WITHIN 1m OF BUILDINGS OR WALLS THE FOUNDATIONS ARE TO BE TAKEN DOWN BELOW THE BOTTOM OF THE TRENCH
- 450mm DIA. INSPECTION CHAMBERS (FIC/SIC) MAY BE USED:
 - WITH 150mm REDUCED COVER WHERE THE DEPTH FROM COVER TO INVERT EXCEEDS 3000mm.
 - 300mm DIA. POLYPROPYLENE ACCESS CHAMBERS (FAC/SAC) MAY BE USED - WHERE THE DEPTH FROM COVER TO INVERT DOES NOT EXCEED 600mm AND WHERE THE PIPE SIZE DOES NOT EXCEED 150mm DIA.
- STREET COVERS WITHIN PROPERTY BOUNDARIES SHALL BE:
 - (UNLESS NOTED ON DRAWING OR MANHOLE SCHEDULE)
 - ON PRIVATE DRIVEWAYS: FACTA GRADE A (BS EN ISO 1461:1999)
 - ON PRIVATE PATHWAYS, VERGES OR ON GARDENS: FACTA GRADE A (BS EN ISO 1461:1999)
 - ON SHARED PATHWAYS, VERGES OR ON GARDENS: FACTA GRADE A (BS EN ISO 1461:1999)
- DUCTILE IRON COVERS OUTSIDE PROPERTY BOUNDARIES SHALL BE:
 - (UNLESS NOTED ON DRAWING OR MANHOLE SCHEDULE)
 - ON ACCESS ROADS AND CAR PARKS: GRADE A15 (BS EN 124:1994)
 - ON SHARED PATHWAYS, VERGES OR ON GARDENS: FACTA GRADE A (BS EN ISO 1461:1999)
- COVER LEVELS SHOWN 'CL' AND INVERT LEVELS SHOWN 'IL' ARE IN METRES ABOVE OR BELOW DATUM.
- ALL DRAINS TO BE 100mm DIAMETER UNLESS NOTED OTHERWISE
- ALL DRAINS MARKED 'FWS' OR 'SWS' ARE PROPOSED ADOPTED SEWERS AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH 'SEWERS FOR ADOPTION', 7TH EDITION

New Foul and Surface Water drainage connections to existing manholes in adjacent site. Benching to be made good to existing standard.

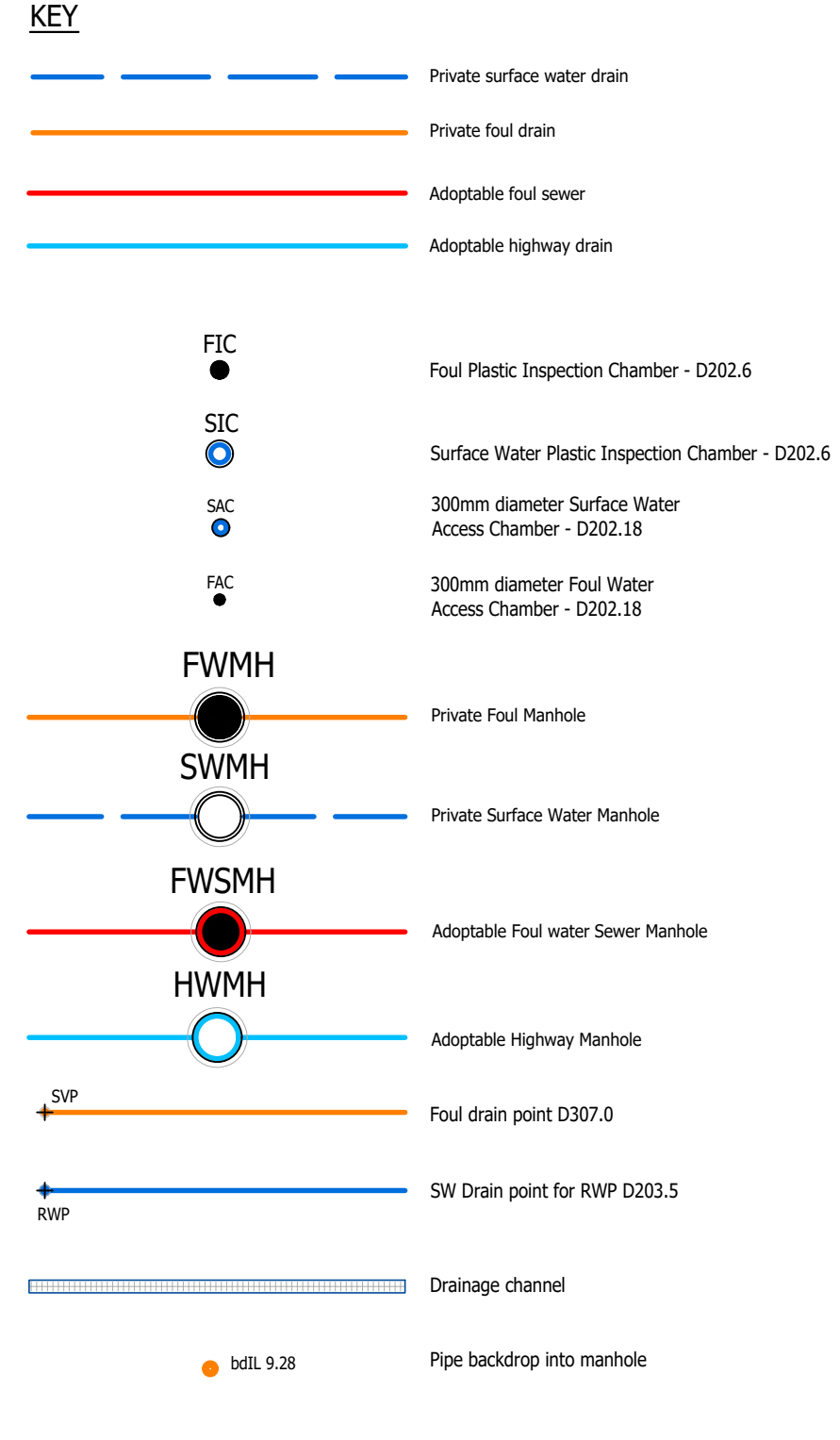
ABBREVIATIONS

0307.0 DETAIL NUMBER - SEE DRAINAGE DETAIL SHEET

FD FOLE DRAIN
SWS SURFACE WATER DRAIN
ADP ADAPTABLE FOUL WATER SEWER
ASW ADAPTABLE SURFACE WATER SEWER
MH MANHOLE
IC INSPECTION CHAMBER
SA 450mm DIA. FOL. INSPECTION CHAMBER - D202.6
FIC 450mm DIA. SURFACE WATER INSPECTION CHAMBER - D202.6
SIC 300mm DIA. FOL. ACCESS CHAMBER - D202.18
SAC 300mm DIA. SURFACE WATER ACCESS CHAMBER - D202.18
CCT CAST IRON
VC VITRIFIED CLAY
CMC CONCRETE
PVC-U POLYVINYL CHLORIDE - UNPLASTICISED
SG SMALL GULLY - D202.0
YG YARD GULLY - D202.2
RG ROAD GULLY - D202.1
CG CAR PARK GULLY - D202.2
DIP BELOW GROUND DRAIN POINT
SDP SOIL VENT PIPE DROP
STW STUB STACK OR DIRECT DRAIN CONNECTION
FIC FROTHED FLOOR LEVEL
DT SURFACE WATER DISTRIBUTION TANK
FRL FINISHED FLOOR LEVEL
SL STRUCTURAL SLAB LEVEL
GND GROUND LEVEL
CL COVER LEVEL
IL INVERT LEVEL
SL SURF LEVEL
BL BASE LEVEL
HL HIGH LEVEL
ML MID LEVEL
C/S CONCRETE BED & SURROUND
G/S GRANULAR BED & SURROUND
CLASS B CLASS B

DESIGN NOTES

- SURFACE WATER DESIGN BASED ON DIRECT CONNECTION TO EXISTING INFRASTRUCTURE DRAINAGE WITH NO RESTRICTION AS PER M+M CONSULTING ENGINEER'S STRATEGY
- DRAIN POINTS AND LOCATIONS TO BE CONFIRMED BY ARCHITECT.
- CONTRACTOR TO ESTABLISH LOCATIONS OF ALL EXISTING SERVICES PRIOR TO COMMENCING.
- EXISTING TREES TO BE PROTECTED WHERE EXCAVATIONS RUN CLOSE.
- APPROVAL TO BE GAINED FROM SOUTHERN WATER FOR CONNECTIONS TO SEWERS AND DISCHARGE RATES



Rev	INITIAL ISSUE	14/10/19	CS	MR
T1	Amendments	Date	CS	CS
TENDER				
Client	Quinn Estates Ltd			
Architect	CLAGUE ARCHITECTS			
Project	HERNE BAY GOLF CLUB THE LINKS, EDDINGTON, HERNE BAY			
Title	SITE 1 DRAINAGE LAYOUT			
Date	JUNE 2019	Scale of A3	1:200	
Client's Ref.		Project Ref.	10071	
 Gloucester House, 66a Church Walk Burgess Hill, West Sussex, RH15 9AS Tel 01444 871444 Web www.gta.co.uk				
Drawing Number	10071-1061	Rev	T1	