GENERAL NOTES

1. 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 safely 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.

2. Tender or billing drawings shall not be used for construction or the ordering of materials.

3. Do not scale. All dimensions and levels to be site confirmed.

4. This drawing shall be read in conjunction with all relevant architects, consultants drawings and specifications, together with H&S plan requirements

5. Copyright : This drawing must not be copied, amended nor reproduced without the prior written agreement of gta.

6. 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 Clients risk. gta hold no responsibility for resulting abortive works or costs.

KEY

- Private Storm Tank Drainage
- Private Storm Drain Pipes
- SCP — Private Storm Control Manhole
- SIC — Storm Plastic Inspection Chamber - D202.6
- RP — Storm Water Rodding Point
- RWP — Rain Water Downpipe
- DT — Proprietary Plastic Distribution Tank
- ST — Proprietary Plastic Silt Trap
- Direction of Fall
- +15.65 — Proposed Finished Levels

GROUNDWATER MONITORING BOREHOLE CL 16.315 TWL 16.115

GROUNDWATER MONITORING BOREHOLE CL 15.550 TWL 15.300

POROUS PAVING
WITH GRANULAR SUB-BASE
OF 520mm EFFECTIVE DEPTH
PAVED AREA = 887m²
ROOF AREA = 819m²
PROVIDING STORAGE FOR THE
1 in 100 yr EVENT +40% CLIMATE CHANGE ALLOWANCE

STRUCTURAL PLASTIC TANK PIPE
(Thermoplastic Polypipe Ridgistorm XL or Similar Approved with Integral Chambers)
PROVIDING STORAGE FOR THE
1 in 100 yr EVENT +40% CLIMATE CHANGE ALLOWANCE
WITH A CONTROLLED DISCHARGE OF
0.8 l/sec MAX @ 1.60m Head
TANK PIPEWORK IS TO BE SURROUNDED
WITH 150mm THICK CONCRETE TO PROVIDE
SUFFICIENT MASS TO PREVENT FLOTATION
IN ELEVATED GROUNDWATER CONDITIONS

THE EXISTING FOUL WATER DRAINAGE SYSTEM IS TO BE FULLY TRACED AROUND THE EXISTING HOTEL, SURVEYED FOR COVER AND INVERT LEVELS, PIPE DIAMETERS AND CCTV SURVEYED. THE PROPOSED BUILDINGS WILL CONNECT FOUL DRAINAGE INTO THIS SYSTEM.

CONTROL CHAMBER
CL 16.100
IL 13.420
FITTED WITH HYDRO-BRAKE
DELIVERING 0.8 L/SEC MAX

LARGE EXISTING DITCH
DRAINING WIDER ESTATE

DITCH TO BE DE-SILTED TO ALLOW FREE FLOWING OF EXISTING 150mm DRAIN. 150mm OUTFALL TO BE JET CLEANED AND CCTV SURVEYED AND ANY DEFECTS RECTIFIED BEFORE CONNECTION FROM THE NEW SITE

PRIOR TO COMMENCEMENT OF CONSTRUCTION THE CONTRACTOR MUST FIRST CONFIRM THE LEVEL OF THE EXISTING OUTFALL PIPE TO THE DITCH AND THE GRADIENT OF THE PIPE BETWEEN THE CONTROL CHAMBER AND THE PROPOSED CHAMBER ON THE EXISTING PIPE IS TO BE AGREED WITH THIS OFFICE AND ARUN DC

SCALE 0 2 4 6 8 10 20 30 metres

Rev	Amendments	Date	Dsn	Chk
P4	EXISTING DRAIN AND OUTFALL NOTE ADDED	30.03.21	DMS	MR
P3	DRAINAGE ADJUSTED TO CONNECT TO EXISTING PIPED OUTFALL	04.03.21	DMS	MR
P2	DRAINAGE STRATEGY REVISED TO SUIT ADC COMMENTS - DISCHARGE RATE REDUCED TO QBar - STORAGE TANK INCREASED IN DIA. TO SUIT - ADDITIONAL NOTES ADDED	18.08.20	DMS	MR
P1	DRAINAGE STRATEGY REVISED TO SUIT GROUNDWATER MONITORING FINDINGS	06.07.20	DMS	MR
-	ISSUED FOR REPORT	06.11.18	DMS	MR

Status: PLANNING

Client: COMFORT INN

Architect: ATELIER CONSULTANTS

Project: ARUNDEL RESIDENCE INN
CROSSBUSH, ARUNDEL

Title: DRAINAGE LAYOUT

Date: NOVEMBER 2018 | Scale @ A1: 1:200

Base Layout Ref. | CAD File ref.

Clients Ref. | Project Ref.: 7321

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