

DESIGN NOTES

1. STORAGE DESIGN BASED ON 1 IN 100 YR STORM + 40%.
2. DRAIN POINTS AND LOCATIONS TO BE CONFIRMED BY ARCHITECT.
3. CONTRACTOR TO ESTABLISH LOCATIONS OF ALL EXISTING SERVICES PRIOR TO COMMENCING.
4. EXISTING TREES TO BE PROTECTED WHERE EXCAVATIONS RUN CLOSE.
5. DESIGN SUBJECT TO APPROVAL FROM SOUTHERN WATER FOR CONNECTIONS TO SEWERS AND ADOPTION OF MATERIALS.
6. PERMEABLE PAVING DESIGN BASED ON AN INFILTRATION RATE OF 4.8 x 10⁻³ M/S. TESTS TO BE CARRIED OUT ON SITE BY THE CONTRACTOR TO CONFIRM THE RATES.

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 file. The contractor shall satisfy 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 confirmed.
4. This drawing shall be read in conjunction with all relevant architects, consultants drawings and specifications, together with HBS 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 additive due to the client proceeding prior to these approvals is considered wholly at the Client's risk, gta hold no responsibility for resulting abortive works or costs.

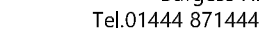
KEY

- Private surface water drain
- Private foul drain
- Adoptable foul sewer
- FIC Foul Plastic Inspection Chamber - D202.6
- SIC Surface Water Plastic Inspection Chamber - D202.6
- 300mm diameter Surface Water Access Chamber - D202.18
- 300mm diameter Foul Water Access Chamber - D202.18
- Yard gully - 300x x 600mm deep
- Private road gully
- FWMH Adoptable Foul Water Sewer Manhole
- Foul drain point D207.0
- Drain ending point
- SH Drain point for RWP D203.5
- Drainage channel
- 300mm wide x 450mm deep gravel filled trench drain
- Area of voided stone under permeable paving - refer to external works layout for details
- Service margin
- Distribution tank (hole) from roof drainage in permeable paving sub-base
- DT
- Proposed external levels
- CHECK DAM

ABBREVIATIONS

- D207.0 DETAIL NUMBER - SEE DRAINAGE DETAIL SHEET
- RD ROAD DRAIN
- SWD SURFACE WATER DRAIN
- FWS ADAPTABLE FOWL WATER SEWER
- SWS ADAPTABLE SURFACE WATER SEWER
- PH MANHOLE
- IC INSPECTION CHAMBER
- SA SKAWAY
- FIC 400mm DIA FOWL INSPECTION CHAMBER - D202.6
- SIC 400mm DIA SURFACE WATER INSPECTION CHAMBER - D202.6
- PAC 300mm DIA FOWL ACCESS CHAMBER - D202.18
- SAC 300mm DIA SURFACE WATER ACCESS CHAMBER - D202.18
- CI CAST IRON
- VC VITRIFIED CLAY
- CONC CONCRETE
- PVC-U POLY(VINYL CHLORIDE) - UNPLASTICISED
- G GRASS
- YG YARD GULLY - D202.6
- RG ROAD GULLY - D202.6
- CPG CAR PARK GULLY - D202.6
- SGR BELOW GRADE DRAIN POINT
- SPV SOIL VENT PIPE DROP
- SWP SURFACE WATER DISTRIBUTION TANK
- DT DISTRIBUTION TANK
- FFL FINISHED FLOOR LEVEL
- SFL STRUCTURAL SLAB LEVEL
- GL GROUND LEVEL
- CL COVER LEVEL
- IL INVERT LEVEL
- SL SUMP LEVEL
- HL HIGH LEVEL
- RL RACKTOP
- CBS CONCRETE BED & SURROUND
- CLASS GRANULAR BED & SURROUND
- CLASS GRANULAR BED



P2		Title block updated. Levels and bound added.		24.02.21		SL	HR
P1		PLANNING ISSUE		12.08.21		SL	HR
Rev	Amendments			Date	Des	Chk	
Status							
PRELIMINARY							
Client		 REDROW					
Architect		RHP					
Project		FORD LANE, YAPTON ADDITIONAL UNITS LAYOUT					
Title							
SITE DRAINAGE							
Date		AUGUST 2021			Scale @ A0		1:200
Clients Ref.					Project Ref.		11786
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Drawing Number						Rev.	
20160-GS-Y1-XX-DR-C-3602						P2	