MODULAR STORAGE TANK
4.0 x 6.5 x 1.2m DEEP
MIN COVER LEVEL 100.86m
MIN BASE LEVEL 99.058m
MIN TOP LEVEL 100.258m
PROVIDING 29.5m³ OF STORAGE
FOR THE 1 in 100yr EVENT +40%
CLIMATE CHANGE ALLOWANCE

1200mmø PCC CONTROL
CHAMBER ON EXISTING DRAIN
CL 100.17m
IL 98.97m
FITTED WITH HYDRO-BRAKE FLOW
CONTROL DEVICE LIMITING
DISCHARGE TO 5.0 L/SEC @ 1.3m
WORKING HEAD

NOTE! THE EXISTING DRAIN IS TO
CLEARED OF ANY DEBRIS (COIL FLEX
@ MH?) PRIOR TO COMMENCEMENT
OF CONSTRUCTION AND JET CLEANED
FOR FUTURE REUSE.

N

SIC CL101.645 IL100.975
SWD 100mmø 11.54m 1:60
SIC CL101.64 IL100.44
SWD 100mmø 7.27m 1:13.3
RP CL101.645 IL101.045
RP CL101.62 IL101.17
FFL101.795
SL101.645
FWD 100mmø 13.55m 1:40
FIC CL101.65 IL100.91
FIC CL101.16 IL100.41
SL101.180
FFL101.330
SIC CL101.70 IL100.70
SWD 100mmø 20.46m 1:182
FWD 100mmø 11.83m 1:80
FIC CL100.80 IL100.12
SL100.730
FFL100.880
FWMH 450mmø CL100.455 IL99.738 TYPE 3
RG 100.067 IL99.374
SCPit 1200mmø CL100.135 IL99.174 SL98.874
SWD 150mmø 6.99m 1:100 IL99.174
SIC CL99.93 IL99.244
SWD 150mmø 16.33m 1:100
CHANNEL DRAIN WITH SLOPING INVERTS
SIC CL100.50 IL99.400
SWD 100mmø 16.78m 1:113.5

SIC CL101.33 IL100.525
SWD 100mmø 12.25m 1:60
SIC CL101.155 IL100.44
SWD 100mmø 6.7m 1:80
SIC CL101.33 IL100.73
FWMH 450mmø CL101.375 IL100.57 TYPE 3
FFL101.480
SWD 100mmø 8.52m 1:57 IL100.21
RP CL101.33 IL100.83
FFL101.180
RP CL101.03 IL100.58
FIC CL101.17 IL100.42
FFL101.180
FWD 100mmø 13.08m 1:80
FWMH 450mmø CL100.465 IL99.630 TYPE 3
FW99.504
SWIL99.104
IL 99.466
ExFMH CL100.444 IL99.094
SWD 300mmø 31.97m 1:245
Exist FWD 100mmø 18.95m 1:65

RP CL100.675 IL100.225
SIC CL100.66 IL100.090
SWD 100mmø 7.92m 1:60
SL 100.675
SL 100.525
SWD 100mmø 10.37m 1:80
CL100.935 IL99.110
CL100.86 IL99.058
SMH 1200mmø CL100.42 IL99.043
SWD 300mmø 11.24m 1:245
SIC CL100.38 IL99.69
SWD 300mmø 6.55m 1:245
SControlMH 1200mmø CL100.17 IL98.97
150mmø 1:46
ExSMH CL 100.11 IL 98.91
SMH 1200mmø CL100.282 IL98.982
RG CL100.009
ExFMH CL100.253 IL99.393
ESS
Existing 150mmø SWD 1:31

Exist FWS 100mmø 27.27m 1:36

ExFMH 0601 CL99.38 IL98.27 1.11m Deep

SWIL97.846

Exist FWS 225mmø

ExFMH 9604

A27

MARSH BARN LANE

EXISTING WATERCOURSE

0 2 4 6 8 10 20 30
SCALE metres

KEY

- Existing Foul Drainage
- Existing Foul Drainage to be Abandoned and Removed
- Existing Storm Drainage
- Adoptable Spec. Foul Drainage
- Private Storm Drainage
- Private Foul Drainage
- FWMH — Adoptable Spec. Foul Sewer Manhole - Type 3
- SMH — Private PCC Storm Manhole
- SCPit — Private PCC Storm Catchpit Manhole
- FIC — Foul Plastic Inspection Chamber - D202.6
- SIC — Storm Plastic Inspection Chamber - D202.6
- SAC — 300mm ø Storm Water Access Chamber

- RP — Foul Water Rodding Point
- RP — Storm Water Rodding Point
- SVP — Soil and Vent Pipe
- BIG/FG — Back Inlet Gully
- RWP — Rain Water Pipe
- RG — Private Road Gully
- Channel Drain
- Direction of Fall
- Modular Storage Tank

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.

GENERAL NOTES

1. ALL ADOPTABLE HIGHWAY CONSTRUCTION WORKS SHALL BE CARRIED OUT TO THE STANDARD LAID DOWN IN THE WEST SUSSEX COUNTY COUNCIL SPECIFICATIONS, WITH A VIEW TO ADOPTION UPON COMPLETION.
2. ALL ADOPTABLE SEWERS SHALL BE CONSTRUCTED TO THE STANDARDS LAID DOWN IN "SEWERS FOR ADOPTION" 7th EDITION, AND SOUTHERN WATER SPECIFICATIONS, WITH A VIEW TO ADOPTION UPON COMPLETION.
3. BEFORE CONNECTIONS ARE MADE TO EXISTING DRAINAGE, IT'S LEVEL IS TO BE CHECKED AND CONFIRMED AGAINST LEVELS SHOWN ON THIS DRAWING AND THIS OFFICE INFORMED OF ANY SIGNIFICANT DIFFERENCE. **NOTE - NO NEW CONNECTIONS ARE TO BE MADE TO THE EXISTING PUBLIC SEWERS UNTIL A SECTION 106 AGREEMENT HAS BEEN APPROVED BY SOUTHERN WATER.**
4. ALL SEWERS WITH LESS THAN 1.2m OF COVER WHEN LAID BENEATH THE ROADS, OR 0.9m OF COVER IN OTHER AREAS, SHALL BE PROTECTED WITH CONCRETE IN ACCORDANCE WITH EITHER OF THE DETAILS SHOWN ON THE STANDARD DRAWING PROVIDED.
5. THE MINIMUM SIZE OF PIPE CONNECTING GULLIES TO THE DRAINAGE SYSTEM SHALL BE 150mm DIA. LAID AT A MINIMUM.
6. IN ORDER TO MAINTAIN THE SATISFACTORY FUNCTIONING OF THE DRAINAGE SYSTEM, ALL ROAD GULLIES AND CHANNEL DRAINS ARE TO BE "TRAPPED".
7. THE DESIGN IS SUCH THAT WATER FROM PRIVATE AREAS DOES NOT SHED TO ADOPTABLE AREAS AND VICA VERSA.
8. ALL PRIVATE SEWERS ARE TO BE 100mm DIA. UNLESS OTHERWISE STATED. THE PRIVATE DRAINAGE DESIGN ON THE PLAN HAS BEEN BASED ON THE PRINCIPLES OF A uPVC SYSTEM. IT CAN BE ADAPTED TO SUIT A STONEWARE SYSTEM BUT REFERENCE SHOULD BE MADE TO THIS OFFICE BEFORE AMENDMENTS ARE MADE.
9. ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT "H" BRITISH STANDARD 8301, AND TO THE SATISFACTION OF THE BUILDING CONTROL SECTION.
10. MANHOLES SITUATED WITHIN AREAS ACCESSIBLE TO MOTOR VEHICLES ARE TO BE FITTED WITH SUITABLE STRENGTH COVERS AND FRAMES.
11. WHERE DRAINS PASS THROUGH FOUNDATIONS, A FLEXIBLE JOINT SHOULD BE PROVIDED WITHIN 150mm OF THE FACE OF THE STRUCTURE. WHERE TYPE Z MANHOLES ARE EMPLOYED OR CONCRETE SURROUND IS ADDED TO OTHER MANHOLES, A ROCKER PIPE OF MAX 600mm IN LENGTH SHALL BE PROVIDED EITHER SIDE OF THE MANHOLE, LAID AT A SLIGHTLY STEEPER GRADIENT TO ALLOW FOR SETTLEMENT.
12. STUB STACKS FITTED WITH AIR ADMITTANCE VALVES MAY BE USED INSTEAD OF SOIL AND VENT PIPES, SUBJECT TO THE ARCHITECTS APPROVAL (EXCEPT WHERE THE DRAINAGE CONNECTION EXCEEDS 10m BEFORE CONNECTING WITH ANOTHER VENTILATED DRAIN OR INSPECTION CHAMBER OR MANHOLE). HEAD OF DRAIN VENT PIPES MUST NOT BE FITTED WITH AIR ADMITTANCE VALVES.
13. SHALLOW PRIVATE DRAINS MAY REQUIRE PROTECTION USING CONCRETE SURROUND OR PAVING SLABS BRIDGING THE TRENCH SUBJECT TO THE BUILDING INSPECTOR'S REQUIREMENTS.
14. APPROPRIATE MEASURES (TO BE AGREED WITH THE BUILDING CONTROL SECTION, ARE TO BE TAKEN TO DISCOURAGE RODENT ENTRY INTO THE PROPERTIES.
15. WHERE DRAIN RUNS PASS CLOSE TO BUILDINGS OR THEIR INVERT LEVELS ARE BELOW FOUNDATION LEVEL, THEN THE TRENCHES ARE TO BE BACKFILLED IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED.
16. REFERENCE SHOULD BE MADE TO THE STRUCTURAL ENGINEERS DETAILS FOR ALL ASPECTS OF FOUNDATION DESIGN AND CONSTRUCTION.
17. BEFORE DETERMINING THE AMOUNT OF FACE BRICKWORK TO EACH UNIT, CONSIDERATION MUST BE GIVEN TO THE PROPOSED FINISHED GROUND LEVELS IN THE VICINITY OF THE PROPERTY. THE LEVELS SHOWN ON THIS DRAWING HAVE BEEN DESIGNED UPON THE PARAMETERS SET DOWN IN THE APPROVED DOCUMENT 'M' OF THE BUILDING REGULATIONS 2000 (2004 EDITION).
18. 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.
19. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE.
20. IT IS THE SUBCONTRACTORS RESPONSIBILITY TO ENSURE COMPLIANCE WITH CURRENT BUILDING REGULATIONS AND CODES OF PRACTICE.

Rev	Amendments	Date	Dsn	Chk
-	ADD'NAL GARAGES PLANNING APPLICATION	09.09.20	DMS	ds

Status: PLANNING

Client: RANDALL & CHISNALL

Architect: FOLKES ARCHITECTS

Project: DEW POND CLOSE
OLD SHOREHAM Rd, LANCING

Title: DRAINAGE PLAN

Date	Scale @ A1
SEPTEMBER 2020	1:200
Base Layout Ref.	CAD File ref.
Clients Ref.	Project Ref. 6947

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Drawing Number: 6947/1063
Rev.: -