

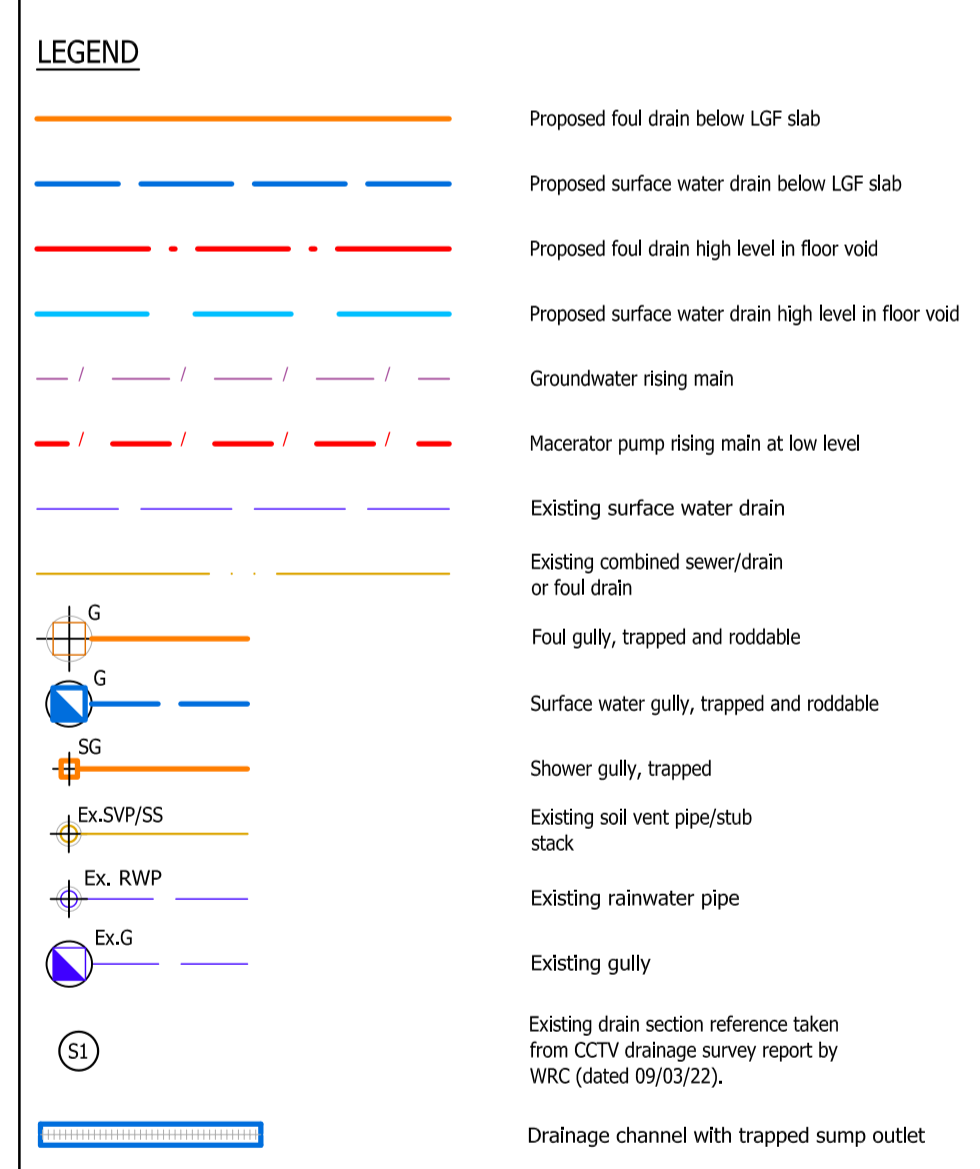
DRAINAGE - LOWER GROUND FLOOR INTERNAL AND BELOW GROUND EXTERNAL

SPECIFICATION NOTES

- All drainage shall be constructed and commissioned in accordance with BS EN 295 & BS EN752, Building Regulations Doc. H and any particular requirements of the Building Control Officer.
- Drainage pipelines shall be in PVC-u below ground as Marley or similar approved, or vitrified clay.
- This drawing shall be read in conjunction with all other relevant drainage drawings, architectural drawings and structural drawings.
- For manhole details, gully details, bedding etc., refer to GTA detail sheets.
- All foul water drain runs shall have a fall of 1:40 or steeper, unless noted otherwise.
- All cement used for concrete drainage installations shall be sulphate resistant to class 3 of BRE Digest 363. (Grade S75)
- The use of short radius or 90° bends for changes in direction is not permitted, only long or medium radius 45° bends shall be used. All junctions shall be 45°.
- All drains shall have granular bed and surround as class 'S' bedding, unless noted otherwise.
- All drainage works shall commence from the downstream end first unless agreed otherwise. Outfall level to be checked by contractor prior to any works commencing and any discrepancy identified to engineer prior to laying and drainage.

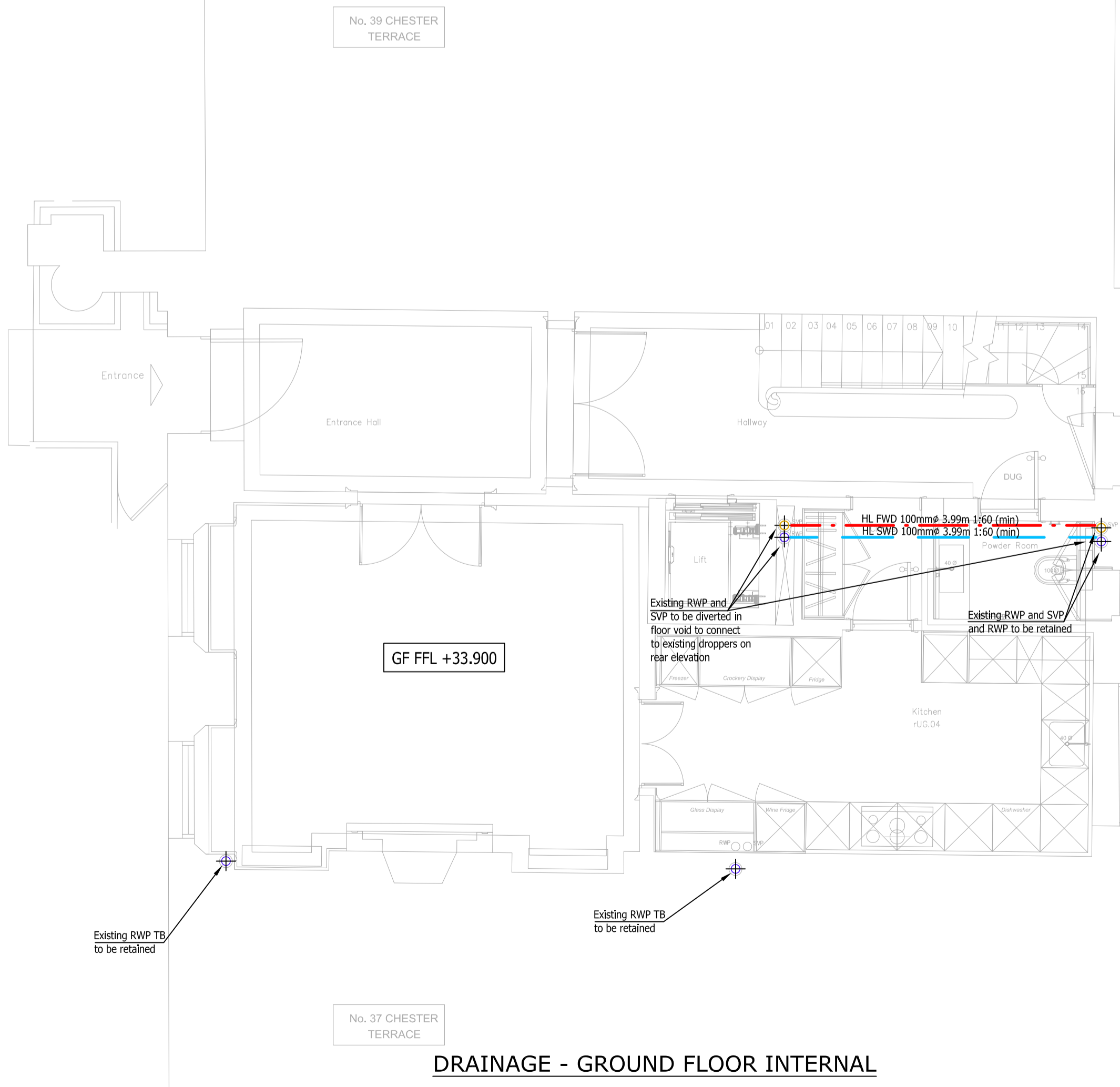
GENERAL NOTES

- 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 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.
- 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 H&S 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 Clients risk. gta hold no responsibility for resulting abortive works or costs.



LEGEND

CI	CAST IRON
CL	COVER LEVEL
CS	COMBINED SEWER
DP	DRAIN POINT
Ex.CMH	EXISTING COMBINED MANHOLE
Ex.G	EXISTING GULLY
Ex.RWP	EXISTING RAINWATER PIPE
Ex.VC	EXISTING VITRIFIED CLAY
FA	FROM ABOVE
FFL	FINISHED FLOOR LEVEL
G	GULLY
GF	GROUND FLOOR
LL	LOW LEVEL
IL	INVERT LEVEL
LGF	LOWER GROUND FLOOR
RWP	RAINWATER PIPE
SS	EXISTING STUB STACK
SSL	STRUCTURAL SLAB LEVEL
SVP	SOIL VENT PIPE
TB	TO BELOW
USSL	UNDERSIDE OF STRUCTURAL SLAB LEVEL



DRAINAGE - GROUND FLOOR INTERNAL

DESIGN NOTES

1. CONTRACTOR TO ESTABLISH LOCATIONS OF ALL EXISTING SERVICES PRIOR TO COMMENCING.

EXISTING DRAINAGE NOTE

THE EXISTING DRAINAGE INFORMATION SHOWN ON THIS DRAWING IS TAKEN FROM CCTV DRAINAGE SURVEY REPORTS BY EYES ON DRAINAGE (DATED 29/03/21) AND WRC (DATED 09/03/22).

REMEDIAL WORKS

THE FOLLOWING EXISTING DRAIN SECTIONS ARE IDENTIFIED WITHIN THE CCTV DRAINAGE SURVEY REPORT BY WRC AS REQUIRING DESCALING WITH A SPECIALIST PICOTE CUTTING MACHINE TO CLEAN AND CLEAR THE LINE TO RESTORE FLOWS:

S3
S6
S7
S9
S10
S13

FOLLOWING COMPLETION OF THE REMEDIAL WORKS, THESE DRAIN SECTIONS SHOULD BE RE-CCTV SURVEYED TO ASSESS THEIR CONDITION.

NOTE THAT SECTIONS 1, 2, 9, 11 & 12 ARE SHARED LINES AND THEREFORE ARE THE RESPONSIBILITY OF THAMES WATER TO MAINTAIN.

Rev	Amendments	Date	Dsn	Chk
C2	REVISED TO COMMENTS FROM ARCHITECT	10.05.22	JR	NS
C1	DRAINAGE IN LIGHTWELL CORRIDOR AMENDED TO ARCHITECT'S LATEST DETAILS.	09.05.22	JR	NS

Status	CONSTRUCTION			
Client	FORM STRUCTURES			
Architect	MAREK WOJCIECHOWSKI			
Project	38 CHESTER TERRACE LONDON NW1 4ND			
Title	BELOW GROUND DRAINAGE LOWER GROUND FLOOR & GROUND FLOOR LEVELS			
Date	APRIL 2021	Scale @ A1	1:50	
Clients Ref		Project Ref.	11122	

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Drawing Number	11122/1601	Rev.	C2
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