

DO NOT SCALE

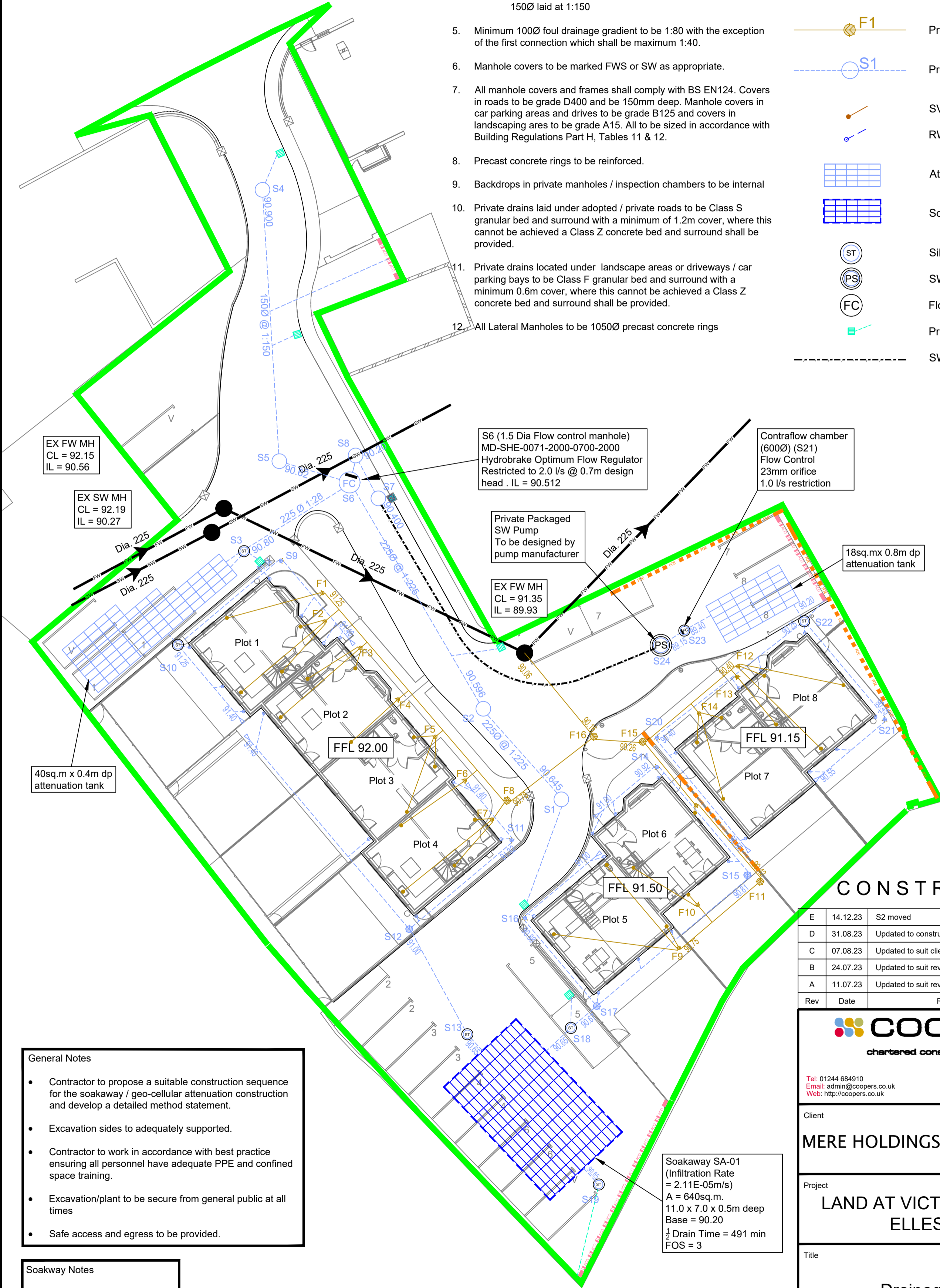


Notes

- All SVP and RWP connections are indicative and shall be confirmed by architect.
- Pipe gradients out of the building to connecting manhole to be laid at 1:40 in accordance with Building Regulations, Part H, Table 6.
- Where pipe sizes are not indicated 100Ø to be used for surface and foul unless stated otherwise.
- Minimum surface water gradients shall be:
100Ø laid at 1:100
150Ø laid at 1:150
- Minimum 100Ø foul drainage gradient to be 1:80 with the exception of the first connection which shall be maximum 1:40.
- Manhole covers to be marked FWS or SW as appropriate.
- All manhole covers and frames shall comply with BS EN124. Covers in roads to be grade D400 and be 150mm deep. Manhole covers in car parking areas and drives to be grade B125 and covers in landscaping areas to be grade A15. All to be sized in accordance with Building Regulations Part H, Tables 11 & 12.
- Precast concrete rings to be reinforced.
- Backdrops in private manholes / inspection chambers to be internal
- Private drains laid under adopted / private roads to be Class S granular bed and surround with a minimum of 1.2m cover, where this cannot be achieved a Class Z concrete bed and surround shall be provided.
- Private drains located under landscape areas or driveways / car parking bays to be Class F granular bed and surround with a minimum 0.6m cover, where this cannot be achieved a Class Z concrete bed and surround shall be provided.
- All Lateral Manholes to be 1050Ø precast concrete rings

Legend

- Site Boundary
- Existing Surface Water Sewer
- Existing Foul Water Sewer
- Proposed Private Foul
- Proposed Private Surface Water
- SVP
- RWP
- Attenuation Tank
- Soakaway
- Silt Trap (600Ø)
- SW Pump
- Flow Control
- Private Highway Gully
- SW Rising Main



CONSTRUCTION

Rev	Date	Revision	By	Appd.
E	14.12.23	S2 moved	AJ	AJ
D	31.08.23	Updated to construction	PW	AJ
C	07.08.23	Updated to suit client comments	PW	AJ
B	24.07.23	Updated to suit revised drainage design	AJ	AJ
A	11.07.23	Updated to suit revised drainage design	PW	AJ

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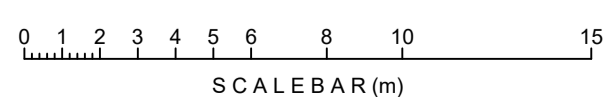
Client
MERE HOLDINGS (ELLESMERE) LTD

Project
LAND AT VICTORIA GARAGE, ELLESMERE.

Title
Drainage Layout

DRAWING NUMBER	SCALE at A2	1:200
8194 / 03	DATE	14.07.23
	DRAWN	PW
	CHECKED	AJ

REVISION
E



General Notes

- Contractor to propose a suitable construction sequence for the soakaway / geo-cellular attenuation construction and develop a detailed method statement.
- Excavation sides to adequately supported.
- Contractor to work in accordance with best practice ensuring all personnel have adequate PPE and confined space training.
- Excavation/plant to be secure from general public at all times
- Safe access and egress to be provided.

Soakaway Notes

- Soakaways to located entirely within suitable permeable strata
- All soakaways to be located a minimum of 5m from foundations