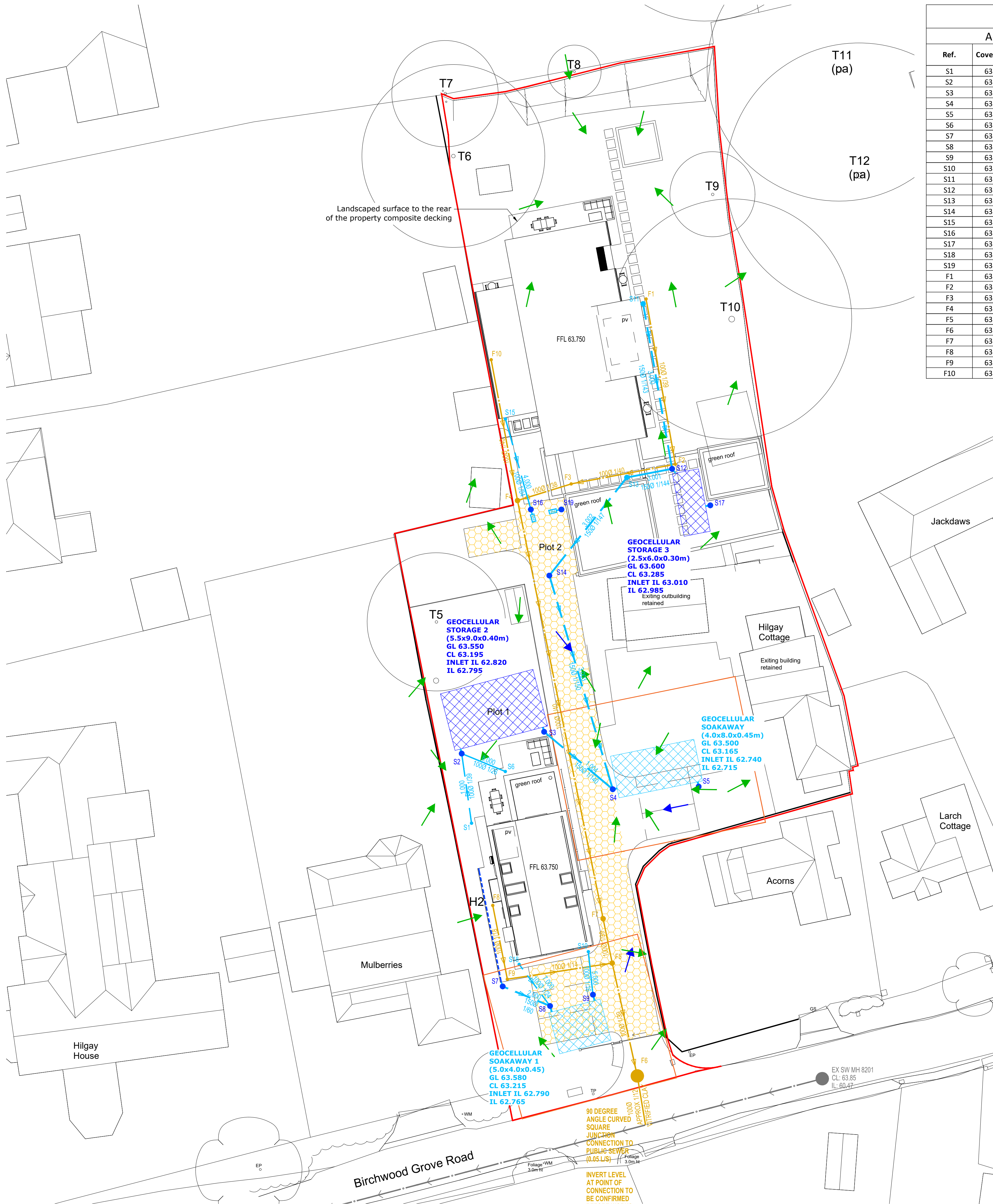




Access Fittings, Inspection Chambers and Manholes							
Ref.	Cover Level	Invert Level	Depth to Invert	Dia. (mm)	Type	Cover	
						Size	Grade
S1	63.550	63.050	0.500	250	4	190	A15
S2	63.550	62.830	0.720	500	4 (Catchpit)	350	A15
S3	63.550	62.810	0.740	500	4 (Catchpit)	350	A15
S4	63.500	62.750	0.750	500	4 (Catchpit)	350	C250
S5	63.500	62.750	0.750	500	4 (Catchpit)	350	C250
S6	63.600	63.050	0.550	250	4	190	A15
S7	63.500	62.880	0.620	500	4 (Catchpit)	350	A15
S8	63.580	62.800	0.780	500	4 (Catchpit)	350	C250
S9	63.580	62.800	0.780	500	4 (Catchpit)	350	C250
S10	63.600	63.050	0.550	250	4	190	A15
S11	63.610	63.110	0.500	450	4	350	A15
S12	63.600	63.000	0.600	500	4 (Catchpit)	350	A15
S13	63.600	62.970	0.630	450	4	350	A15
S14	63.560	62.890	0.670	500	4 (Catchpit)	350	C250
S15	63.600	63.250	0.350	250	4	190	A15
S16	63.600	63.145	0.455	500	4 (Catchpit)	350	C250
S17	63.600	63.020	0.580	500	4 (Catchpit)	350	A15
S18	63.600	63.050	0.550	250	4	190	A15
S19	63.600	63.145	0.455	500	4 (Catchpit)	350	C250
F1	63.600	63.100	0.500	250	4	190	A15
F2	63.600	62.700	0.900	250	4	190	A15
F3	63.600	62.450	1.150	250	4	190	A15
F4	63.600	62.310	1.290	450	4	350	B125
F5	63.560	61.200	2.360	450	4	350	C250
F6	63.740	60.920	2.820	1200	4	600	C250
F7	63.600	61.310	2.290	450	4	350	C250
F8	63.600	62.300	1.300	250	4	190	A15
F9	63.600	61.900	1.700	250	4	190	A15
F10	63.600	62.650	0.950	250	4	190	A15

1. All levels and dimensions are to be checked on site before any works commences. All dimensions are in metres unless stated otherwise.
2. Any discrepancies shall be reported to the engineer immediately, so that the necessary action can be sought from the manufacturer.
3. This drawing shall be read in conjunction with all other relevant engineering details, drawings and specification.
4. The contractor is to keep a record of any variations made on site, including the nature of the variation, or drains, for their "as built" drawings to be prepared upon project completion.
5. All works to adopted systems are to be carried out in accordance with Sewerage Service Agreement C, Approved Version 2.1, 25 May 2011. All works to sewerage systems are to be carried out in accordance with the Building Regulations Approved Document Part "H" 2015 edition.
6. 900mm min cover to be provided for unrestricted pipe laid beneath agricultural land and 1500mm min cover to be provided for unrestricted pipe to be provided for highways and parking areas with unrestricted access to vehicles with a gross weight of up to 40 tonnes. Where the ground is not firm, (i.e. possible drains, unachievable, shallow private drains) may require protection using ductile iron pipe, concrete surround or concrete slabs bridging the trench, subject to the pipe being suitably supported.
7. All pipes shall be laid soft to suit with outgoing pipes unless otherwise stated.
8. Manholes situated within areas accessible to motor vehicles are to be fitted with suitable strength covers and frames. Please refer to the manhole schedule for suitable manhole cover details at the detailed design stage.
9. This drawing has been based upon survey information supplied by Mabbey-Survey Ltd and Motcon cannot guarantee the accuracy of the data provided.
10. Adjacent areas of handstanding will comply with building regulations and divert water away from the buildings.
11. The top surface of the pervious pavement should be at least 150mm below any adjacent ground level. And should always be sought from the manufacturer.
12. Linear drainage channels are required to convey surface water for up to the 100 year event +5% climate change critical flow rate. Construction details and the supporting calculations are provided at the detailed design stage.
13. Please see Motcon drawing number 2403909-0801-01-P03 (Specs. Details). Subject to detail design.

Planning Site Boundary

Proposed Type A Total infiltration pervious pavement. Please see Motion drawing number 2403090-0801-01-P03 [Standard Details]. Subject to detailed design.

New Surface Water Linear Drainage with Sump Unit. Required to convey surface water for up to the 100 year + 45% climate change critical flow rate.

New Surface Water Catchall Chamber. Please see Motion drawing number 2403090-0801-01-P03 [Standard Details]. Subject to detailed design.

Proposed Pervious Pavement Sub Grade Slope / Flow Route

Geocellular Storage – suitable for minimum 335mm cover. Please see Motion drawing number 2403090-0801-01-P03 [Standard Details]. Subject to detailed design.

Geocellular Storage – suitable for minimum 300mm cover. Please see Motion drawing number 2403090-0801-01-P03 [Standard Details]. Subject to detailed design.

New Surface Water Gravity Pipe

New Surface Water Manhole

New Foul Water Manhole

New Foul Water Gravity Pipe

Indicative Existing Southern Water Foul Sewer and Manhole

Manholes must be located :

- 5m from any buildings
- 5m from public road
- 5m from boundary

Surface Water Diffuser Unit

Indicative Existing Flow Route

Drawing Status:


Guildford - Reading - London
www.motion.co.uk

Client:
Remmus Designer Homes Ltd

Project:
Hilgay Cottage, Birdwood Grove Road, Burgess Hill
RH15 0DL

Title:
Detailed Drainage Strategy

Scale: 1:200 (@ A1)

Drawing:
2403090-0501

Revision:
P06