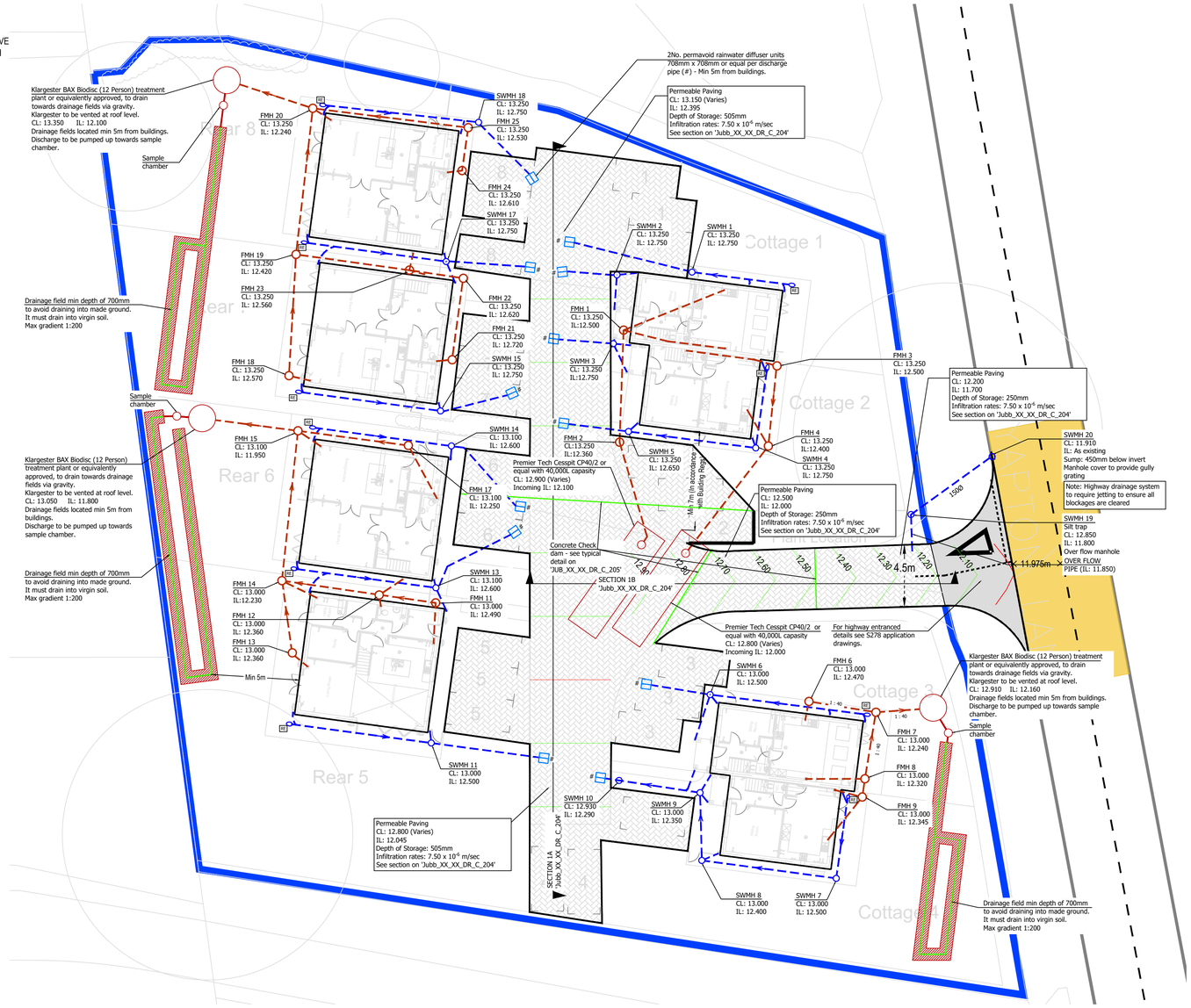

DRAINAGE PLAN
1:200

LEGEND

- 600mm min thick SW permeable paving
- FW drainage field
- 13.250 Proposed levels
- +13.45 Existing levels by 'Solent Surveys'
- 400mm high retaining wall
- Site boundary
- RE New rodding eye location
- New SW run
- New FW run
- New 2No. permavoid rainwater diffuser units 708mm x 708mm or equal per discharge pipe

FW Network MANHOLE SCHEDULE

MANHOLE NUMBER	COVER LEVEL (m)	INVERT LEVEL (m)	MANHOLE TYPE	MANHOLE SIZE	COVER SIZE	COVER GRADE	NOTES
FWMH 1	13.250	12.500	Type 3	0.600 Dia	600SQ	C250	Recessed MH cover (TBC by client)
FWMH 2	13.250	12.360	Type 3	0.600 Dia	600SQ	C250	Recessed MH cover (TBC by client)
FWMH 3	13.250	12.500	Type 3	0.600 Dia	600SQ	A15	Recessed MH cover (TBC by client)
FWMH 4	13.250	12.430	Type 3	0.600 Dia	600SQ	A15	Recessed MH cover (TBC by client)
FWMH 5	13.250	12.370	Type 3	0.600 Dia	600SQ	A15	Recessed MH cover (TBC by client)
FWMH 6	13.000	12.470	Type 3	0.600 Dia	600SQ	C250	Recessed MH cover (TBC by client)
FWMH 7	13.000	12.240	Type 3	0.600 Dia	600SQ	C250	Recessed MH cover (TBC by client)
FWMH 8	13.000	12.320	Type 3	0.600 Dia	600SQ	A15	Recessed MH cover (TBC by client)
FWMH 9	13.000	12.345	Type 3	0.600 Dia	600SQ	A15	Recessed MH cover (TBC by client)
FWMH 11	13.000	12.490	Type 3	0.600 Dia	600SQ	C250	Recessed MH cover (TBC by client)
FWMH 12	13.000	12.360	Type 3	0.600 Dia	600SQ	C250	
FWMH 13	13.000	12.360	Type 3	0.600 Dia	600SQ	A15	Recessed MH cover (TBC by client)
FWMH 14	13.000	12.230	Type 3	0.600 Dia	600SQ	A15	
FWMH 15	13.100	11.950	Type 3	0.600 Dia	600SQ	A15	Recessed MH cover (TBC by client)
FWMH 17	13.100	12.250	Type 3	0.600 Dia	600SQ	C250	Recessed MH cover (TBC by client)
FWMH 18	13.250	12.570	Type 3	0.600 Dia	600SQ	A15	Recessed MH cover (TBC by client)
FWMH 19	13.250	12.420	Type 3	0.600 Dia	600SQ	A15	
FWMH 20	13.250	12.240	Type 3	0.600 Dia	600SQ	C250	Recessed MH cover (TBC by client)
FWMH 21	13.250	12.720	Type 3	0.600 Dia	600SQ	C250	Recessed MH cover (TBC by client)
FWMH 22	13.250	12.620	Type 3	0.600 Dia	600SQ	C250	Recessed MH cover (TBC by client)
FWMH 23	13.250	12.560	Type 3	0.600 Dia	600SQ	C250	Recessed MH cover (TBC by client)
FWMH 24	13.250	12.610	Type 3	0.600 Dia	600SQ	C250	Recessed MH cover (TBC by client)
FWMH 25	13.250	12.530	Type 3	0.600 Dia	600SQ	C250	Recessed MH cover (TBC by client)

SW Network MANHOLE SCHEDULE

MANHOLE NUMBER	COVER LEVEL (m)	INVERT LEVEL (m)	MANHOLE TYPE	MANHOLE SIZE	COVER SIZE	COVER GRADE	NOTES
SW 1	13.250	12.750	Type C	0.450 Dia	600SQ	C250	Recessed MH cover (TBC by client) and sump 450mm below IL shown
SW 2	13.250	12.750	Type C	0.450 Dia	600SQ	C250	Recessed MH cover (TBC by client) and sump 450mm below IL shown
SW 3	13.250	12.750	Type C	0.450 Dia	600SQ	C250	Recessed MH cover (TBC by client) and sump 450mm below IL shown
SW 4	13.250	12.750	Type C	0.450 Dia	600SQ	A15	Recessed MH cover (TBC by client)
SW 5	13.250	12.650	Type C	0.450 Dia	600SQ	C250	Recessed MH cover (TBC by client) and sump 450mm below IL shown
SW 6	13.000	12.500	Type C	0.450 Dia	600SQ	C250	Recessed MH cover (TBC by client) and sump 450mm below IL shown
SW 7	13.000	12.500	Type C	0.450 Dia	600SQ	A15	Recessed MH cover (TBC by client)
SW 8	13.000	12.400	Type C	0.450 Dia	600SQ	A15	Recessed MH cover (TBC by client)
SW 9	13.000	12.350	Type C	0.450 Dia	600SQ	A15	Recessed MH cover (TBC by client)
SW 10	12.930	12.350	Type C	0.450 Dia	600SQ	C250	Recessed MH cover (TBC by client) and sump 450mm below IL shown
SW 11	13.000	12.500	Type C	0.450 Dia	600SQ	C250	Recessed MH cover (TBC by client) and sump 450mm below IL shown
SW 13	13.100	12.600	Type C	0.450 Dia	600SQ	C250	Recessed MH cover (TBC by client) and sump 450mm below IL shown
SW 14	13.100	12.600	Type C	0.450 Dia	600SQ	C250	Recessed MH cover (TBC by client) and sump 450mm below IL shown
SW 15	13.250	12.750	Type C	0.450 Dia	600SQ	C250	Recessed MH cover (TBC by client) and sump 450mm below IL shown
SW 17	13.250	12.750	Type C	0.450 Dia	600SQ	C250	Recessed MH cover (TBC by client) and sump 450mm below IL shown
SW 18	13.250	12.750	Type C	0.450 Dia	600SQ	C250	Recessed MH cover (TBC by client) and sump 450mm below IL shown
SW 19	12.850	11.800	Type C	0.450 Dia	600SQ	C250	Recessed MH cover (TBC by client)
SW 20	11.910	As Existing		0.900 Dia	600SQ*	D400	Sump min 450mm below IL. *gully grating cover

NOTES

1. All surface water drains to be min. 100mmØ @ 1:100, unless stated otherwise.
2. All foul water drains to be min. 100mmØ @ 1:40, unless stated otherwise.
3. All private drains based on uPVC drains. All adoptable drainage to be to adoptable standards (Clayware).
4. Levels TBC during further design stages.
5. Drainage Strategy based on principles from the planning strategy by ALP.
6. Where design connects to existing drains. Levels of existing sewers to be confirmed onsite prior to new connections being made.
7. All drain points to be set out in accordance with the architects drawings and layouts.
8. Cover levels are approximate and to be adjusted onsite to suit Landscape Architect's proposed levels

C4 DRAWINGS ARE YET TO BE APPROVED BY BUILDING CONTROL / PLANNING AUTHORITY / HIGHWAY AUTHORITIES. UNTIL APPROVAL IS RECEIVED, THERE IS A RISK OF CHANGES.

Rev	Date	Description	By	Apvd
C4	05.10.23	Permeable paving levels amended	AH	KG
C3	07.09.23	Overflow amended and manhole schedule updated	AH	KG
C2	06.07.23	Overflow pipe added	AH	KG
C1	03.04.23	C1 issue	KG	KG

PROJECT:
SPINDLEWOOD, ARUNDEL

TITLE:
DRAINAGE PLAN

CLIENT:
DUGAN HOMES

SCALE@A1:
AS SHOWN

PROJECT REF:
22394

DRAWING No: JUBB_XX_XX_DR_C_0201

REV: C4

Revision Referencing
P = Preliminary A = Approval T = Tender C = Construction

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