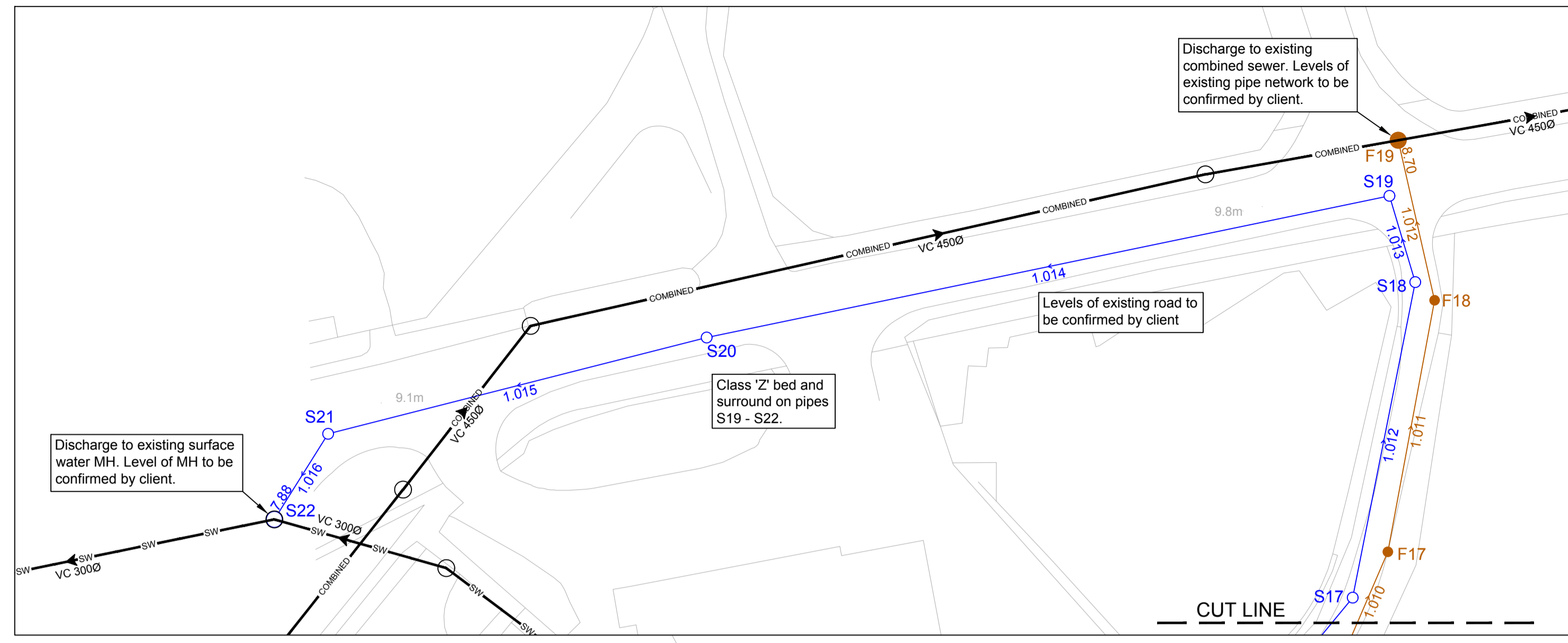
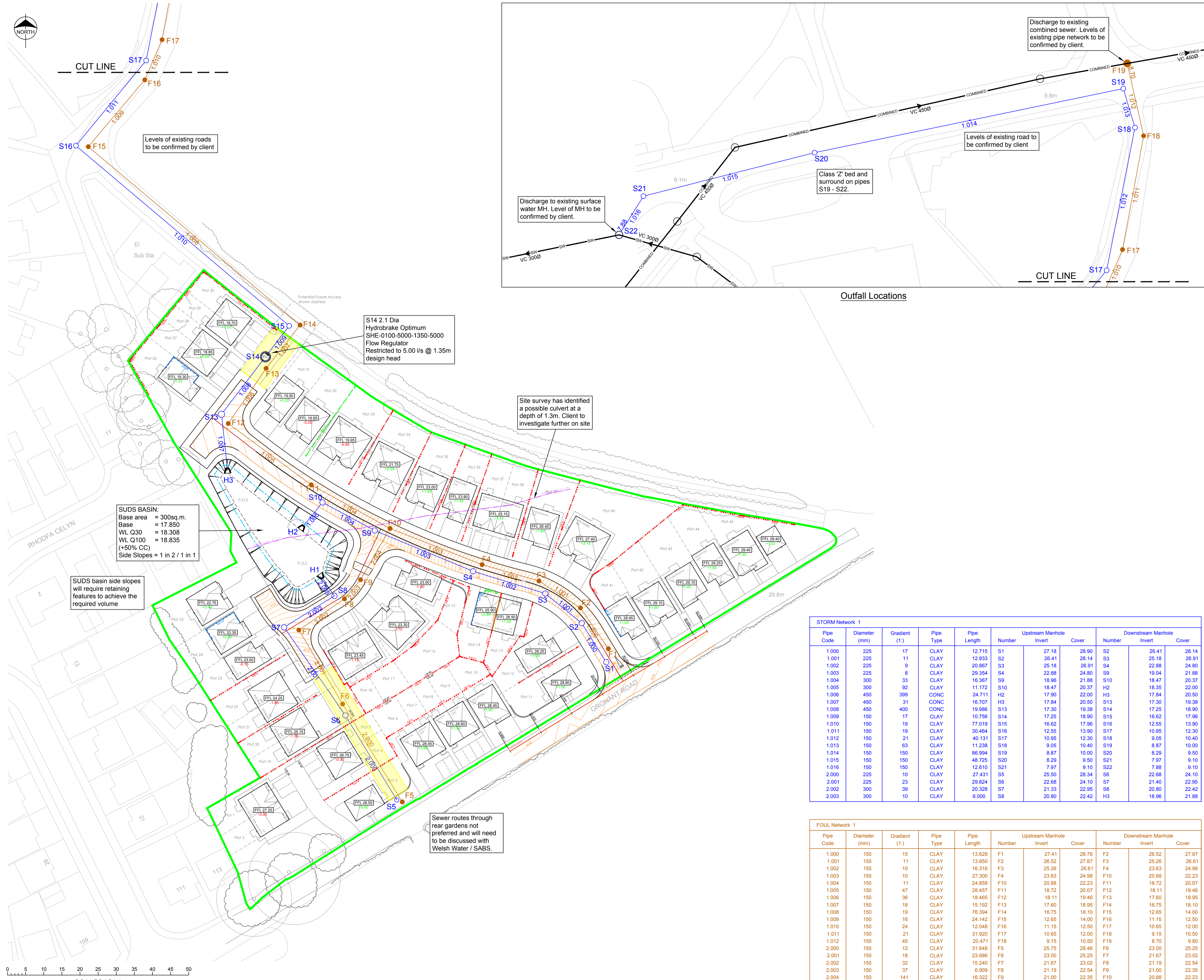


DO NOT SCALE



- Note**
1. This is a preliminary design demonstrating a drainage solution is achievable to discharge flows from the proposed development.
 2. The specification in all respects shall be in accordance with the Local CBC Specification and Construction publication in force in the county at the time of construction.

Legend

- Site Boundary
- Existing Foul Water Sewer
- Existing Combined Sewer
- Proposed Adoptable Surface Water Sewer
- Proposed Adoptable Foul Sewer
- Slab Level (FFL 47.40)
- Wall
- Underbuild
- Flag On Edge
- Depth of fill (Existing to Proposed)
 - +0.85
 - 0.95
- Easement

Note: Retention of 300mm and above has been shown for strategy stage. Small retaining features and underbuild of up to 225mm will also be required at other locations and will be shown at detailed design stage

STRATEGY

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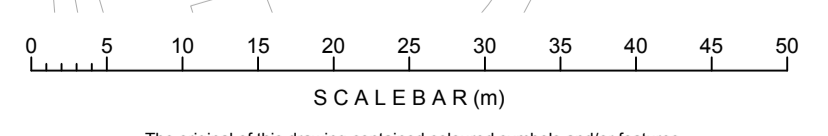


**MIDNANT FARM,
 PRESTATYN.**

Drainage Strategy

STORM Network 1										
Pipe Code	Diameter (mm)	Gradient (1:)	Pipe Type	Pipe Length	Number	Upstream Manhole Invert	Cover	Number	Downstream Manhole Invert	Cover
1.000	225	17	CLAY	12.715	S1	27.18	28.90	S2	26.41	28.14
1.001	225	11	CLAY	12.933	S2	26.41	28.14	S3	25.18	26.91
1.002	225	9	CLAY	20.867	S3	25.18	26.91	S4	22.88	24.80
1.003	225	8	CLAY	29.354	S4	22.88	24.80	S9	19.04	21.88
1.004	300	33	CLAY	16.367	S9	18.96	21.88	S10	18.47	20.37
1.005	300	92	CLAY	11.172	S10	18.47	20.37	H2	18.35	22.00
1.006	450	399	CONC	24.711	H2	17.90	22.00	H3	17.84	20.50
1.007	450	31	CONC	16.707	H3	17.84	20.50	S13	17.30	19.38
1.008	450	400	CONC	19.986	S13	17.30	19.38	S14	17.25	18.90
1.009	150	17	CLAY	10.756	S14	17.25	18.90	S15	16.62	17.96
1.010	150	19	CLAY	77.019	S15	16.62	17.96	S16	12.55	13.90
1.011	150	19	CLAY	30.464	S16	12.55	13.90	S17	10.95	12.30
1.012	150	21	CLAY	40.131	S17	10.95	12.30	S18	9.05	10.40
1.013	150	63	CLAY	11.238	S18	9.05	10.40	S19	8.87	10.00
1.014	150	150	CLAY	86.994	S19	8.87	10.00	S20	8.29	9.50
1.015	150	150	CLAY	48.725	S20	8.29	9.50	S21	7.97	9.10
1.016	150	150	CLAY	12.610	S21	7.97	9.10	S22	7.88	9.10
2.000	225	10	CLAY	27.431	S5	25.50	28.34	S6	22.68	24.10
2.001	225	23	CLAY	29.824	S6	22.68	24.10	S7	21.40	22.95
2.002	300	39	CLAY	20.328	S7	21.33	22.95	S8	20.80	22.42
2.003	300	10	CLAY	6.000	S8	20.80	22.42	H3	18.96	21.88

FOUL Network 1										
Pipe Code	Diameter (mm)	Gradient (1:)	Pipe Type	Pipe Length	Number	Upstream Manhole Invert	Cover	Number	Downstream Manhole Invert	Cover
1.000	150	15	CLAY	13.628	F1	27.41	28.76	F2	26.52	27.87
1.001	150	11	CLAY	13.650	F2	26.52	27.87	F3	25.26	26.61
1.002	150	10	CLAY	16.316	F3	25.26	26.61	F4	23.63	24.98
1.003	150	10	CLAY	27.300	F4	23.63	24.98	F10	20.88	22.23
1.004	150	11	CLAY	24.859	F10	20.88	22.23	F11	18.72	20.07
1.005	150	47	CLAY	28.457	F11	18.72	20.07	F12	18.11	19.46
1.006	150	36	CLAY	18.465	F12	18.11	19.46	F13	17.60	18.95
1.007	150	18	CLAY	15.192	F13	17.60	18.95	F14	16.75	18.10
1.008	150	19	CLAY	76.394	F14	16.75	18.10	F15	12.65	14.00
1.009	150	16	CLAY	24.142	F15	12.65	14.00	F16	11.15	12.50
1.010	150	24	CLAY	12.048	F16	11.15	12.50	F17	10.65	12.00
1.011	150	21	CLAY	31.920	F17	10.65	12.00	F18	9.15	10.50
1.012	150	45	CLAY	20.471	F18	9.15	10.50	F19	8.70	9.80
2.000	150	12	CLAY	31.848	F5	25.75	28.46	F6	23.00	25.25
2.001	150	18	CLAY	23.688	F6	23.00	25.25	F7	21.67	23.02
2.002	150	32	CLAY	15.240	F7	21.67	23.02	F8	21.19	22.54
2.003	150	37	CLAY	6.909	F8	21.19	22.54	F9	21.00	22.35
2.004	150	141	CLAY	16.322	F9	21.00	22.35	F10	20.88	22.23



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DRAWING NUMBER	SCALE at A1	1:500
8007 / SK03	DATE	24.11.22
	DRAWN	PW
	CHECKED	AJ
	REVISION	-