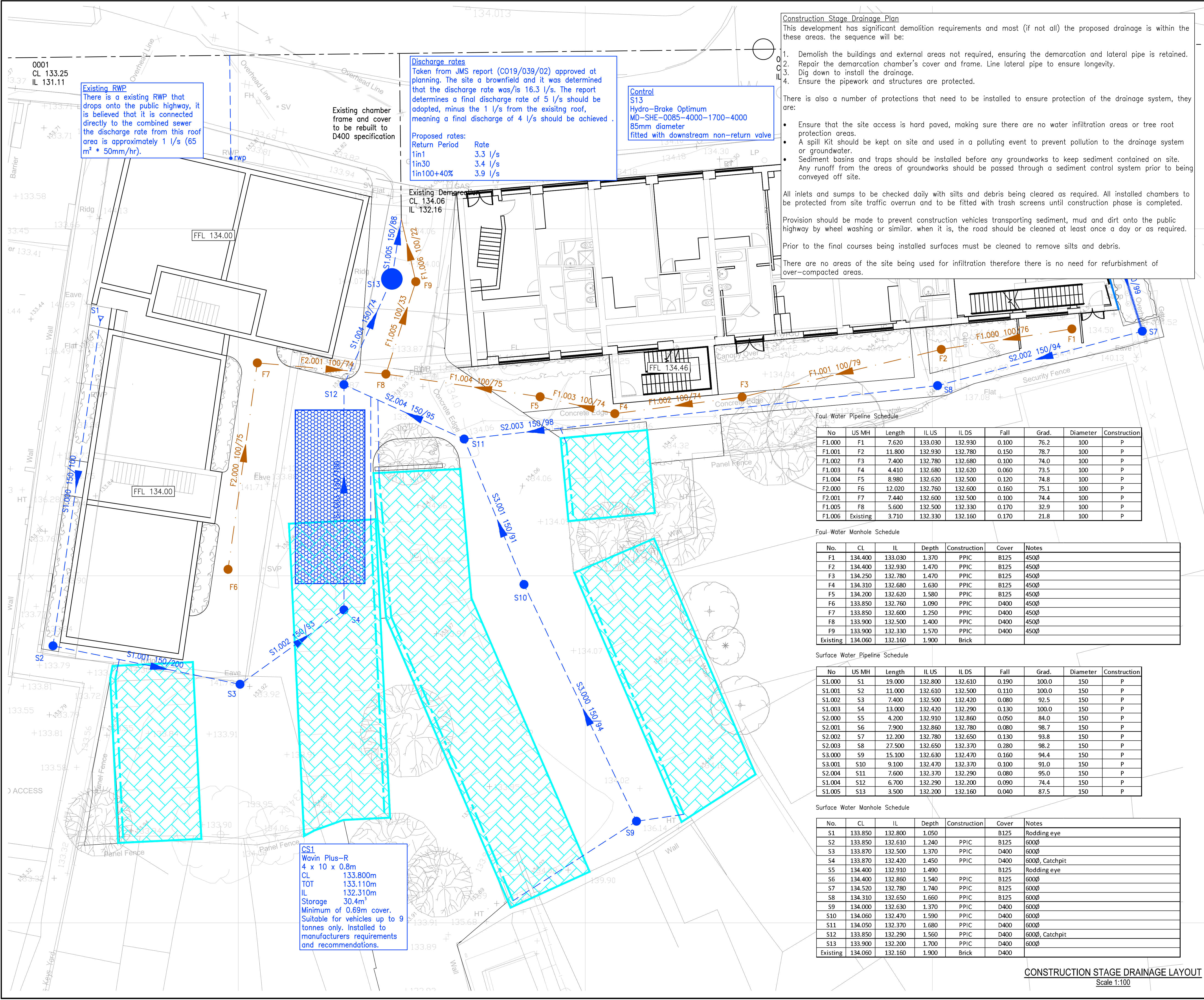




Construction Stage Drainage Plan

This development has significant demolition requirements and most (if not all) the proposed drainage is within the these areas. the sequence will be:

1. Demolish the buildings and external areas not required, ensuring the demarcation and lateral pipe is retained.
2. Repair the demarcation chamber's cover and frame. Line lateral pipe to ensure longevity.
3. Dig down to install the drainage.
4. Ensure the pipework and structures are protected.

There is also a number of protections that need to be installed to ensure protection of the drainage system, they are:

- Ensure that the site access is hard paved, making sure there are no water infiltration areas or tree root protection areas.
- A spill Kit should be kept on site and used in a polluting event to prevent pollution to the drainage system or groundwater.
- Sediment basins and traps should be installed before any groundworks to keep sediment contained on site. Any runoff from the areas of groundworks should be passed through a sediment control system prior to being conveyed off site.

All inlets and sumps to be checked daily with silts and debris being cleared as required. All installed chambers to be protected from site traffic overrun and to be fitted with trash screens until construction phase is completed.

Provision should be made to prevent construction vehicles transporting sediment, mud and dirt onto the public highway by wheel washing or similar. when it is, the road should be cleaned at least once a day or as required.

Prior to the final courses being installed surfaces must be cleaned to remove silts and debris.

There are no areas of the site being used for infiltration therefore there is no need for refurbishment of over-compacted areas.

No	US MH	Length	IL US	IL DS	Fall	Grad.	Diameter	Construction
F1.000	F1	7.620	133.030	132.930	0.100	76.2	100	P
F1.001	F2	11.800	132.930	132.780	0.150	78.7	100	P
F1.002	F3	7.400	132.780	132.680	0.100	74.0	100	P
F1.003	F4	4.410	132.680	132.620	0.060	73.5	100	P
F1.004	F5	8.980	132.620	132.500	0.120	74.8	100	P
F2.000	F6	12.020	132.760	132.600	0.160	75.1	100	P
F2.001	F7	7.440	132.600	132.500	0.100	74.4	100	P
F1.005	F8	5.600	132.500	132.330	0.170	32.9	100	P
F1.006	Existing	3.710	132.330	132.160	0.170	21.8	100	P

No.	CL	IL	Depth	Construction	Cover	Notes
F1	134.400	133.030	1.370	PPIC	B125	4500
F2	134.400	132.930	1.470	PPIC	B125	4500
F3	134.250	132.780	1.470	PPIC	B125	4500
F4	134.310	132.680	1.630	PPIC	B125	4500
F5	134.200	132.620	1.580	PPIC	B125	4500
F6	133.850	132.760	1.090	PPIC	D400	4500
F7	133.850	132.600	1.250	PPIC	D400	4500
F8	133.900	132.500	1.400	PPIC	D400	4500
F9	133.900	132.330	1.570	PPIC	D400	4500
Existing	134.060	132.160	1.900	Brick		

No	US MH	Length	IL US	IL DS	Fall	Grad.	Diameter	Construction
S1.000	S1	19.000	132.800	132.610	0.190	100.0	150	P
S1.001	S2	11.000	132.610	132.500	0.110	100.0	150	P
S1.002	S3	7.400	132.500	132.420	0.080	92.5	150	P
S1.003	S4	13.000	132.420	132.290	0.130	100.0	150	P
S2.000	S5	4.200	132.910	132.860	0.050	84.0	150	P
S2.001	S6	7.900	132.860	132.780	0.080	98.7	150	P
S2.002	S7	12.200	132.780	132.650	0.130	93.8	150	P
S2.003	S8	27.500	132.650	132.370	0.280	98.2	150	P
S3.000	S9	15.100	132.630	132.470	0.160	94.4	150	P
S3.001	S10	9.100	132.470	132.370	0.100	91.0	150	P
S2.004	S11	7.600	132.370	132.290	0.080	95.0	150	P
S1.004	S12	6.700	132.290	132.200	0.090	74.4	150	P
S1.005	S13	3.500	132.200	132.160	0.040	87.5	150	P

No.	CL	IL	Depth	Construction	Cover	Notes
S1	133.850	132.800	1.050		B125	Rodding eye
S2	133.850	132.610	1.240	PPIC	B125	6000
S3	133.870	132.500	1.370	PPIC	D400	6000
S4	133.870	132.420	1.450	PPIC	D400	6000, Catchpit
S5	134.400	132.910	1.490		B125	Rodding eye
S6	134.400	132.860	1.540	PPIC	B125	6000
S7	134.520	132.780	1.740	PPIC	B125	6000
S8	134.310	132.650	1.660	PPIC	B125	6000
S9	134.000	132.630	1.370	PPIC	D400	6000
S10	134.060	132.470	1.590	PPIC	D400	6000
S11	134.050	132.370	1.680	PPIC	D400	6000
S12	133.850	132.290	1.560	PPIC	D400	6000, Catchpit
S13	133.900	132.200	1.700	PPIC	D400	6000
Existing	134.060	132.160	1.900	Brick	D400	

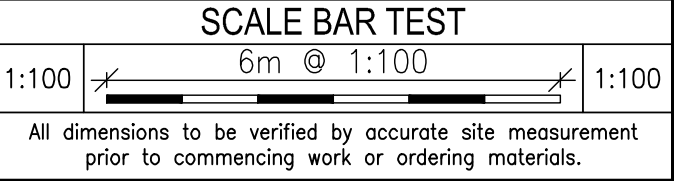
CONSTRUCTION STAGE DRAINAGE LAYOUT
Scale 1:100

DO NOT SCALE

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NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DWS DRAWINGS, CALCULATIONS, REPORTS AND SPECIFICATIONS (WHERE APPLICABLE) AND, ALL OTHER RELEVANT ENGINEERS, ARCHITECTS & SPECIALIST DESIGN DETAILS.
2. **STANDARD NOTES & DETAILS:**
Refer to drawing number 0-170 onwards for standard notes - CIVIL
Refer to drawing number 0-180 onwards for standard details - CIVIL



- KEY**
- Surface Water Pipe (Private)
 - Half Perforated Surface Water Pipe
 - Surface Water Chamber (Private)
 - ▶ Rodding Eye
 - Linear Drain
 - Attenuation Tank
 - Permeable Paving
 - Fin Drain
 - Foul Water Pipe (Private)
 - Foul Water Chamber (Private)
 - Exceedence Flow Route
 - Existing Combined Water Sewer
 - Site Boundary

NOT FOR CONSTRUCTION

P1

First issue

12.12.24

LM

Ref

Revision

Date

By

Issue

PRELIMINARY



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Project Title

WOOD STREET,
HINCKLEY

Drawn

LM

Engineer

LM

Checked

BP

Scale at

1:100 @ A1

Date

DEC 2024

Drawing Title

CONSTRUCTION STAGE DRAINAGE LAYOUT

Project No.

24-21614

Drawing No.

0-501

Revision

P1

BIM Code