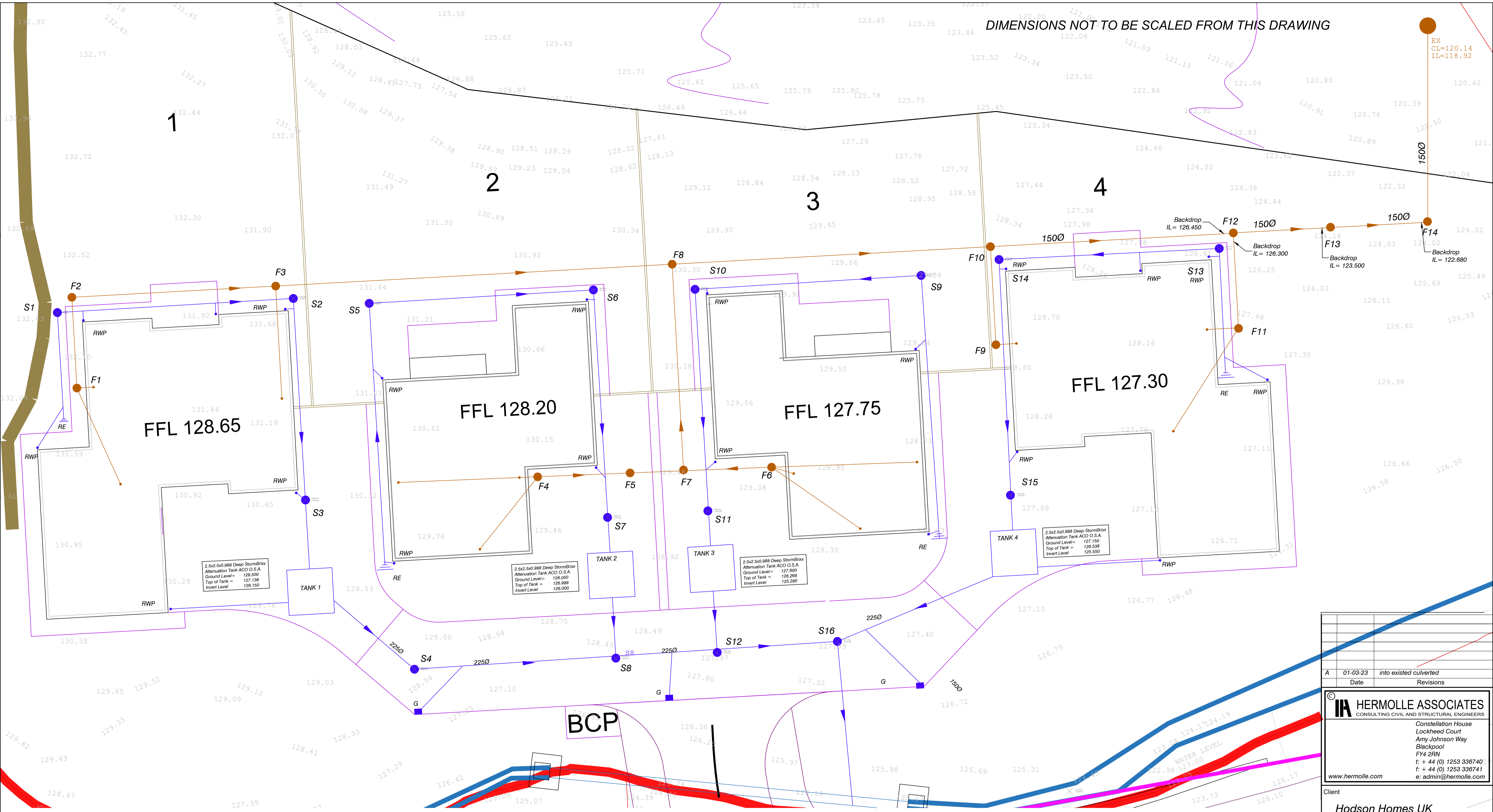


DIMENSIONS NOT TO BE SCALED FROM THIS DRAWING



EX
CL=120.14
IL=118.92

- KEY Proposed Drainage Layout**
- 1000 Foul water drainage pipe u.n.o.
 - Foul water inspection chamber
 - New surface water drainage pipe -1000 to first inspection chamber then 150 Ø thereafter unless noted otherwise
 - Surface water inspection chamber
 - Existing ground levels
 - RE Rodding Eye
 - RWP Rainwater Pipe
 - G Road gully

Foul Water Manhole Schedule

COVER LEVELS AND DEPTHS TO BE CONFIRMED WHEN ALL LANDSCAPE LEVELS HAVE BEEN FINALISED

REF	CL(m)	IL(m)	DEPTH(m)	DIA. IN	DIA. OUT	TYPE
F1	128.500	127.650	0.850	100	100	PP
F2	128.500	127.580	0.940	100	100	PP
F3	128.500	127.370	1.130	100	100	PP
F4	128.050	127.240	0.810	100	100	PP
F5	128.050	127.180	0.870	100	100	PP
F6	127.600	127.190	0.410	100	100	PP
F7	127.600	127.140	0.460	100	100	PP
F8	127.600	127.000	0.600	100	100	PP
F9	127.150	126.610	0.540	100	100	PP
F10	127.150	126.580	0.590	100	100	PP
F11	127.150	126.400	0.750	100	100	PP
F12	127.150	123.550	3.600	100	150	PC
F13	124.000	122.720	1.280	150	150	PC
F14	123.600	119.170	4.430	150	150	PC
EX	120.140	118.920	1.220	150	150	PC

All cover levels indicated are approximate, based on existing ground levels and existing sewer records obtained by United Utilities and must be confirmed by the Architect prior to commencement of drainage works

Surface Water Manhole Schedule

COVER LEVELS AND DEPTHS TO BE CONFIRMED WHEN ALL LANDSCAPE LEVELS HAVE BEEN FINALISED

REF	CL(m)	IL(m)	DEPTH(m)	DIA. IN	DIA. OUT	TYPE	Ø(mm)
S1	128.500	128.000	0.500			PP	
S2	128.500	127.950	0.550			PP	
S3*	128.500	127.730	0.770			PP	
TANK1	127.138	126.150	0.988	Ground Level = 128.500			
S4	128.500	126.100	2.400			PC	
S5	128.050	127.500	0.550			PP	
S6	128.050	127.360	0.690			PP	
S7*	128.050	127.220	0.830			PP	
TANK2	126.988	126.000	0.988	Ground Level = 128.050			
S8	128.500	125.900	2.600			PC	
S9	127.600	127.000	0.600			PP	
S10	127.600	126.860	0.740			PP	
S11*	127.600	126.720	0.880			PP	
TANK3	126.268	125.280	0.988	Ground Level = 127.600			
S12	128.000	125.130	2.870			PC	
S13	127.150	126.550	0.600			PP	
S14	127.150	126.410	0.740			PP	
S15*	127.150	126.270	0.880			PP	
TANK4	126.538	125.550	0.988	Ground Level = 127.150			
S16*	127.400	125.067	2.333			PC	

S16 to be fitted with flow restrictor valve (Hydro Brake' O.S.A) limited to 5l/s outflow
* S3,7,11,15 to be fitted with silt trap

All cover levels indicated are approximate, based on existing ground levels and existing sewer records obtained by United Utilities and must be confirmed by the Architect prior to commencement of drainage works

POLYPROPYLENE INSPECTION CHAMBERS:
NAYLOR DENROD PLASTIC INSPECTION CHAMBER OR SIMILAR APPROVED.
-ENCASED IN 150mm CONC. SURROUND WHERE POSITIONED IN CARRIAGEWAY.

P.C. CONCRETE CHAMBERS:
TO BE FORMED OUT OF PRECAST RINGS TO SPECIFIC DIAMETER DETAILED.

DRAINAGE PIPES TO BE:
VITRIFIED CLAY IN COMPLIANCE WITH BS EN285.
OR ALTERNATIVELY uPVC IN COMPLIANCE WITH BS4690 / BS5481.

PC - Denotes Precast concrete rings
EB - Denotes Engineering Brickwork
PP - Denotes Proprietary Polypropylene

ALL GULLIES AND RAINWATER PIPES TO BE TRAPPED.

CONCRETE TO MANHOLE BASE AND SURROUND TO BE GRADE 30C.

THIS DRAWING IS TO BE TREATED AS PRELIMINARY UNTIL THE STATUTORY AUTHORITY HAS CONFIRMED THAT THE EXISTING SEWER CAPACITIES ARE SUFFICIENT AND RECEIVE THE ADDITIONAL DISCHARGE AS INDICATED.

GENERAL NOTES:
ALL DIMENSIONS IN mm U.N.O.
ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING

ANY DISCREPANCIES BETWEEN THE INFORMATION SHOWN ON THIS DRAWING AND EXISTING DETAILS FOUND ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY

THE WORKS ASSOCIATED WITH THIS DESIGN DRAWING ARE SUBJECT TO THE CONSTRUCTION (DESIGN & MANAGEMENT) REGULATION 2015 (CDM2015). THESE REGULATIONS PLACE LEGAL RESPONSIBILITIES ON THE CLIENT AND CONTRACTORS AS WELL AS THE DESIGNERS. THIS PROJECT MAY BE NOTIFIABLE UNDER THE REGULATIONS - REFER TO WWW.HSE.GOV.UK/CONSTRUCTION/CDM/2015 OR PLEASE CONTACT HERMOLLE ASSOCIATES FOR FURTHER SPECIFIC GUIDANCE.

A	01-03-23	into existed	Revisions
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Project
Bowland View, Fish House Lane, Chipping PR3 2QP

Drawing Title
Proposed New Build Development - Drainage Layout

Scale 1:100 @ A1 Date 12-02-23

Designed c.j.h. Drawn C. Atkinson

Checked C.J.H. Approved C.J.H.

Drg.No. **8682/DR/01**

Revision A