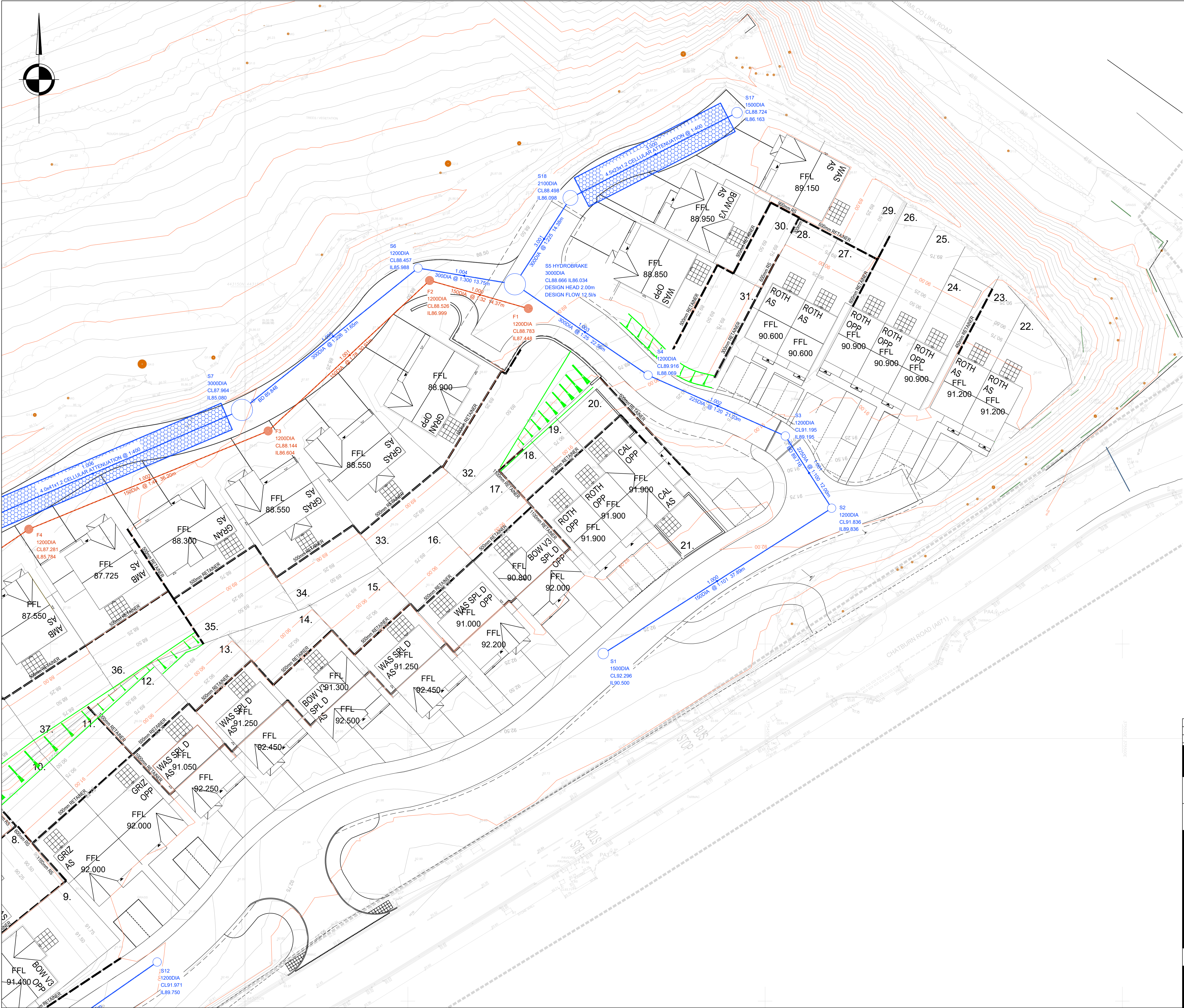




GENERAL NOTES

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.

ALL RELEVANT DIMENSIONS TO BE OBTAINED/CHECKED AGAINST ARCHITECT'S DRAWINGS AND BY SITE MEASUREMENT PRIOR TO THE COMMENCEMENT OF WORKS OR ORDERING OF MATERIALS. DISCREPANCIES BETWEEN THE DRAWINGS AND SITE CONDITIONS TO BE NOTIFIED TO THE ENGINEER.

DO NOT SCALE FROM THIS DRAWING.

DRAINAGE STRATEGY

ANY PROPOSED DRAINAGE SCHEME SHOULD MINIMISE THE RATE OF RUNOFF FROM THE SITE TO GREENFIELD RUNOFF RATES. PLANNING POLICY GUIDANCE SUGGESTS THE FOLLOWING HIERARCHY FOR SURFACE WATER DISCHARGE:-

1. INTO THE GROUND (INFILTRATION)
2. TO A SURFACE WATER BODY;
3. TO A SURFACE WATER SEWER;
4. TO A COMBINED SEWER.

BRE365 SOAKAWAY TESTING HAS NOT BEEN UNDERTAKEN AS THE SITE INVESTIGATION CONFIRMED THE SITE TO BE UNDERLAIN BY IMPERMEABLE STRATA, WITH WATER BEING ENCOUNTERED AT DEPTHS BETWEEN 1.0-1.50M BELOW GROUND LEVEL WITHIN 7 OF THE 9 BOREHOLES.

THE NEXT OPTION FOR DISCHARGE OF SURFACE WATER IS TO THE ON SITE WATERCOURSE AT A CONTROLLED RATE.

DRIVEWAYS ARE TO BE CONSTRUCTED USING PERMEABLE PAVING SURFACE WATER WILL PASS THROUGH THE STONE LAYER BENEATH, BEFORE BEING PICKED UP IN A COLLECTOR DRAIN AND TAKEN TO THE FORMAL NETWORK.

SURFACE WATER FROM HOUSE ROOF AREAS WILL PASS THROUGH BIORETENTION PLANTERS BEFORE ENTERING THE FORMAL DRAINAGE SYSTEM.

HIGHWAYS WILL BE SERVED BY TRAPPED GULLIES. WITH HIGHWAY, ROOF AND DRIVEWAY AREAS ALL BEING SERVED BY GEOCELLULAR ATTENUATION BASKETS UNDERNEATH THE HIGHWAY. ALL ATTENUATION FEATURES HAVE BEEN DESIGNED FOR RETURN PERIODS OF 100 YEARS PLUS A 50% ALLOWANCE FOR CLIMATE CHANGE AND A 10% ALLOWANCE FOR URBAN CREEP.

THE FLOW WILL BE RESTRICTED USING A VORTEX FLOW CONTROL DEVIDE TO THE 1 YEAR GREENFIELD RUNOFF RATE FOR THE CORRESPONDING EVENT, AND QBAR FOR RETURN PERIODS ABOVE THAT UP TO THE DESIGNED RETURN PERIOD OF 100 YEARS PLUS A 50% ALLOWANCE FOR CLIMATE CHANGE AND A 10% ALLOWANCE FOR URBAN CREEP.

SURFACE WATER WILL DISCHARGE INTO A WETLAND AREA. IT WILL PASS THROUGH THIS AREA BEFORE DISCHARGING INTO THE EXISTING ON SITE WATERCOURSE.

- ALL EXISTING DRAINAGE LEVELS TO BE CHECKED PRIOR TO COMMENCEMENT
- DISCHARGE LOCATION AND FLOW RATE SUBJECT TO LP/ALFA AGREEMENT
- ⚠ BURIED SERVICES - CONTRACTOR TO CAT SCAN AND IDENTIFY ANY BURIED SERVICES PRIOR TO COMMENCEMENT
- ⛔ GROUND TO BE BATTERED BACK AT MIN 1:1 DURING DEEP EXCAVATIONS - IF THIS CANNOT BE ACHIEVED THEN TEMPORARY SHORING WORKS TO BE DESIGNED BY THE CONTRACTOR
- ⛔ ATTENUATION BASKETS TO BE SUITABLE GRADE/STRENGTH

THESE NOTES ARE BASED ON THE USE OF EXPERIENCED AND COMPETENT CONTRACTORS CARRYING OUT THE WORK USING AN APPROVED SAFE METHOD OF WORKING

KEY TO HEALTH AND SAFETY SYMBOLS

- INDICATES A RESIDUAL RISK REQUIRING COMPULSORY ACTION
- ⓘ INDICATES A RESIDUAL RISK FOR INFORMATION
- ⛔ INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION
- ⚠ INDICATES A RESIDUAL RISK AS A WARNING

P02	23/04/2026	UPDATED NOTATION AROUND RETAINING STRUCTURES. NOTE REGARDING PUMP				RG	MG	MG
P01	22/04/2026	PRELIMINARY ISSUE				RG	MG	MG
REV	DATE	DESCRIPTION				BY	CHK	APP

DRAWING STATUS:

PRELIMINARY

CLIENT:

OAKMERE HOMES

ARCHITECT:

PROJECT:

CHATBURN ROAD
PHASE 3

TITLE:

DRAINAGE LAYOUT
SHEET 2

STATUS:	PROJECT No:	ORIGINATOR	PHASE	LEVEL	TYPE	ROLE	DRAWING No:	REV:
S2	26117 - GAD - 00 - 00 - DR - C - 1002							P02

SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
1:250	RG	RG	MG	MG	APRIL 2026

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