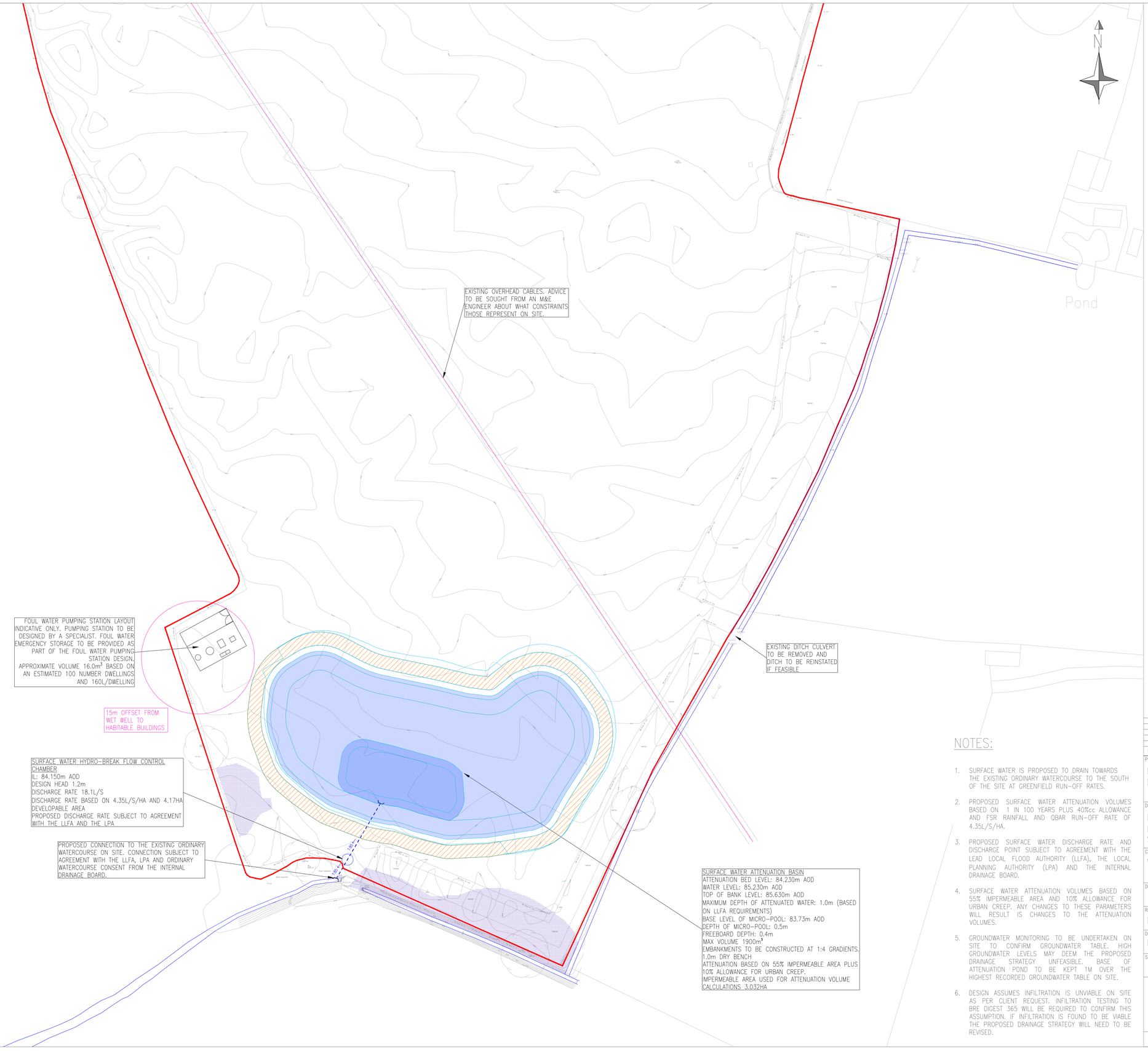

KEY:

- PROPOSED SURFACE WATER SEWER
- PROPOSED SURFACE WATER MANHOLE. SIZE AND LOCATION TO BE CONFIRMED AT DETAILED DESIGN STAGE.
- PROPOSED FOUL WATER SEWER
- PROPOSED FOUL WATER MANHOLE. SIZE AND LOCATION TO BE CONFIRMED AT DETAILED DESIGN STAGE.
- EXISTING SEVERN TRENT WATER FOUL WATER SEWER.
- EXISTING SEVERN TRENT WATER SURFACE WATER SEWER.
- PROPOSED ADOPTABLE SURFACE WATER ATTENUATION POND
- ATTENUATION BASIN 3.5m EASEMENT
- AREA AT HIGH RISK FROM SURFACE WATER FLOODING
- EXISTING ORDINARY WATERCOURSE
- APPROXIMATE LAND OWNERSHIP BOUNDARY

NOTES:

1. SURFACE WATER IS PROPOSED TO DRAIN TOWARDS THE EXISTING ORDINARY WATERCOURSE TO THE SOUTH OF THE SITE AT GREENFIELD RUN-OFF RATES.
2. PROPOSED SURFACE WATER ATTENUATION VOLUMES BASED ON 1 IN 100 YEARS PLUS 40%cc ALLOWANCE AND FSR RAINFALL AND QBAR RUN-OFF RATE OF 4.35L/S/HA.
3. PROPOSED SURFACE WATER DISCHARGE RATE AND DISCHARGE POINT SUBJECT TO AGREEMENT WITH THE LEAD LOCAL FLOOD AUTHORITY (LLFA), THE LOCAL PLANNING AUTHORITY (LPA) AND THE INTERNAL DRAINAGE BOARD.
4. SURFACE WATER ATTENUATION VOLUMES BASED ON 55% IMPERMEABLE AREA AND 10% ALLOWANCE FOR URBAN CREEP. ANY CHANGES TO THESE PARAMETERS WILL RESULT IS CHANGES TO THE ATTENUATION VOLUMES.
5. GROUNDWATER MONITORING TO BE UNDERTAKEN ON SITE TO CONFIRM GROUNDWATER TABLE. HIGH GROUNDWATER LEVELS MAY DEEM THE PROPOSED DRAINAGE STRATEGY UNFEASIBLE. BASE OF ATTENUATION POND TO BE KEPT 1M OVER THE HIGHEST RECORDED GROUNDWATER TABLE ON SITE.
6. DESIGN ASSUMES INFILTRATION IS UNVIABLE ON SITE AS PER CLIENT REQUEST. INFILTRATION TESTING TO BRE DIGEST 365 WILL BE REQUIRED TO CONFIRM THIS ASSUMPTION. IF INFILTRATION IS FOUND TO BE VIABLE THE PROPOSED DRAINAGE STRATEGY WILL NEED TO BE REVISED.

REV:	AMENDMENTS:	DRN:	CHK:	DATE:
P05	REVISED TO CLIENT COMMENTS	PM	ID	05.10.22
P04	REVISED TO CLIENT COMMENTS	PM	ID	29.09.22
P03	REVISED TO CLIENT COMMENTS	ID	ID	19.07.22
P02	REVISED SITE BOUNDARY	ME	ID	17.05.22
P01	FIRST ISSUE	ID	WO	14.04.22

Project:
LAND OFF RUGBY ROAD
BRINKLOW

Drawing title:
PROPOSED INDICATIVE DRAINAGE STRATEGY SHEET 2 OF 2

Client:
WILLIAM DAVIS LTD.

Drawing number:
100722_01_0500_01.2

Revision:	Project Reference:	Scale:
P05	A1	1:500
Drawn by:	Checked by:	Date:
ID	WO	14.04.2022

Status:
PRELIMINARY

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Design
Infrastructure
Consulting
Engineering

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