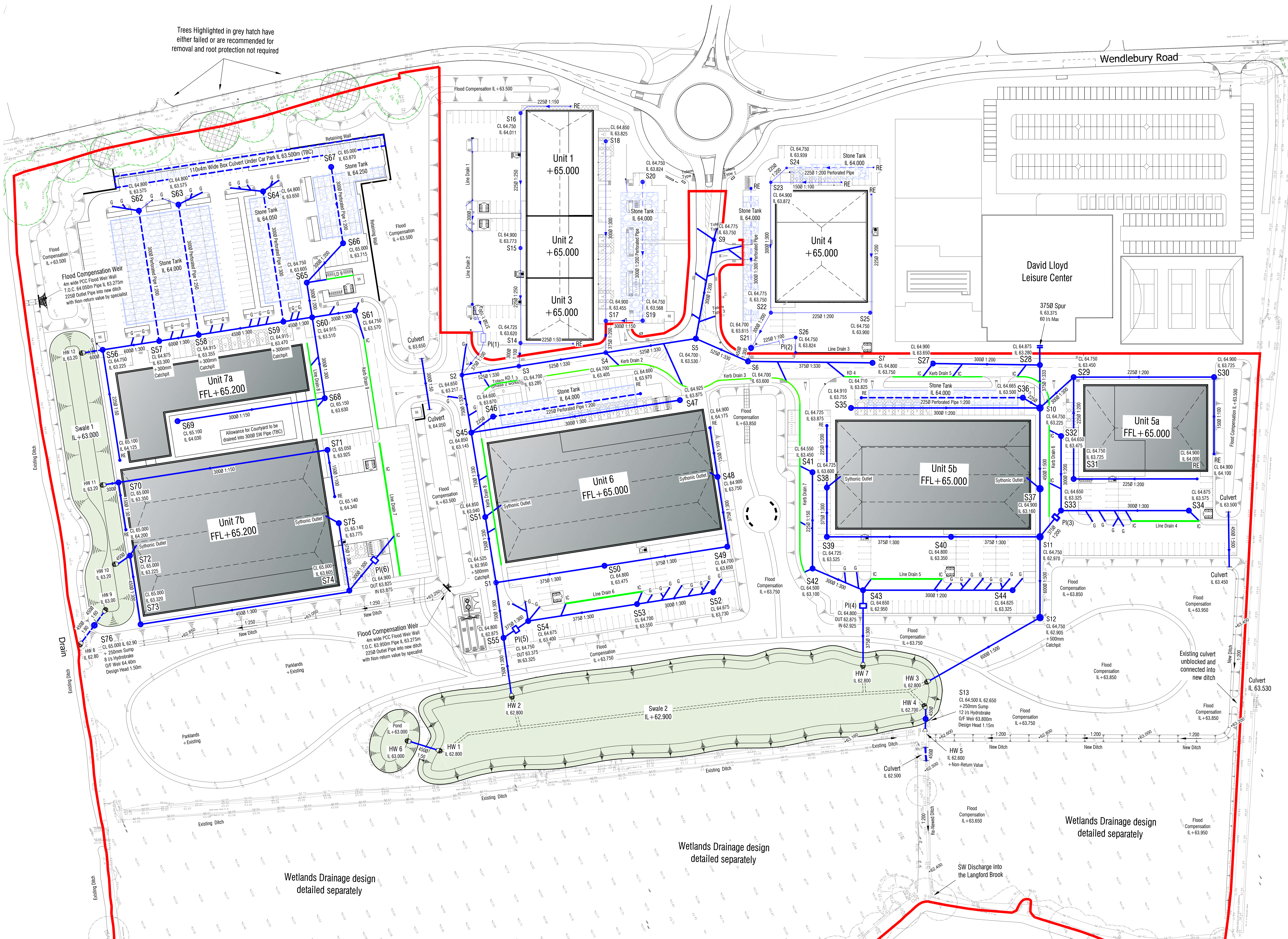


Trees Highlighted in grey hatch have either failed or are recommended for removal and root protection not required



CALCULATIONS

B	15.03.22	Updated to latest layout
A	01.07.19	Redrawn
Rev	Date	Revision Description

Revision Schedule

Project Title	Catalyst Bicester
Location	Wendlebury Road, Bicester



Drawing Title	SW DRAINAGE CALCS Drainage Design Layout
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BAILEY JOHNSON HAYES Consulting Engineers
ST ALBANS: Suite 4, Phoenix House, 63 Campfield Rd, ST ALBANS, Herts AL1 5PL MANCHESTER: Grange House, 3 John Dalton Street, MANCHESTER, M2 6PW

Scale	1:500 @ A0
Date	01.07.19
Drawn	JNG

Drawing Number
S1358-DD03 B



SW Drainage Masterplan Layout 1:500

10m 0 10m 20m 30m 40m
1:500 @ A0

Wetlands Drainage design
detailed separately

Wetlands Drainage design
detailed separately

Wetlands Drainage design
detailed separately

SW Discharge into
the Langford Brook

Flood Compensation
IL +63.850

Flood Compensation
IL +63.850

Flood Compensation
IL +63.850

Flood Compensation
IL +63.850

Flood Compensation
IL +63.850

Flood Compensation
IL +63.850

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IL +63.850

Flood Compensation
IL +63.850

Flood Compensation
IL +63.850

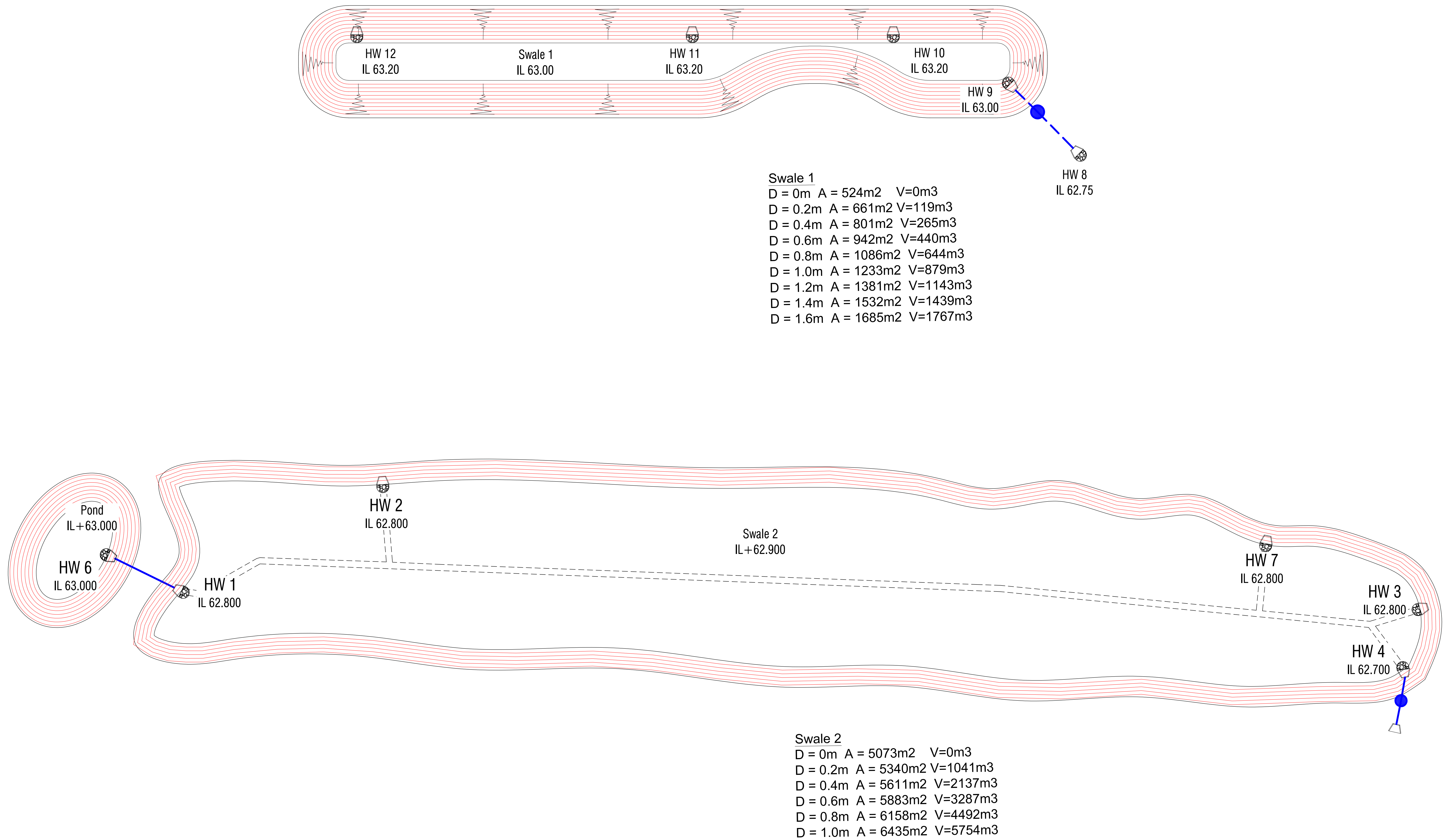
Flood Compensation
IL +63.850

Flood Compensation
IL +63.850

Flood Compensation
IL +63.850

Flood Compensation
IL +63.850

Flood Compensation
IL +63.850



Swale Areas 1:250

CALCULATIONS

Rev	Date	Revision Description
C	15.03.22	Updated to latest swale design
B	01.03.20	Volumes added to swale details
A	01.07.19	Redrawn

Revision Schedule

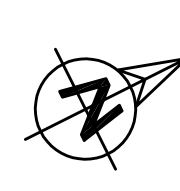
Project Title	Catalyst Bicester Wendlebury Road, Bicester
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Client	ALBION LAND
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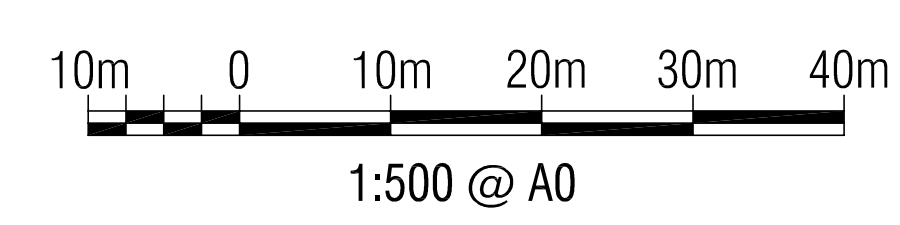
Drawing Title	SW DRAINAGE CALCS Swale Areas
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ST ALBANS: Suite 4, Phoenix House, 63 Campfield Rd, ST ALBANS, Herts AL1 5PL MANCHESTER: Grange House, John Dalton Street, MANCHESTER, M2 6PW

Scale	1:500 @A0	Drawing Number	S1358-DD04C
Date	01.07.19		
Drawn	JNG		



Exceedance Flood Routes 1:500



CALCULATIONS

Rev	Date	Revision Description
Revision Schedule		
Project Title		
Catalyst Bicester		
Wendlebury Road, Bicester		
Client		
 ALBION LAND		
Drawing Title		
SW DRAINAGE CALCS		
Exceedance Flood Routes		
BAILEY JOHNSON HAYES		
Consulting Engineers		
ST ALBANS: Suite 4, Phoenix House, 63 Campfield Rd, ST ALBANS, Herts AL1 5PL		
MANCHESTER: Grange House, John Dalton Street, MANCHESTER, M2 6FW		
Scale	1:500 @A0	Drawing Number
Date	15.03.22	S1358-DD05
Drawn	JNG	