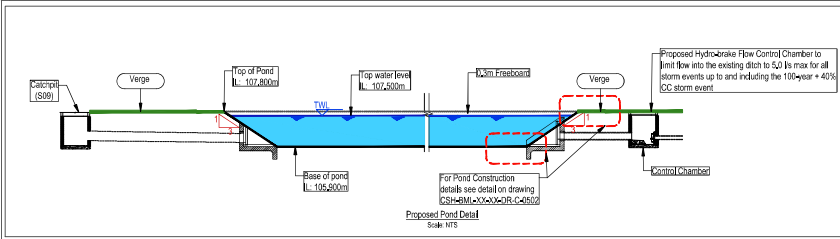


- Notes:**
- The contractor is to check all information provided prior to commencing the works and seek clarification from the engineer in respect to any ambiguities found.
 - Pipe materials shall be as follows:
Surface Water:
-150p to 225p - Polypipe Polysewer PVCu pipes
-300p and above - Polypipe Rigidsewer PVCu pipes
Foul Water:
-All pipe materials shall be clayware Class 120 to BS EN 295
 - All drainage under trafficked areas must be backfilled with an approved graded granular material.
 - All chamber covers and gully tops shall be kite marked and comply with the strength / group requirements of BS EN 124.
 - Cover levels for chambers within landscaped areas shall be adjusted to match surrounding finished levels.
 - All new rainwater down pipes are to discharge into roadable connections.
 - All pipes to be berthed within the chambers soffit to soffit.
 - Section 106 connection application to be sought and approved prior to any connections to the public sewers.
 - All foul drainage pipes to be DN100 and all surface water pipes to be DN150 and laid at 1:100 or steeper (unless noted otherwise).
 - All foul SVP pipes to be laid at 1:10 or steeper, and 1:80 if at least one WC drains into the pipe.
 - Drainage chambers within areas paved with paving flags and block sets shall all have recessed covers.
 - Final position of all RWP's and SVP's to be confirmed.
 - Refer to Construction Details Drawings 0551 to 0552 for construction details of proposed drainage chambers, linear drains, pipes etc shown on this plan layout.

- Safety, Health & Environmental Information:**
- In addition to the hazards and risks normally associated with the types of work detailed on this drawing, please note the significant hazards identified by symbols below.
- INDICATES A RESIDUAL RISK AS A WARNING**
- INDICATES A RESIDUAL RISK FOR INFORMATION**
- and described below:
- Construction/Maintenance/Cleaning/Demolition**
Refer to Drawing:
- General Notes:**
- Do not scale from this drawing.
 - All dimensions are in millimetres (mm), all levels in metres (m) unless noted otherwise.
 - Discrepancies or omissions are to be reported to the Engineer prior to work commencing.
 - All pipes to be berthed within the chambers soffit to soffit.
 - Section 106 connection application to be sought and approved prior to any connections to the public sewers.
 - All foul drainage pipes to be DN100 and all surface water pipes to be DN150 and laid at 1:100 or steeper (unless noted otherwise).
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Greenfield Runoff Rates

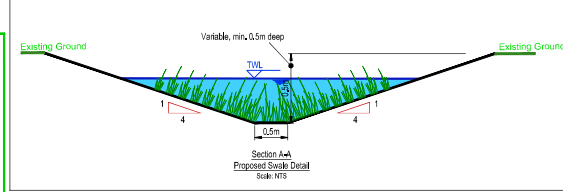
ICP SUDS Mean Annual Flood

Return Period (years)	Area (ha)	Urban	Rural
1	0.916	0.030	0.480
10	1.037	0.030	0.480
100	1.037	0.030	0.480

Region 10

Results 1/4

QBAR Rural 6.5
QBAR Urban 6.5
Q100 years 13.6
Q1 year 5.7
Q10 years 11.0
Q100 years 13.6



Plan
Scale 1:250

Drainage Key:

	Proposed Stormwater
	Proposed Filter Drain
	Proposed Stormwater Manhole
	Proposed Rodgform Separate Catchpit
	Proposed Stormwater Hydro-brake
	DN150 Gully / RWP Connector
	Proposed Rain Water Pipe
	Proposed Rooding Eye
	Proposed Finish Floor Level
	Proposed Pumping Station, Refer to drawing CSH-BML-XX-XX-DR-C-0503 for details.
	Proposed Rising Main
	Proposed Inspection Chamber with Grilled Cover, For details Refer to drawing CSH-BML-XX-XX-DR-C-0503 for details.
	Proposed Diversion Chamber, Refer to drawing CSH-BML-XX-XX-DR-C-0503 for details.

Rev	By	Chk'd	Date	Description
P02	DMAM	10/28/23		Additional Drainage Information added
P03	DMAM	21/07/23		Preliminary Issue
P01	RACM	05/04/23		For Discussion

PRELIMINARY DRAWING
Drawing is not to be used for construction

Client: **FT REAL ESTATE MANAGEMENT**

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1 Birt Court
Blenheim East
Worcester
WR9 9SD

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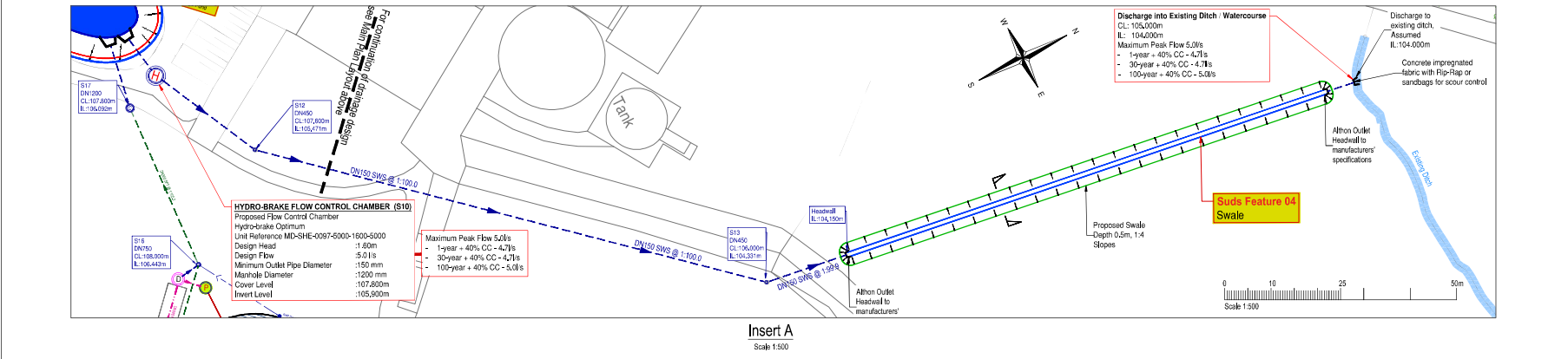
Drawing: **Proposed Surface Water
Drainage Plan Layout 01
Main Site**

By/Chk'd	RACM	Date	Revision
DMAM		05/04/2023	P03
DMAM			Status

BML Job No: **1000-05**

Drawing Scale at A1: As Shown

CAD Filename:



Inset A
Scale 1:500