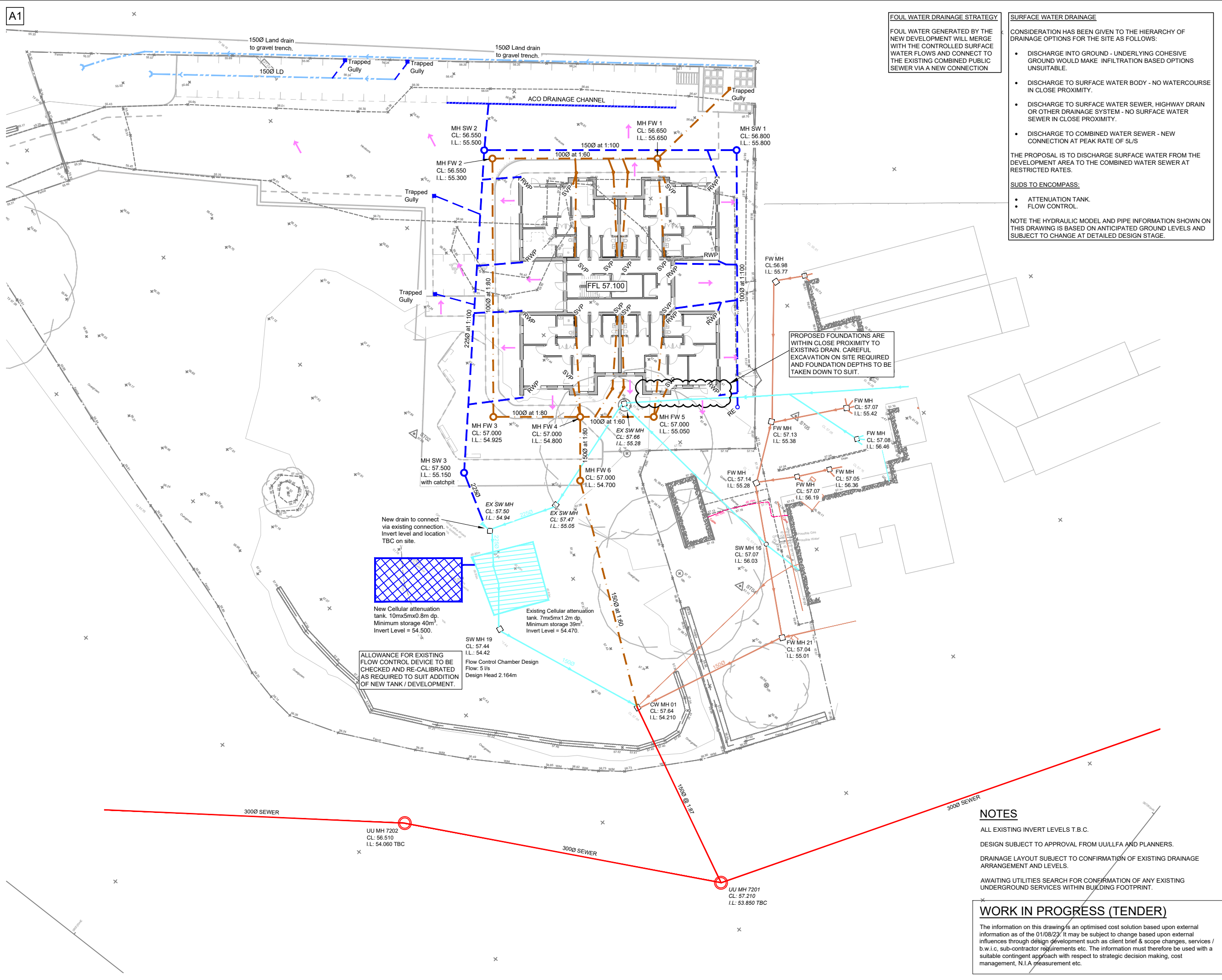




FOUL WATER DRAINAGE STRATEGY

FOUL WATER GENERATED BY THE NEW DEVELOPMENT WILL MERGE WITH THE CONTROLLED SURFACE WATER FLOWS AND CONNECT TO THE EXISTING COMBINED PUBLIC SEWER VIA A NEW CONNECTION

SURFACE WATER DRAINAGE

- CONSIDERATION HAS BEEN GIVEN TO THE HIERARCHY OF DRAINAGE OPTIONS FOR THE SITE AS FOLLOWS:
- DISCHARGE INTO GROUND - UNDERLYING COHESIVE GROUND WOULD MAKE INFILTRATION BASED OPTIONS UNSUITABLE.
 - DISCHARGE TO SURFACE WATER BODY - NO WATERCOURSE IN CLOSE PROXIMITY.
 - DISCHARGE TO SURFACE WATER SEWER, HIGHWAY DRAIN OR OTHER DRAINAGE SYSTEM - NO SURFACE WATER SEWER IN CLOSE PROXIMITY.
 - DISCHARGE TO COMBINED WATER SEWER - NEW CONNECTION AT PEAK RATE OF 5L/S

THE PROPOSAL IS TO DISCHARGE SURFACE WATER FROM THE DEVELOPMENT AREA TO THE COMBINED WATER SEWER AT RESTRICTED RATES.

SUDS TO ENCOMPASS:

- ATTENUATION TANK.
- FLOW CONTROL.

NOTE THE HYDRAULIC MODEL AND PIPE INFORMATION SHOWN ON THIS DRAWING IS BASED ON ANTICIPATED GROUND LEVELS AND SUBJECT TO CHANGE AT DETAILED DESIGN STAGE.

NOTES

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DRAWING STATUS

S0 = Work In Progress S1 = Co-Ordination S2 = Information
S3 = Review / Comment S4 = Approval D1 = Costing D2 = Tender
D3 = Contractor Design D4 = Construction FC = Final Construction

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:	
CONSTRUCTION NO ABNORMAL RESIDUAL RISKS.	
MAINTENANCE / CLEANING NO ABNORMAL RESIDUAL RISKS.	
DECOMMISSIONING / DEMOLITION NO ABNORMAL RESIDUAL RISKS.	
IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT	

LEGEND

- EXISTING FW DRAINS
- EXISTING SW DRAINS
- EXISTING COMBINED DRAINS/SEWERS
- NEW FW DRAIN
- NEW SW DRAIN
- NEW LAND DRAIN
- OVERLAND FLOW ROUTES

T3	MINOR UPDATE TO KEY OVERLAND FLOW ROUTES ADDED	AMT	22.01.25	MD
T2	UPDATED TO SUIT EXTERNAL WORKS AND EXISTING DRAINAGE SURVEY.	AMT	05.01.24	MD
T1	TENDER ISSUE	AMT	06.10.23	MD
Rev	Description	By	Date	Chkd

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Client	ABBEYWAY COMMERCIAL LTD			
Project	NEWALL GREEN FARM			
Drawing	PROPOSED DRAINAGE LAYOUT			
Purpose of Issue	TENDER			
Project No.	13839	Scale @ A1	1:200	Date
Drawn	AMT	Checked	PG	
Drawing Identifier	project	origin	zone	level
NGF-MaG-ZZ-FN-DR-C-0200				
Revision	T3			

NOTES

- ALL EXISTING INVERT LEVELS T.B.C.
- DESIGN SUBJECT TO APPROVAL FROM UU/LLFA AND PLANNERS.
- DRAINAGE LAYOUT SUBJECT TO CONFIRMATION OF EXISTING DRAINAGE ARRANGEMENT AND LEVELS.
- AWAITING UTILITIES SEARCH FOR CONFIRMATION OF ANY EXISTING UNDERGROUND SERVICES WITHIN BUILDING FOOTPRINT.

WORK IN PROGRESS (TENDER)

The information on this drawing is an optimised cost solution based upon external information as of the 01/08/23. It may be subject to change based upon external influences through design development such as client brief & scope changes, services / b.w.i.c. sub-contractor requirements etc. The information must therefore be used with a suitable contingent approach with respect to strategic decision making, cost management, N.I.A measurement etc.