



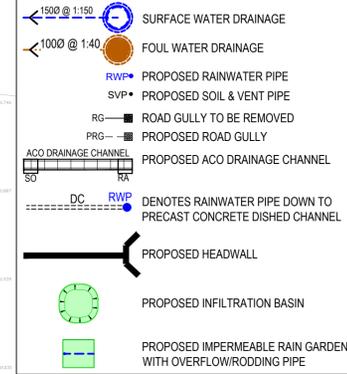
SCALE 1:200
0 2 4 6 8 10 m

INFILTRATION BASIN
INFILTRATION RATE = $4.01 \times 10^{-4} \text{ m/s}$
MAX STORAGE VOLUME = 123.3 m^3
STORAGE DEPTH = 0.3 m
FREEBOARD = 0.3 m

REQUIRED EARTHWORKS FOR INFILTRATION BASIN



DRAINAGE LEGEND



GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE SHOWN IN METRES UNLESS NOTED OTHERWISE.
3. DO NOT SCALE FROM THE DRAWING. USE FIGURED DIMENSIONS ONLY.
4. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
5. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
6. EXISTING SERVICES HAVE NOT BEEN SHOWN BUT ARE PRESENT - THE CONTRACTOR IS TO LIAISE WITH ALL STATUTORY AUTHORITIES PRIOR TO THE COMMENCEMENT OF ANY WORKS.
7. TEMPORARY WORKS DESIGN BY OTHERS.
8. DESIGN RISK ASSESSMENTS AND METHOD STATEMENTS ARE TO BE PROVIDED TO THE PRINCIPLE CONTRACTOR PRIOR TO THE COMMENCEMENT OF ANY WORKS.

PRELIMINARY

rev.	drawn	checked	approved	date	description
04	RM	PG	SH	21.07.23	EXISTING INFILTRATION BASIN TO BE USED AND PROPOSED BASIN OMITTED
03	RM	PG	SH	30.01.24	ATTENUATION BASIN AMENDED FOLLOWING RECEIPT OF INFILTRATION TEST RESULTS
02	RM	PG	SH	30.01.24	PERMEABLE PAVING REMOVED. DRAINAGE AMENDED TO SUIT
01	RM	PG	SH	21.07.23	PRELIMINARY

Client
FABCO

Project
PLOT E, PENCOED TECHNOLOGY PARK BRIDGEND CF35 5PZ

Title
DRAINAGE CONCEPT



date	drawn	checked	approved
21.07.23	RM	PG	SH

scale @ A1
1:200

project no.
14908

status	drg. no.	rev.
P	14908/C500	04

DRAWING STATUS
A - Approval, AB - As-Built, C - Construction, D - Draft, P - Preliminary, T - Tender