APPLE ENGINEERING

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Project No. 24166

Sheet No. SK01 | Rev.

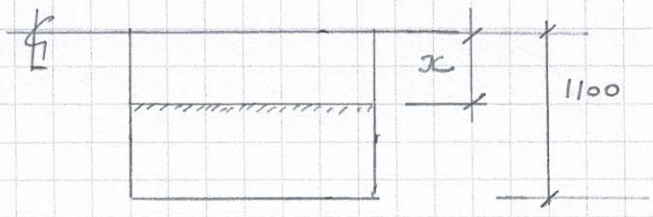
Date:

Designer:

Project: MONEY BRIDGE LANE WEST PINCHBECK.

SOAKAWAY TEST IN ACCORDANCE WITH BRE 365

SIZE OF EXCAVATION :- 1.6m x 1.3m x 1.1m DEEP



TEST RESULTS DATE 28/10/24

TIME	DL VALUE mm.
8.45	650
9.00	680
9.15	710
9.30	750
10.00	770
10.30	790
11.30	830
12.30	870
15.00	950

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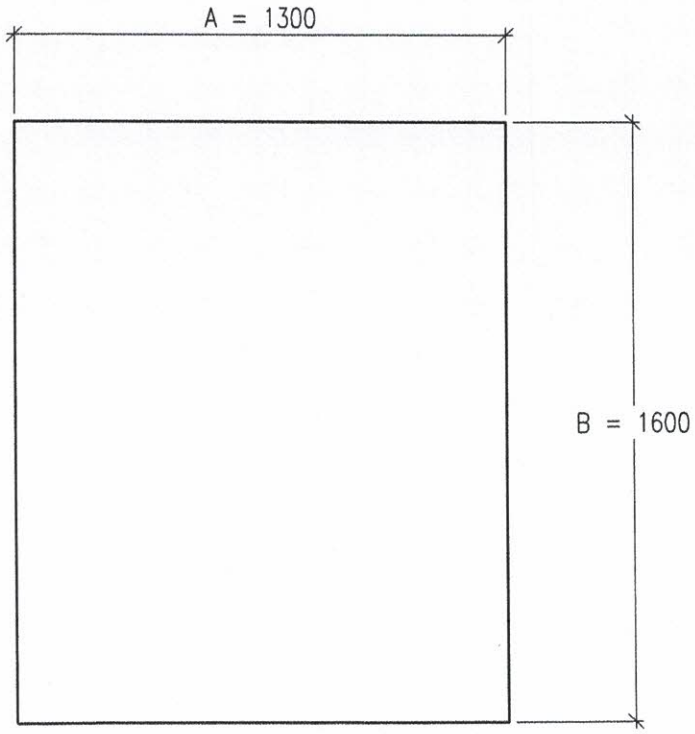
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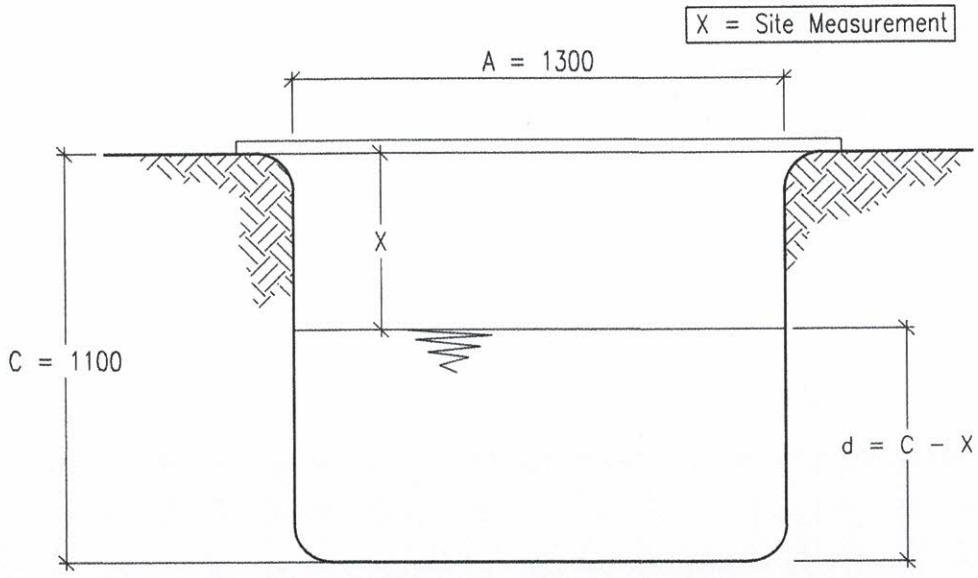
Sheet No.	24166/SA01				Rev -
Status	FOR INFORMATION				
Date	OCT 2024	Drawn	AS	Checked	JAR
Scale	1:20	Design	-	File Name	24166-SA01

Project: Money Bridge Lane, West Pinchbeck

Title: Infiltration Soak Away Sketch



Plan On SA01



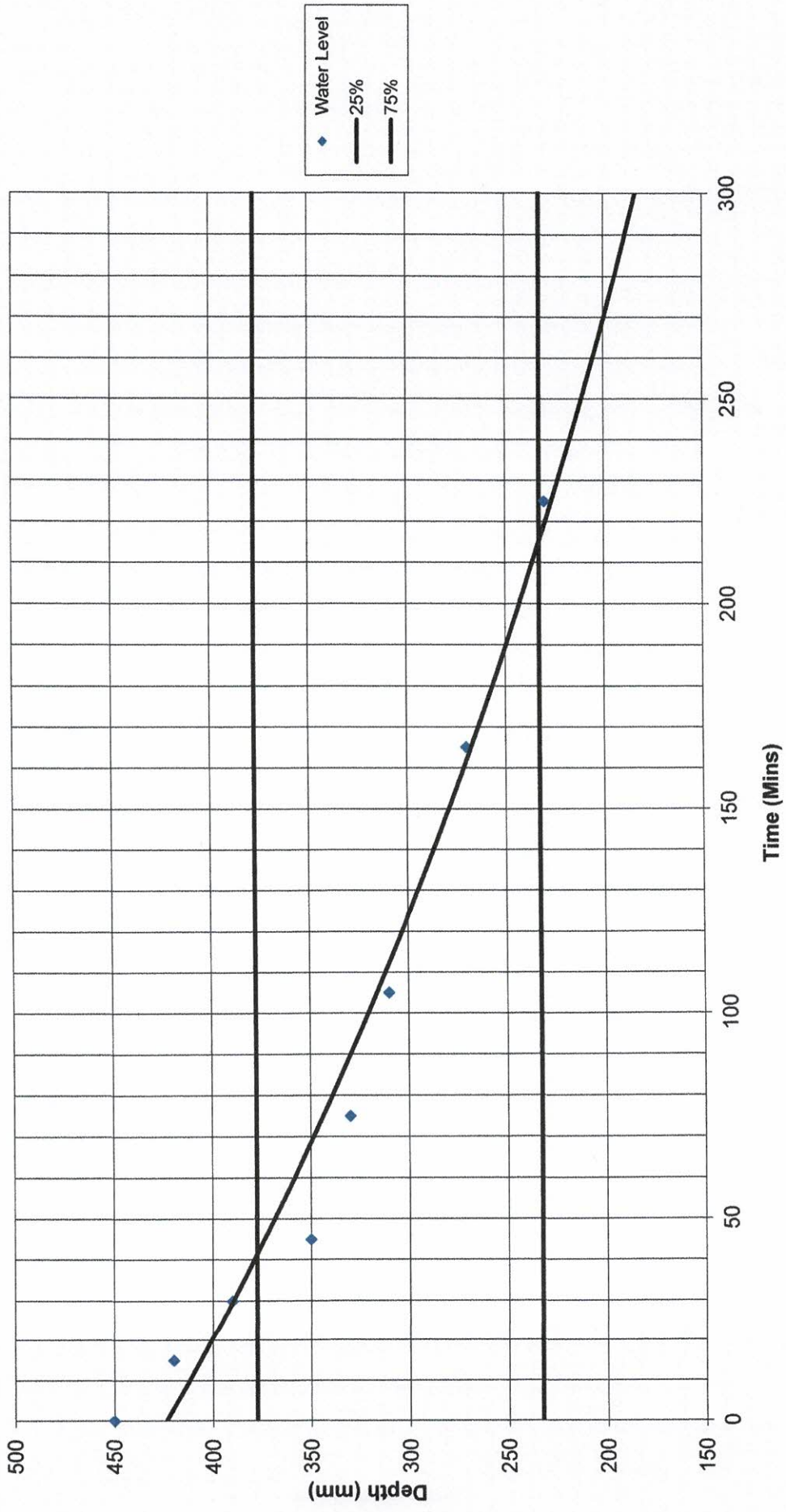
Section Through SA01

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24166/SA02

Money Bridge Lane, West Pinchbeck.
Job No. 24166 Oct 2024
Plot showing water level aginst time for SA01



24166/SA03

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Soak-Away Test SA 01

Job Reference Money Bridge Lane, West Pinchbeck

SA01	
TIME (Mins)	DEPTH mm (d)
0	450
15	420
30	390
45	350
75	330
105	310
165	270
225	230
375	150

Job No. 24166

Date Oct-24

Trial Dimensions

A =	1.3	m
B =	1.6	m
C =	1.1	m

C.S.Area of SA01 = 2.08 m^2

Total Volume =	0.603	m^3
75% Volume =	0.452	m^3
25%Volume =	0.151	m^3

Time Taken From 75% Volume to 25% Volume

175 Mins

Effective Depth From 75% Volume to 25% Volume

0.145 m

50% Effective Internal Surface Area Including Base area

2.921 m^2

Soil Infiltration rate, f

9.83355E-06 m/s

0.00109 mm/s