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CONSULTING STRUCTURAL & CIVIL ENGINIEERS

Soak-Away Test SA 01

Job Reference Proposed Drainage Design At Risning Sun, Gedney Drove End

SA01	
TIME (Mins)	DEPTH mm (d)
0	580
15	550
30	530
45	510
60	500
75	490
90	480
120	460
150	440
180	430
210	410
240	400
270	380
300	370

Job No. 17021

Date 19/03/2021

Trial Dimensions

A =	1.7	m
B =	1	m
C =	1	m

C.S.Area of SA01 =	1.7	m^2
Total Volume =	0.357	m^3
75% Volume =	0.268	m^3
25%Volume =	0.089	m^3

Time Taken From 75% Volume to 25% Volume

155 Mins

Effective Depth From 75% Volume to 25% Volume

0.105 m

50% Effective Internal Surface Area Including Base area

2.267 m^2

Soil Infiltration rate, f

8.4665E-06 m/s

8.46 x 10^ - 3 mm/s