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CONSULTING STRUCTURAL & CIVIL ENGINIEERS

Soak-Away Test SA 01

Job Reference Proposed Plots, 1 -6, Marsh Road, Holbeach Hurn, Spalding, Lincs

SA01	
TIME (Mins)	DEPTH mm (d)
0	260
15	250
30	240
45	235
60	230
90	225
120	215
150	210
180	200
210	185
270	175
330	160
390	155

Job No. 37917

Date 07/11/2017

Trial Dimensions

A =	1.6	m
B =	0.6	m
C =	1.2	m
C.S.Area of SA01 =	0.96	m^2
Total Volume =	0.101	m^3
75% Volume =	0.076	m^3
25%Volume =	0.025	m^3

Time Taken From 75% Volume to 25% Volume

181 Mins

Effective Depth From 75% Volume to 25% Volume

0.0525 m

50% Effective Internal Surface Area Including Base area

1.191 m^2

Soil Infiltration rate, f

3.89663E-06 m/s

3.89 x 10^ - 3 mm/s