

Plot	House Type	Point	FFL	FGL	Original Ground Level (OGL)	Depth due to trees			Depth to Sandstone	Formation Level	Depth from FFL to Formation Level	Depth from OGL to Formation Level	Footing Type	Footing Widths				Footing Thickness	Bearing Strata	Concrete Mix	Floor Type	Heave Precautions	Gas Precautions	
						Proposed	Retained	Removed						Front/ Rear	Side	Int	Party							
1	A																							
		A	259.35	259.20	258.75					257.85	1.50	0.90	UTF	600	600	600		225	SANDSTONE	FND2	PC	NO	NO	
		B	259.35	259.20	258.75					257.85	1.50	0.90	UTF											
		C	259.35	259.20	258.75					257.85	1.50	0.90	UTF											
		D	259.35	259.20	258.75					257.85	1.50	0.90	UTF											
1G	SG																							
		A	259.50	259.50	258.90					258.00	1.50	0.90	UTF	600	600			225	SANDSTONE	FND2	PC	NO	NO	
		B	259.50	259.50	258.90					258.00	1.50	0.90	UTF											
		C	259.50	259.20	258.90					258.00	1.50	0.90	UTF											
		D	259.50	259.50	258.90					258.00	1.50	0.90	UTF											
2	A																							
		A	259.65	259.50	259.50					258.60	1.05	0.90	USF	600	600	600		225	SANDSTONE	FND2	PC	NO	NO	
		B	259.65	259.50	259.80					258.60	1.05	1.20	USF											
		C	259.65	259.50	259.50					258.60	1.05	0.90	USF											
		D	259.65	259.50	259.50					258.60	1.05	0.90	USF											
2G	SG																							
		A	260.10	260.10	259.95					259.05	1.05	0.90	USF	600	600			225	SANDSTONE	FND2	PC	NO	NO	
		B	260.10	260.10	259.95					259.05	1.05	0.90	USF											
		C	260.10	260.10	259.95					259.05	1.05	0.90	USF											
		D	260.10	260.10	259.95					259.05	1.05	0.90	USF											
3	B																							
		A	260.55	260.40	260.40					259.50	1.05	0.90	USF	600	600	600		225	SANDSTONE	FND2	PC	NO	NO	
		B	260.55	260.40	260.40					259.50	1.05	0.90	USF											
		C	260.55	260.40	260.10					259.20	1.35	0.90	USF											
		D	260.55	260.40	260.10					259.20	1.35	0.90	USF											
4	C																							
		A	260.25	260.10	259.80					258.90	1.35	0.90	USF	600	600	600		225	SANDSTONE	FND2	PC	NO	NO	
		B	260.25	260.10	261.00					259.20	1.05	1.80	USF											
		C	260.25	260.10	261.45					259.20	1.05	2.25	USF											
		D	260.25	260.10	259.95					259.05	1.20	0.90	USF											
5	C																							
		A	260.55	260.40	260.10					259.20	1.35	0.90	USF	600	600	600		225	SANDSTONE	FND2	PC	NO	NO	
		B	260.55	260.40	261.00					259.50	1.05	1.50	USF											
		C	260.55	260.40	261.40					259.50	1.05	1.90	USF											
		D	260.55	260.40	260.40					259.50	1.05	0.90	USF											
6	D																							
		A	261.00	260.85	260.70			1.50		259.05	1.95	1.65	UTF	600	600	600		225	SANDSTONE	FND2	PC	NO	NO	
		B	261.00	260.85	261.00			1.50		259.35	1.65	1.65	UTF											
		C	261.00	260.55	260.55			1.50		258.90	2.10	1.65	UTF											
		D	261.00	260.85	260.55			1.50		258.90	2.10	1.65	UTF											
7	E																							
		A	260.10	259.95	259.80			1.50		258.15	1.95	1.65	UTF	600	600	600		225	SANDSTONE	FND2	PC	NO	NO	
		B	260.10	259.95	259.80			1.50		258.15	1.95	1.65	UTF											
		C	260.10	259.95	259.65			1.50		258.00	2.10	1.65	UTF											
		D	260.10	259.95	259.65			1.50		258.00	2.10	1.65	UTF											
8G	SG																							
		A	259.80	259.80	259.50			1.20		258.15	1.65	1.35	UTF	600	600			225	SANDSTONE	FND2	PC	NO	NO	
		B	259.80	259.80	259.50			1.20		258.15	1.65	1.35	UTF											

EASTWOOD & PARTNERS
(Consulting Engineers) Ltd
Project: Fountain Inn, Ingbirchworth
Subject: Foundation Depth Calculations

Job No. 44371
Date 21.04.21
Prepared By RJ

Revision A
Date
Revised By Checked By CH



Plot	House	Point	FFL	FGL	Original Ground Level (OGL)	Depth due to trees			Depth to Sandstone	Formation Level	Depth from FFL to Formation Level	Depth from OGL to Formation Level	Footing Type	Footing Widths				Footing Thickness	Bearing Strata	Concrete Mix	Floor Type	Heave Precautions	Gas Precautions
						Proposed	Retained	Removed						Front/ Rear	Side	Int	Party						
8	A	C	259.80	259.80	259.50				1.20	258.15	1.65	1.35	UTF					225	SANDSTONE	FND2	PC	NO	NO
		D	259.80	259.80	259.50				1.20	258.15	1.65	1.35	UTF										
		A	259.95	259.80	259.50				1.20	258.15	1.80	1.35	UTF	600	600	600							
		B	259.95	259.80	259.50				1.20	258.15	1.80	1.35	UTF										
		C	259.95	259.80	259.50				1.20	258.15	1.80	1.35	UTF										
9	A	D	259.95	259.80	259.50				1.20	258.15	1.80	1.35	UTF					225	SANDSTONE	FND2	PC	NO	NO
		A	259.80	259.65	259.50				1.20	258.15	1.65	1.35	UTF	600	600	600							
		B	259.80	259.65	259.50				1.20	258.15	1.65	1.35	UTF										
		C	259.80	259.65	259.50				1.20	258.15	1.65	1.35	UTF										
		D	259.80	259.65	259.50				1.20	258.15	1.65	1.35	UTF										
9G	SG	A	259.65	259.65	259.65				1.20	258.30	1.35	1.35	USF	600	600			225	SANDSTONE	FND2	PC	NO	NO
		B	259.65	259.65	259.65				1.20	258.30	1.35	1.35	USF										
		C	259.65	259.65	259.65				1.20	258.30	1.35	1.35	USF										
		D	259.65	259.65	259.65				1.20	258.30	1.35	1.35	USF										

KEY:
USF = Unreinforced Strip foundation
UTF = Unreinforced Trench Fill Foundation
PC = Precast concrete beam and block floor with 250mm ventilated void beneath