

FOUNDATION SCHEDULE PLOTS 1 - 67																		
Plot No.	House Type	FFL (m AOD)	Range of EGL (m AOD)		Formation Level (m AOD)		Anticipated Depth From FFL _o (m)		Foundation Type (from FFL)	Width (mm) (except for party walls)	Minimum Thickness (mm)	Concrete Mix	Sulphate Protection In Sub Structure	Anticipated Bearing Material	Factors Determining Depth	Anticipated Ground Floor Type	Heave Precautions Required	Specific Note
			Lowest EGL	Highest EGL	Lowest Formation Level	Highest Formation Level	Shallowest Anticipated Depth	Deepest Anticipated Depth										
1	Leyburn	41.800	40.250	40.850	39.350	39.950	1.850	2.450	UTF	600	-	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
2	Cadeby	41.050	39.700	40.300	38.600	39.400	1.650	2.450	UTF	600	-	GEN1	DS-1 AC-1	Clay	ND / Trees	SUSP	No	A
3	Cadeby	40.600	39.200	39.750	37.950	38.850	1.750	2.650	UTF	600	-	GEN1	DS-1 AC-1	Clay	ND / Trees	SUSP	No	-
4	Leyburn	40.300	38.950	39.450	37.300	38.550	1.750	3.000	UTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay	ND / Trees	SUSP	No	-
5	Leyburn	41.950	40.750	41.550	39.300	40.350	1.600	2.650	UTF	600	-	GEN1	DS-1 AC-1	Clay	Trees	PCVH	Yes	-
6	Leyburn	39.550	39.000	39.700	37.400	38.500	1.050	2.150	UTF	600	-	GEN1	DS-1 AC-1	Clay	ND / Drain	SUSP	No	-
7-8	Ferndale / Knaresborough	38.200	37.600	38.250	35.600	36.650	1.550	2.600	RTF	TBC	-	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	Trees	PCVH	Yes	A
9-10	Denborough	38.200	37.550	38.050	35.650	36.750	1.450	2.550	RTF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	Trees	PCVH	Yes	-
11-12	Knaresborough	38.650	37.300	38.000	35.250	36.700	1.950	3.400	RTF / ETF	TBC	-	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	Trees	PCVH	Yes	-
13-14	Denborough	38.650	37.300	37.850	35.300	36.500	2.150	3.350	RTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	Trees	PCVH	Yes	-
15-16	Oakwood	38.650	36.850	37.850	34.950	36.500	2.150	3.700	RTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	Trees	PCVH	Yes	-
17-18	Knaresborough	38.200	36.550	37.450	34.500	36.150	2.050	3.700	RTF / ETF	TBC	-	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	Trees	PCVH	Yes	A
19-20	Denborough	38.050	36.400	37.150	34.400	35.700	2.350	3.650	RTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	Trees	PCVH	Yes	A
21-22	Knaresborough	37.750	35.900	36.750	33.800	35.300	2.450	3.950	RTF / ETF	TBC	-	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	Trees	PCVH	Yes	-
23-24	Knaresborough	37.450	35.450	36.400	33.350	34.900	2.550	4.100	RTF / ETF	TBC	-	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	Trees	PCVH	Yes	-
25-26	Oakwood	37.000	35.100	36.050	33.050	34.650	2.350	3.950	RTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	Trees	PCVH	Yes	-
27-28	Knaresborough	36.700	34.850	35.450	32.850	34.000	2.700	3.850	ETF	TBC	-	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	Trees	PCVH	Yes	A
29-30	Oakwood	36.700	34.850	35.250	32.900	34.000	2.700	3.800	ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	Trees	PCVH	Yes	-
31-32	Knaresborough	36.850	34.950	35.400	33.100	34.350	2.500	3.750	RTF / ETF	TBC	-	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	Trees	PCVH	Yes	-
33	Leyburn	37.300	35.950	36.350	35.050	35.300	2.000	2.250	UTF	600	-	GEN1	DS-1 AC-1	Clay	ND / Drain	SUSP	No	-
34-35	Salbury	36.850	35.400	36.000	34.000	35.100	1.750	2.850	UTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay	ND / Trees	SUSP	No	-
36-37	Knaresborough	36.700	34.900	35.400	Piled									Bedrock	Trees / Water	PCVH	Yes	-
38	Cadeby	36.550	34.700	34.950	Piled									Bedrock	Trees / Water	PCVH	Yes	-
39	Leyburn	36.250	34.450	35.400	Piled									Bedrock	Trees / Water	PCVH	Yes	-
40	Cadeby	36.250	34.350	35.200	Piled									Bedrock	Trees / Water	PCVH	Yes	-
41	Cadeby	36.250	34.350	35.200	Piled									Bedrock	Trees / Water	PCVH	Yes	-
42	Leyburn	36.400	34.500	35.450	Piled									Bedrock	Trees / Water	PCVH	Yes	-
43	Leyburn	40.150	39.850	41.000	38.350	39.100	1.050	1.800	RSF / RTF	600	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND / Trees	SUSP	No	-
44	Wentbridge	39.550	39.750	40.950	37.750	38.500	1.050	1.800	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Mudstone	ND / Trees	SUSP	No	-
45	Wentbridge	39.100	39.450	40.700	37.550	38.050	1.050	1.550	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Mudstone	ND / Trees	SUSP	No	-
46	Wentbridge	38.800	39.100	40.300	37.200	37.750	1.050	1.600	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Mudstone	ND / Trees	SUSP	No	-
47	Wentbridge	38.500	38.500	39.750	36.600	37.450	1.050	1.900	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Mudstone	ND / Trees	SUSP	No	-
48-49	Salbury	37.900	38.000	39.350	36.600	36.850	1.050	1.300	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND / Trees	SUSP	No	-
50-51	Salbury	37.300	37.200	38.250	35.800	36.250	1.050	1.500	RSF / RTF	600	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND / Trees	SUSP	No	-
52-53	Oakwood	36.850	37.150	38.350	35.800	35.800	1.050	1.050	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND	SUSP	No	-
54	Wentbridge	36.850	37.350	38.450	35.750	35.800	1.050	1.100	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND / Drain	SUSP	No	-
55	Cadeby	36.850	37.550	38.650	35.750	35.800	1.050	1.100	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND / Drain	SUSP	No	-
56	Leyburn	37.450	37.750	38.750	36.400	36.400	1.050	1.050	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND	SUSP	No	-
57G	SG	37.450	38.750	39.950	36.550	36.550	0.900	0.900	USF	600	150	GEN1	DS-1 AC-1	Mudstone	ND	SUSP	No	-
57	Dalton	37.450	37.750	38.800	35.700	36.400	1.050	1.750	RSF / RTF	600	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND / Drain	SUSP	No	-
58-59	Salbury	37.750	38.200	39.250	36.400	36.700	1.050	1.350	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND	SUSP	No	-
60	Dalton	38.050	38.100	39.100	36.700	37.000	1.050	1.350	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND / Drain	SUSP	No	-
60G	SG	38.050	39.200	39.950	37.150	37.150	0.900	0.900	USF	600	150	GEN1	DS-1 AC-1	Mudstone	ND	SUSP	No	-
61-62	Salbury	38.200	38.550	39.600	37.150	37.150	1.050	1.050	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND	SUSP	No	-
63-64	Eastbeck	38.350	38.800	39.700	37.150	37.300	1.050	1.200	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND	SUSP	No	-
65-66	Salbury	38.650	39.000	39.850	37.300	37.600	1.050	1.350	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND	SUSP	No	-
67G	SG	38.800	39.750	40.300	37.600	37.900	0.900	1.200	USF	600	150	GEN1	DS-1 AC-1	Mudstone	ND	SUSP	No	-
67	Dalton	38.800	38.800	39.650	37.450	37.750	1.050	1.350	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND / Drain	SUSP	No	-

Party Wall	Footing Width (mm)	
	Dry Sand / Clay (125 kN/m ²)	Sandstone / Mudstone (200 kN/m ²)
A3 - A3	TBC	TBC
Baldon - Baldon	600	600
Denborough - Denborough	600	600
Eastbeck - Eastbeck	600	600
Ferndale - Knaresborough	TBC	TBC
Hathersage - Hathersage	TBC	TBC
Knaresborough - Knaresborough	TBC	TBC
Oakwood - Oakwood	600	600
R2.1 - R2.1	600	600
Salbury - Salbury	750	600

- This drawing is to be read in conjunction with all relevant Eastwood Consulting Engineers drawings prefixed 48926 and Architect's drawings.
- The site investigation indicated the cohesive ground to be of medium volume change potential.
- Footings must be founded on undisturbed natural ground at a minimum depth of 600mm below EGL or 900mm below FGL whichever is lower on sand or sandstone & 900mm below EGL or FGL whichever is lower on clay or mudstone (deeper near trees).
- Concrete has been assigned a design sulphate class of DS-1 and aggressive chemical environment for concrete (ACEC) class of AC-1 where in contact with natural ground (GEN1 concrete should be used). Where grey mudstone is encountered in TP21 the level of sulphate measures should be increased to a design sulphate class of DS-2 and aggressive chemical environment for concrete (ACEC) class of AC-2 (FND2 concrete should be used). Where coal is encountered within the foundations the level of sulphate measures should be increased to a design sulphate class of DS-3 and aggressive chemical environment for concrete (ACEC) class of AC-3 (FND3 concrete should be used). Reinforced Concrete to be designed mix in accordance with BS8500-2:
 - Minimum compressive strength class = C28/35
 - Design Chemical Class = DC-2
 - Intended working life of structure = at least 50 years
 - Exposure class = XC3/4, XF1
- No radon protective measures or gas measures are considered to be necessary.
- Spread foundations have been designed using a safe bearing capacity of 125kN/m² on dry sand & clay and 200kN/m² on sandstone & mudstone.
- All future trees should be of a type species and be positioned so as to not affect proposed footings.
- For spread foundations where heave precautions are required, a 50mm compressible layer should be placed on the inside of the footings to external walls starting from 500mm above the base of the footing. The compressible layer should be proprietary expanded polystyrene intended for this use. The sides of these footings must be smooth and vertical.
- Footings must extend to the deepest of the following:-
 - To the intended founding level shown.
 - To undisturbed natural ground with an allowable bearing pressure of at least 125kN/m².
 - To a depth which will not surcharge nearby drains and footings.
- The intended founding level assumes that suitable material will be found at the level stated. If not, Eastwood Consulting Engineers should be informed so that appropriate precautions can be taken.
- Footing widths to be minimum 600 mm, assuming natural dry sand is found at formation. Should water ingress occur, which can lower the sand's bearing capacity, Eastwood CE should be informed as foundation will require widening.
- Shallow groundwater may be present, site will need to install adequate groundwater control measures.
- For unreinforced footings, minimum 150 mm footing thickness is required for 600 mm wide footings, where 750 mm wide footings are required thickness should be increased to 225 mm.

PLOT SPECIFIC NOTE

- A. Trial pit or borehole in vicinity of plot.

ABBREVIATIONS:

ND Normal Depth
WM Water Main
RS Reinforced Suspended
USF Unreinforced Strip Footing
RSF Reinforced Strip Footing
UTF Unreinforced Trench Fill
RTF Reinforced Trench Fill
ETF Engineered Trench Fill
PCV Precast concrete floor with 150mm void depth
PCVH Precast concrete floor with 250mm void depth
SUSP PCV or RS

P02	Plots 33, 36-37, 38, 79, 102, 103, 163-164, 169-170, 256-257 & 289 updated to suit latest site layout, external works & plot drainage.	JL	KE	24.11.2025
	P01 First issue.	JL	KE	08.10.2025
REV	DESCRIPTION	SIG	CHK	DATE

AVANT HOMES

THURNSCOE BRIDGE LANE,
THURNSCOE

FOUNDATION SCHEDULE
SHEET 1 OF 4



ECE PROJECT No SCALE AT A1 STATUS SUITABLE FOR

48926 NTS **S0** Initial

DRAWING NUMBER REV
48926 - ECE - XX - XX - DR - C - 0086 P02
Project Originator Zone Level Type Role Number