

FOUNDATION SCHEDULE PLOTS 68 - 122																		
Plot No.	House Type	FFL (m AOD)	Range of EGL (m AOD)		Formation Level (m AOD)		Anticipated Depth From FFL, (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										
68-69	Salbury	38.800	39.000	39.850	37.750	37.750	1.050	1.050	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND	SUSP	No	-
70	Dalton	38.800	38.750	39.550	37.700	37.750	1.050	1.100	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND / Drain	SUSP	No	-
70G	SG	38.800	39.600	40.150	37.750	37.900	0.900	1.050	USF	600	150	GEN1	DS-1 AC-1	Mudstone	ND	SUSP	No	-
71-72	Salbury	38.800	38.800	39.650	37.600	37.750	1.050	1.200	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND	SUSP	No	-
73-74	Eastbeck	38.650	38.550	39.400	37.600	37.600	1.050	1.050	USF	600	150	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	A
75-76	Salbury	38.500	38.250	39.100	37.050	37.450	1.050	1.450	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Clay	ND / Drain	SUSP	No	-
77	Dalton	38.350	37.800	38.650	36.500	37.300	1.050	1.850	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Clay	ND / Drain	SUSP	No	-
77G	SG	38.350	38.350	38.900	37.450	37.450	0.900	0.900	USF	600	150	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
78	Leyburn	38.350	37.550	38.350	36.650	37.300	1.050	1.700	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
79	Leyburn	38.350	36.700	37.400	35.300	36.500	1.850	3.050	UTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay	ND / Drain	SUSP	No	-
80-81	Baildon	37.000	36.450	37.250	35.550	35.950	1.050	1.450	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
82-83	Baildon	37.000	36.400	37.100	35.500	35.950	1.050	1.500	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
84-85	R2.1	37.150	36.700	37.700	35.800	36.100	1.050	1.350	USF	600	150	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
86-87	Hathersage	37.450	37.200	38.450	36.300	36.400	1.050	1.150	RSF	TBC	225	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND	SUSP	No	-
88-89	Hathersage	38.050	37.900	39.050	36.550	37.000	1.050	1.500	RSF / RTF	TBC	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND	SUSP	No	-
90-91	R2.1	38.500	38.350	39.250	37.000	37.450	1.050	1.500	RSF / RTF	600	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND / Drain	SUSP	No	-
92	Leyburn	39.400	38.550	39.400	37.250	38.350	1.050	2.150	RSF / RTF	600	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND / Drain	SUSP	No	-
93	Leyburn	41.500	40.950	41.750	39.300	40.200	1.300	2.200	RSF / RTF	600	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND / Trees	PCVH	Yes	-
94-95	Baildon	41.200	40.600	41.700	39.400	40.100	1.100	1.800	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Clay	ND / Trees / Drain	SUSP	No	-
96	Dalton	41.050	40.200	41.150	39.300	40.000	1.050	1.750	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	A
96G	SG	41.050	39.500	40.150	38.600	39.250	1.800	2.450	UTF	600	-	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
97-98	Baildon	40.600	39.450	40.450	38.550	39.550	1.050	2.050	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
99	Dalton	40.450	39.050	39.900	38.150	39.000	1.450	2.300	UTF	600	-	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
99G	SG	40.450	38.450	39.000	37.550	38.100	2.350	2.900	UTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
100-101	Baildon	40.300	38.250	39.100	37.350	38.200	2.100	2.950	UTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
102	Leyburn	39.700	38.400	39.000	37.500	38.100	1.600	2.200	UTF	600	-	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
103	Leyburn	39.850	39.350	40.200	38.450	38.800	1.050	1.400	RSF / RTF	600	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND	SUSP	No	-
104	Wentbridge	41.200	39.750	40.600	38.650	39.700	1.500	2.550	RTF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay / Mudstone	ND	SUSP	No	-
105	Cookbury	41.800	40.150	41.050	39.250	40.150	1.650	2.550	UTF	600	-	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
106	Cookbury	42.100	40.500	41.400	39.600	40.500	1.600	2.500	UTF	600	-	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
107	Wentbridge	42.700	40.800	41.700	39.900	40.800	1.900	2.800	UTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
108G	SG	42.700	40.450	41.000	39.550	40.100	2.600	3.150	UTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
108	Dalton	43.000	41.250	41.950	40.350	41.350	1.650	2.650	RTF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND	SUSP	No	-
109	Dalton	43.300	41.350	42.100	40.450	41.500	1.800	2.850	RTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND	SUSP	No	-
109G	SG	43.150	40.700	41.250	39.800	40.350	2.800	3.350	ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
110	Wentbridge	43.300	41.350	42.000	40.450	41.400	1.900	2.850	RTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND	SUSP	No	-
111	Cookbury	43.300	41.450	42.250	40.550	41.650	1.650	2.750	RTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND	SUSP	No	A
112	Cookbury	43.300	41.600	42.400	40.700	41.800	1.500	2.600	RTF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND	SUSP	No	-
113	Wentbridge	43.150	41.700	42.500	40.800	41.900	1.250	2.350	RSF / RTF	600	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND	SUSP	No	-
114G	SG	43.000	40.900	41.550	40.000	40.650	2.350	3.000	UTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
114	Dalton	43.150	41.800	42.600	40.900	41.850	1.300	2.250	RSF / RTF	600	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND / Drain	SUSP	No	-
115	Dalton	43.000	41.750	42.550	40.850	41.950	1.050	2.150	RSF / RTF	600	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND	SUSP	No	-
115G	SG	42.850	40.750	41.450	39.850	40.550	2.300	3.000	UTF / ETF	600	-	C28/35 & GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
116	Wentbridge	42.850	41.450	42.400	40.550	41.800	1.050	2.300	RSF / RTF	600	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND	SUSP	No	-
117	Cookbury	42.400	41.300	42.150	40.400	41.350	1.050	2.000	RSF / RTF	600	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND / Drain	SUSP	No	-
118	Cookbury	42.400	41.050	42.050	40.150	41.250	1.150	2.250	RSF / RTF	600	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND / Drain	SUSP	No	A
119-120	Knaresborough	42.400	40.900	41.750	40.000	41.150	1.250	2.400	RSF / RTF	TBC	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND	SUSP	No	-
121-122	Femdale/ Knaresborough	42.700	40.650	41.600	39.750	40.700	2.000	2.950	UTF / ETF	TBC	-	C28/35 & GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-

Party Wall	Footing Width (mm)	
	Dry Sand / Clay (125 kN/m ²)	Sandstone / Mudstone (200 kN/m ²)
A3 - A3	TBC	TBC
Baildon - Baildon	600	600
Denborough - Denborough	600	600
Eastbeck - Eastbeck	600	600
Femdale - 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
	First issue.	JL	KE	08.10.2025
REV	DESCRIPTION	SIG	CHK	DATE

AVANT HOMES

THURNSCOE BRIDGE LANE,
THURNSCOE

FOUNDATION SCHEDULE
SHEET 2 OF 4



ECE PROJECT No SCALE AT A1 STATUS SUITABLE FOR

48926 NTS **S0** Initial

DRAWING NUMBER REV
48926 - ECE - XX - XX - DR - C - 0087 P02
Project Originator Zone Level Type Role Number