

FOUNDATION SCHEDULE PLOTS 123 - 212																		
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										
123-124	Knaresborough / Ferndale	42.700	40.550	41.500	39.650	40.600	2.100	3.050	UTF / ETF	TBC	-	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
125	Ferndale	45.850	45.100	45.550	43.850	44.700	1.150	2.000	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Sand	ND / Drain	SUSP	No	-
126	Knaresborough	45.100	44.750	45.200	43.300	44.050	1.050	1.800	USF / UTF	TBC	150 / -	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
127-128	Denborough	44.350	43.900	44.650	42.400	43.300	1.050	1.950	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
129-130	Salbury	43.450	42.650	43.650	41.750	42.400	1.050	1.700	USF / UTF	600	150 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND / WM	SUSP	No	-
131-132	Knaresborough	42.400	41.400	42.600	40.500	41.350	1.050	1.900	USF / UTF	TBC	150 / -	GEN1	DS-1 AC-1	Clay	ND / Drain / WM	SUSP	No	-
133-134	Knaresborough	41.800	40.100	41.500	37.750	40.450	1.350	4.050	Plot Specific Drawing Required			GEN1	DS-1 AC-1	Clay	ND / WM	SUSP	No	-
135	Cadeby	44.500	41.700	42.700	38.800	41.800	2.700	5.700	Plot Specific Drawing Required			GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
136-137	Knaresborough	44.800	42.700	43.950	41.800	43.050	1.750	3.000	UTF / ETF	TBC	-	C28/35 & GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
138-139	Knaresborough	45.400	44.050	45.150	43.150	44.350	1.050	2.250	RSF / RTF	TBC	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND / Drain	SUSP	No	-
140	Leyburn	46.450	45.300	45.800	43.850	45.200	1.250	2.600	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Sand	ND / Drain	SUSP	No	-
141-142	Ferndale / Knaresborough	46.600	46.600	46.850	45.150	45.550	1.050	1.450	USF / UTF	TBC	150 / -	GEN1	DS-1 AC-1	Sand	ND / Drain	SUSP	No	-
143-144	Knaresborough	46.600	46.500	46.850	45.400	45.550	1.050	1.200	USF	TBC	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
145	Cadeby	46.450	46.250	46.700	45.400	45.400	1.050	1.050	USF	600	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
146-147	Knaresborough	46.300	45.750	46.450	45.150	45.250	1.050	1.150	USF	TBC	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
148-149	Knaresborough	46.600	46.600	46.800	45.550	45.550	1.050	1.050	USF	TBC	150	GEN1	DS-1 AC-1	Clay	ND	SUSP	No	-
150-151	Knaresborough	46.600	46.750	46.850	45.400	45.550	1.050	1.200	RSF	TBC	225	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND	SUSP	No	-
152-153	Baildon	46.450	46.600	46.850	45.200	45.400	1.050	1.250	USF	600	150	GEN1	DS-1 AC-1	Sand	ND / Drain	SUSP	No	-
154-155	Knaresborough / Ferndale	46.300	46.250	46.750	45.250	45.250	1.050	1.050	USF	TBC	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
156	Leyburn	43.150	43.700	44.300	42.100	42.100	1.050	1.050	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Sand / Mudstone	ND	SUSP	No	-
157-158	Baildon	43.150	43.700	44.200	42.100	42.100	1.050	1.050	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Sand / Mudstone	ND	SUSP	No	-
159-160	Salbury	43.150	43.700	44.150	42.100	42.100	1.050	1.050	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Sand / Mudstone	ND	SUSP	No	-
161-162	Baildon	43.300	43.700	43.950	42.100	42.250	1.050	1.200	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Sand / Mudstone	ND	SUSP	No	-
163-164	Salbury	43.600	43.700	44.100	42.250	42.550	1.050	1.350	RSF	600	225	C28/35 & GEN1	DS-1 AC-1	Sand / Mudstone	ND	SUSP	No	-
165-166	Baildon	43.750	43.850	44.150	42.550	42.700	1.050	1.200	USF	600	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
167-168	Salbury	44.050	43.900	44.150	42.700	43.000	1.050	1.350	USF	600	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
169-170	Baildon	44.200	43.850	44.100	43.000	43.150	1.050	1.200	USF	600	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
171-172	Ferndale / Knaresborough	44.200	43.600	43.850	42.100	43.150	1.050	2.100	USF / UTF	TBC	150 / -	GEN1	DS-1 AC-1	Sand	ND / Drain	SUSP	No	-
173-174	Baildon	44.200	43.850	44.000	43.150	43.150	1.050	1.050	USF	600	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
175-176	Baildon	44.050	43.550	43.800	42.950	43.000	1.050	1.100	USF	600	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
177-178	Knaresborough / Ferndale	43.750	43.250	43.500	42.650	42.700	1.050	1.100	USF	TBC	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
179-180	Ferndale / Knaresborough	43.150	42.650	42.900	41.750	42.100	1.050	1.400	RSF / RTF	TBC	225 / -	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND	SUSP	No	-
181-182	Baildon	43.450	42.800	43.200	42.100	42.400	1.050	1.350	USF	600	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
183-184	Eastbeck	43.600	43.050	43.500	42.400	42.550	1.050	1.200	USF	600	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
185-186	Eastbeck	43.750	43.300	43.800	42.550	42.700	1.050	1.200	USF	600	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
187-188	Baildon	43.900	43.450	43.850	42.700	42.700	1.200	1.200	USF	600	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
189-190	Knaresborough / Ferndale	43.750	43.050	43.650	41.950	42.700	1.050	1.800	USF / UTF	TBC	150 / -	GEN1	DS-1 AC-1	Sand	ND / Drain	SUSP	No	-
191-192	Ferndale / Knaresborough	41.950	41.900	42.450	40.750	40.900	1.050	1.200	USF	TBC	150	GEN1	DS-1 AC-1	Sand	ND / Drain	SUSP	No	-
193-194	Salbury	42.100	41.900	42.500	41.050	41.050	1.050	1.050	USF	600	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
195-196	Eastbeck	42.100	41.850	42.450	41.050	41.050	1.050	1.050	USF	600	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
197-198	Eastbeck	42.100	41.750	42.300	41.050	41.050	1.050	1.050	USF	600	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
199-200	Salbury	42.100	41.700	42.250	41.050	41.050	1.050	1.050	USF	600	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	A
201-202	Knaresborough / Ferndale	42.100	41.700	42.100	40.900	41.050	1.050	1.200	RSF	TBC	225	C28/35 & GEN1	DS-1 AC-1	Clay / Sand	ND	SUSP	No	-
203-204	Baildon	44.200	43.700	43.950	42.950	43.150	1.050	1.250	USF	600	150	GEN1	DS-1 AC-1	Sand	ND / Drain	SUSP	No	-
205-206	Baildon	44.350	43.800	44.050	42.950	43.300	1.050	1.400	USF / UTF	600	150 / -	GEN1	DS-1 AC-1	Sand	ND / Drain	SUSP	No	-
207-208	Eastbeck	44.350	43.900	44.050	43.200	43.300	1.050	1.150	USF	600	150	GEN1	DS-1 AC-1	Sand	ND / Drain	SUSP	No	-
209-210	Eastbeck	44.500	44.000	44.200	43.300	43.450	1.050	1.200	USF	600	150	GEN1	DS-1 AC-1	Sand	ND	SUSP	No	-
211-212	Eastbeck	44.650	44.050	44.350	43.450	43.600	1.050	1.200	USF	600	150	GEN1	DS-1 AC-1	Sand	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
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

1. This drawing is to be read in conjunction with all relevant Eastwood Consulting Engineers drawings prefixed 48926 and Architect's drawings.
2. The site investigation indicated the cohesive ground to be of medium volume change potential.
3. 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).
4. 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
5. No radon protective measures or gas measures are considered to be necessary.
6. Spread foundations have been designed using a safe bearing capacity of 125kN/m² on dry sand & clay and 200kN/m² on sandstone & mudstone.
7. All future trees should be of a type species and be positioned so as to not affect proposed footings.
8. 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.
9. 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.
10. 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.
11. 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.
12. Shallow groundwater may be present, site will need to install adequate groundwater control measures.
13. 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 3 OF 4

Eastwood

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ECE PROJECT No	SCALE AT A1	STATUS	SUITABLE FOR
48926	NTS	S0	Initial
DRAWING NUMBER			
48926 - ECE - XX - XX - DR - C - 0088			
Project	Originator	Zone	Level
	Type	Role	Number