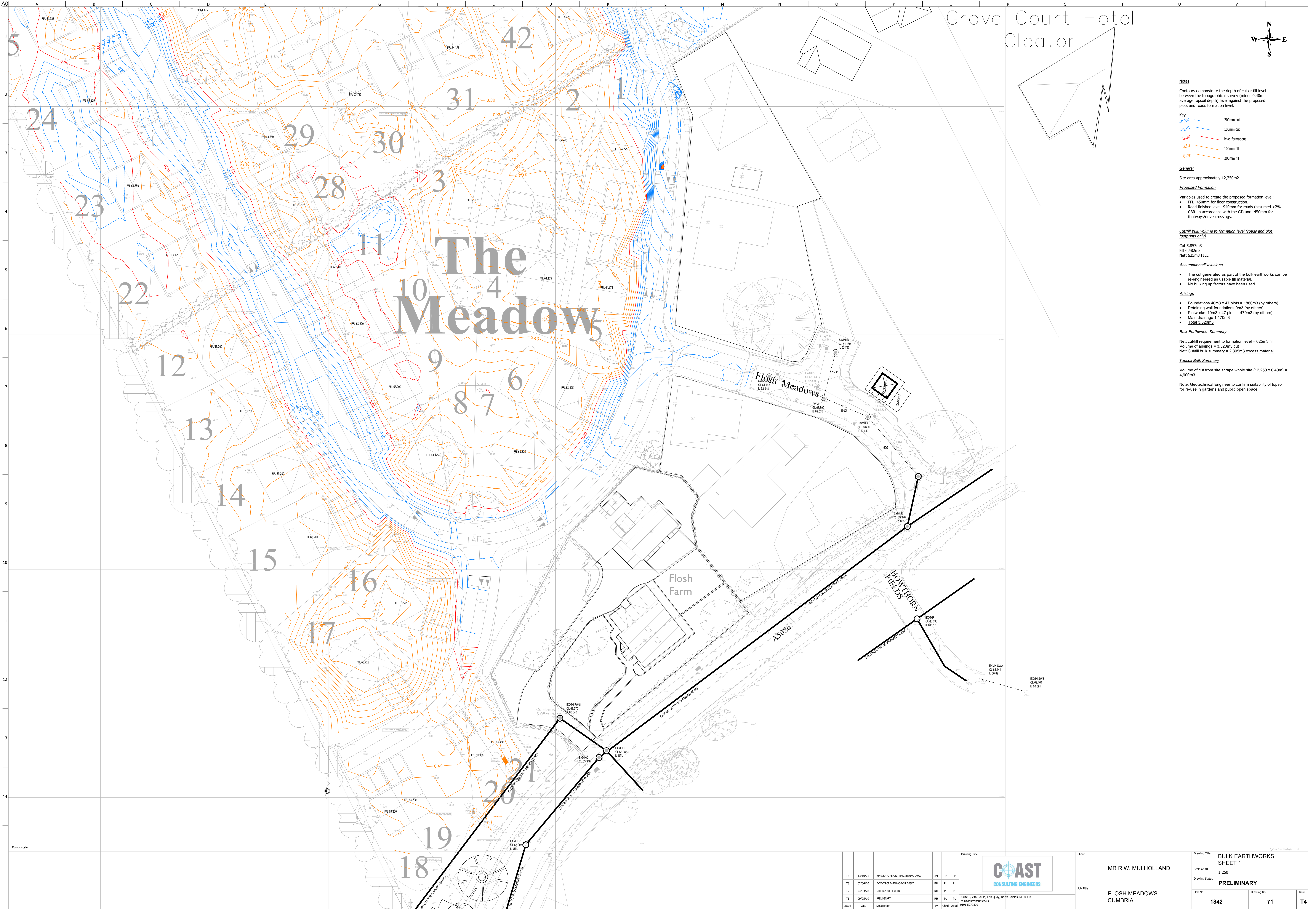
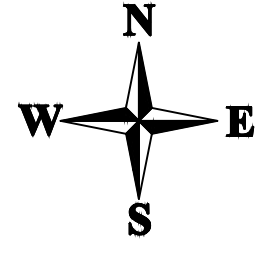




Grove Court Hotel
Cleator



Notes
Contours demonstrate the depth of cut or fill level between the topographical survey (minus 0.40m average topsoil depth) level against the proposed plots and roads formation level.

Key
-0.20 200mm cut
-0.10 100mm cut
0.00 level formations
0.10 100mm fill
0.20 200mm fill

General
Site area approximately 12,250m²

Proposed Formation
Variables used to create the proposed formation level:
• FFL -450mm for floor construction.
• Road finished level -940mm for roads (assumed -2% CBR in accordance with the GI) and -450mm for footways/drive crossings.

Cut/fill bulk volume to formation level (roads and plot footprints only)
Cut 5.857m³
Fill 6.482m³
Nett 625m³ FILL

Assumptions/Exclusions
• The cut generated as part of the bulk earthworks can be re-engineered as usable fill material.
• No bulking up factors have been used.

Arising
• Foundations 40m³ x 47 plots = 1880m³ (by others)
• Retaining wall foundations 0m³ (by others)
• Plotworks 10m³ x 47 plots = 470m³ (by others)
• Main drainage 1.170m³
• Total 3.520m³

Bulk Earthworks Summary
Nett cut/fill requirement to formation level = 625m³ fill
Volume of arising = 3,520m³ cut
Nett Cut/fill bulk summary = 2,895m³ excess material

Topsoil Bulk Summary
Volume of cut from site scrape whole site (12,250 x 0.40m) = 4,900m³

Note: Geotechnical Engineer to confirm suitability of topsoil for re-use in gardens and public open space

Do not scale

Issue	Date	Description	By	Appd
T4	13/10/21	REVISED TO REFLECT ENGINEERING LAYOUT	JM	RH
T3	02/04/20	EXTENTS OF EARTHWORKS REVISED	BH	PL
T2	24/03/20	SITE LAYOUT REVISED	BH	PL
T1	09/05/19	PRELIMINARY	BH	PL

Drawing Title

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Client
MR R.W. MULHOLLAND

Job Title
FLOSH MEADOWS
CUMBRIA

Drawing Title BULK EARTHWORKS SHEET 1			
Scale at A0 1:250			
Drawing Status PRELIMINARY			
Job No 1842	Drawing No 71	Issue T4	