

External Works Key

Denotes Depth of Fill	0.10
Denotes Depth of Cut	-0.10
Denotes Depth of Zero Cut/Fill	0.00

EXISTING SITE STRIP
TOTAL SITE AREA = 13,289m²
A 300mm SITE STRIP HAS BEEN ALLOWED IN THE BELOW CALCULATIONS.
TOPSOIL GENERATED = 13,289m² x 0.3m = 3986.6m³
ANY MATERIAL DEEMED UNSUITABLE FOR REUSE AS ENGINEERING FILL SHOULD BE REMOVED FROM SITE.

CUT/FILL ANALYSIS BETWEEN EXISTING SITE LEVELS AND PROPOSED FORMATION LEVELS
ASSUME THE FOLLOWING DEPTH TO FORMATION
ADAPTABLE HIGHWAY CORRIDOR = 600mm
BUILDING FOOTPRINT = 400mm
PRIVATE DRIVES = 450mm
GARDENS & LANDSCAPING = 300mm

CUT/FILL RATIO
PROPOSED FORMATION LEVELS TO EXISTING SURVEY LEVELS

	CUT	FILL
GROSS:	670m ³	3490m ³
NET:		2820m ³

HOUSE FOUNDATION ARISINGS = 800m³
ASSUMING ARISE 800mm DEEP @ 20m³ PER PLOT x 40m²

ISOPACHYTE CONTOURS/VOLUMETRIC ANALYSIS REPRESENT APPROXIMATE CUT AND FILL VOLUMES BETWEEN THE PROPOSED FORMATION LEVELS AGAINST EXISTING PROPOSED LEVELS. IT IS ASSUMED THE EXISTING SITE WILL BE PROCESSED TO ENSURE ALL EXISTING MATERIAL IN SITE IS SUITABLE FOR REUSE AS ENGINEERING FILL REFER TO THE ADJACENT VOLUMETRIC ANALYSIS ABOVE.

STANTEC DO NOT ACCEPT RESPONSIBILITY FOR VARIATIONS IN THE ACTUAL DEPTH OF THE SITE STRIP OR ANY OTHER ON SITE EARTHWORKS WHICH MAY AFFECT THE RESULTING VOLUMES. THE CONTRACTOR SHALL UNDERTAKE AN INDEPENDENT ANALYSIS OF PROPOSED EARTHWORKS TO BE REQUIRED.

- CAVEATS
- NO BULKING FACTORS HAVE BEEN CONSIDERED.
 - NO ARISING FROM DRAINAGE NETWORK HAVE BEEN CONSIDERED.
 - DEMOLITION MATERIAL FROM ANY EXISTING BUILDINGS/STRUCTURES HAS NOT BEEN CONSIDERED.

PROJ DRAWING NUMBER CHANGED

Proj	Issue	By	Date
JF	MP		04.07.2023
JF	MP		20.06.2023

Issued/Revision

Issued	By	Date
JF	Appd	DD.MM.YYYY

Issue Status

Proj	Issue	By	Date
JF	MP		20.06.2023
Own	Drawn	Drawn	DD.MM.YYYY

S2 - FOR INFORMATION

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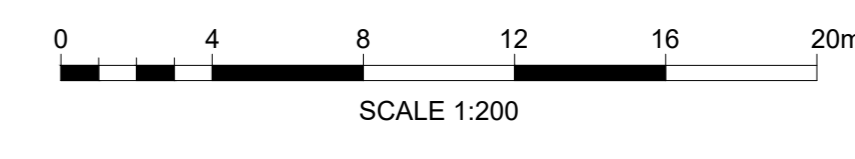
Client/Project Logo



Client/Project
THIRTEEN GROUP

HIGHMOOR LANE, CLECKHEATON

PROPOSED EARTHWORKS ANALYSIS



P:\Projects\2023\2023-04-13\1314\1314_HA_TYNE_TYNE.dwg
Created: 13.04.2023 10:11:11
Plot Date: 20.06.2023 10:11:11
Plot Scale: 1:200
Plot Size: A3
Plot Orientation: Landscape
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