

CUT AND FILL NOTES

BULKING
NO BULKING FACTOR HAS BEEN INCLUDED IN THE VOLUME CALCULATIONS. PLEASE INFORM US IF THIS NEEDS TO BE AMENDED.

SITE STRIP
A SITE STRIP OF 150mm HAS BEEN APPLIED TO THE EXISTING SURFACE CREATED FROM THE TOPOGRAPHICAL SURVEY FOR THE FULL SITE.

PROPOSED SURFACE
A PROPOSED SURFACE HAS BEEN GENERATED USING LEVELS PROVIDED BY THE ARCHITECT. FFL'S HAVE BEEN SET.

LEVEL FALL AWAY FROM THE PROPERTY FOR FLOOD EXCEEDANCE
ROUTES HAS PRODUCED THE PROPOSED LEVELS MODEL.

FORMATION DEPTHS
THE FORMATION DEPTHS HAVE BEEN CALCULATED USING THE PROPOSED SURFACE AND REDUCED BY THE BELOW DEPTHS TO ACHIEVE THE FORMATION SURFACES.

ACCESS ROAD HAS A FORMATION DEPTH OF 515mm.
BUILDINGS HAVE A FORMATION DEPTH OF 600mm.
FOOTPATHS HAVE A FORMATION DEPTH OF 210mm.
PERMEABLE BLOCK PAVING HAVE A FORMATION DEPTH OF 430mm.
SOFT LANDSCAPING HAVE A FORMATION DEPTH OF 150mm.

CUT AND FILL ANALYSIS
THE COMPARISON BETWEEN THE SITE STRIP SURFACE VS THE PROPOSED FORMATION SURFACES. ALL CUT MATERIAL IS ASSUMED TO BE SUITABLE TO BE REUSED ON SITE.

ACCESS ROAD
CUT: 532.6m³
FILL: 0.0m³
NET: 532.6m³ EXCESS CUT MATERIAL

BUILDINGS
CUT: 6.1m³
FILL: 566.5m³
NET: 560.4m³ REQUIRED FILL MATERIAL

FOOTPATHS
CUT: 53.4m³
FILL: 165.4m³
NET: 112m³ REQUIRED FILL MATERIAL

PERMEABLE BLOCK PAVING
CUT: 205.6m³
FILL: 0.0m³
NET: 205.6m³ EXCESS CUT MATERIAL

SOFT LANDSCAPES
CUT: 969.9m³
FILL: 500.5m³
NET: 459.4m³ EXCESS CUT MATERIAL

TOTAL:
CUT: 1,757.6m³
FILL: 1,232.4m³
NET: 525.2m³ EXCESS CUT MATERIAL



Meadow View

possible buried BR1 located with this CPFL

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DO NOT SCALE

FOR THE AVOIDANCE OF DOUBT, NO APPROVALS, REVIEWS, COMMENTS OR INDICATION OF SATISFACTION GIVEN BY ARC ENGINEERS IN TERMS OF SUBCONTRACT DRAWINGS, PRODUCTS OR PROPOSED MATERIALS SHALL REDUCE OR EXTINGUISH THE OBLIGATION OF THE SUB-CONTRACTOR OR SUPPLIER TO ADHERE TO THE SPECIFICATION, GENERAL ARRANGEMENT DRAWINGS, STATUTORY REQUIREMENTS AND GOOD WORKING PRACTICE. ARC ENGINEERS ACCEPT NO LIABILITY FOR THE SELECTION OF MATERIALS OR WORKMANSHIP IN THE EXECUTION OF THE WORKS.

GENERAL NOTES

- THESE NOTES ARE INTENDED TO AUGMENT DRAWINGS AND SPECIFICATIONS. WHERE CONFLICT OF REQUIREMENTS EXISTS THE ORDER OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATIONS. OTHERWISE THE STRICTEST PROVISION SHALL GOVERN.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS.
- DRAWINGS NOT TO BE SCALED.
- ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR, ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER/ARCHITECT AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.
- THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETE. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURE AND SEQUENCE AND ENSURE THAT THE BUILDING AND ITS COMPONENTS ARE SAFE DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER TEMPORARY BRACING, GUYS OR TIE-DOWNS WHICH MAY BE NECESSARY, SUCH MATERIAL REMAINING THE PROPERTY OF THE CONTRACTOR UPON COMPLETION.
- ALL WORK TO COMPLY TO CURRENT BUILDING REGULATIONS AND TO BE IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARDS AND APPROPRIATE CODES OF PRACTICE.
- FOR FURTHER NOTES REFER TO PROJECT SPECIFICATIONS.

SAFETY, HEALTH & ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following risks and information.

Risks listed here are not exhaustive. Refer to Risk Assessment Register: 25047

Construction:



Demolition

No Unusual hazards/risks

For information relating to Use, Cleaning and Maintenance see Health & Safety File

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement



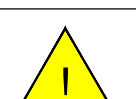
INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION



INDICATES A RESIDUAL RISK FOR INFORMATION



INDICATES A RESIDUAL RISK REQUIRING PROHIBITIVE ACTION



INDICATES A RESIDUAL RISK AS A WARNING

| SURFACE LEVEL DATA | | | | |
|--------------------|---------------|---------------|-------------|----------|
| NUMBER | MINIMUM LEVEL | MAXIMUM LEVEL | COLOUR | VOLUME |
| 1 | -3.00 | -2.50 | Red | 4079.0m3 |
| 2 | -2.50 | -2.00 | Orange | 4076.8m3 |
| 3 | -2.00 | -1.50 | Yellow | 4012.9m3 |
| 4 | -1.50 | -1.00 | Light Green | 3939.3m3 |
| 5 | -1.00 | -0.50 | Green | 3705.0m3 |
| 6 | -0.50 | 0.00 | Light Blue | 2909.4m3 |
| 7 | 0.00 | 0.50 | Blue | 1072.3m3 |
| 8 | 0.50 | 1.00 | Dark Blue | 146.9m3 |
| 9 | 1.00 | 1.50 | Grey | 0.1m3 |

| | | | | | |
|-----|---------------------------|----|-----|-----|----------|
| P3 | CLIENT DETAILS AMENDED | SG | MG | AR | 03.09.25 |
| P2 | SITE LAYOUT PLAN UPDATED. | SG | MG | AR | 02.09.25 |
| P1 | INITIAL ISSUE | SG | MG | AR | 29.07.25 |
| REV | DETAIL | BY | CHK | APP | DATE |

CONSULTING STRUCTURAL AND CIVIL ENGINEERS

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Phone: 0113 253 3904
www.arc-engineers.co.uk

CLIENT:

PROPCO (WOKINGHAM) LTD

PROJECT:

EVENDON LANE RESIDENTIAL CARE HOME, WOKINGHAM

TITLE:

EXTERNAL WORKS
GENERAL ARRANGEMENT

DRAWING STATUS:

PRELIMINARY

DRWN: DATE: 29.07.25
SG
CHECKED: DATE: 29.07.25
MG
APPROVED: DATE: 29.07.25
AR

CONTRACT NO:

25047

SCALE @ A1:

1:250

PROJECT NO: ORIGINATOR: ZONE: LEVEL: TYPE: DISCIPLINE: NUMBER: REVISION:

25047 - ARC - XX - XX - DR - C - 6001 - P3