CDM REGULATIONS 2015 RESIDUAL HAZARDS

RESIDUAL HAZARDS IDENTIFIED

CONSTRUCTION

1. NO SIGNIFICANT OTHER HAZARDS BEYOND THOSE KNOWN TO AN EXPERIENCED CONTRACTOR.

FUTURE DEMOLITION

A. NO SIGNIFICANT OTHER HAZARDS BEYOND THOSE KNOWN TO AN EXPERIENCED CONTRACTOR.

THIS REGISTER IS A NON-EXHAUSTIVE LIST OF RESIDUAL HAZARDS RELATING TO THE WORKS SHOWN ON THIS DRAWING THAT HAVE BEEN IDENTIFIED DURING THE DESIGN STAGE.

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A CONTRACTOR WITH THE APPROPRIATE SKILLS, KNOWLEDGE & EXPERIENCE, AND IF THEY ARE AN ORGANISATION, THE ORGANISATIONAL CAPABILITY NECESSARY TO FULFILL THE ROLE.

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J.C.White drawing 17/00/093-02 titled 'Orthographic Aerial Image & Level Survey', dated April 2019 has been used to define the existing ground level surface profile.

BHD Architects drawing 2989-PD001-Rev E titled 'Site Plan' dated October 2015 has been used to define the proposed ground surface profile.

Various surfaces were developed from the survey and design information extracted from the above drawings, these are defined below;

EG
Existing ground level defined by the J.C.White survey data.

EG LESS PILES
Existing ground level excluding the apparent individual piles of material above surface.

ASL
No surface strip has been allowed for.

Proposed Finish
Finished surface level profile as defined by the BDH Architects drawing with additional points introduced to define the road profiles and car parks & garden levels interpolated between plots and roads.

Proposed Formation
Formation level (underside) of the permanent works defined by the proposed finished surface level reduced by an assumed 750mm construction thickness.

EG LESS PILES TO FORMATION AREA ?
Comparison between EG LESS PILES (existing ground level excluding apparent piles) and Proposed Formation surface reporting the total volume of cut and fill to achieve formation level but constrained to areas A, B, C & D.

PILE ?
Comparison between EG (existing ground level) EG LESS PILES reporting total volume of material in each of the apparent piles above the general existing surface.

Major contours displayed in light grey at 2.00m intervals and minor contours displayed in dark grey at 0.50m contours represent the current existing ground level.
Fill colours represent ranges of cut or fill depth in the transition from existing ground level to formation but excluding the 8no identifiable piles.
Colour ranges are shown in the table below.

Elevations Table

Number	Minimum Elevation	Maximum Elevation	Color
1	−6.42	−2.40	
2	−2.40	−1.49	
3	−1.49	−0.90	
4	−0.90	−0.53	
5	−0.53	−0.10	
6	−0.10	0.42	
7	0.42	1.05	
8	1.05	1.96	
9	1.96	3.60	
10	3.60	6.94	

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
EG LESS PILES TO FORMATION AREA A	**1.000**	**1.000**	8545.22sq.m	7120.20 Cu. M.	5272.06 Cu. M.	1848.14 Cu. M.<Cut>
EG LESS PILES TO FORMATION AREA B	**1.000**	**1.000**	15081.88sq.m	5753.92 Cu. M.	11930.07 Cu. M.	6176.15 Cu. M.<Fill>
EG LESS PILES TO FORMATION AREA C	**1.000**	**1.000**	12545.07sq.m	2044.87 Cu. M.	11374.59 Cu. M.	9329.72 Cu. M.<Fill>
EG LESS PILES TO FORMATION AREA D	**1.000**	**1.000**	2872.56sq.m	1742.45 Cu. M.	1413.49 Cu. M.	328.96 Cu. M.<Cut>
EG LESS PILES TO FORMATION AREA E	**1.000**	**1.000**	17067.97sq.m	30268.52 Cu. M.	182.89 Cu. M.	30085.62 Cu. M.<Cut>
EG LESS PILES TO FORMATION AREA F	**1.000**	**1.000**	9356.93sq.m	1.00 Cu. M.	36120.53 Cu. M.	36119.53 Cu. M.<Fill>
Totals			65469.63sq.m	46930.95 Cu. M.	66293.64 Cu. M.	19362.69 Cu. M.<Fill>

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
PILE 1	**1.000**	**1.000**	1285.37sq.m	1699.65 Cu. M.	0.00 Cu. M.	1699.65 Cu. M.<Cut>
PILE 2	**1.000**	**1.000**	479.05sq.m	610.02 Cu. M.	0.00 Cu. M.	610.02 Cu. M.<Cut>
PILE 3	**1.000**	**1.000**	356.42sq.m	131.92 Cu. M.	2.06 Cu. M.	129.85 Cu. M.<Cut>
PILE 4	**1.000**	**1.000**	1523.66sq.m	2834.91 Cu. M.	0.03 Cu. M.	2834.88 Cu. M.<Cut>
PILE 5	**1.000**	**1.000**	412.49sq.m	795.20 Cu. M.	0.00 Cu. M.	795.20 Cu. M.<Cut>
PILE 6	**1.000**	**1.000**	1732.77sq.m	3719.33 Cu. M.	90.90 Cu. M.	3628.43 Cu. M.<Cut>
PILE 7	**1.000**	**1.000**	389.94sq.m	18.35 Cu. M.	119.42 Cu. M.	101.07 Cu. M.<Fill>
PILE 8	**1.000**	**1.000**	4705.72sq.m	7948.27 Cu. M.	366.86 Cu. M.	7581.42 Cu. M.<Cut>
Totals			10885.41sq.m	17757.64 Cu. M.	579.28 Cu. M.	17178.36 Cu. M.<Cut>

Rev	Date	Description	By
B	24.10.2020	Colour shading changed	MJW
A	24.10.2020	Factors removed from vols	MJW

Morgan Thacker LTD

Title:-
CUT AND FILL ANALYSIS
PILES CONSIDERED INDIVIDUALLY

Project:-
P J BURKE
TOVIL

Drn by:-	Date:-	Scale:-	Sheet number:-
MJW	24th October 2020	1:500 @ A0	1 of 4

Drawing number:- MTL-127-28

Revision:- B