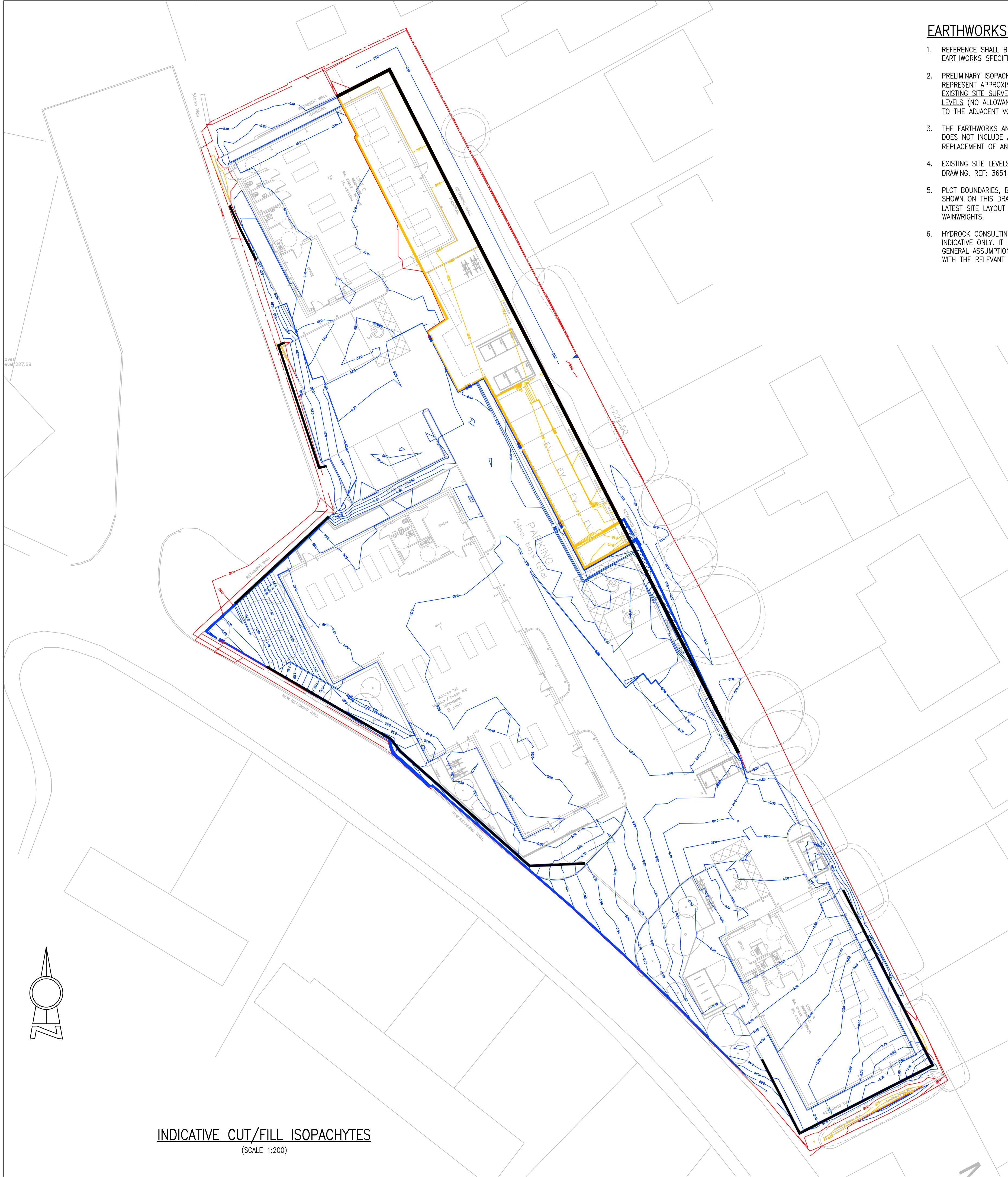




INDICATIVE CUT/FILL ISOPACHYTES
(SCALE 1:200)

EARTHWORKS NOTES

- REFERENCE SHALL BE MADE TO THE HYDROCK PROJECT EARTHWORKS SPECIFICATION.
- PRELIMINARY ISOPACHYTE CONTOURS/VOLUMETRIC ANALYSIS REPRESENT APPROXIMATE CUT AND FILL VOLUMES BETWEEN THE EXISTING SITE SURVEY AND THE AND THE PROPOSED FINISHED SITE LEVELS (NO ALLOWANCE FOR SITE STRIP OR BUILD-UPS), REFER TO THE ADJACENT VOLUMETRIC ANALYSIS TABLES.
- THE EARTHWORKS ANALYSIS QUANTITIES SHOWN ON THIS DRAWING DOES NOT INCLUDE ANY ALLOWANCE FOR OVER EXCAVATION OR REPLACEMENT OF ANY SOFT/UN-SUITABLE MATERIALS.
- EXISTING SITE LEVELS ARE TAKEN FROM THE ZS SURVEYS LTD DRAWING, REF: 3651, DATED: 05/10/23.
- PLOT BOUNDARIES, BUILDING AND EXTERNAL WORKS FOOTPRINTS SHOWN ON THIS DRAWING ARE INDICATIVE ONLY, BASED ON THE LATEST SITE LAYOUT DRAWING (WAC 000 – (SK)03 Rev A) BY WAINWRIGHTS.
- HYDROCK CONSULTING PROPOSED EARTHWORKS ANALYSIS IS INDICATIVE ONLY. IT IS BASED ON THIRD PARTY INFORMATION AND GENERAL ASSUMPTIONS AND SHOULD BE READ IN CONJUNCTION WITH THE RELEVANT EARTHWORKS SPECIFICATION.
- HYDROCK DO NOT ACCEPT RESPONSIBILITY FOR VARIATIONS IN THE ACTUAL DEPTH OF SITE STRIP OR ANY OTHER ON SITE EARTHWORKS WHICH MAY EFFECT THE RESULTING VOLUMES. THE CONTRACTOR SHALL UNDERTAKE AN INDEPENDENT ANALYSIS OF PROPOSED EARTHWORKS TO SATISFY HIMSELF AS TO THE VALIDITY OF THE INFORMATION PROVIDED.
- THE SPECIFICATION FOR HIGHWAY WORKS (SHW) SERIES 600 (1998) PUBLISHED BY HMSO SHALL FORM THE BASE SPECIFICATION FOR ALL EARTHWORKS AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLASSIFICATION, TESTING, PLACING AND COMPACTION OF MATERIAL IN ACCORDANCE WITH CLAUSES 601, 602, 603, 608, 612 AND 613.
- APPROXIMATE EARTHWORK VOLUMES HAVE BEEN DETERMINED BASED ON THE FOLLOWING ASSUMPTIONS/CAVEATS:
 - NO ALLOWANCE FOR SITE STRIP.
 - NO BULKING FACTORS HAVE BEEN CONSIDERED.
 - ARISINGS FROM MAJOR DRAINAGE EXCAVATIONS ARE CONSIDERED, FOUNDATION EXCAVATIONS ARE NOT INCLUDED AT THIS STAGE. REFER TO ADJACENT ANALYSIS TABLES.

ASHBOURNE LANE, CHAPEL EN-LE FRITH
EARTHWORKS ANALYSIS – 20.03.2024

PRELIMINARY CUT/FILL ASSESSMENT

EXISTING SITE SURVEY LEVEL TO PROPOSED FINISHED LEVELS. INDICATIVE CUT/FILL ASSESSMENT ONLY.

VOLUMES TO BE RE-ASSESSED WITH SITE STRIP & BUILD-UPS FOLLOWING LEVELS/LAYOUT REVIEW.

	CUT	FILL
FULL SITE ASSESSMENT	GROSS: 1,098	1,036
	NETT: 62	

THE ABOVE CUT/FILL ANALYSIS SHOWS A NET SURPLUS OF 62m³ OF FILL MATERIAL.

HOWEVER, NO ALLOWANCE HAS YET BEEN MADE FOR SITE STRIP AND CONSTRUCTION BUILD-UPS. THESE WILL BE ASSESSED FOLLOWING A REVIEW OF THE SITE LAYOUT & SITE INVESTIGATION INFORMATION.

IT IS ASSUMED THAT A CUT/FILL BALANCE CAN BE ACHIEVED.

- GENERAL NOTES
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT 3E, ARCHITECTS AND M&E ENGINEERS DRAWINGS AND SPECIFICATIONS.
 - DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.
- HEALTH & SAFETY
- CONTRACTOR SHOULD BE AWARE OF GENERAL CONSTRUCTION RISKS TO PREVENT SLIPS, TRIPS AND FALLS AND TAKE NECESSARY PRECAUTIONS WITHOUT SPECIAL INSTRUCTION.
- ROADS & DRAINAGE
- CONTRACTOR TO PROVIDE TRENCH SUPPORTS AS APPROPRIATE AND ENSURE THAT PLANT REMAINS A SAFE DISTANCE FROM TRENCHES PRIOR TO INSTALLING DRAINAGE.
 - THE TIME THAT EXCAVATIONS ARE OPEN ON SITE SHOULD BE KEPT TO A MINIMUM AND ALL TRENCHES SHOULD BE SURROUNDED BY A BARRIER.
 - CONNECTIONS TO EXISTING SEWERS TO ONLY BE MADE BY THE RELEVANT WATER AUTHORITY APPROVED CONTRACTOR.
 - CONTRACTOR TO MAKE OPERATIVES AWARE OF ASSOCIATED DANGERS TO HEALTH SUCH AS LEPTOSPIROSIS (WELLS DISEASE) AND RECOMMENDED PRECAUTIONS, ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING TO BE PROVIDED AS REQUIRED.
- PIPES & CABLES
- ALL EXISTING SERVICE RECORDS TO BE OBTAINED FROM THE M&E CONSULTANT.
- EXCAVATION/FILL
- CONTRACTOR TO ENSURE RELEVANT MEASURES ARE TAKEN TO KEEP PLANT AND PEOPLE A SAFE DISTANCE FROM STEEP SLOPES DURING THE WORKS.
 - CONTRACTOR TO ENSURE THAT PROCEDURES ARE IN PLACE TO KEEP PEOPLE A SAFE DISTANCE FROM WORKING PLANT WHERE NECESSARY.
 - CONTRACTOR TO REFER TO GROUND INVESTIGATION REPORT FOR CONTAMINATION TESTS AND TO PROVIDE ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING AS REQUIRED.
 - ALL FILL MATERIAL, COMPACTION METHOD AND TESTING REGIME TO BE IN ACCORDANCE WITH THE CURRENT 3E CONSULTING ENGINEERS EARTHWORKS SPECIFICATION.
10. THE CONTRACTOR SHOULD BE AWARE OF AND REFER TO ALL THE RELEVANT SERVICE RECORDS PRIOR TO ANY WORK COMMENCING. ALL NECESSARY PERMISSIONS AND PROTECTION MEASURES TO BE IN PLACE PRIOR TO ANY EXCAVATION WORKS. FOR THE AVOIDANCE OF DOUBT ANY DISCREPANCIES SHOULD BE REPORTED TO THE M&E AND CIVIL CONSULTANTS IMMEDIATELY. THE CONTRACTOR SHOULD PROCEED WITH CAUTION AND LOCATE ALL SERVICES BY HAND DIG ONLY.
8. UNFINISHED MANHOLES MUST BE COVERED WITH LOAD BEARING MATERIALS AND SURROUNDED WITH BARRIER.

EARTHWORKS KEY

- 1.00 DENOTES DEPTH OF FILL
- 1.00 DENOTES DEPTH OF CUT
- 0.00 DENOTES DEPTH OF ZERO CUT/FILL

NOTES

PRELIMINARY LAYOUT

- THE ARCHITECTS LAYOUT SHOWN IS PRELIMINARY AND SUBJECT TO CO-ORDINATION WITH ALL OTHER DISCIPLINES.
- EXTERNAL LEVELS DESIGN/LAYOUT MAY VARY TO SUIT CONSTRUCTION ISSUE INFORMATION BY OTHERS.

ALL VOLUMES ARE APPROXIMATE

REVISIONS

P02	UPDATED TO SUIT LATEST SITE LAYOUT & RETAINING	20/03/24	JM	AO ST
P01	INITIAL ISSUE	01/02/24	JM	AO ST
Rev.	Revision Notes	Date	Drawn By	Checked Approved

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PROJECT

Ashbourne Lane
Chapel-en-le-Frith

TITLE

Earthworks Analysis

HYDROCK PROJECT NO. 32978	SCALE @ A1 1:200	STATUS S1
STATUS DESCRIPTION SUITABLE FOR CO-ORDINATION	DRAWING NO. 32978-HYD-XX-XX-DR-C-3000	REVISION P02