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HEALTH AND SAFETY INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING

CONSTRUCTION.

MAINTENANCE/CLEANING/OPERATION.

DECOMMISSIONING/DEMOLITION.

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, DETAILS, SPECIFICATIONS AND REPORTS PREPARED AS PART OF THE PLANNING APPLICATION SUBMITTED IN SEPTEMBER 2021.
2. ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
3. THE TOPOGRAPHICAL DATA IS BASED ON INFORMATION PROVIDED BY:
   - SILKSTONE SURVEY - DRAWING REFERENCE : 21056
   - SURVEY OPERATIONS - DRAWING REFERENCE : 19G064
   - ORDNANCE SURVEY DATA HAS BEEN USED FOR ADDITIONAL WIDER BACKGROUND CONTEXT.
4. THE DATA USED IN THE PREPERATION OF THIS AND ALL OTHER BURO HAPPOLD DESIGNS AND DRAWINGS IS NOT WARRANTED. IT SHALL BE THE RESPONSIBILTY OF THE CONTRACTOR TO VERIFY ALL SURVEY INFORMATION PROVIDED AND REPORT ANY ANOMALIES TO BURO HAPPOLD.
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DESIGN NOTES

THE HIGHWAYS DESIGN PHILOSOPHY HAS BEEN PREPARED IN COMPLIANCE WITH THE FOLLOWING DESIGN DOCUMENTS:

LINK ROAD DESIGN

- KIRKLEE'S DESIGN GUIDANCE DOCUMENT DATED 2018 AND ASSOCIATED DOCUMENTS BROUGHT IN BY REFERENCE.

ROUNDABOUT DESIGN

- DESIGN MANUAL FOR ROADS AND BRIDGES (CD SERIES)

EARTHWORKS NOTES

6. THE PROPOSED LEVELS SHOWN ON THE CONTOURS PLANS ARE AT PROPOSED FINISHED LEVELS.
7. THE PROPOSED EARTHWORKS DESIGN HAS BEEN BASED UPON TOPOGRAPHICAL INFORMATION PROVIDED AND DOES NOT ACCOUNT FOR ANY SUBSEQUENT GROUND ALTERATIONS SINCE THE SURVEYS HAVE BEEN CARRIED OUT.
8. THE EARTHWORKS VOLUMES ASSUME NO BULKING FACTORS THIS IS TO BE CONSIDERED BY CONTRACTOR, SIMILARLY THE LEVEL AND MANAGEMENT OF RE-USABLE MATERIAL IS TO BE EVALUATED BY THE CONTRACTOR TOO.
9. THE DEPTH BANDING ON THE ISOPACHYTE DRAWING SERIES IS BETWEEN PROPOSED FINISHED LEVEL SURFACE AND EXISTING GROUND SURFACE.
10. NO SITE STRIP HAS BEEN ASSUMED AT THIS STAGE.

LEVELS DESIGN

THE PROPOSED LEVELS AND DESIGN HAS BEEN BASED ON THE FOLLOWING:

- MINIMISING CHANGES TO EXISITNG CARRIAGEWAY LEVELS (OVERLAY/INLAY)
- MINIMISING CHANGES TO EXISITING LONGFALLS
- UTILISING CROSSFALL WHICH FACILATES DRAINAGE TO PROPOSED SWALES.
- GUIDANCE FROM THE KIRKLESS HIGHWAYS DESIGN GUIDE AND DMRB DEOCUMENTS.
- MAINTAINING LEVELS OR FACILITATING LEVELS AT CRITICAL POINTS INCLUDING BUT NOT LIMITED TO THE EXISTING GAS MAIN AND POTENTIAL FUTURE LINK TO NETWORKRNE PROPOSED BRIDGE/ ROUNDABOUT. (BASED OFF INFORMATION RECEIVED FROM NETWORK RAIL. DRAWINGS REFEREED TO INCLUDE NR13 PLANNING SERIES CALDER RIVER BRIDGE MWN2-202)

Rev	Description	Date	Iss'd	Rev'd	App'd

Project Stage

Status of Drawing

PROPOSED ROAD 1
PROPOSED ROAD 2
PROPOSED ROAD 3
PROPOSED ROAD 4
CUT LINE 1
CUT LINE 2
CUT LINE 3
EXISTING PUMP STATION
EXISTING GAS MAIN
EXISTING GAS MAIN
PLOUGHED FIELD
OPEN AREA
ROUGH GRASS
SMALL TREES
HEDGE
NO ACCESS HIGH VEGETATION/BRAMBLES
OVERHEAD CABLES
BOTTOM OF BANK
SECTION OF BANK

Cut/Fill Table			
Number	Range From [m]	Range To [m]	Colour
1	-5.000	-4.000	
2	-4.000	-3.000	
3	-3.000	-2.000	
4	-2.000	-1.000	
5	-1.000	0.000	
6	0.000	1.000	
7	1.000	2.000	
8	2.000	3.000	
9	3.000	4.000	

50 25 0 50 100
1 : 1250
SCALE BEFORE REDUCTION

10 5 0 10 20 30 40
1 : 500
SCALE BEFORE REDUCTION

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Architect *BARTON WILMORE*
Project **DEWSBURY RIVERSIDE**
Drg Title HIGHWAYS PHASE 1
EARTHWORKS - ISOPACH
SHEET 2

Job No. 0048206
Scale@A1 1- 500
Drawn/Designed By. KH
Checked By.
Approved By.
Drawing No. DR-BH-XX-XX-DR-C-00-2158
Revision

SAFETY

S:\Sites\Dewsbury Riverside\Projects\Cad\0048206 Dewsbury Riverside\03 Cities - Infra\03_Highways\02_Detailed Design\DR-BH-XX-XX-DR-C-00-2157 T01.00 (Phase 1 Cut and Fill).dwg