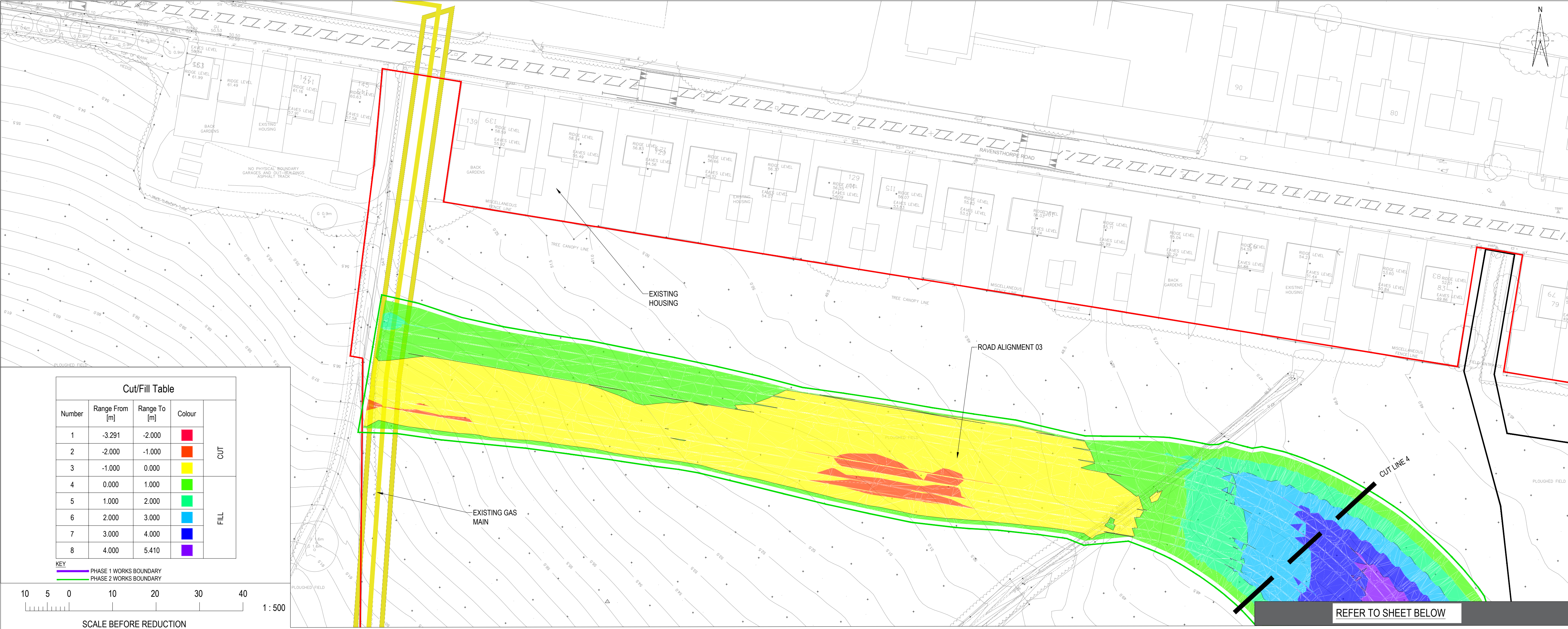




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DO NOT SCALE THIS DRAWING.

HEALTH AND SAFETY INFORMATION
IN ADDITION TO THE HAZARDOUS 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. THE DRAWINGS IS ALSO TO BE READ IN CONJUNCTION WITH BARTON
WILLMORE MASTERPLAN REF 32147_MPL_M_DWG14A
3. ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.
4. THE TOPOGRAPHICAL DATA IS BASED ON INFORMATION PROVIDED BY THE
COUNCIL. ORDNANCE SURVEY DATA HAS ALSO BEEN USED FOR ADDITIONAL
WIDER BACKGROUND CONTEXT.
5. THE DATA USED IN THE PREPARATION OF THIS AND ALL OTHER BURO
HAPPOLD DESIGNS AND DRAWINGS IS NOT WARRANTED. IT SHALL BE THE
RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL SURVEY INFORMATION
PROVIDED AND REPORT ANY ANOMALIES TO BURO HAPPOLD.
6. THIS DRAWING HAS BEEN PREPARED FOR THE SOLE BENEFIT. USE AND
INFORMATION OF THE CLIENT. THE LIABILITY OF BURO HAPPOLD IN RESPECT
OF ANY INFORMATION CONTAINED IN THE DRAWING WILL NOT EXTEND TO
ANY THIRD PARTIES. BURO HAPPOLD ACCEPTS NO LIABILITY FOR ANY
USE/MISUSE OF THIS DRAWING OTHER THAN FOR THE PURPOSE FOR WHICH
IT HAS BEEN PRODUCED.

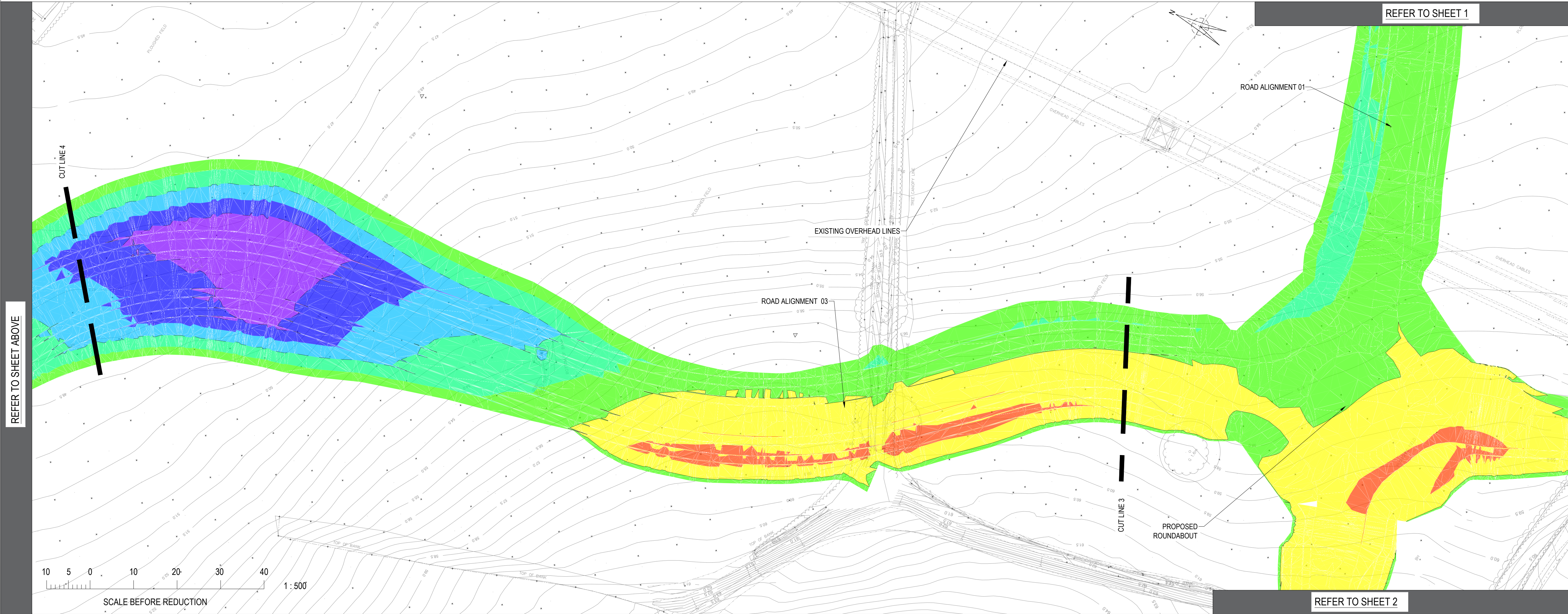
DESIGN NOTES
THE HIGHWAYS DESIGN PHILOSOPHY HAS BEEN PREPARED IN COMPLIANCE WITH
THE FOLLOWING DESIGN DOCUMENTS.
LINK ROAD DESIGN - KIRKLEES DESIGN GUIDANCE DOCUMENT DATED 2018 AND
ASSOCIATED DOCUMENTS BROUGHT IN BY REFERENCE.
ROUNDABOUT DESIGN - DESIGN MANUAL FOR ROADS AND BRIDGES (CD SERIES)

EARTHWORKS NOTES
1. THE PROPOSED LEVELS SHOWN ON THE CONTOURS PLANS ARE AT
PROPOSED FINISHED LEVELS.
2. 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.
3. 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.
4. THE DEPTH BANDING ON THE ISOPACHYTE DRAWING SERIES IS BETWEEN
PROPOSED FORMATION SURFACE AND SITE STRIP SURFACE. THE SITE STRIP
HAS BEEN ASSUMED AS 300mm BELOW EXISTING GROUND LEVEL. THE
FORMATION SURFACE HAS BEEN ASSUMED AS 450mm BELOW PROPOSED
FINISHED LEVEL FOR CARRIAGEWAY AND 200mm FOR
FOOTWAY/CYCLEWAY/VERGE AREAS.

LEVELS DESIGN
THE PROPOSED LEVELS AND DESIGN HAS BEEN BASED ON THE FOLLOWING:
- MINIMISING CHANGES TO EXISTING CARRIAGEWAY LEVELS (OVERLAY/INLAY)
- MINIMISING CHANGES TO EXISTING LONGFALLS
- UTILISING CROSSFALL WHICH FACILITATES DRAINAGE TO PROPOSED SWALES.
- GUIDANCE FROM THE KIRKLEES HIGHWAYS DESIGN GUIDE AND DMRB
DOCUMENTS.
- MAINTAINING LEVELS OR FACILITATING LEVELS AT CRITICAL POINTS
INCLUDING BUT NOT LIMITED TO THE EXISTING GAS MAIN AND POTENTIAL
FUTURE LINK TO NETWORK RAIL PROPOSED BRIDGE/ ROUNDABOUT. (BASED
OFF INFORMATION RECEIVED FROM NETWORK RAIL DRAWINGS REFERRED TO
INCLUDE NR13 PLANNING SERIES CALDER RIVER BRIDGE MWN2-202)

P03 PLANNING ISSUE 10.11.22 GM AH AH
P02 PHASING BOUNDARIES ADDED 11.10.21 KH AH AH
P01 PLANNING ISSUE 10.09.21 KH AH AH

Rev	Description	Date	Iss'd	Rev'd	App'd
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REFER TO SHEET 1

PLANNING

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Architect **BARTON WILLMORE**
Project **DEWSBURY RIVERSIDE**
Org Title **HIGHWAYS PHASE 1 & 2
EARTHWORKS - ISOPACH
SHEET 2**

Job No. **0048206** Scale@A1
1- 500

Drawn/Designed By: **KH** Checked By: **AH** Approved By: **AH**

Drawing No. **DR-BH-XX-XX-DR-C-00-2159** Revision **P03**