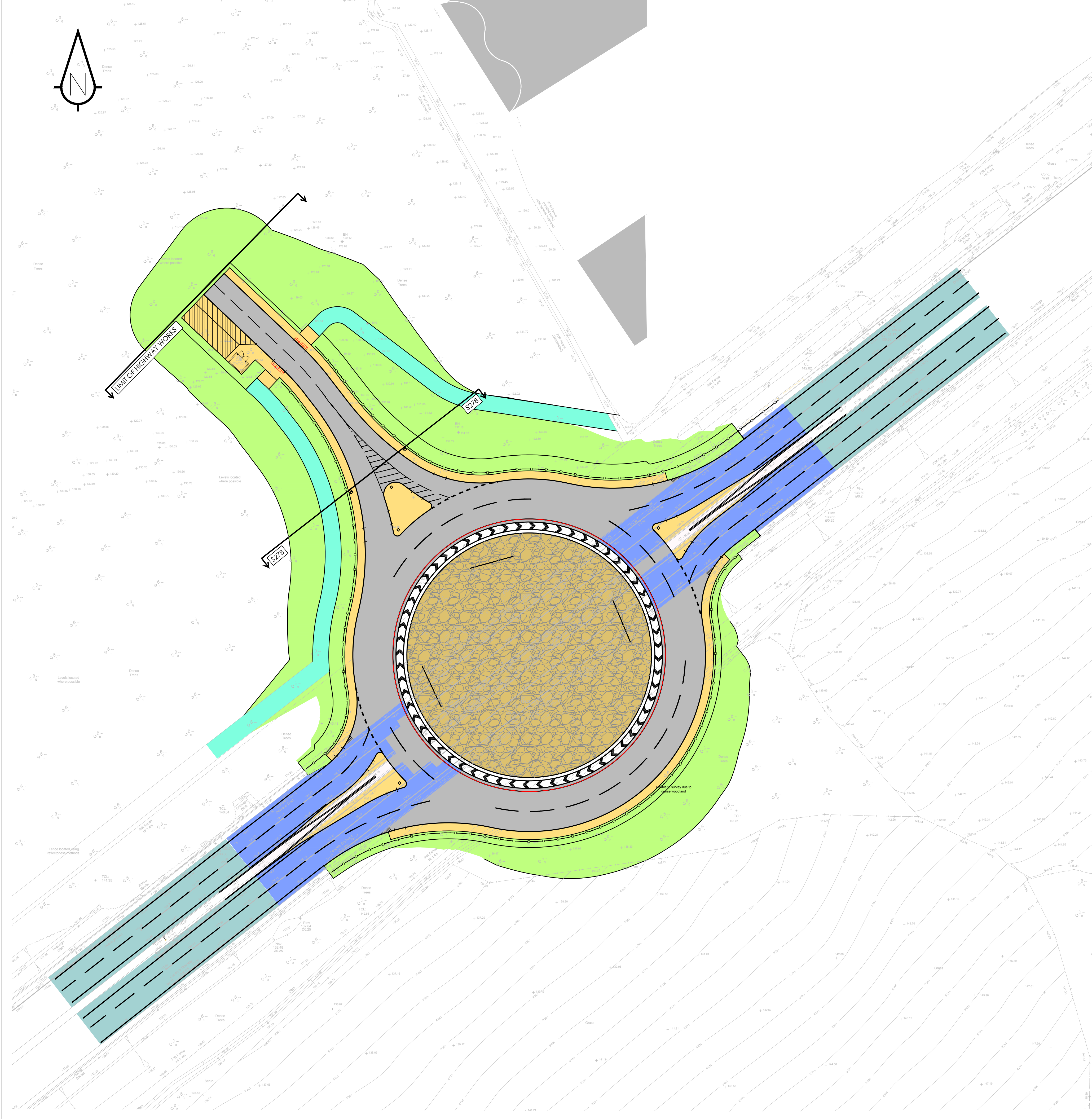




FULL DEPTH CARRIAGEWAY CONSTRUCTION -

50mm - SURFACE COURSE
14mm HOT ROLLED ASPHALT AND CHIPPINGS TO 68PSV

70mm - BINDER COURSE
0/20mm DBM 125 PEN BINDER COURSE H/STONE TO BS4987-1 CLAUSE 6.5.

200mm - BASE COURSE
0/32mm DBM 125 PEN BASE L/STONE TO BS 4987-1 CLAUSE 7.9.

470mm - SUB-BASE
TYPE 1 SUB-BASE TO COMPLY WITH SPECIFICATION FOR HIGHWAY WORKS CLAUSE 803.

BASETRAC GRID PET 40 (SANDWICHED BETWEEN CAPPING AND SUB-BASE)

300MM - CAPPING TYPE 2 6F2 TO COMPLY WITH SPECIFICATION FOR HIGHWAY WORKS CLAUSE 613

CARRIAGEWAY RESURFACING AND REGULATING -

MILLING OF 50mm EXISTING SURFACE COURSE AND REPLACE WITH;

50mm - SURFACE COURSE
14mm HOT ROLLED ASPHALT AND CHIPPINGS TO 68PSV

70mm - BINDER COURSE
20mm NOM SIZE DBM

DEPTH VARIES - BASE COURSE - REGULATION
0/32mm DBM 125 PEN BASE L/STONE TO BS 4987-1 CLAUSE 7.9.

CARRIAGEWAY RESURFACING AND REGULATING -

MILLING OF 50mm EXISTING SURFACE COURSE AND REPLACE WITH;

50mm - SURFACE COURSE
14mm HOT ROLLED ASPHALT AND CHIPPINGS TO 68PSV

FULL DEPTH CARRIAGEWAY CONSTRUCTION IN WIDTHS OF LESS THAN 1m -

50mm - SURFACE COURSE
14mm HOT ROLLED ASPHALT AND CHIPPINGS TO 68PSV

70mm - BINDER COURSE
0/20mm DBM 125 PEN BINDER COURSE H/STONE TO BS4987-1 CLAUSE 6.5.

200mm - BASE COURSE
0/32mm DBM 125 PEN BASE L/STONE TO BS 4987-1 CLAUSE 7.9.

450mm - ST4 CONCRETE

FULL DEPTH VEHICLE CROSS OVER CONSTRUCTION

25mm - SURFACE COURSE
0/6mm DBM 190 PEN SURFACE COURSE L/STONE TO BS4978-1 CLAUSE 7.5.

100mm - BINDER COURSE
0/20mm DBM 190 PEN BINDER COURSE L/STONE TO BS4987-1 CLAUSE 6.5.

150mm - SUB-BASE
TYPE 1 SUB-BASE TO COMPLY WITH SPECIFICATION FOR HIGHWAY WORKS CLAUSE 803.

FULL DEPTH FOOTWAY CONSTRUCTION

25mm - SURFACE COURSE
0/6mm DBM 190 PEN SURFACE COURSE L/STONE TO BS4978-1 CLAUSE 7.5.

100mm - BINDER COURSE
0/20mm DBM 190 PEN BINDER COURSE L/STONE TO BS4987-1 CLAUSE 6.5.

150mm - SUB-BASE
TYPE 1 SUB-BASE TO COMPLY WITH SPECIFICATION FOR HIGHWAY WORKS CLAUSE 803.

FOOTWAY RESURFACING AND REGULATING

MILLING OF 30mm EXISTING SURFACE COURSE AND REPLACE WITH;

25mm - SURFACE COURSE
0/6mm DBM 190 PEN SURFACE COURSE L/STONE TO BS4978-1 CLAUSE 7.5.

DEPTH VARIES - BINDER COURSE - REGULATION
0/20mm DBM 190 PEN BINDER COURSE L/STONE TO BS4987-1 CLAUSE 6.5.

PUBLIC RIGHT OF WAY

200mm TYPE 2
TYPE 2 SUB-BASE TO COMPLY WITH SPECIFICATION FOR HIGHWAY WORKS CLAUSE 804.

GRAVEL HARDSTANDING

50mm DECORATIVE PLUM SLATE GRAVEL OR SIMILAR AGREED GREEN-TECH GROUND COVER WEED CONTROL FABRIC OR SIMILAR APPROVED GENERAL FILL EXISTING BITUMINOUS MATERIAL TO BE PERFORATED AT 750mm CENTRES.

GRASS VERGE

200mm TOP SOIL AND SEED AS TO BE APPROVED BY MBIC GRASS SEED (RURAL) LOW MAINTENANCE. A SUITABLE MIX OF GRASS SEED SPECIES WILL TYPICALLY CONTAIN PERENNIAL RYEGRASS, CREEPING RED FESCUE AND HIGHLAND BROWNTOP BENT AND SPREAD AT 25-35 g/m²

TOPSOIL SHALL COMPLY WITH BS 3882. APPROVED TOPSOIL WILL BE GOOD QUALITY MEDIUM LOAM OF GOOD HEART, FREE FROM LARGE STONES (OVER 50mm) AND NOT MORE THAN SLIGHTLY STONY AND SLIGHTLY ACID TO NEUTRAL REACTION (BS CLASSIFICATION).

- Sanderson Associates (Consulting Engineers) Ltd ("the consultant"), has not checked or verified, and shall have no liability whatsoever for any inaccuracies which may be attributable to any data, reports, base plan(s) and drawings provided by the client, or purchased by the consultant on the client's behalf, that may have been utilised within this drawing.
- The consultant shall not be liable for the use by any person of any document for any purpose other than that for which the same were provided by the consultant.
- No liability whatsoever is accepted by the consultant for any error or omissions.
- The consultant accepts no liability for any vehicle specification errors within the vehicle track software used and / or it's vehicle libraries.
- The locations of utilities apparatus, if shown, is reproduced from plans supplied to the consultant, although care has been taken when duplicating this information. These locations are approximate only and no guarantee can be given for their accuracy. It is the client's or it's appointed agent/contractors responsibility to verify the exact locations on site by hand dug trial holes or other appropriate means prior to mechanical excavation.
- Service connections are not shown but their presence should be anticipated.
- Reference to any third party equipment shown on this drawing was only relevant at the time the drawing was prepared.
- It is the client's responsibility to ensure that any equipment ordered meets the design.

GENERAL NOTES

- THE TOPOGRAPHICAL SURVEY IS BASED ON INFORMATION PRODUCED FROM FIRST POINT SURVEYS DRAWING No. 5679-01.

DESIGN NOTES

- ALL DESIGN AND WORKS TO COMPLY WITH CURRENT VERSION OF THE FOLLOWING DOCUMENTS;
 - DESIGN MANUAL FOR ROADS AND BRIDGES (DMRB)
 - SPECIFICATION FOR HIGHWAY WORKS (SHW)
 - BARNSELEY COUNCIL DESIGN GUIDE AND SPECIFICATION.
- UNCONTROLLED PEDESTRIAN CROSSINGS CONSTRUCTION AND ARRANGEMENT TO BE IN ACCORDANCE WITH BARNSELEY COUNCIL. FOOTPATH GRADIENT AT TACTILE PAVING TO BE A MAXIMUM OF 1:12.
- EXISTING FENCES, VERGES/SHUBBERY, FOOTWAY, COBBLES, FOUNDATIONS, WALLS, STREET LIGHTING COLUMNS AND OTHER PHYSICAL FEATURES TO BE REMOVED WITHIN THE AREA OF WORKS.
- ALL FENCING SHALL BE TAKEN UP AND REMOVED FROM SITE AND SHALL BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS CLAUSE 201.6 AND SUITABLY DISPOSED.
- BOUNDARY FENCING SHALL BE PROVIDED SUBJECT TO AGREEMENT WITH BARNSELEY COUNCIL AND LANDSCAPING REQUIREMENTS.
- ALL IRONWORK WITHIN EXTENT OF WORKS TO BE LOWERED / RAISED AS REQUIRED.
- STATUTORY UNDERTAKERS NOTE: CONTRACTOR TO LOCATE ALL STATUTORY SERVICES ON SITE. STATUTORY UNDERTAKERS EQUIPMENT TO BE PROTECTED/LOWERED OR ARRANGE DIVERSION AS NECESSARY IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW ROADS AND STREET WORKS ACT 1991. EVIDENCE MUST BE PROVIDED TO THE LOCAL AUTHORITY THAT STATUTORY UNDERTAKERS INFORMATION IN THE LOCATION OF THE WORKS AND CONFIRM DETAILS OF ANY DIVERSIONARY WORKS REQUIRED.
- ALL PROPOSED ROAD MARKINGS TO BE IN ACCORDANCE WITH THE FOLLOWING:
 - TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS (TSRGD)
 - TRAFFIC SIGNS MANUALS CHAPTER 5 - ROAD MARKINGS.
- ANY OVERBREAK IN CARRIAGEWAY SHALL BE BACKFILLED WITH CONCRETE GRADE ST4 TO THE UNDERSIDE OF SURFACE COURSE. A MINIMUM 300mm WIDE STRIP OF EXISTING SURFACE COURSE MUST BE PLACED TO A DEPTH OF 50mm AND RELIED ALONG THE FACE OF THE NEW KERBS. THE EXPOSED SURFACES MUST BE TREATED WITH A BITUMEN TACK COAT BEFORE THE NEW SURFACE IS LAID.

K	AS BUILT	TOD	04/04/22	PJM
J	PUBLIC RIGHT OF WAY SPECIFICATION ADDED	DAH	01/11/21	PJM
I	WEED MEMBRANE SPECIFICATION UPDATED.	DAH	14/10/21	PJM
H	SPECIFICATION AND DEPTH OF AGGREGATE UPDATED	DAH	08/10/21	PJM
G	DRAWING NUMBER AMENDED	CP	22/09/21	KS
F	PAVEMENT CONSTRUCTION UPDATED	PJM	20/07/21	PJM
E	PAVEMENT CONSTRUCTION UPDATED	LOB	06/07/21	PJM
D	PAVEMENT MATCH AREAS UPDATED	LOB	14/06/21	PJM
C	LAYOUT UPDATED	LOB	10/06/21	PJM
B	VEHICLE CROSSOVER CONSTRUCTION ADDED	LOB	03/03/21	PJM
A	LAYOUT UPDATED	LOB	24/02/21	PJM
Rev	Amendment	Drawn	Date	Checked

AS BUILT
DRAWING



Client	HARWORTH GROUP			
Project Title	Rockingham Phase 2A & 2B Hoyland			
Drawing Title	EXTENT OF PROPOSED CONSTRUCTION FOR SECTION 278 WORKS			
Scale	1:500	Drawn By	LOB	
Drawing Size	A1	Checked By	PJM	
Date	November 2020	Approved By	KS	
Drawing Number		Rev		
11700/S278/009		K		