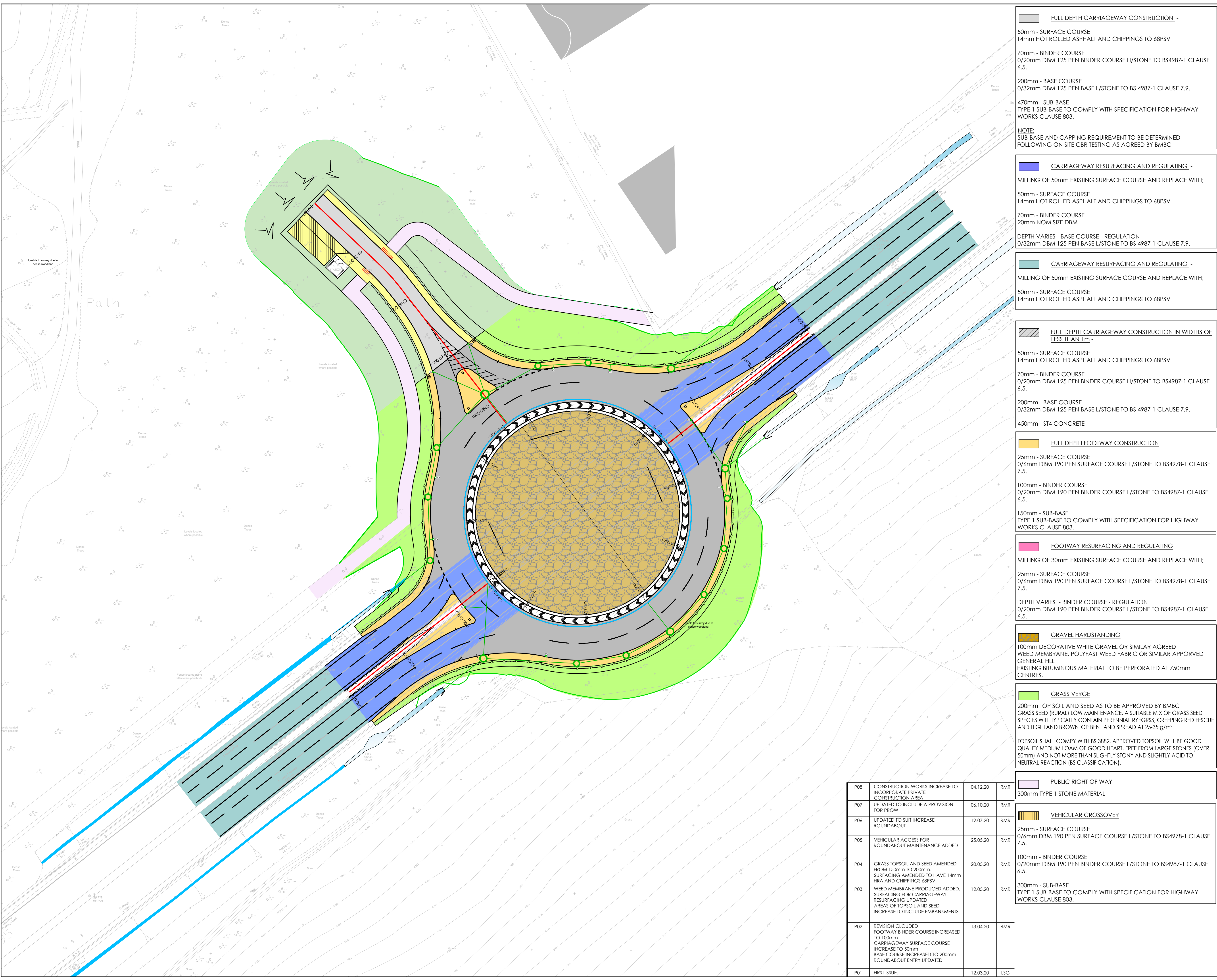




FULL DEPTH CARRIAGEWAY CONSTRUCTION -

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.

NOTE:
SUB-BASE AND CAPPING REQUIREMENT TO BE DETERMINED FOLLOWING ON SITE CBR TESTING AS AGREED BY BMBC

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 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.

GRAVEL HARDSTANDING

100mm DECORATIVE WHITE GRAVEL OR SIMILAR AGREED WEED MEMBRANE, POLYFAST WEED FABRIC OR SIMILAR APPORVED GENERAL FILL
EXISTING BITUMINOUS MATERIAL TO BE PERFORATED AT 750mm CENTRES.

GRASS VERGE

200mm TOP SOIL AND SEED AS TO BE APPROVED BY BMBC
GRASS SEED (RURAL) LOW MAINTENANCE. A SUITABLE MIX OF GRASS SEED SPECIES WILL TYPICALLY CONTAIN PERENNIAL RYEGRSS, 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).

PUBLIC RIGHT OF WAY
300mm TYPE 1 STONE MATERIAL

VEHICULAR CROSSOVER

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.

300mm - SUB-BASE
TYPE 1 SUB-BASE TO COMPLY WITH SPECIFICATION FOR HIGHWAY WORKS CLAUSE 803.

P08	CONSTRUCTION WORKS INCREASE TO INCORPORATE PRIVATE CONSTRUCTION AREA	04.12.20	RMR
P07	UPDATED TO INCLUDE A PROVISION FOR PROW	06.10.20	RMR
P06	UPDATED TO SUIT INCREASE ROUNDABOUT	12.07.20	RMR
P05	VEHICULAR ACCESS FOR ROUNDABOUT MAINTENANCE ADDED	25.05.20	RMR
P04	GRASS TOPSOIL AND SEED AMENDED FROM 150mm TO 200mm. SURFACING AMENDED TO HAVE 14mm HRA AND CHIPPINGS 68PSV	20.05.20	RMR
P03	WEED MEMBRANE PRODUCED ADDED. SURFACING FOR CARRIAGEWAY RESURFACING UPDATED. AREAS OF TOPSOIL AND SEED INCREASE TO INCLUDE EMBANKMENTS	12.05.20	RMR
P02	REVISION CLOUDED FOOTWAY BINDER COURSE INCREASED TO 100mm CARRIAGEWAY SURFACE COURSE INCREASE TO 50mm BASE COURSE INCREASED TO 200mm ROUNDABOUT ENTRY UPDATED	13.04.20	RMR
P01	FIRST ISSUE.	12.03.20	LSG

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DO NOT SCALE

NOTES

GENERAL NOTES

- THE TOPOGRAPHICAL SURVEY IS BASED ON INFORMATION PRODUCED FROM FIRST POINT SURVEYS DRAWING No. 5679-01. THE INFORMATION USED IN PREPARATION OF THIS AND ALL OTHER JPG 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 JPG.

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)
 - BARNSELY COUNCIL DESIGN GUIDE AND SPECIFICATION.
- UNCONTROLLED PEDESTRIAN CROSSINGS CONSTRUCTION AND ARRANGEMENT TO BE IN ACCORDANCE WITH BARNSELY 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 BARNSELY 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 RELAID ALONG THE FACE OF THE NEW KERBS. THE EXPOSED SURFACES MUST BE TREATED WITH A BITUMEN TACK COAT BEFORE THE NEW SURFACE IS LAID.
- KERB RADIUS WHERE LESS THAN 12m SHALL BE TRUE RADIUS KERBS
- FOR LONGSECTION DETAILS AND LEVELS PLEASE REFER TO JPG DRAWING 4652-2-JPG-SW-00-DR-D-1605
- FOR HIGHWAY STANDARD DETAILS PLEASE REFER TO JPG DRAWING 4652-2-JPG-SW-00-DR-D-1608
- FOR TYPICAL SECTION DETAILS PLEASE REFER TO JPG DRAWING 4652-2-JPG-SW-00-DR-D-1609

KEY

- SITE BOUNDARY
- EXTENT OF EARTHWORKS BATTER TO EXISTING LEVELS
- EXISTING WATERCOURSE/ LAND DRAIN

REV	DESCRIPTION	DATE	BY
Project ROCKINGHAM PHASE 2 & 3. HOYLAND			
Drawing Title SECTION 278 CONSTRUCTION ARRANGEMENT			
TENDER ISSUE			
Architect THE HARRIS PARTNERSHIP			
 www.jpg.group Leeds London Birmingham 0113 263 1155			
JPG Project Ref 4652-2	Scale at A1 1:500	Date 12.03.20	Checked GB Drawn LSG
4652-2 - JPG - SW - 00 - DR - D - 1606		S4	P08