

HIGH ROYD ROUNDABOUT

(M1)

Sheffield A6195

Scheme Ref: 11700 - ROCKINGHAM

Sign Ref: AD52

Letter colour: WHITE / YELLOW

Background: DARK GREEN

Border: WHITE

Material: Class R3B-UK

x-height: 150.0

Sign Face

Width: 2600 mm

Height: 2780 mm

Area: 9.85 m²

Scheme Ref: 11700 - ROCKINGHAM	Sign Ref: AD52	x-height: 150.0
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Material: Class R3B-UK	Area: 9.85 m²	

High Royd Roundabout

Doncaster A6195

POST(S) & FOUNDATIONS

Scheme Reference: 11700

Proposal Name: AD52

Proposal Reference: 11700

Author: LOB

Description: AD52

ILLUMINATION

No

Mounting Height: 2300mm

Wind Class: BSEN1991

Wind Load: 762 Nm²

Environ. Name: England within 5 km

Validated: Yes

Number: 2

Post Shape: Circle

Post Manufacturer: Jent

Post Model: 357No Door

Post Type: Carbon fibre reinforced polymer/teal

Further post info

Post Size: 219.0mm diam x 11.0mm thickness.

Centres: 1510.0

Length: Total = 7133.7mm, above ground = 6034mm

No. of Foundations: 1

Foundation Volume: 3.59m³

Foundation Width: 2000.0mm

Foundation Length: 1900.0mm

Foundation Depth: 1050.0mm

Earth Cover: 150.0mm

Foundation Material: Reinforcement Not Required

High Royd Roundabout

Doncaster A6195

POST(S) & FOUNDATIONS

Scheme Reference: 11700

Proposal Name: AD52 OPT2

Proposal Reference: 11700

Author: LOB

Description: AD52 OPT2

ILLUMINATION

No

Mounting Height: 2300mm

Wind Class: BSEN1991

Wind Load: 738 Nm²

Environ. Name: England within 5 km

Validated: Yes

Number: 2

Post Shape: Circle

Post Manufacturer: Jent

Post Model: 357No Door

Post Type: Carbon fibre reinforced polymer/teal

Further post info

Post Size: 215.0mm diam x 11.0mm thickness.

Centres: 1510.0

Length: Total = 6085.0mm, above ground = 5385mm

No. of Foundations: 1

Foundation Volume: 2.33m³

Foundation Width: 2000.0mm

Foundation Length: 1900.0mm

Foundation Depth: 650.0mm

Earth Cover: 150.0mm

Foundation Material: Reinforcement Yes, by EC2

(M1)

Sheffield A6195

POST(S) & FOUNDATIONS

Scheme Reference: 11700

Proposal Name: DP01

Proposal Reference: 11700

Author: LOB

Description: DP01

ILLUMINATION

No

Mounting Height: 1500mm

Wind Class: BSEN1991

Wind Load: 589 Nm²

Environ. Name: England within 5 km

Validated: Yes

Number: 2

Post Shape: Circle

Post Manufacturer: ASD Metal Services

Post Model: A1 600 Tilt/round Post

Post Type: Aluminium/6062-T6

Further post info

Post Size: 60.0mm diam x 3.0mm thickness.

Centres: 702

Length: Total = 2381.3mm, above ground = 1731mm

No. of Foundations: 2

Foundation Volume: 0.054m³ each, Total = 0.11m³

Foundation Width: 300.0mm

Foundation Length: 300.0mm

Foundation Depth: 600.0mm

Earth Cover: 150.0mm

Foundation Material: Reinforcement Yes, by EC2

Doncaster A6195

Old Moor

POST(S) & FOUNDATIONS

Scheme Reference: 11700

Proposal Name: 11700 DP01 AND OLD MOOR FLAG

Proposal Reference: 11700

Author: LOB

Description: DP01 AND OLD MOOR FLAG

ILLUMINATION

No

Mounting Height: 1500mm

Wind Class: BSEN1991

Wind Load: 588 Nm²

Environ. Name: England within 5 km

Validated: Yes

Number: 2

Post Shape: Circle

Post Manufacturer: ASD Metal Services

Post Model: Steel Round post/Round Post

Post Type: Steel/3235-3235/DH/A330

Further post info

Post Size: 60.0mm diam x 3.0mm thickness.

Centres: 681.5

Length: Total = 3218.7mm, above ground = 2469mm

No. of Foundations: 2

Foundation Volume: 0.049m³ each, Total = 0.1m³

Foundation Width: 300.0mm diameter

Foundation Length: Circular

Foundation Depth: 700.0mm

Earth Cover: 150.0mm

Foundation Material: Reinforcement Not Required

Doncaster A6195

Old Moor

POST(S) & FOUNDATIONS

Scheme Reference: 11700

Proposal Name: 11700 DP01 AND OLD MOOR FLAG

Proposal Reference: 11700

Author: LOB

Description: DP01 AND OLD MOOR FLAG

ILLUMINATION

No

Mounting Height: 1500mm

Wind Class: BSEN1991

Wind Load: 588 Nm²

Environ. Name: England within 5 km

Validated: Yes

Number: 2

Post Shape: Circle

Post Manufacturer: ASD Metal Services

Post Model: Steel Round post/Round Post

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Foundation Width: 300.0mm diameter

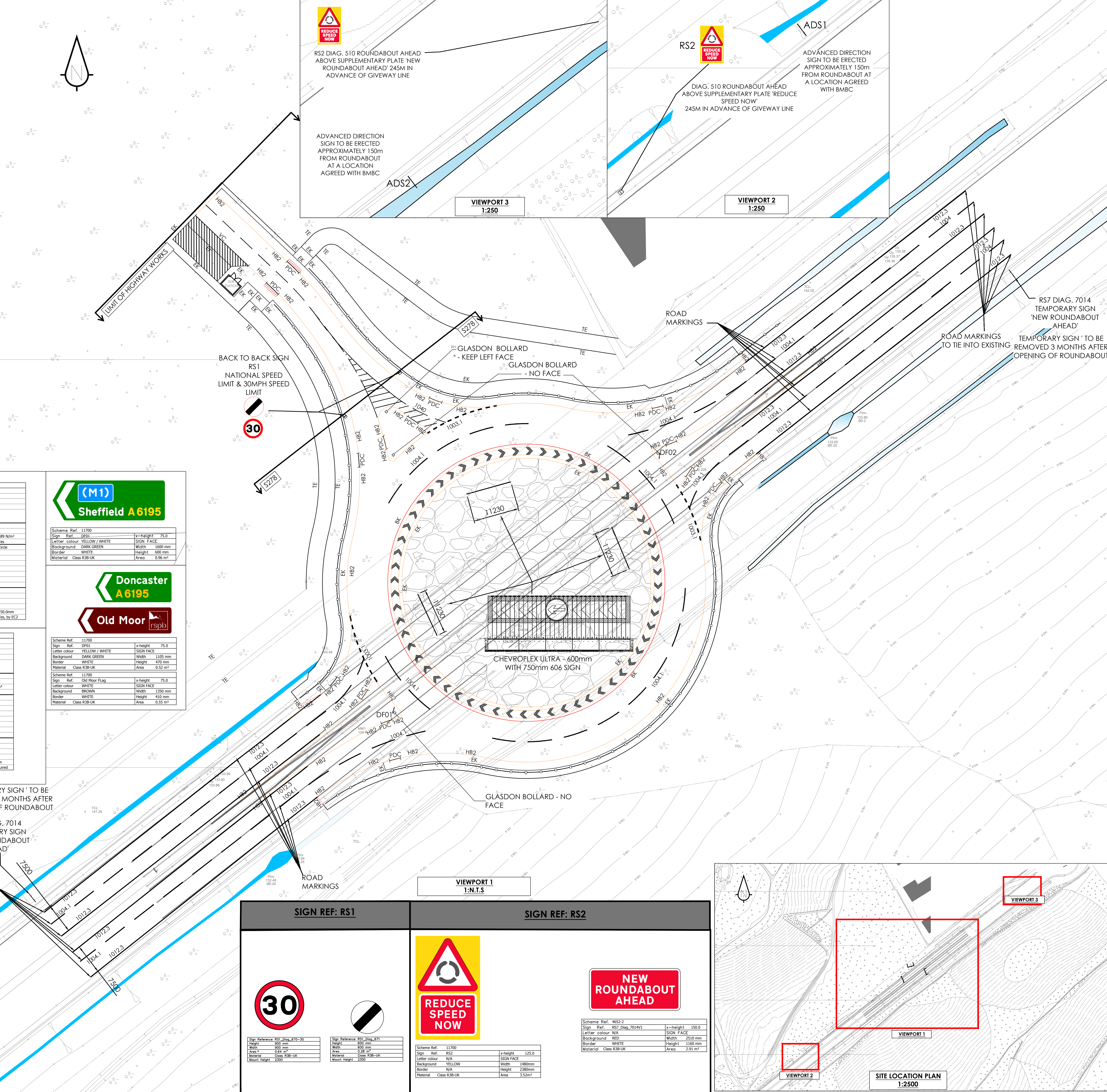
Foundation Length: Circular

Foundation Depth: 700.0mm

Earth Cover: 150.0mm

Foundation Material: Reinforcement Not Required

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GENERAL NOTES

0. 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 DESIGNS AND DRAWINGS IS NOT WARRANTED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL SURVEY INFORMATION PROVIDED AND REPORT ANY ANOMALIES.

DESIGN NOTES

1. 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)
- BARNESLEY COUNCIL DESIGN GUIDE AND SPECIFICATION.

2. UNCONTROLLED PEDESTRIAN CROSSINGS CONSTRUCTION AND ARRANGEMENT TO BE IN ACCORDANCE WITH BARNESLEY COUNCIL FOOTPATH GRADIENT AT TACTILE PAVING TO BE A MAXIMUM OF 1:12.

3. EXISTING FENCES, VERGES/HUBBERY, FOOTWAY, COBBLES, FOUNDATIONS, WALLS, STREET LIGHTING COLUMNS AND OTHER PHYSICAL FEATURES TO BE REMOVED WITHIN THE AREA OF WORKS.

4. 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.

5. BOUNDARY FENCING SHALL BE PROVIDED SUBJECT TO AGREEMENT WITH BARNESLEY COUNCIL AND LANDSCAPING REQUIREMENTS.

6. ALL IRONWORK WITHIN EXTENT OF WORKS TO BE LOWERED / RAISED AS REQUIRED.

7. STATUTORY UNDERTAKERS NOTE: CONTRACTOR TO LOCATE ALL STATUTORY SERVICES ON SITE. STATUTORY UNDERTAKERS EQUIPMENT TO BE PROTECTED/COVERED OR ARRANGE DIVERSION AS NECESSARY IN ACCORDANCE WITH THE REQUIREMENTS OF THE ROADWORKS 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.

8. ALL PROPOSED ROAD MARKINGS TO BE IN ACCORDANCE WITH THE FOLLOWING:

- TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS (TSRGD) 2016
- TRAFFIC SIGNS MANUALS CHAPTER 5 - ROAD MARKINGS.

9. ANY OVERBREAK IN CARRIAGEWAY SHALL BE BACKFILLED WITH CONCRETE GRADE 14 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 JACK COAT BEFORE THE NEW SURFACE IS LAID.

10. KERB RADIUS WHERE LESS THAN 12m SHALL BE TRUE RADIUS KERBS

11. ALL ROAD MARKING TO BE THERMOPLASTIC CREED

12. ALL ROAD MARKINGS TO HAVE INTERNAL AND HOT SURFACE GLASS BEADS

13. TRAFFIC MANAGEMENT TO COMPLY WITH SAFETY AT ROADWORKS AND STREETWORKS - AND CODE OF PRACTICE OCTOBER 2013 (SECOND IMPRESSION).

KEY

EXTENT OF EARTHWORKS BATTER TO EXISTING LEVELS

EXISTING WATERCOURSE/ LAND DRAIN

NOTE: STREET LIGHTING DESIGNED BY BMBC

ROAD MARKING NOTES

1. ROAD MARKING COLOURS AS INDICATED BELOW. MATERIALS AND SKIDDING RESISTANCE TO BE IN ACCORDANCE WITH BMBC.

KEY

ROAD MARKINGS

1003.1 ROUNDABOUT GIVE WAY

1000mm MARK, 1000mm GAP, 300mm WIDE: WHITE

1004.1 ROAD CENTERLINE

6000mm MARK, 300mm GAP, 150mm WIDE: WHITE

1012.3 EDGE OF CARRIAGEWAY MARKING

CONTINUOUS MARK, 150mm WIDE: WHITE

1040 ROAD CENTER HATCHING

4000mm MARK, 300mm GAP, 150mm WIDE: WHITE, HATCHING AT 45 DEGREE, 300mm SPACING

KERBS

HB2 125x255 HALF BATTER PCC KERB 125mm UPSTAND

PDC PEDESTRIAN DROPPED CROSSING INCORPORATING 2 x DROPPED KERBS (DK) WITH HALF BATTER (HB2) TRANSITION TO DROP KERB EITHER SIDE, 100mm UPSTAND

DK 125x175 CHAMFERED PCC KERB 25mm UPSTAND

EK 30x150 FLAT TOP EDGING KERB

SPK 125x255mm 45° PLAYED KERB (100mm UPSTAND) INCLUDING APPROPRIATE TRANSITIONS

BK BEANY BLOCK KERB

DBK DROPPED BEANY BLOCK KERB

CSK FLUSH CHANNEL BLOCK 150x150

VC VEHICULAR DROPPED CROSSING INCORPORATING DROPPED KERBS (DK) WITH HALF BATTER (HB2) TRANSITION TO DROP KERB EITHER SIDE, 25mm UPSTAND.

TE TREATED TIMBER EDGING TO PERIMETER OF PUBLIC RIGHT OF WAY TO BARNESLEY MBC SPECIFICATION

Rev

Amendment

Drawn

Date

Checked

AS BUILT DRAWING

HOWARD CIVIL ENGINEERING

Client

HARWORTH GROUP

Project Title

Rockingham Phase 2A & 2B, Hoyland

Drawing Title

S278 Kerbing, Signing and Lining

Drawn By

PJM

Checked By

KS

Approved By

KS

Scale

As Shown

Date

Nov 20

Drawing Size

A0

Drawing Number

11700-S278-006

Rev

J

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