

NOTES

GENERAL

1. THIS DRAWING IS THE GENERAL ARRANGEMENT DRAWING KEY AND NOTES FOR DRAWINGS HA514451-CHHJ-HGN-S1_ML000000_Z-DR-CH-1001 TO 1091
2. THE SCHEME DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION APPENDICES AND THE WORKS INFORMATION

DESIGN

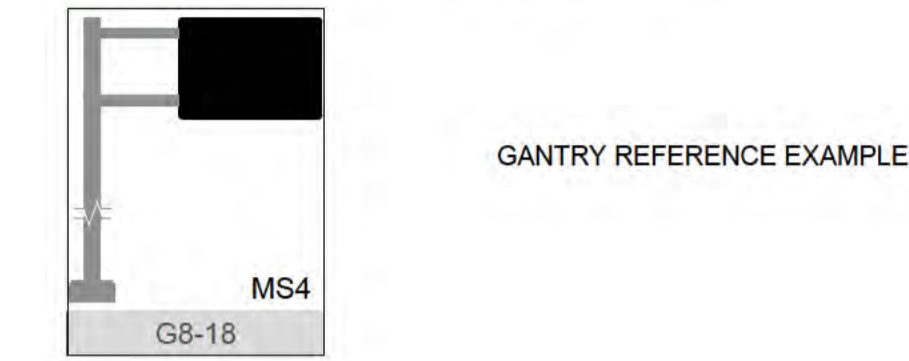
3. THESE DRAWINGS MUST BE READ WITH REFERENCE TO EXISTING STATUTORY UNDERTAKERS PLANT DRAWINGS. DETAILS OF EXISTING STATUTORY UNDERTAKERS PLANT AND EQUIPMENT HAS BEEN COMPILED ON DRG NOS HA514451-CHHJ-VUT-SZ_ZZZZZZZZ_Z-DR-CU-6550 TO 6567 (MAINLINE) AND HA514451-CHHJ-VUT-S2_LR000041_Z-DR-CU-0001, HA514451-CHHJ-VUT-S2_LR000047_Z-DR-CU-0001 & 0002, HA514451-CHHJ-VUT-S2_LR000050_Z-DR-CU-0001.
4. FOR ALL OTHER SCHEME INFORMATION INCLUDING SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION, REFER TO DISCIPLINE DRAWINGS LISTED IN NOTE 5.
5. THE DETAILS SHOWN ON THIS SET OF DRAWINGS ARE PROVIDED FOR AN OVERVIEW OF THE SCHEME REFERENCE SHALL BE MADE TO THE RELEVANT DESIGN ELEMENT DRAWINGS AND SPECIFICATION APPENDICES FOR PRECISE DETAILS:
 - SITE CLEARANCE (HA514451-CHHJ-HSC SERIES)
 - FENCING (HA514451-CHHJ-HFE SERIES)
 - ROAD RESTRAINT (HA514451-CHHJ-HRR SERIES)
 - DRAINAGE (HA514451-CHHJ-HDG SERIES)
 - EARTHWORKS (HA514451-CHHJ-HGT SERIES)
 - PAVEMENT (HA514451-CHHJ-HPV SERIES)
 - KERBING, FOOTWAYS AND PAVED AREAS (HA514451-CHHJ-HKF SERIES)
 - SIGNAGE (HA514451-CHHJ-HSN SERIES)
 - ROAD MARKINGS (HA514451-CHHJ-HMK SERIES)
 - ROAD LIGHTING (HA514451-CHHJ-HLG SERIES)
 - COMMUNICATIONS (HA514451-CHHJ-HMC SERIES)
 - BRIDGE STRUCTURES (HA514451-CHHJ-SBR SERIES)
 - ENVIRONMENTAL BARRIER (HA514451-CHHJ-HFE SERIES)
 - LANDSCAPING (HA514451-CHHJ-ELS SERIES)
 - SIDE ROAD (HA514451-CHHJ-HSR SERIES)
6. VERGE WIDENING SOLUTIONS ARE SHOWN ON THIS SET OF DRAWINGS. THESE REFER TO DETAILS ON DRAWINGS HA514451-CHHJ-HGN-S1-ZZZZZZZZ_Z-DR-CH-0011 TO 0025.
7. ERA SOLUTIONS ARE SHOWN ON THIS SET OF DRAWINGS. THESE REFER TO DETAILS ON DRAWINGS HA514451-CHHJ-HGN-S1-ML000000_Z-DE-CH-0001 TO 0005.
8. TYPICAL DETAILS FOR COMMS INFRASTRUCTURE ARE SHOWN ON DRAWINGS HA514451-CHHJ-HGN-SZ_ZZZZZZZZ_Z-DR-CX-10001 TO 10015.

HIGHWAY GENERAL ARRANGEMENT DRAWINGS

KEY:

GENERAL STRUCTURES

- SIGN GANTRY
- MS3 / MS4
- LANE SIGNALS
- GANTRY TO BE RETAINED
- EXISTING FOUNDATION TO BE REUSED
- GANTRY TO BE REMOVED
- NEW GANTRY



- DCO BOUNDARY
- OVERHEAD ELECTRICITY CABLES

ROAD RESTRAINT SYSTEM (SERIES 400)

- RIGID CONCRETE BARRIER
- VRS
- TERMINAL
- TRANSITION

DRAINAGE (SERIES 500)

- CKD — CKD — COMBINED KERB DRAINAGE
- FDR — FDR — FILTER DRAIN
- SWC — SWC — SURFACE WATER CHANNEL
- CCF — CCF — COMBINED CARRIER & FILTER DRAIN
- SD — SD — SLOT DRAIN
- BDU — BDU — BRIDGE DESK UNITS
- DIT — DIT — DITCH
- DIT — DIT — DITCH ATTENUATION
- CDR — CDR — CROSS CARRIAGEWAY CARRIER DRAIN

- HEADWALL
- PIER ENCAPSULATION

EARTHWORKS (SERIES 600)

- WIDENING AT GANTRY
- WIDENING AT GANTRY WITH RETAINING FEATURE
- RETAINING FEATURE
- VERGE OPTION SOLUTION (OTHER VERGE OPTIONS WILL BE DIFFERENT COLOURS) REFER NOTE 6
- CUTTING
- EMBANKMENT

ROAD PAVEMENT GENERAL (SERIES 700)

- EMERGENCY REFUGE AREAS (ERA)
E9-A2
- POLICE OBSERVATION POINTS
POP

TRAFFIC SIGNS (SERIES 1200)

- 54/3 MARKER POST
- PROPOSED VERGE SIGN
- REMOTELY OPERATED TEMPORARY TRAFFIC MANAGEMENT (ROTTM)

ROAD LIGHTING COLUMNS AND BRACKETS (SERIES 1300)

- HIGHWAYS ENGLAND (HE) COLUMNS TO REMAIN

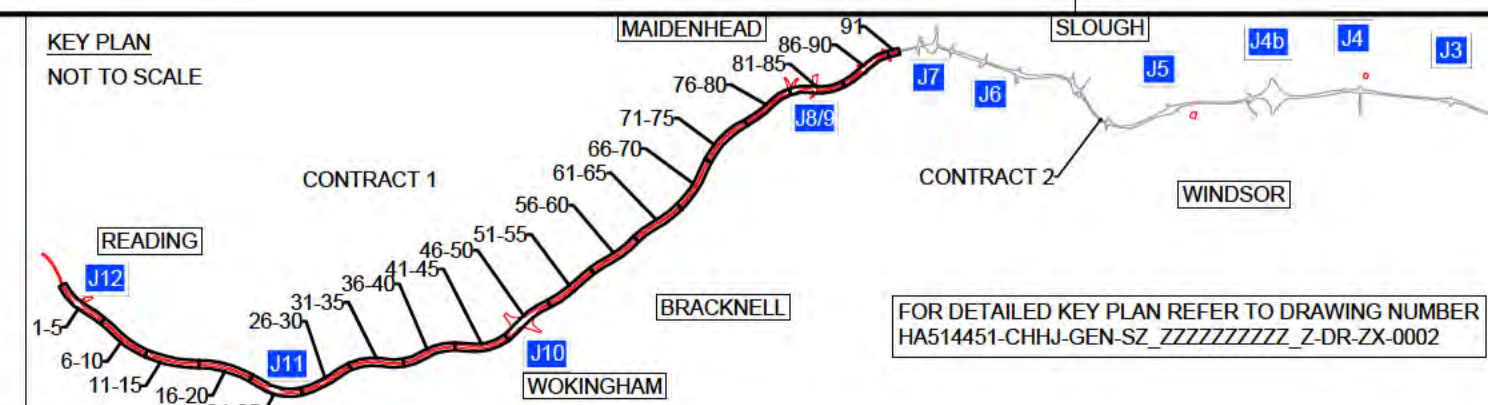
MOTORWAY COMMUNICATIONS (SERIES 1400 - 1500)

- A-CHAMBER
- CABINETS
- RAMP METERING
- MOTORWAY COMMUNICATIONS
- EXISTING CROSS CARRIAGEWAY DUCTS (ITS/LIGHTING)
- PROPOSED CROSS CARRIAGEWAY DUCTS (ITS/LIGHTING)

ACOUSTIC BARRIER (SERIES 2500)

- EXISTING ENVIRONMENTAL BARRIER TO RETAINED
- EXISTING ENVIRONMENTAL BARRIER REPLACED
- EXISTING ENVIRONMENTAL BARRIER UPGRADED
- PROPOSED ENVIRONMENTAL BARRIER

CONSTRUCTION



Client

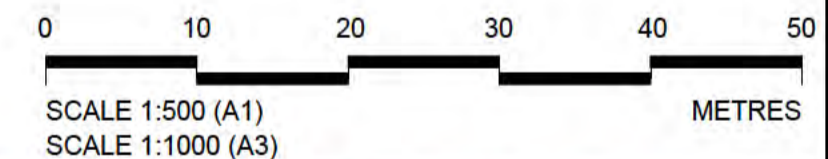
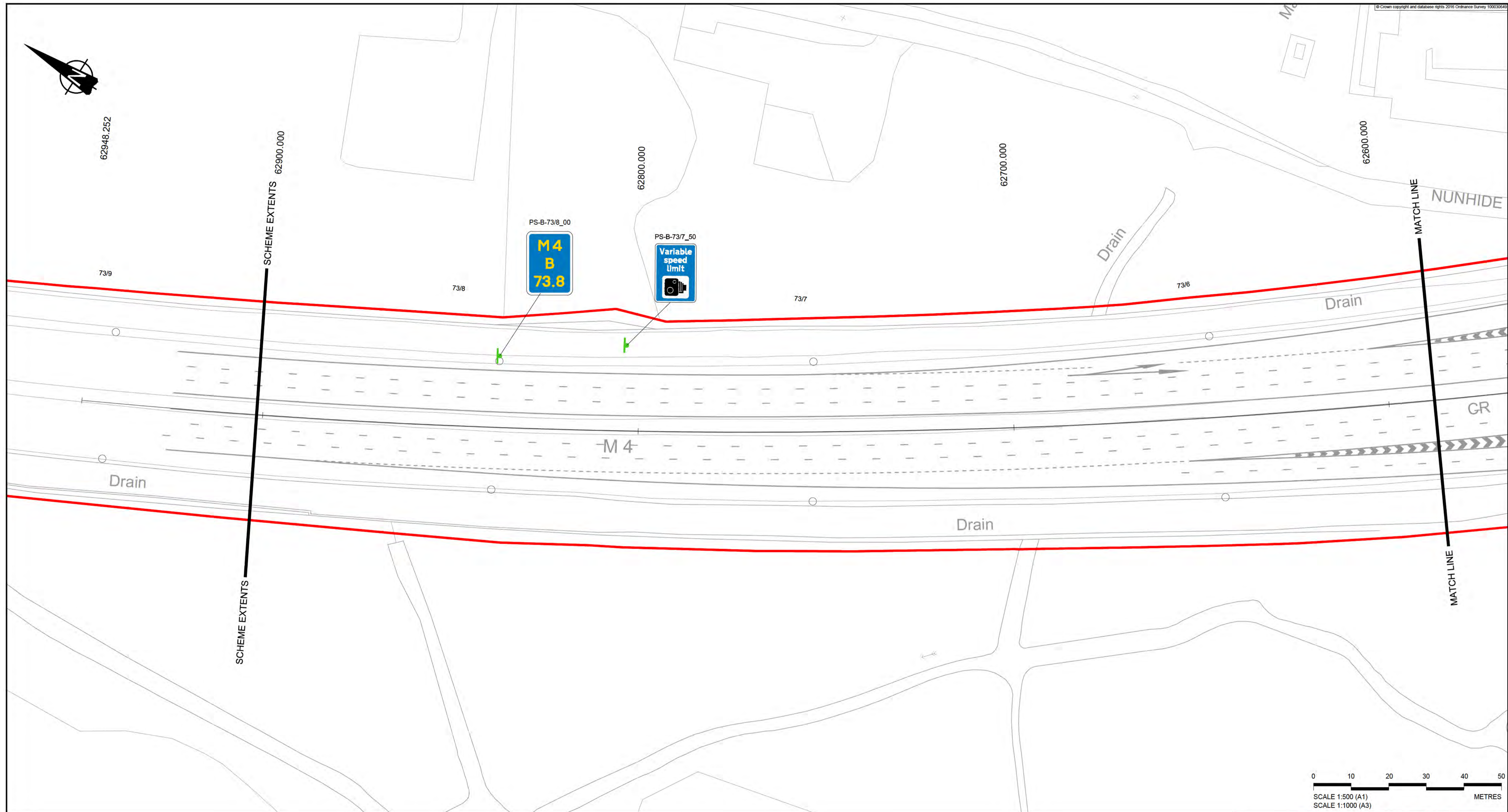
DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
NOTES FOR GENERAL ARRANGEMENT DRAWINGS
SHEET 0 OF 91
CONTRACT 1

| | | | |
|-------------------|------------------------------|---------------|---------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN 664385 |
| Originator | CHHJ | Original Size | A1 |
| Volume Location | HGN-S1_ML000000_Z-DR-CH-1000 | | |

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|-----|--------|------------|------------------------|-------|-------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |

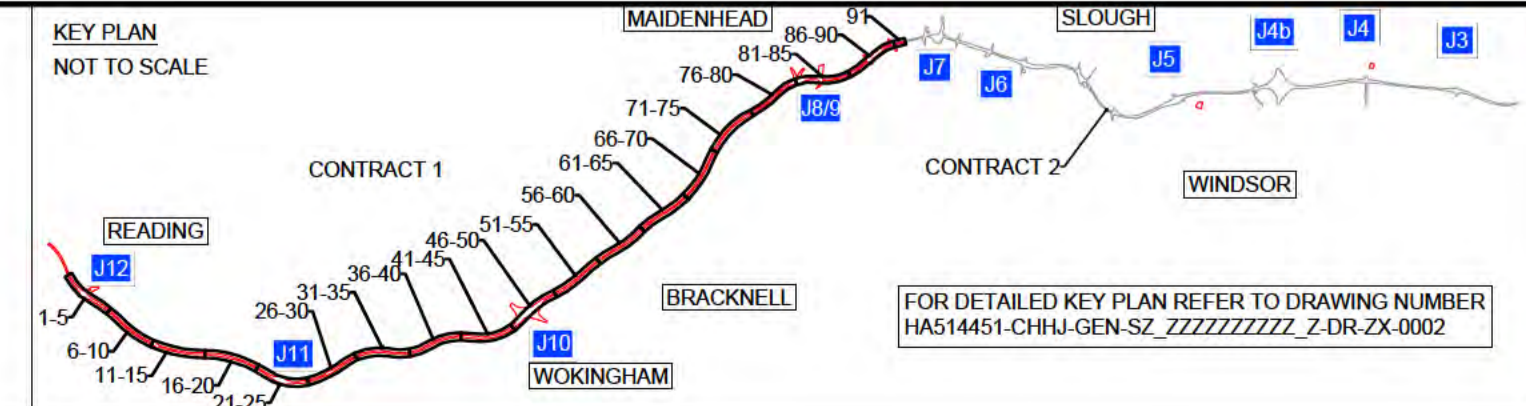


NOTES
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 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
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| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



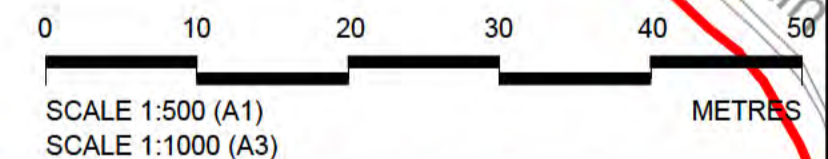
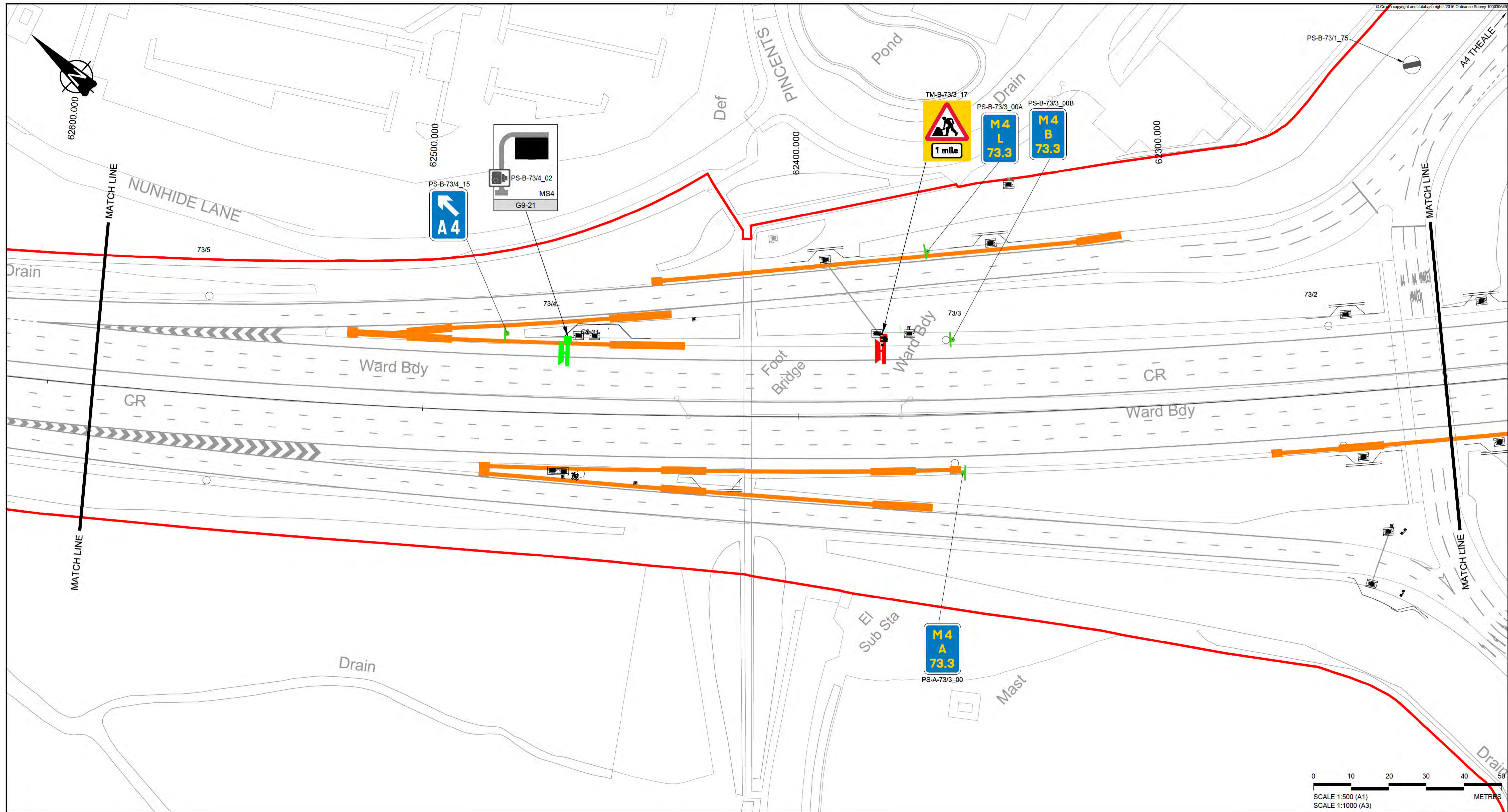
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 1 OF 91
CONTRACT 1
CH 62900 TO 62590

| | | | |
|----------------|------------------------------|----------------------|-------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | | Checked By | |
| Approved By | | Project No. | HA PIN Originator |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1001 | Volume Location | CHHJ |
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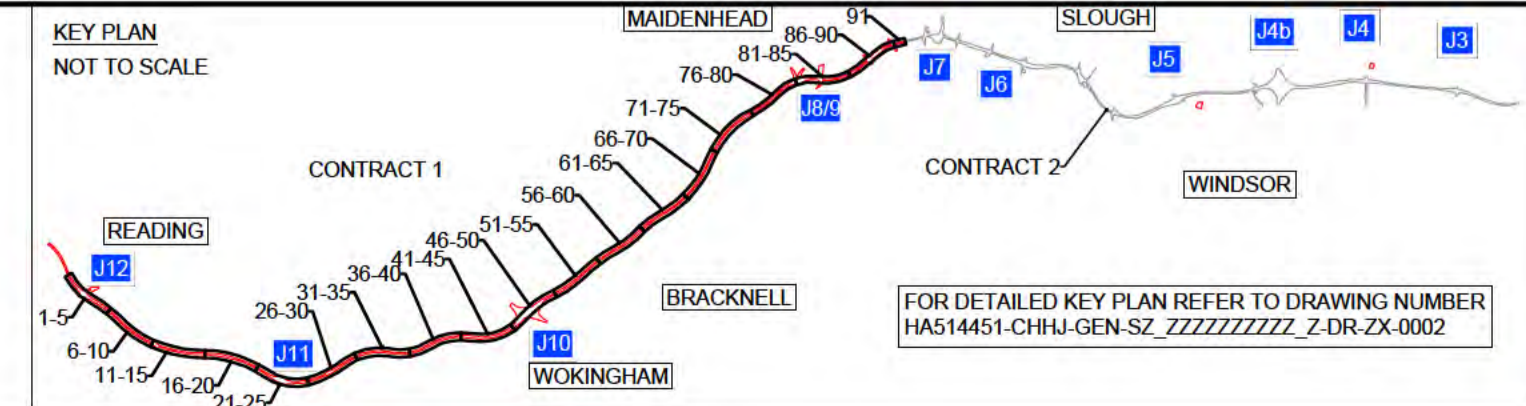


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| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
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| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



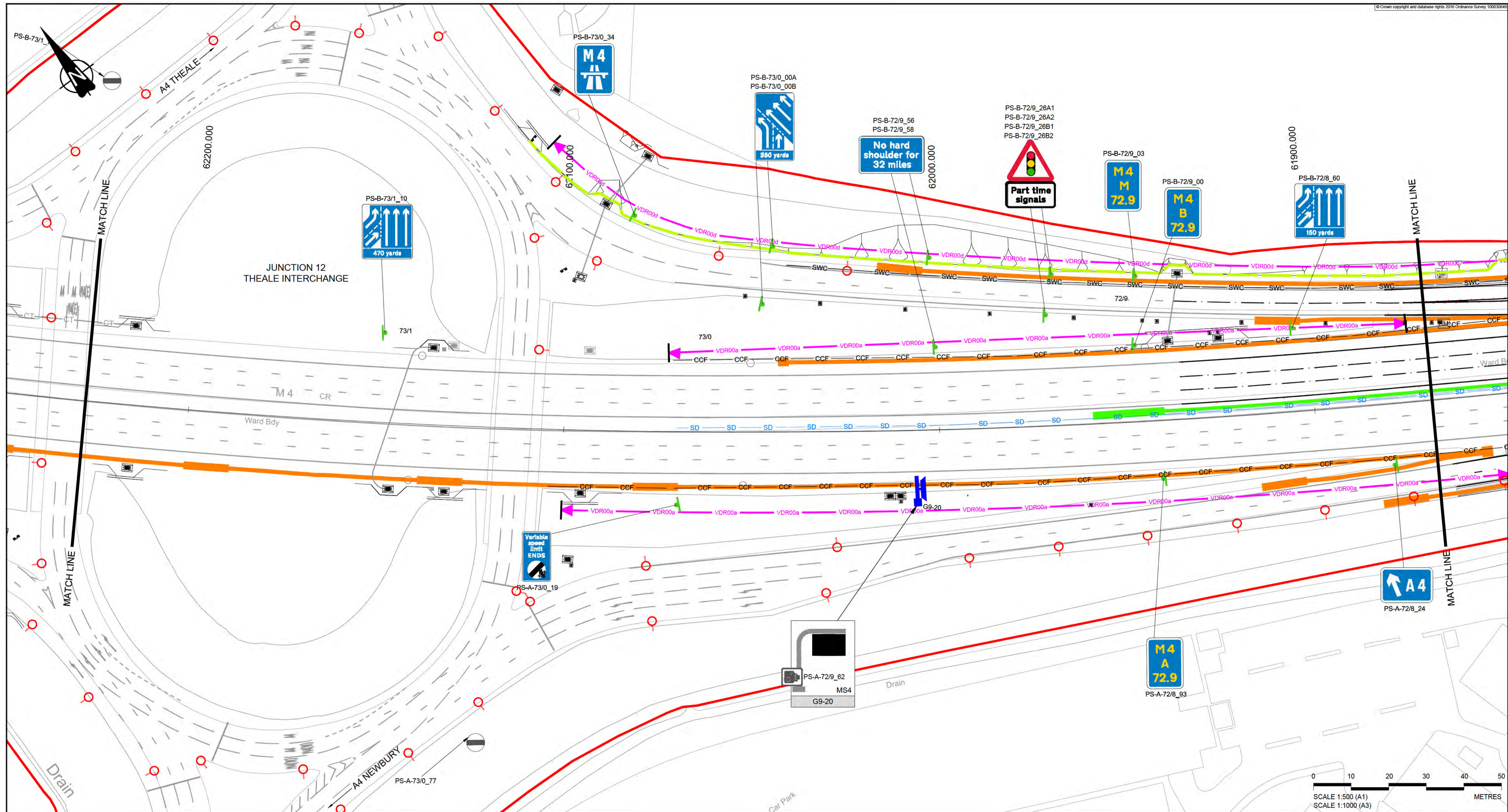
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 2 OF 91
CONTRACT 1
CH 62590 TO 62225

| | | | |
|----------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1002 | | |



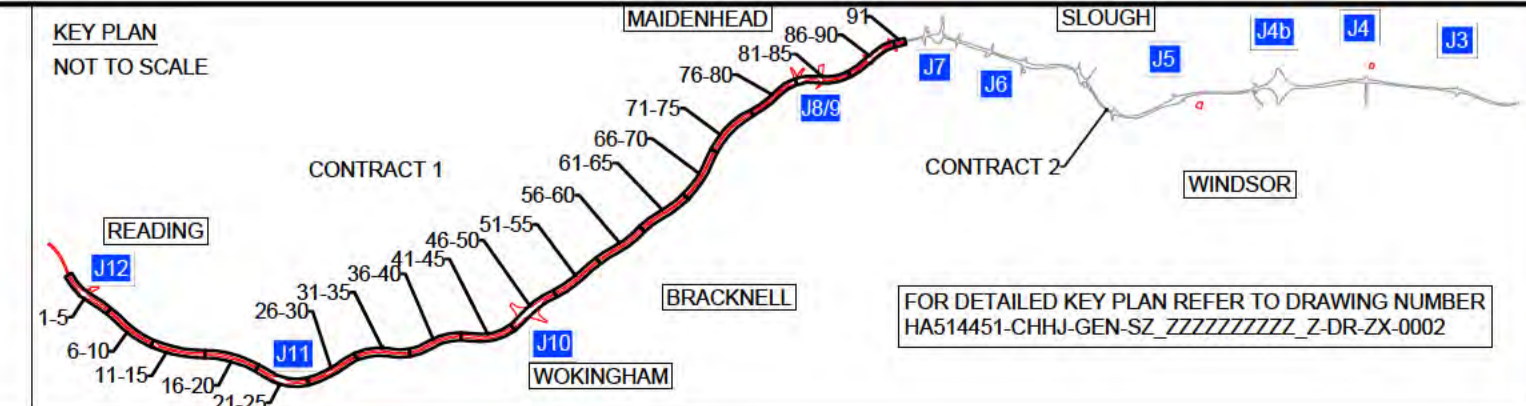
NOTES
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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
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| 001 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



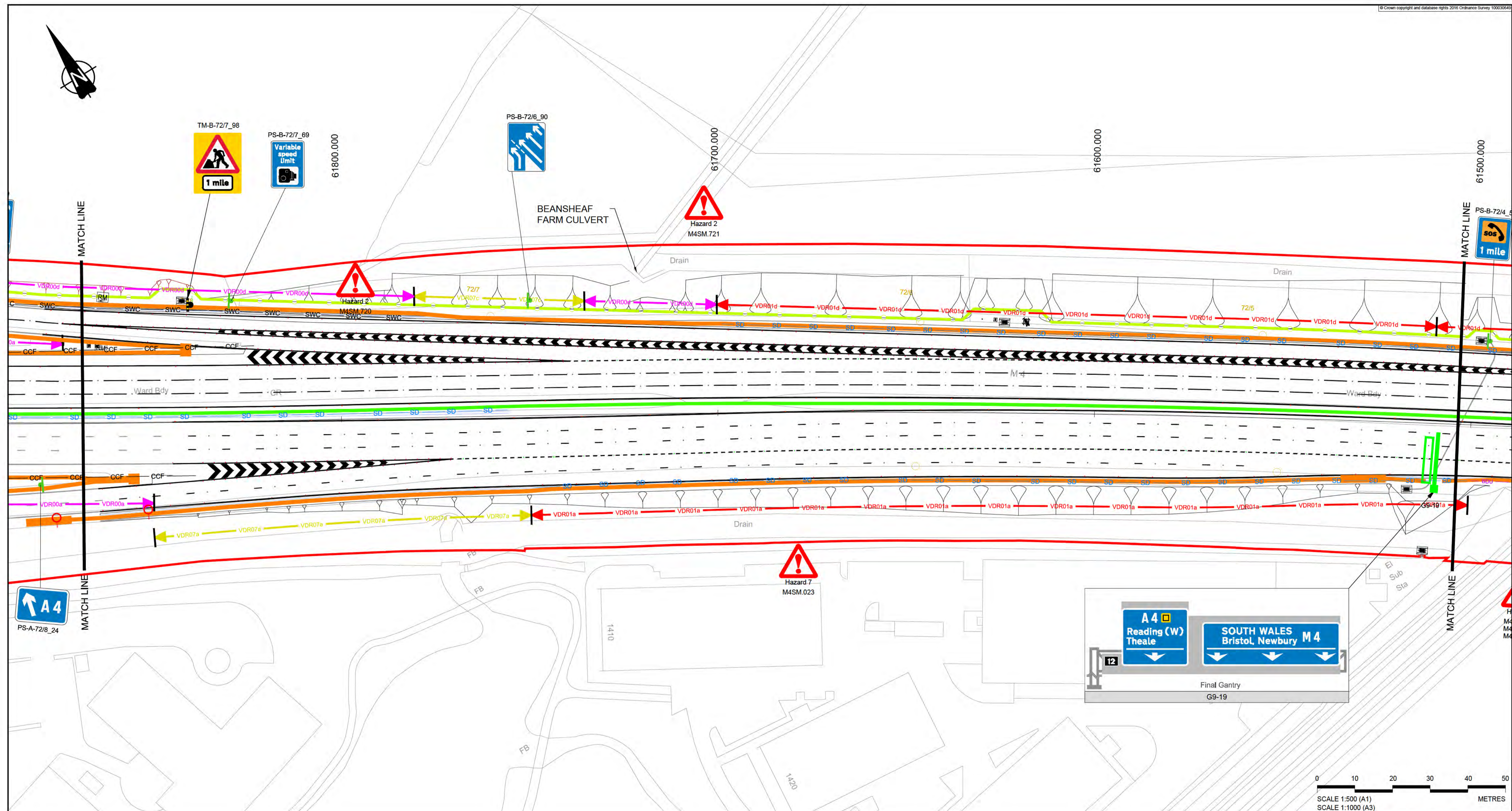
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 3 OF 91
CONTRACT 1
CH 6225 TO 61870

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|----------------|------------------------------|---------------|--------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN 1 Originator CHHJ |
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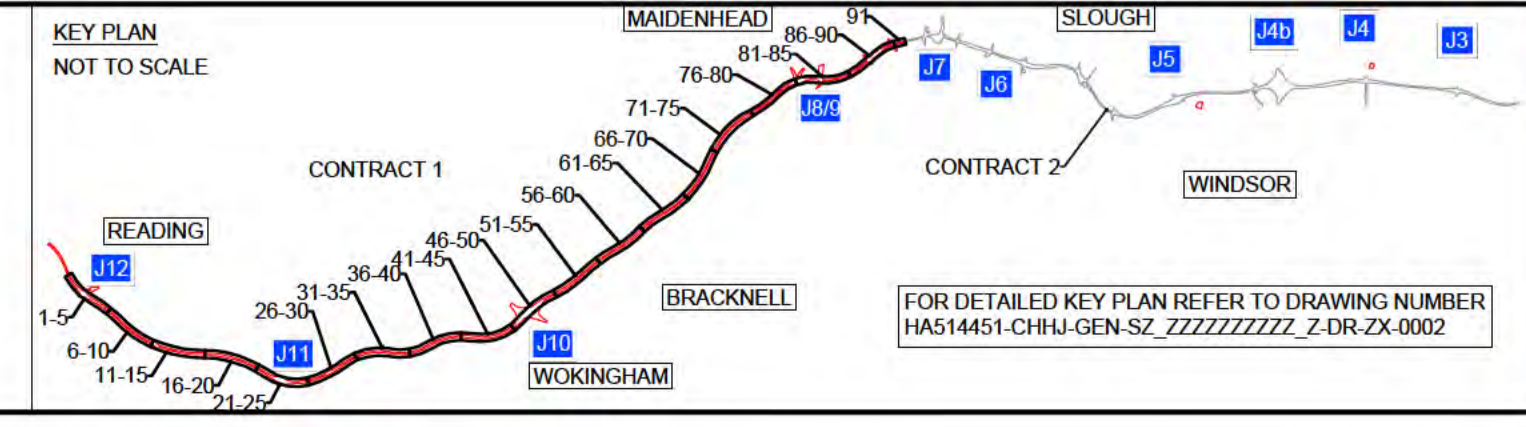
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| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Appr'd |

CONSTRUCTION

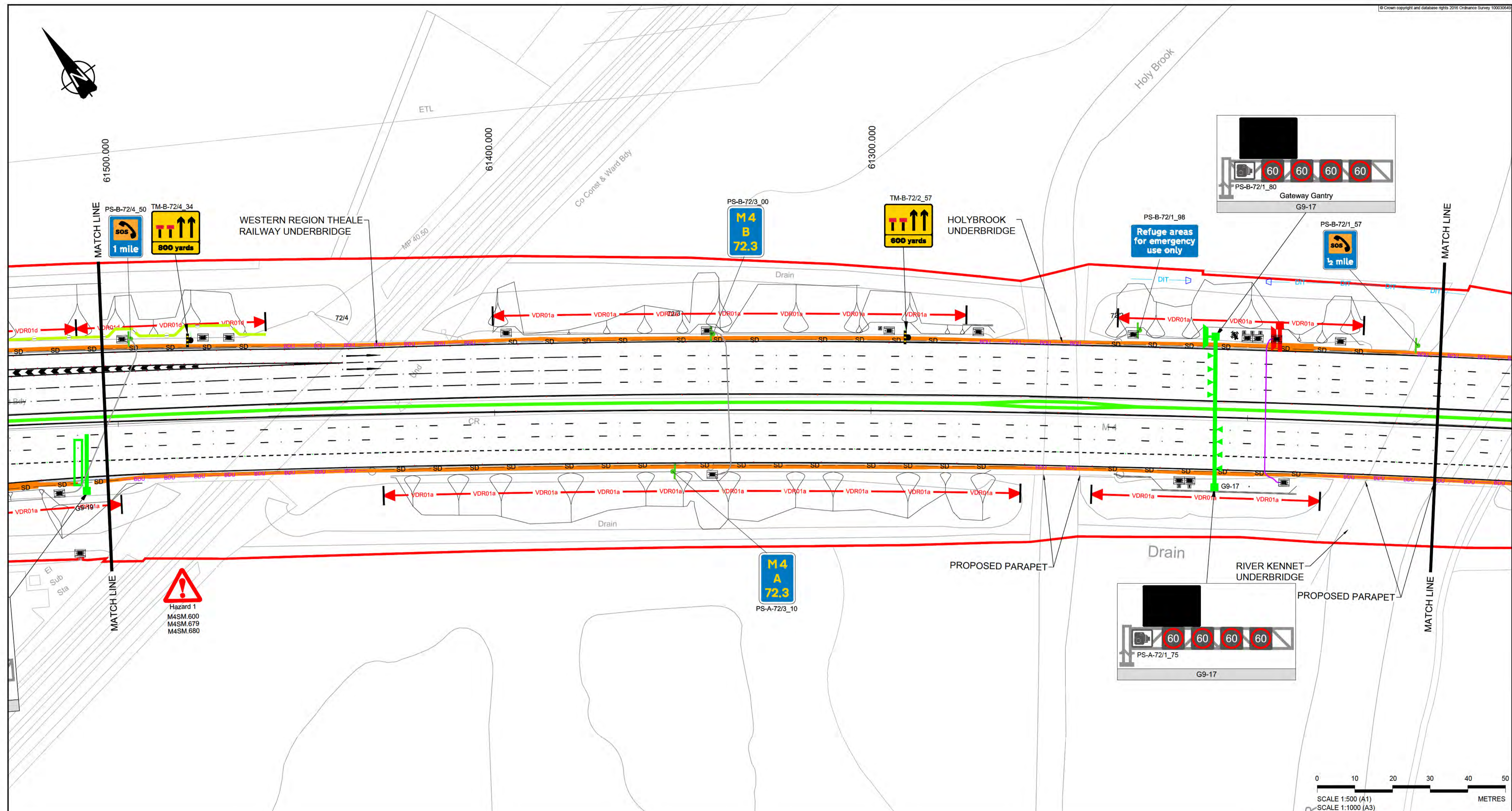


Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12
 Drawing title **GENERAL ARRANGEMENT**
SHEET 4 OF 91
CONTRACT 1
CH 61870 TO 61500

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| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN I Originator |
| Drawing number | HGNS1 ML000000_Z-DR-CH-1004 | Volume Location | CHHJ |
| Type Role Number | A1 | | |



NOTES

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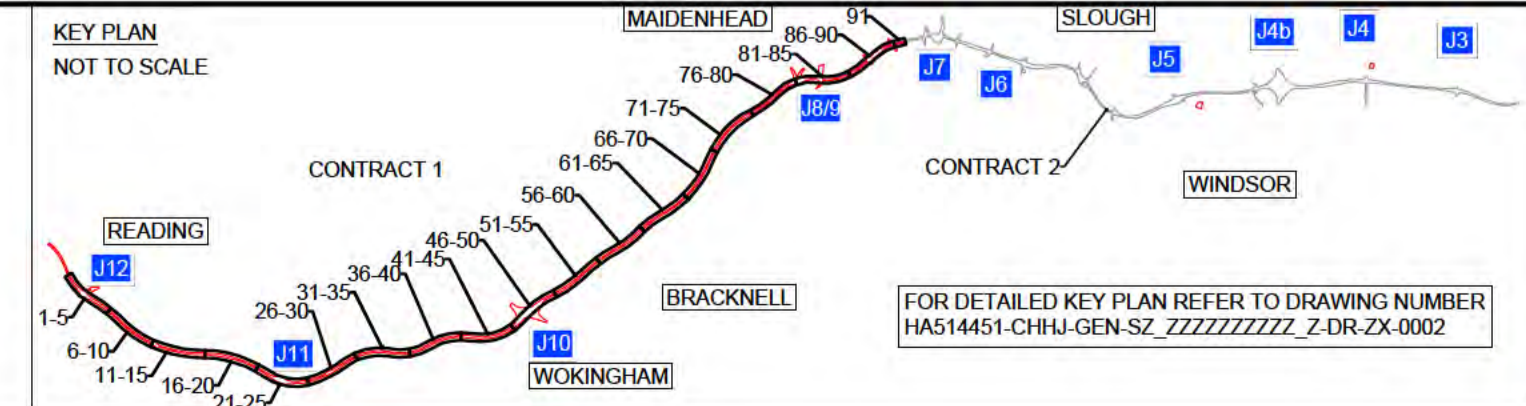
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



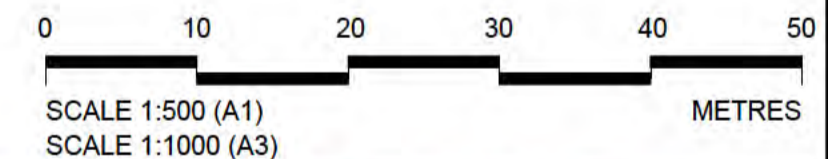
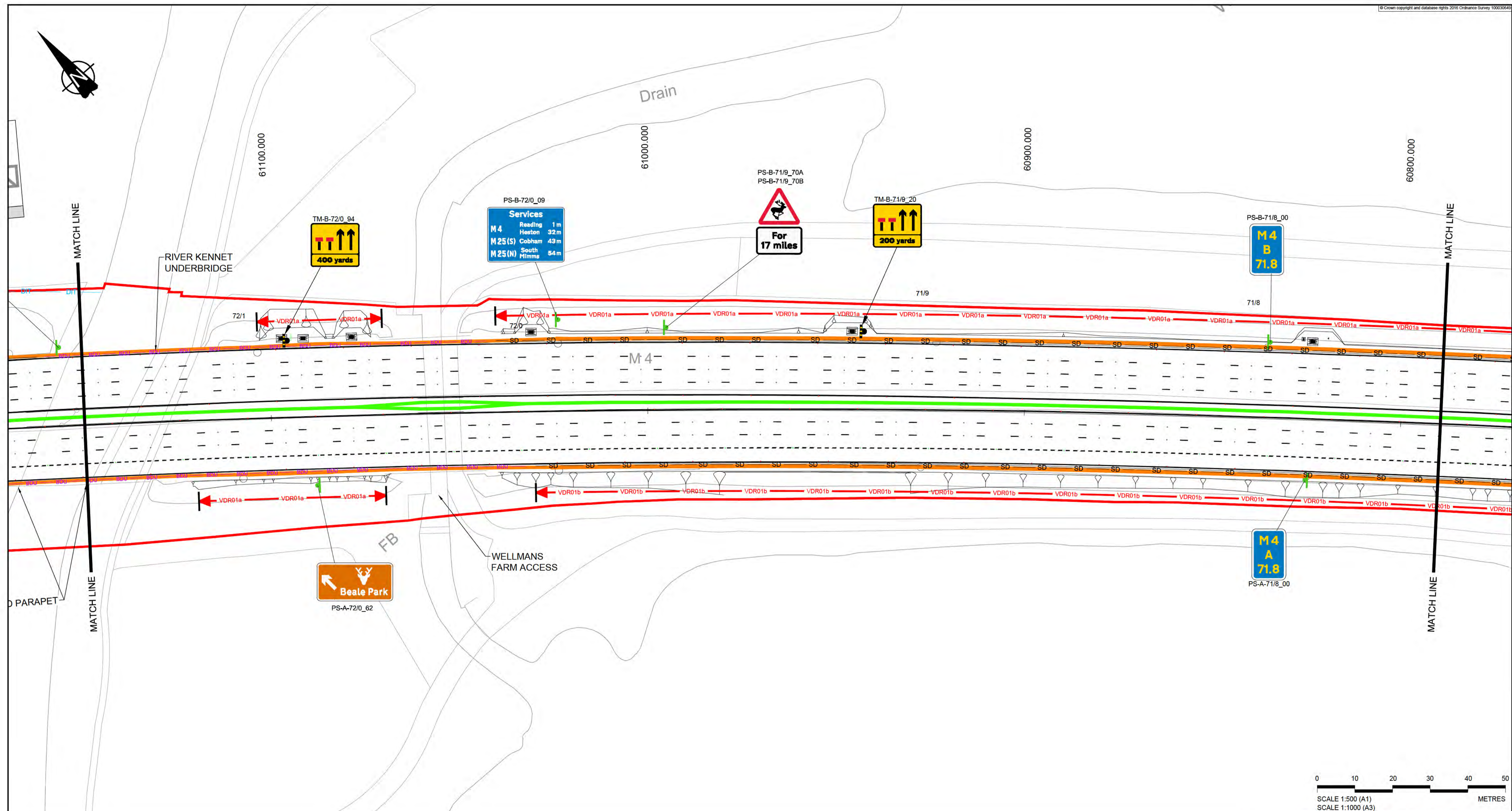
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 5 OF 91
CONTRACT 1
CH 61500 TO 61150

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| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Original Size | A1 |
| Checked By | [REDACTED] | Volume Location | HGN-S1_ML000000_Z-DR-CH-1005 |
| Approved By | [REDACTED] | Project No. | HA PIN Originator HA514451 CHHJ |
| Project No. | HA PIN Originator HA514451 CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1005 | Type Role Number | |

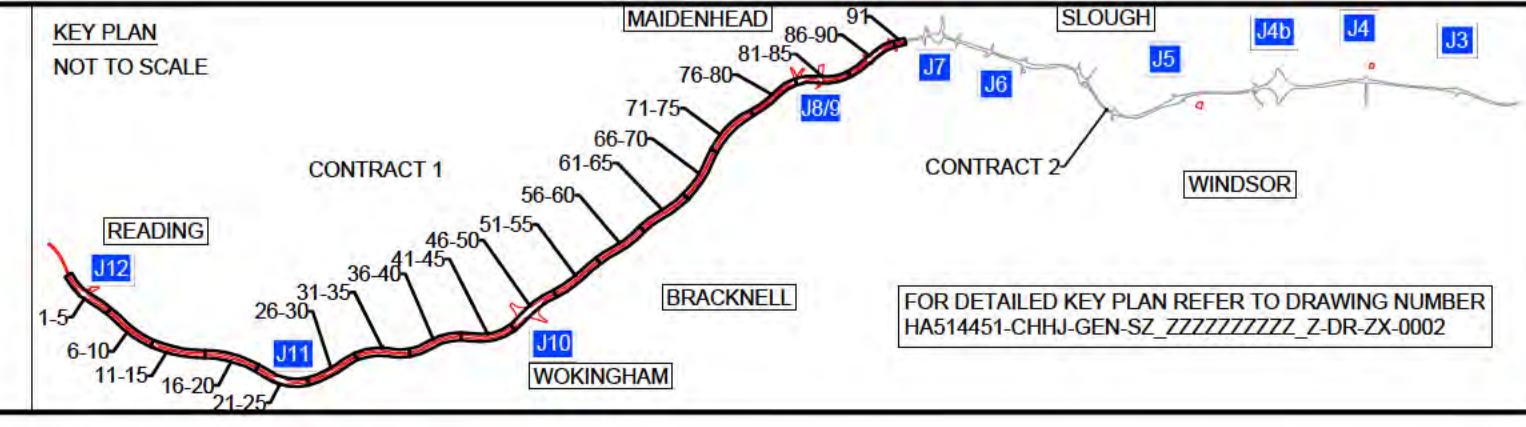


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| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



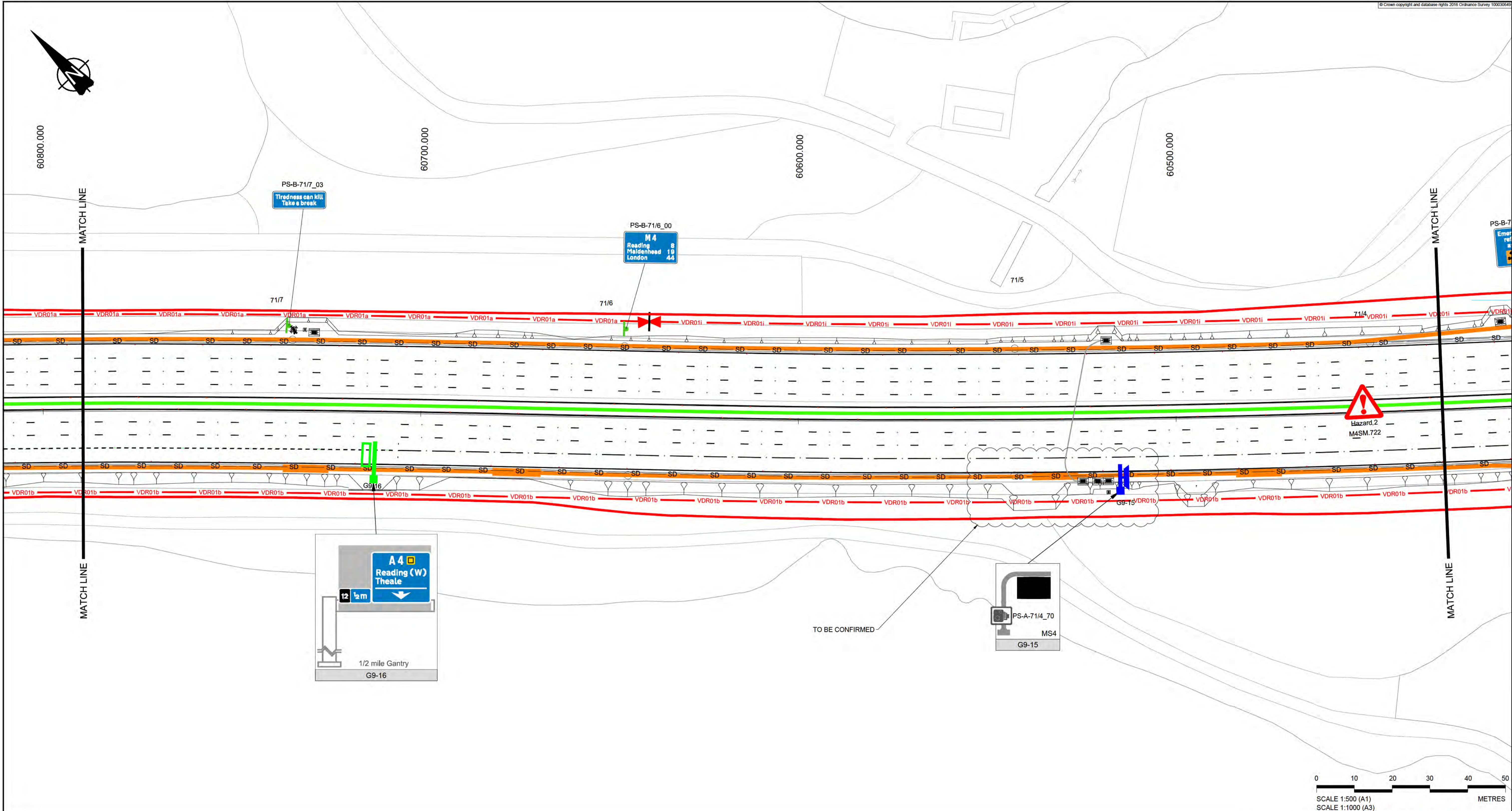
Client

DELIVERING THROUGH
ch2m **ARCADIS**

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 6 OF 91
CONTRACT 1
CH 61150 TO 60790

| | | | |
|----------------|------------------------------|-------------------|----------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1006 | Volume Location | Type Role Number |



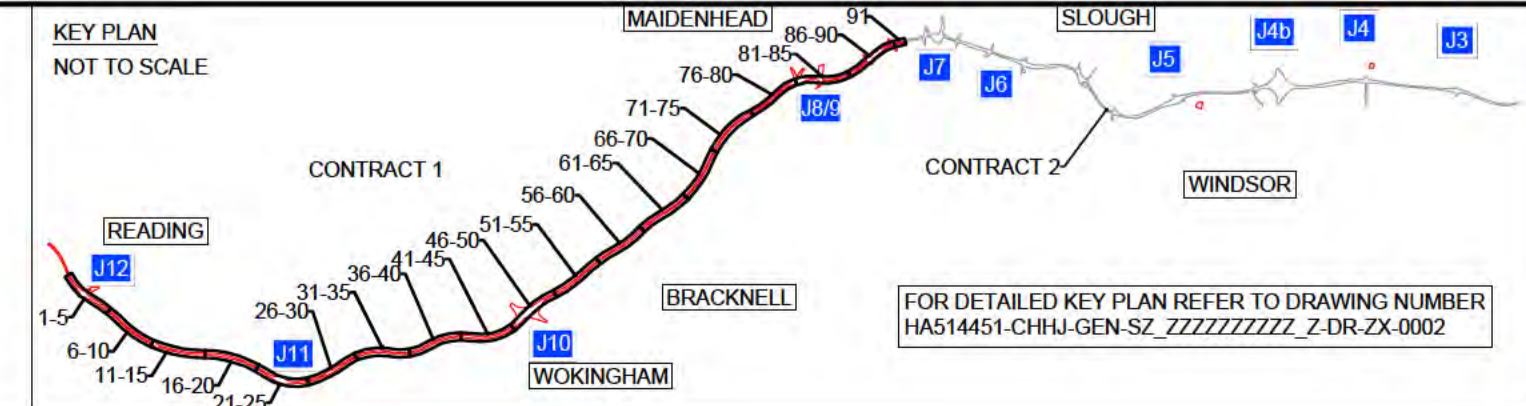
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| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
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CONSTRUCTION



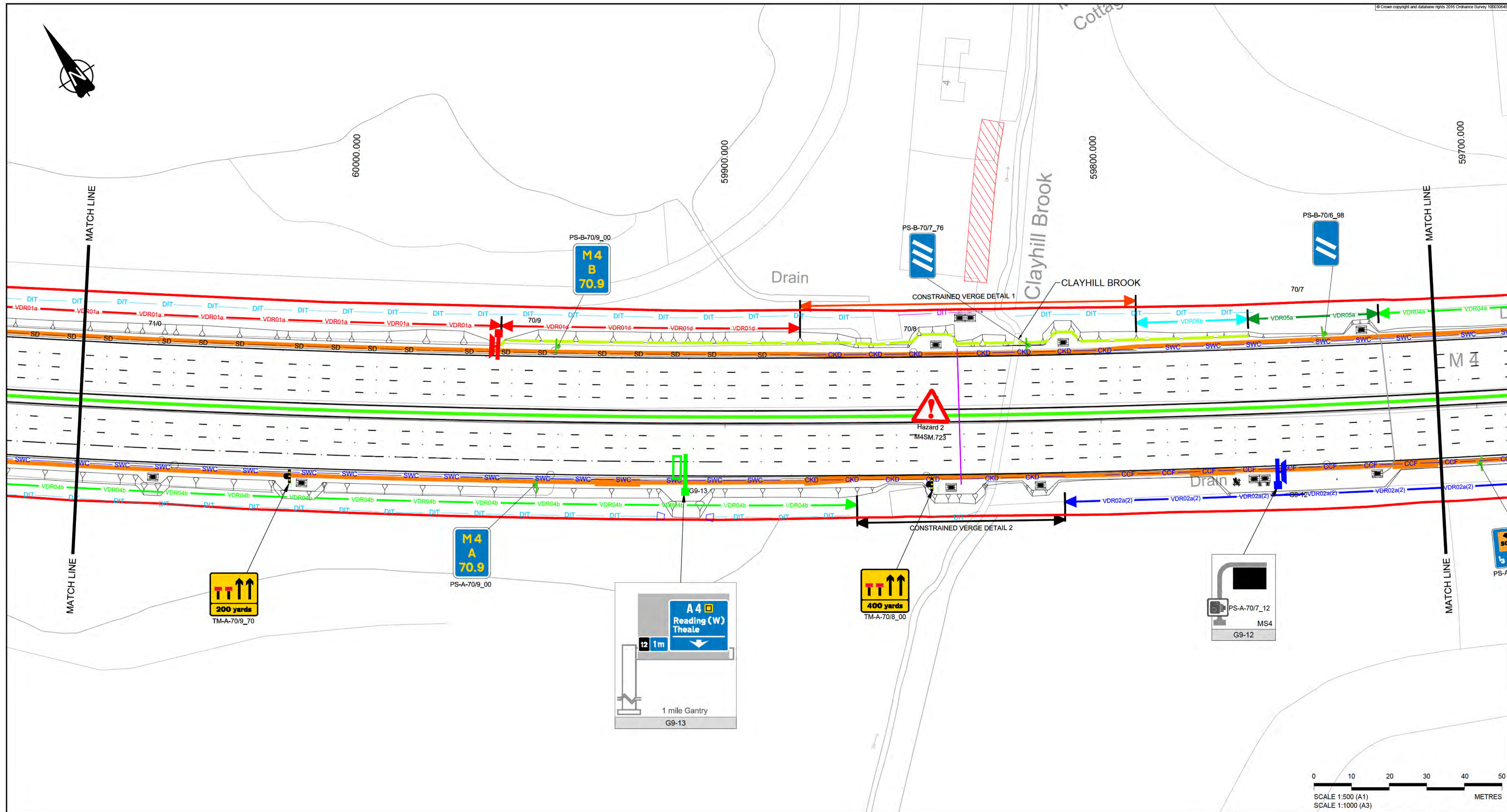
Client

highways england
DELIVERING THROUGH
ch2m ARCADIS

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
**GENERAL ARRANGEMENT
SHEET 7 OF 91
CONTRACT 1
CH 60790 TO 60430**

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|----------------|------------------------------|----------------------|--------------------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN I Originator HA514451 CHJJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1007 | Volume Location | 1 7 |
| Original Size | A1 | Type Role Number | |



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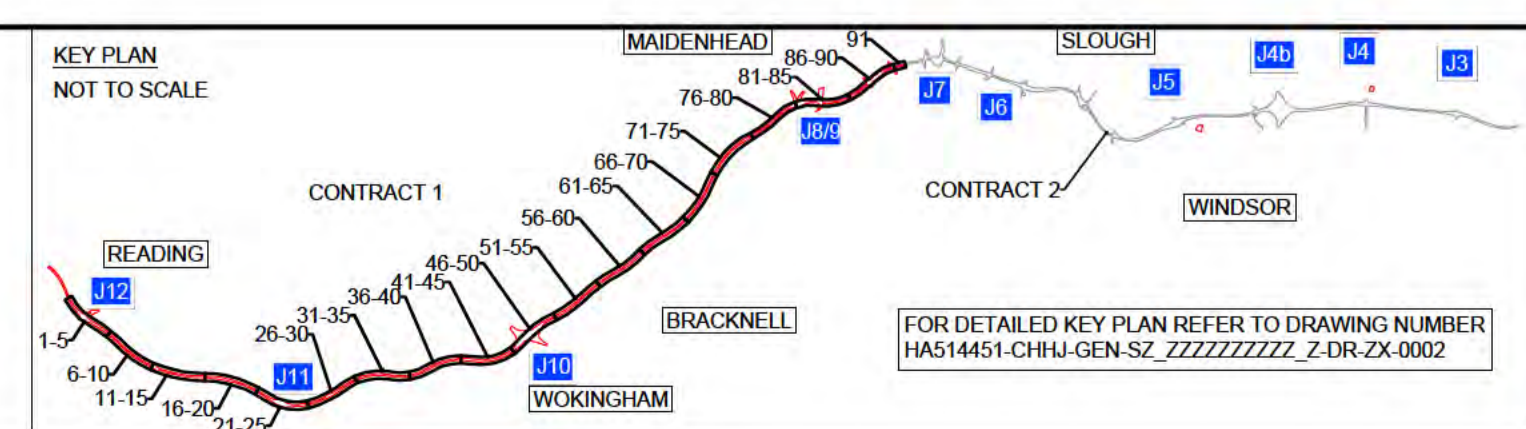
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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CONSTRUCTION



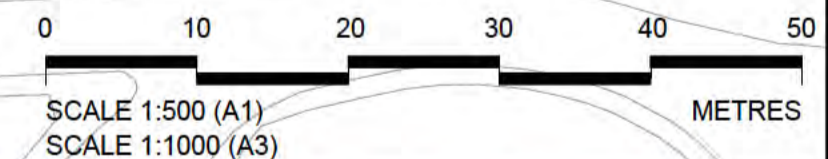
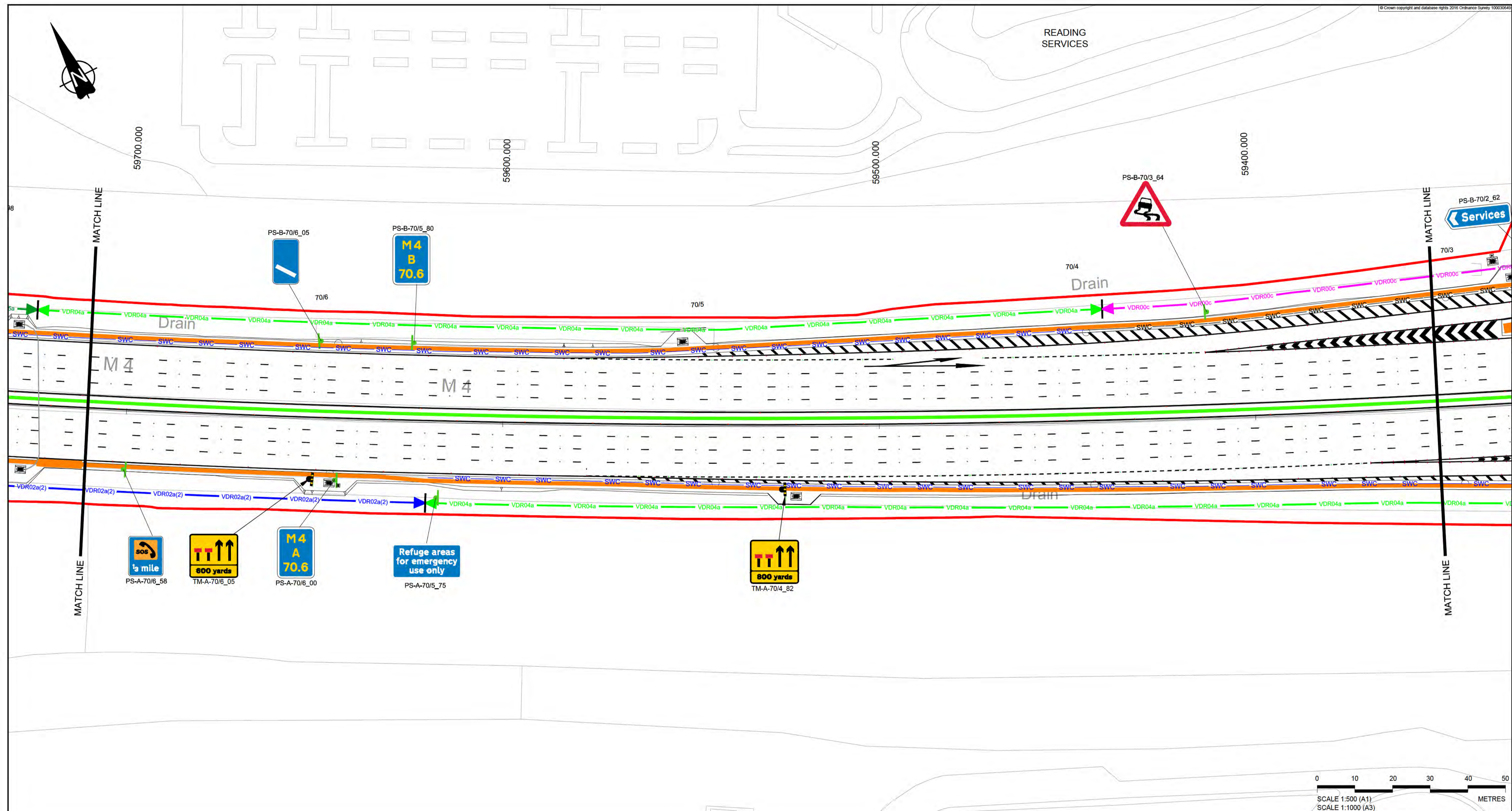
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
 SHEET 9 OF 91
 CONTRACT 1
 CH 60070 TO 59710

| | | | |
|------------------------------|-------------------|----------------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHUJ |
| Drawing number | Volume Location | Type Role Number | |
| HGN-S1_ML000000_Z-DR-CH-1009 | | | |



NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

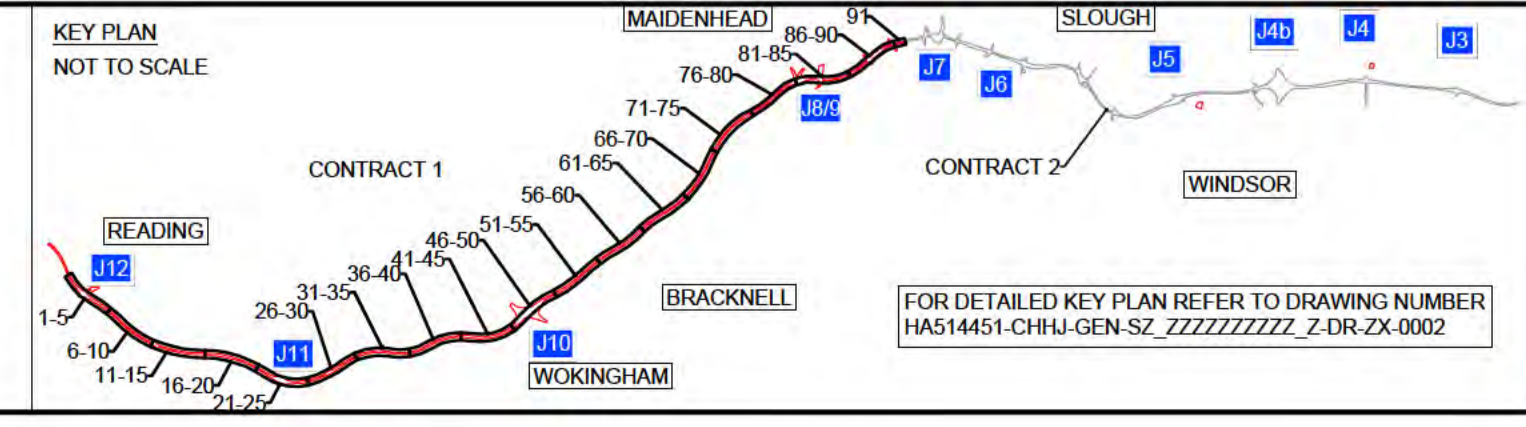
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Construction

1. WORKING ADJACENT TO RAILWAY LINE
2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
3. RESTRICTED HEIGHT CLEARANCE
4. SIGNIFICANT FLORA OR FAUNA INTERACTION
5. OVERHEAD POWER LINE
6. GROUND CONTAMINATION
7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
8. SIGNIFICANT TRAFFIC INTERACTION
9. GROUNDWATER OR FLOODWATER INTERACTION
10. CONFLICT WITH ACCESS
11. ABNORMAL GROUND CONDITIONS
12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|-------|--------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



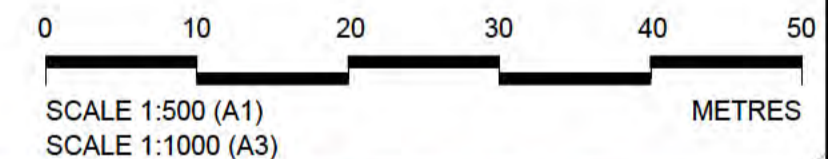
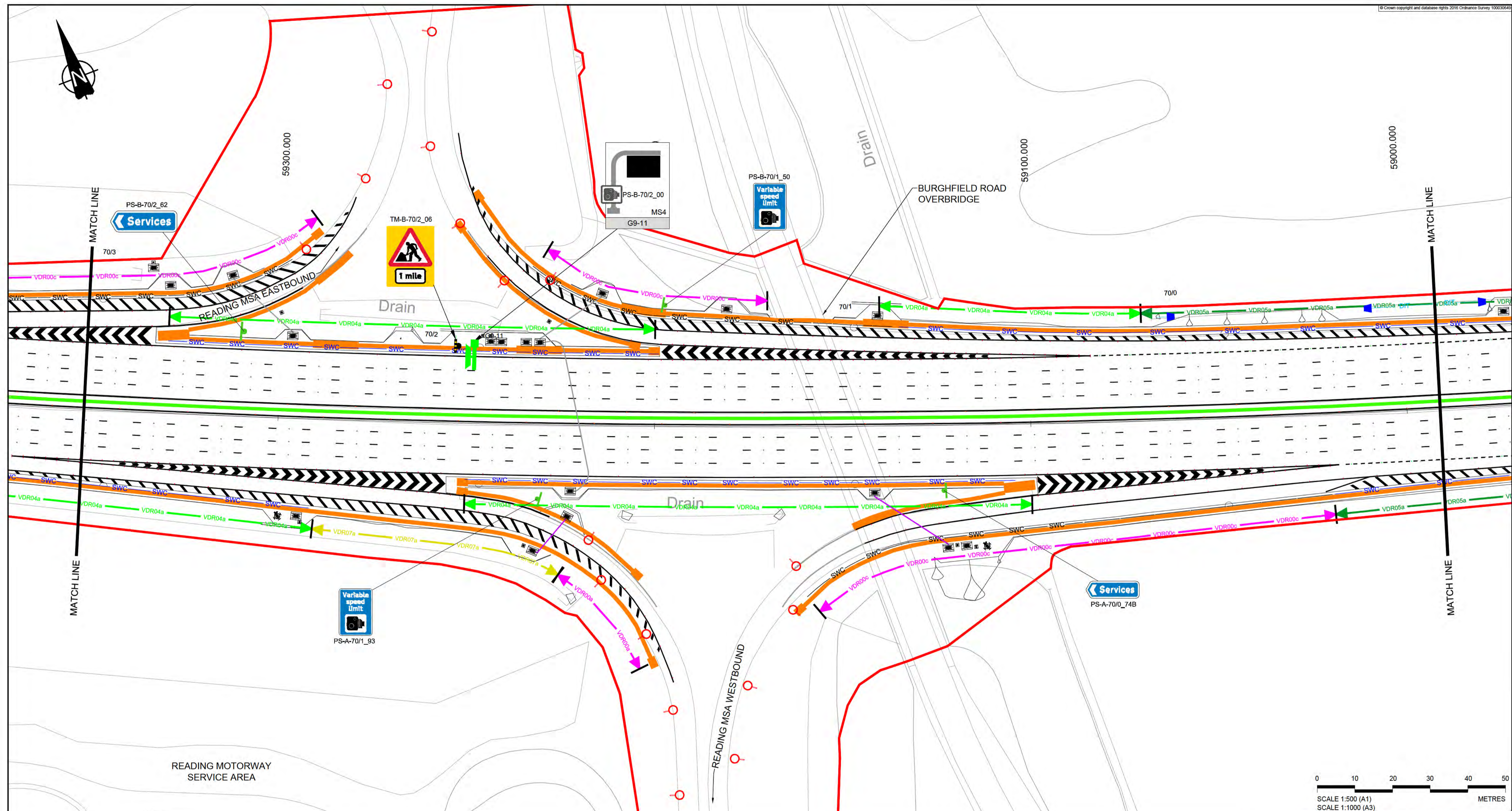
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 10 OF 91
CONTRACT 1
CH 59710 TO 59350

| | | | |
|-------------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Volume Location | HGN-S1_ML000000_Z-DR-CH-1010 | | |



NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

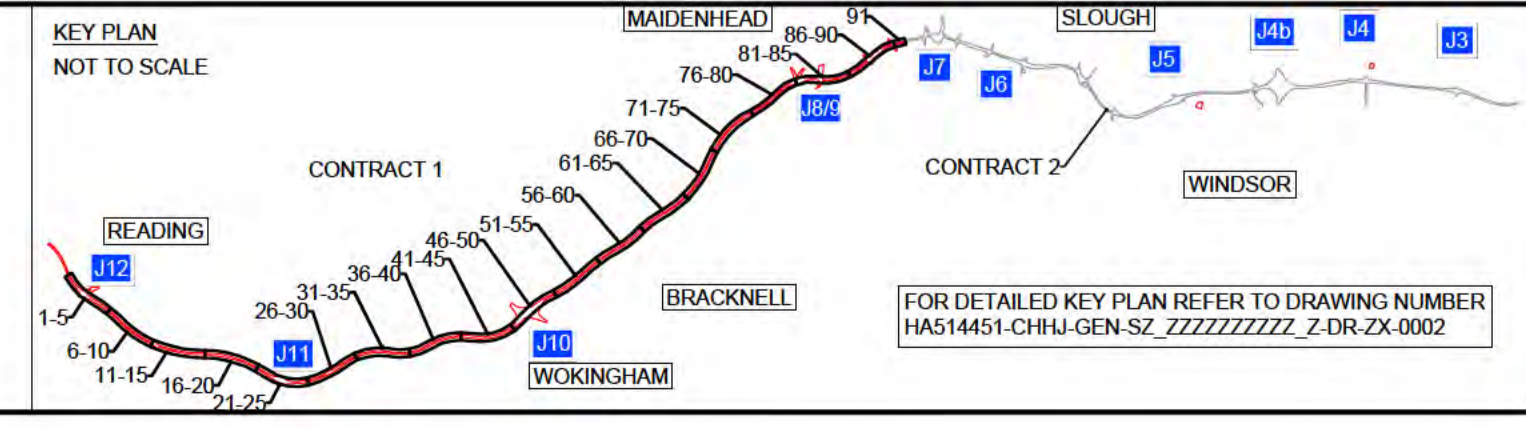
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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| Construction |
|---|
| 1. WORKING ADJACENT TO RAILWAY LINE |
| 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION |
| 3. RESTRICTED HEIGHT CLEARANCE |
| 4. SIGNIFICANT FLORA OR FAUNA INTERACTION |
| 5. OVERHEAD POWER LINE |
| 6. GROUND CONTAMINATION |
| 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION |
| 8. SIGNIFICANT TRAFFIC INTERACTION |
| 9. GROUNDWATER OR FLOODWATER INTERACTION |
| 10. CONFLICT WITH ACCESS |
| 11. ABNORMAL GROUND CONDITIONS |
| 12. EXISTING LIGHTING REMOVAL |

| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|---------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION

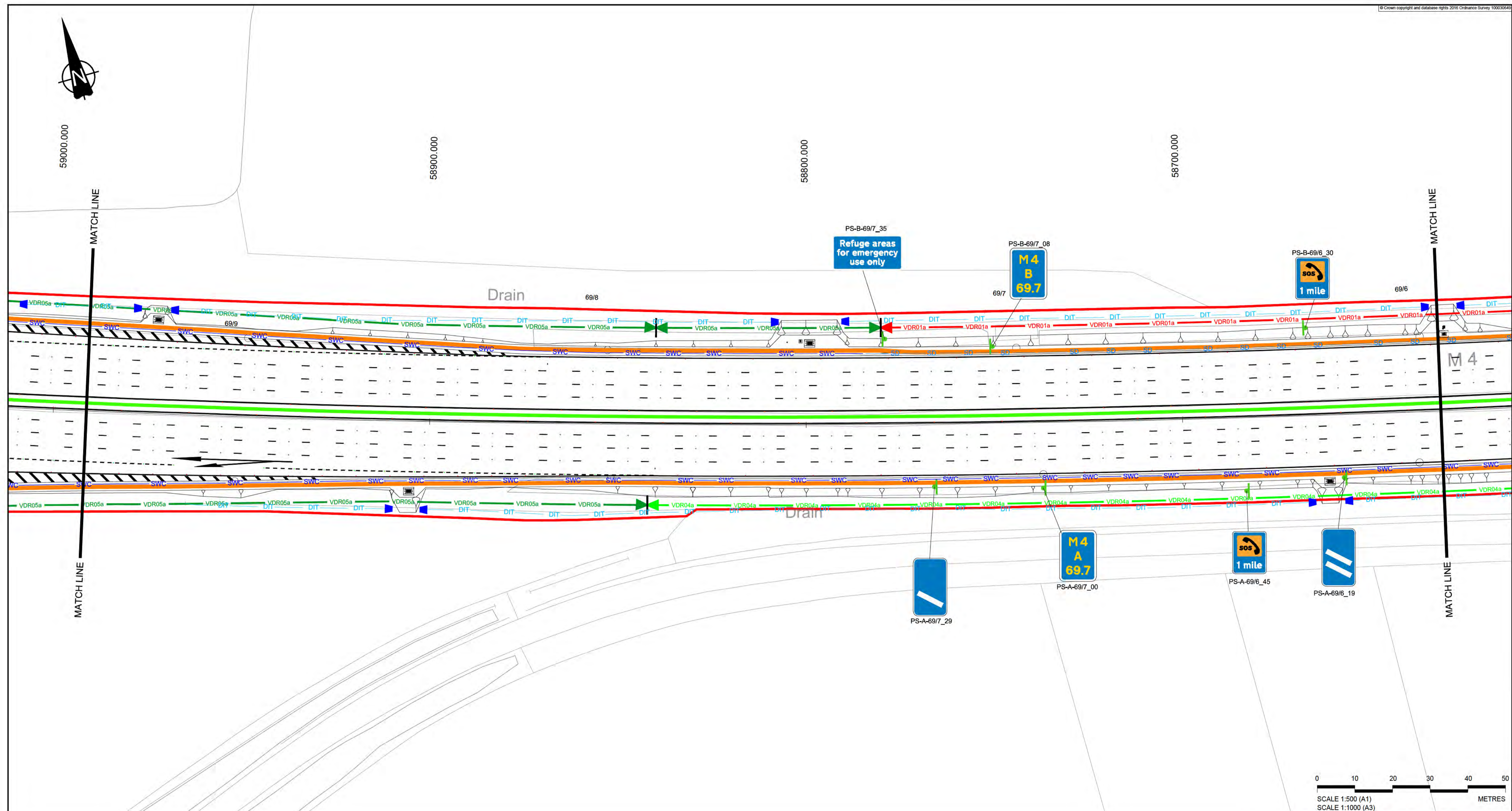


Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12
 Drawing title GENERAL ARRANGEMENT
 SHEET 11 OF 91
 CONTRACT 1
 CH 59350 TO 58990

| | | | |
|----------------|------------------------------|---------------|--------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN I Originator CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1011 | Original Size | A1 |



NOTES

- 1. REFER TO SHEET 0 FOR KEY AND NOTES

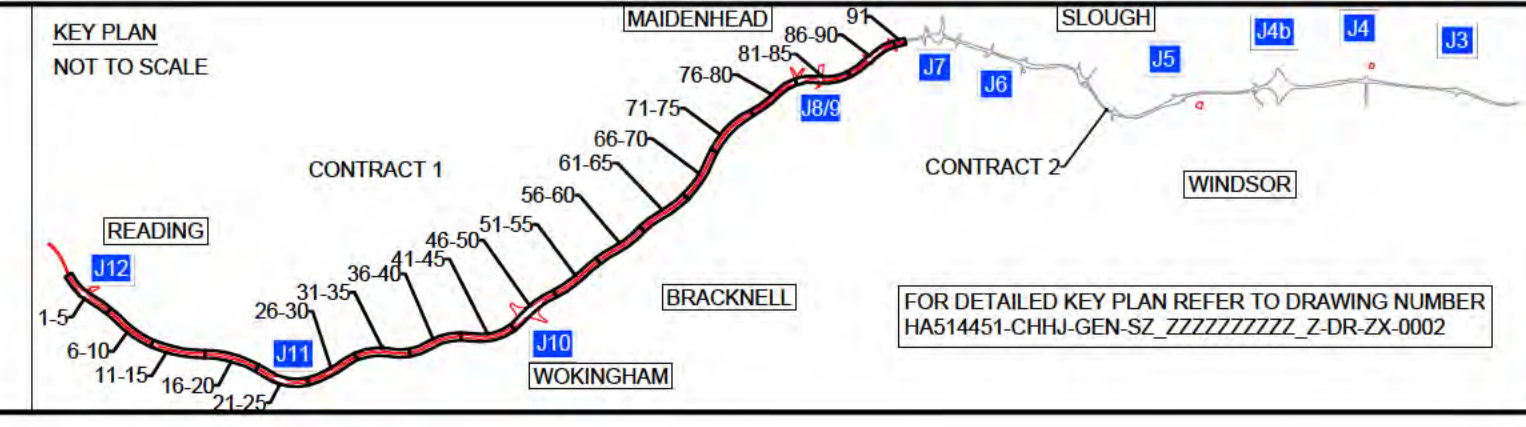
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|-------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



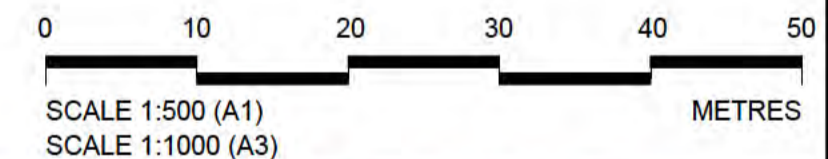
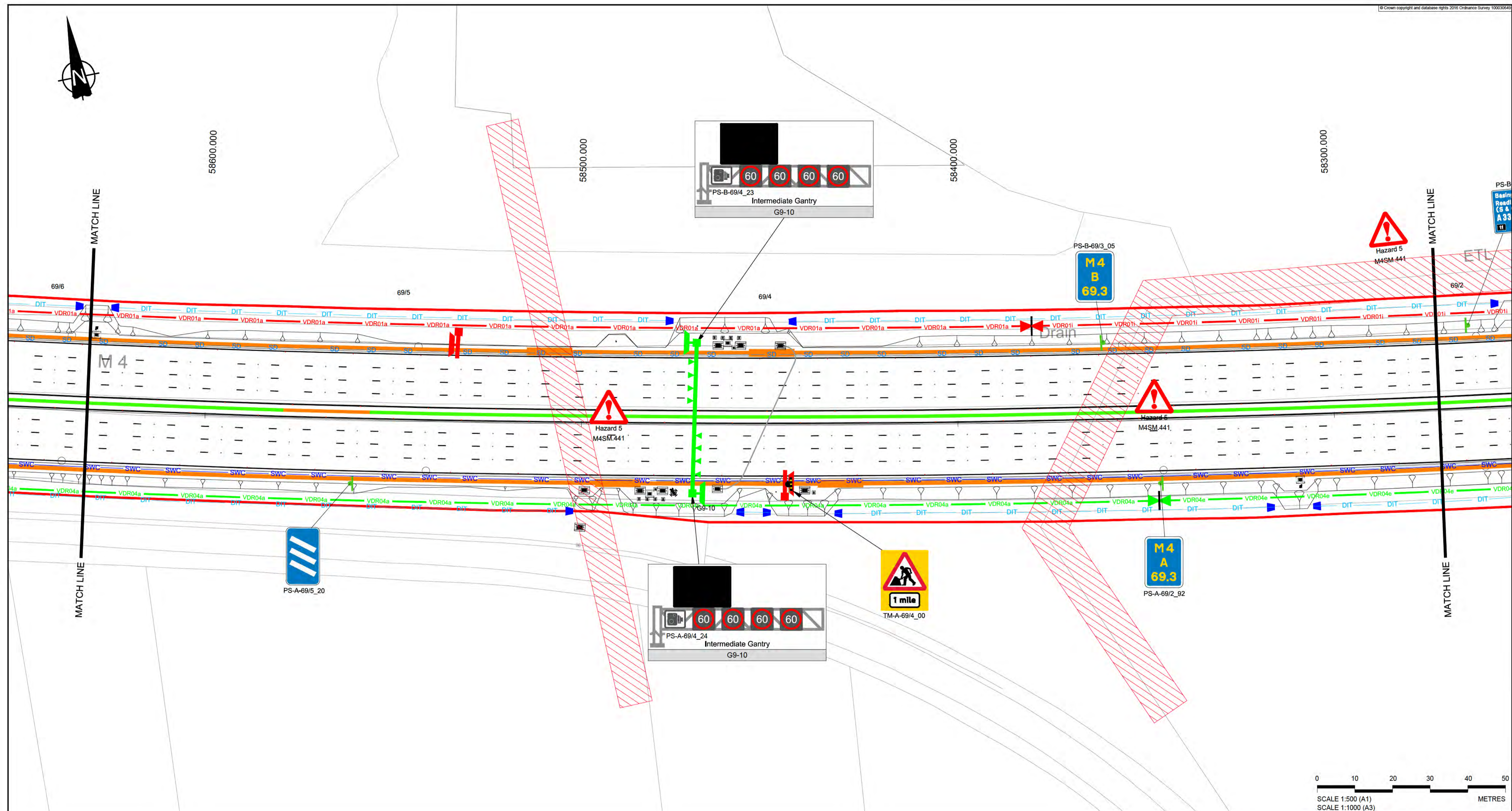
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 12 OF 91
CONTRACT 1
CH 58990 TO 58630

| | | | |
|-------------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | | Checked By | |
| Approved By | | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1012 | Original Size | A1 |
| Volume Location | Type Role Number | | |



NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

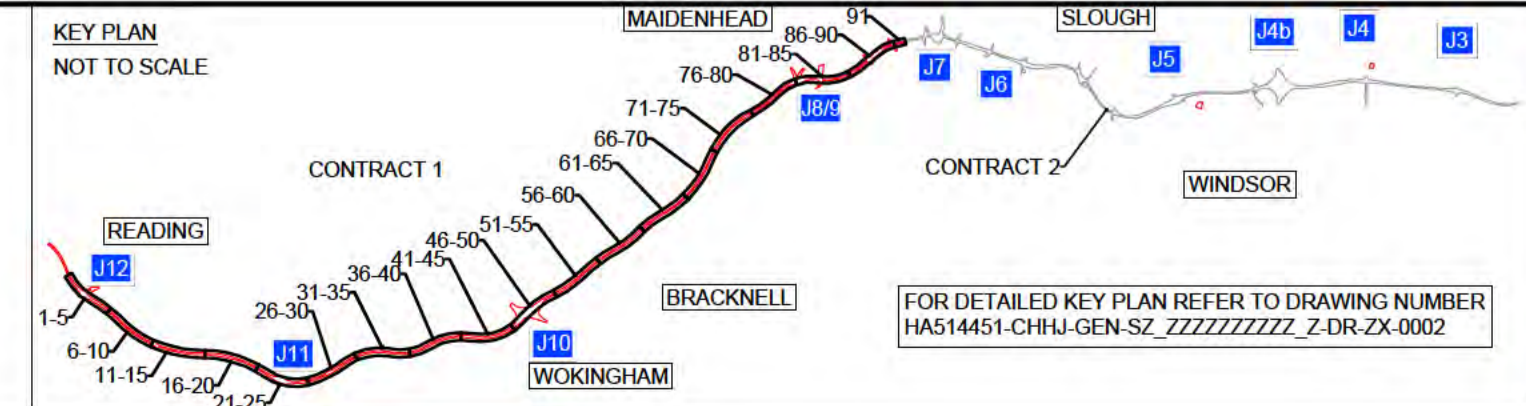
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Construction

1. WORKING ADJACENT TO RAILWAY LINE
2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
3. RESTRICTED HEIGHT CLEARANCE
4. SIGNIFICANT FLORA OR FAUNA INTERACTION
5. OVERHEAD POWER LINE
6. GROUND CONTAMINATION
7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
8. SIGNIFICANT TRAFFIC INTERACTION
9. GROUNDWATER OR FLOODWATER INTERACTION
10. CONFLICT WITH ACCESS
11. ABNORMAL GROUND CONDITIONS
12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



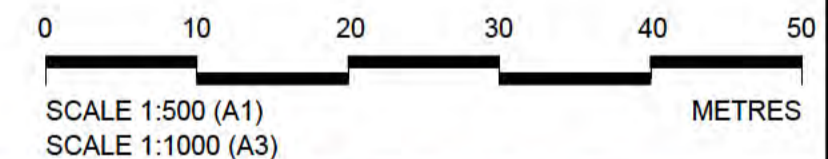
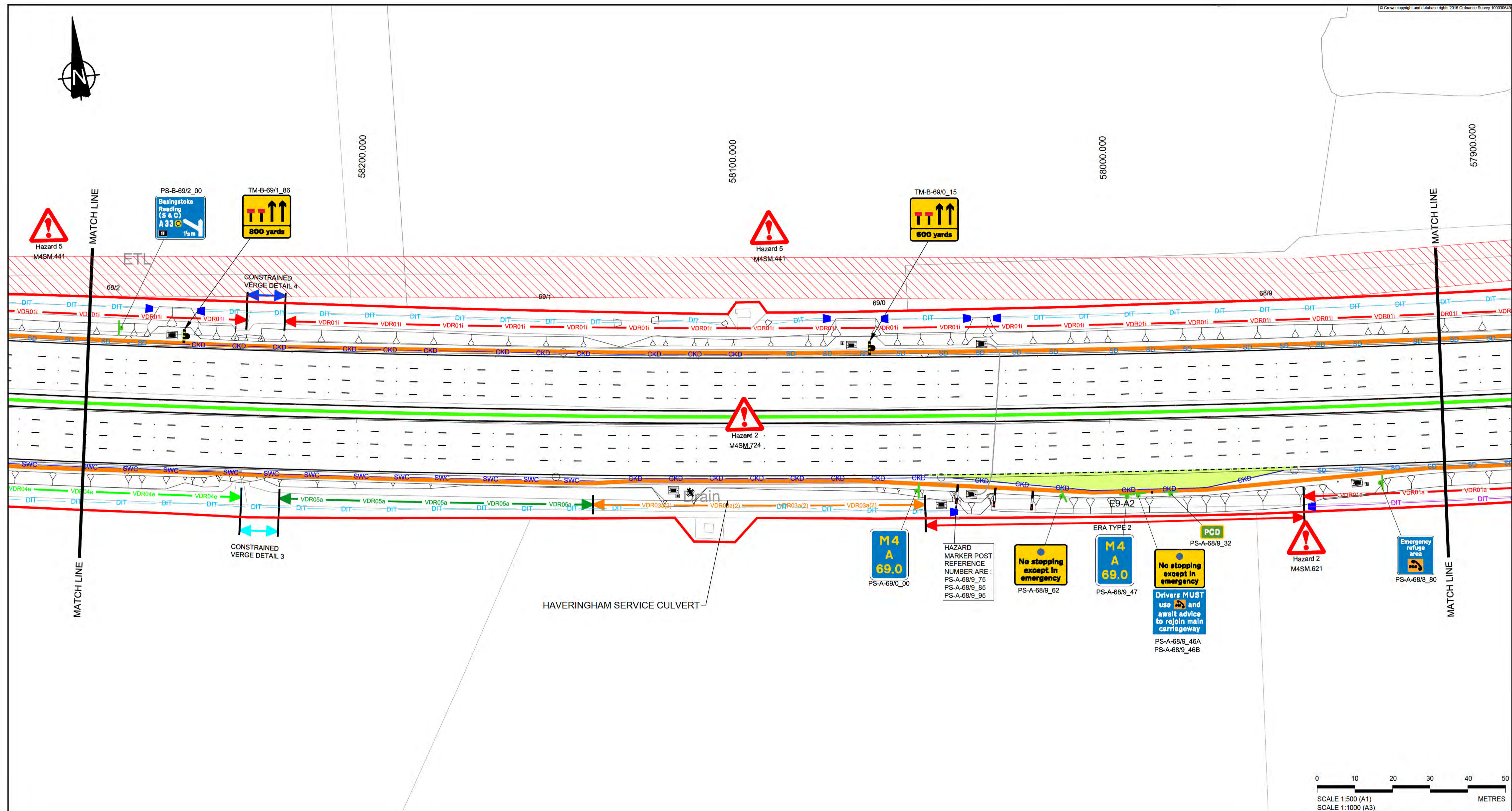
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 13 OF 91
CONTRACT 1
CH 58630 TO 58270

| | | | |
|----------------|------------------------------|----------------------|------------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Original Size | A1 |
| Checked By | [REDACTED] | Volume Location | HGN-S1_ML000000_Z-DR-CH-1013 |
| Approved By | [REDACTED] | Type Role Number | |
| Project No. | HA PIN | Originator | CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1013 | | |

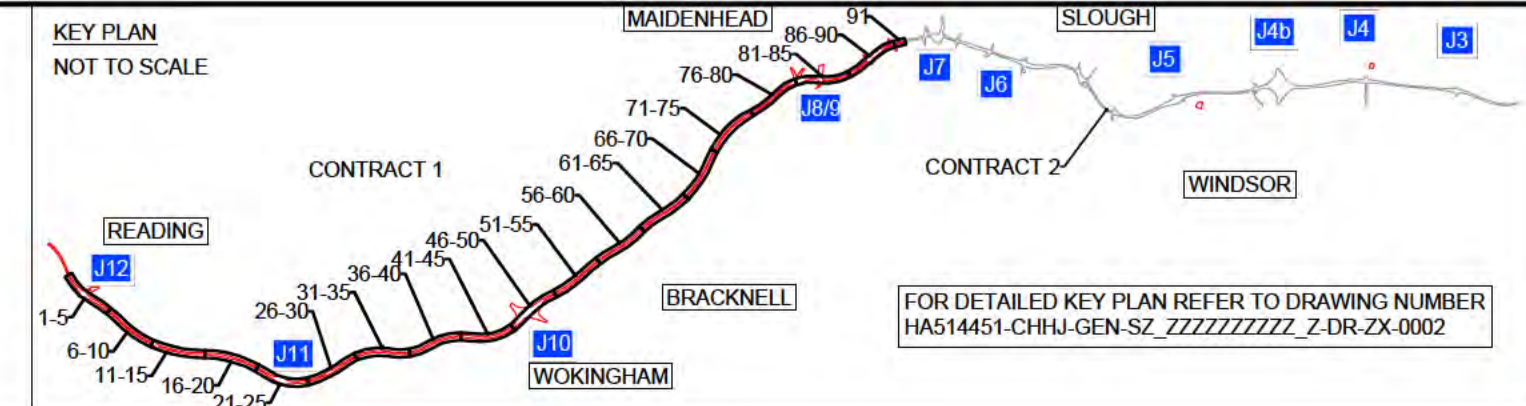


NOTES
1. REFER TO SHEET 0 FOR KEY AND NOTES

- SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**
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- Construction**
- WORKING ADJACENT TO RAILWAY LINE
 - TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 - RESTRICTED HEIGHT CLEARANCE
 - SIGNIFICANT FLORA OR FAUNA INTERACTION
 - OVERHEAD POWER LINE
 - GROUND CONTAMINATION
 - SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 - SIGNIFICANT TRAFFIC INTERACTION
 - GROUNDWATER OR FLOODWATER INTERACTION
 - CONFLICT WITH ACCESS
 - ABNORMAL GROUND CONDITIONS
 - EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|---------|---------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



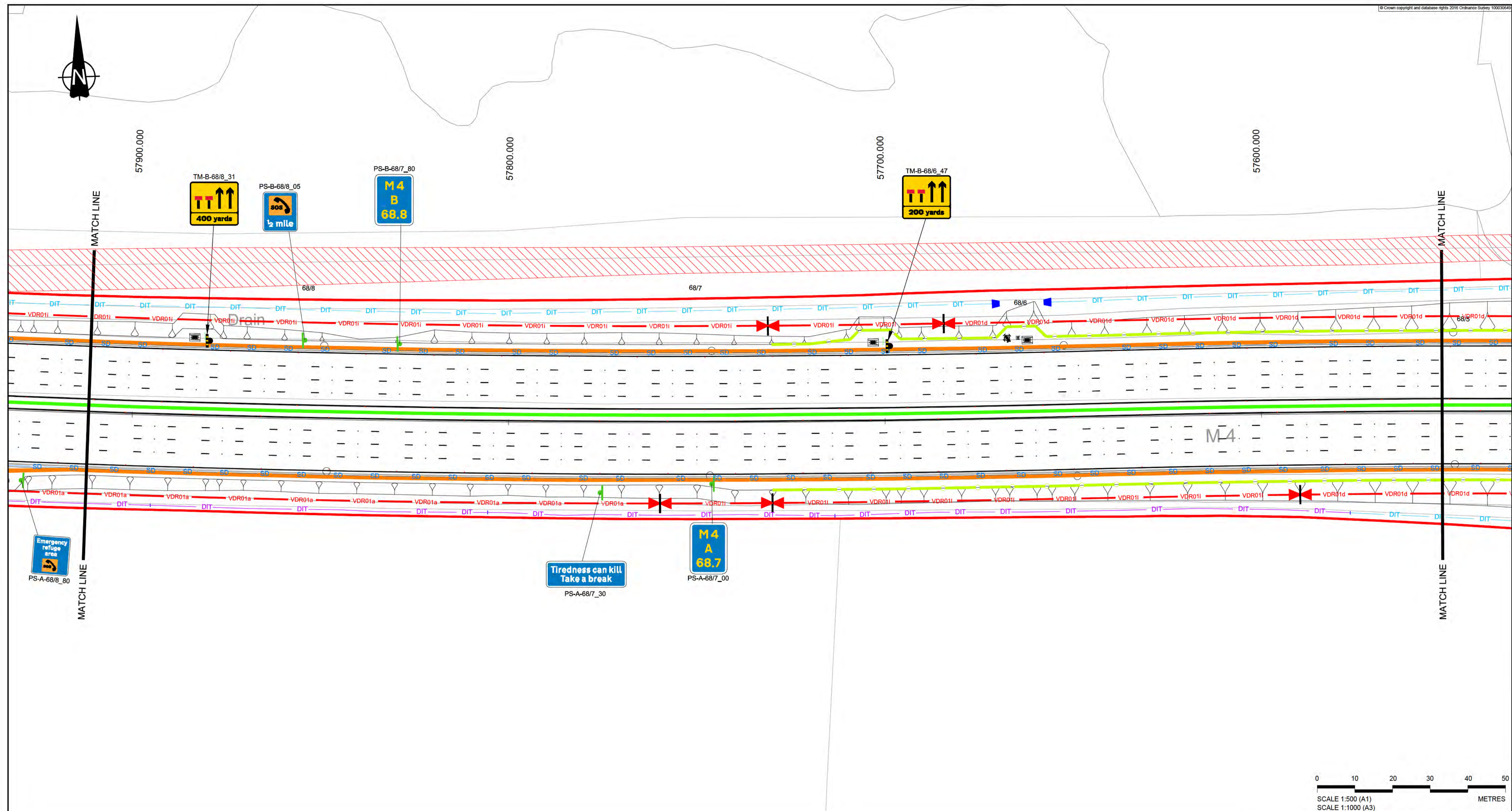
Client

DELIVERING THROUGH
ch2m **ARCADIS**

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 14 OF 91
CONTRACT 1
CH 58270 TO 57910

| | | | |
|----------------|------------------------------|----------------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | | Checked By | |
| Approved By | | Project No. | HA PIN |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1014 | Volume Location | 1 14 |
| Original Size | A1 | Type Role Number | |



NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

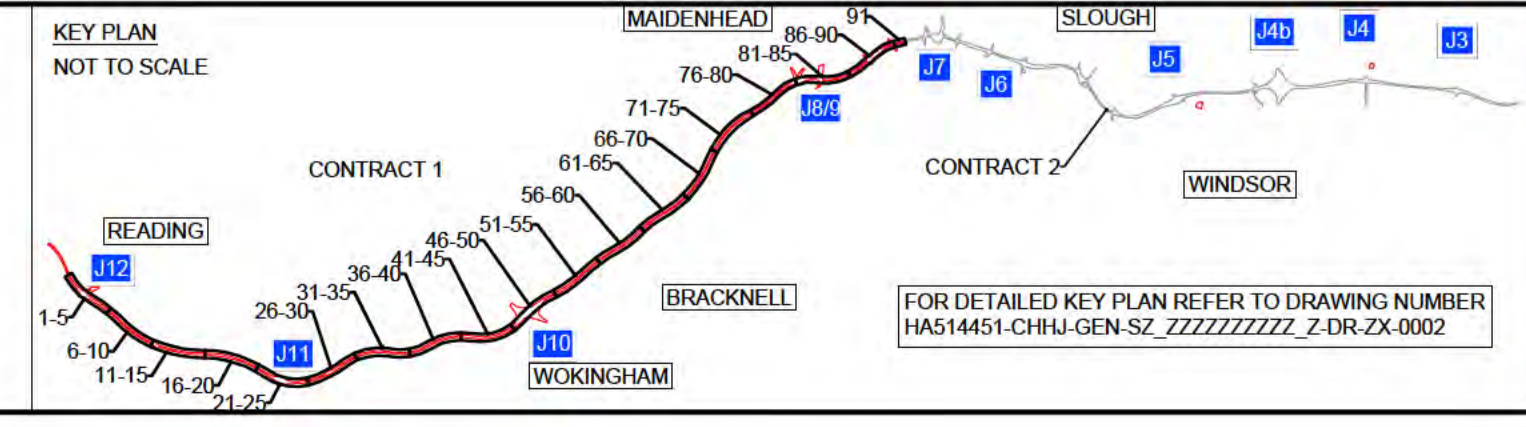
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Construction

1. WORKING ADJACENT TO RAILWAY LINE
2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
3. RESTRICTED HEIGHT CLEARANCE
4. SIGNIFICANT FLORA OR FAUNA INTERACTION
5. OVERHEAD POWER LINE
6. GROUND CONTAMINATION
7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
8. SIGNIFICANT TRAFFIC INTERACTION
9. GROUNDWATER OR FLOODWATER INTERACTION
10. CONFLICT WITH ACCESS
11. ABNORMAL GROUND CONDITIONS
12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|--------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chck'd | Apprv'd |

CONSTRUCTION



Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 15 OF 91
CONTRACT 1
CH 57910 TO 57550

| | | | |
|----------------|------------------------------|-------------------|----------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1015 | Volume Location | Type Role Number |

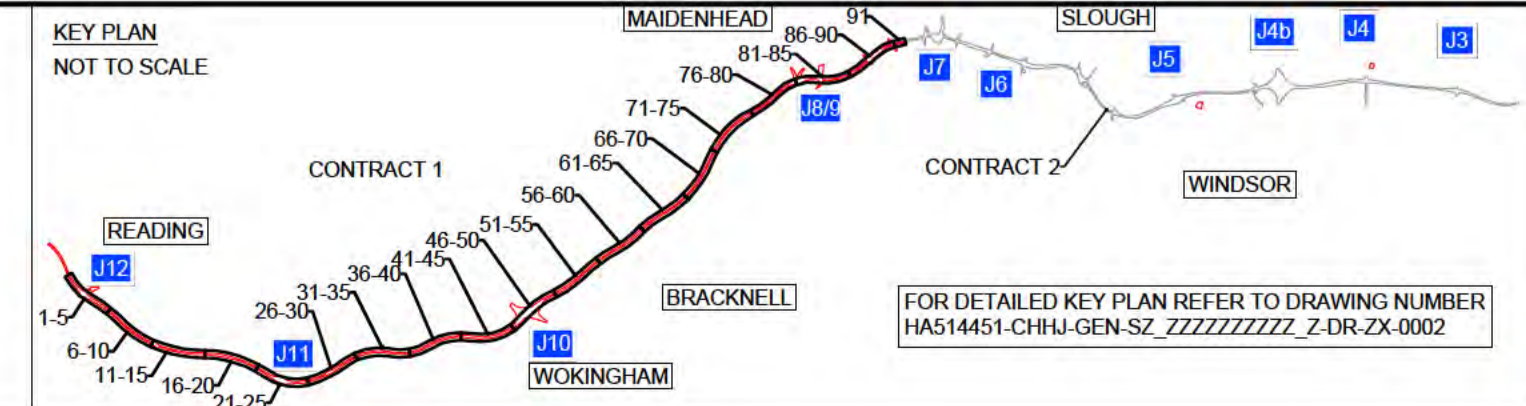


NOTES
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- SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**
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- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|---------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



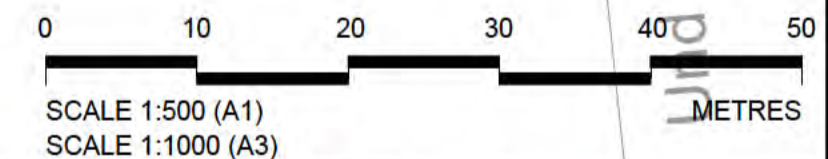
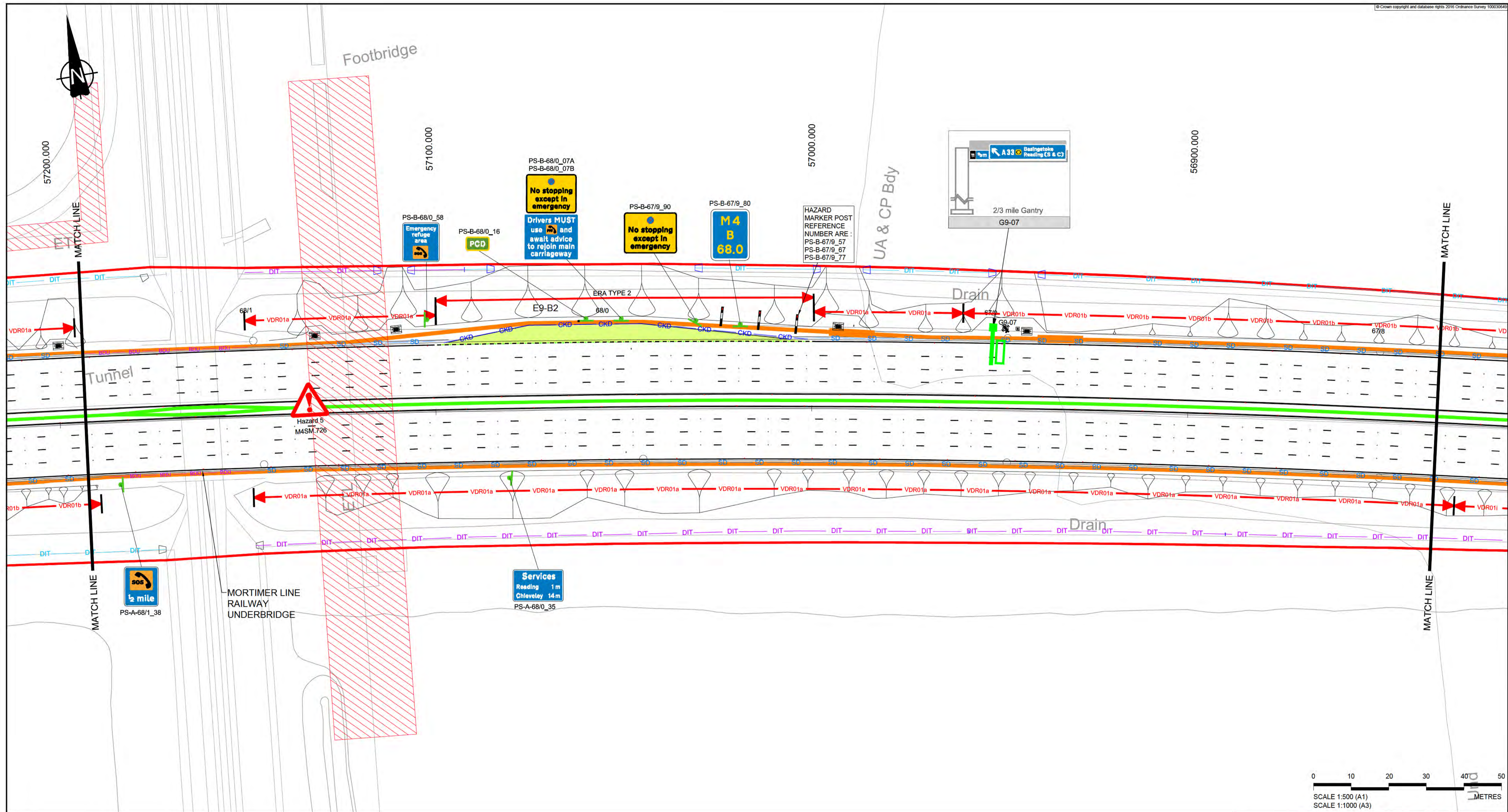
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
 SHEET 16 OF 91
 CONTRACT 1
 CH 57550 TO 57190

| | | | |
|----------------|------------------------------|---------------|--------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN 1 Originator CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1016 | Original Size | A1 |



NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

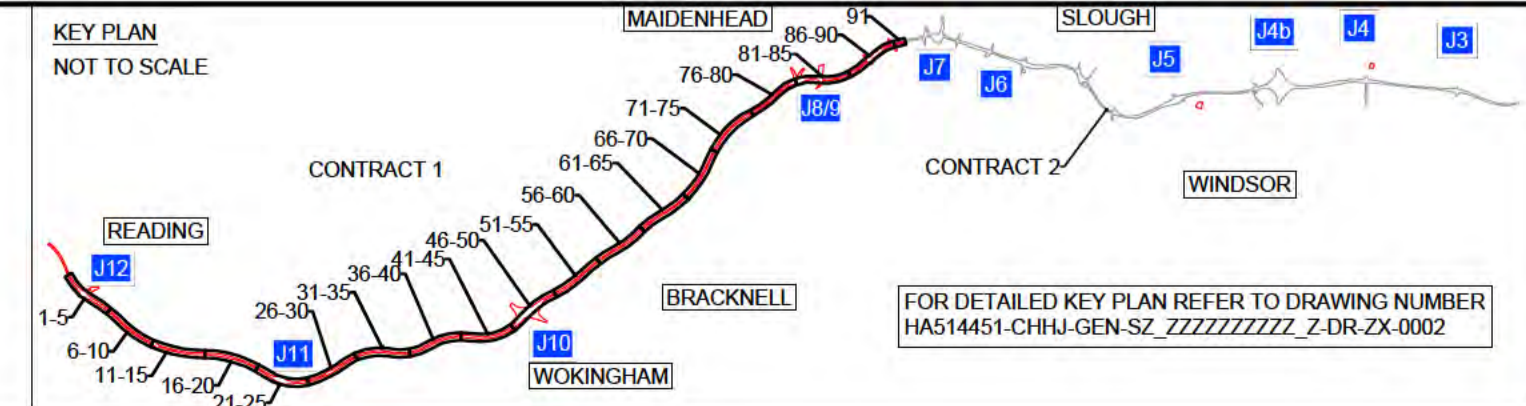
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Construction

1. WORKING ADJACENT TO RAILWAY LINE
2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
3. RESTRICTED HEIGHT CLEARANCE
4. SIGNIFICANT FLORA OR FAUNA INTERACTION
5. OVERHEAD POWER LINE
6. GROUND CONTAMINATION
7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
8. SIGNIFICANT TRAFFIC INTERACTION
9. GROUNDWATER OR FLOODWATER INTERACTION
10. CONFLICT WITH ACCESS
11. ABNORMAL GROUND CONDITIONS
12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|---------|---------|
| 001 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



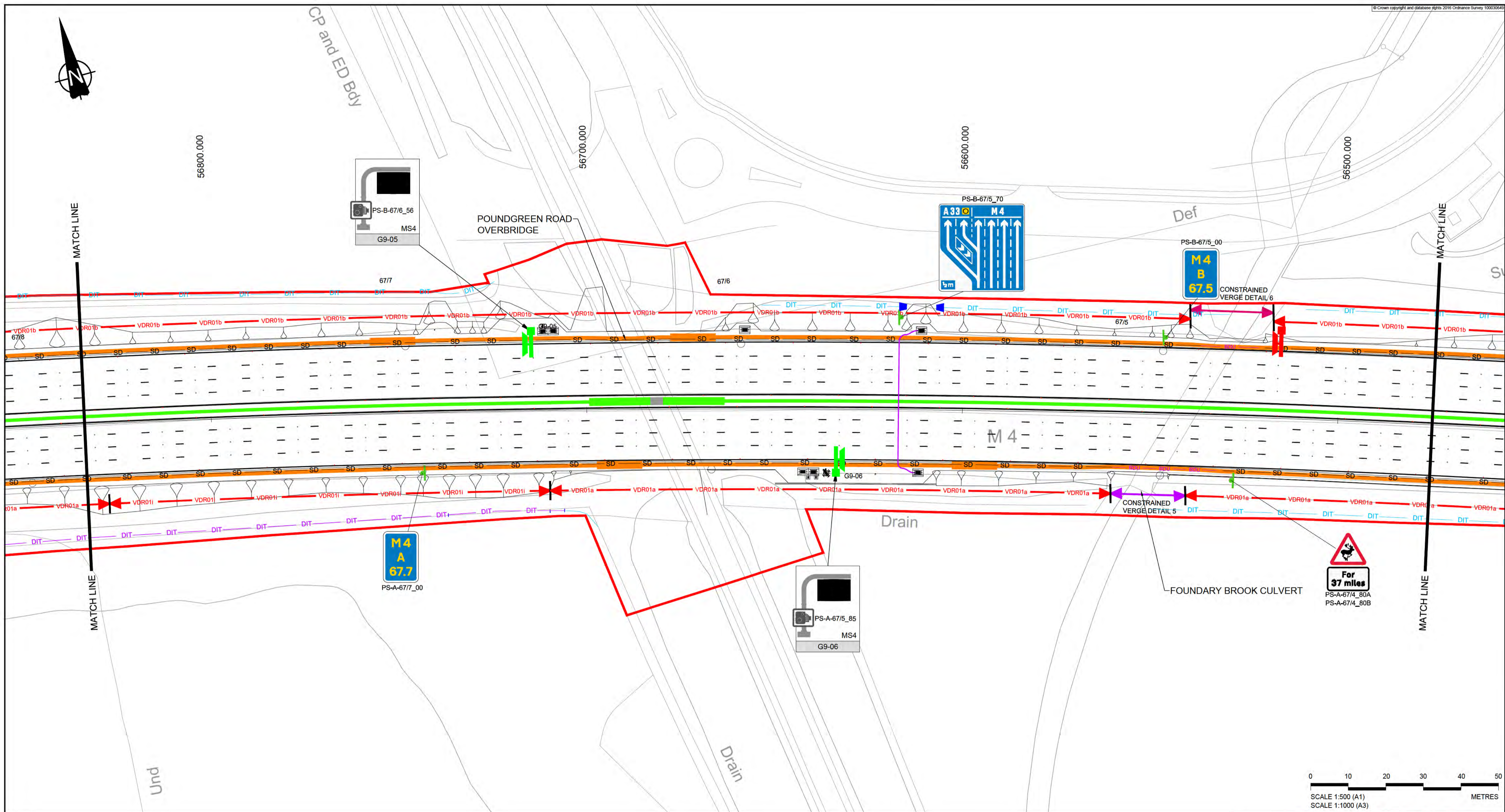
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 17 OF 91
CONTRACT 1
CH 57190 TO 56830

| | | | |
|----------------|------------------------------|---------------|--------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN 1 Originator CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1017 | Original Size | A1 |

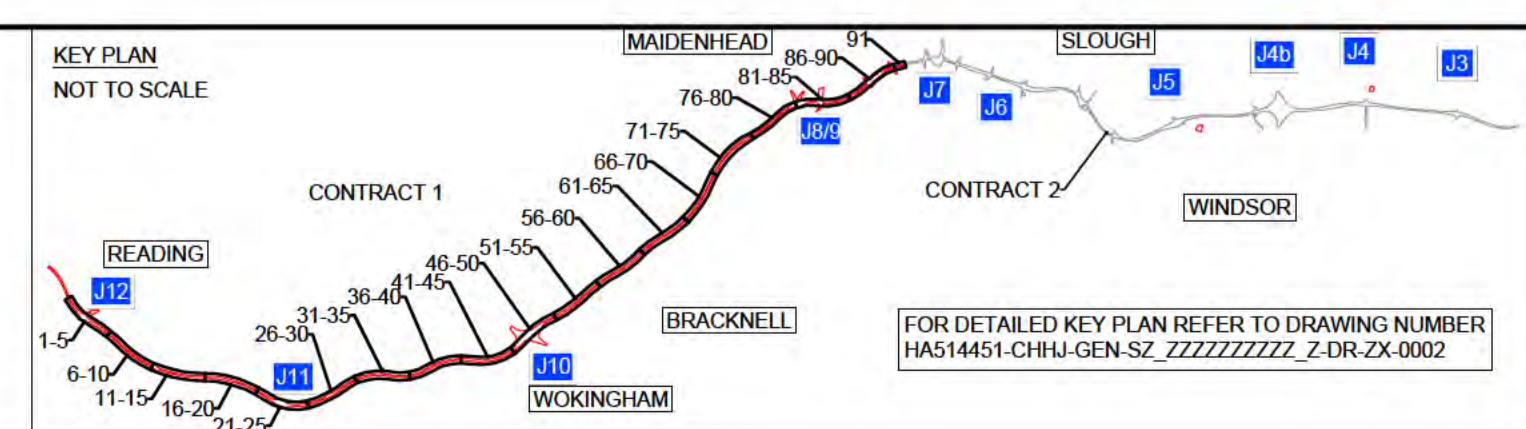


NOTES
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- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
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 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|---------|--------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Appr'd |
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |

CONSTRUCTION



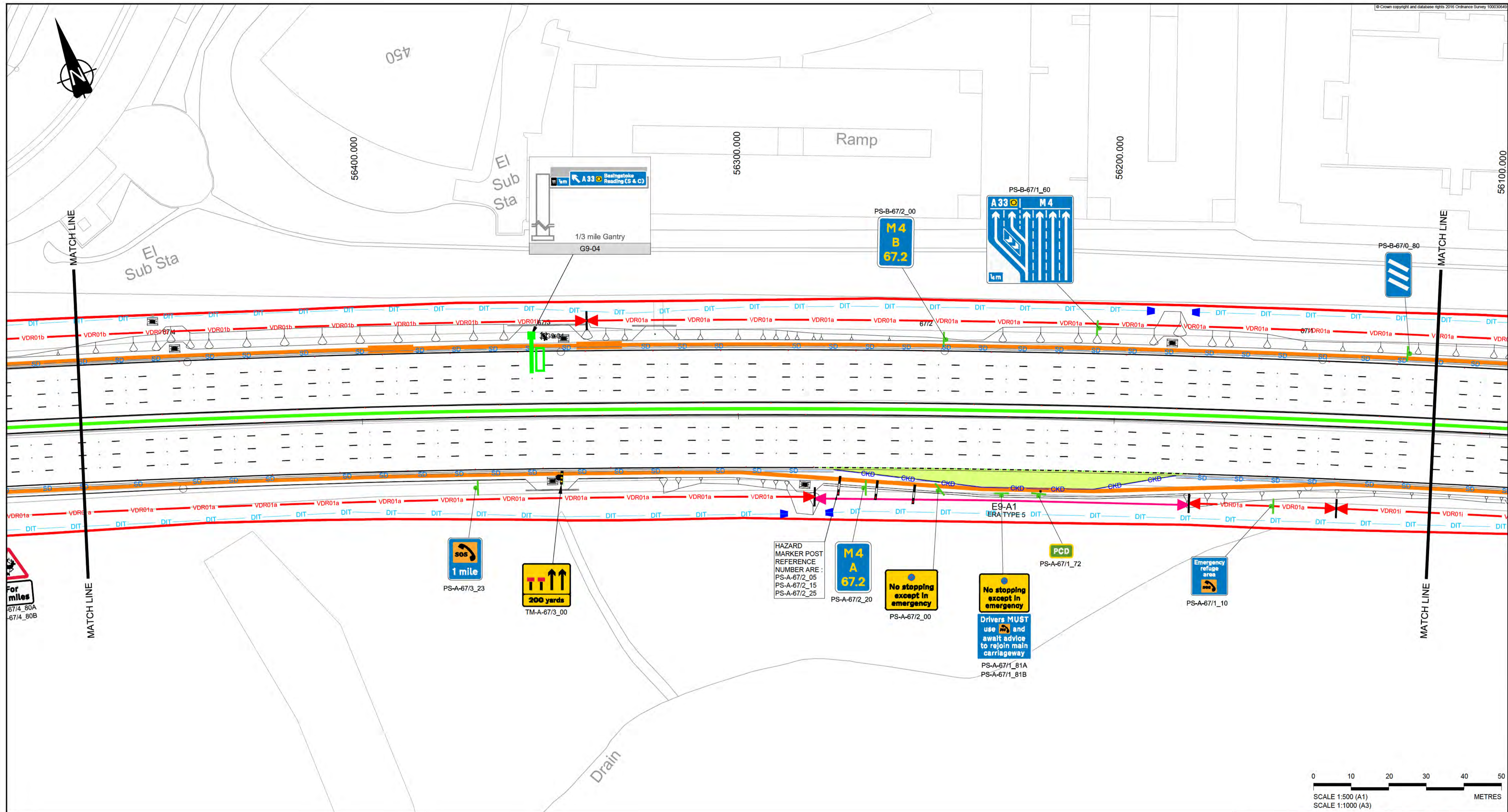
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
 SHEET 18 OF 91
 CONTRACT 1
 CH 56830 TO 56475

| | | | |
|----------------|------------------------------|-------------------|----------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1018 | Volume Location | Type Role Number |



NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

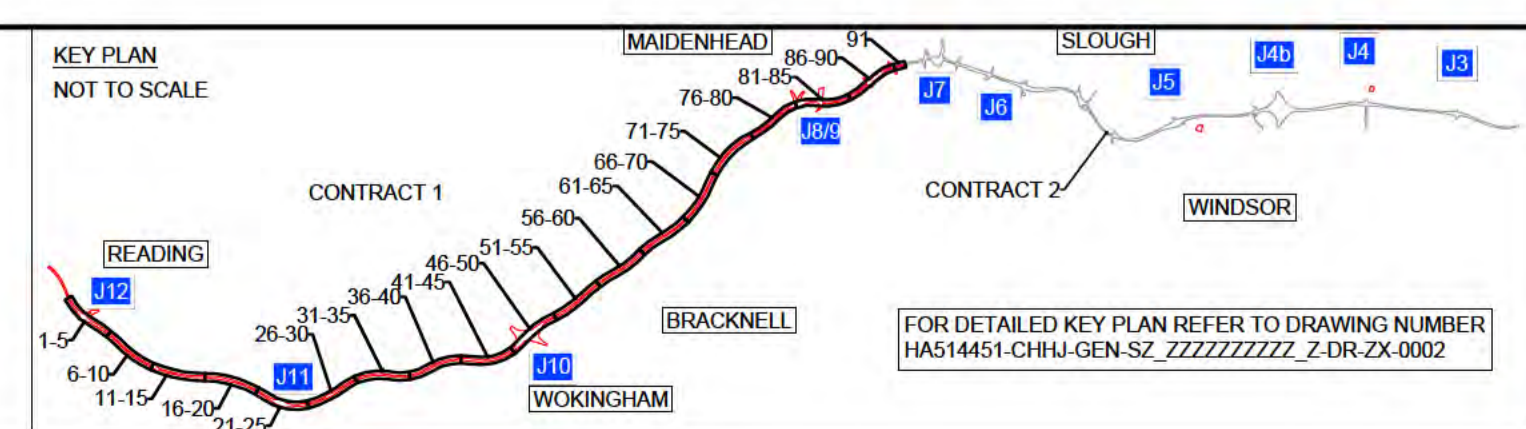
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Construction

1. WORKING ADJACENT TO RAILWAY LINE
2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
3. RESTRICTED HEIGHT CLEARANCE
4. SIGNIFICANT FLORA OR FAUNA INTERACTION
5. OVERHEAD POWER LINE
6. GROUND CONTAMINATION
7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
8. SIGNIFICANT TRAFFIC INTERACTION
9. GROUNDWATER OR FLOODWATER INTERACTION
10. CONFLICT WITH ACCESS
11. ABNORMAL GROUND CONDITIONS
12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|---------|---------|
| 001 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



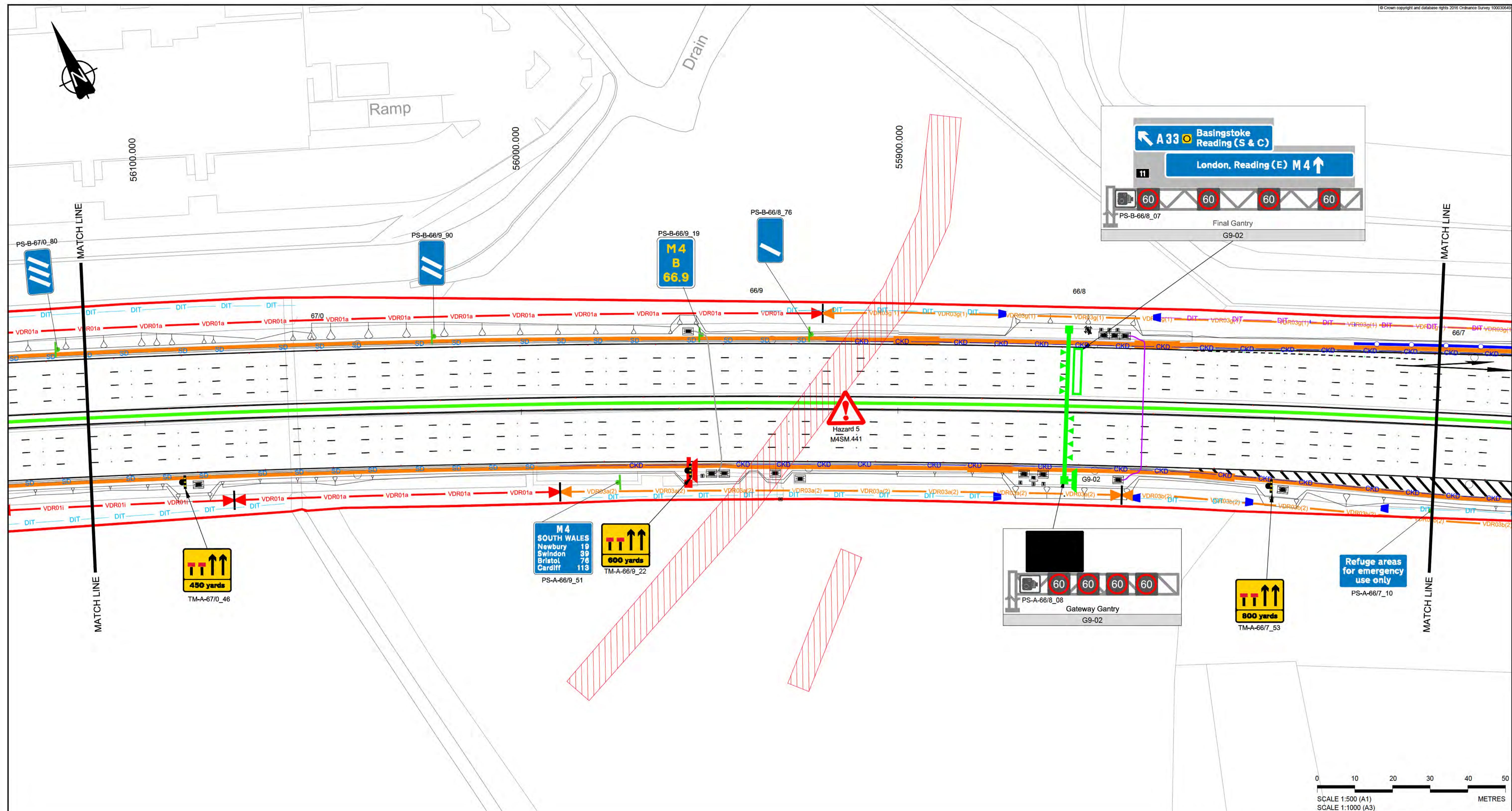
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 19 OF 91
CONTRACT 1
CH 56475 TO 56115

| | | | |
|----------------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1019 | Originator | CHHJ |
| Volume Location | 1 19 | Original Size | A1 |
| Type Role Number | | | |

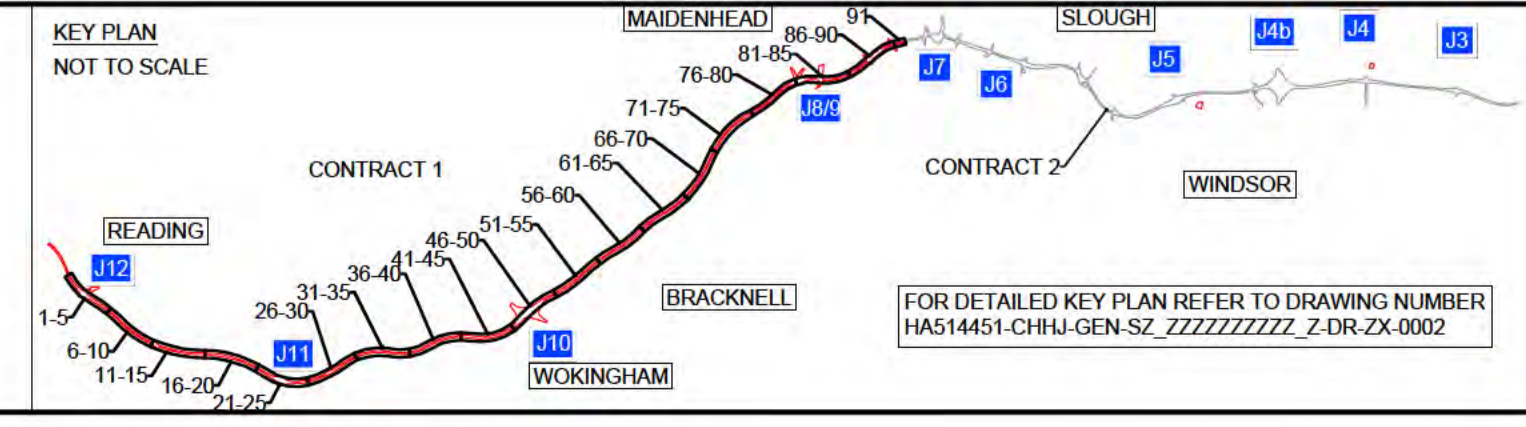


NOTES
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- Construction**
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|-----|--------|------------|------------------------|-------|---------|--------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Appr'd |

CONSTRUCTION



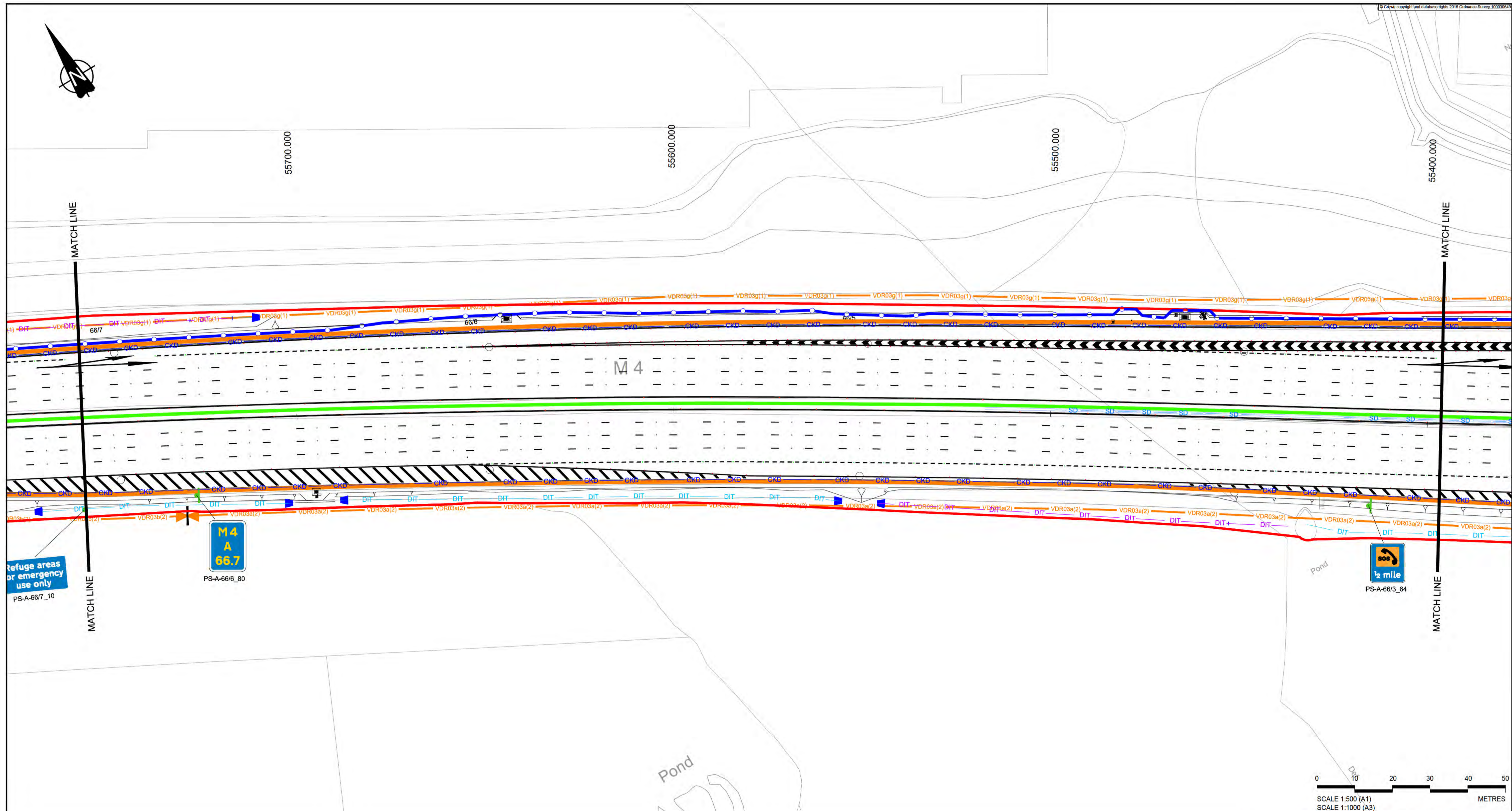
Client

DELIVERING THROUGH
ch2m **ARCADIS**

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 20 OF 91
CONTRACT 1
CH 56115 TO 55760

| | | | |
|----------------|------------------------------|----------------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHHJ |
| Drawing number | Volume Location | Type Role Number | |
| | HGN-S1_ML000000_Z-DR-CH-1020 | | A1 |



NOTES

- REFER TO SHEET 0 FOR KEY AND NOTES

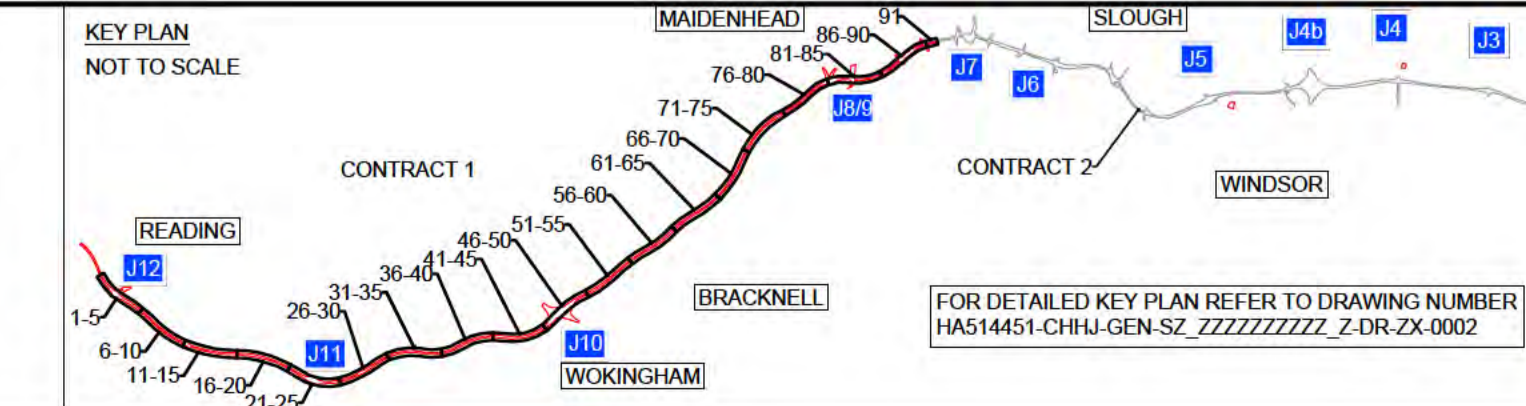
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

The following notes highlight significant (ie unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.

- Construction**
- WORKING ADJACENT TO RAILWAY LINE
 - TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 - RESTRICTED HEIGHT CLEARANCE
 - SIGNIFICANT FLORA OR FAUNA INTERACTION
 - OVERHEAD POWER LINE
 - GROUND CONTAMINATION
 - SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 - SIGNIFICANT TRAFFIC INTERACTION
 - GROUNDWATER OR FLOODWATER INTERACTION
 - CONFLICT WITH ACCESS
 - ABNORMAL GROUND CONDITIONS
 - EXISTING LIGHTING REMOVAL

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| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Appr'd |

CONSTRUCTION



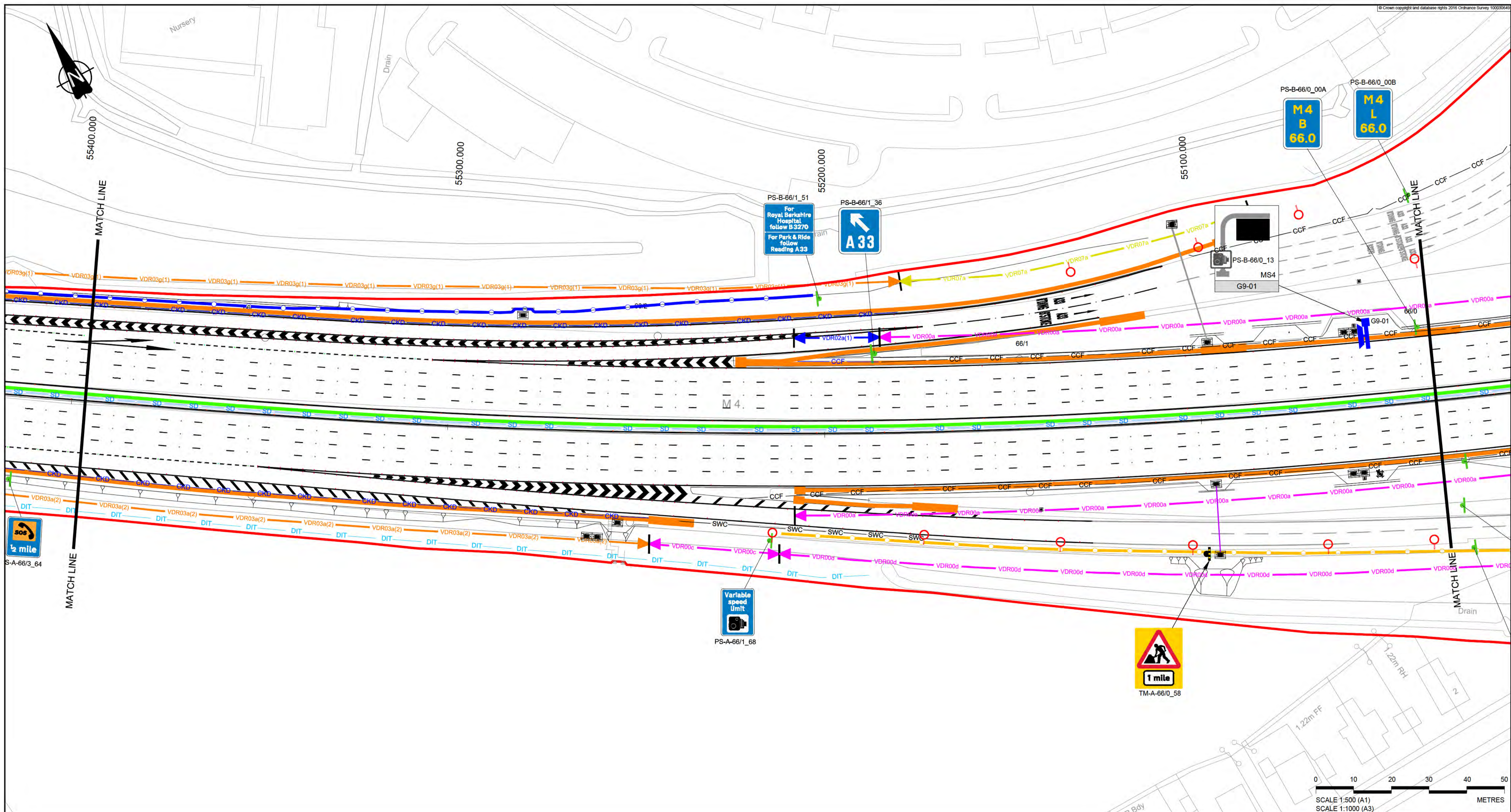
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 21 OF 91
CONTRACT 1
CH 55760 TO 55395

| | | | |
|----------------------|------------------------------|-------------------|------------|
| Status | S4 | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | | Checked By | |
| Approved By | | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1021 | Volume Location | |
| Type Role Number | | | |

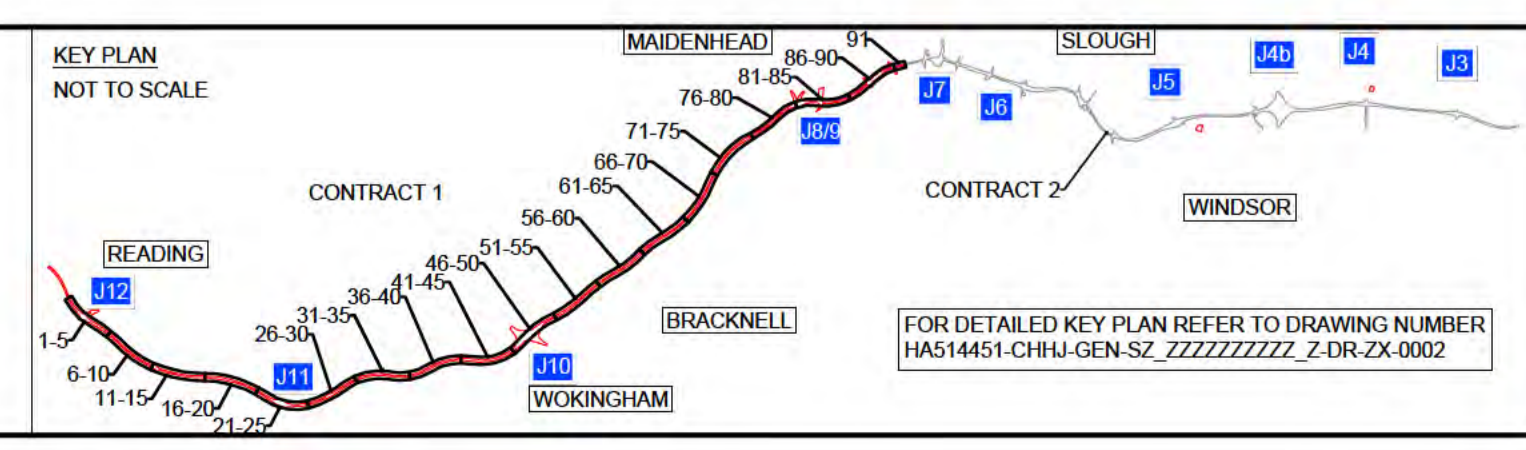


NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

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- WORKING ADJACENT TO RAILWAY LINE
 - TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 - RESTRICTED HEIGHT CLEARANCE
 - SIGNIFICANT FLORA OR FAUNA INTERACTION
 - OVERHEAD POWER LINE
 - GROUND CONTAMINATION
 - SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 - SIGNIFICANT TRAFFIC INTERACTION
 - GROUNDWATER OR FLOODWATER INTERACTION
 - CONFLICT WITH ACCESS
 - ABNORMAL GROUND CONDITIONS
 - EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|---------|--------|
| 001 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Appr'd |

CONSTRUCTION



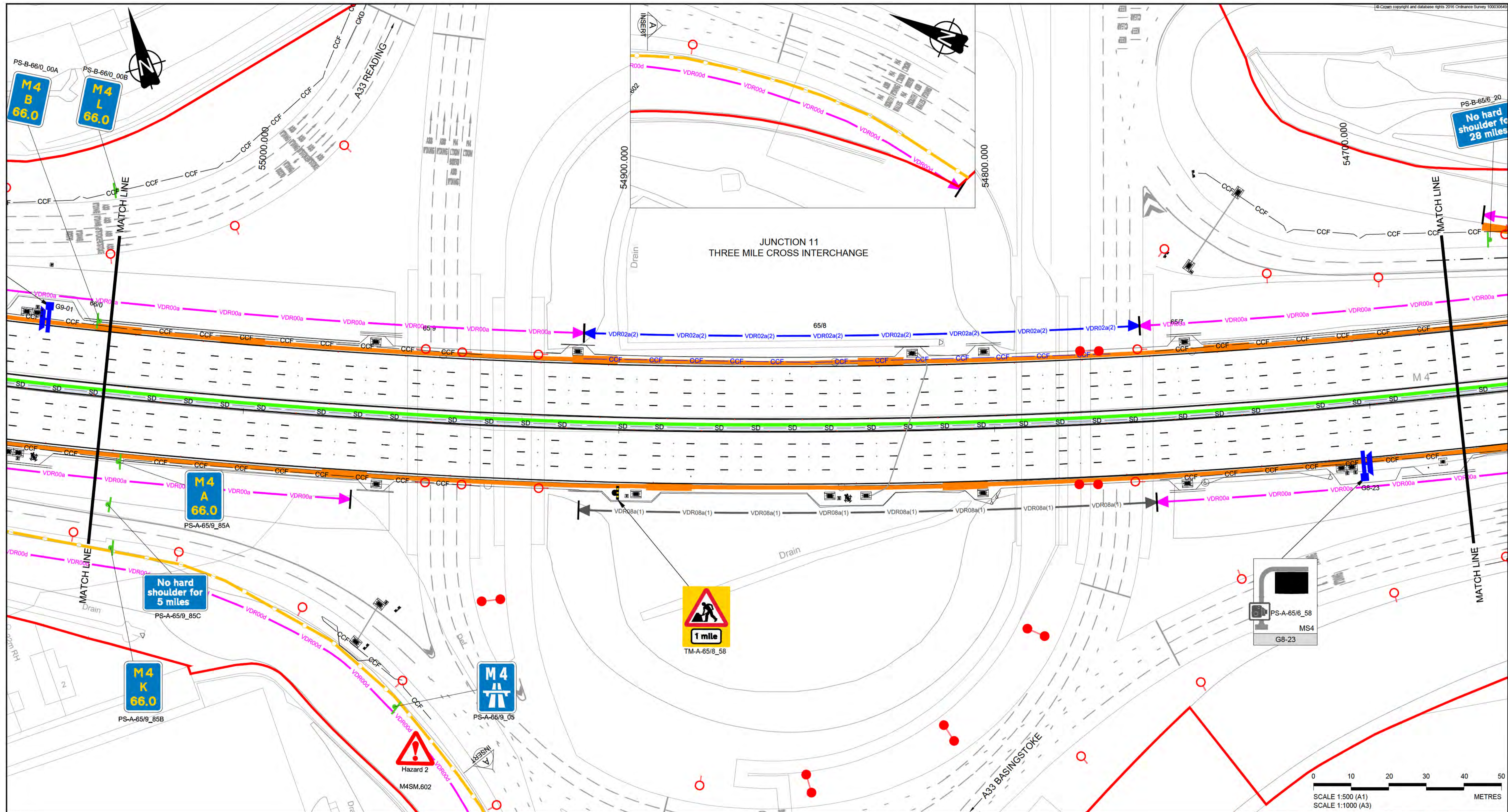
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 22 OF 91
CONTRACT 1
CH 55395 TO 55035

| | | | |
|----------------|------------------------------|---------------|--------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN 1 Originator CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1022 | Original Size | A1 |



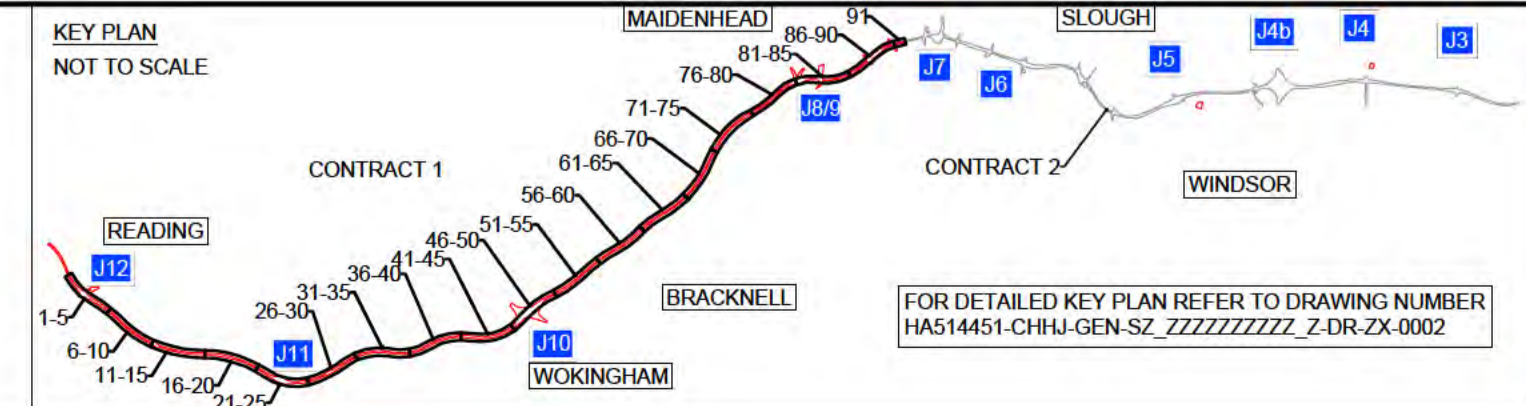
NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
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 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|---------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |

CONSTRUCTION



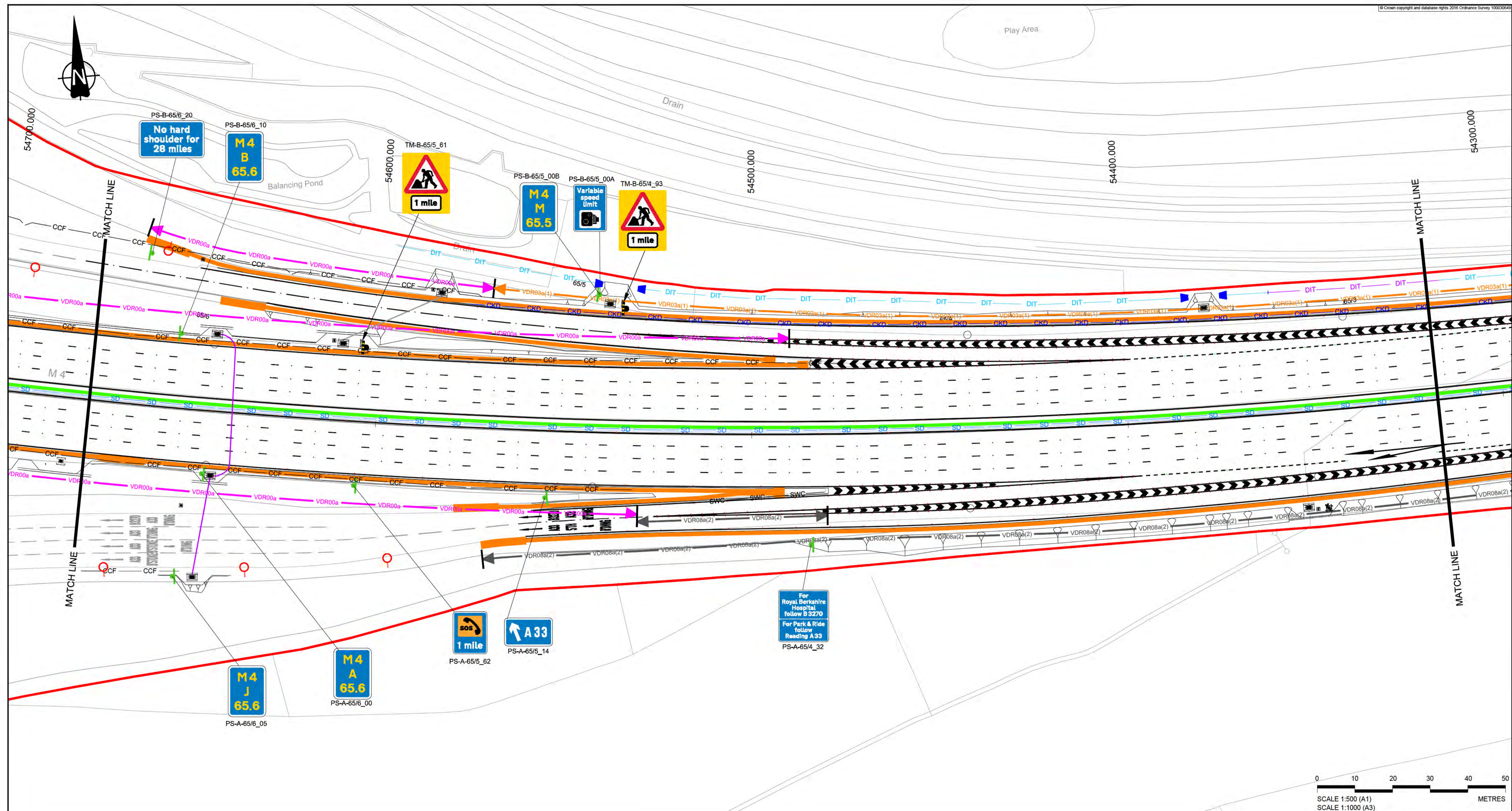
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DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 23 OF 91
CONTRACT 1
CH 55035 TO 54675

| | | | |
|------------------------------|-------------------|----------------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHHJ |
| Drawing number | Volume Location | Type Role Number | |
| HGN-S1_ML000000_Z-DR-CH-1023 | | | |



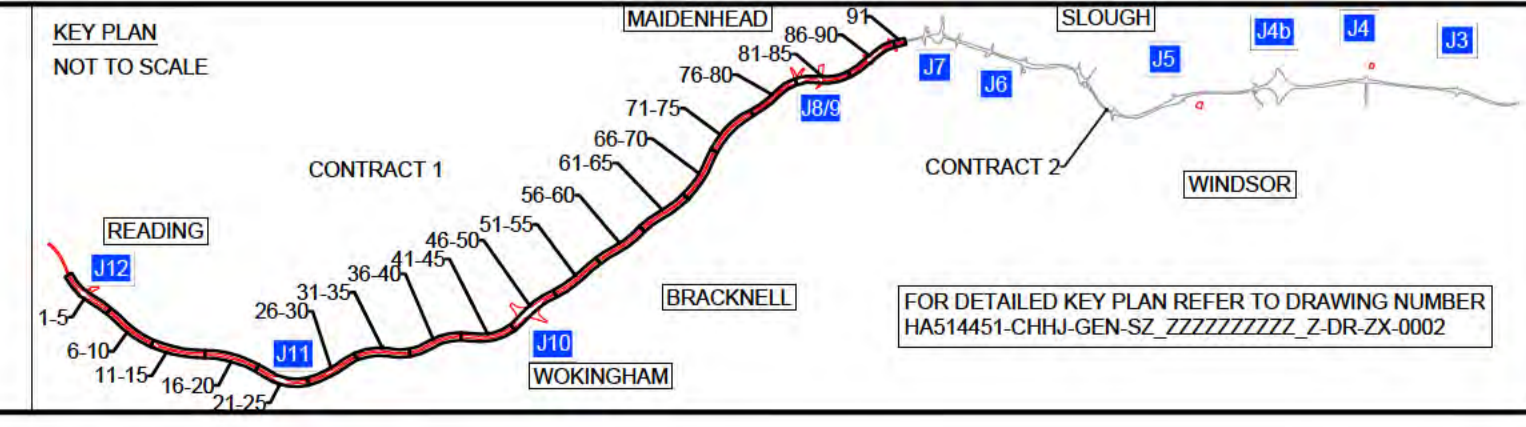
NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

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- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|---------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |

CONSTRUCTION



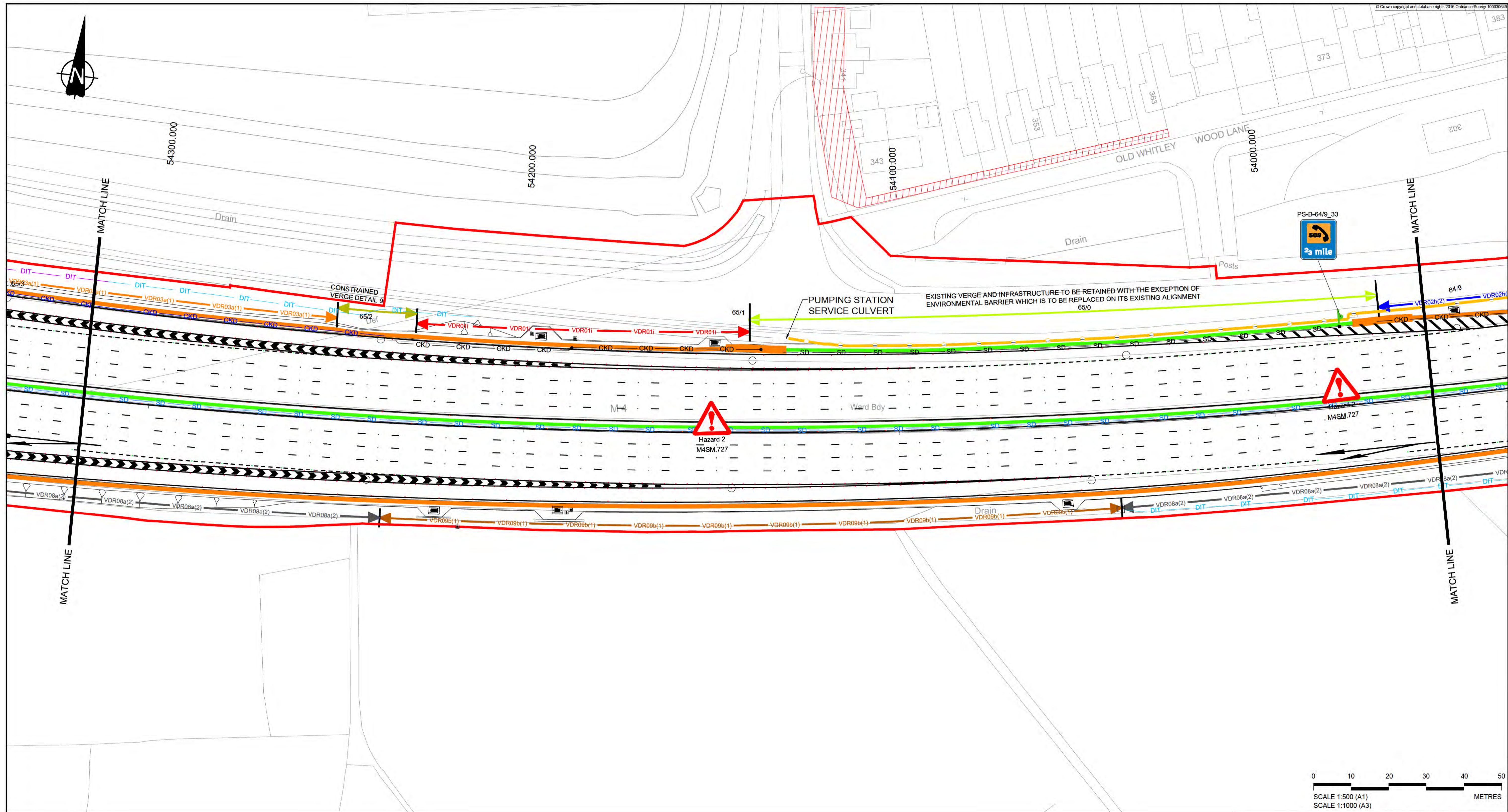
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 24 OF 91
CONTRACT 1
CH 54675 TO 54315

| | | | |
|----------------|------------------------------|-------------------|-------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1024 | Volume Location | 1 Role Number |
| Original Size | A1 | | |



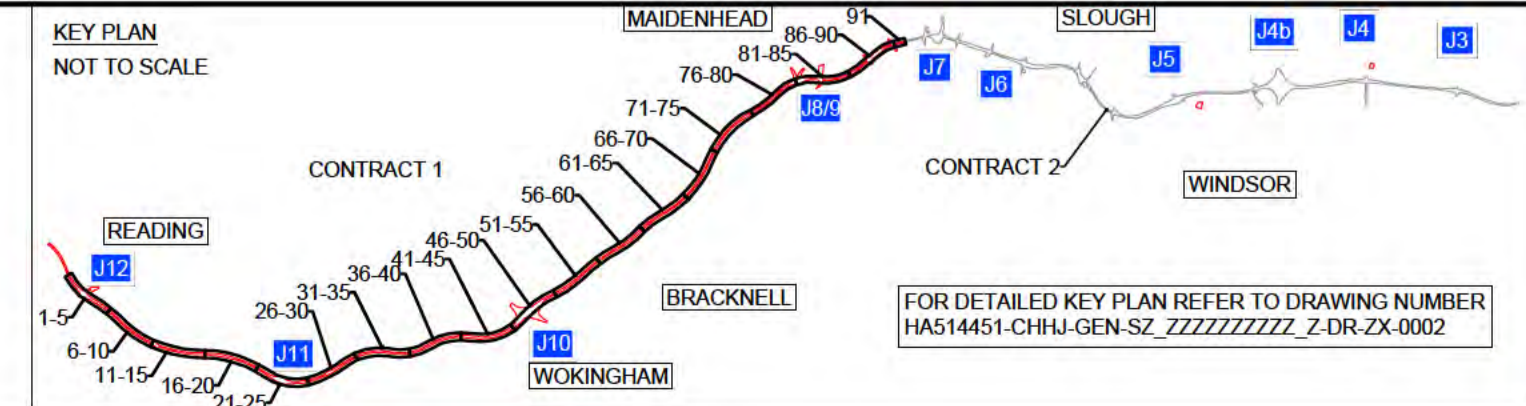
NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
 The following notes highlight significant (ie unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.

- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|---------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION

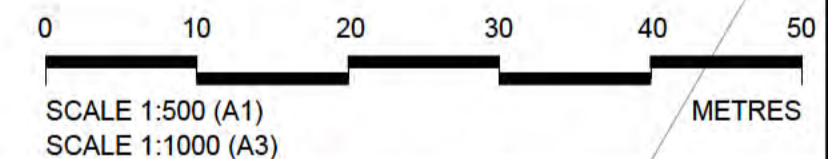
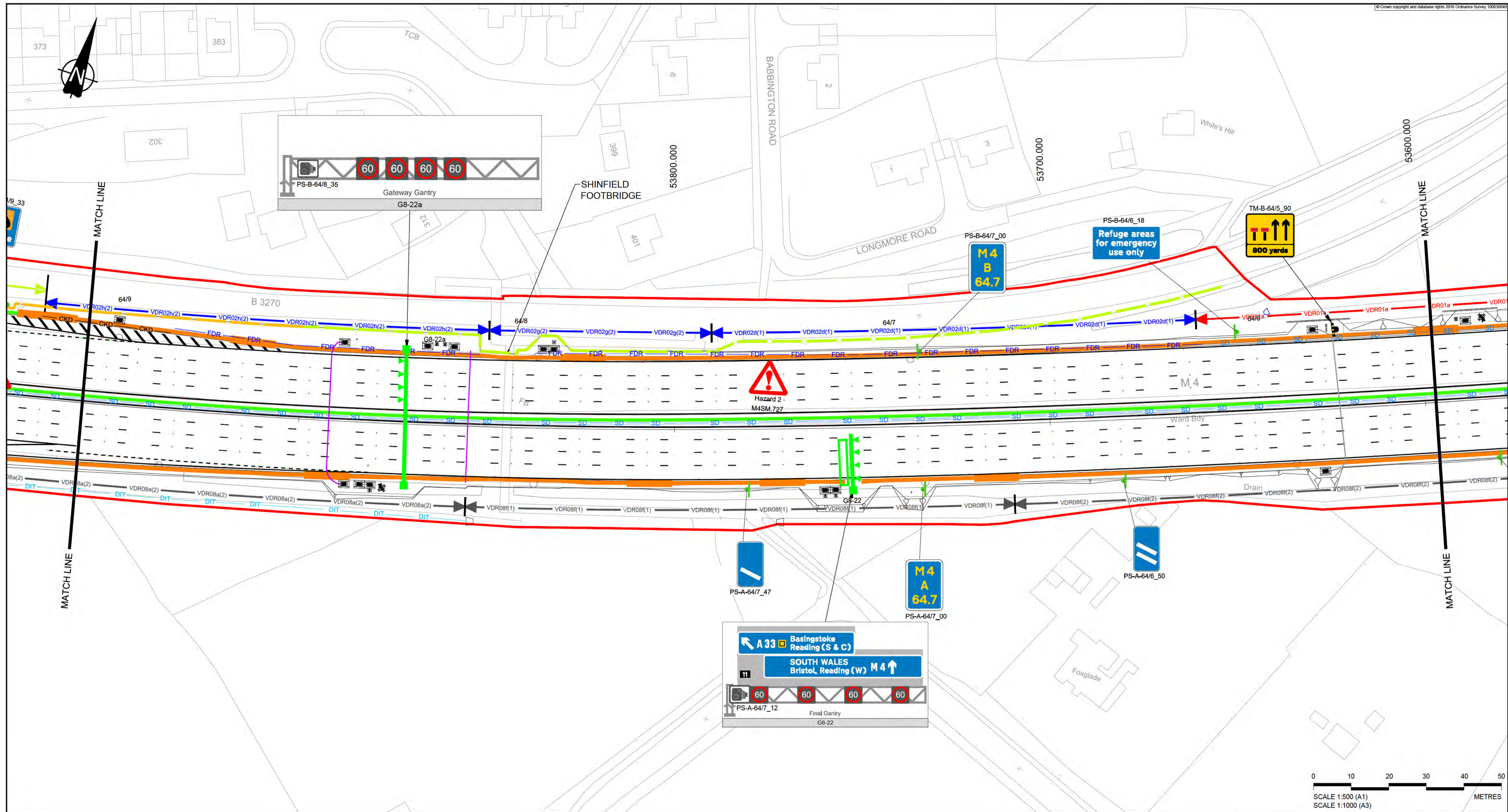


Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12
 Drawing title GENERAL ARRANGEMENT
 SHEET 25 OF 91
 CONTRACT 1
 CH 54315 TO 53960

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|-------------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Volume Location | HGN-S1_ML000000_Z-DR-CH-1025 | | |

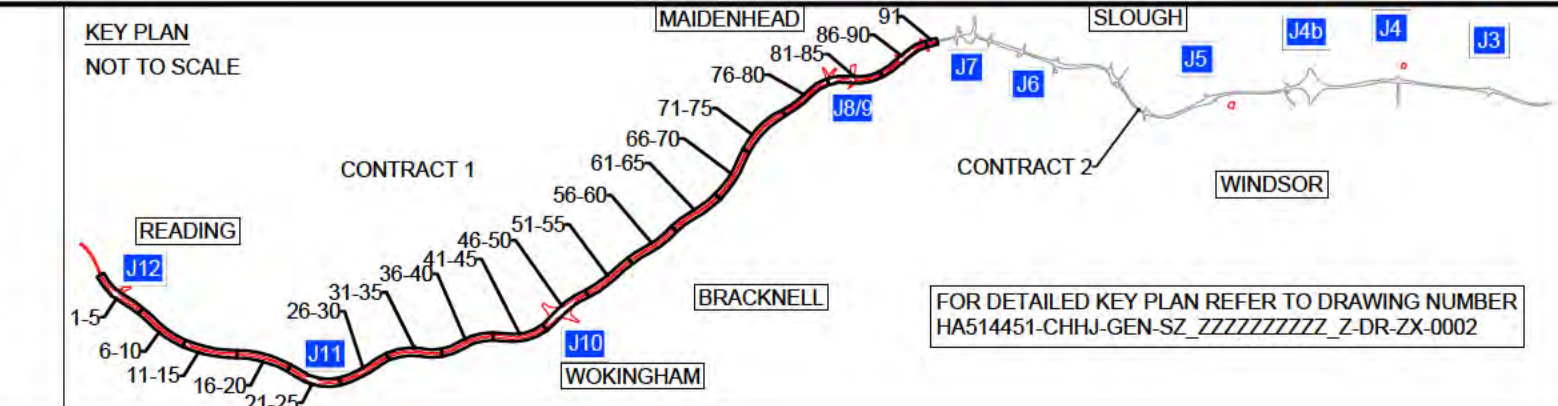


NOTES
1. REFER TO SHEET 0 FOR KEY AND NOTES

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 - RESTRICTED HEIGHT CLEARANCE
 - SIGNIFICANT FLORA OR FAUNA INTERACTION
 - OVERHEAD POWER LINE
 - GROUND CONTAMINATION
 - SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 - SIGNIFICANT TRAFFIC INTERACTION
 - GROUNDWATER OR FLOODWATER INTERACTION
 - CONFLICT WITH ACCESS
 - ABNORMAL GROUND CONDITIONS
 - EXISTING LIGHTING REMOVAL

| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |
|-----|--------|------------|------------------------|-------|-------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |

CONSTRUCTION



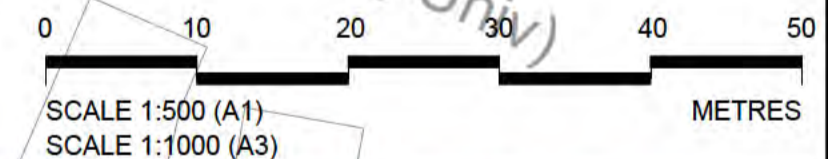
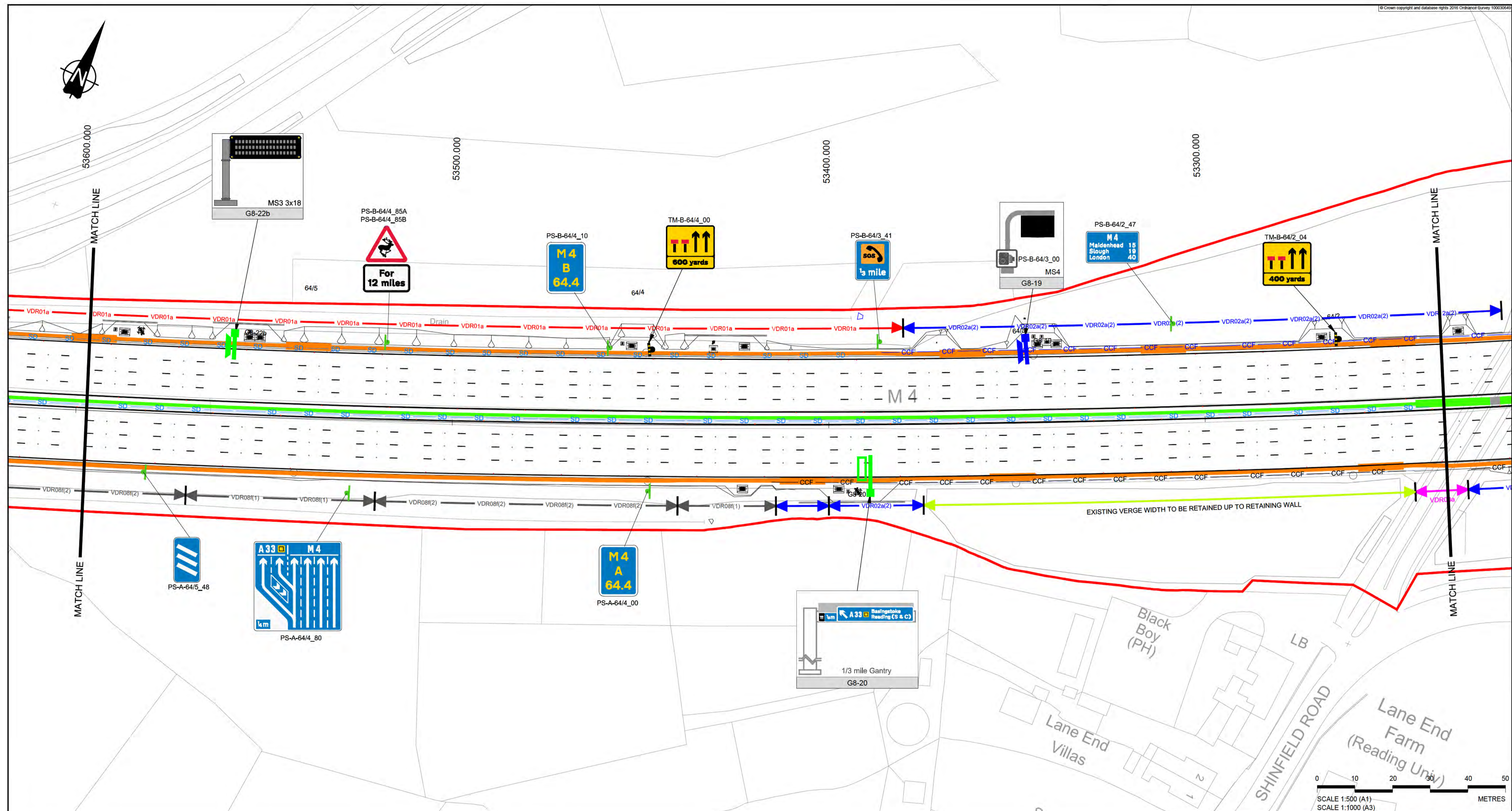
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 26 OF 91
CONTRACT 1
CH 53960 TO 53595

| Status | Revision |
|---|--|
| A | C01 |
| Scale 1:500 | Date 06/07/2018 |
| Drawn By | Checked By |
| Approved By | Project No. |
| HA PIN | Originator |
| CHHJ | CHHJ |
| Original Size A1 | |
| Drawing number HGN-S1_ML000000_Z-DR-CH-1026 | Volume Location Type Role Number |

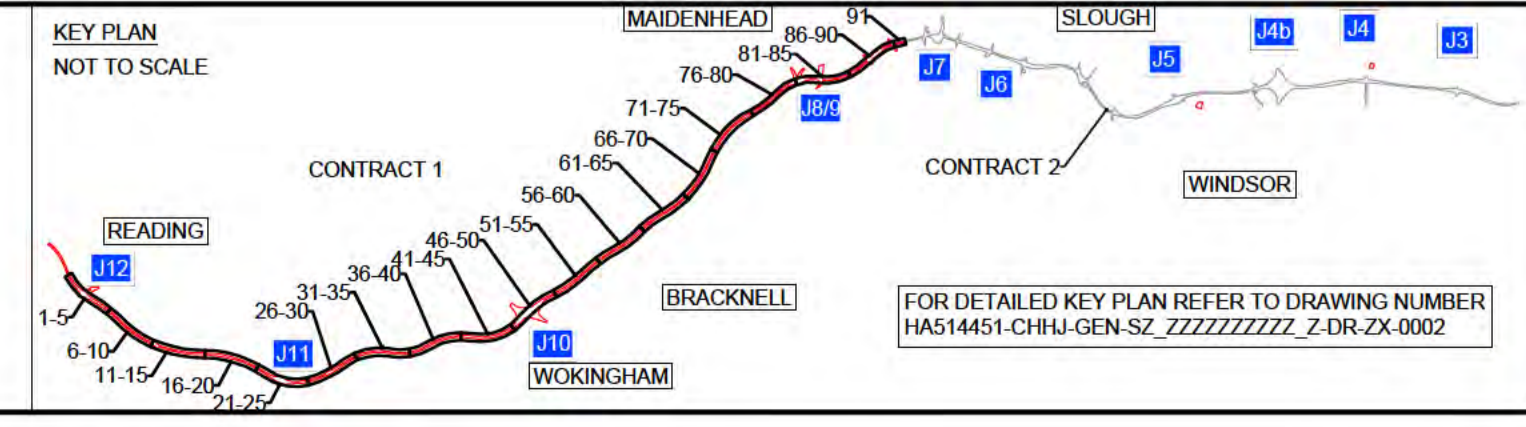


NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

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 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|-------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



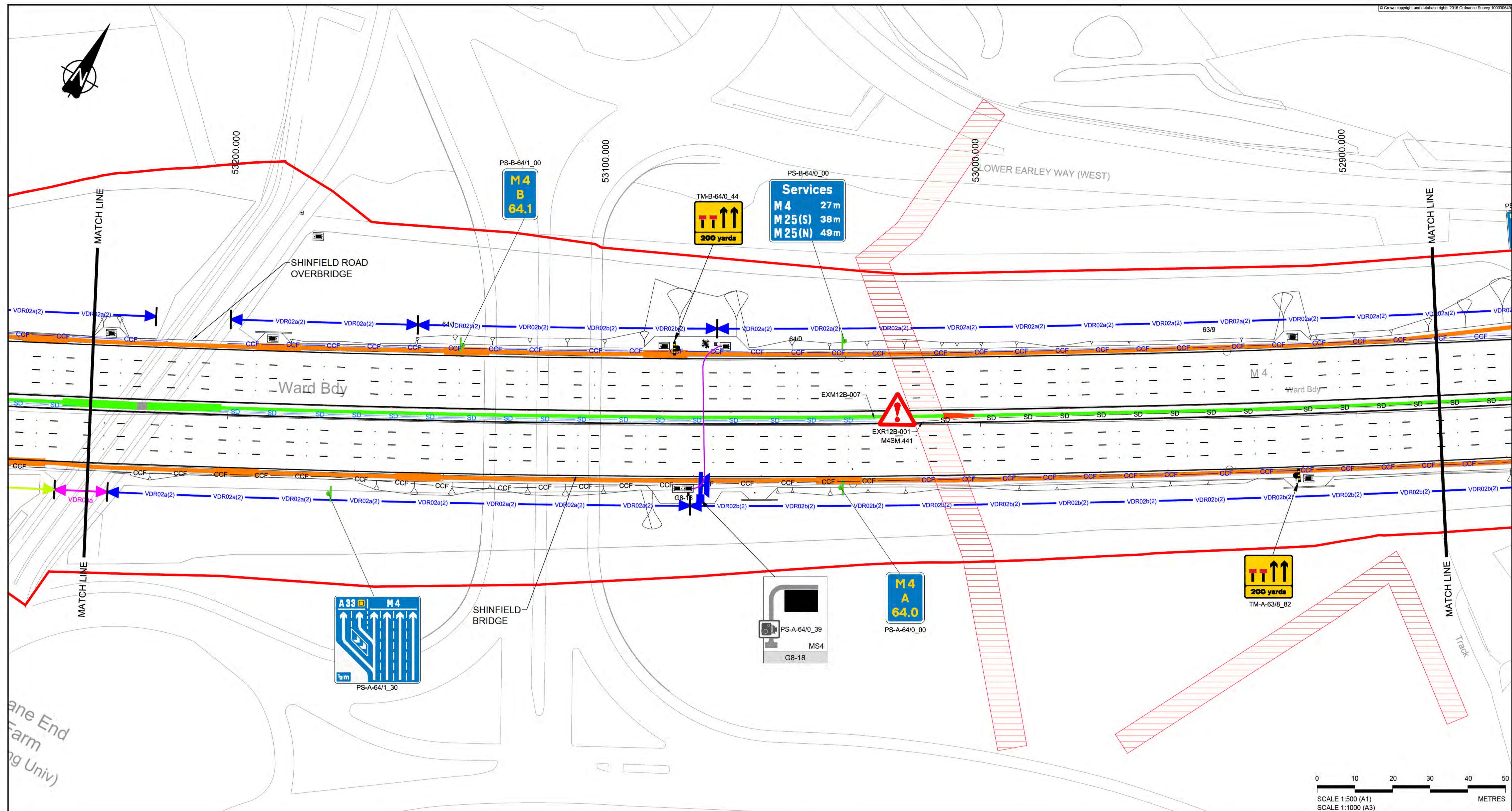
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DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 27 OF 91
CONTRACT 1
CH 53595 TO 53235

| | | | |
|-------------------|------------------------------|---------------|----------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Volume Location | HGN-S1_ML000000_Z-DR-CH-1027 | | Type Role Number |



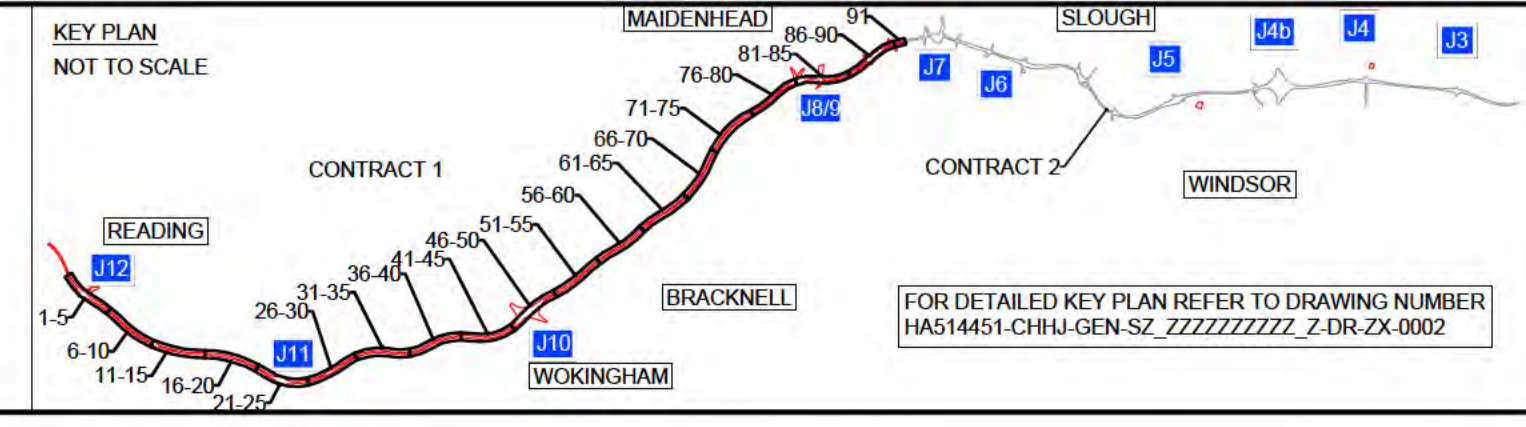
NOTES

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| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



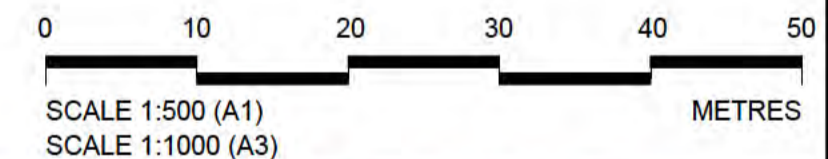
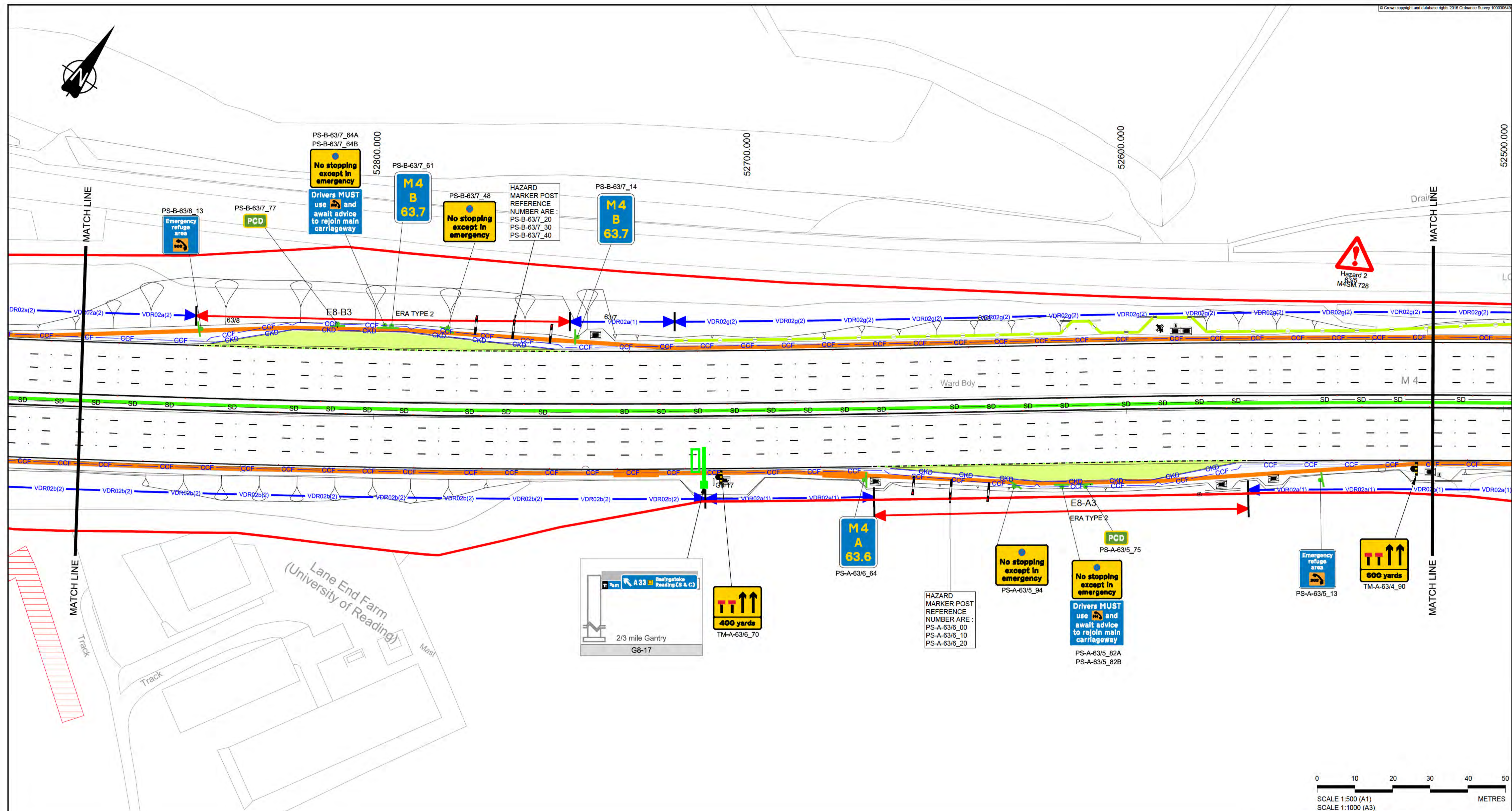
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 28 OF 91
CONTRACT 1
CH 53235 TO 52880

| | | | |
|----------------|------------------------------|-------------------|----------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1028 | Volume Location | Type Role Number |



NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

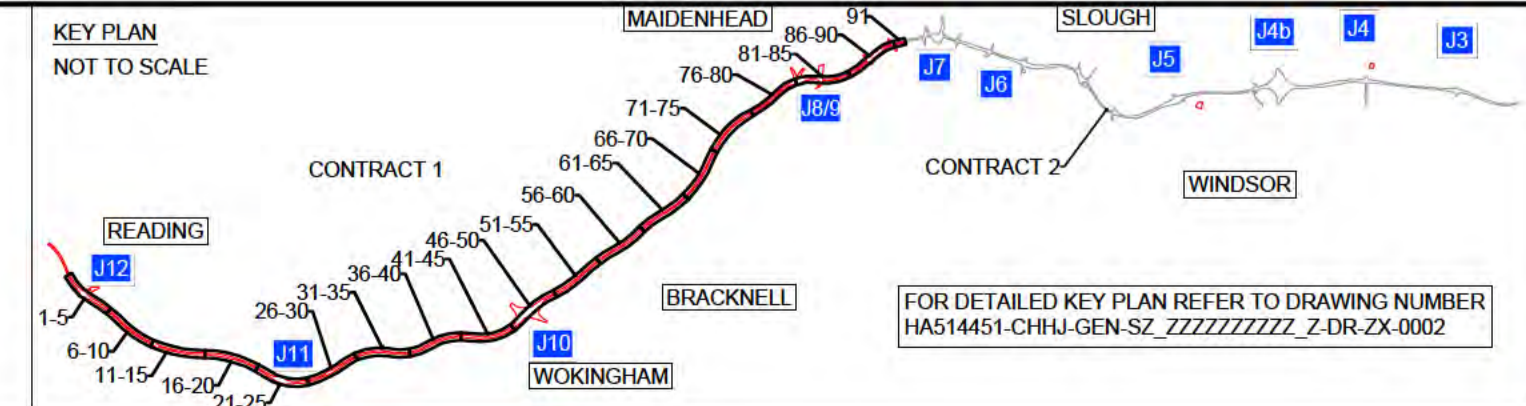
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|---------|--------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Appr'd |

CONSTRUCTION



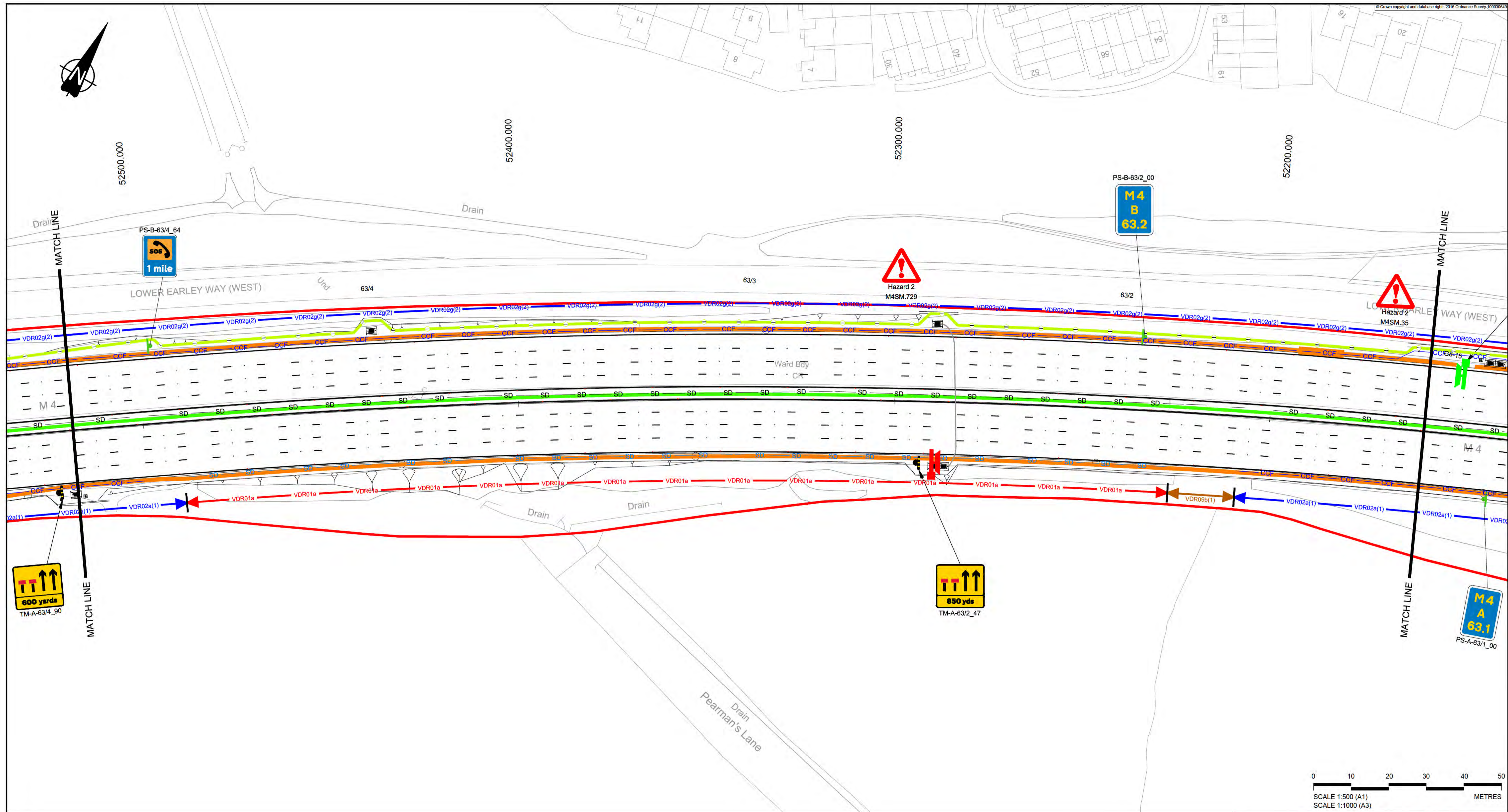
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DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 29 OF 91
CONTRACT 1
CH 52880 TO 52520

| | | | |
|----------------------|------------------------------|-------------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
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| Type Role Number | | Original Size | A1 |

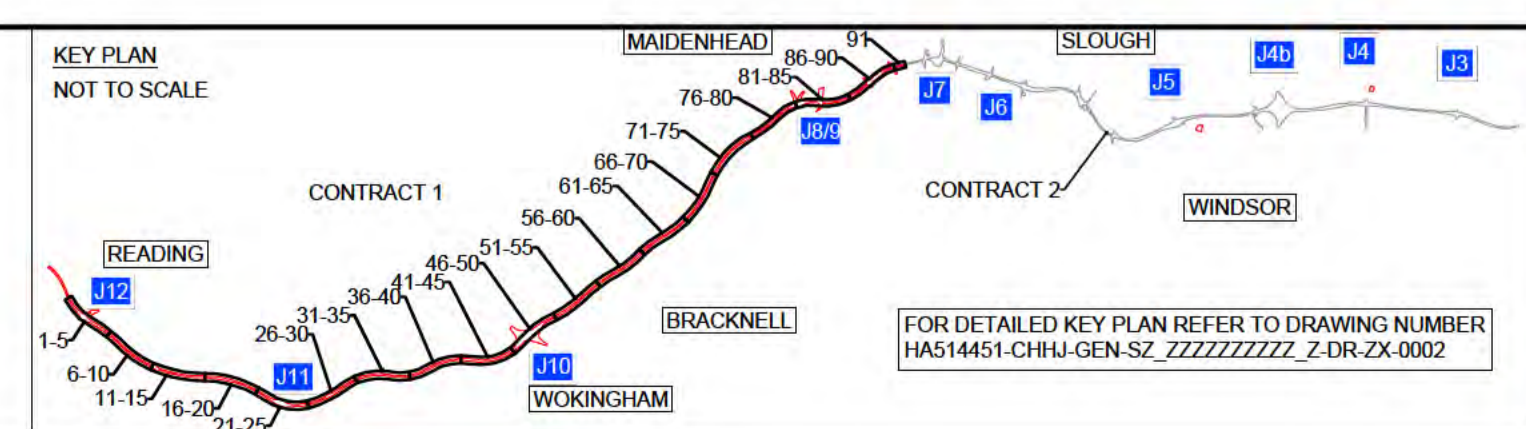


NOTES
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 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|---------|--------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Appr'd |

CONSTRUCTION



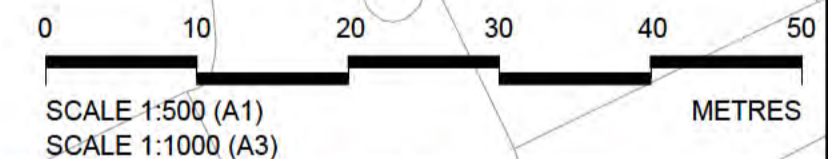
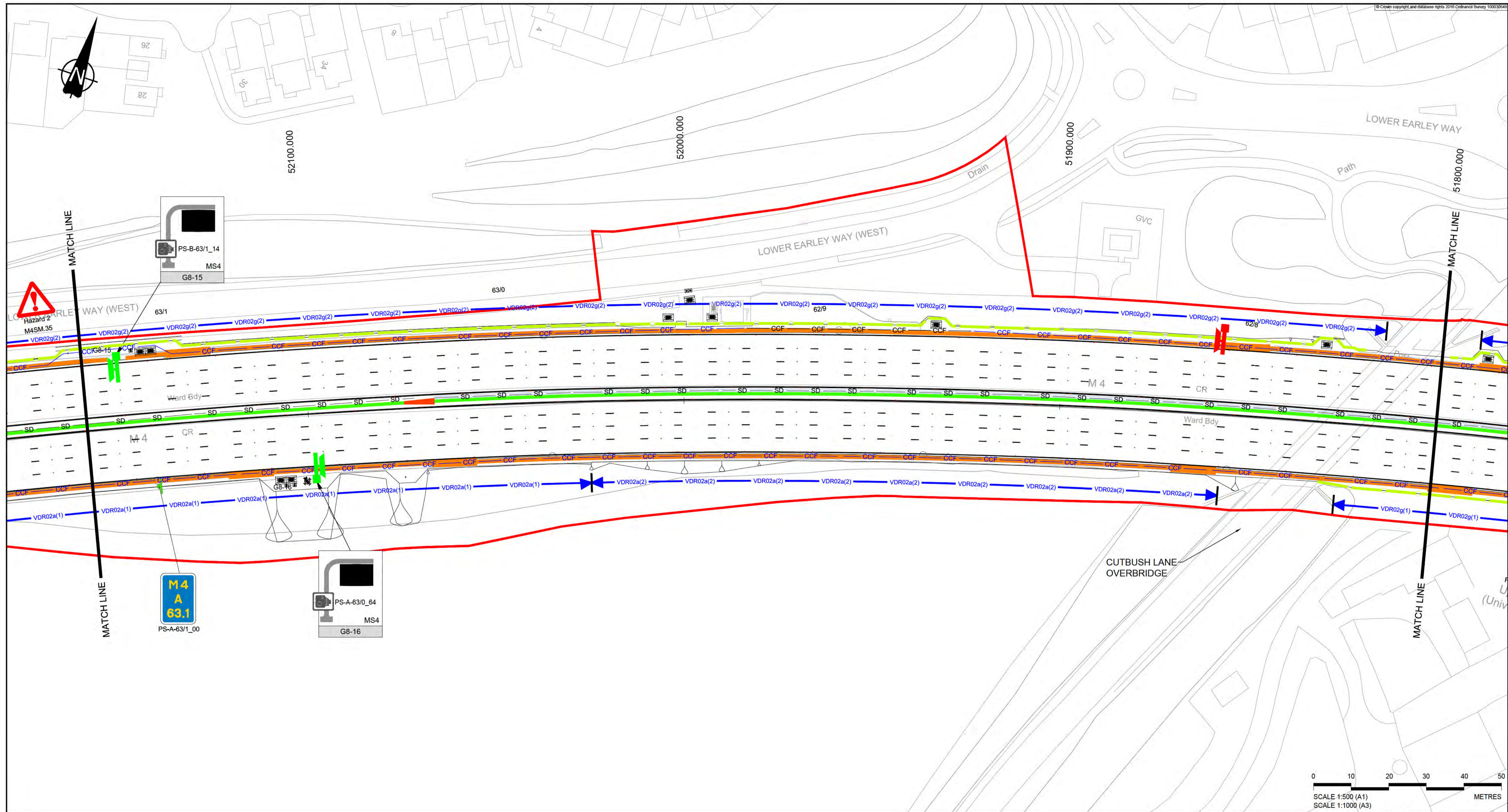
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
 SHEET 30 OF 91
 CONTRACT 1
 CH 52520 TO 52160

| | | | |
|----------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | | Checked By | |
| Approved By | | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1030 | | |



NOTES
1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

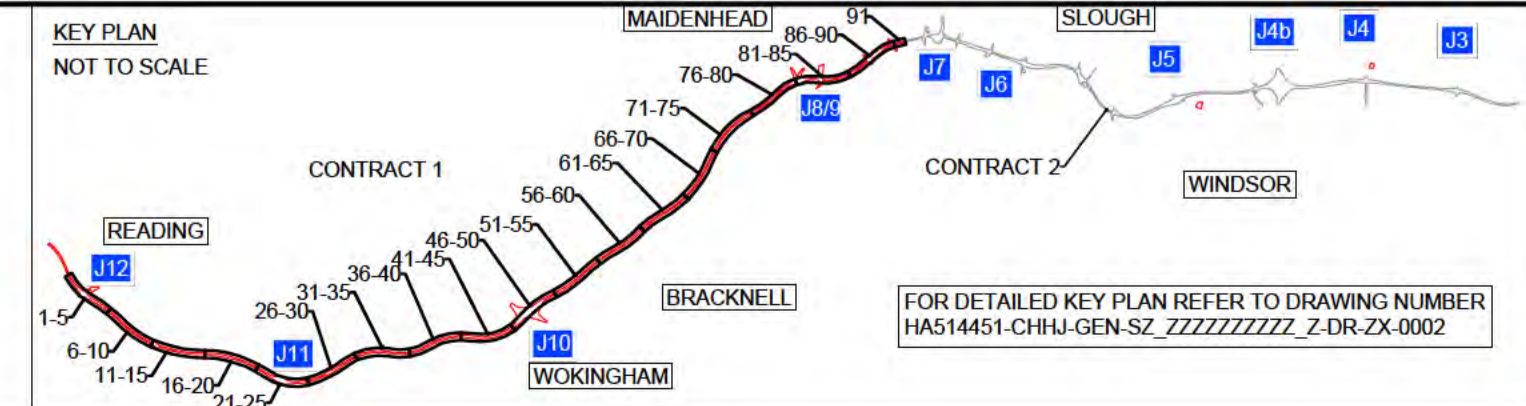
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Construction

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8. SIGNIFICANT TRAFFIC INTERACTION
9. GROUNDWATER OR FLOODWATER INTERACTION
10. CONFLICT WITH ACCESS
11. ABNORMAL GROUND CONDITIONS
12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|---------|
| 001 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



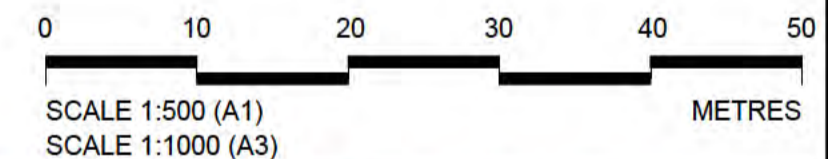
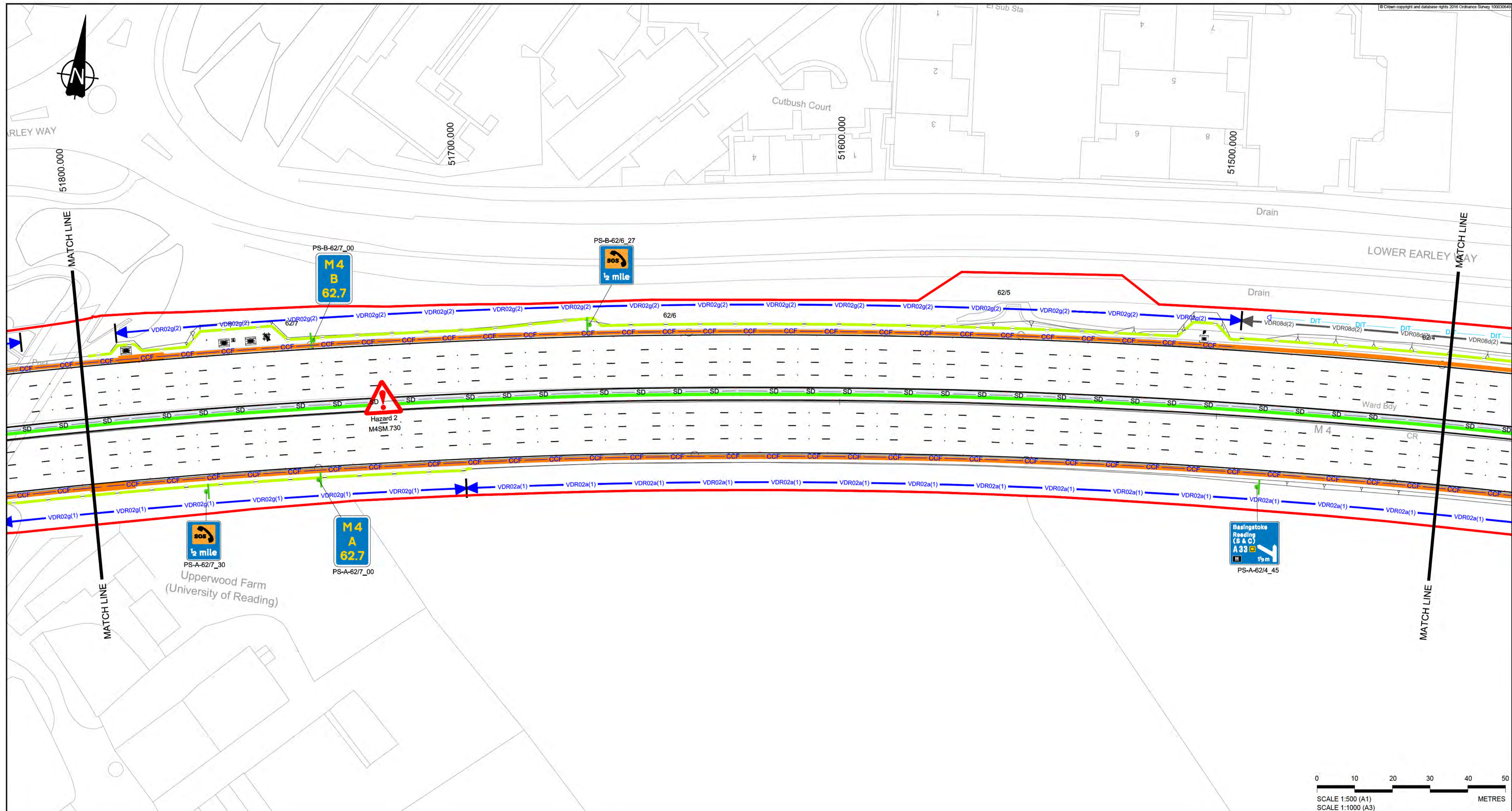
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 31 OF 91
CONTRACT 1
CH 52160 TO 51800

| | | | |
|------------------------------|-------------------|----------------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHHJ |
| Drawing number | Volume Location | Type Role Number | |
| HGN-S1_ML000000_Z-DR-CH-1031 | | | |



NOTES
1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

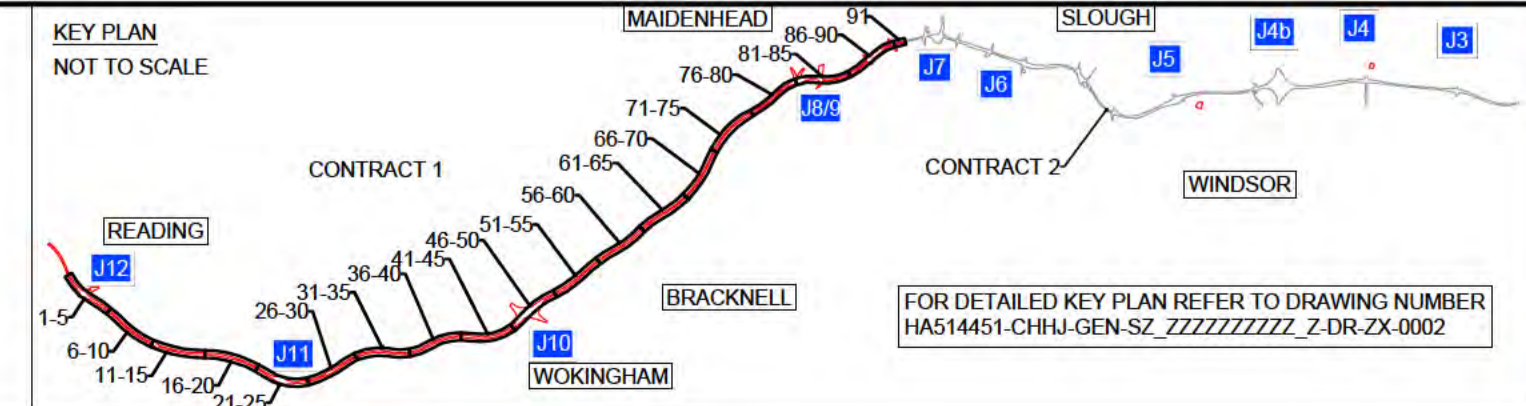
The following notes highlight significant (ie unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.

Construction

1. WORKING ADJACENT TO RAILWAY LINE
2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
3. RESTRICTED HEIGHT CLEARANCE
4. SIGNIFICANT FLORA OR FAUNA INTERACTION
5. OVERHEAD POWER LINE
6. GROUND CONTAMINATION
7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
8. SIGNIFICANT TRAFFIC INTERACTION
9. GROUNDWATER OR FLOODWATER INTERACTION
10. CONFLICT WITH ACCESS
11. ABNORMAL GROUND CONDITIONS
12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|---------|---------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



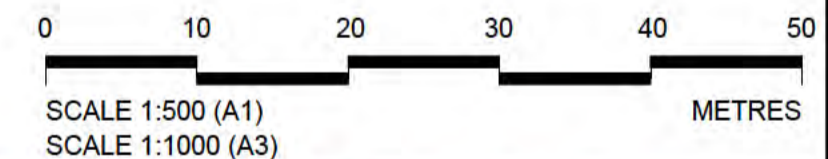
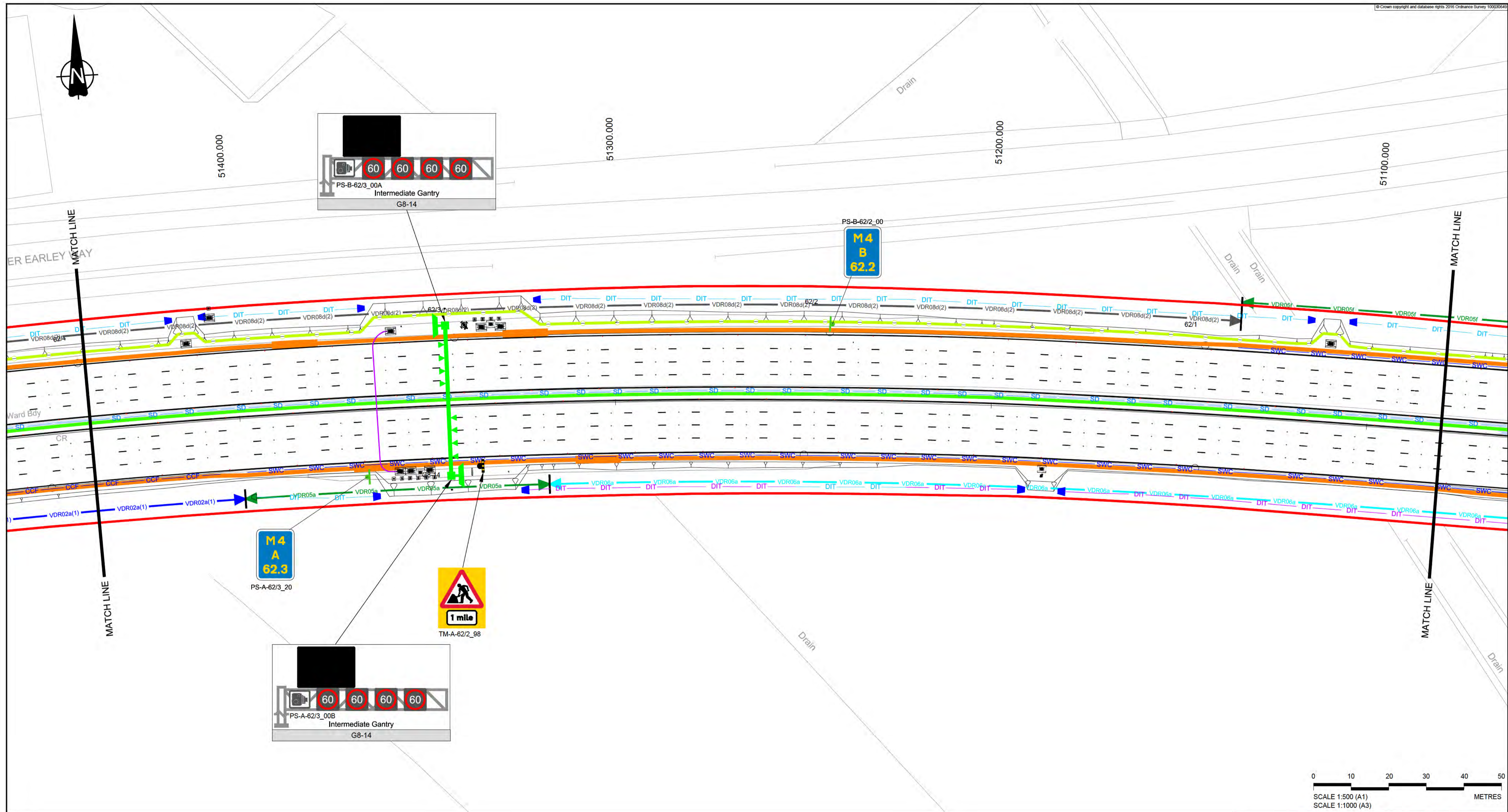
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 32 OF 91
CONTRACT 1
CH 51800 TO 51440

| | | | |
|----------------|------------------------------|-------------------|----------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1032 | Volume Location | Type Role Number |



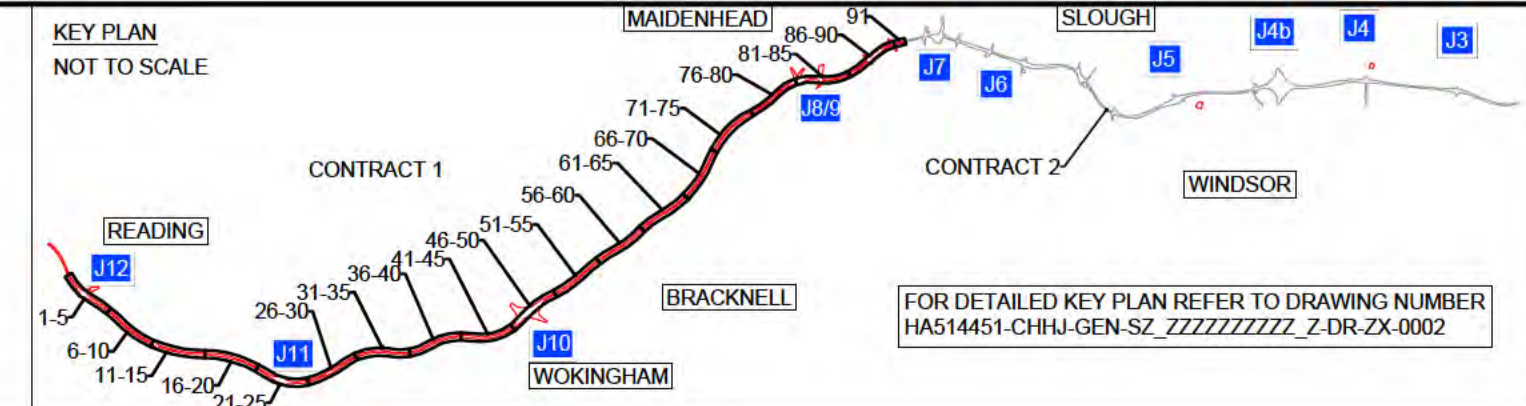
NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

- SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**
- The following notes highlight significant (or unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.
- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |
|-----|--------|------------|------------------------|-------|-------|--------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |

CONSTRUCTION



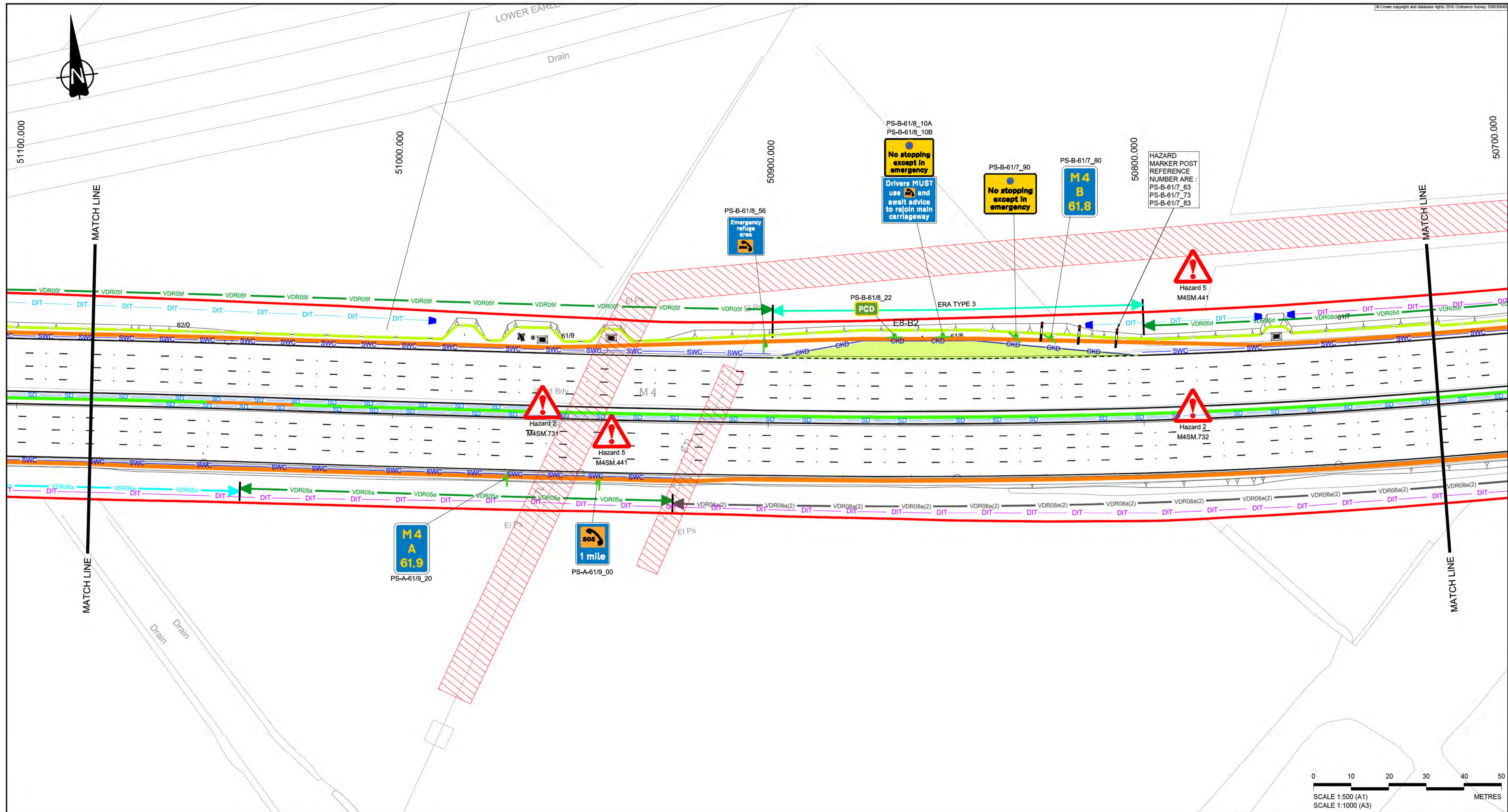
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 33 OF 91
CONTRACT 1
CH 51440 TO 51080

| Status | Revision |
|-------------------|--|
| A | C01 |
| Scale | 1:500 |
| Drawn By | |
| Checked By | |
| Approved By | |
| Project No. | HA PIN Originator Original Size A1 |
| HA PIN | CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1033 |
| Volume Location | Type Role Number |

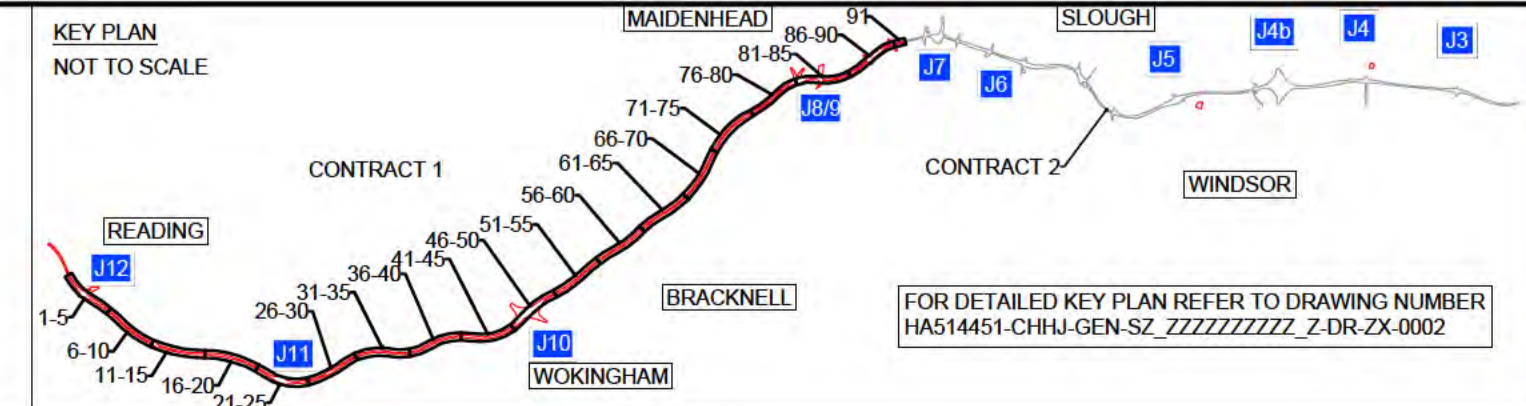


NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

- SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**
- The following notes highlight significant (or unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.
- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|---------|--------|
| 001 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Appr'd |

CONSTRUCTION



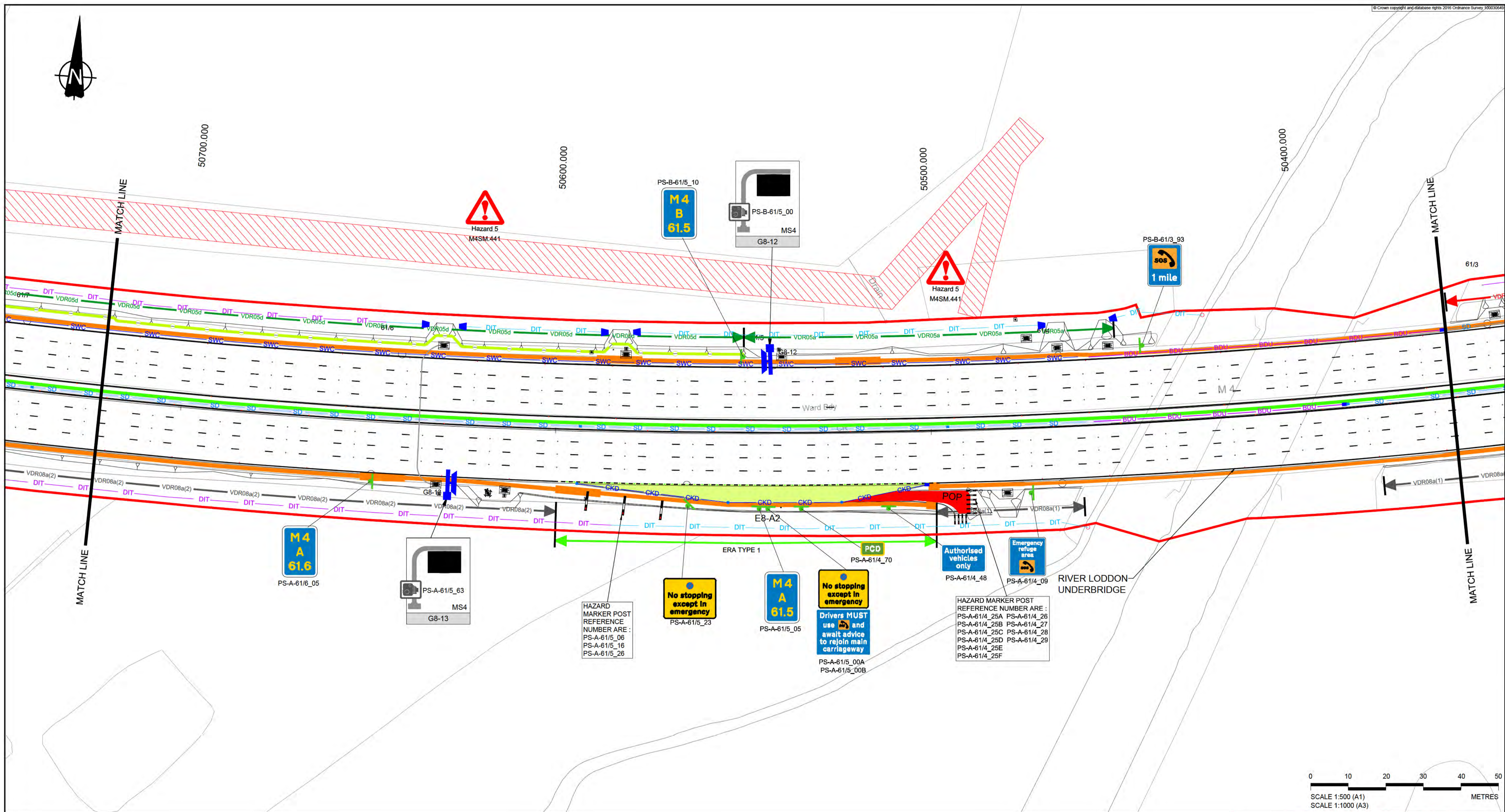
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 34 OF 91
CONTRACT 1
CH 51080 TO 50720

| | | | |
|-------------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1034 | Original Size | A1 |
| Volume Location | Type Role Number | | |



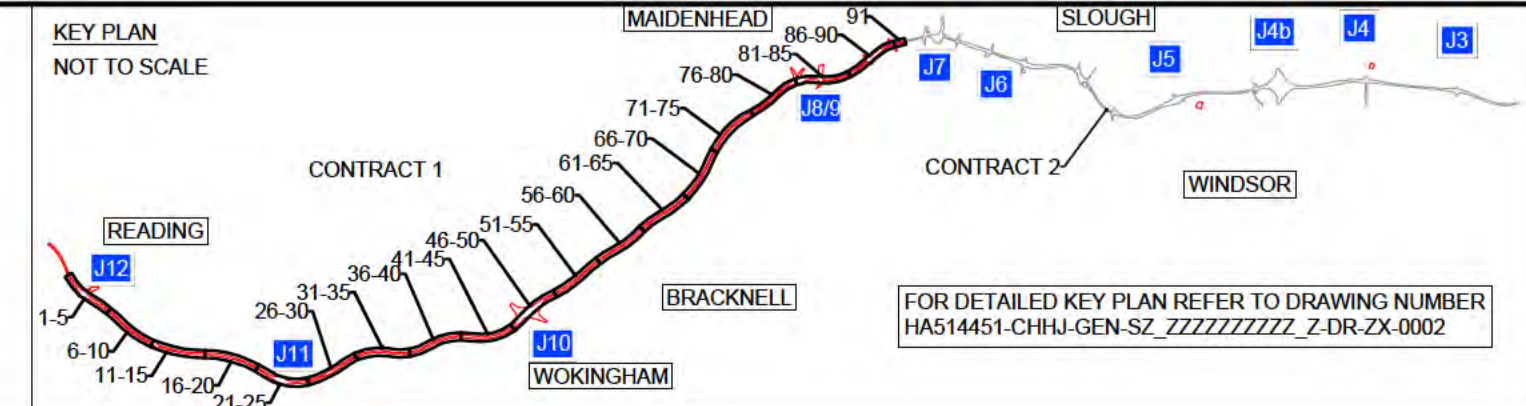
NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
 The following notes highlight significant (or unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.

- Construction**
- WORKING ADJACENT TO RAILWAY LINE
 - TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 - RESTRICTED HEIGHT CLEARANCE
 - SIGNIFICANT FLORA OR FAUNA INTERACTION
 - OVERHEAD POWER LINE
 - GROUND CONTAMINATION
 - SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 - SIGNIFICANT TRAFFIC INTERACTION
 - GROUNDWATER OR FLOODWATER INTERACTION
 - CONFLICT WITH ACCESS
 - ABNORMAL GROUND CONDITIONS
 - EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|-------|--------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



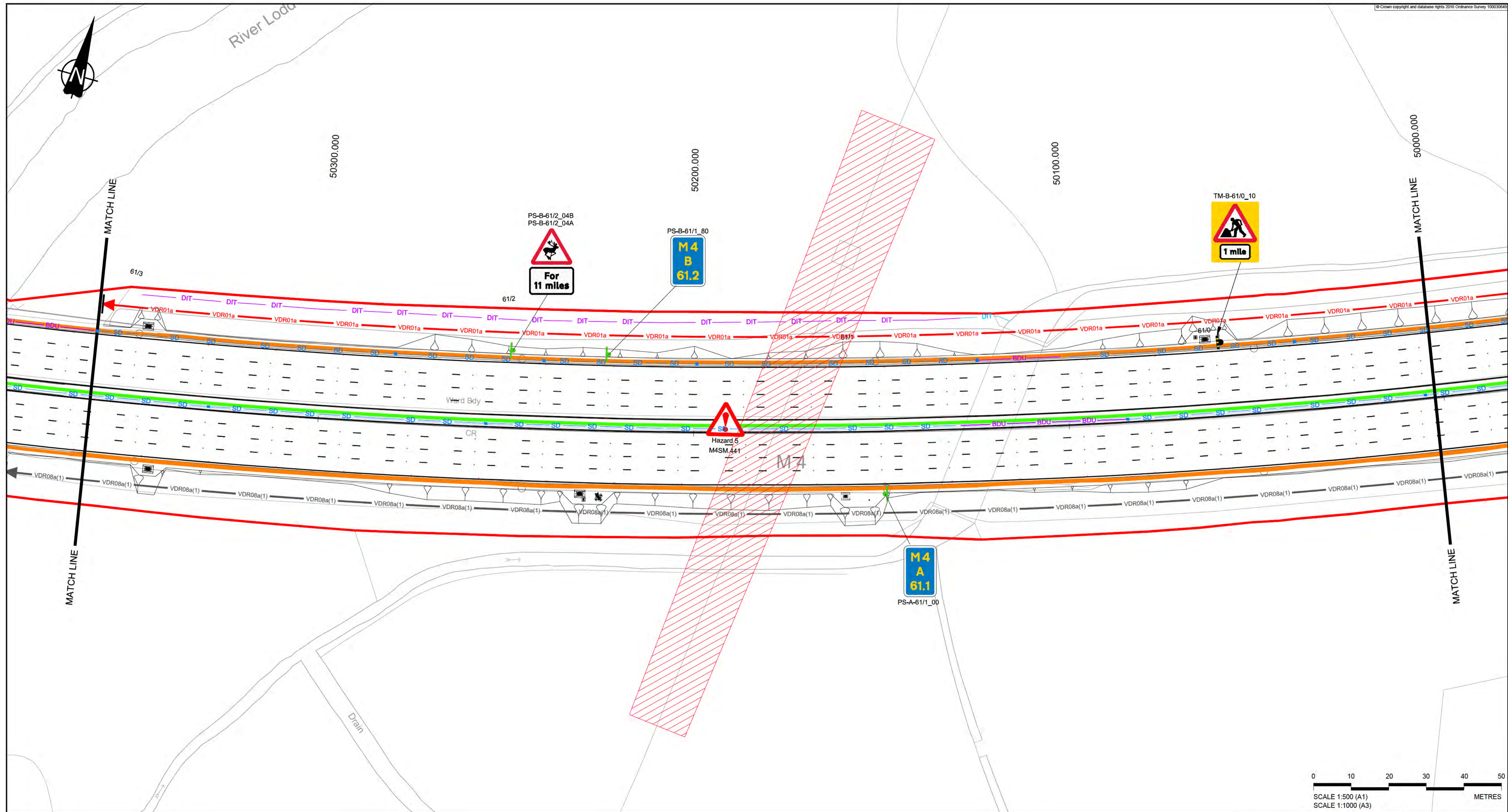
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 35 OF 91
CONTRACT 1
CH 50720 TO 50360

| | | | |
|----------------|------------------------------|-------------------|-------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | | Checked By | |
| Approved By | | Project No. | HA PIN |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1035 | Volume Location | 1 Role Number |
| Original Size | A1 | | |

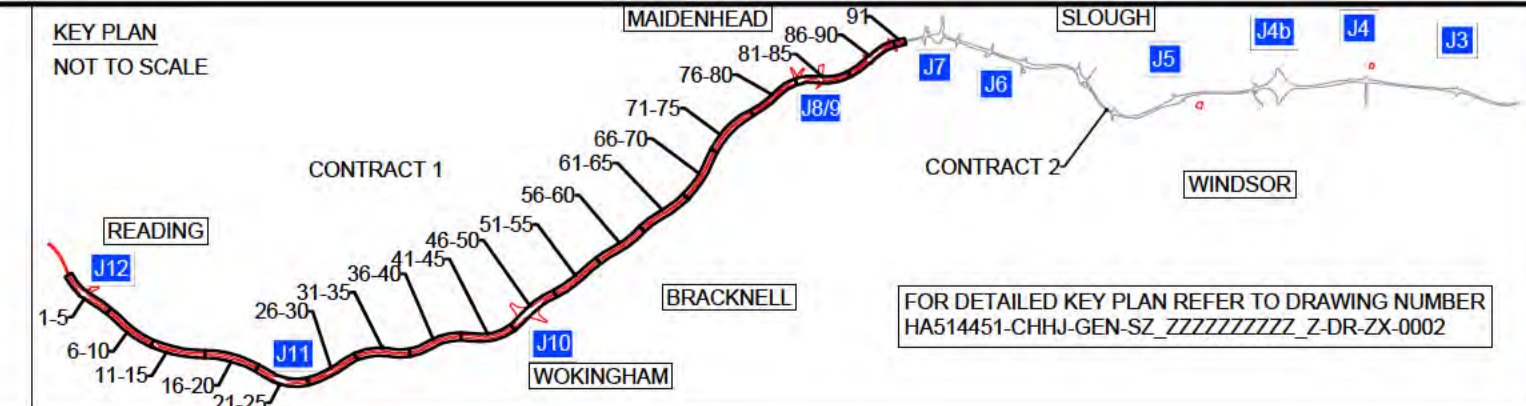


NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

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- The following notes highlight significant (ie unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.
- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|-------|--------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



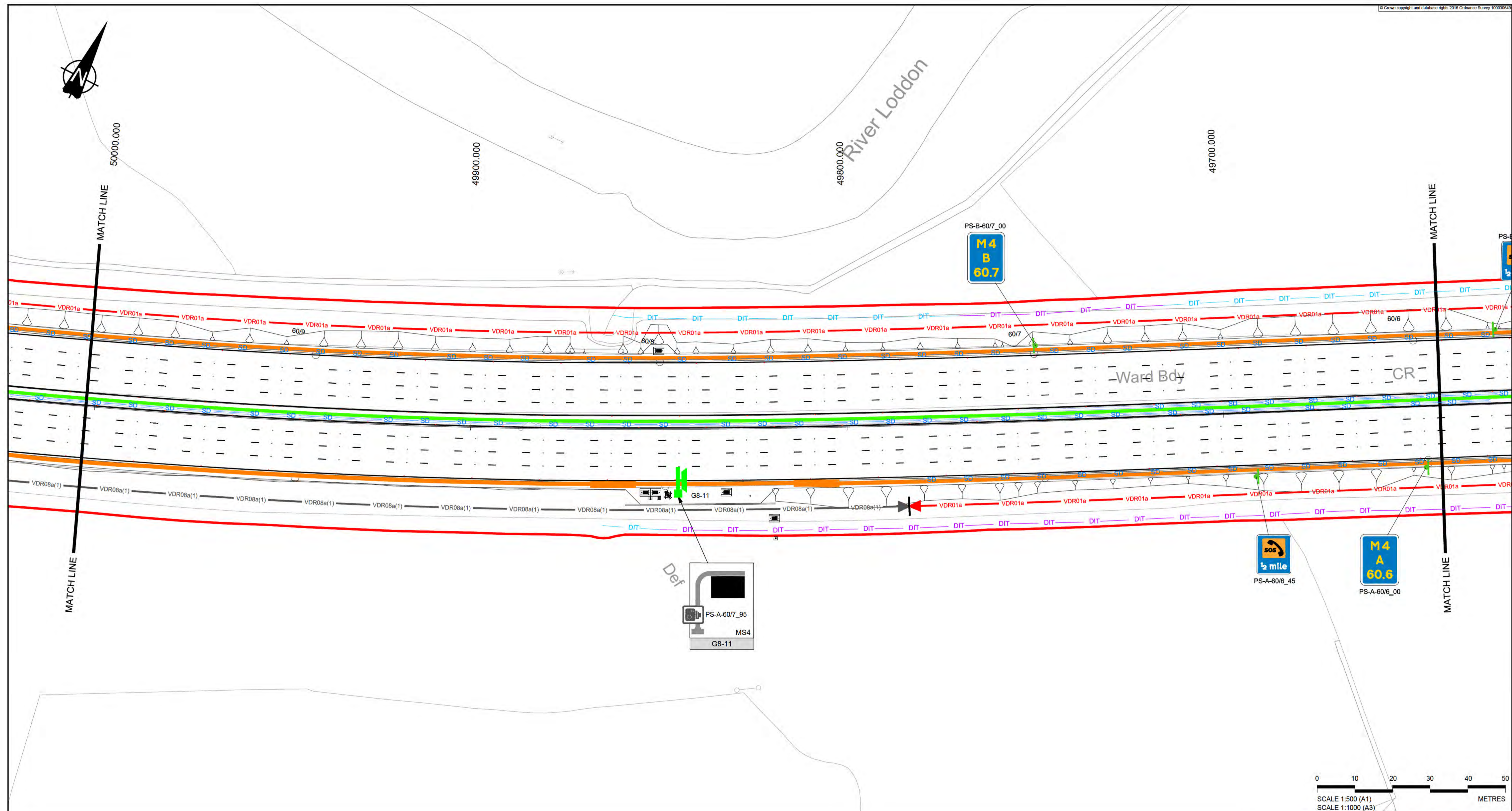
Client

DELIVERING THROUGH
ch2m **ARCADIS**

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 36 OF 91
CONTRACT 1
CH 50360 TO 50000

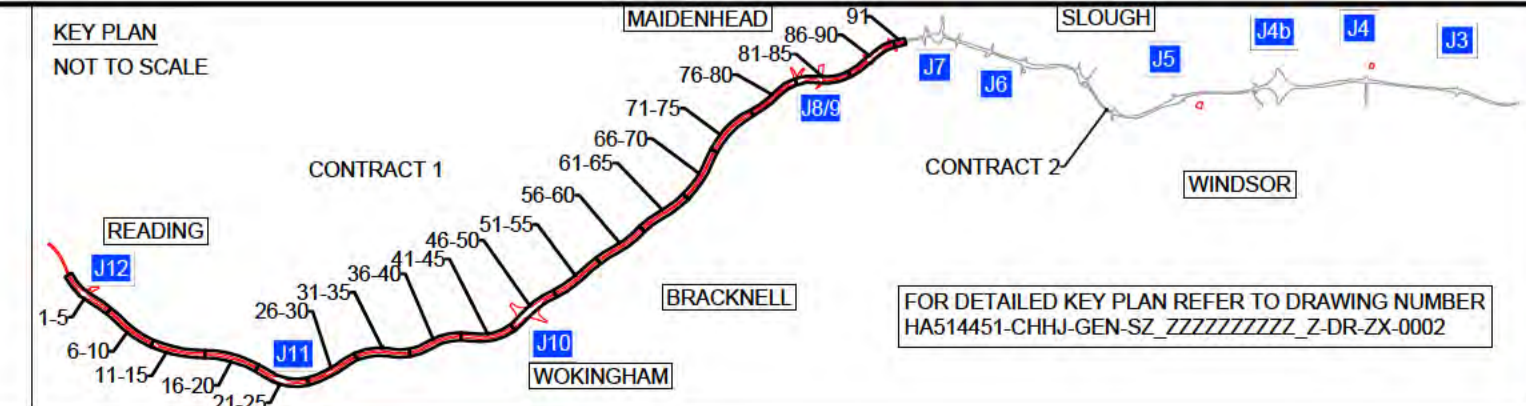
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|-------------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | IAN EDWARDS | | |
| Checked By | [REDACTED] | | |
| Approved By | [REDACTED] | | |
| Project No. | HA PIN | Originator | CHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1036 | Original Size | A1 |
| Volume Location | Type Role Number | | |



- SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**
- The following notes highlight significant (ie unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.
- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|-------|--------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



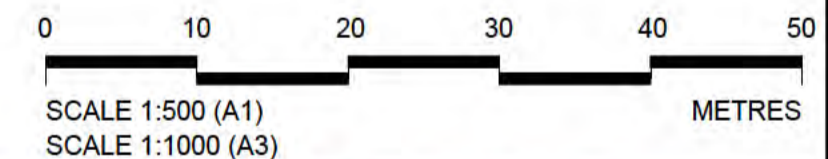
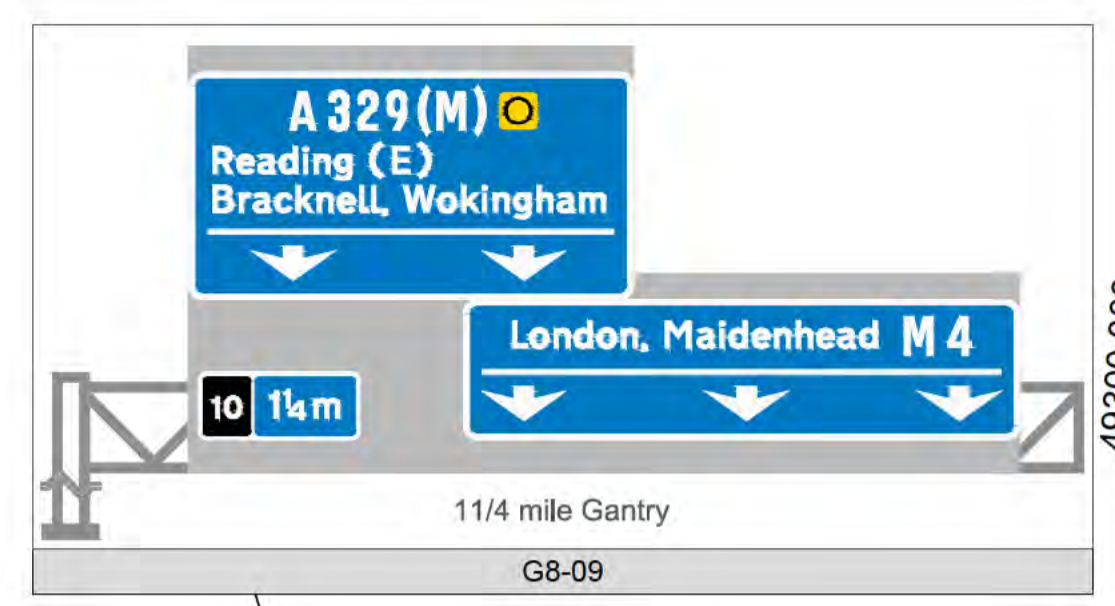
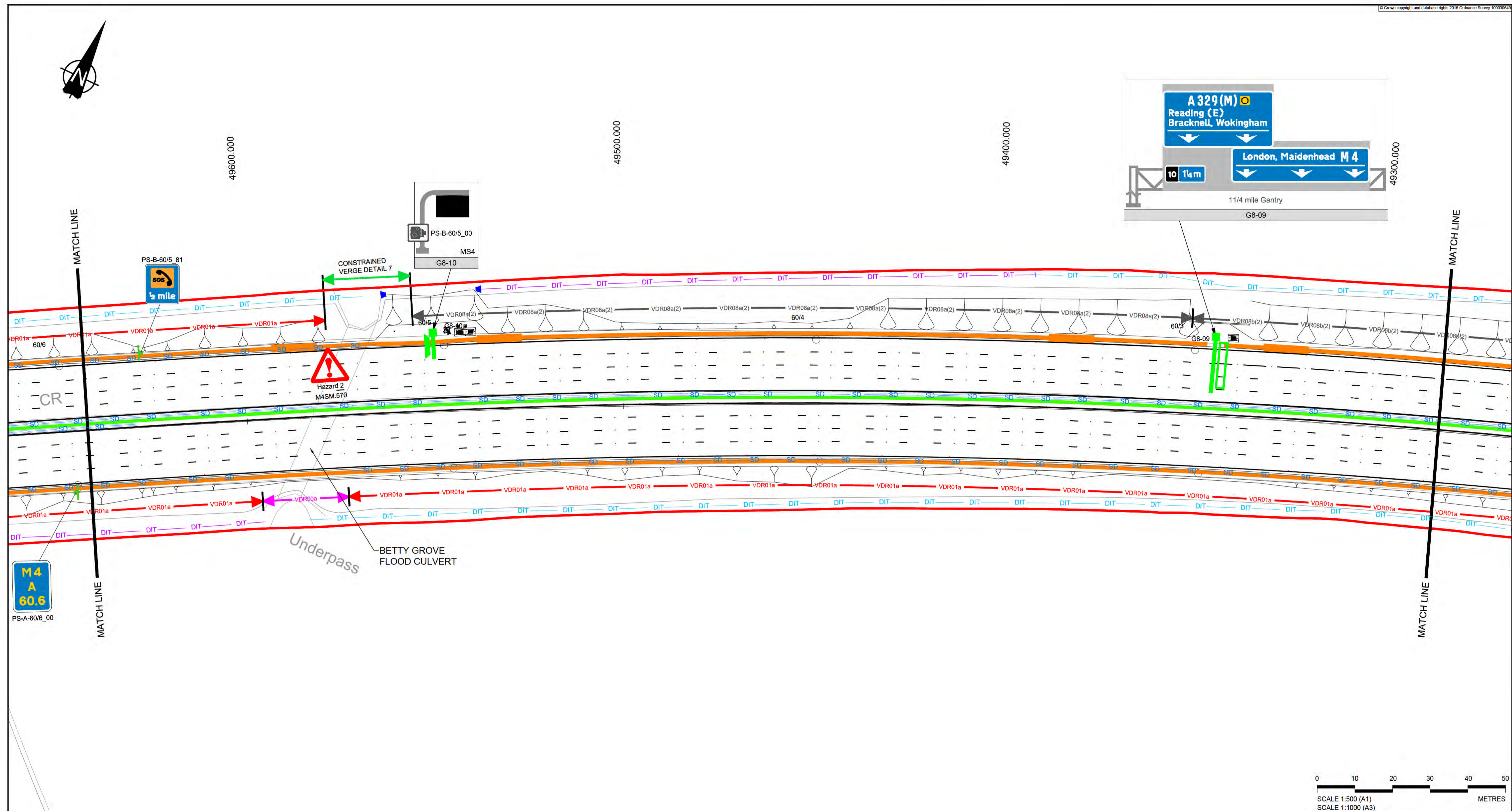
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 37 OF 91
CONTRACT 1
CH 5000 TO 49645

| | | | |
|----------------|------------------------------|----------------------|---------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN I Originator |
| Drawing number | HA514451 | Volume Location | CHJU |
| | HGN-S1_ML000000_Z-DR-CH-1037 | Type Role Number | A1 |



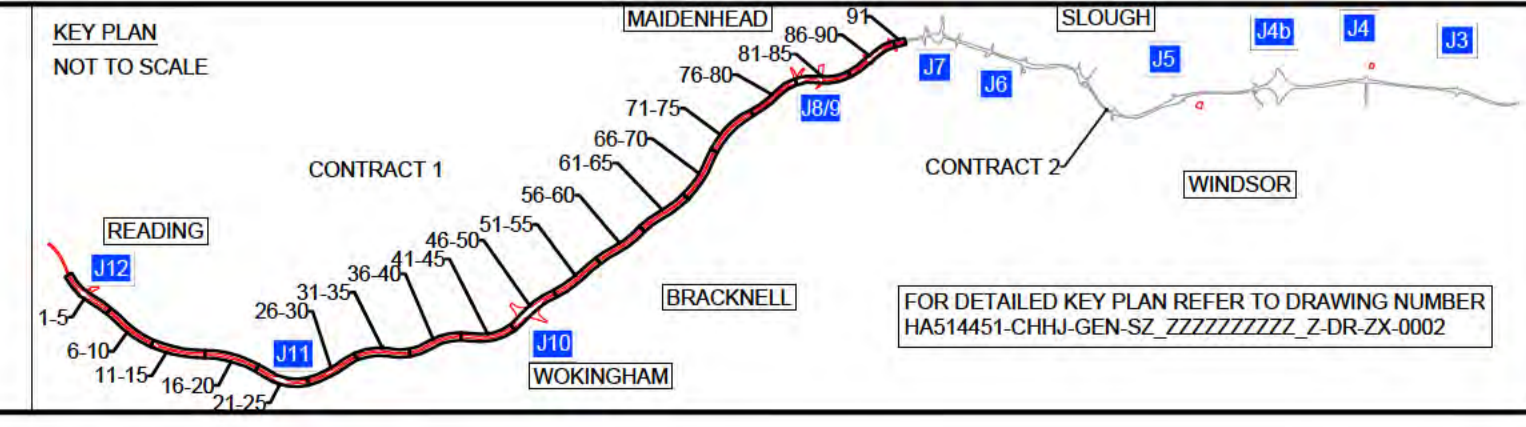
NOTES
1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
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- Construction**
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 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
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 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|-------|---------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



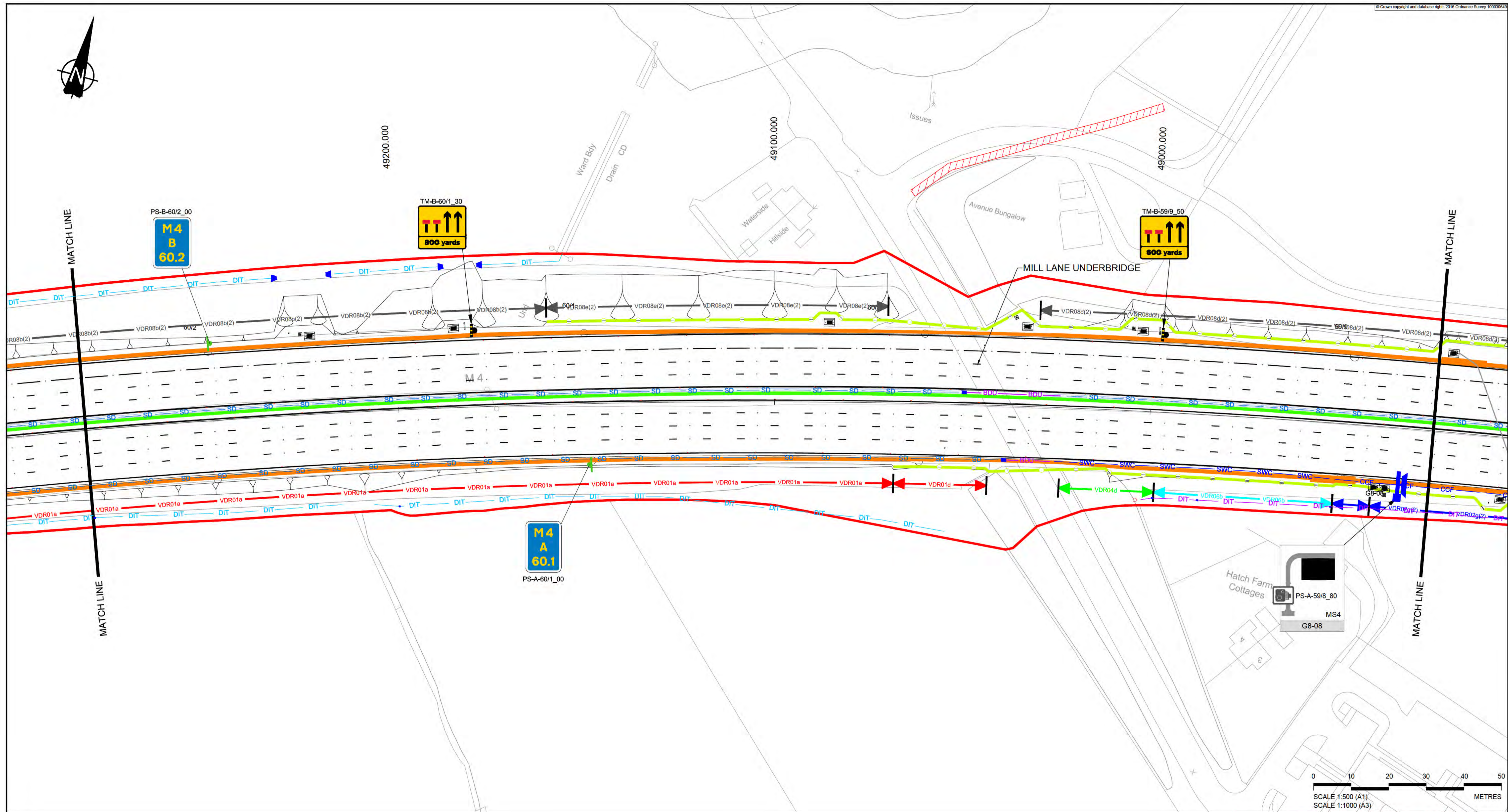
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 38 OF 91
CONTRACT 1
CH 49645 TO 49285

| | | | |
|----------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1038 | Original Size | A1 |



NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

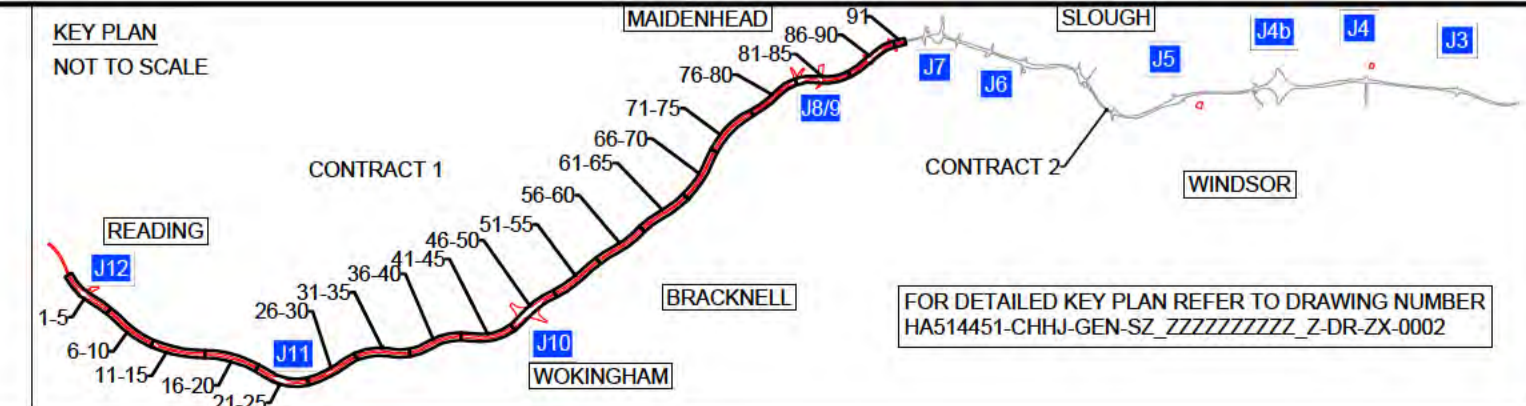
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

The following notes highlight significant (or unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.

- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|---------|--------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Appr'd |

CONSTRUCTION



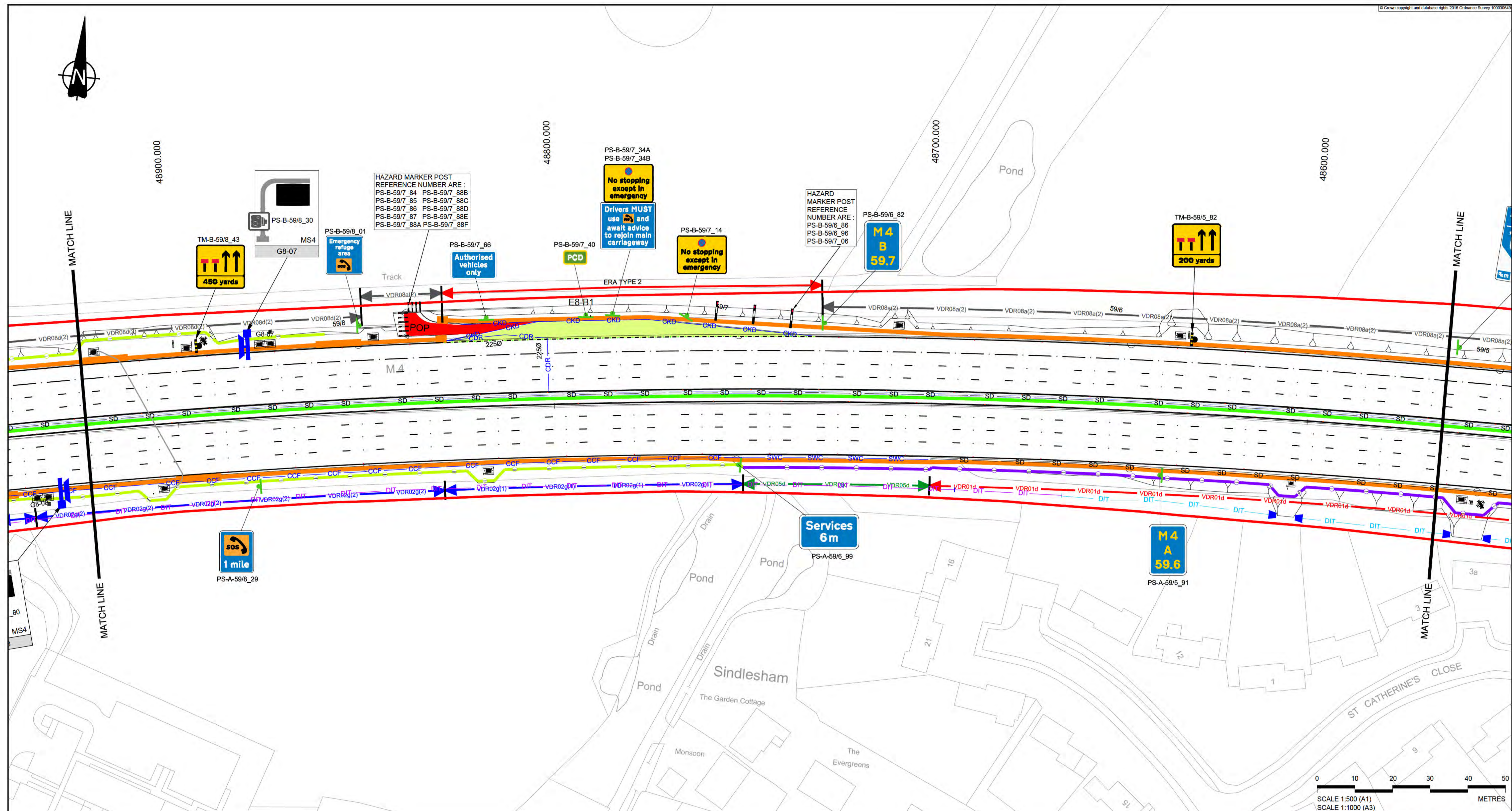
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 39 OF 91
CONTRACT 1
CH 49285 TO 48925

| | | | |
|----------------|------------------------------|----------------------|--------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN 1 Originator CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1039 | Volume Location | 1 1 |
| Original Size | A1 | Type Role Number | |



NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

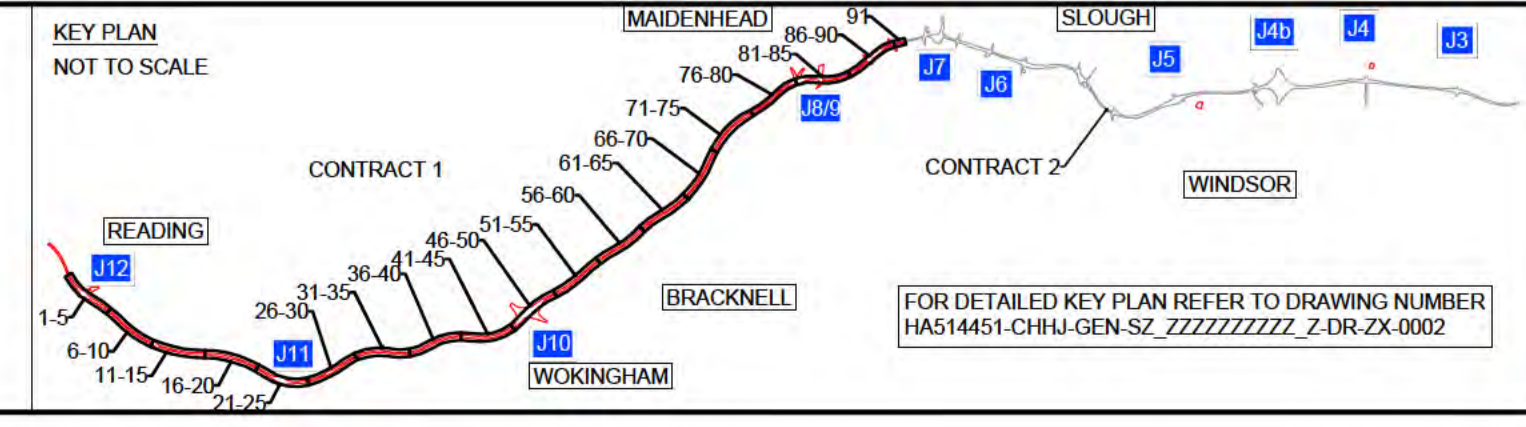
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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| Construction |
|---|
| 1. WORKING ADJACENT TO RAILWAY LINE |
| 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION |
| 3. RESTRICTED HEIGHT CLEARANCE |
| 4. SIGNIFICANT FLORA OR FAUNA INTERACTION |
| 5. OVERHEAD POWER LINE |
| 6. GROUND CONTAMINATION |
| 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION |
| 8. SIGNIFICANT TRAFFIC INTERACTION |
| 9. GROUNDWATER OR FLOODWATER INTERACTION |
| 10. CONFLICT WITH ACCESS |
| 11. ABNORMAL GROUND CONDITIONS |
| 12. EXISTING LIGHTING REMOVAL |

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|-----|--------|------------|------------------------|-------|---------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



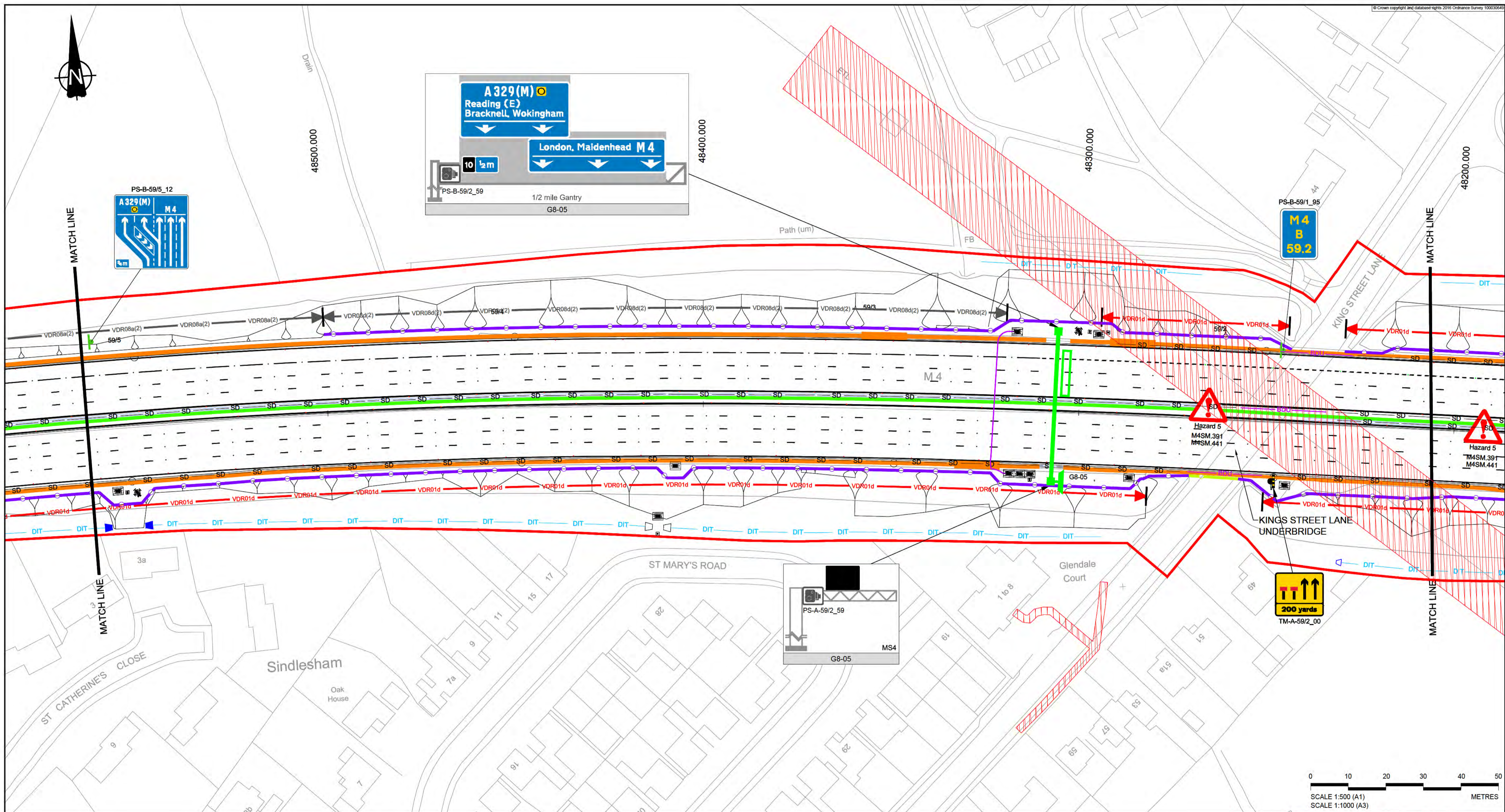
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 40 OF 91
CONTRACT 1
CH 48925 TO 48565

| | | | |
|-------------|--------------------|----------------------|------------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Original Size | A1 |
| Checked By | [REDACTED] | Volume Location | HGN-S1_ML000000_Z-DR-CH-1040 |
| Approved By | [REDACTED] | Type Role Number | |
| Project No. | HA PIN HA514451 | Originator | CHHJ |



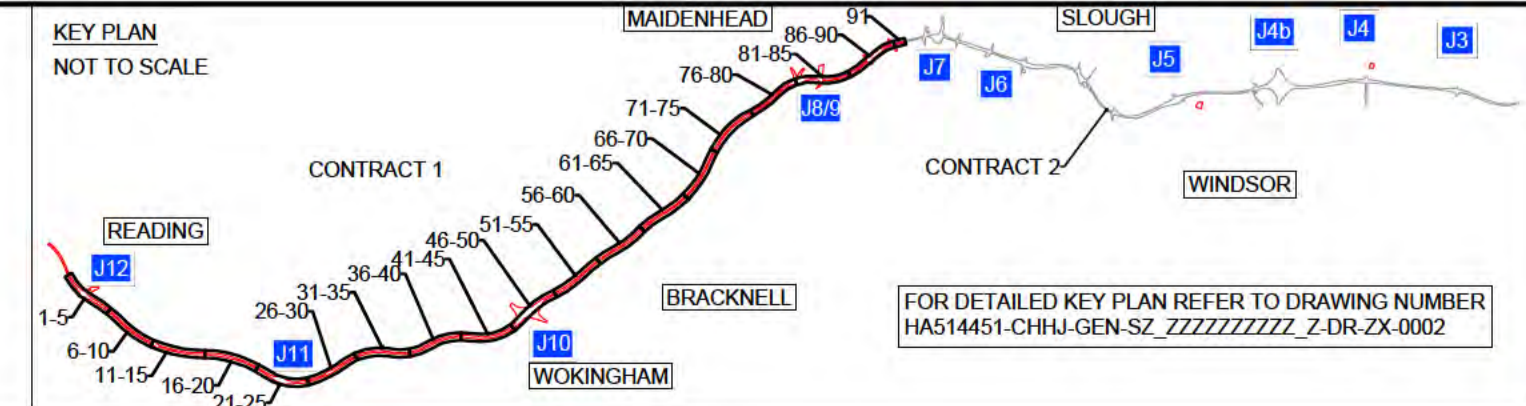
NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

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- Construction**
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 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
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 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|---------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION

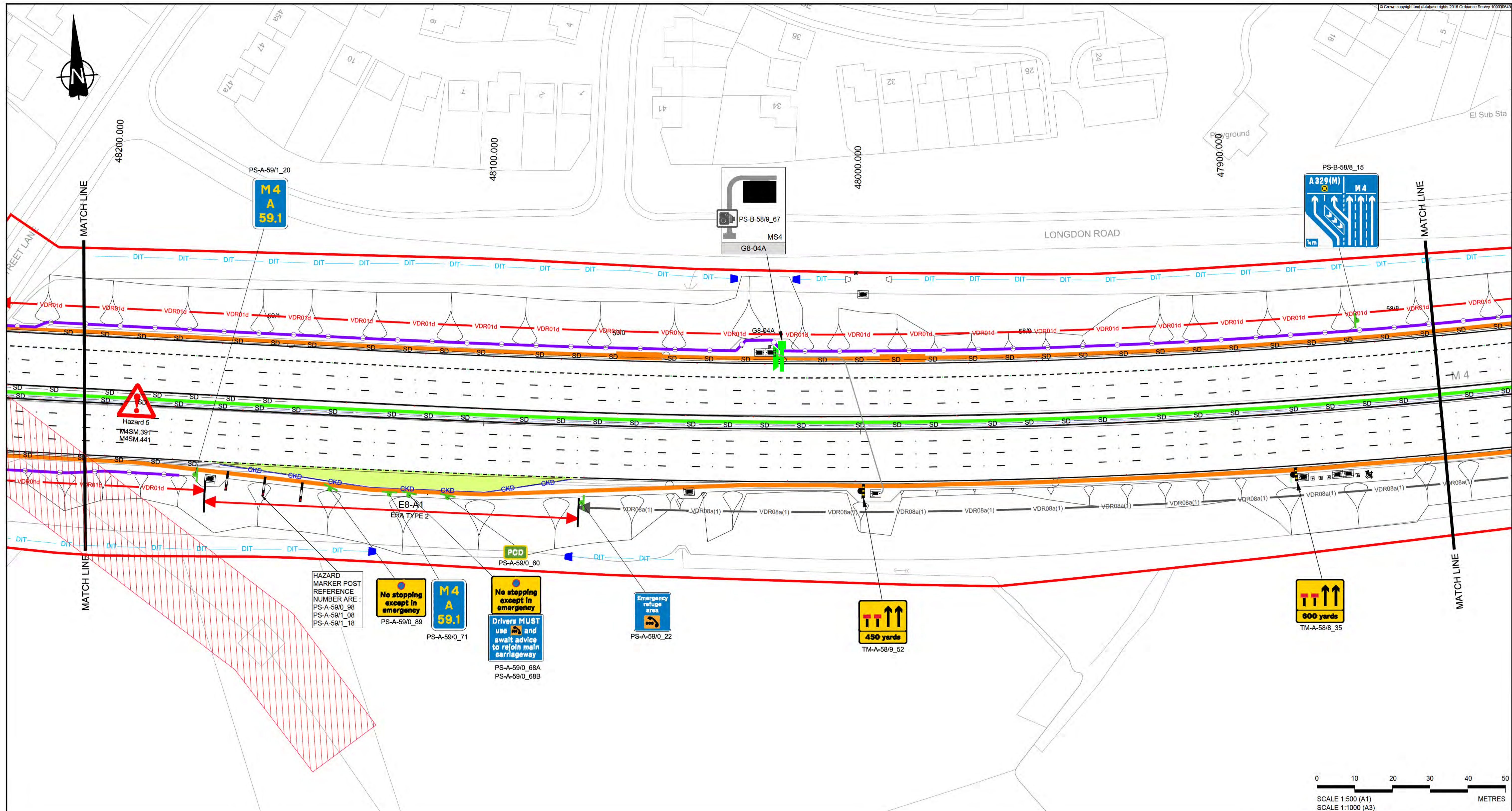


Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12
 Drawing title GENERAL ARRANGEMENT
 SHEET 41 OF 91
 CONTRACT 1
 CH 48565 TO 48205

| | | | |
|----------------|------------------------------|----------------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1041 | Volume Location | 1 41 |
| | | Type Role Number | |



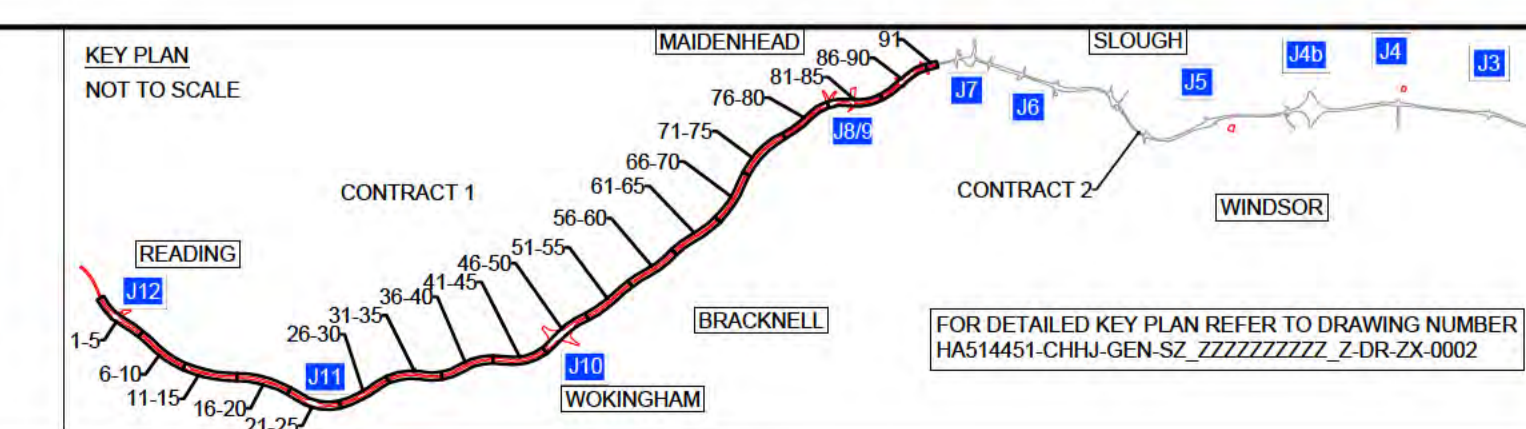
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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| Construction |
|---|
| 1. WORKING ADJACENT TO RAILWAY LINE |
| 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION |
| 3. RESTRICTED HEIGHT CLEARANCE |
| 4. SIGNIFICANT FLORA OR FAUNA INTERACTION |
| 5. OVERHEAD POWER LINE |
| 6. GROUND CONTAMINATION |
| 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION |
| 8. SIGNIFICANT TRAFFIC INTERACTION |
| 9. GROUNDWATER OR FLOODWATER INTERACTION |
| 10. CONFLICT WITH ACCESS |
| 11. ABNORMAL GROUND CONDITIONS |
| 12. EXISTING LIGHTING REMOVAL |

| | | | | | | |
|-----|--------|------------|------------------------|-------|---------|--------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Appr'd |

CONSTRUCTION



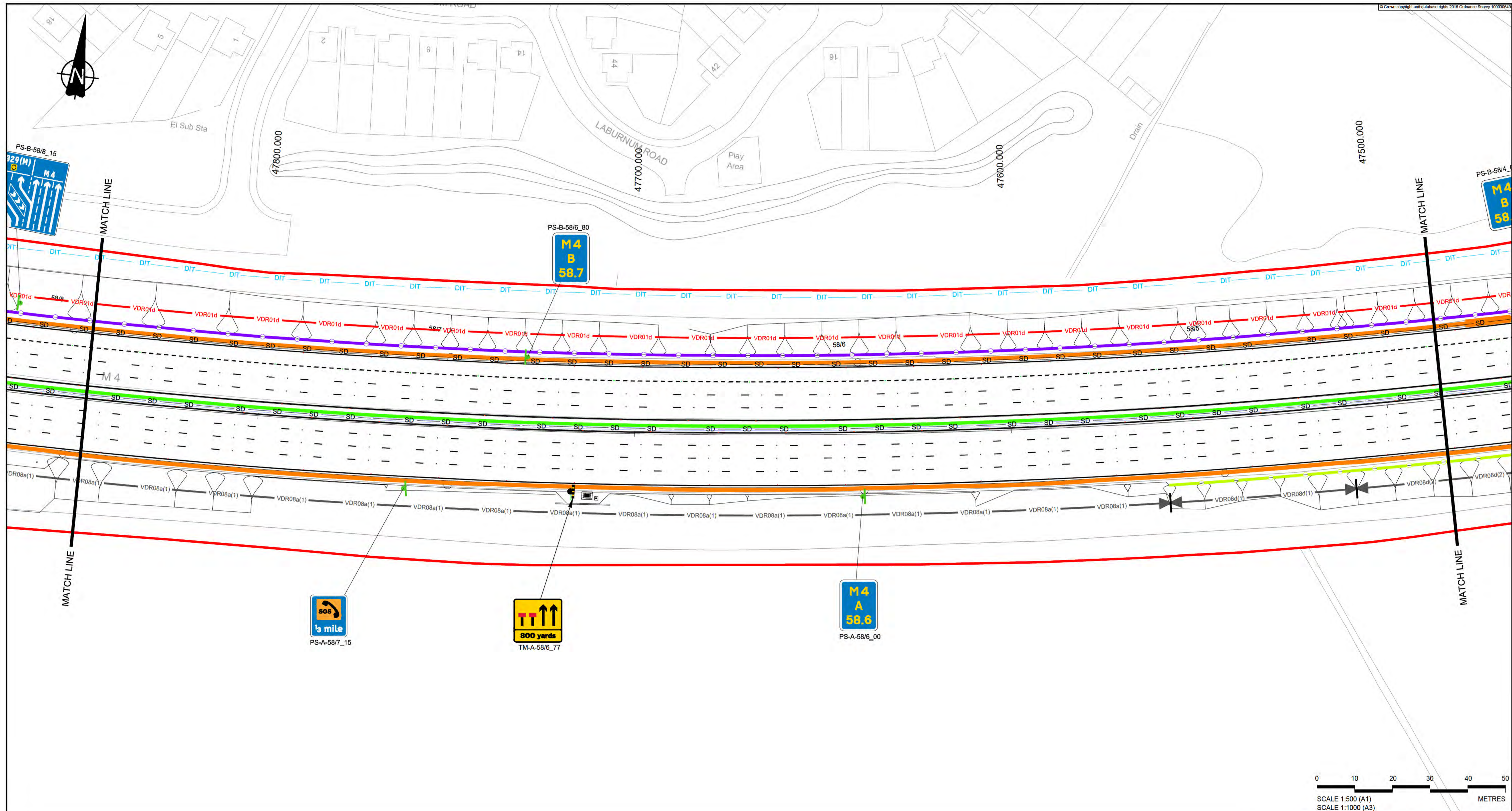
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 42 OF 91
CONTRACT 1
CH 48205 TO 47845

| | | | |
|-------------|--------------------|----------------------|------------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Original Size | A1 |
| Checked By | [REDACTED] | Volume Location | HGN-S1_ML000000_Z-DR-CH-1042 |
| Approved By | [REDACTED] | Type Role Number | |
| Project No. | HA PIN HA514451 | Originator | CHHJ |



NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

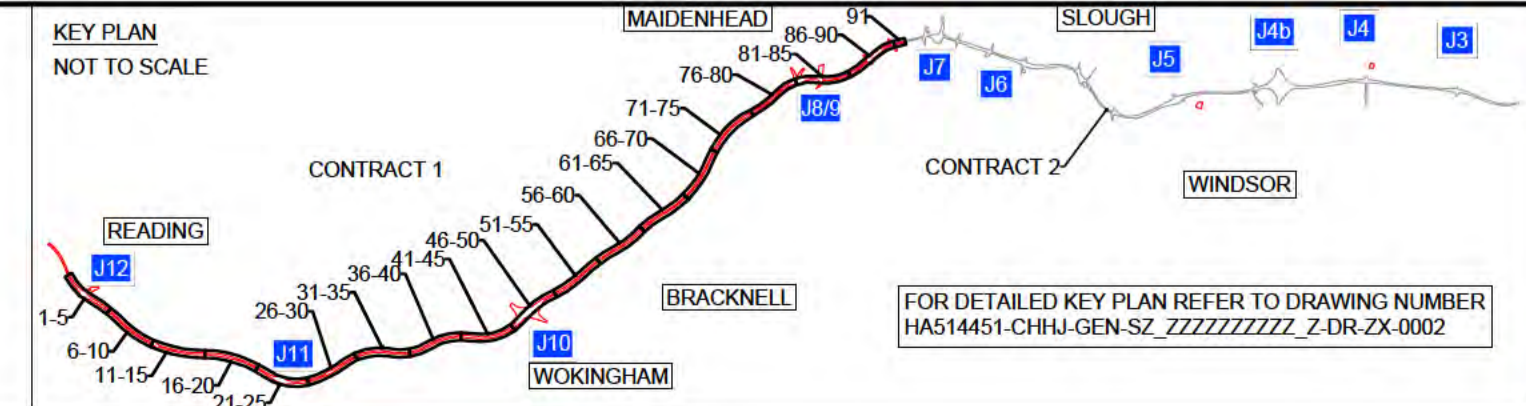
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

The following notes highlight significant (ie unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.

| Construction |
|---|
| 1. WORKING ADJACENT TO RAILWAY LINE |
| 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION |
| 3. RESTRICTED HEIGHT CLEARANCE |
| 4. SIGNIFICANT FLORA OR FAUNA INTERACTION |
| 5. OVERHEAD POWER LINE |
| 6. GROUND CONTAMINATION |
| 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION |
| 8. SIGNIFICANT TRAFFIC INTERACTION |
| 9. GROUNDWATER OR FLOODWATER INTERACTION |
| 10. CONFLICT WITH ACCESS |
| 11. ABNORMAL GROUND CONDITIONS |
| 12. EXISTING LIGHTING REMOVAL |

| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|-------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



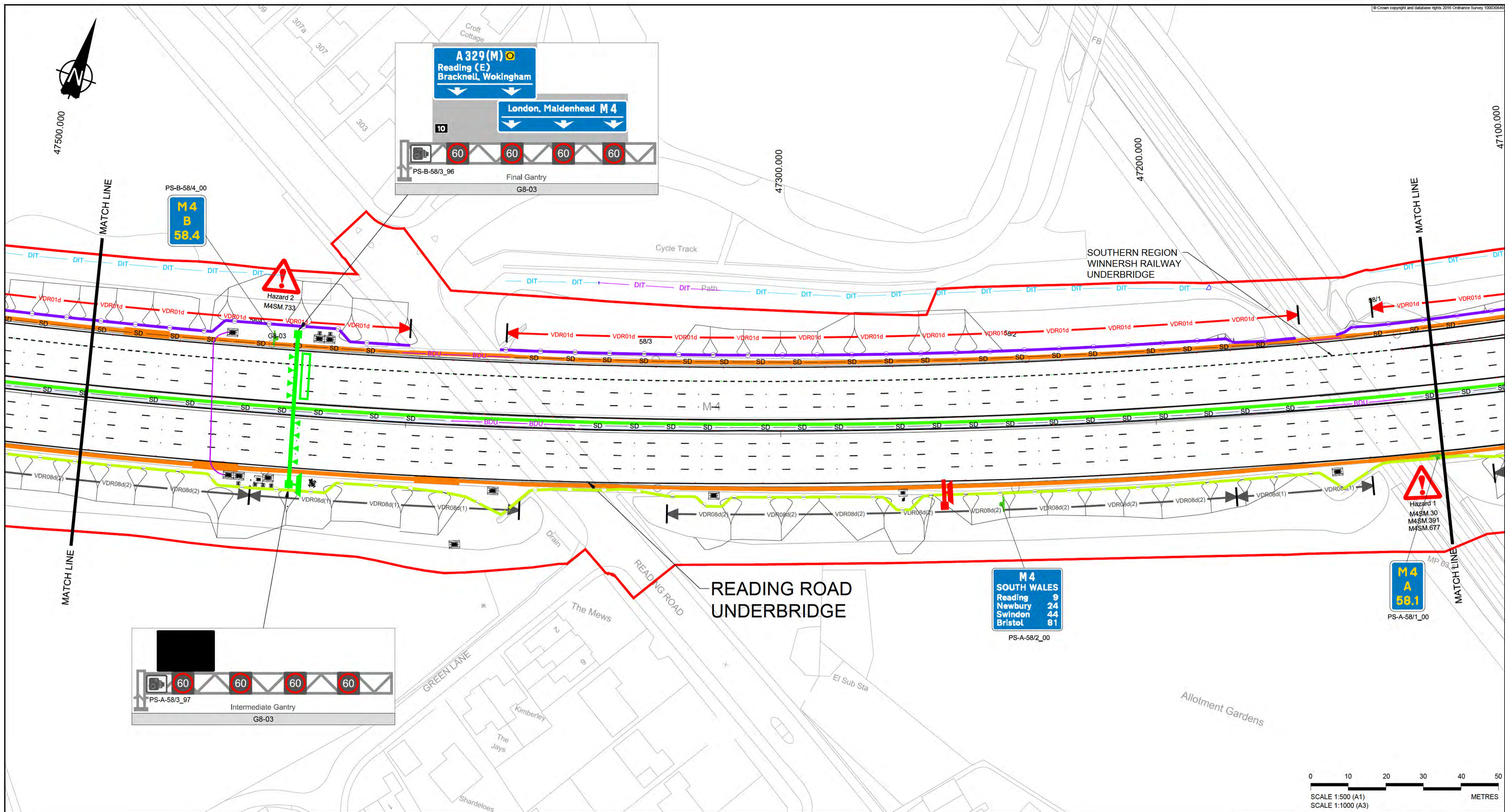
Client

DELIVERING THROUGH
ch2m **ARCADIS**

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
 SHEET 43 OF 91
 CONTRACT 1
 CH 47845 TO 47885

| | | | |
|-------------|--------------------|----------------------|------------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Original Size | A1 |
| Checked By | [REDACTED] | Volume Location | HGN-S1_ML000000_Z-DR-CH-1043 |
| Approved By | [REDACTED] | Type Role Number | |
| Project No. | HA PIN HA514451 | Originator | CHJ |

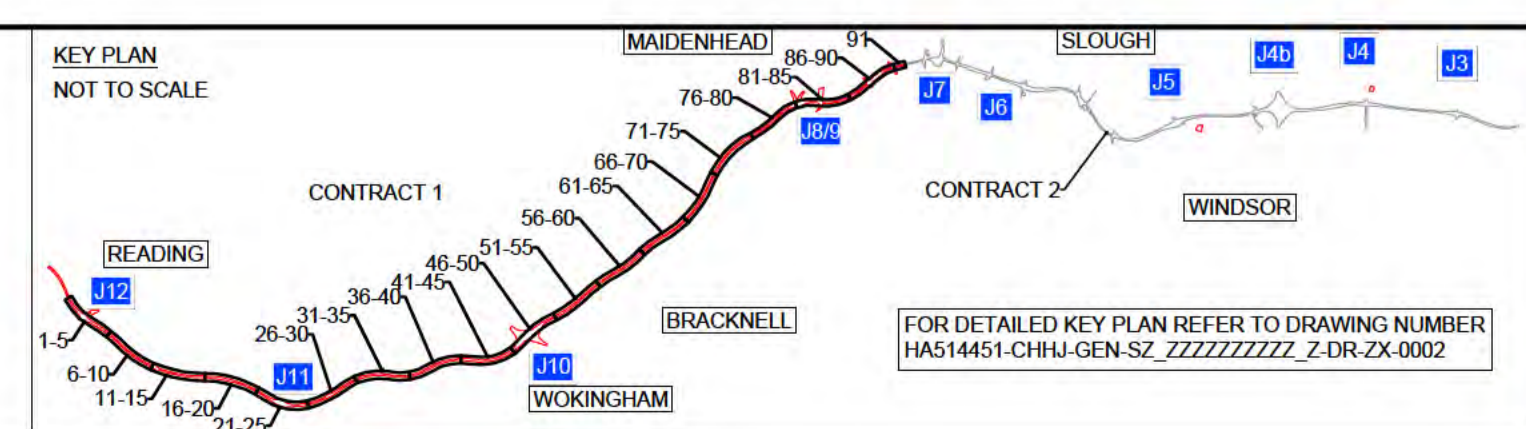


NOTES
1. REFER TO SHEET 0 FOR KEY AND NOTES

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- Construction**
- WORKING ADJACENT TO RAILWAY LINE
 - TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 - RESTRICTED HEIGHT CLEARANCE
 - SIGNIFICANT FLORA OR FAUNA INTERACTION
 - OVERHEAD POWER LINE
 - GROUND CONTAMINATION
 - SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 - SIGNIFICANT TRAFFIC INTERACTION
 - GROUNDWATER OR FLOODWATER INTERACTION
 - CONFLICT WITH ACCESS
 - ABNORMAL GROUND CONDITIONS
 - EXISTING LIGHTING REMOVAL

| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |
|-----|--------|------------|------------------------|-------|-------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |

CONSTRUCTION



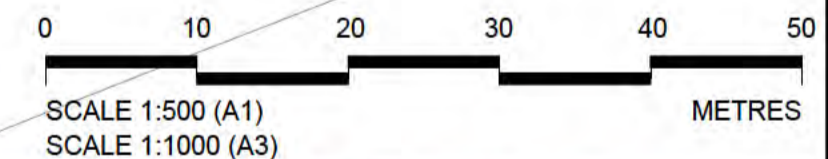
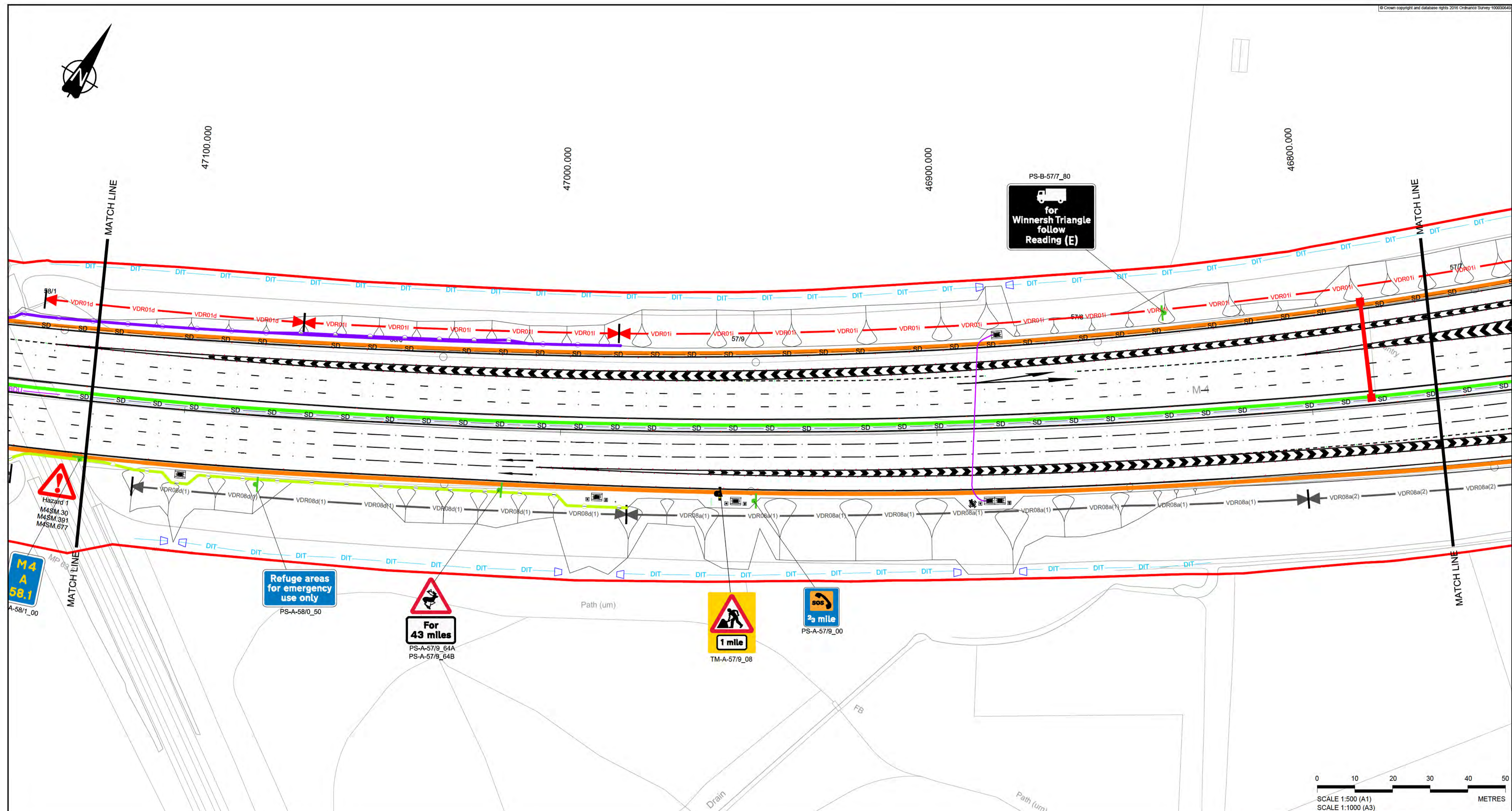
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 44 OF 91
CONTRACT 1
CH 47485 TO 47125

| Status | | Revision | |
|----------------|------------------------------|-------------------|----------------------|
| A | | C01 | |
| Scale 1:500 | | Date - 06/07/2018 | |
| Drawn By | | Checked By | |
| Approved By | | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1044 | Volume Location | Type Role Number |



NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

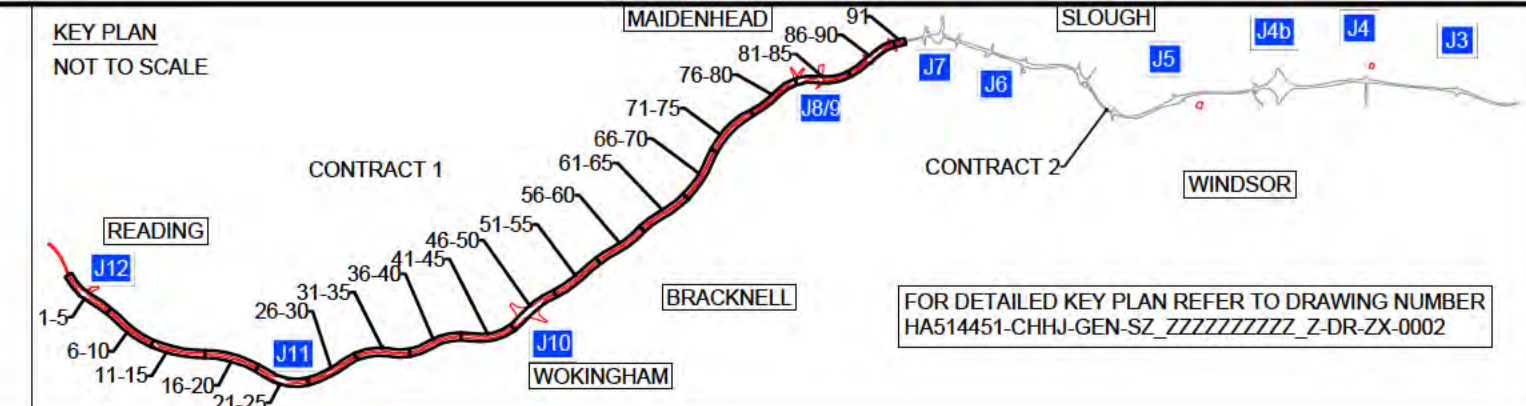
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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| Construction |
|---|
| 1. WORKING ADJACENT TO RAILWAY LINE |
| 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION |
| 3. RESTRICTED HEIGHT CLEARANCE |
| 4. SIGNIFICANT FLORA OR FAUNA INTERACTION |
| 5. OVERHEAD POWER LINE |
| 6. GROUND CONTAMINATION |
| 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION |
| 8. SIGNIFICANT TRAFFIC INTERACTION |
| 9. GROUNDWATER OR FLOODWATER INTERACTION |
| 10. CONFLICT WITH ACCESS |
| 11. ABNORMAL GROUND CONDITIONS |
| 12. EXISTING LIGHTING REMOVAL |

| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|-------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



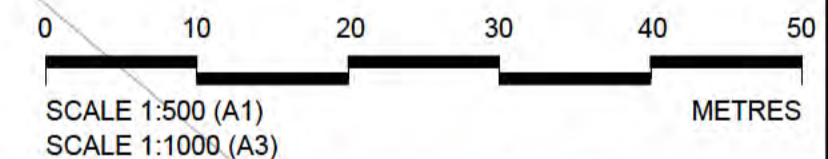
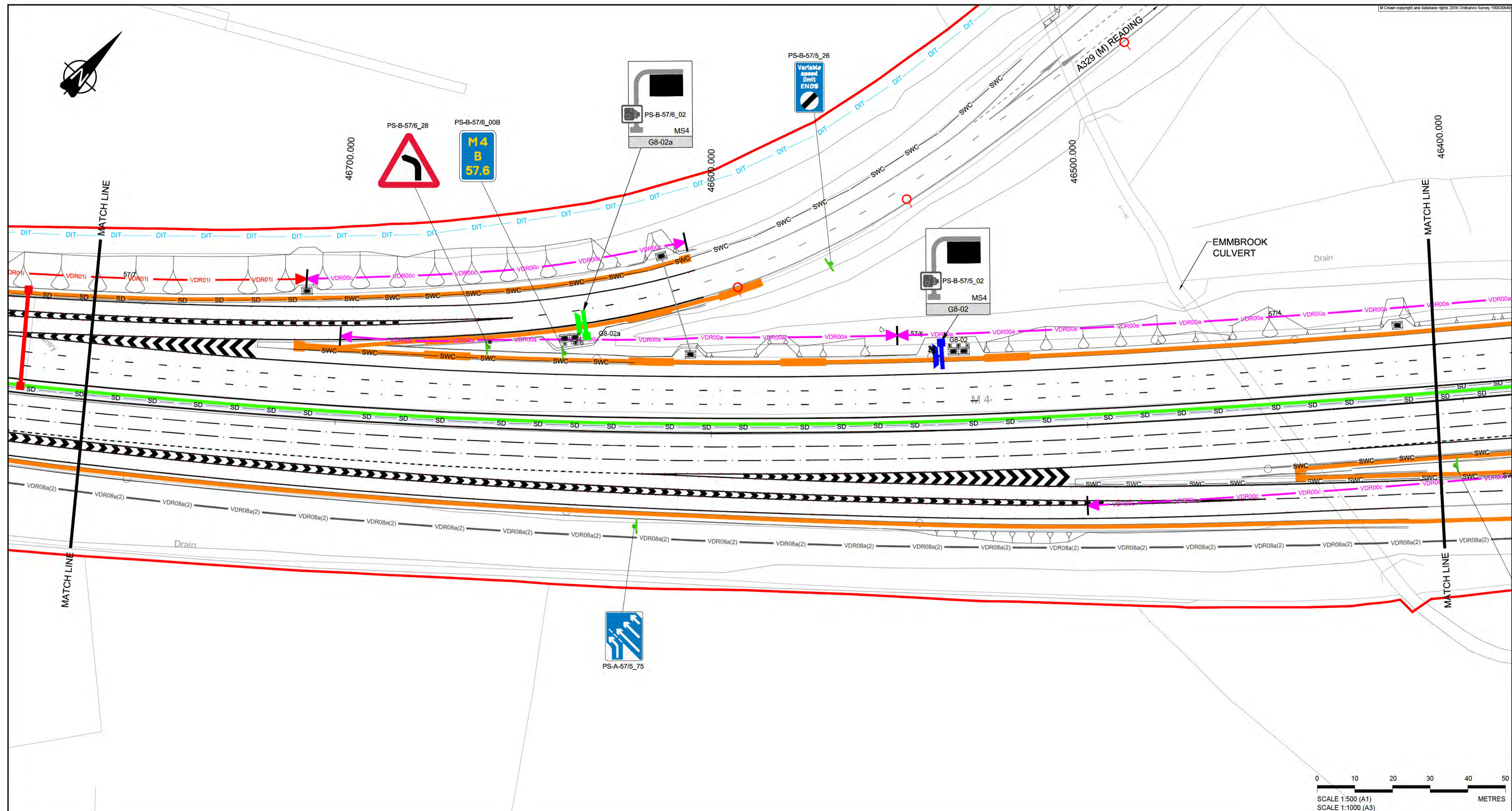
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 45 OF 91
CONTRACT 1
CH 47125 TO 46765

| | | | |
|----------------|------------------------------|-------------------|----------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHIJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1045 | Volume Location | Type Role Number |



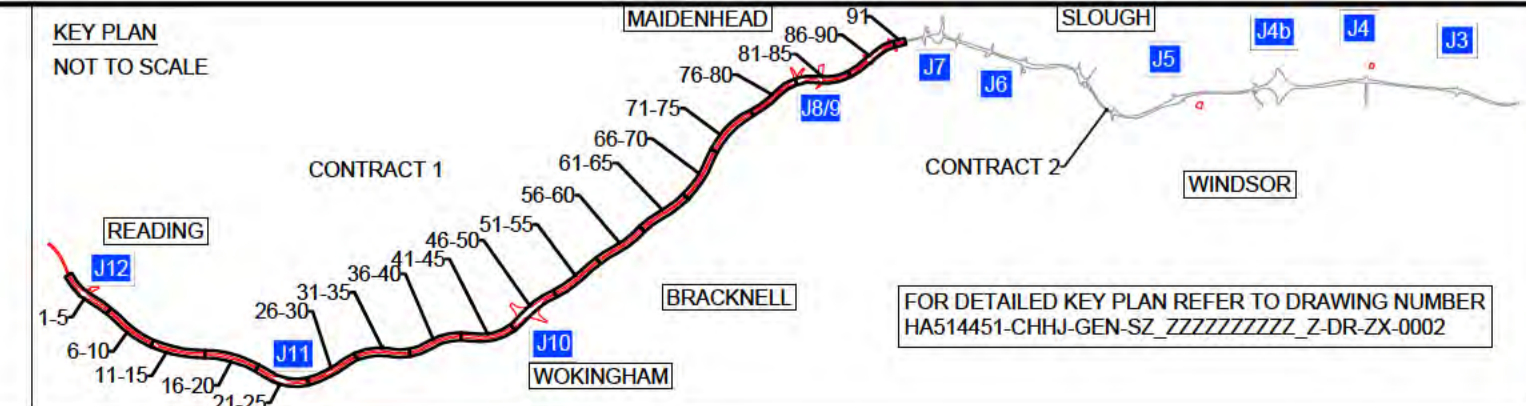
NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

- SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**
- The following notes highlight significant (or unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.
- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|---------|--------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Appr'd |

CONSTRUCTION



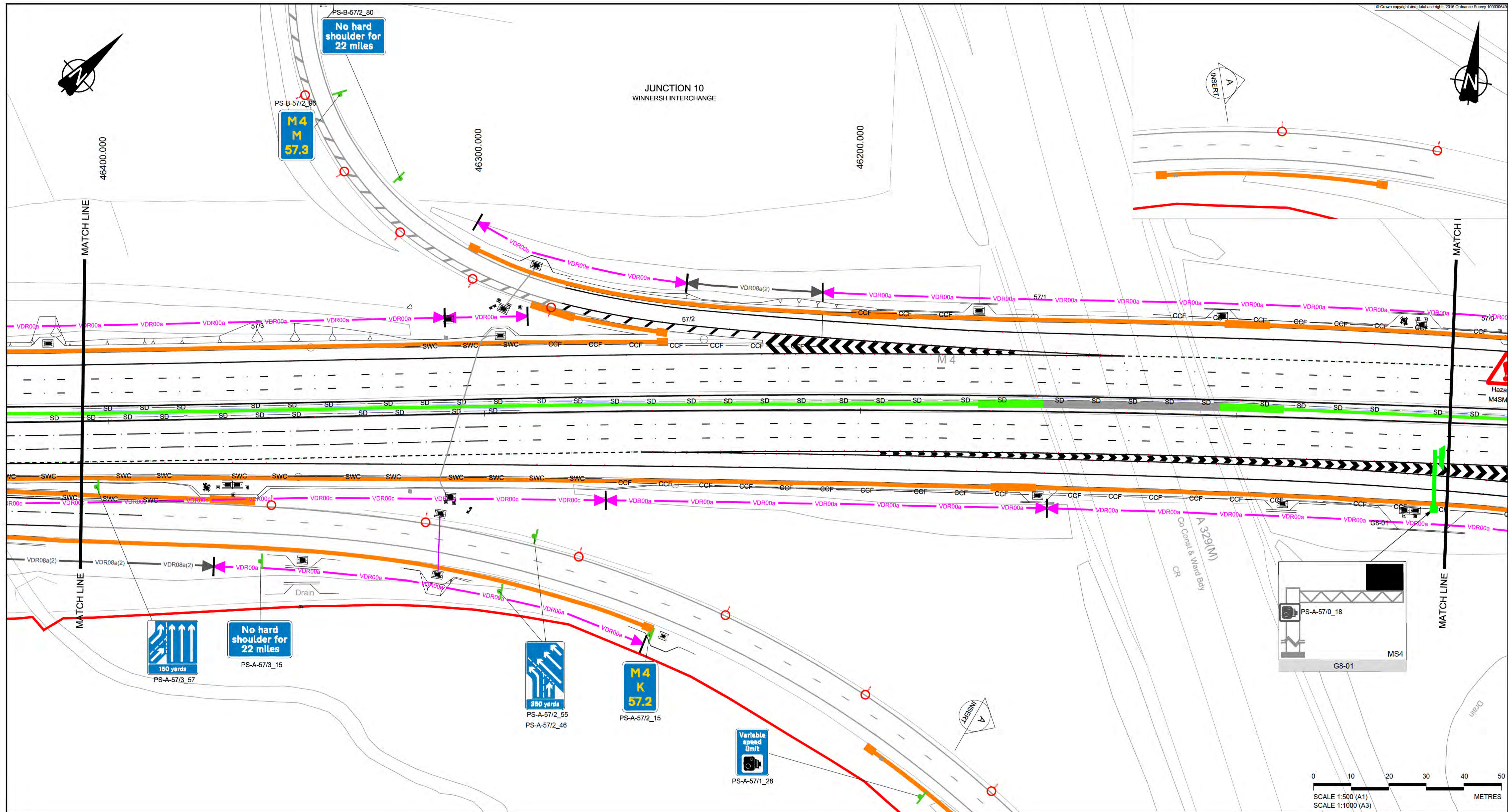
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 46 OF 91
CONTRACT 1
CH 46765 TO 46405

| | | | |
|------------------------------|-------------------|----------------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHHJ |
| Drawing number | Volume Location | Type Role Number | |
| | | | A1 |
| HGN-S1_ML000000_Z-DR-CH-1046 | | | |



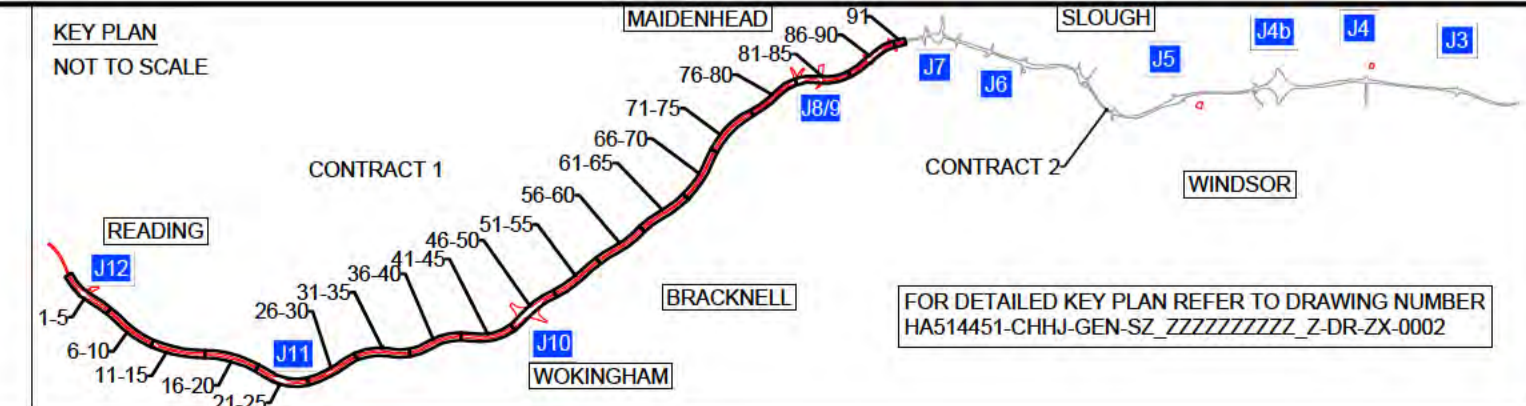
NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
 The following notes highlight significant (ie unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.

- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|-------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



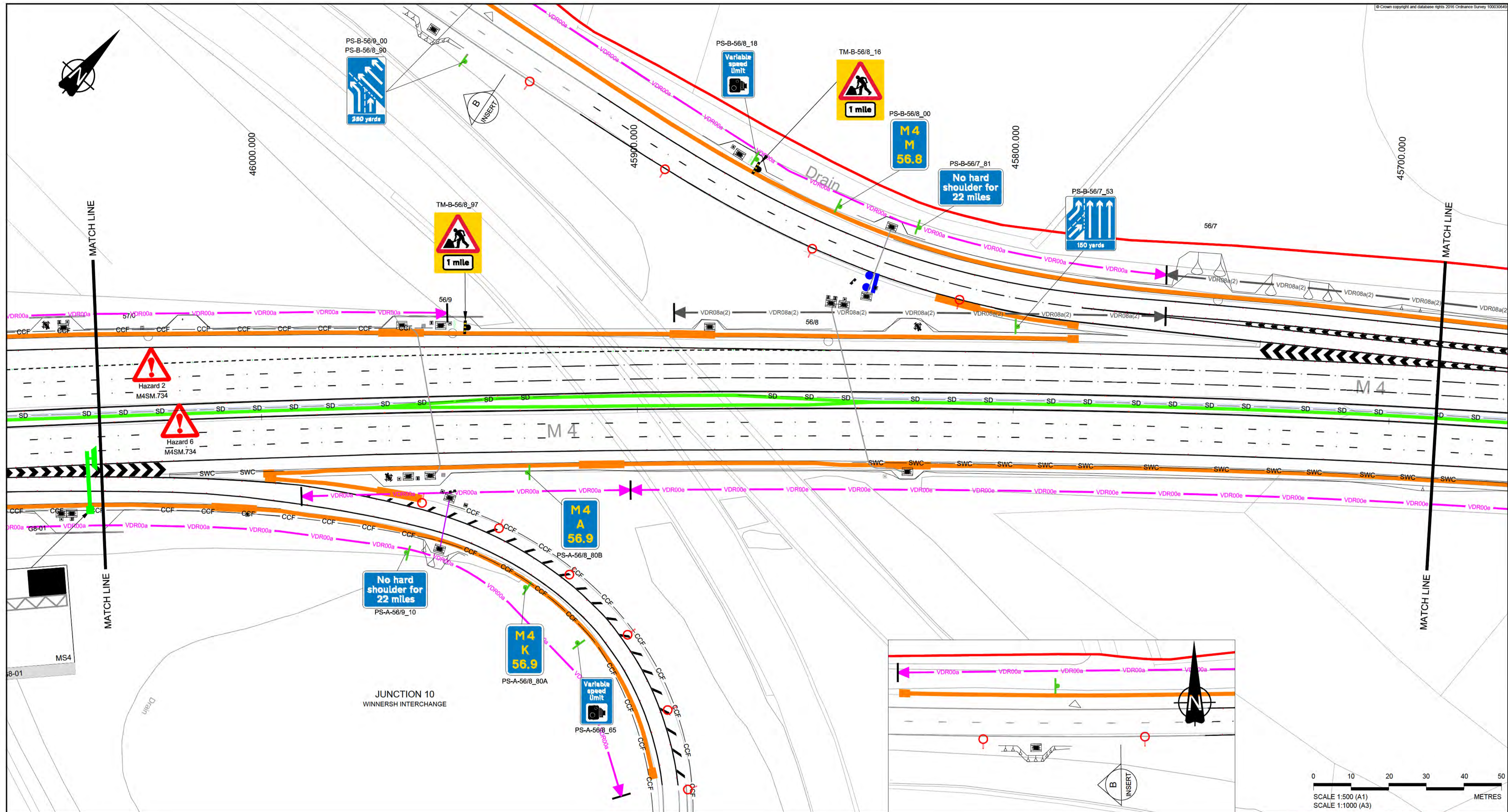
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 47 OF 91
CONTRACT 1
CH 46405 TO 46405

| | | | |
|-------------|------------|----------------------|------------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Original Size | A1 |
| Checked By | [REDACTED] | Volume Location | HGN-S1_ML000000_Z-DR-CH-1047 |
| Approved By | [REDACTED] | Type Role Number | |
| Project No. | HA PIN | Originator | CHHJ |



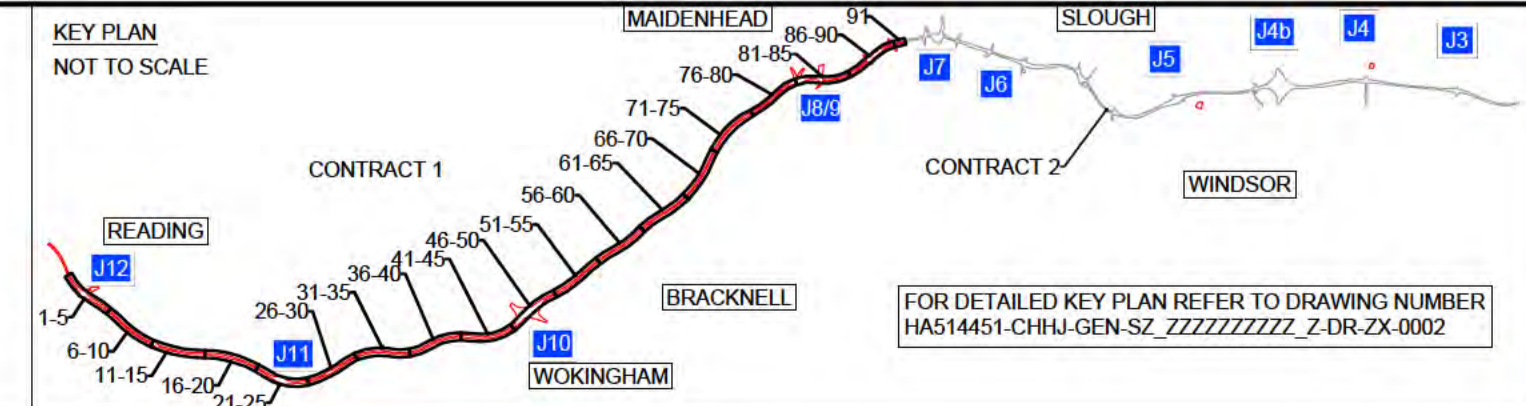
NOTES
1. REFER TO SHEET 0 FOR KEY AND NOTES

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- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| 001 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|---------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



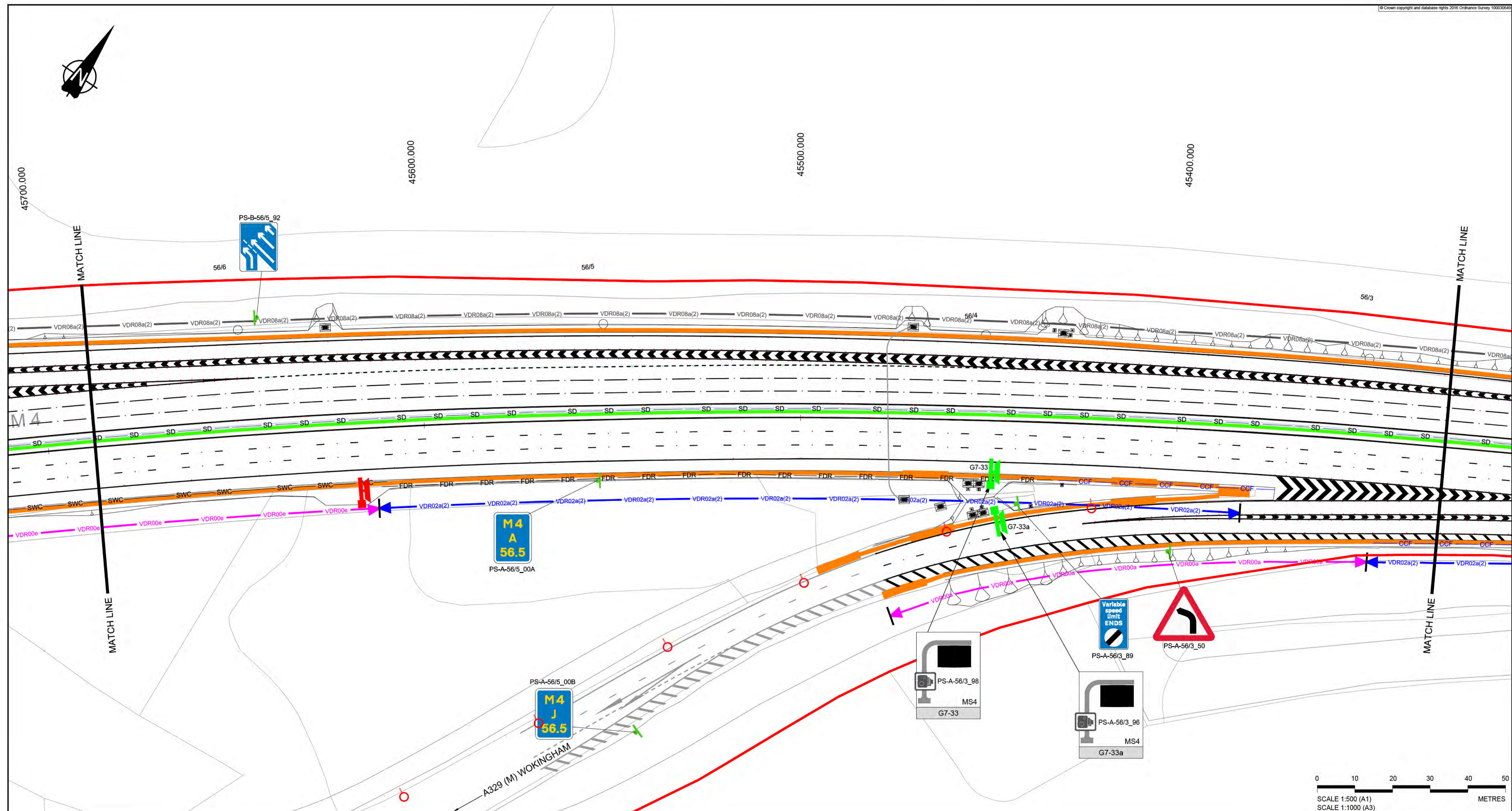
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 48 OF 91
CONTRACT 1
CH 46045 TO 45685

| | | | |
|----------------|------------------------------|-------------------|----------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1048 | Volume Location | Type Role Number |



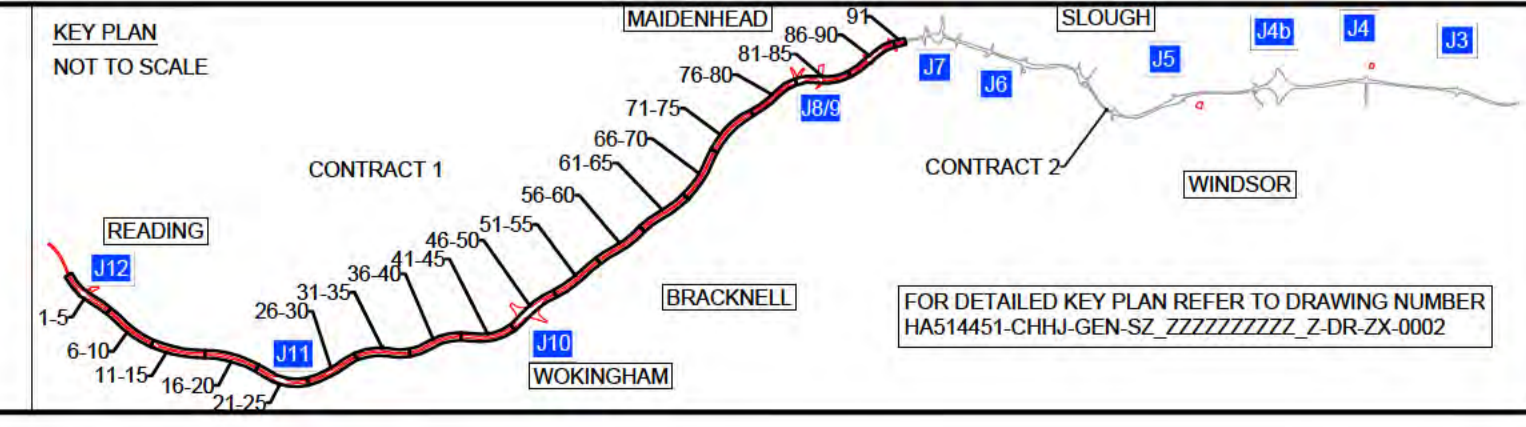
NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

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 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|-------|--------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |

CONSTRUCTION



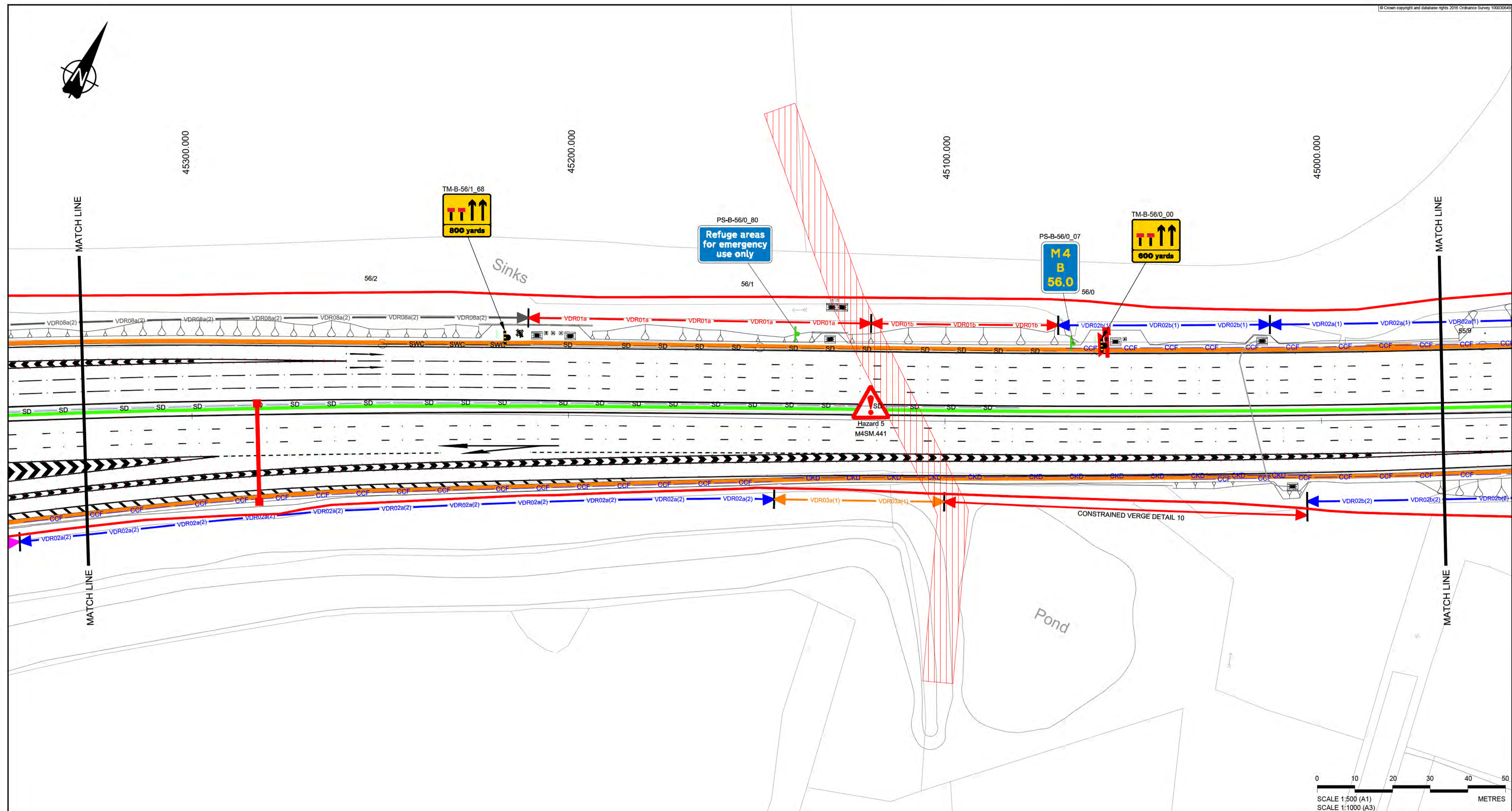
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 49 OF 91
CONTRACT 1
CH 45685 TO 45330

| | | | |
|----------------|------------------------------|----------------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN 1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1049 | Volume Location | 1 CH |
| Original Size | A1 | Type Role Number | |



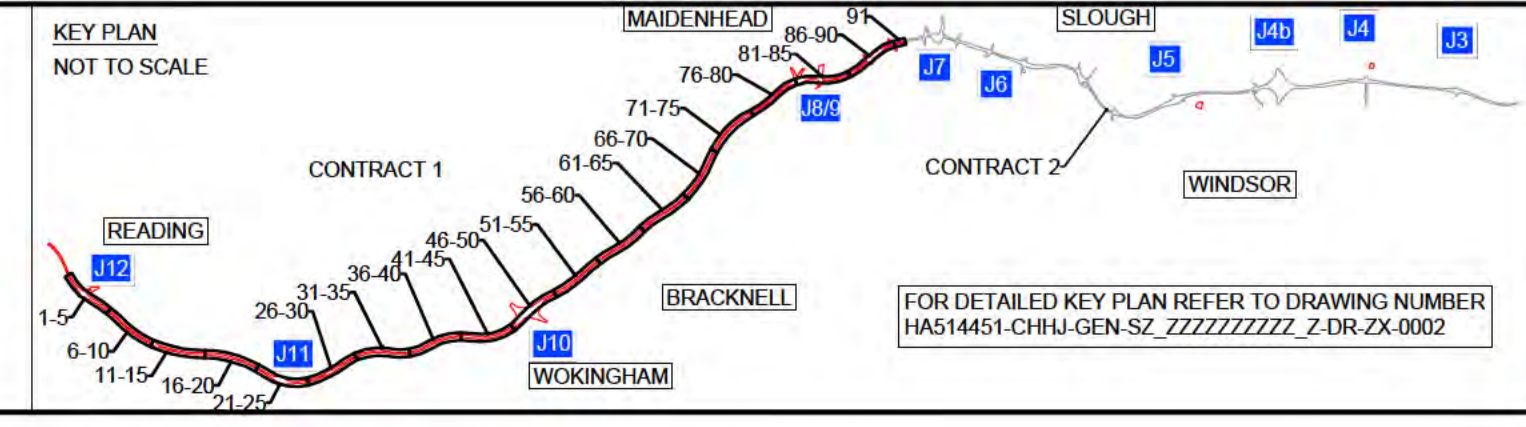
NOTES

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 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



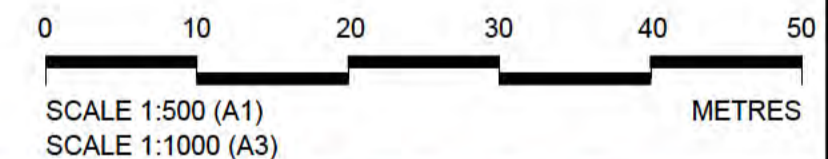
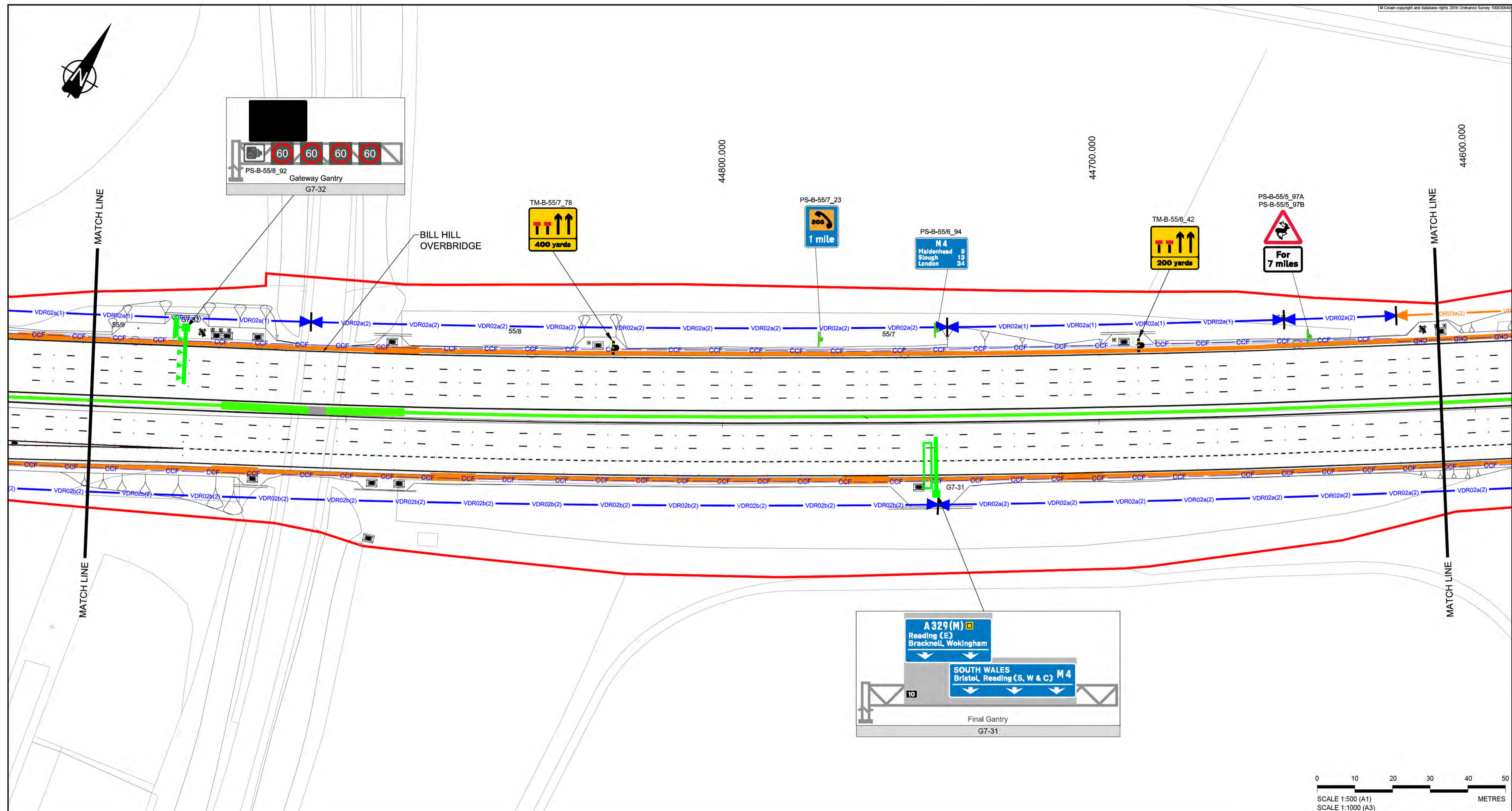
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 50 OF 91
CONTRACT 1
CH 45330 TO 44970

| | | | |
|----------------------|------------------------------|-------------------|------------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | | Checked By | |
| Approved By | | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHJ |
| Original Size | A1 | Volume Location | HGN-S1_ML000000_Z-DR-CH-1050 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1050 | | |
| Type Role Number | | | |



NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

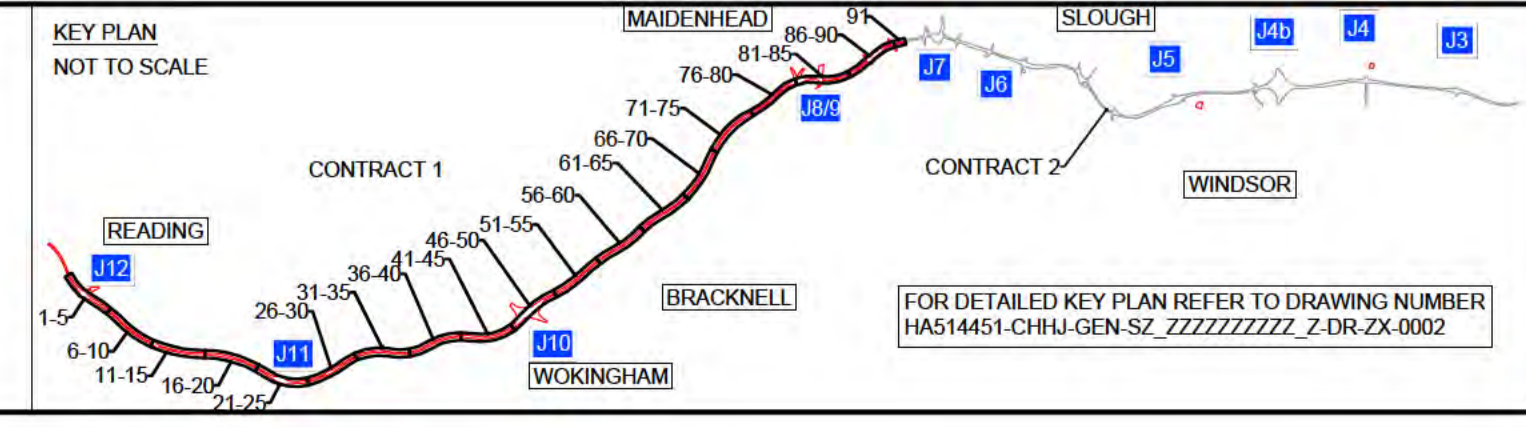
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Construction

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4. SIGNIFICANT FLORA OR FAUNA INTERACTION
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6. GROUND CONTAMINATION
7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
8. SIGNIFICANT TRAFFIC INTERACTION
9. GROUNDWATER OR FLOODWATER INTERACTION
10. CONFLICT WITH ACCESS
11. ABNORMAL GROUND CONDITIONS
12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|--------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



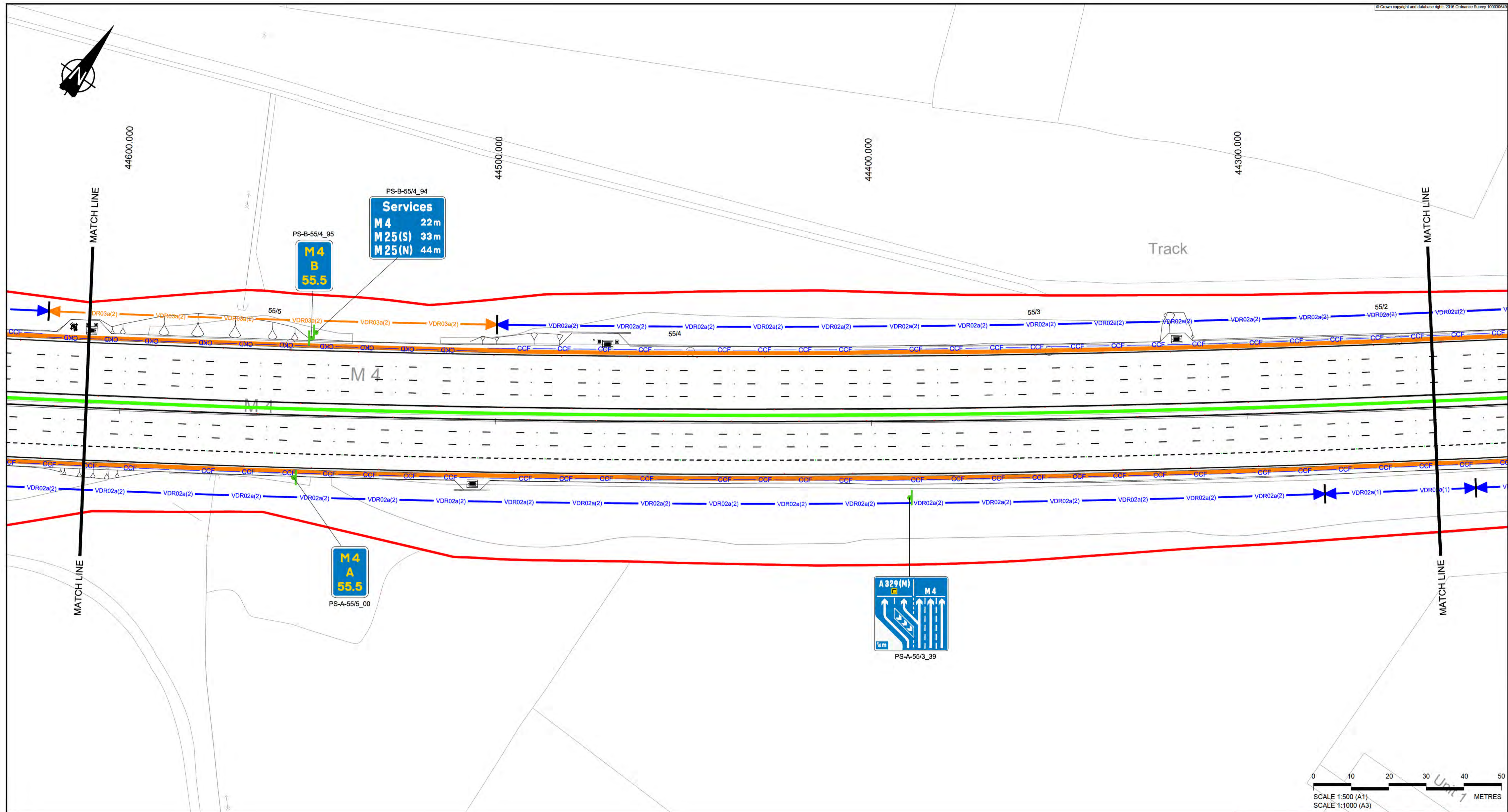
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 51 OF 91
CONTRACT 1
CH 44970 TO 44610

| | | | |
|----------------|------------------------------|-------------------|----------------------|
| Status | S4 | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHJHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1051 | Volume Location | Type Role Number |



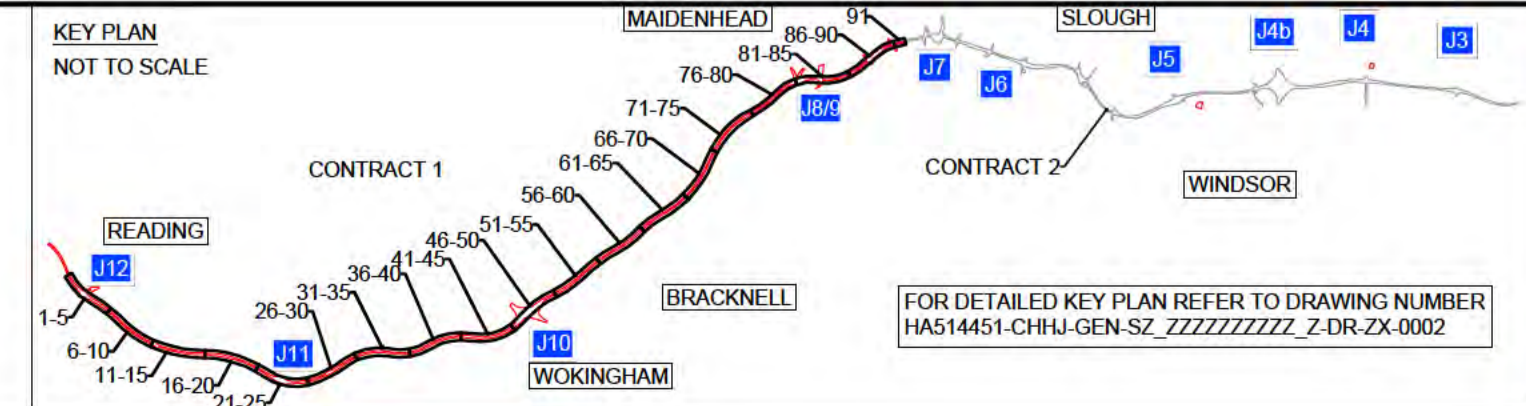
NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

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 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|---------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



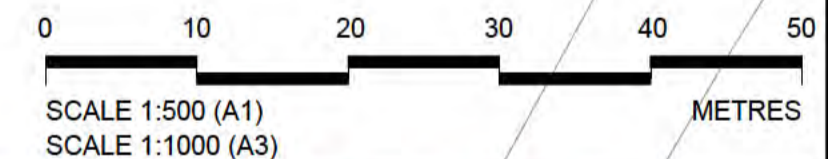
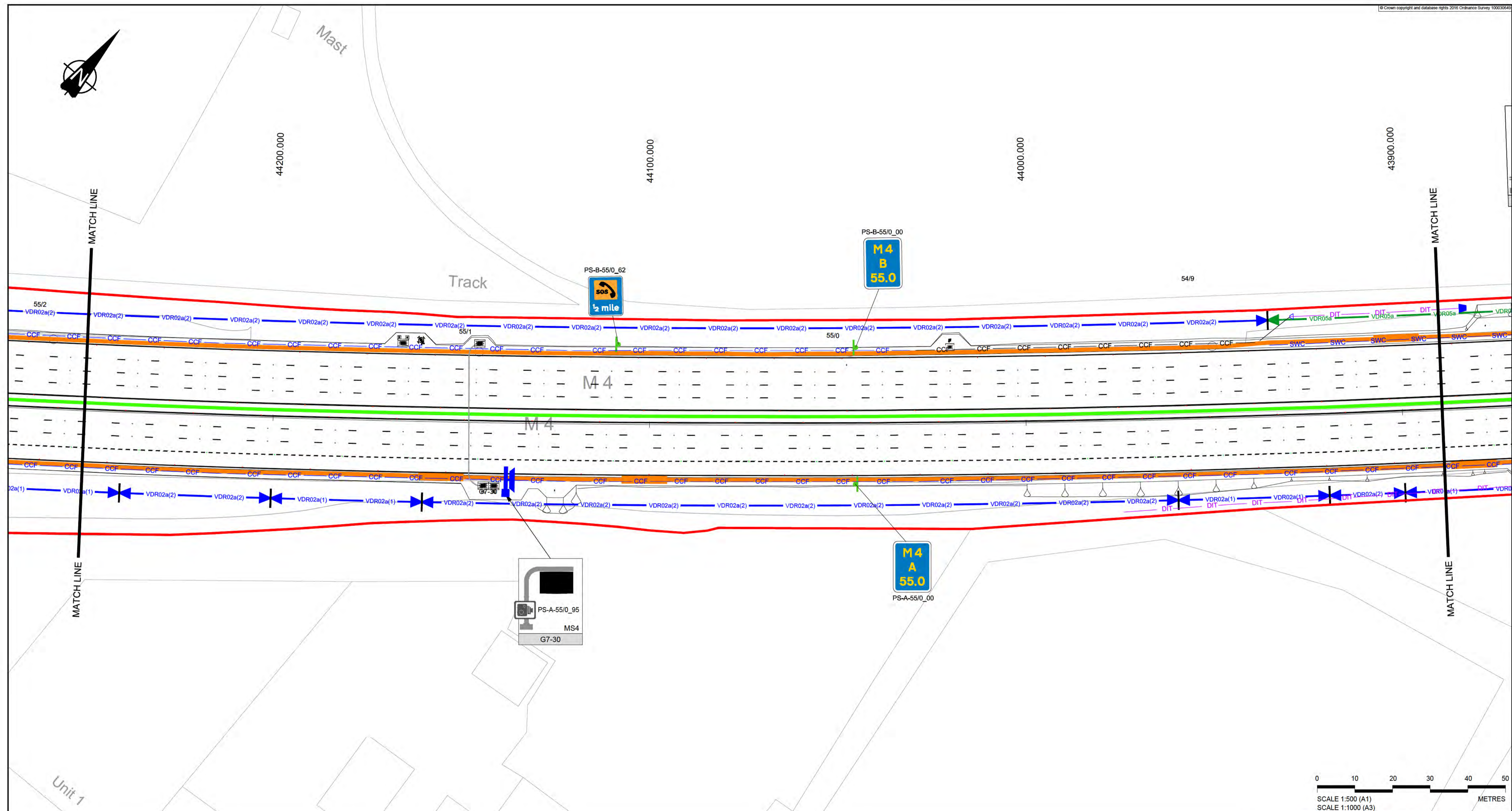
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 52 OF 91
CONTRACT 1
CH 44610 TO 44250

| | | | |
|----------------|------------------------------|-------------------|----------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1052 | Volume Location | Type Role Number |



NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

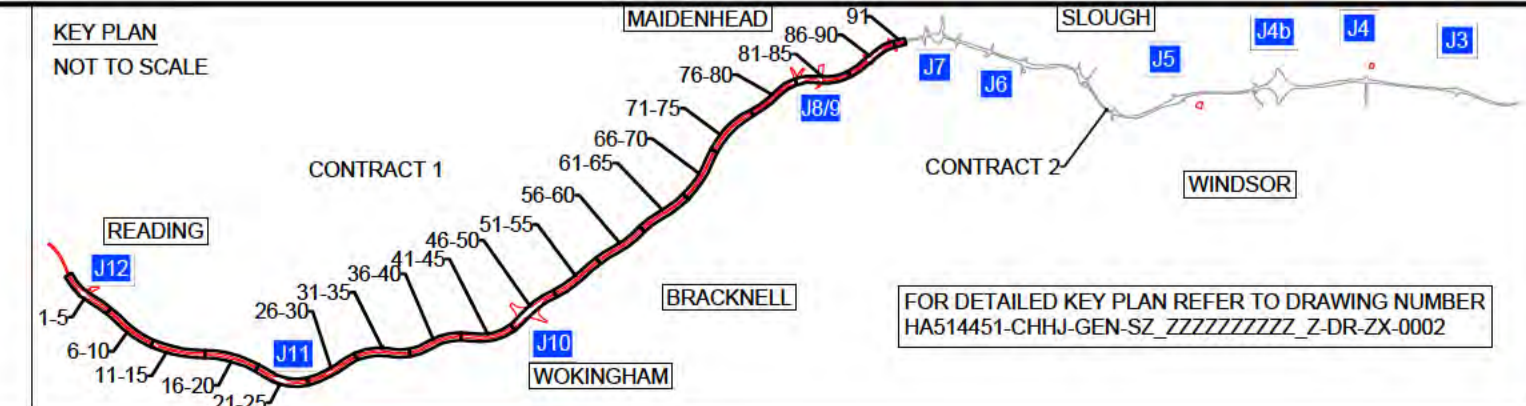
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

The following notes highlight significant (ie unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.

| Construction |
|---|
| 1. WORKING ADJACENT TO RAILWAY LINE |
| 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION |
| 3. RESTRICTED HEIGHT CLEARANCE |
| 4. SIGNIFICANT FLORA OR FAUNA INTERACTION |
| 5. OVERHEAD POWER LINE |
| 6. GROUND CONTAMINATION |
| 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION |
| 8. SIGNIFICANT TRAFFIC INTERACTION |
| 9. GROUNDWATER OR FLOODWATER INTERACTION |
| 10. CONFLICT WITH ACCESS |
| 11. ABNORMAL GROUND CONDITIONS |
| 12. EXISTING LIGHTING REMOVAL |

| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|-------|--------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



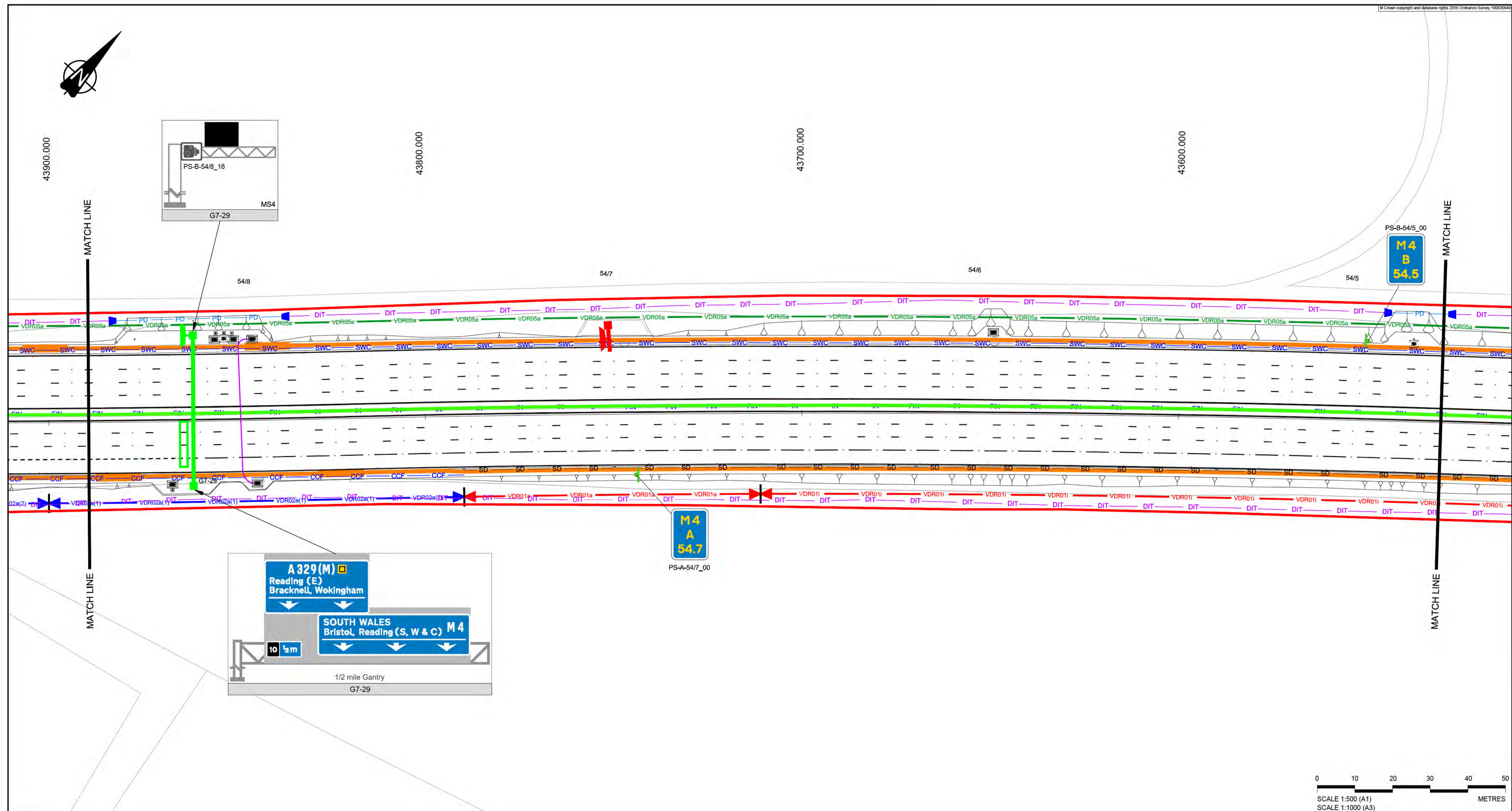
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 53 OF 91
CONTRACT 1
CH 44250 TO 43890

| | | | |
|----------------|------------------------------|-------------------|------------------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN Originator HA514451 CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1053 | Volume Location | Type Role Number |



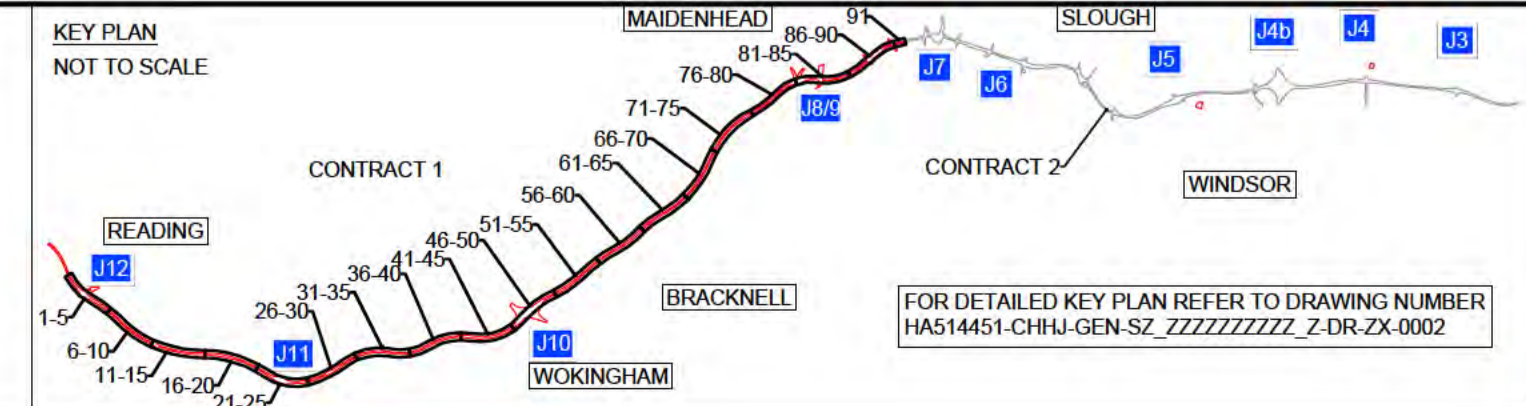
NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

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1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|--------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



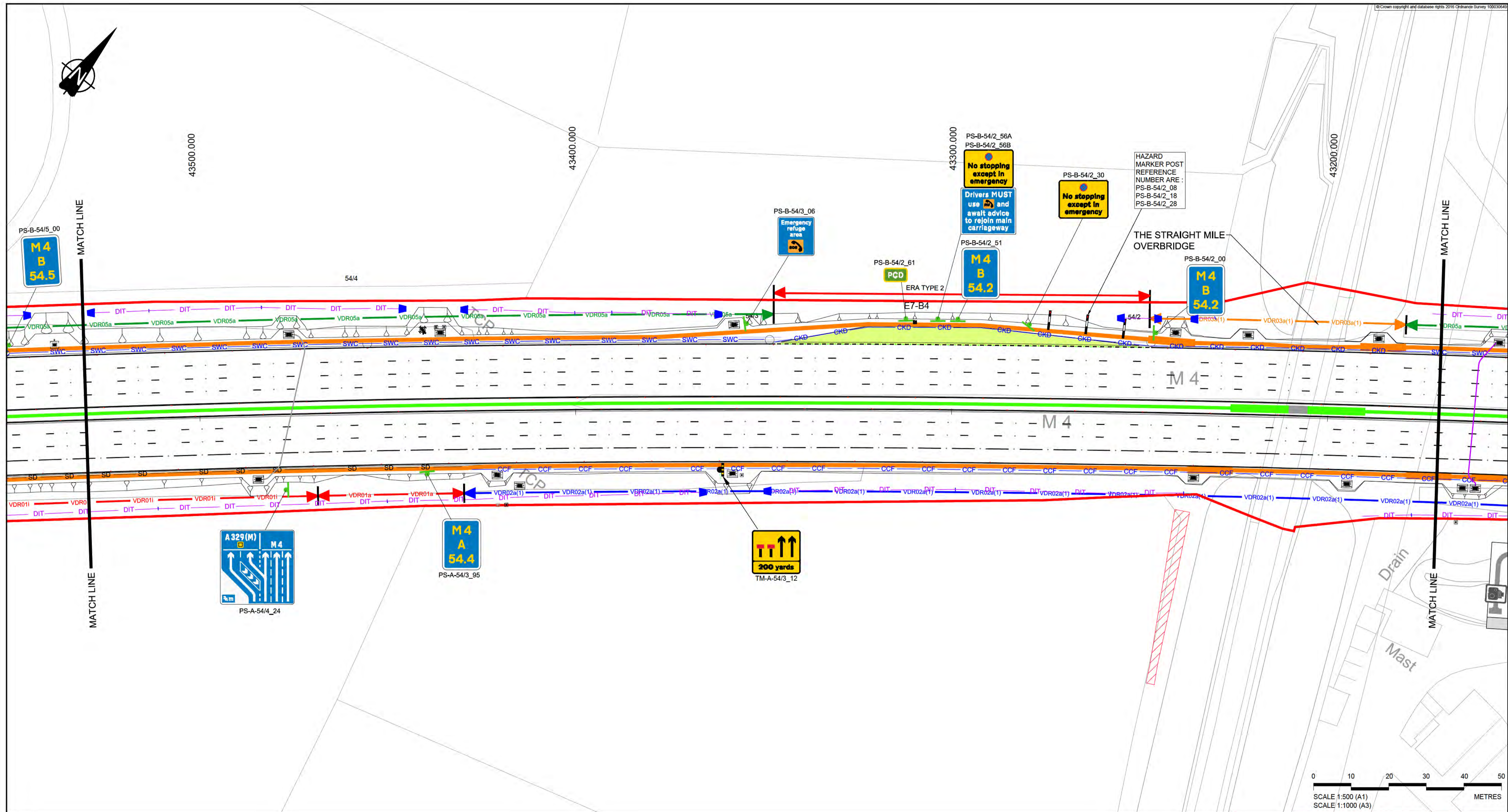
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 54 OF 91
CONTRACT 1
CH 43890 TO 43530

| | | | |
|-------------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Volume Location | HGN-S1_ML000000_Z-DR-CH-1054 | | |

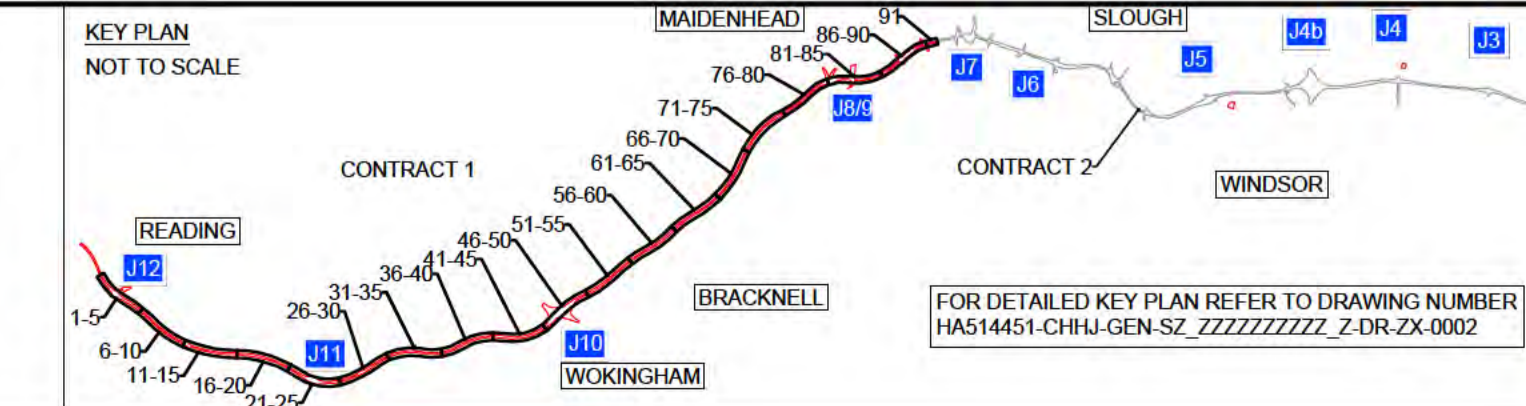


NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

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- Construction**
- WORKING ADJACENT TO RAILWAY LINE
 - TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 - RESTRICTED HEIGHT CLEARANCE
 - SIGNIFICANT FLORA OR FAUNA INTERACTION
 - OVERHEAD POWER LINE
 - GROUND CONTAMINATION
 - SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 - SIGNIFICANT TRAFFIC INTERACTION
 - GROUNDWATER OR FLOODWATER INTERACTION
 - CONFLICT WITH ACCESS
 - ABNORMAL GROUND CONDITIONS
 - EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|---------|---------|
| 001 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



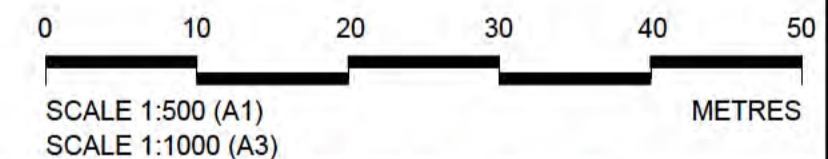
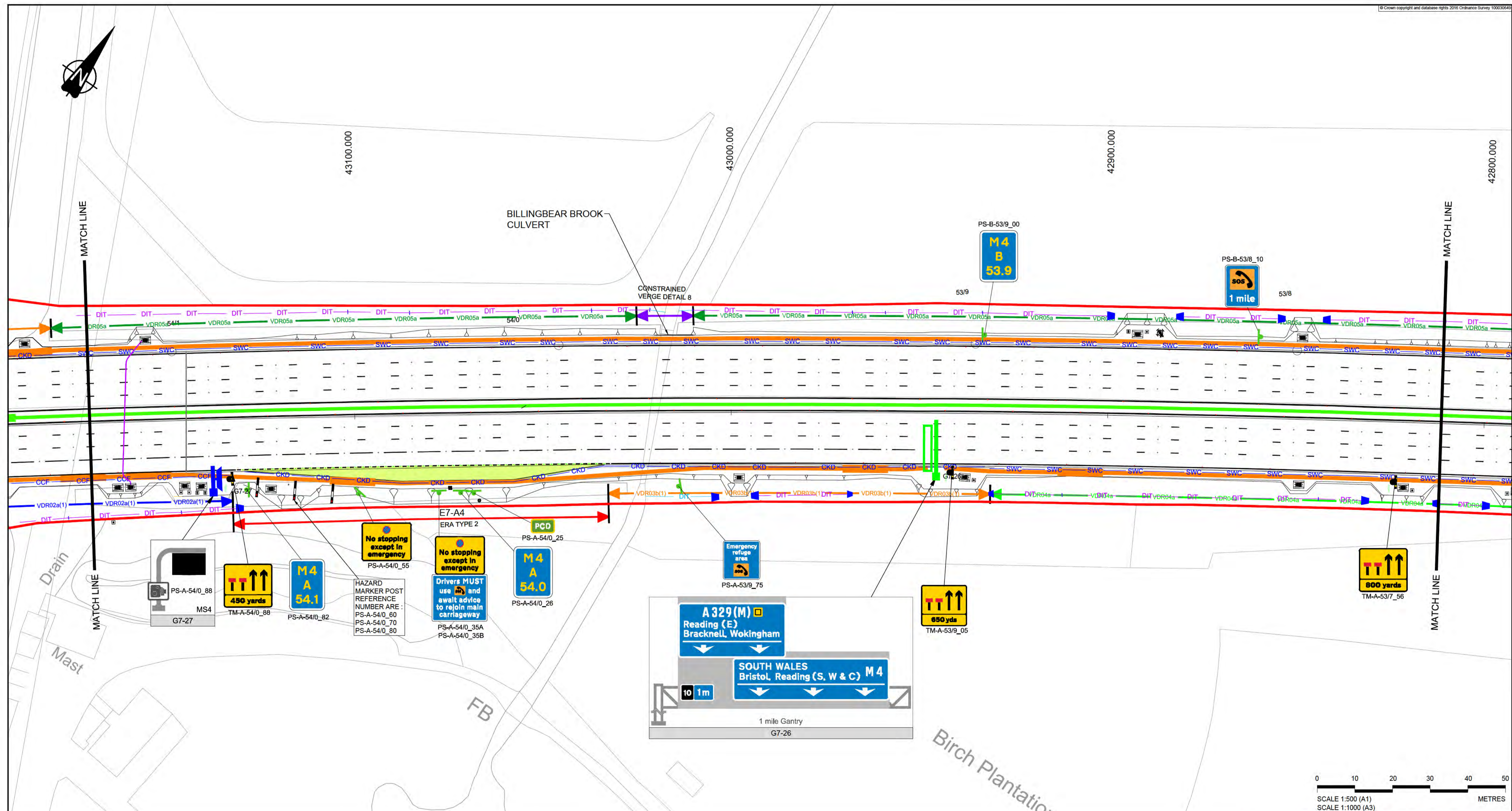
Client

DELIVERING THROUGH
ch2m **ARCADIS**

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 55 OF 91
CONTRACT 1
CH 43530 TO 43170

| | | | |
|----------------|------------------------------|---------------|--------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN 1 Originator CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1055 | Original Size | A1 |

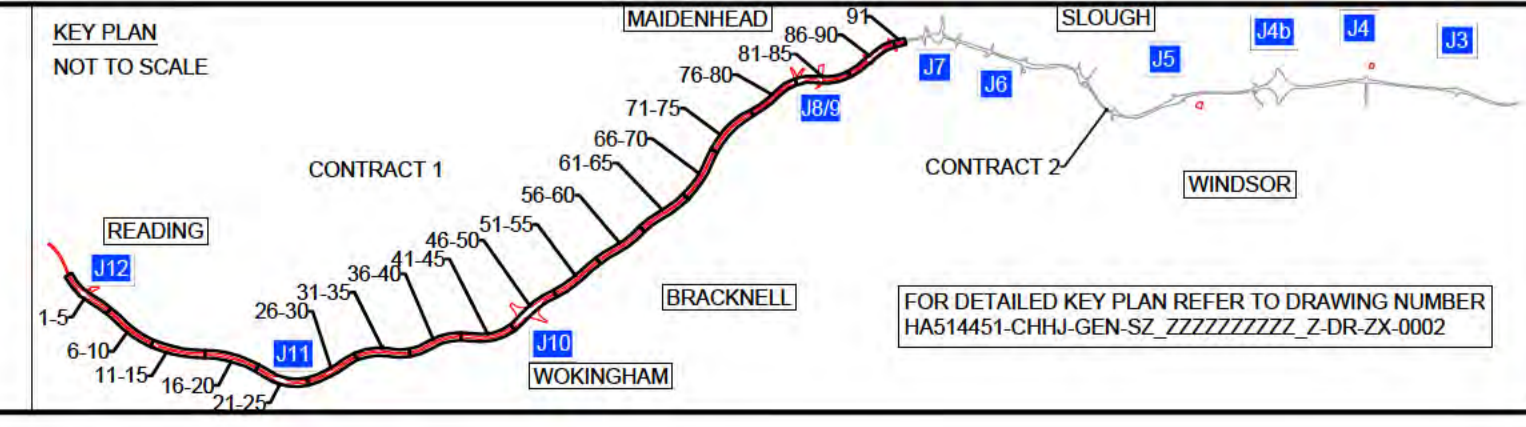


NOTES
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 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|---------|---------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



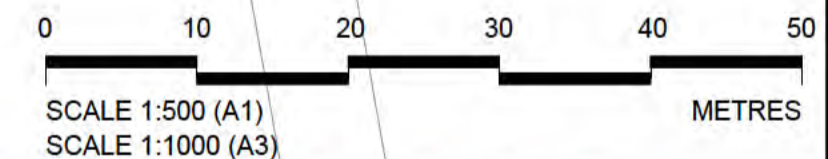
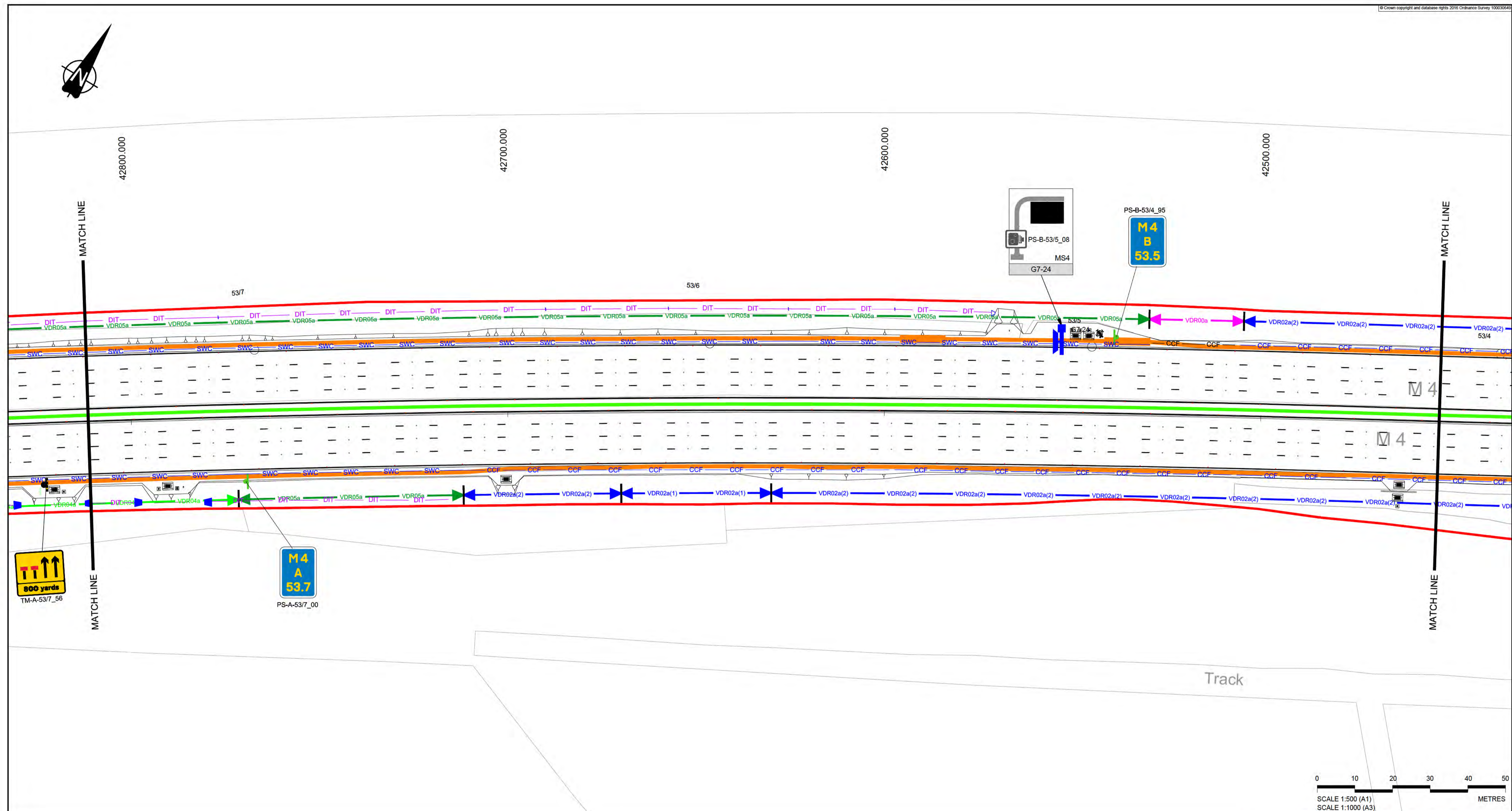
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
 SHEET 56 OF 91
 CONTRACT 1
 CH 43170 TO 42810

| | | | |
|------------------------------|-------------------|----------------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHHJ |
| Drawing number | Volume Location | Type Role Number | |
| | | | A1 |
| HGN-S1_ML000000_Z-DR-CH-1056 | | | |



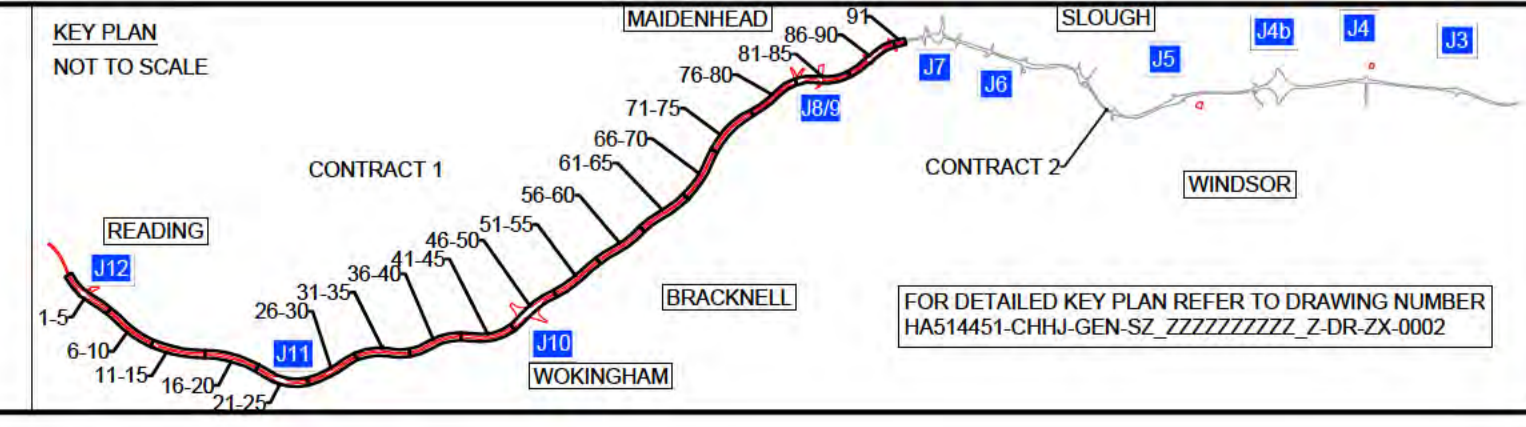
NOTES

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 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|--------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



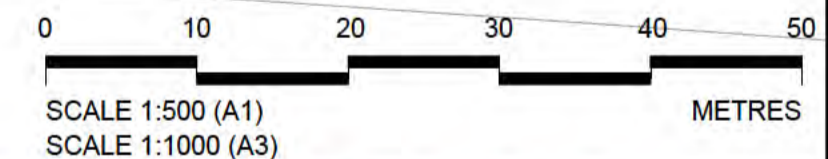
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 57 OF 91
CONTRACT 1
CH 42810 TO 42455

| | | | |
|----------------|------------------------------|-------------------|----------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1057 | Volume Location | Type Role Number |



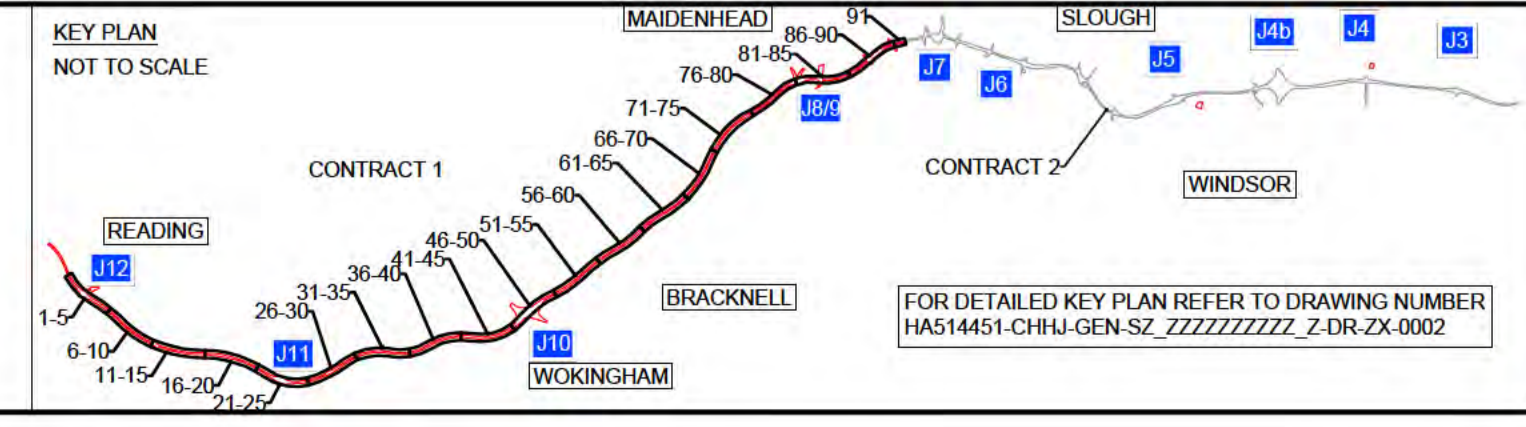
NOTES

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 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|-------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



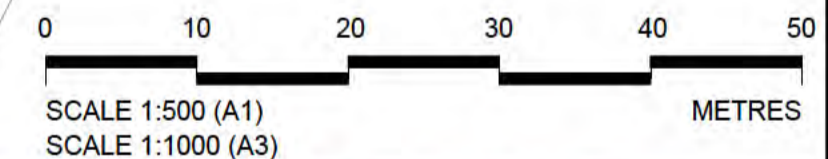
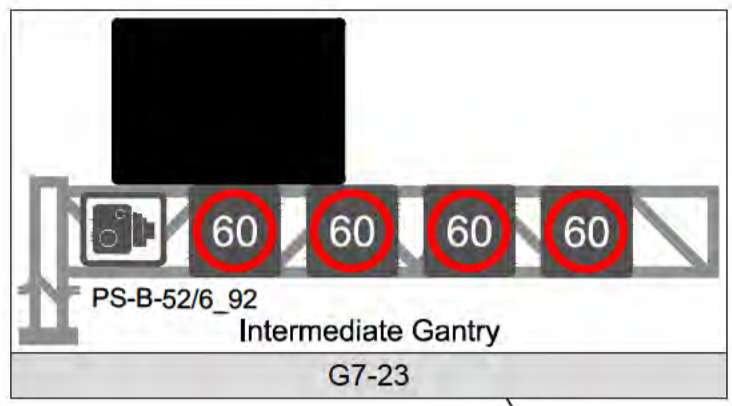
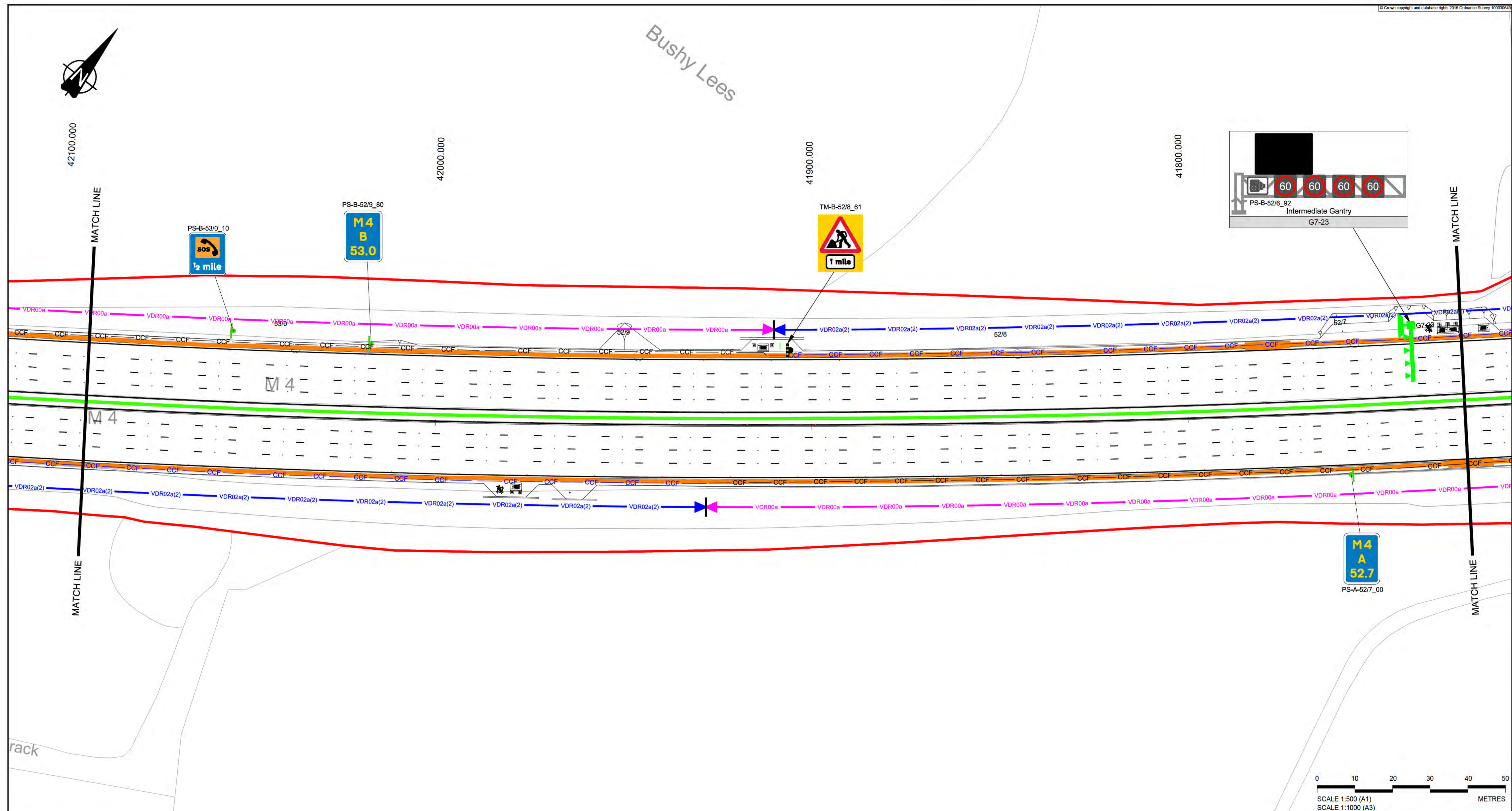
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 58 OF 91
CONTRACT 1
CH 42455 TO 42095

| | | | |
|----------------|------------------------------|----------------------|-------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN Originator |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1058 | Volume Location | CHHJ |
| | | Type Role Number | A1 |

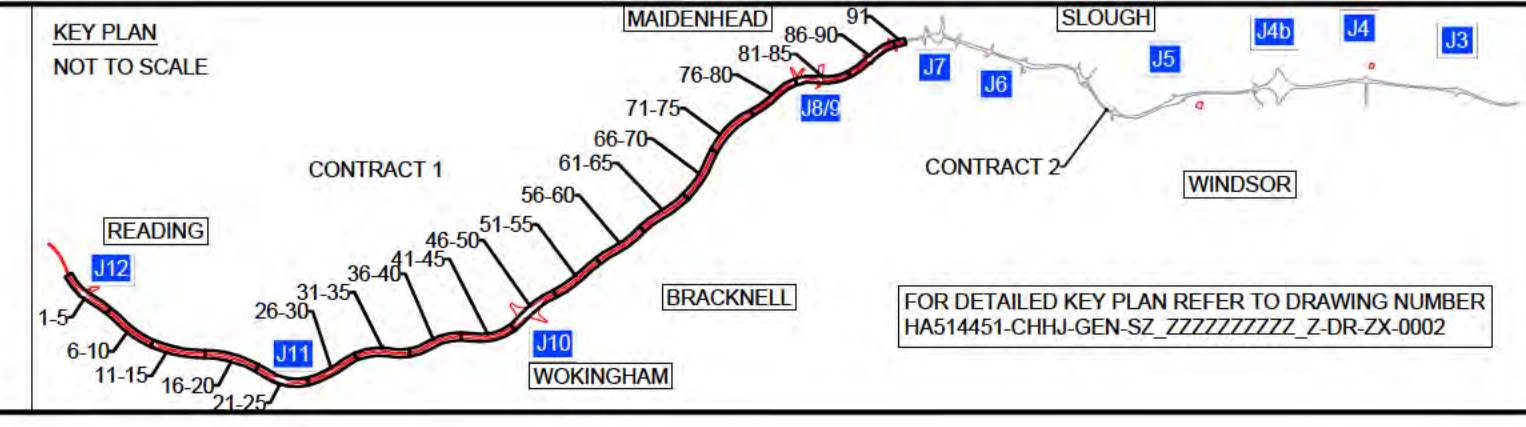


NOTES
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 - 3. RESTRICTED HEIGHT CLEARANCE
 - 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 - 5. OVERHEAD POWER LINE
 - 6. GROUND CONTAMINATION
 - 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 - 8. SIGNIFICANT TRAFFIC INTERACTION
 - 9. GROUNDWATER OR FLOODWATER INTERACTION
 - 10. CONFLICT WITH ACCESS
 - 11. ABNORMAL GROUND CONDITIONS
 - 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|--------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



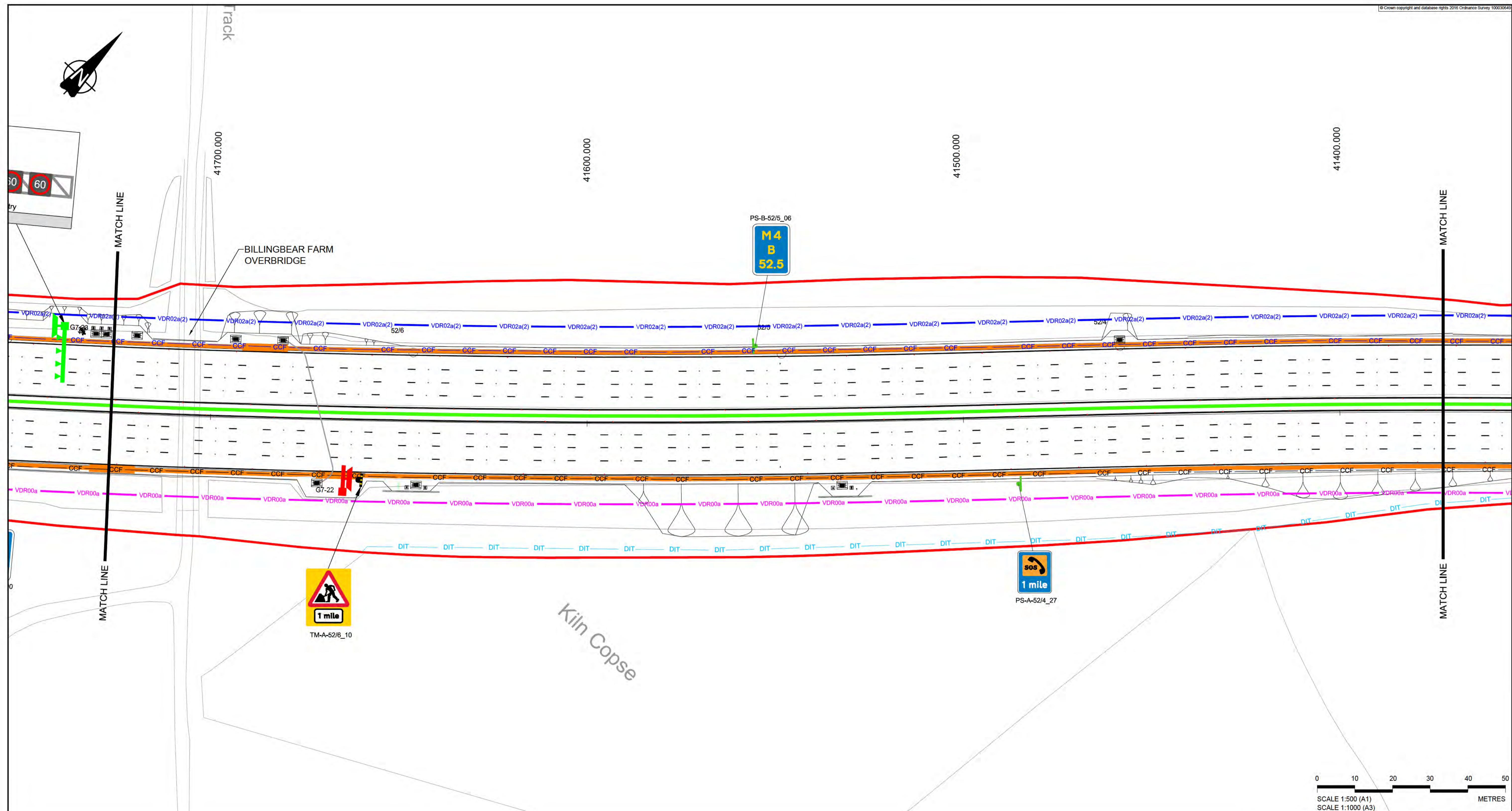
Client

DELIVERING THROUGH
ch2m **ARCADIS**

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 59 OF 91
CONTRACT 1
CH 42095 TO 41725

| | | | |
|----------------|------------------------------|---------------|--------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN 1 Originator CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1059 | Original Size | A1 |



NOTES

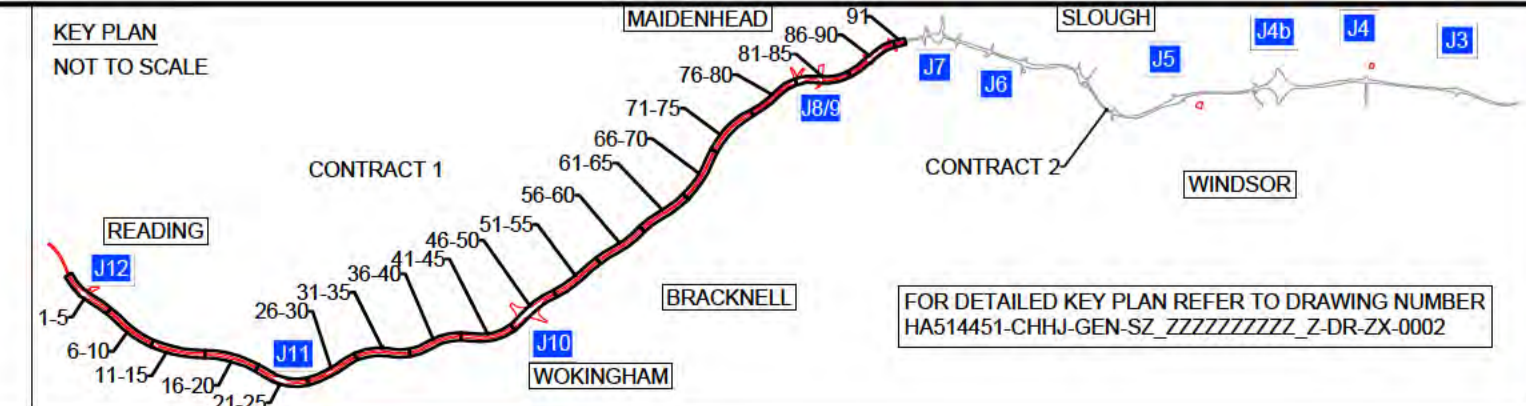
1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|-------|--------|
| 001 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



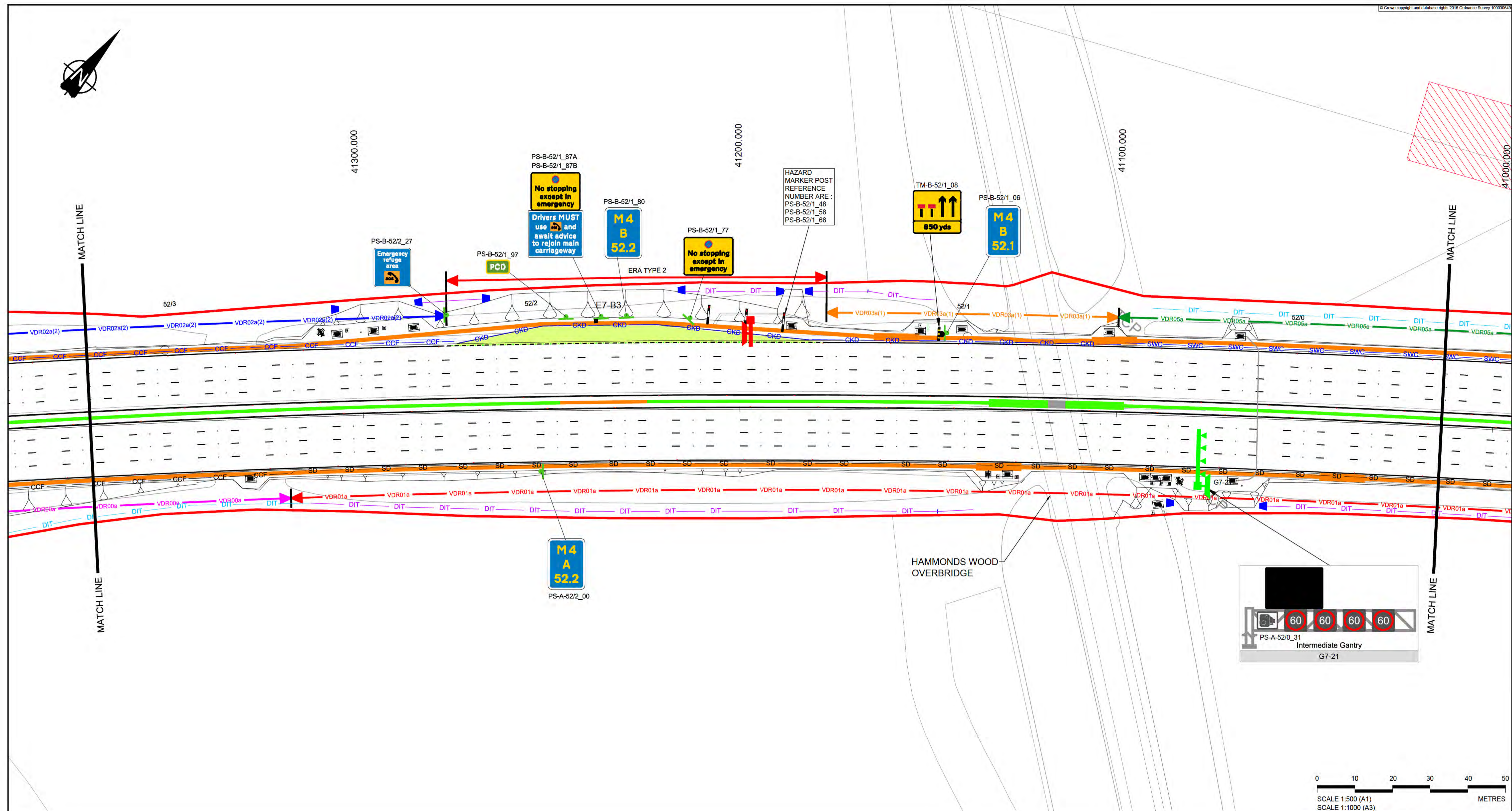
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 60 OF 91
CONTRACT 1
CH 41725 TO 41375

| | | | |
|----------------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | | Checked By | |
| Approved By | | Project No. | HA PIN |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1060 | Originator | CHJJ |
| Volume Location | | Original Size | A1 |
| Type Role Number | | | |



NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

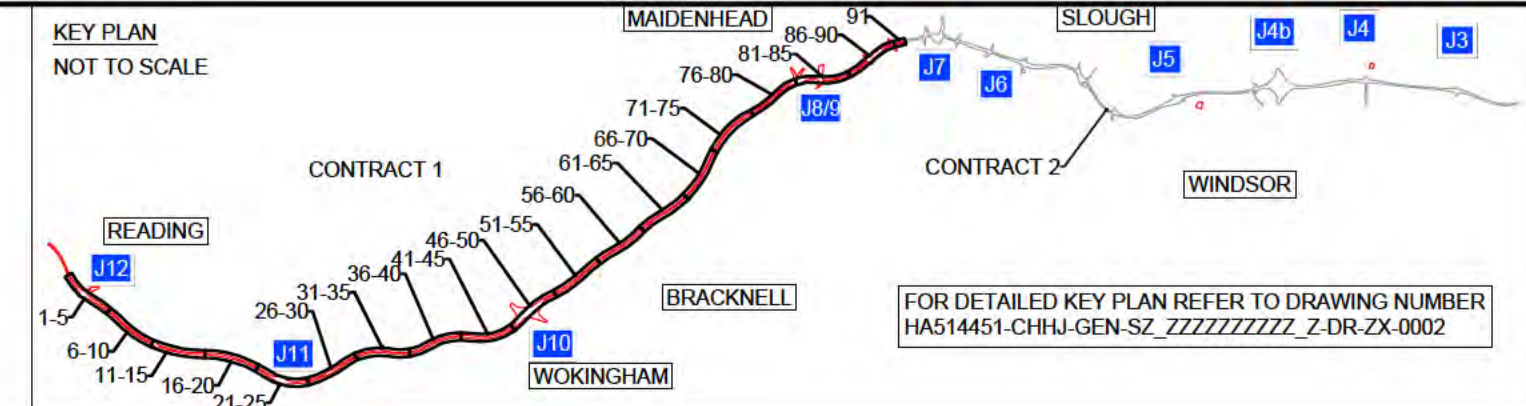
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 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
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 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|---------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



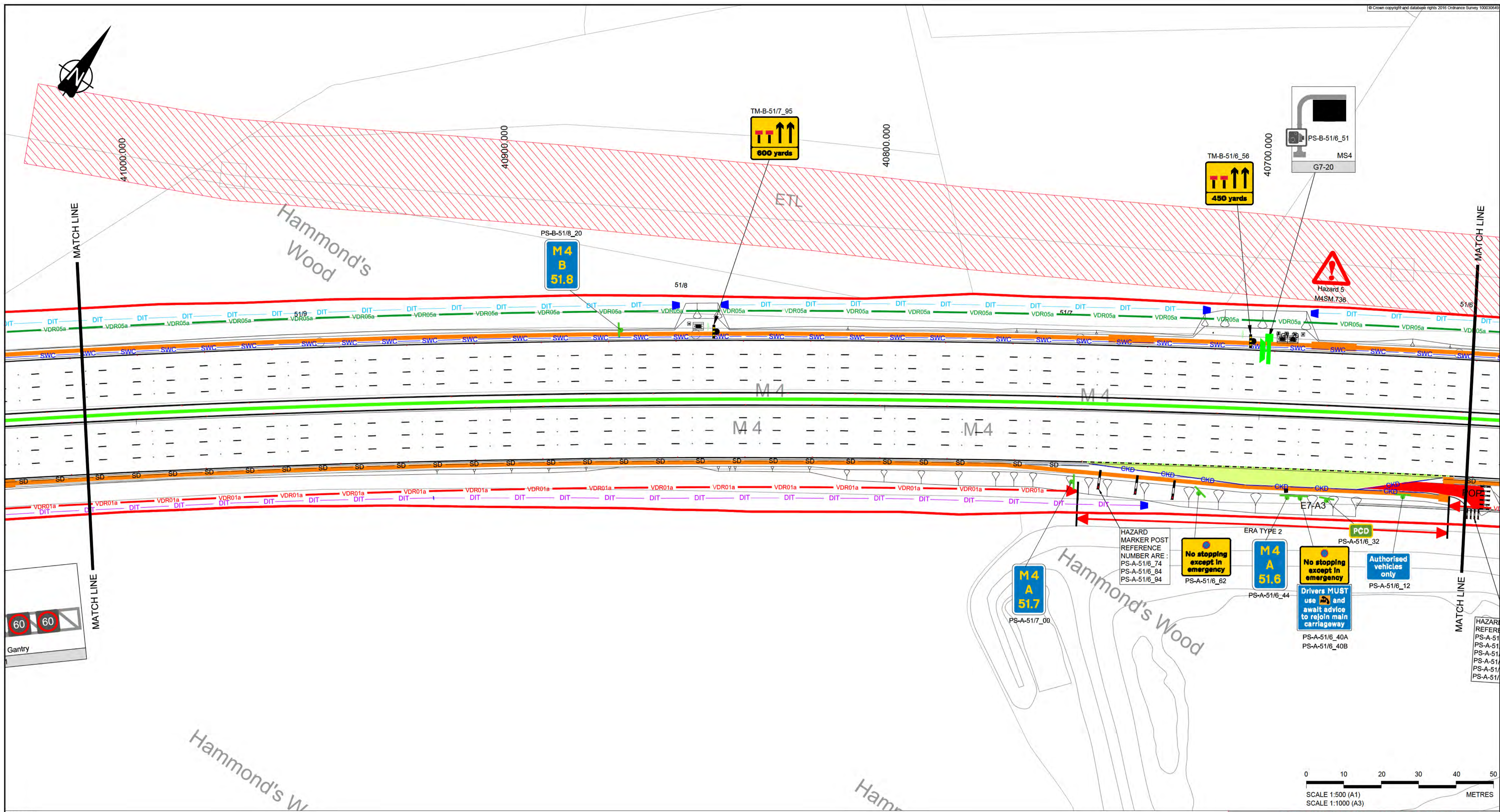
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 61 OF 91
CONTRACT 1
CH 41375 TO 41015

| | | | |
|------------------------------|-------------------|----------------------|---------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHHJ |
| Drawing number | Volume Location | Type Role Number | Original Size |
| HGN-S1_ML000000_Z-DR-CH-1061 | | | A1 |

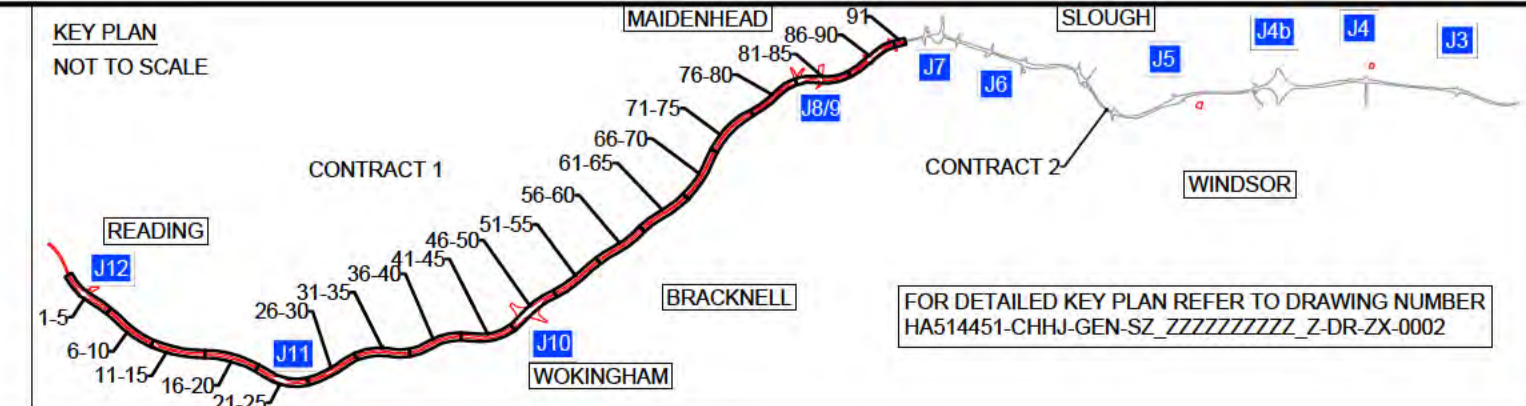


NOTES
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 8. SIGNIFICANT TRAFFIC INTERACTION
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 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



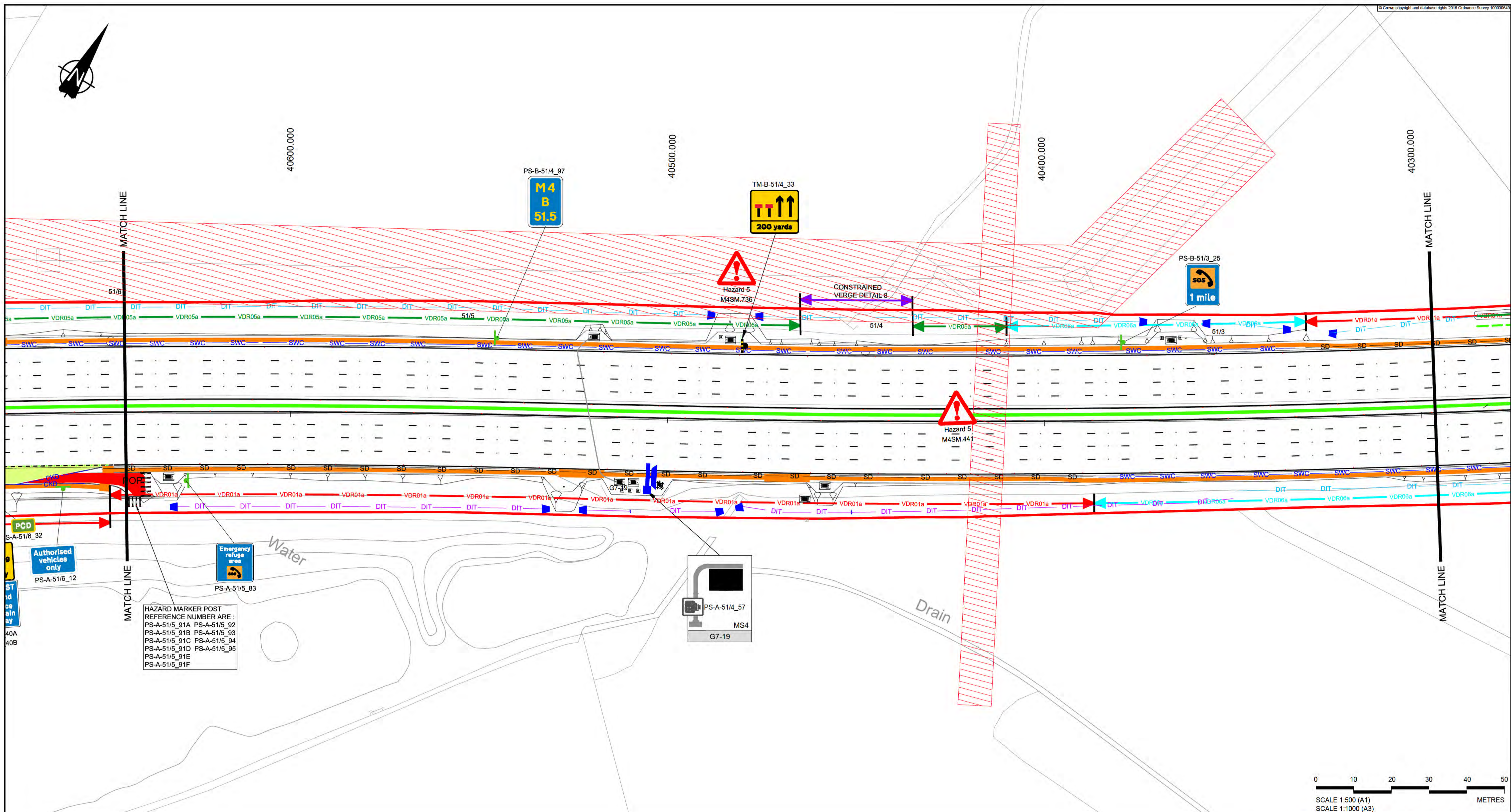
Client

DELIVERING THROUGH

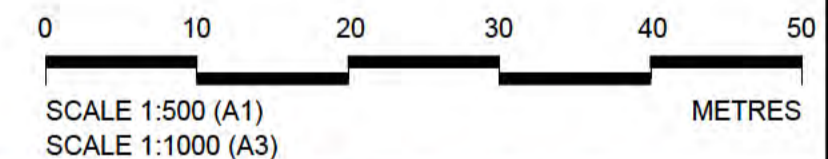
Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 62 OF 91
CONTRACT 1
CH 41015 TO 40645

| | | | |
|----------------|------------------------------|-------------------|----------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1062 | Volume / Location | Type / Role / Number |



HAZARD MARKER POST REFERENCE NUMBER ARE:
 PS-A-51/5_91A PS-A-51/5_92
 PS-A-51/5_91B PS-A-51/5_93
 PS-A-51/5_91C PS-A-51/5_94
 PS-A-51/5_91D PS-A-51/5_95
 PS-A-51/5_91E PS-A-51/5_91F

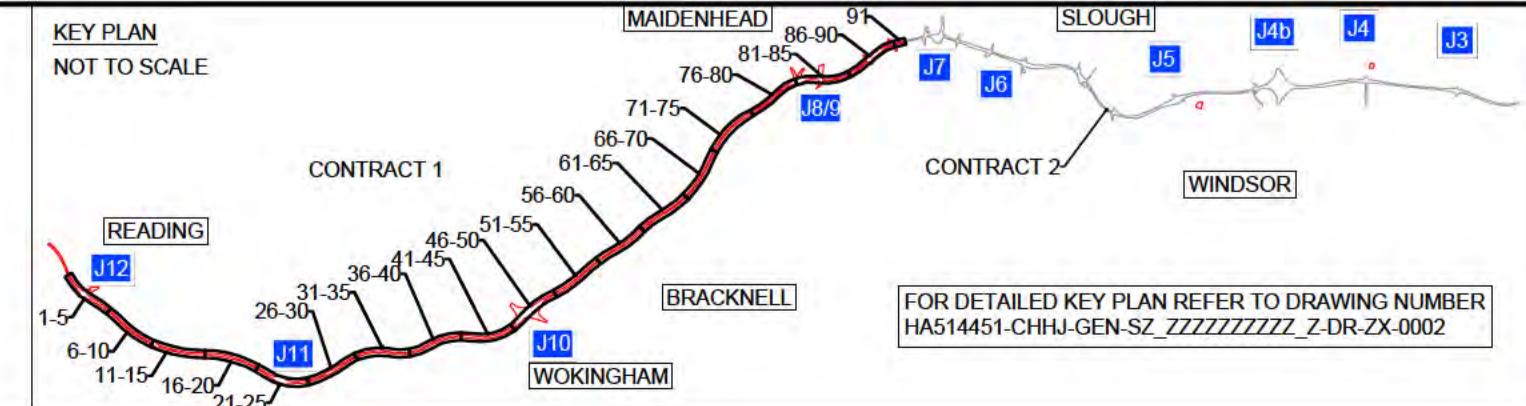


NOTES
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 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Appr'd |
|-----|--------|------------|------------------------|-------|---------|--------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |

CONSTRUCTION



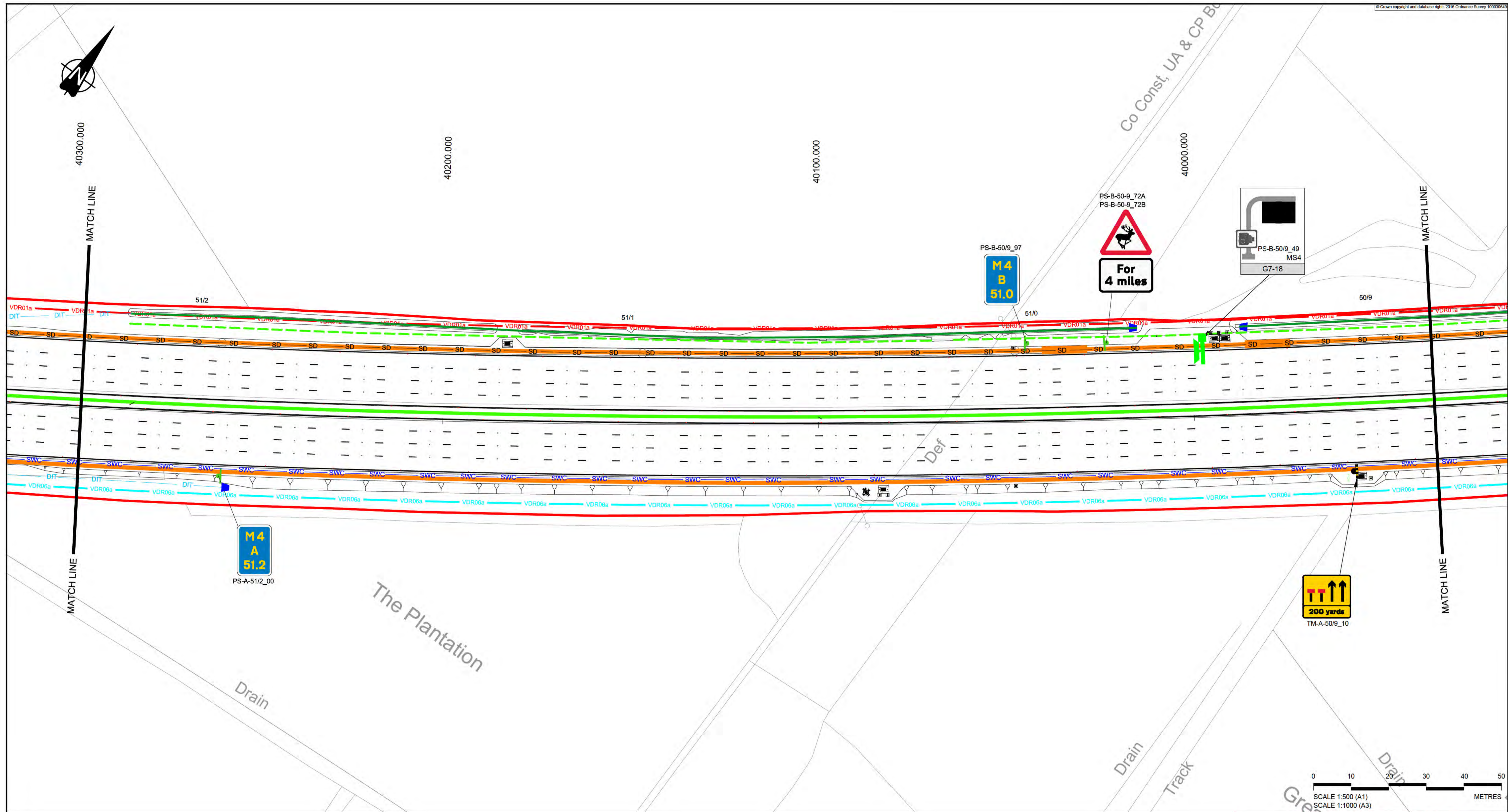
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12

Drawing title
 GENERAL ARRANGEMENT
 SHEET 63 OF 91
 CONTRACT 1
 CH 40645 TO 40295

| Status | Revision |
|------------------------------|--|
| A | C01 |
| Scale 1:500 | Date 06/07/2018 |
| Drawn By | Checked By |
| Approved By | Project No. |
| HA PIN | Originator |
| CHHJ | CHHJ |
| Original Size A1 | Drawing number |
| HGN-S1_ML000000_Z-DR-CH-1063 | Volume Location Type Role Number |
| | HGN-S1_ML000000_Z-DR-CH-1063 |



NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

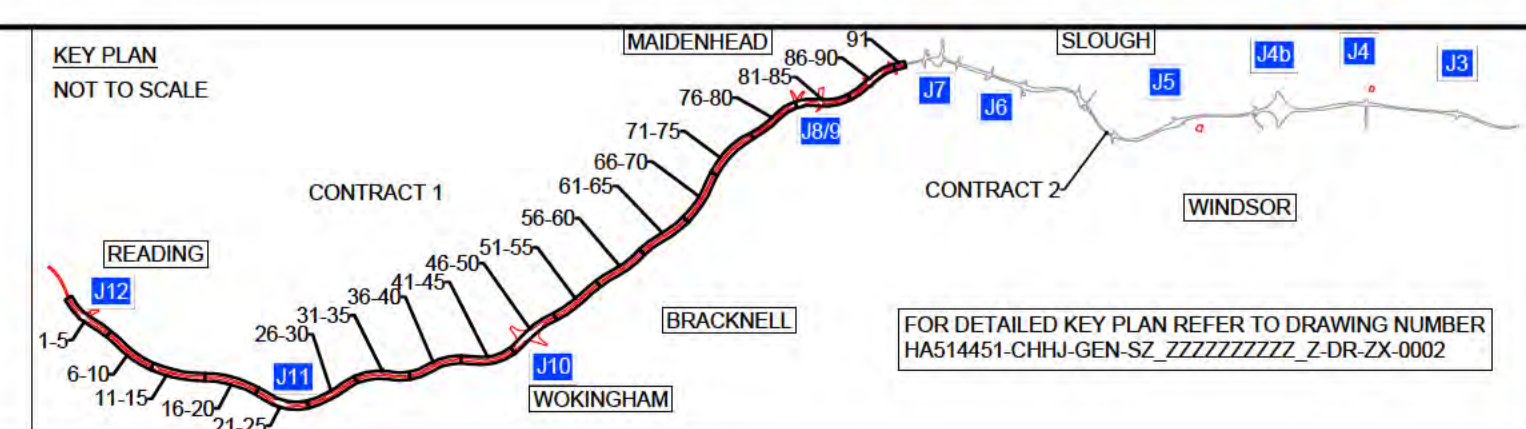
The following notes highlight significant (or unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.

Construction

1. WORKING ADJACENT TO RAILWAY LINE
2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
3. RESTRICTED HEIGHT CLEARANCE
4. SIGNIFICANT FLORA OR FAUNA INTERACTION
5. OVERHEAD POWER LINE
6. GROUND CONTAMINATION
7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
8. SIGNIFICANT TRAFFIC INTERACTION
9. GROUNDWATER OR FLOODWATER INTERACTION
10. CONFLICT WITH ACCESS
11. ABNORMAL GROUND CONDITIONS
12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|-------|--------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



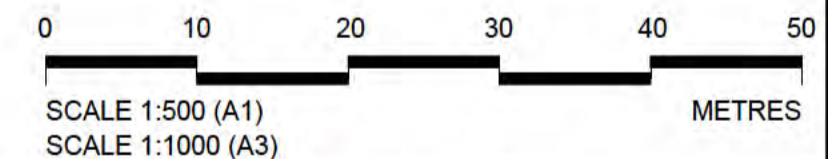
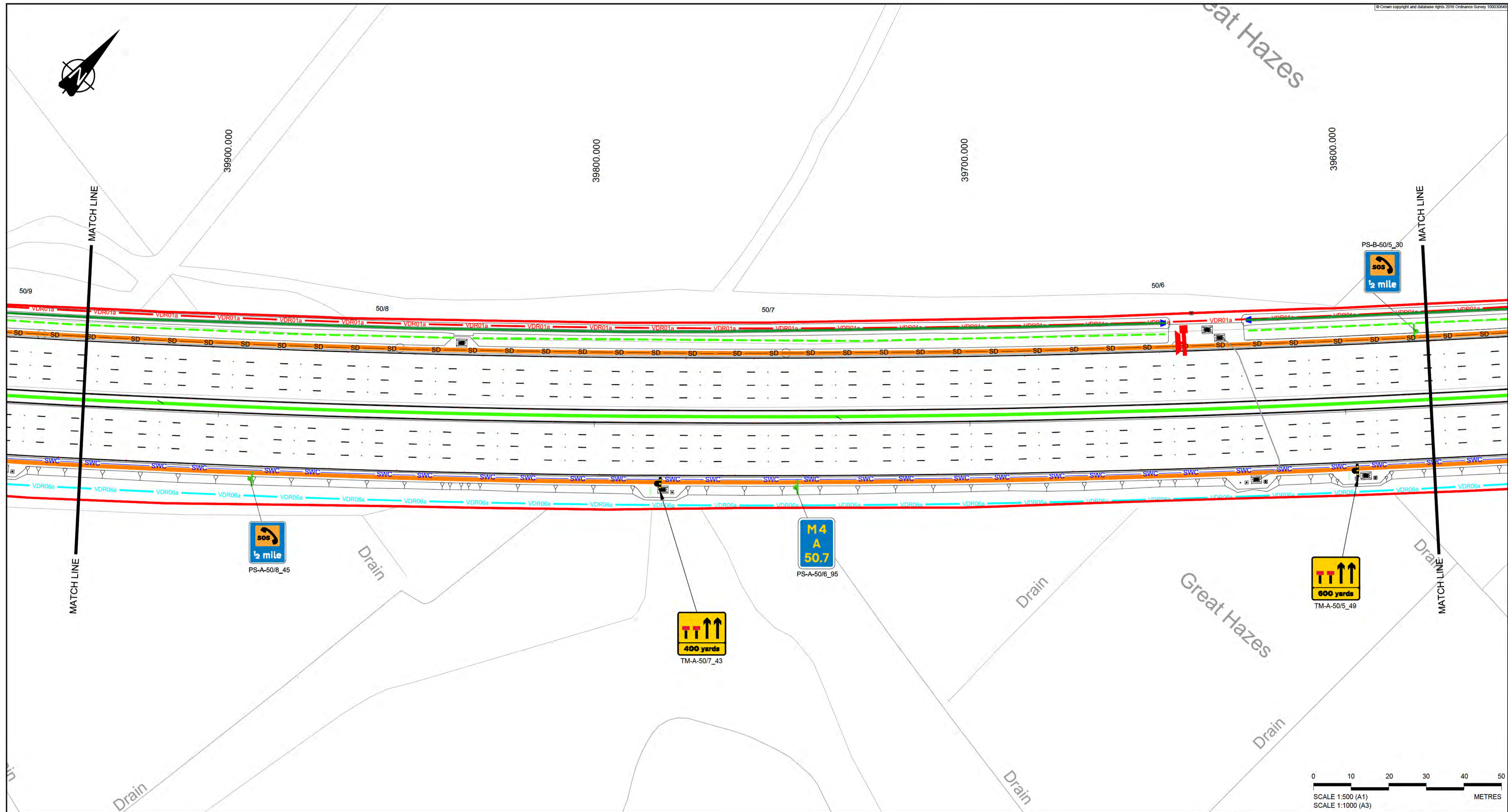
Client

highways england
 DELIVERING THROUGH
 ch2m ARCADIS

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 64 OF 91
CONTRACT 1
CH 40295 TO 39935

| | | | |
|-------------------|------------------------------|-------------|---------------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN Originator Original Size |
| Drawing number | HAS14451 | CHHJ | A1 |
| Volume Location | HGN-S1_ML000000_Z-DR-CH-1064 | | |



NOTES
1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

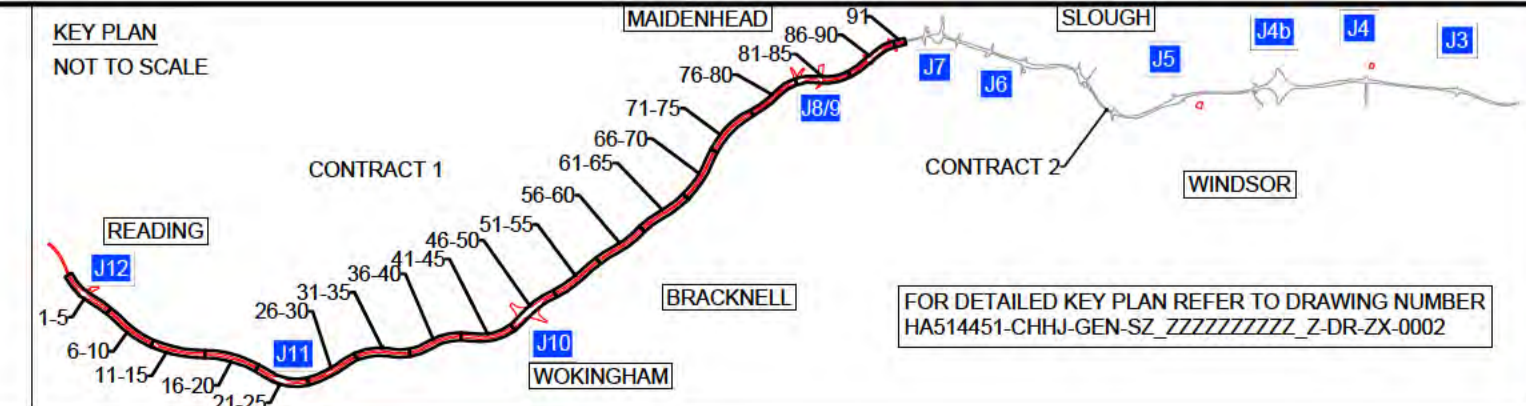
The following notes highlight significant (ie unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.

Construction

1. WORKING ADJACENT TO RAILWAY LINE
2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
3. RESTRICTED HEIGHT CLEARANCE
4. SIGNIFICANT FLORA OR FAUNA INTERACTION
5. OVERHEAD POWER LINE
6. GROUND CONTAMINATION
7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
8. SIGNIFICANT TRAFFIC INTERACTION
9. GROUNDWATER OR FLOODWATER INTERACTION
10. CONFLICT WITH ACCESS
11. ABNORMAL GROUND CONDITIONS
12. EXISTING LIGHTING REMOVAL

| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|-------|--------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



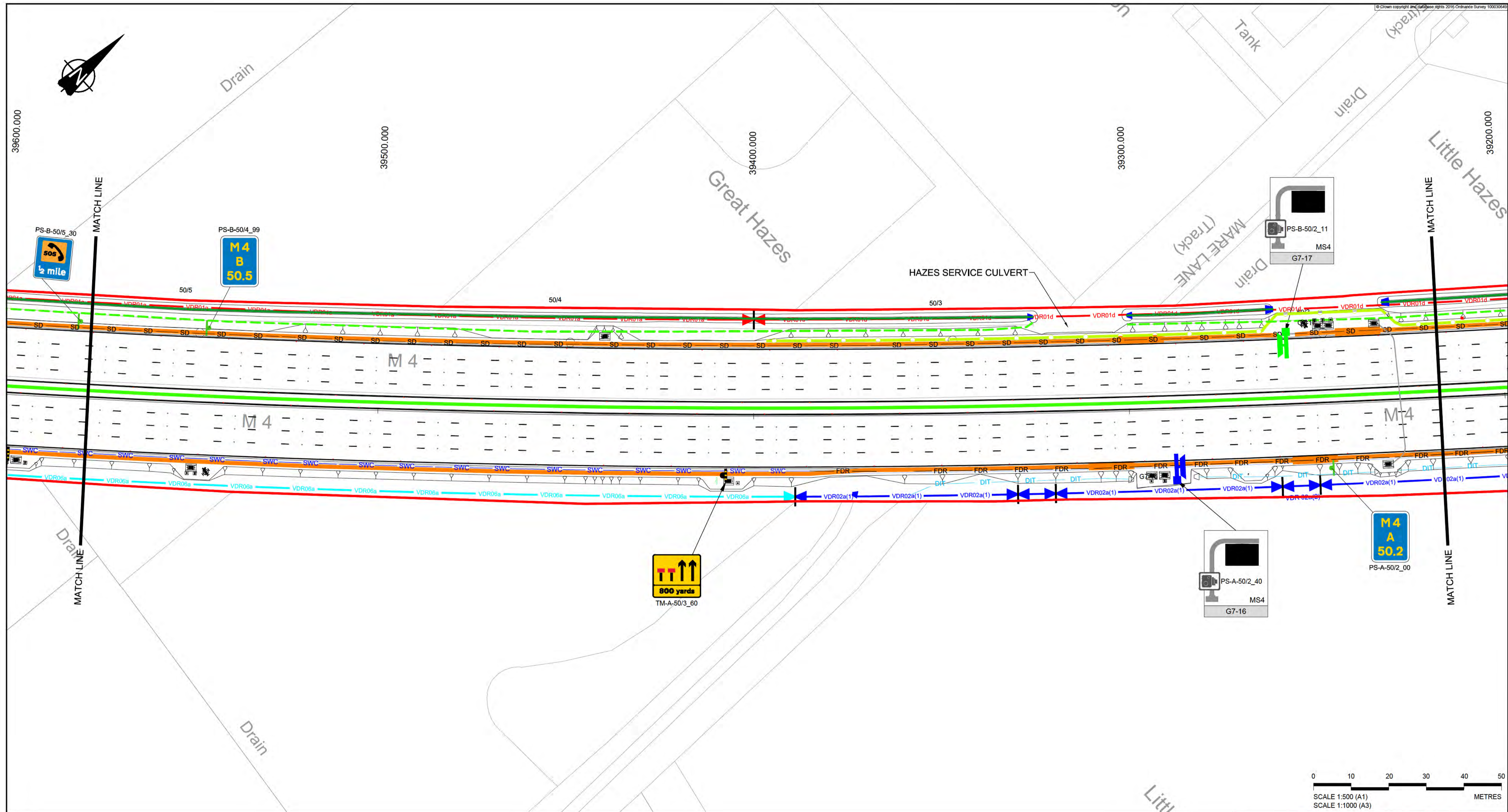
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 65 OF 91
CONTRACT 1
CH 39935 TO 39575

| | | | |
|-------------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Volume / Location | HGN-S1_ML000000_Z-DR-CH-1065 | | |



NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

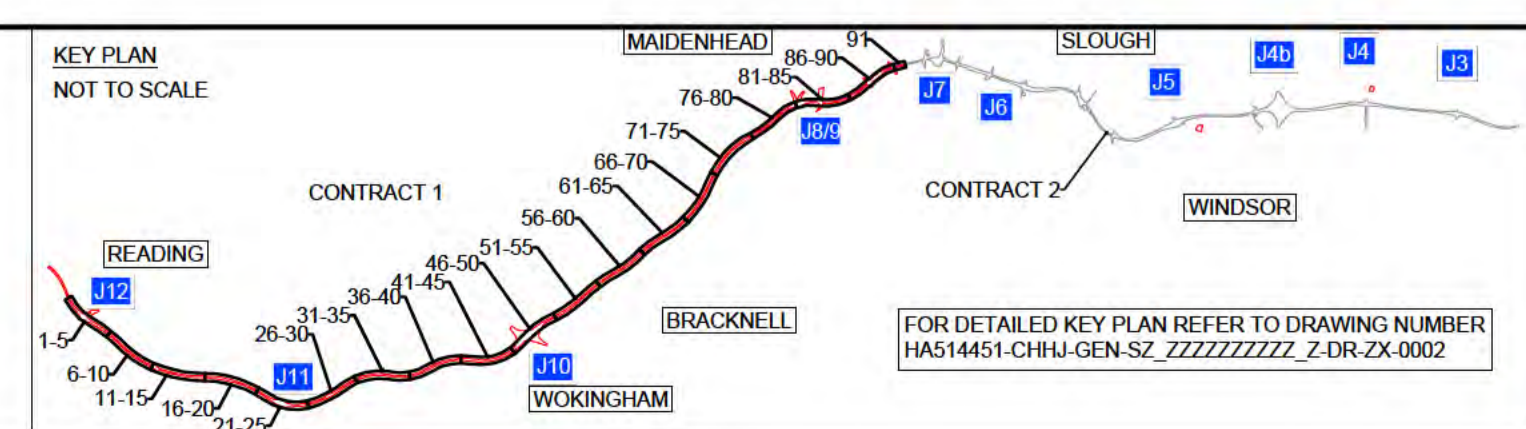
The following notes highlight significant (or unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.

Construction

- WORKING ADJACENT TO RAILWAY LINE
- TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
- RESTRICTED HEIGHT CLEARANCE
- SIGNIFICANT FLORA OR FAUNA INTERACTION
- OVERHEAD POWER LINE
- GROUND CONTAMINATION
- SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
- SIGNIFICANT TRAFFIC INTERACTION
- GROUNDWATER OR FLOODWATER INTERACTION
- CONFLICT WITH ACCESS
- ABNORMAL GROUND CONDITIONS
- EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|--------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



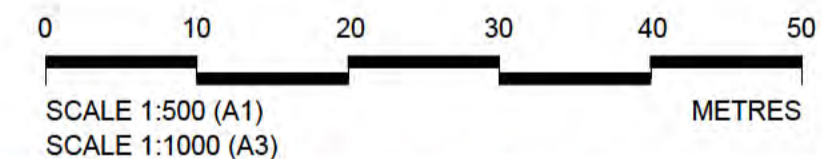
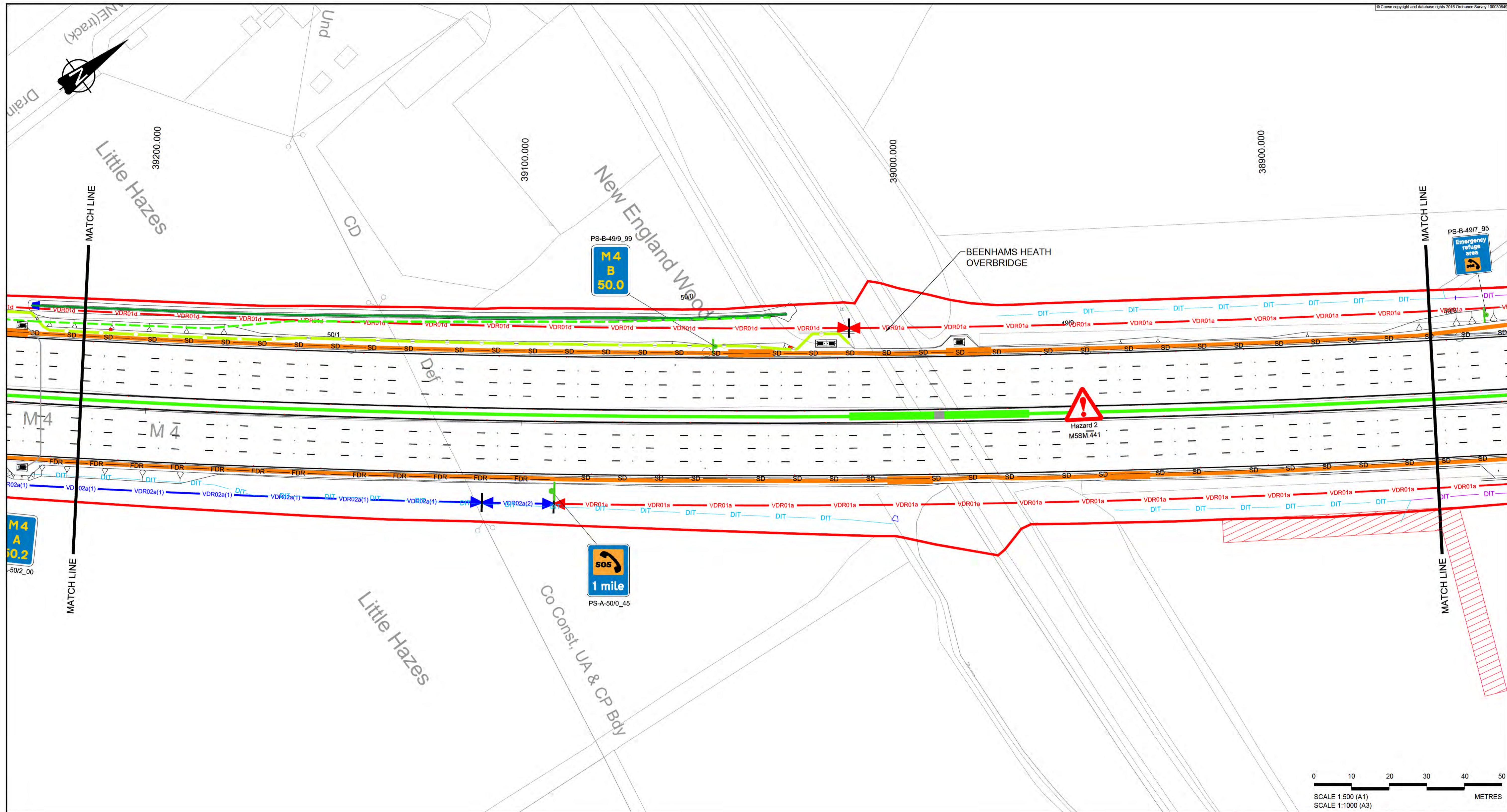
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12

Drawing title
 GENERAL ARRANGEMENT
 SHEET 66 OF 91
 CONTRACT 1
 CH 39575 TO 39215

| | | | |
|----------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | | Checked By | |
| Approved By | | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1066 | Original Size | A1 |
| Volume | 1 | Location | |
| Type | Role | Number | |



NOTES
1. REFER TO SHEET 0 FOR KEY AND NOTES

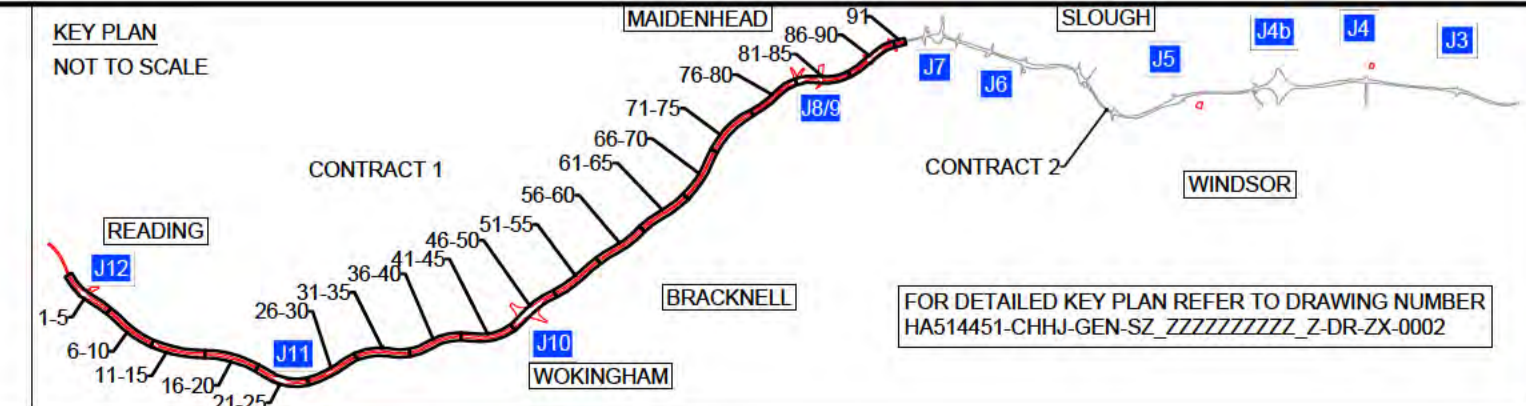
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

The following notes highlight significant (or unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.

| Construction | |
|--------------|--|
| 1. | WORKING ADJACENT TO RAILWAY LINE |
| 2. | TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION |
| 3. | RESTRICTED HEIGHT CLEARANCE |
| 4. | SIGNIFICANT FLORA OR FAUNA INTERACTION |
| 5. | OVERHEAD POWER LINE |
| 6. | GROUND CONTAMINATION |
| 7. | SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION |
| 8. | SIGNIFICANT TRAFFIC INTERACTION |
| 9. | GROUNDWATER OR FLOODWATER INTERACTION |
| 10. | CONFLICT WITH ACCESS |
| 11. | ABNORMAL GROUND CONDITIONS |
| 12. | EXISTING LIGHTING REMOVAL |

| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |
|-----|--------|------------|------------------------|-------|-------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |

CONSTRUCTION



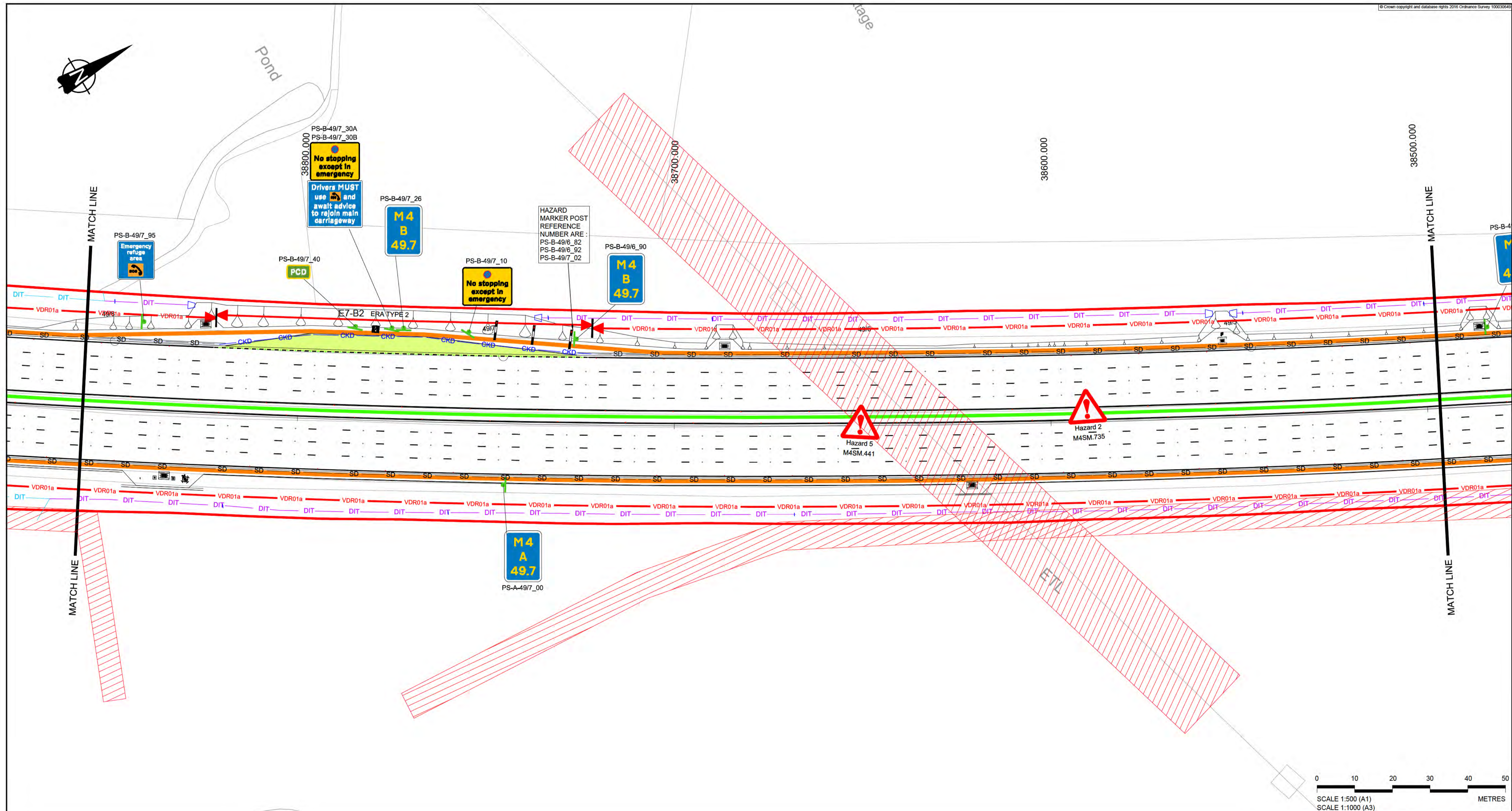
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DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 67 OF 91
CONTRACT 1
CH 39215 TO 38855

| Status | Revision |
|------------------------------|----------------------|
| A | C01 |
| Scale | Date - 06/07/2018 |
| 1:500 | |
| Drawn By | |
| Checked By | |
| Approved By | |
| Project No. | HA PIN I Originator |
| HA514451 | CHJ |
| Original Size | A1 |
| Volume Location | Type Role Number |
| HGN-S1_ML000000_Z-DR-CH-1067 | |



NOTES

- 1. REFER TO SHEET 0 FOR KEY AND NOTES

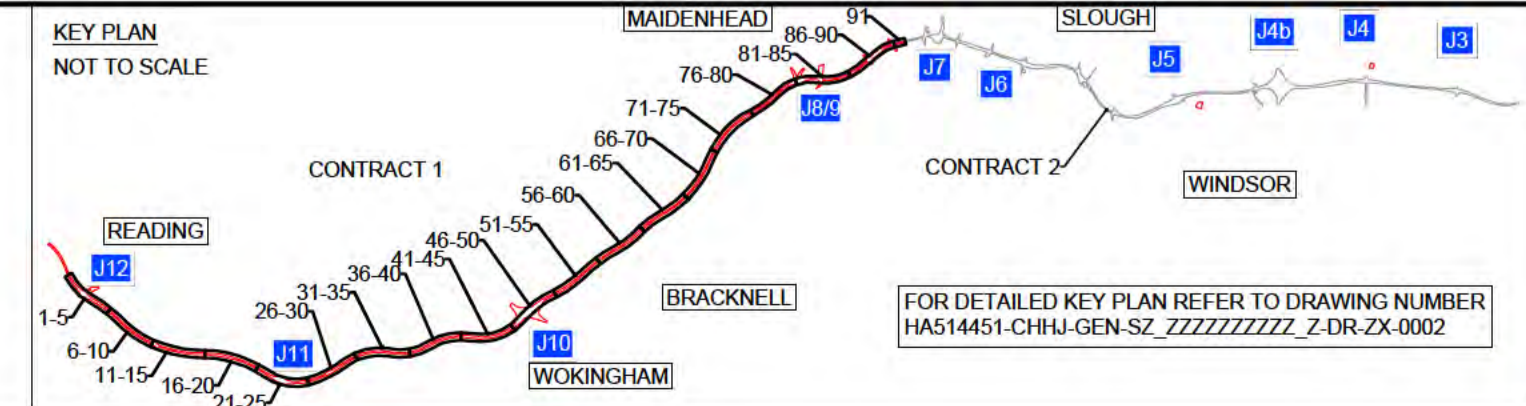
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

The following notes highlight significant (or unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.

- Construction**
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 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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|-----|--------|------------|------------------------|-------|-------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |

CONSTRUCTION



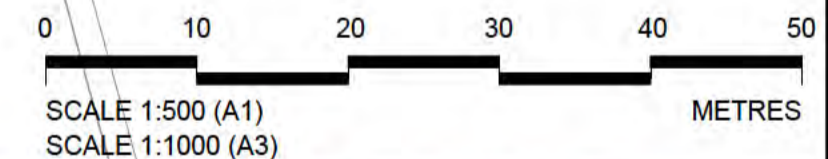
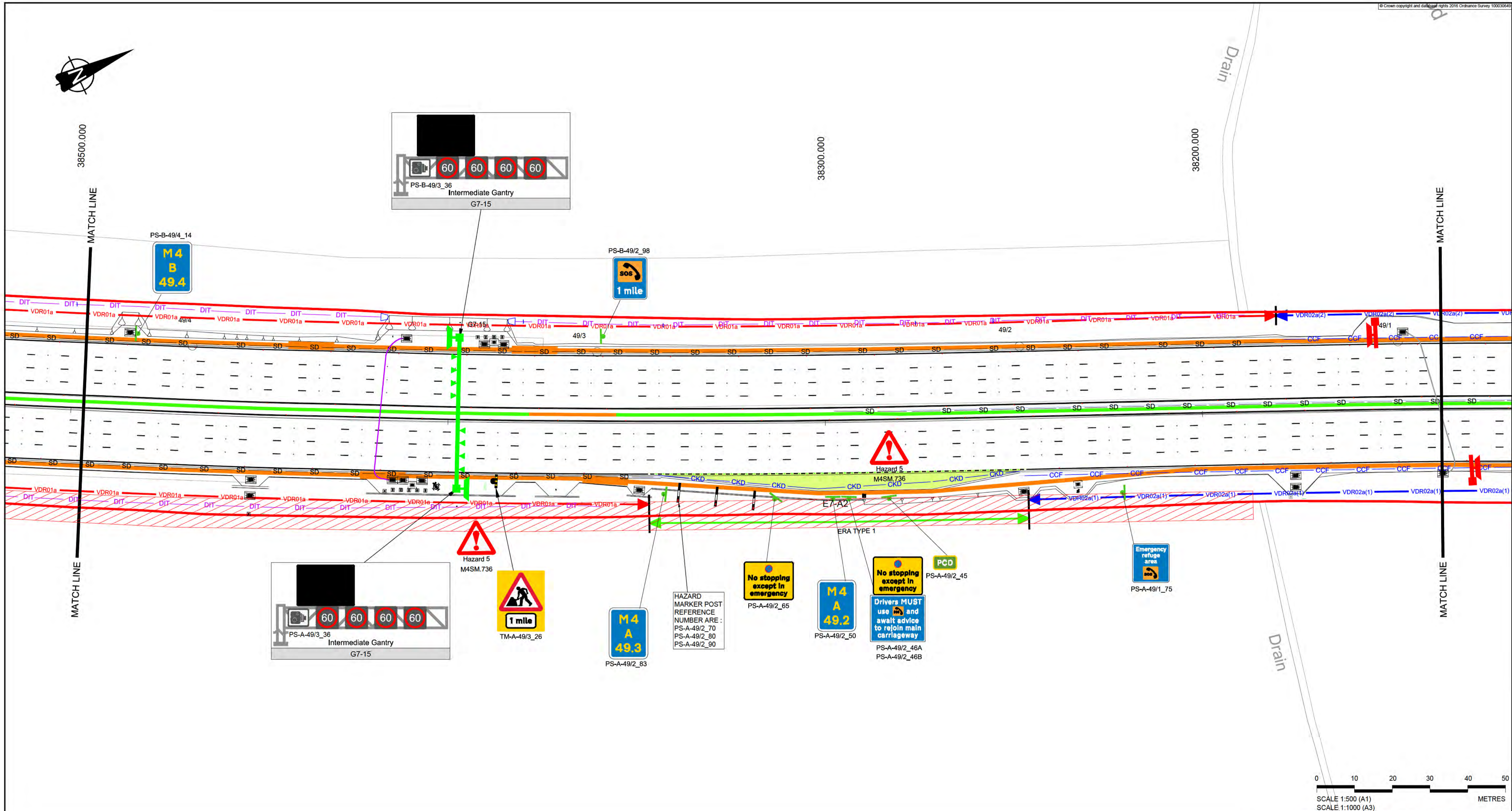
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 68 OF 91
CONTRACT 1
CH 38855 TO 38495

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|----------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1068 | | |

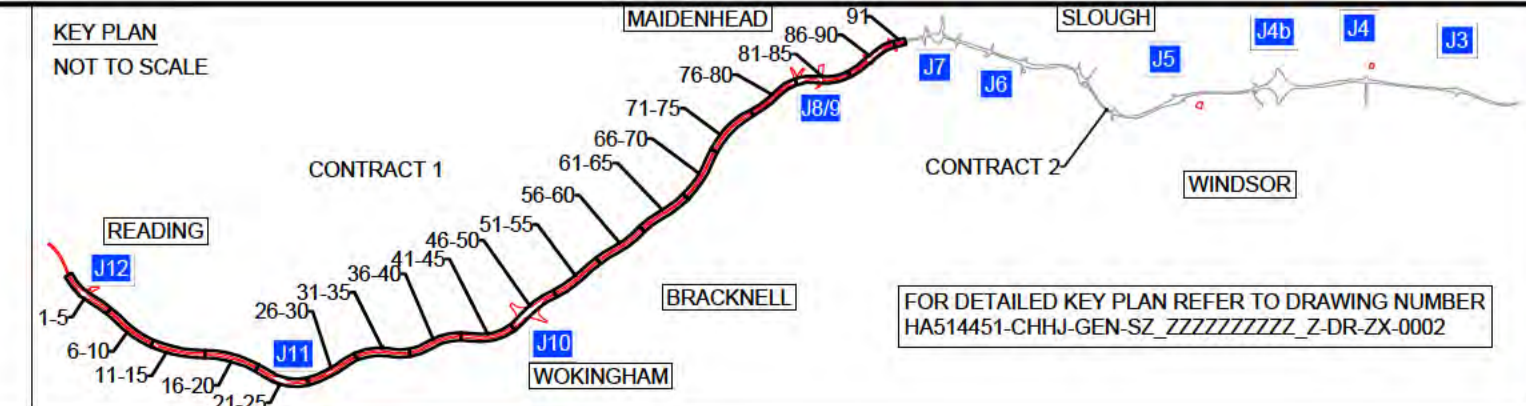


NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

- SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**
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- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
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 5. OVERHEAD POWER LINE
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 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

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| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



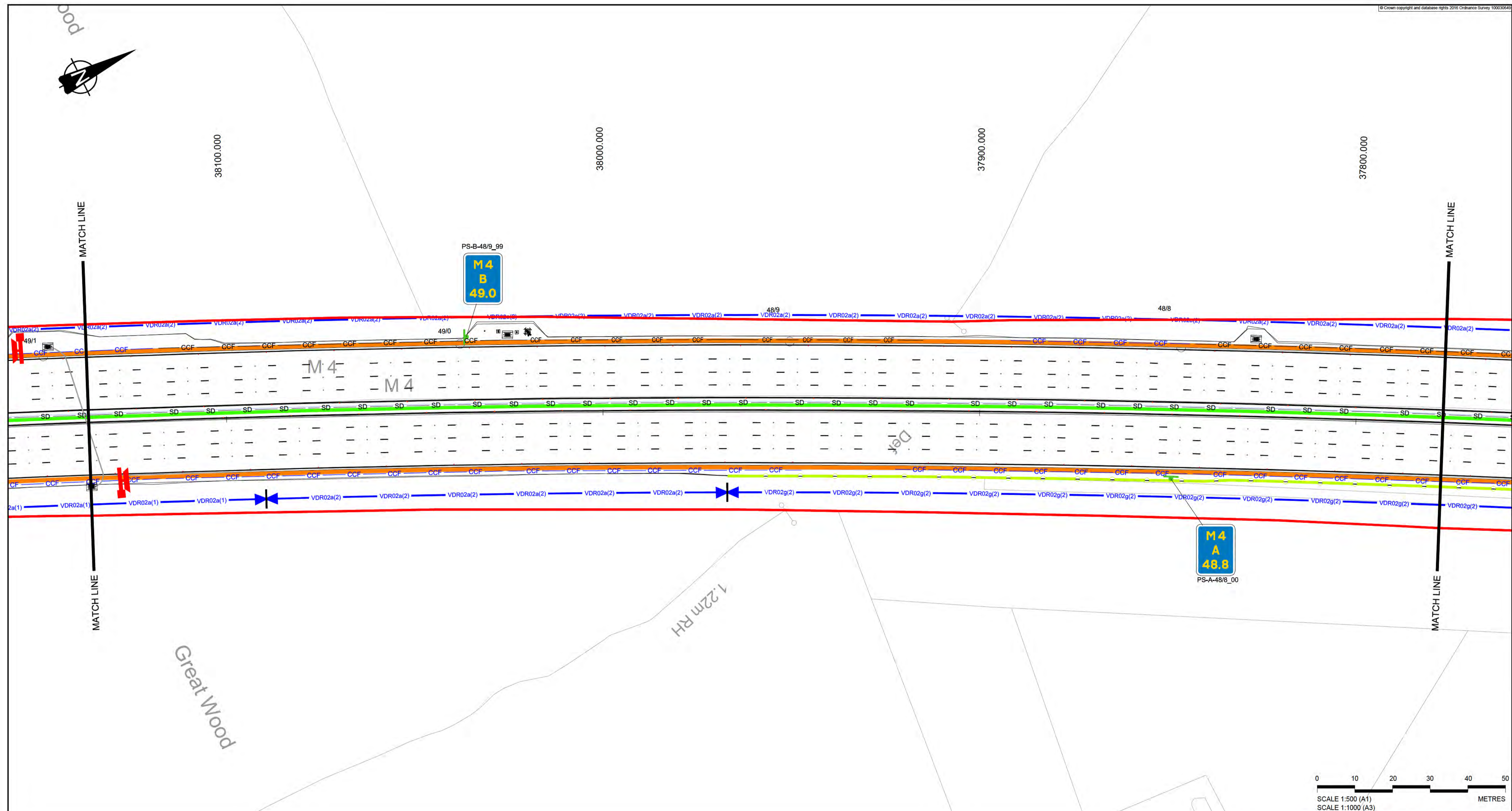
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12

Drawing title
 GENERAL ARRANGEMENT
 SHEET 69 OF 91
 CONTRACT 1
 CH 38495 TO 38135

| | | | |
|----------------|------------------------------|---------------|--------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN 1 Originator CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1069 | Original Size | A1 |



NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

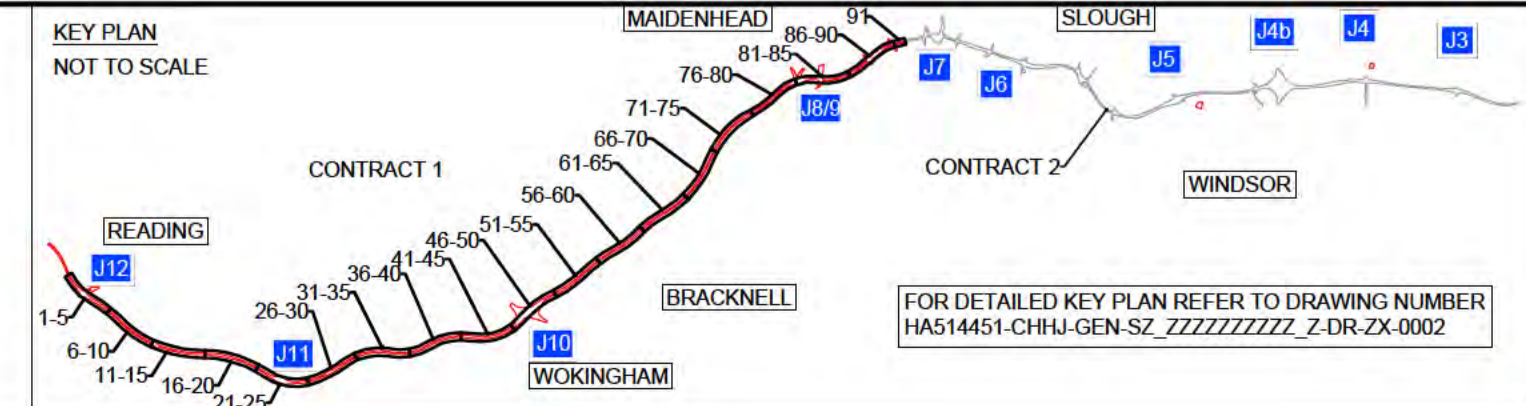
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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- Construction**
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 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|--------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



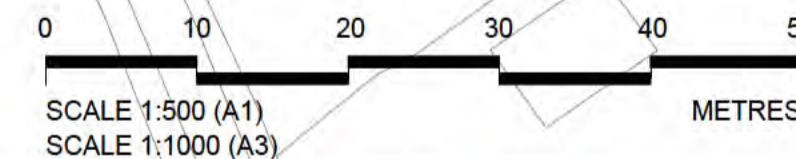
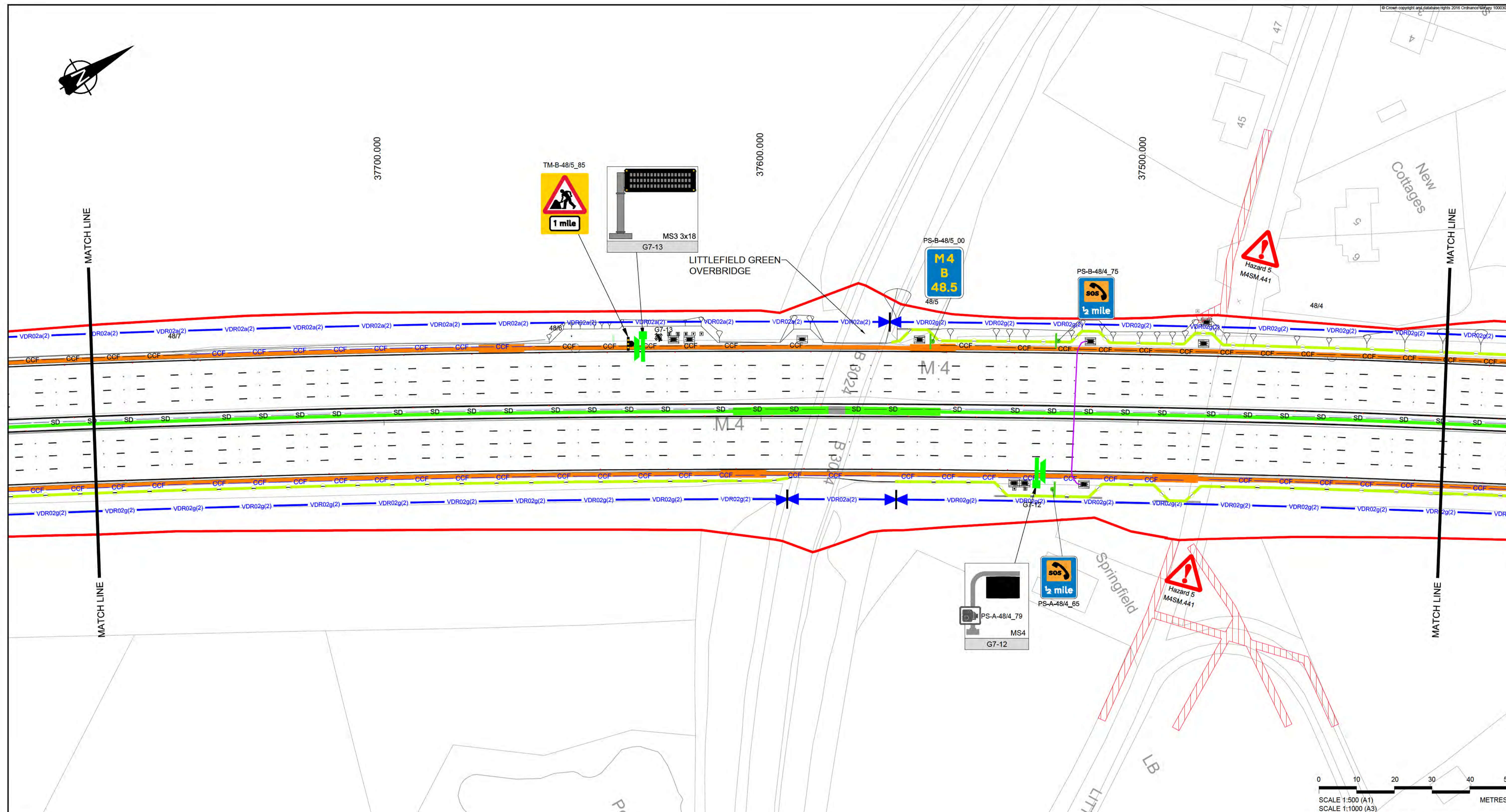
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 70 OF 91
CONTRACT 1
CH 38135 TO 37775

| | | | |
|------------------------------|------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Volume | Location | Type | Number |
| HGN-S1_ML000000_Z-DR-CH-1070 | | | |



NOTES

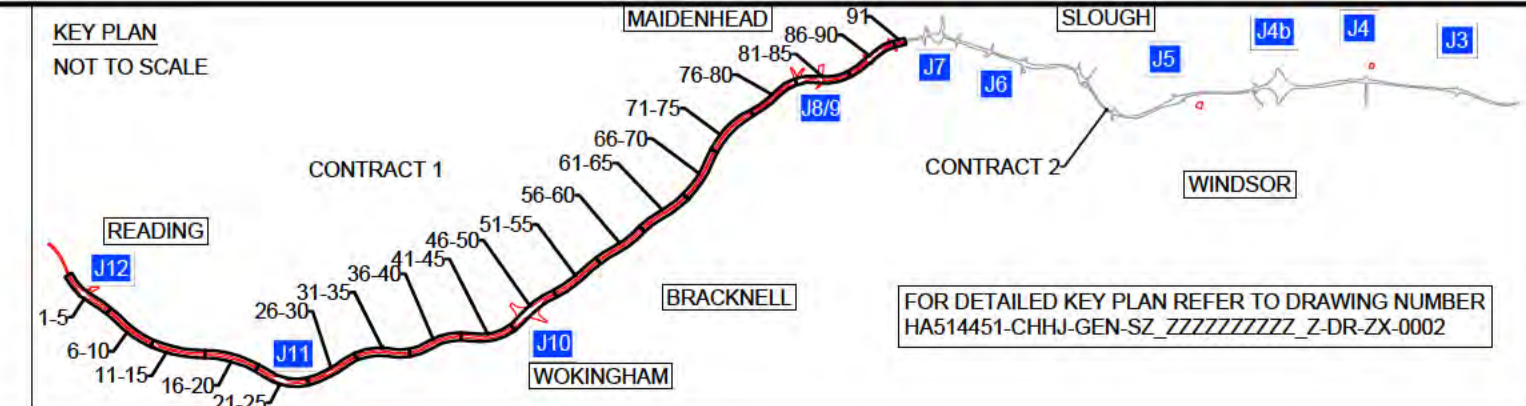
1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|---------|--------|
| 001 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Appr'd |

CONSTRUCTION



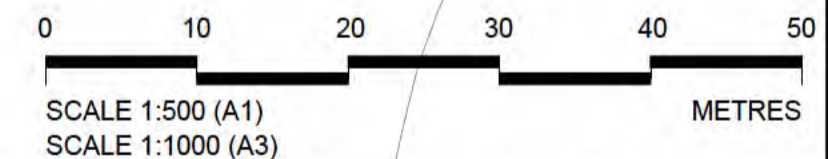
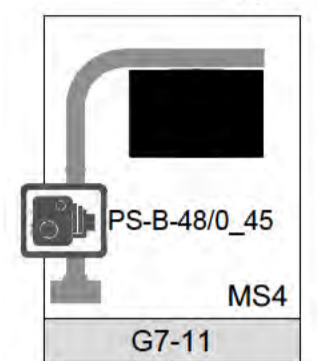
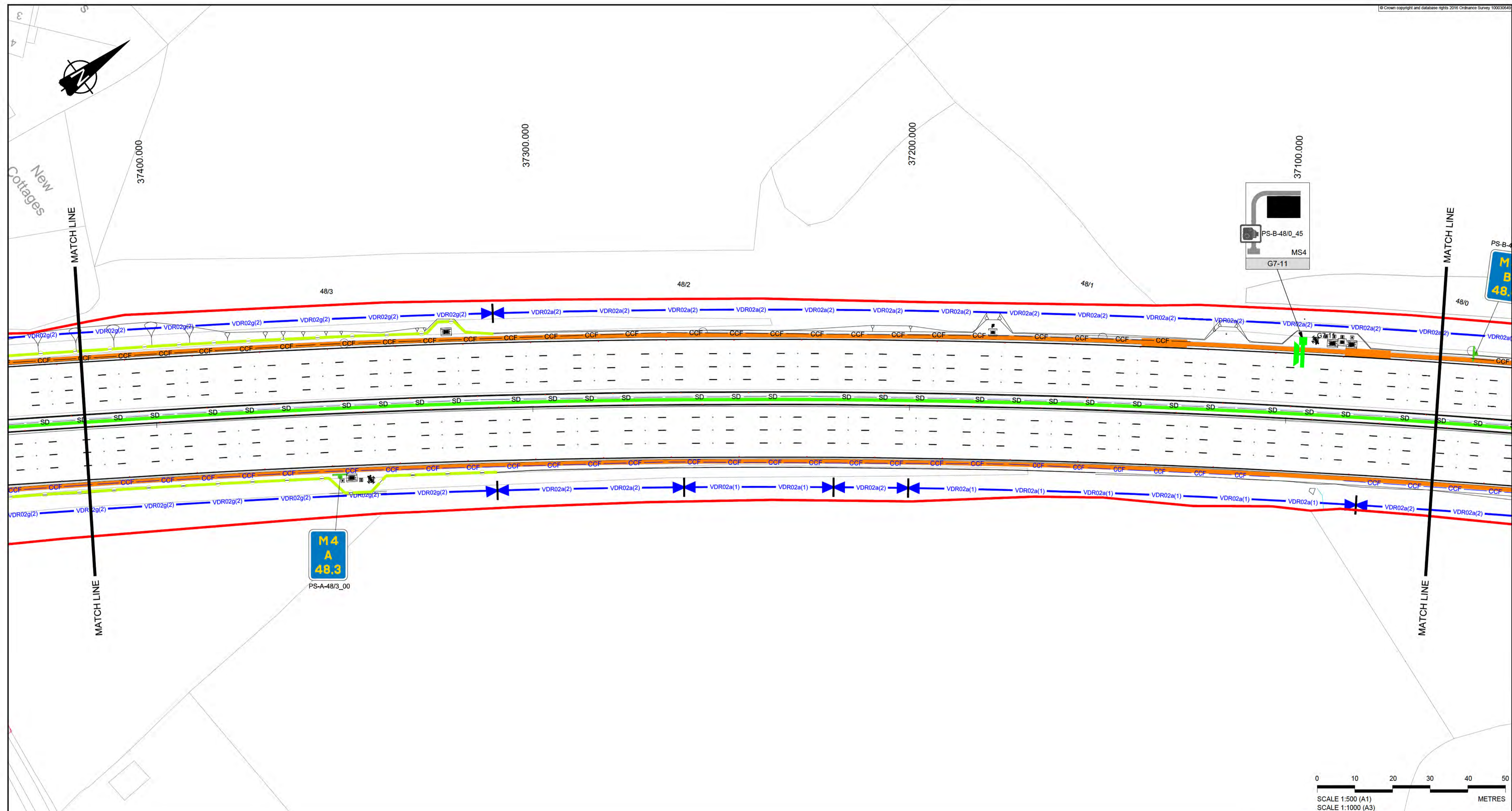
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 71 OF 91
CONTRACT 1
CH 3775 TO 37420

| | | | |
|-------------------|------------------------------|----------------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | | Checked By | |
| Approved By | | Project No. | HA PIN |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1071 | Originator | CHHJ |
| Volume Location | | Type Role Number | A1 |

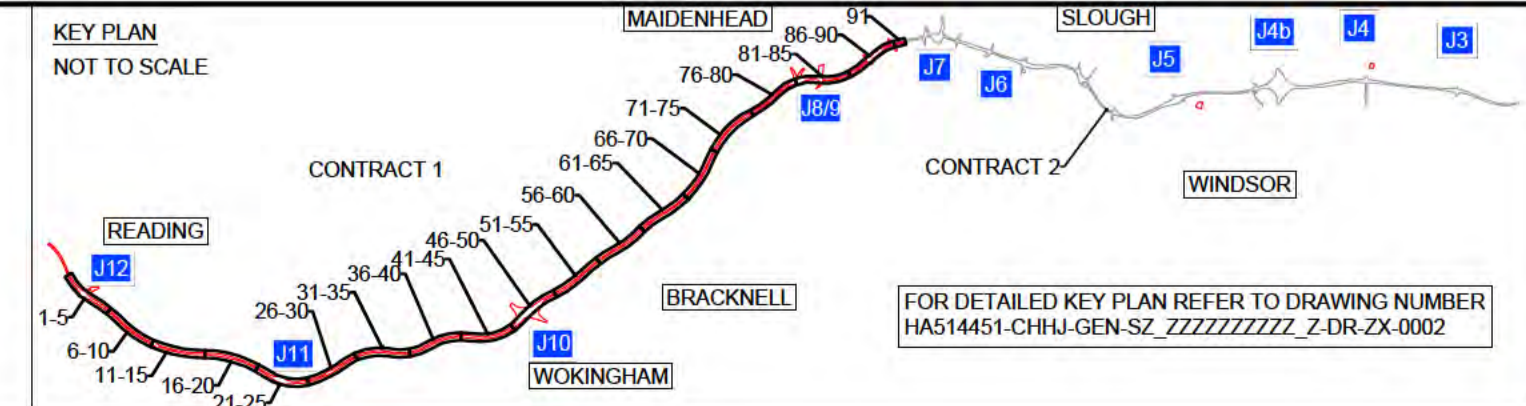


NOTES
1. REFER TO SHEET 0 FOR KEY AND NOTES

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 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|---------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



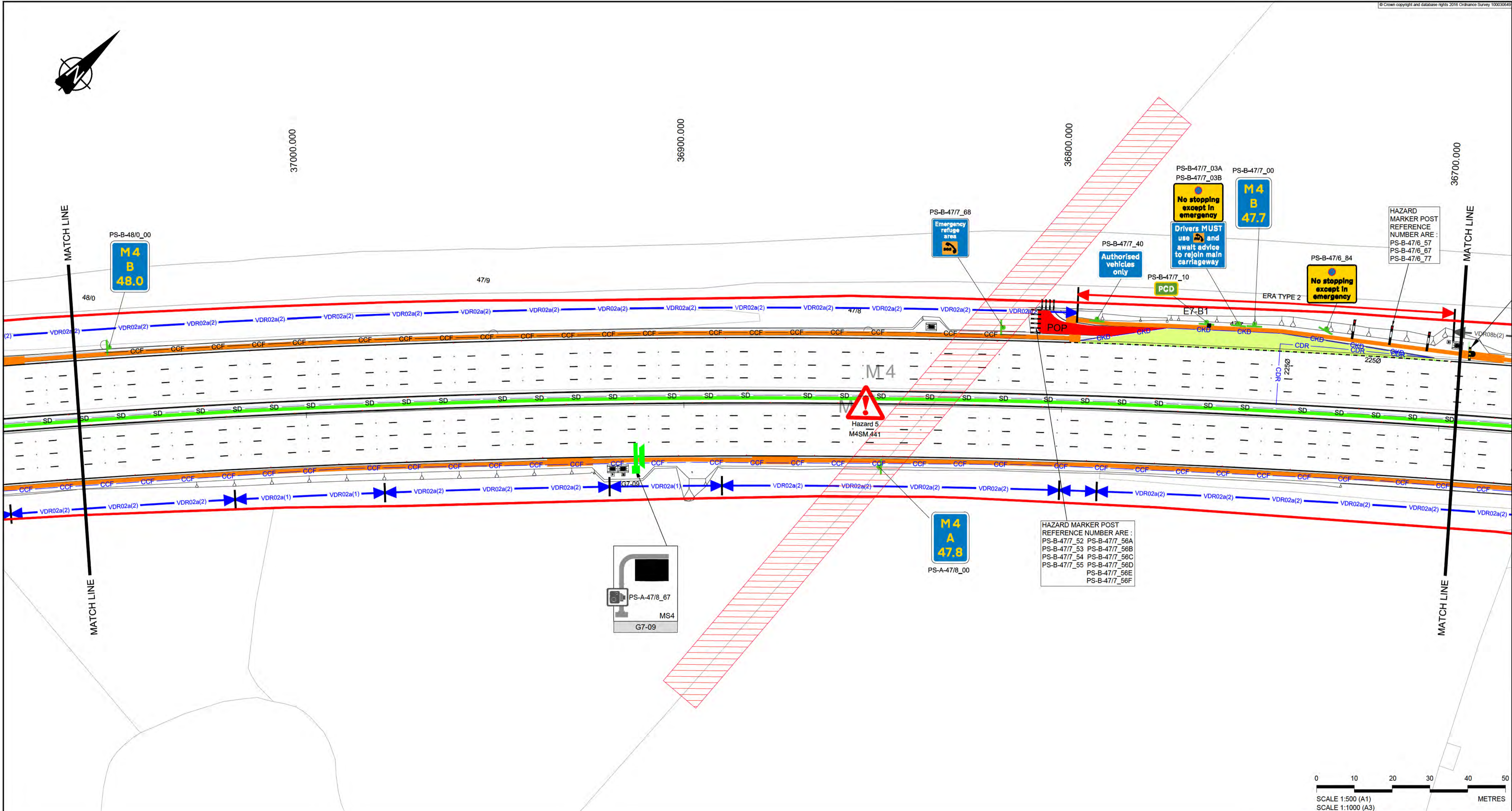
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 72 OF 91
CONTRACT 1
CH 37420 TO 37060

| | | | |
|----------------|------------------------------|-------------------|--------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN 1 Originator CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1072 | Volume Location | Type Role Number |
| Original Size | A1 | | |



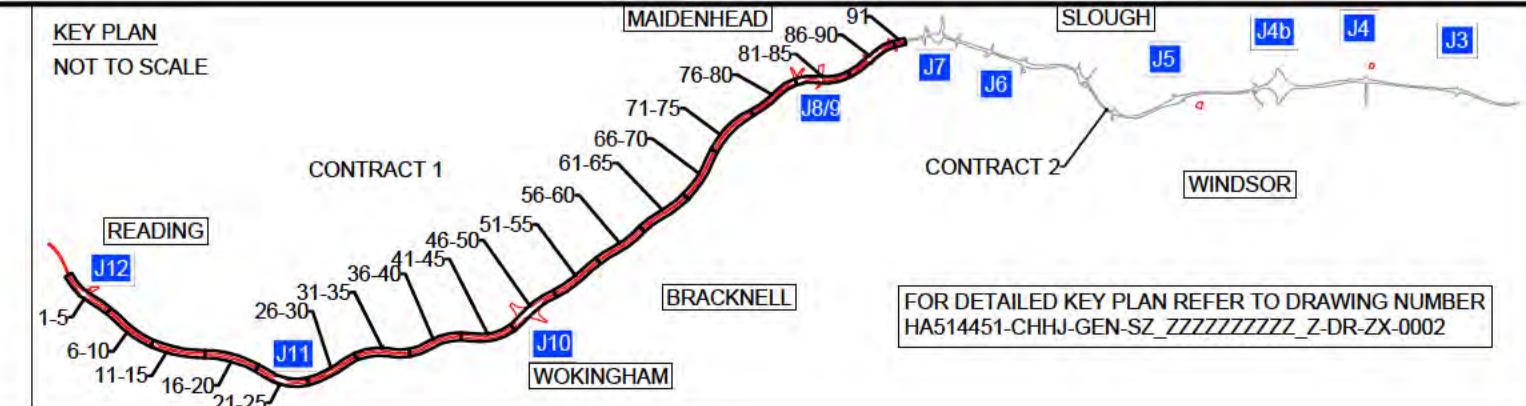
NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

- SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**
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- Construction**
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 - TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 - RESTRICTED HEIGHT CLEARANCE
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 - GROUND CONTAMINATION
 - SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 - SIGNIFICANT TRAFFIC INTERACTION
 - GROUNDWATER OR FLOODWATER INTERACTION
 - CONFLICT WITH ACCESS
 - ABNORMAL GROUND CONDITIONS
 - EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|---------|---------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



Client

highways
england

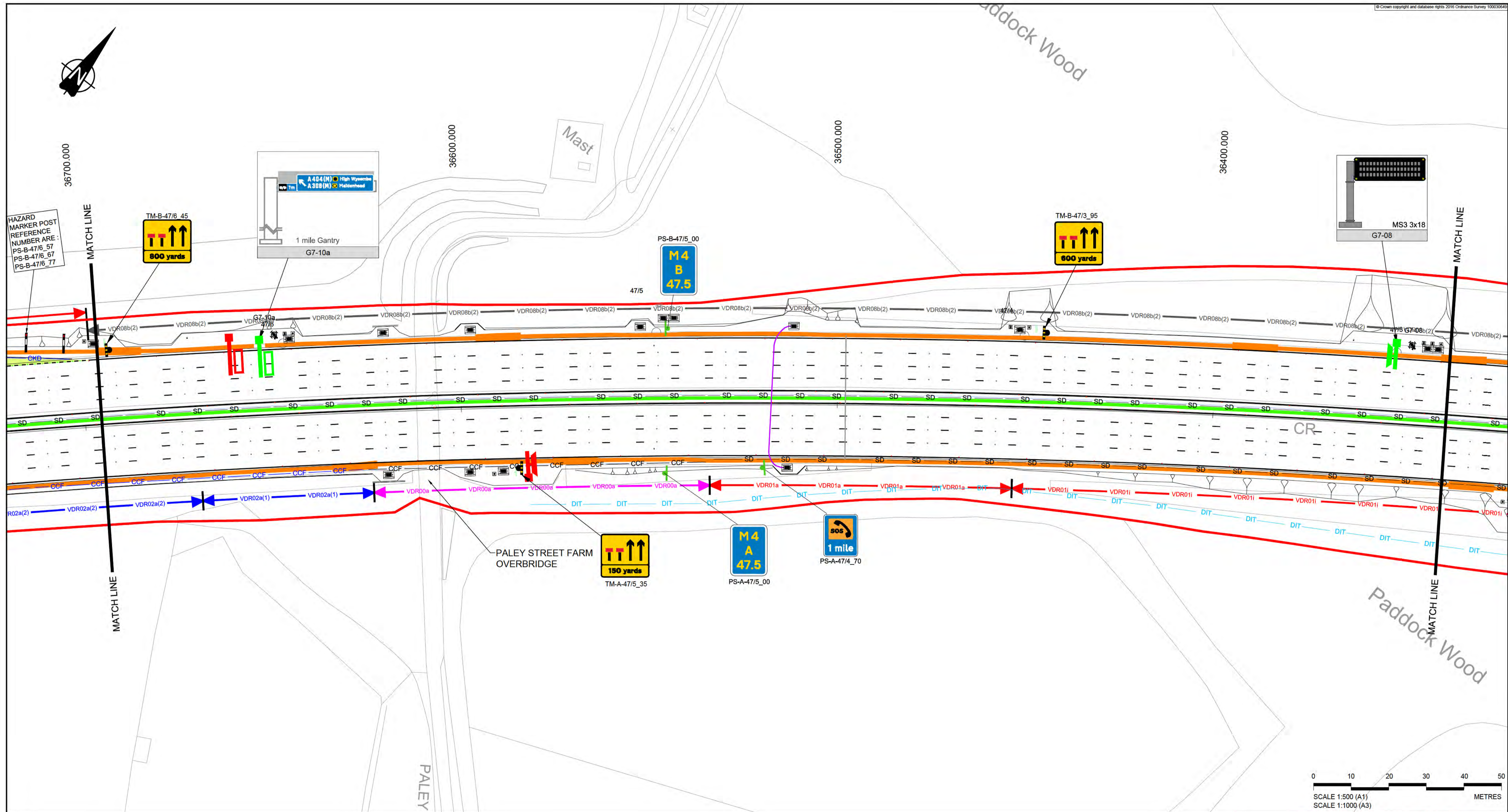
DELIVERING THROUGH

ch2m: **ARCADIS**

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 73 OF 91
CONTRACT 1
CH 37060 TO 36695

| | | | |
|----------------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | | Checked By | |
| Approved By | | Project No. | HA PIN |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1073 | Originator | CHHJ |
| Volume Location | | Original Size | A1 |
| Type Role Number | | | |



NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

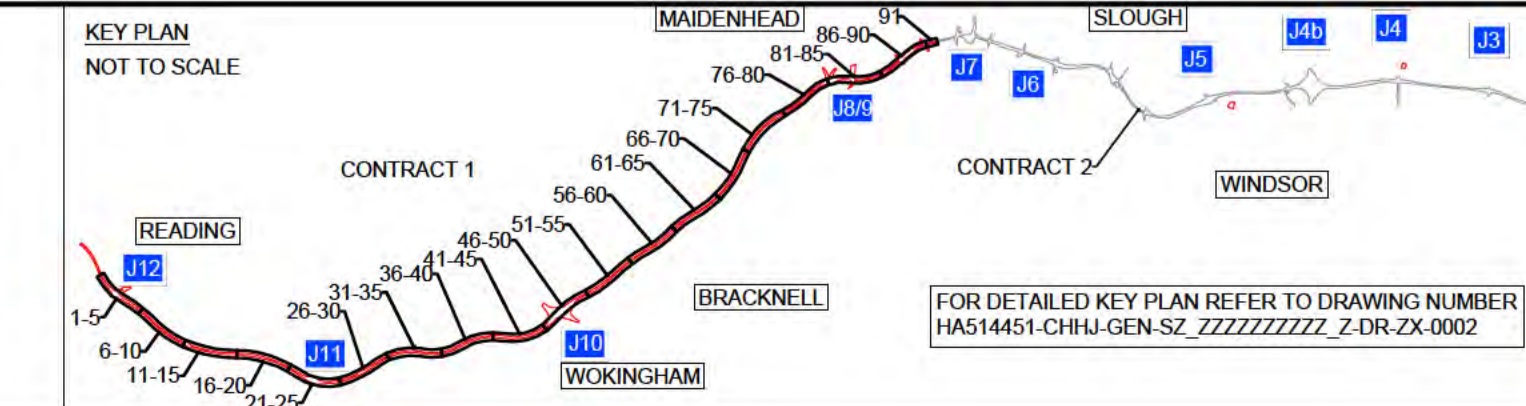
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

The following notes highlight significant (or unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.

| Construction |
|---|
| 1. WORKING ADJACENT TO RAILWAY LINE |
| 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION |
| 3. RESTRICTED HEIGHT CLEARANCE |
| 4. SIGNIFICANT FLORA OR FAUNA INTERACTION |
| 5. OVERHEAD POWER LINE |
| 6. GROUND CONTAMINATION |
| 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION |
| 8. SIGNIFICANT TRAFFIC INTERACTION |
| 9. GROUNDWATER OR FLOODWATER INTERACTION |
| 10. CONFLICT WITH ACCESS |
| 11. ABNORMAL GROUND CONDITIONS |
| 12. EXISTING LIGHTING REMOVAL |

| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|---------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

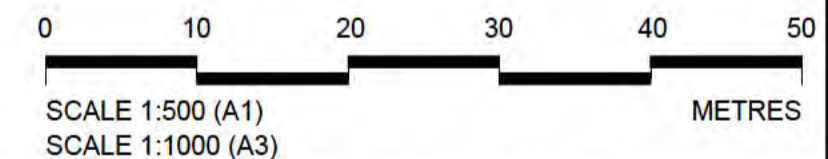
Drawing title
GENERAL ARRANGEMENT
SHEET 74 OF 91
CONTRACT 1
CH 36695 TO 36335

| | | | |
|----------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Project No. | HA 514451 | Originator | CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1074 | Original Size | A1 |



HAZARD MARKER POST REFERENCE NUMBER ARE:
 PS-A-46/9_58
 PS-A-46/9_68
 PS-A-46/9_78

No stopping except in emergency
 PS-A-46/9_50

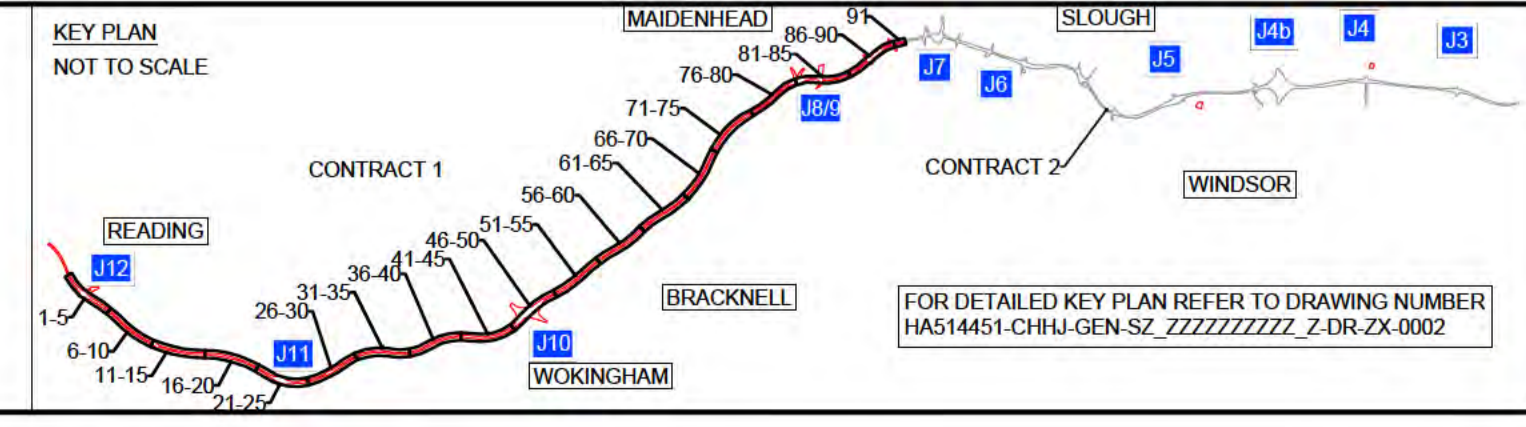


NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

- SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**
- The following notes highlight significant (ie unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.
- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|---------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



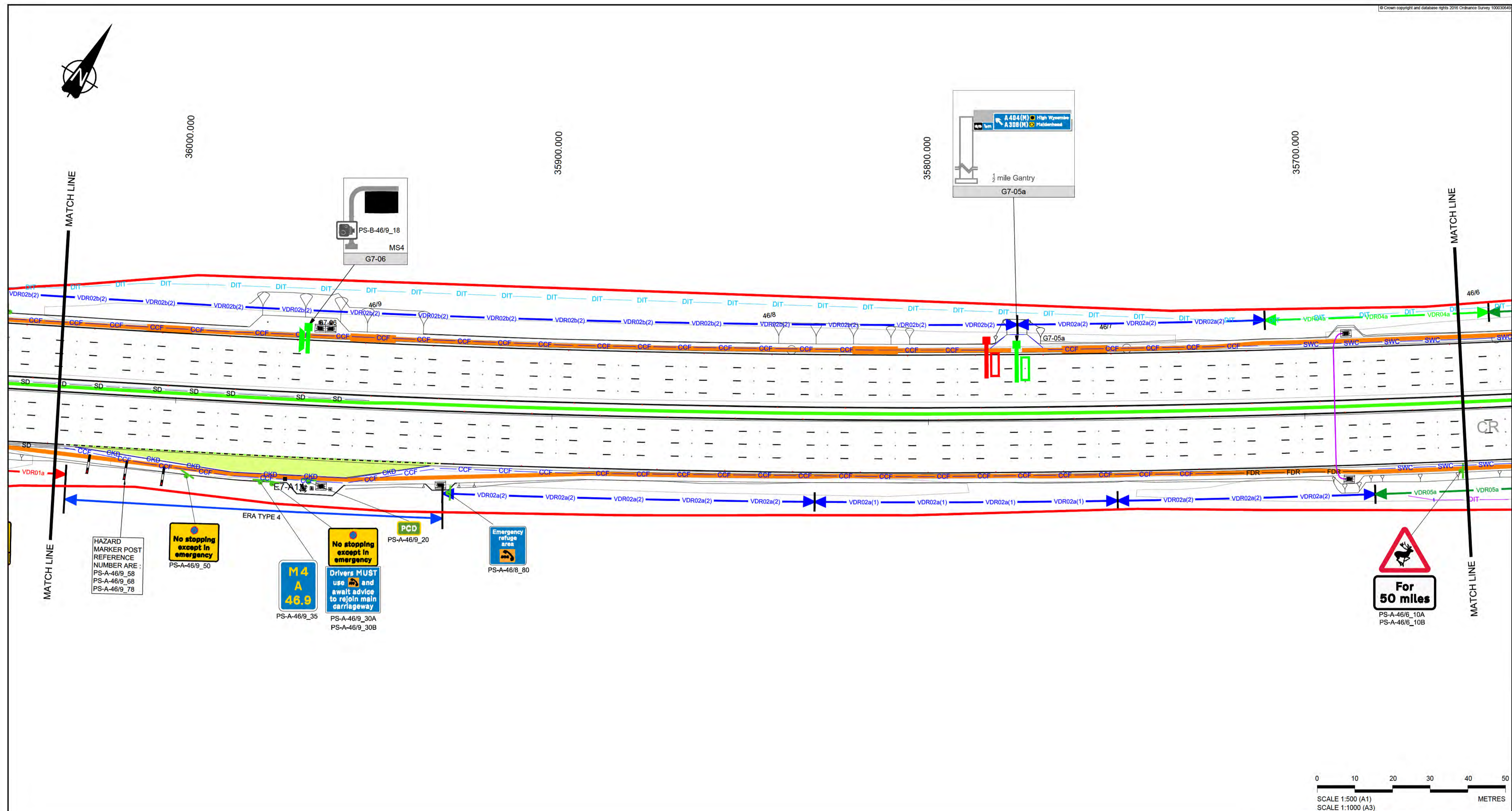
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
 SHEET 75 OF 91
 CONTRACT 1
 CH 36335 TO 36030

| | | | |
|-------------|--------------------|----------------------|------------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Original Size | A1 |
| Checked By | [REDACTED] | Volume Location | HGN-S1_ML000000_Z-DR-CH-1075 |
| Approved By | [REDACTED] | Type Role Number | |
| Project No. | HA PIN HA514451 | Originator | CHHJ |



NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

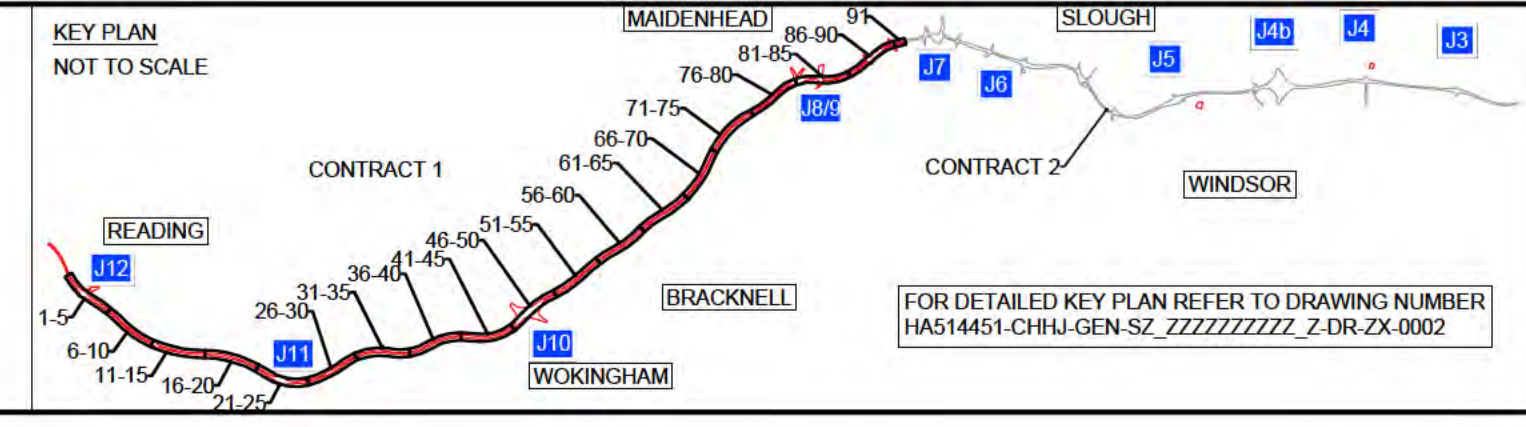
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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| Construction |
|---|
| 1. WORKING ADJACENT TO RAILWAY LINE |
| 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION |
| 3. RESTRICTED HEIGHT CLEARANCE |
| 4. SIGNIFICANT FLORA OR FAUNA INTERACTION |
| 5. OVERHEAD POWER LINE |
| 6. GROUND CONTAMINATION |
| 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION |
| 8. SIGNIFICANT TRAFFIC INTERACTION |
| 9. GROUNDWATER OR FLOODWATER INTERACTION |
| 10. CONFLICT WITH ACCESS |
| 11. ABNORMAL GROUND CONDITIONS |
| 12. EXISTING LIGHTING REMOVAL |

| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|---------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



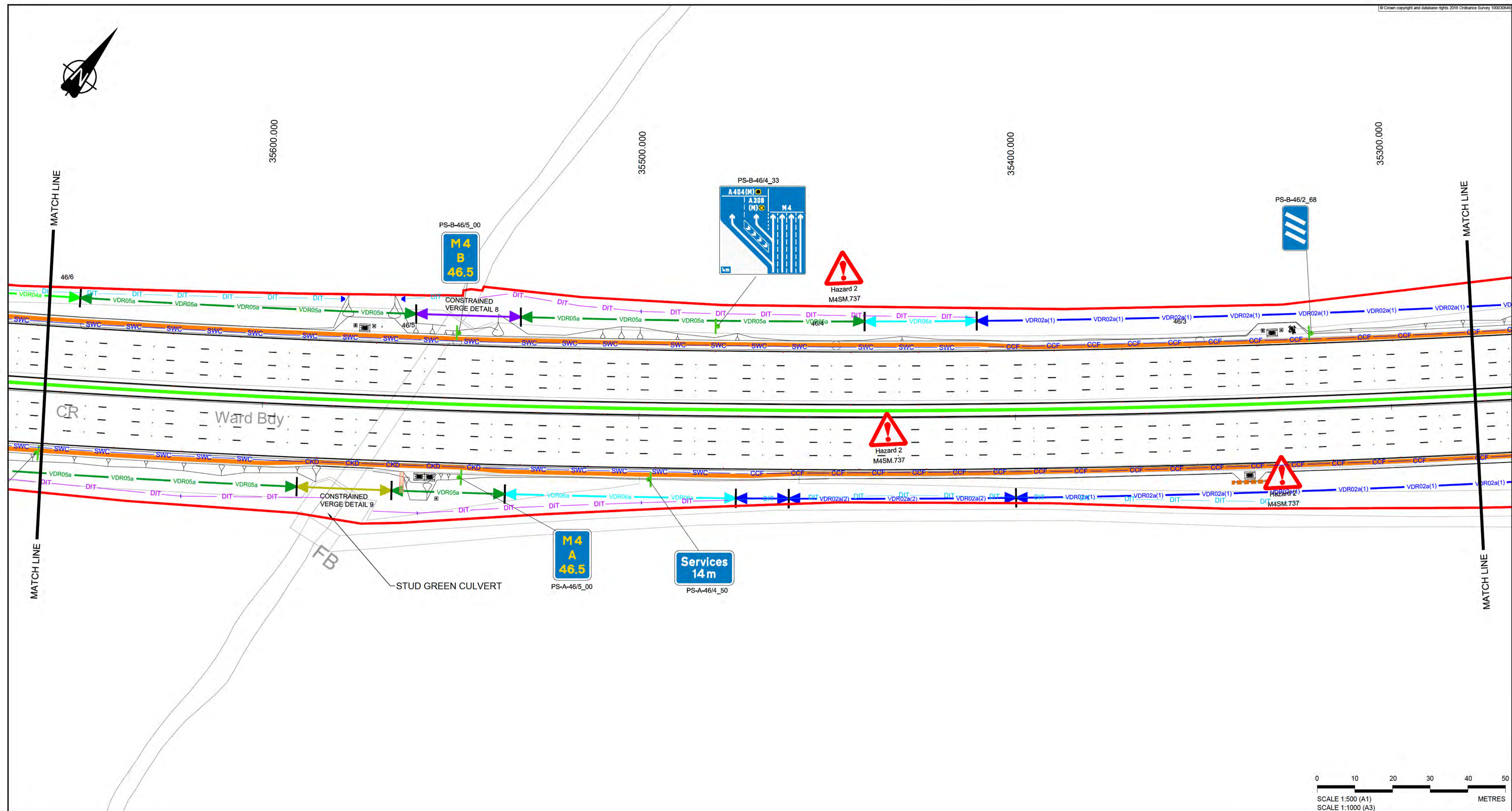
Client

DELIVERING THROUGH
ch2m **ARCADIS**

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
**GENERAL ARRANGEMENT
SHEET 76 OF 91
CONTRACT 1
CH 36030 TO 35625**

| | | | |
|----------------|------------------------------|-------------------|------------------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | IAN EDWARDS | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN Originator HA514451 CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1076 | Volume Location | 1 Type Role Number |
| Original Size | A1 | | |



NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

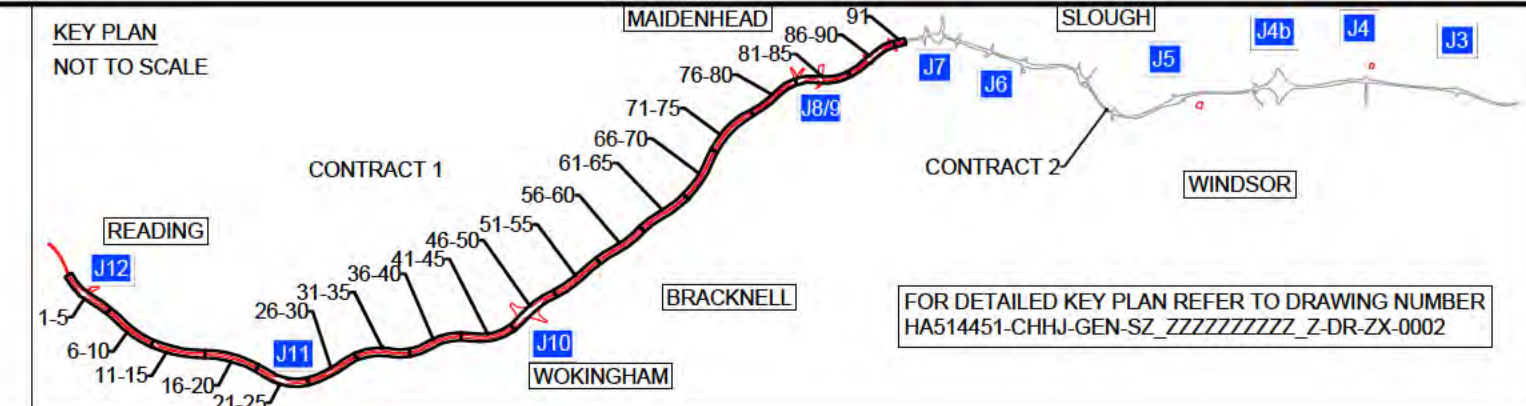
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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- Construction**
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|---------|--------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Appr'd |
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |

CONSTRUCTION



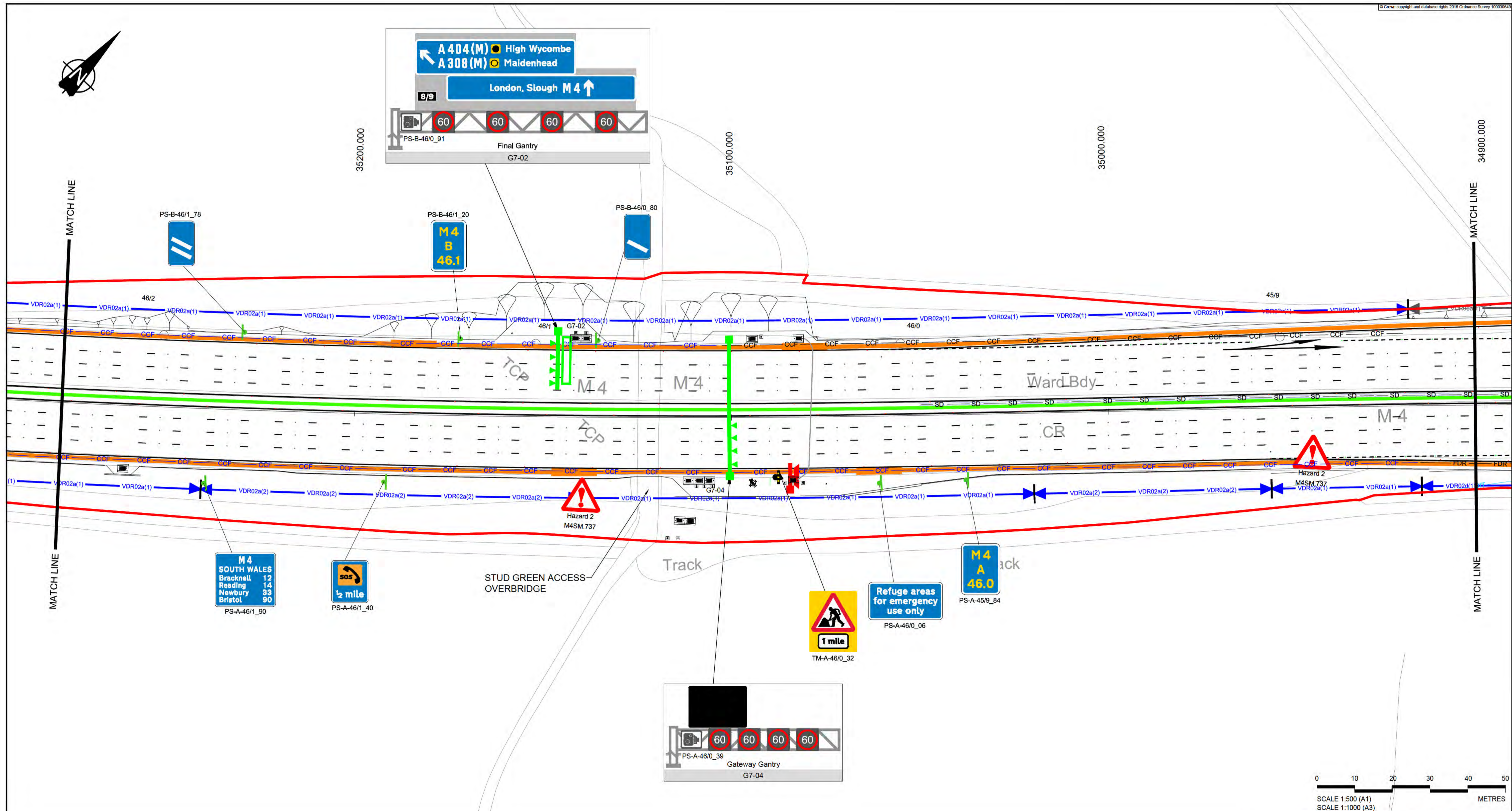
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 77 OF 91
CONTRACT 1
CH 35625 TO 35280

| | | | |
|-------------------|------------------------------|----------------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1077 | Originator | CHHJ |
| Volume Location | | Type Role Number | |
| | | | A1 |

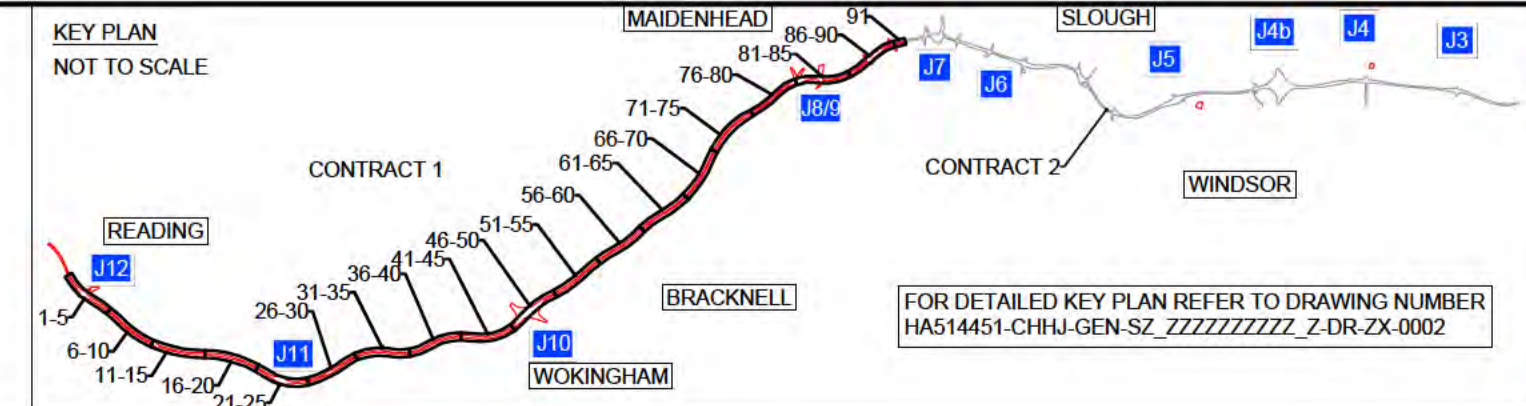


NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

- SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**
- The following notes highlight significant (ie unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|---------|---------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |

CONSTRUCTION



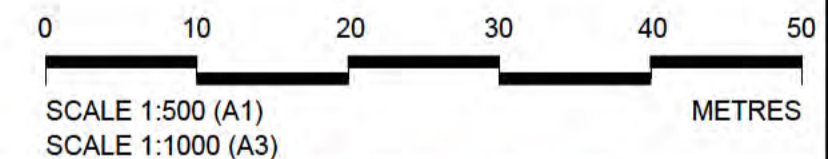
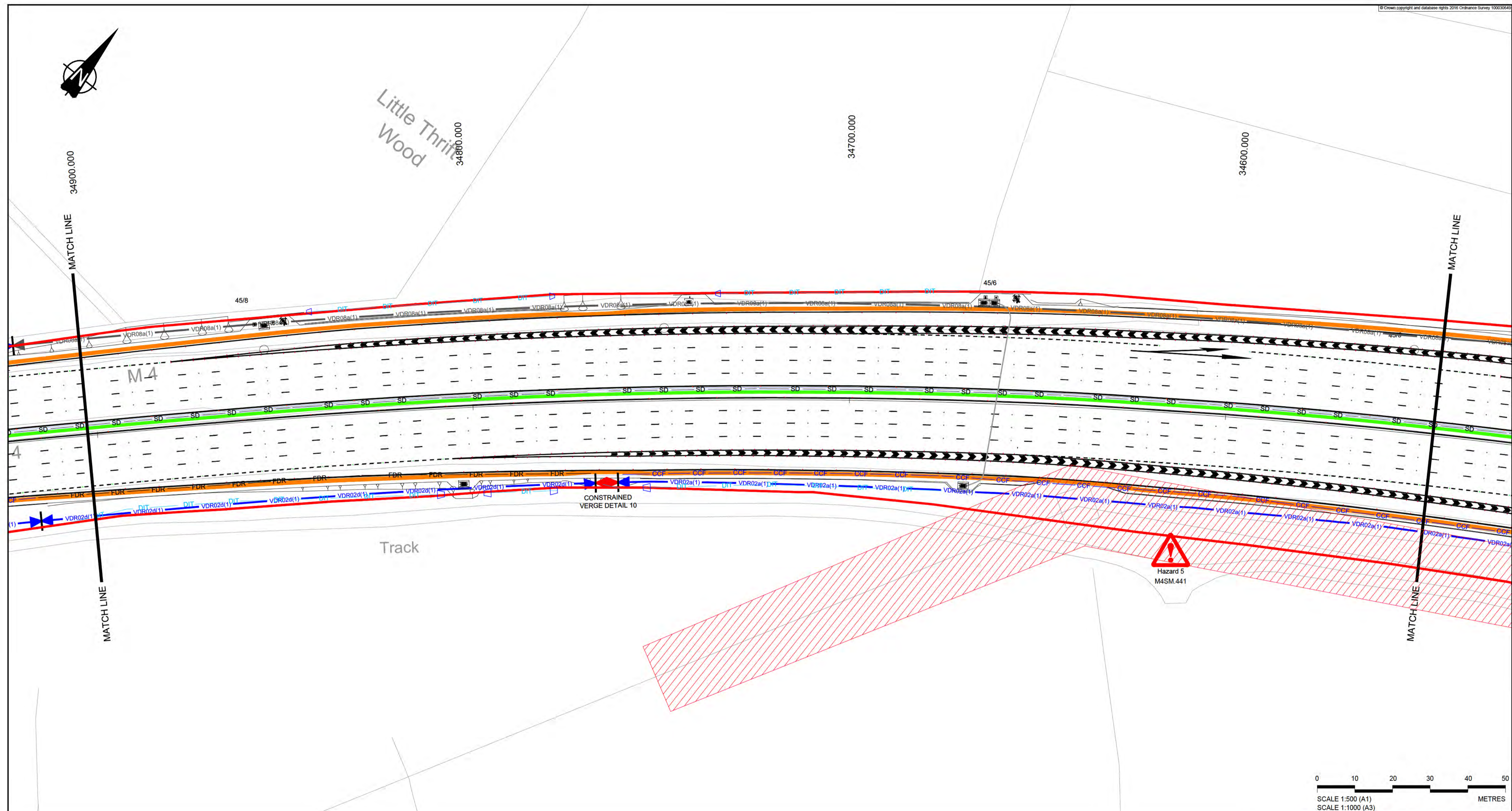
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
 SHEET 78 OF 91
 CONTRACT 1
 CH 35280 TO 34905

| | | | |
|-------------------|------------------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1078 | Original Size | A1 |
| Volume Location | Type Role Number | | |



NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

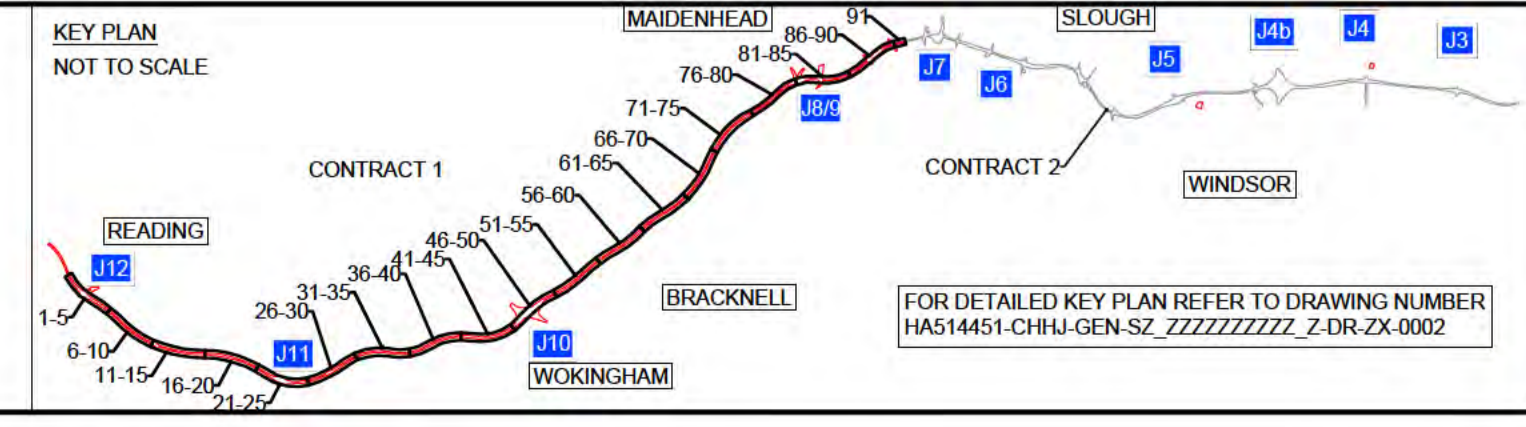
The following notes highlight significant (or unusual or difficult to manage) residual hazards identified by the designer. Typical hazards that should be identified by a competent contractor are not included. The contractor shall carry out the works using an approved safe system of work. Further information on hazards can be found in the hazard elimination schedule.

Construction

1. WORKING ADJACENT TO RAILWAY LINE
2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
3. RESTRICTED HEIGHT CLEARANCE
4. SIGNIFICANT FLORA OR FAUNA INTERACTION
5. OVERHEAD POWER LINE
6. GROUND CONTAMINATION
7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
8. SIGNIFICANT TRAFFIC INTERACTION
9. GROUNDWATER OR FLOODWATER INTERACTION
10. CONFLICT WITH ACCESS
11. ABNORMAL GROUND CONDITIONS
12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|---------|
| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



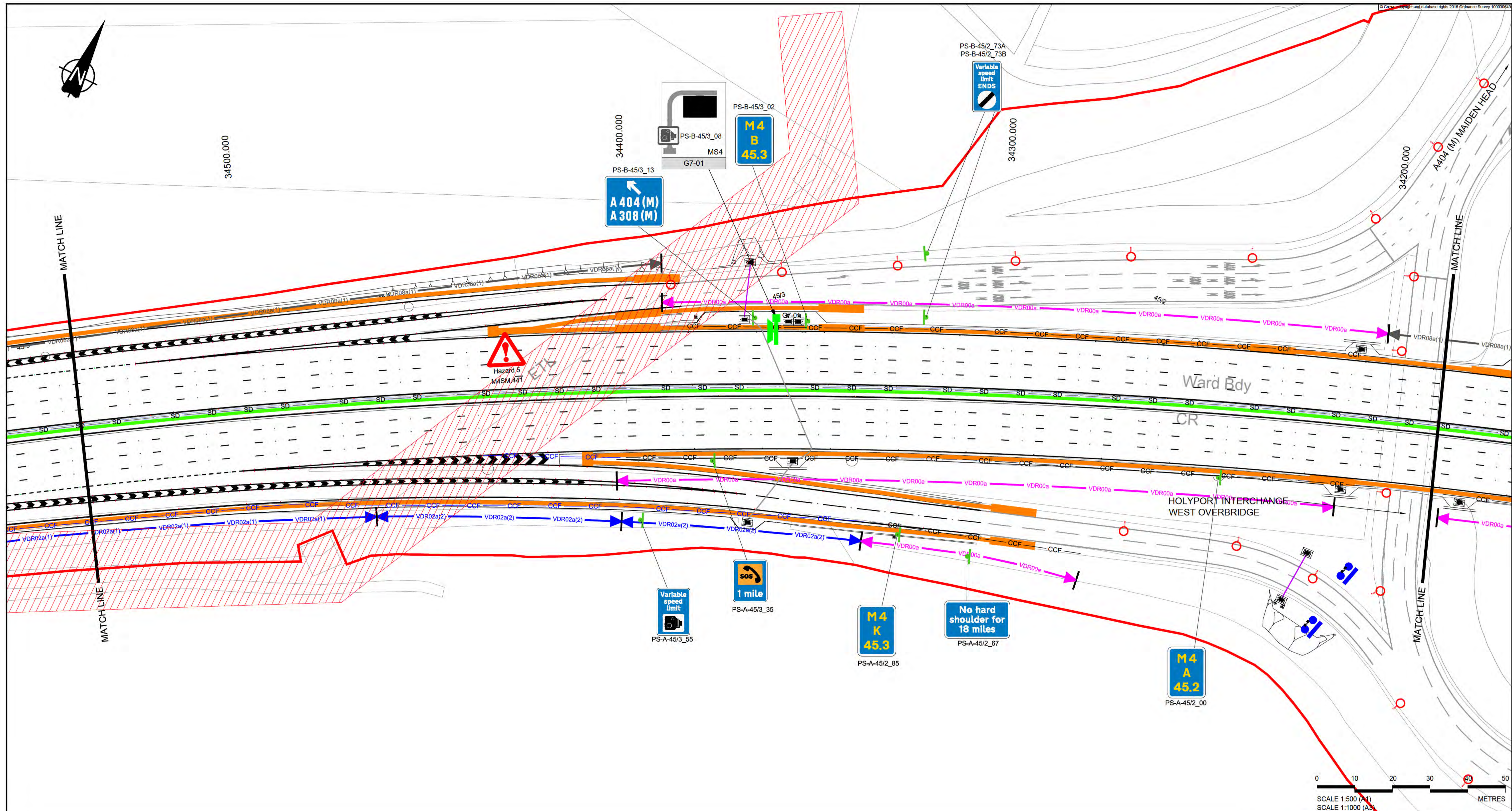
Client

DELIVERING THROUGH

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 79 OF 91
CONTRACT 1
CH 34905 TO 34545

| | | | |
|----------------|------------------------------|---------------|---------------|
| Status | A | Revision | 06/07/2018 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | IAN EDWARDS | | |
| Checked By | [REDACTED] | | |
| Approved By | [REDACTED] | | |
| Project No. | HA PIN | Originator | CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1079 | Original Size | A1 |
| Volume | Location | Type | Role Number |



NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

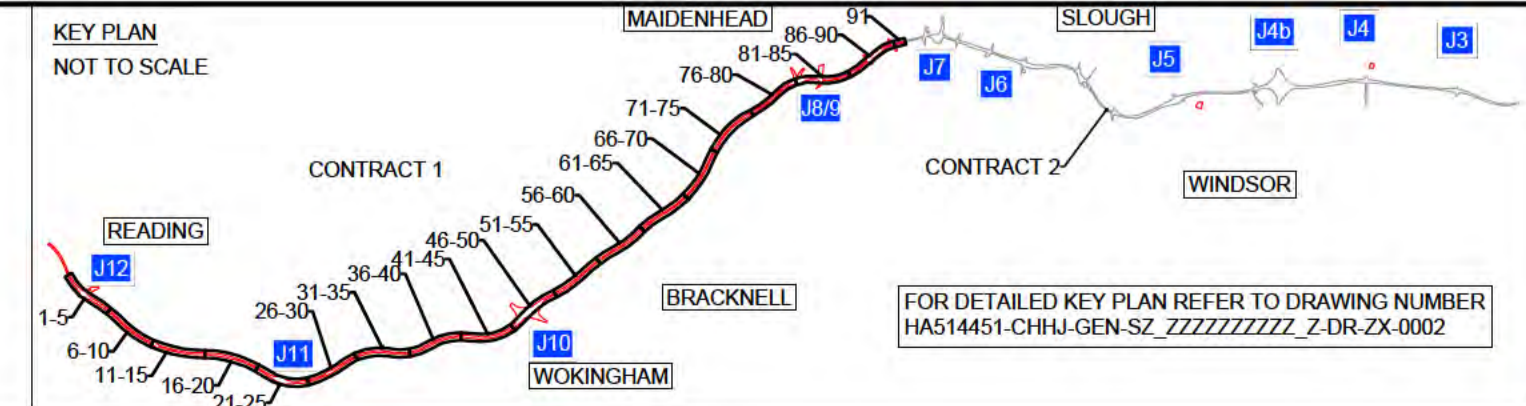
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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| Construction | |
|--------------|--|
| 1. | WORKING ADJACENT TO RAILWAY LINE |
| 2. | TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION |
| 3. | RESTRICTED HEIGHT CLEARANCE |
| 4. | SIGNIFICANT FLORA OR FAUNA INTERACTION |
| 5. | OVERHEAD POWER LINE |
| 6. | GROUND CONTAMINATION |
| 7. | SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION |
| 8. | SIGNIFICANT TRAFFIC INTERACTION |
| 9. | GROUNDWATER OR FLOODWATER INTERACTION |
| 10. | CONFLICT WITH ACCESS |
| 11. | ABNORMAL GROUND CONDITIONS |
| 12. | EXISTING LIGHTING REMOVAL |

| CO1 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|-------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



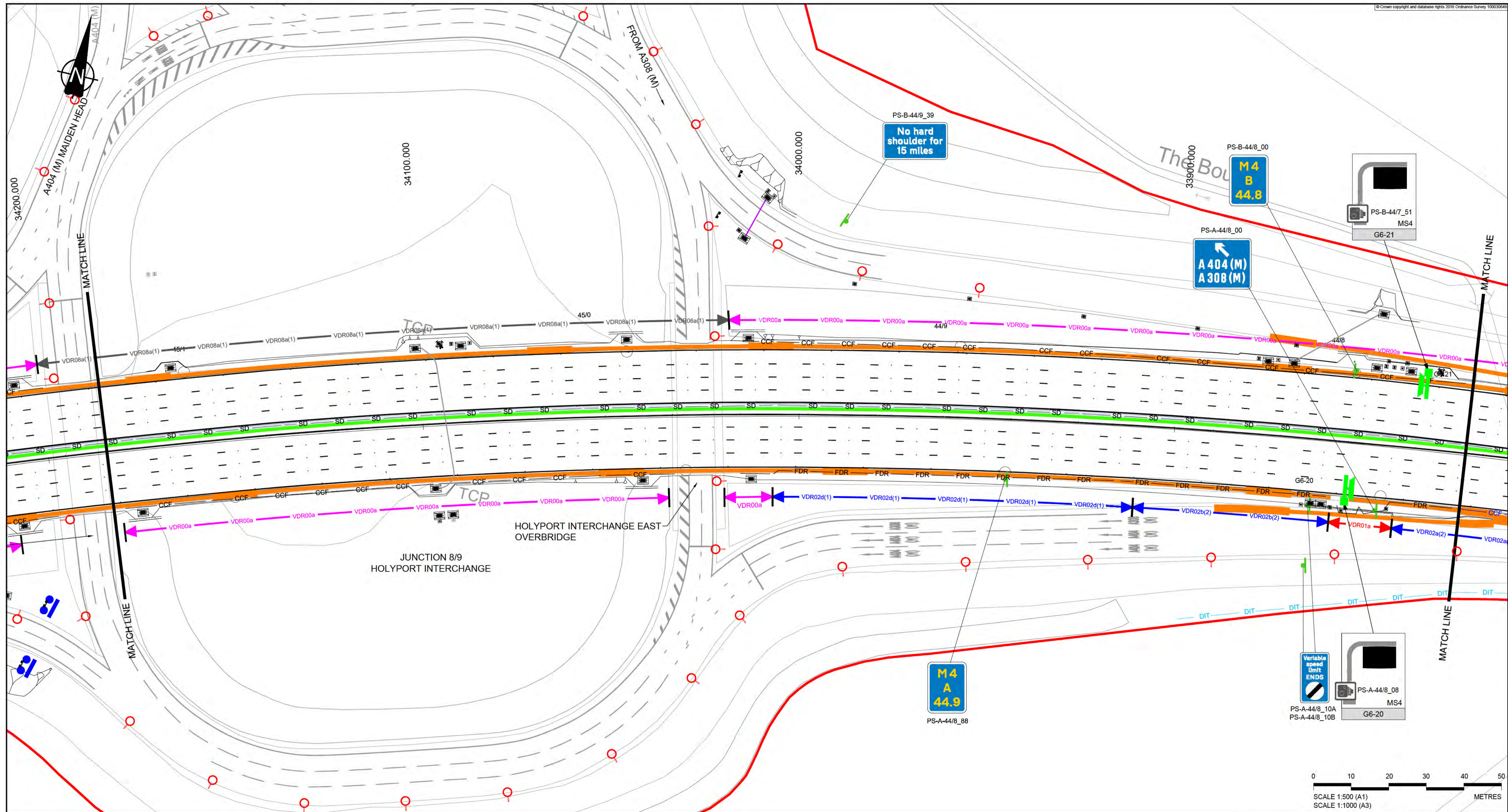
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
 SHEET 80 OF 91
 CONTRACT 1
 CH 3454 TO 34185

| | | | |
|----------------|------------------------------|----------------------|--------------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Original Size | A1 |
| Checked By | [REDACTED] | Volume Location | HGN-S1 ML000000_Z-DR-CH-1080 |
| Approved By | [REDACTED] | Type Role Number | |
| Project No. | HA PIN H4514451 | Originator | CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1080 | | |



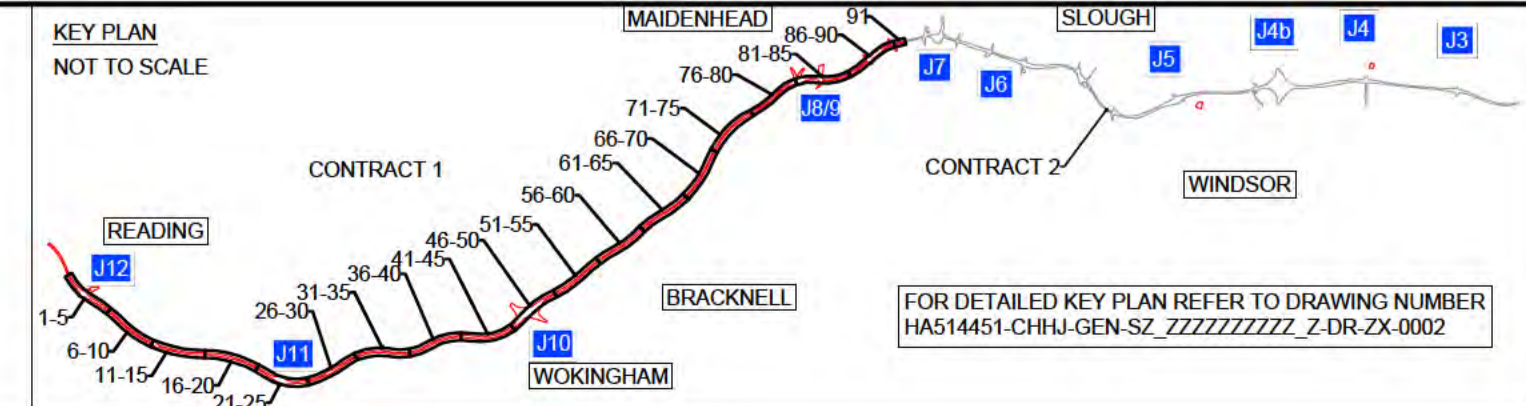
NOTES
 1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
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 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|---------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Check'd | Apprv'd |
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |

CONSTRUCTION



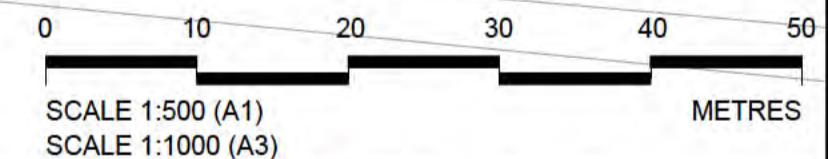
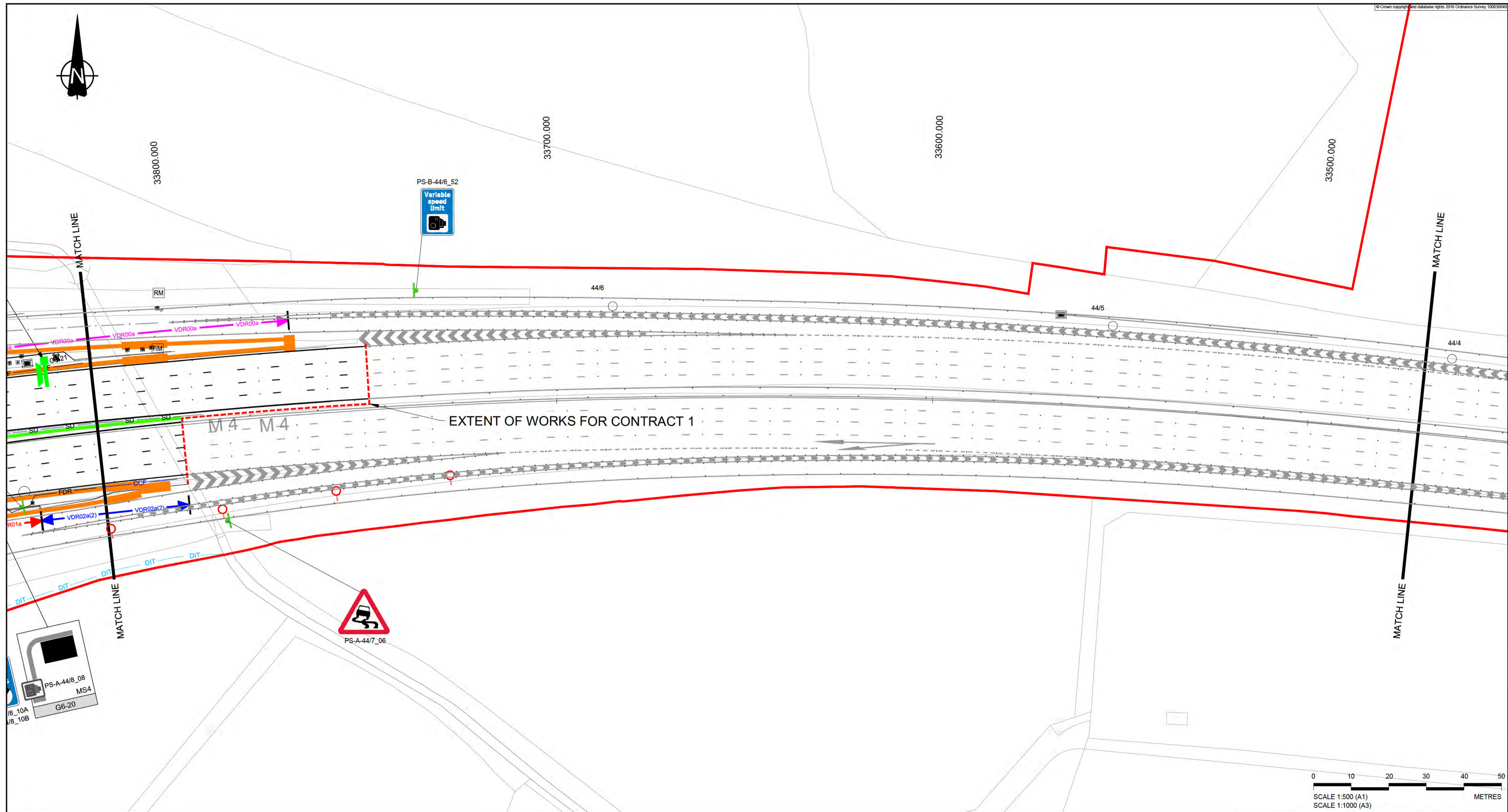
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
 SHEET 81 OF 91
 CONTRACT 1
 CH 34185 TO 33820

| | | | |
|------------------------------|-------------------|----------------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [Redacted] | Checked By | [Redacted] |
| Approved By | [Redacted] | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHHJ |
| Drawing number | Volume Location | Type Role Number | |
| HGN-S1_ML000000_Z-DR-CH-1081 | | | |



NOTES
1. REFER TO SHEET 0 FOR KEY AND NOTES

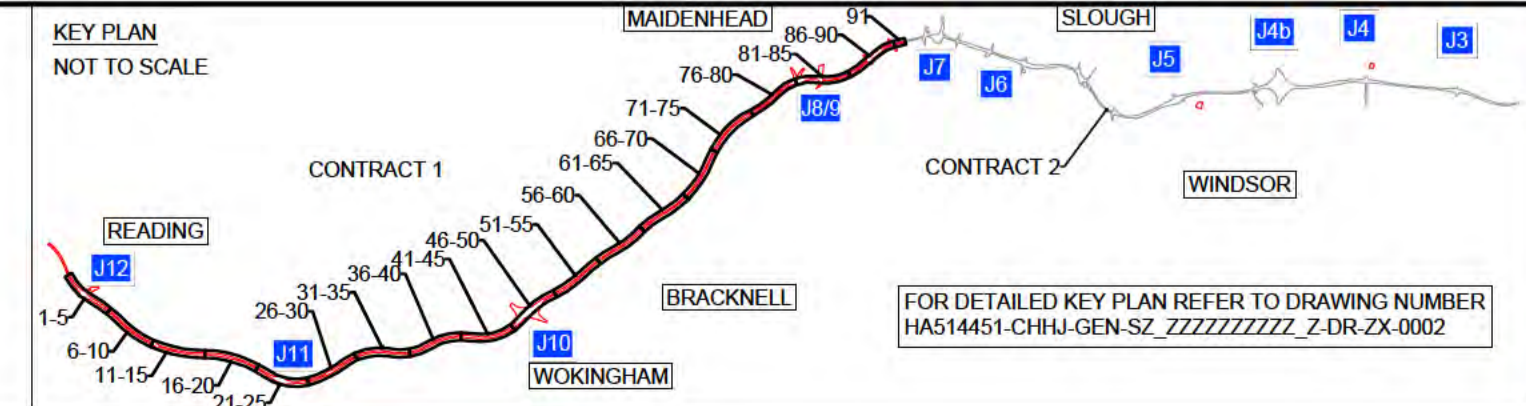
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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| Construction | |
|--------------|--|
| 1. | WORKING ADJACENT TO RAILWAY LINE |
| 2. | TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION |
| 3. | RESTRICTED HEIGHT CLEARANCE |
| 4. | SIGNIFICANT FLORA OR FAUNA INTERACTION |
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| 6. | GROUND CONTAMINATION |
| 7. | SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION |
| 8. | SIGNIFICANT TRAFFIC INTERACTION |
| 9. | GROUNDWATER OR FLOODWATER INTERACTION |
| 10. | CONFLICT WITH ACCESS |
| 11. | ABNORMAL GROUND CONDITIONS |
| 12. | EXISTING LIGHTING REMOVAL |

| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|-------|--------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



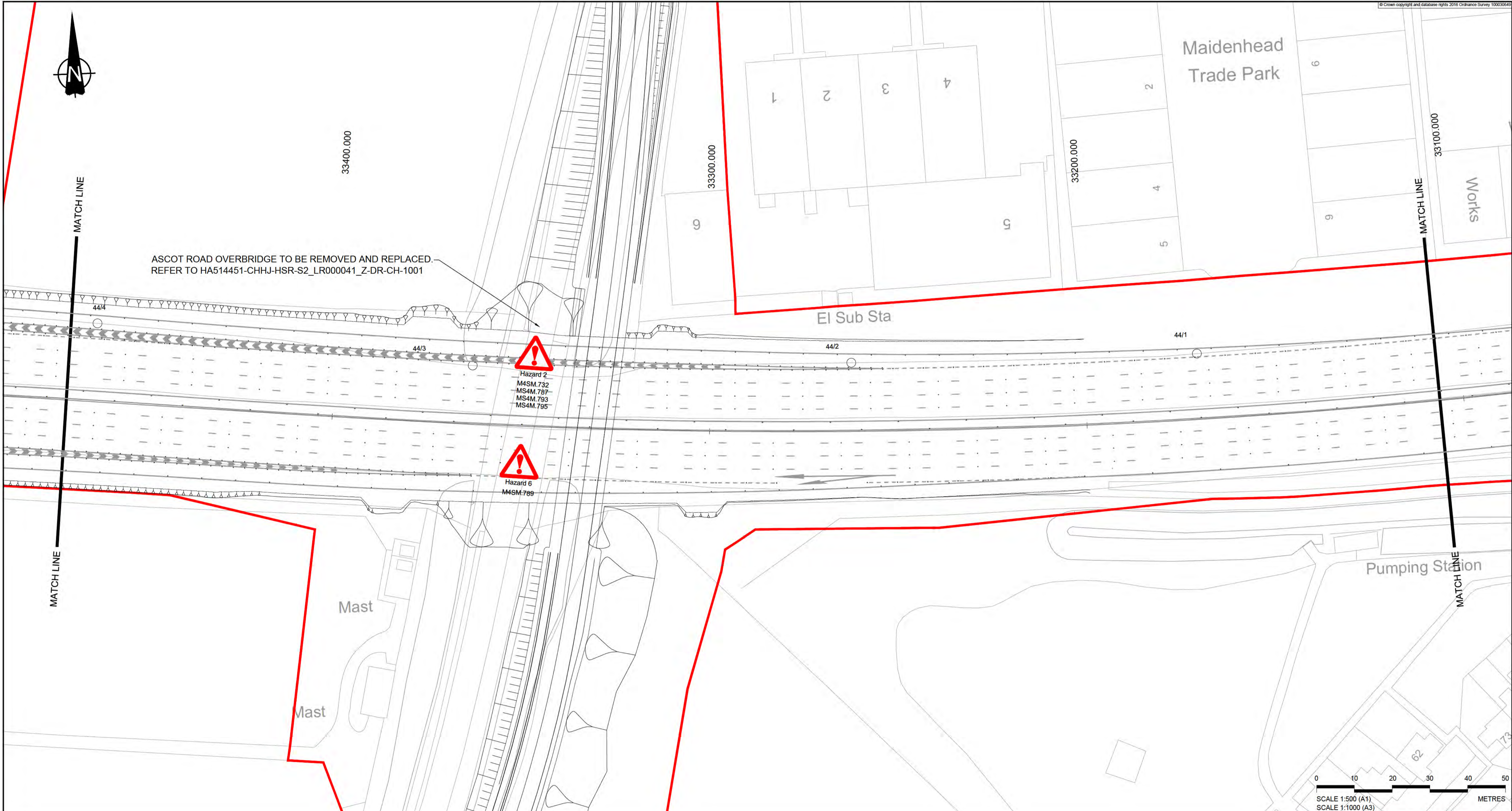
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 82 OF 91
CONTRACT 1
CH 33820 TO 33470

| | | | |
|------------------------------|--------------------|---------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | BRIAN JOHNSTONE | Original Size | A1 |
| Project No. | HA PIN HA514451 | Originator | CHJ |
| Volume | Location | Type | Number |
| HGN-S1_ML000000_Z-DR-CH-1082 | | | |



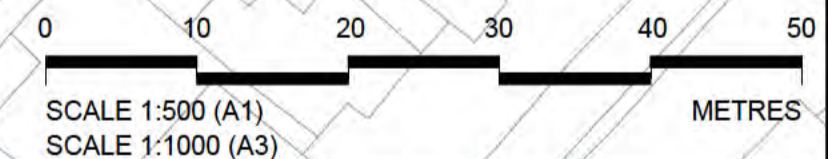
ASCOT ROAD OVERBRIDGE TO BE REMOVED AND REPLACED.
REFER TO HA514451-CHHJ-HSR-S2_LR000041_Z-DR-CH-1001



Hazard 2
MS4M.732
MS4M.787
MS4M.793
MS4M.795



Hazard 6
MS4M.789



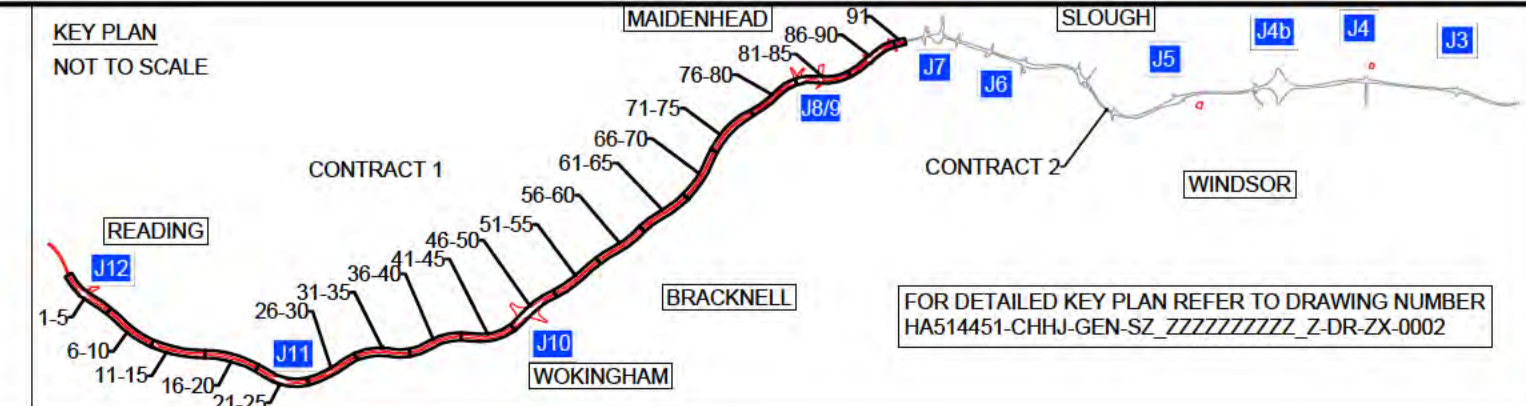
NOTES
1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
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- Construction**
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 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|-------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



Client

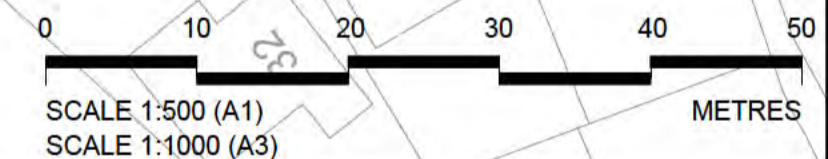
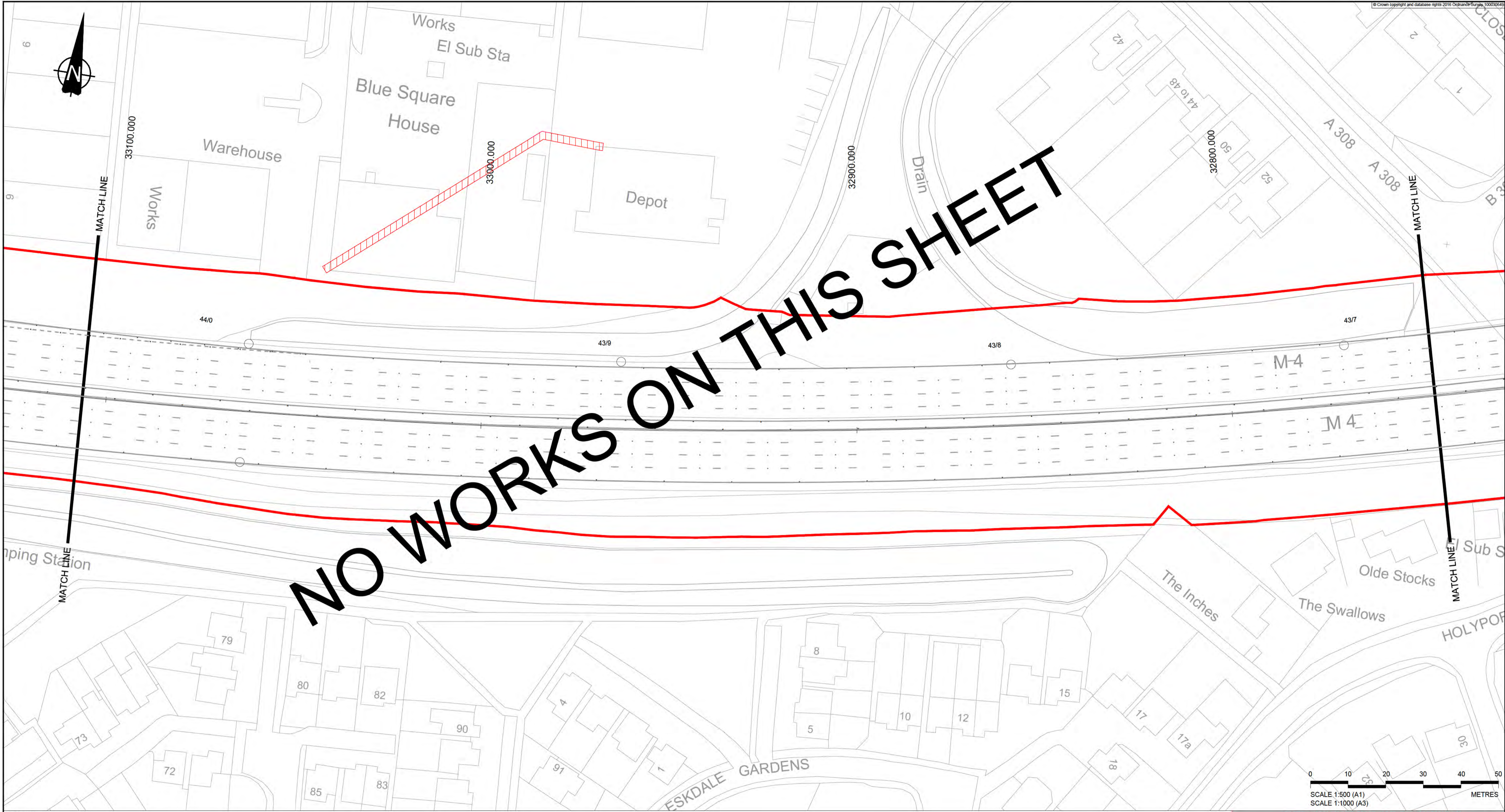
DELIVERING THROUGH
ch2m **ARCADIS**

Project **SMART MOTORWAYS PROGRAMME**
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 83 OF 91
CONTRACT 1
CH 33470 TO 33105

| | | | |
|----------------|------------------------------|----------------------|---------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN I Originator |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1083 | Volume Location | CHHJ |
| | | Type Role Number | A1 |

NO WORKS ON THIS SHEET

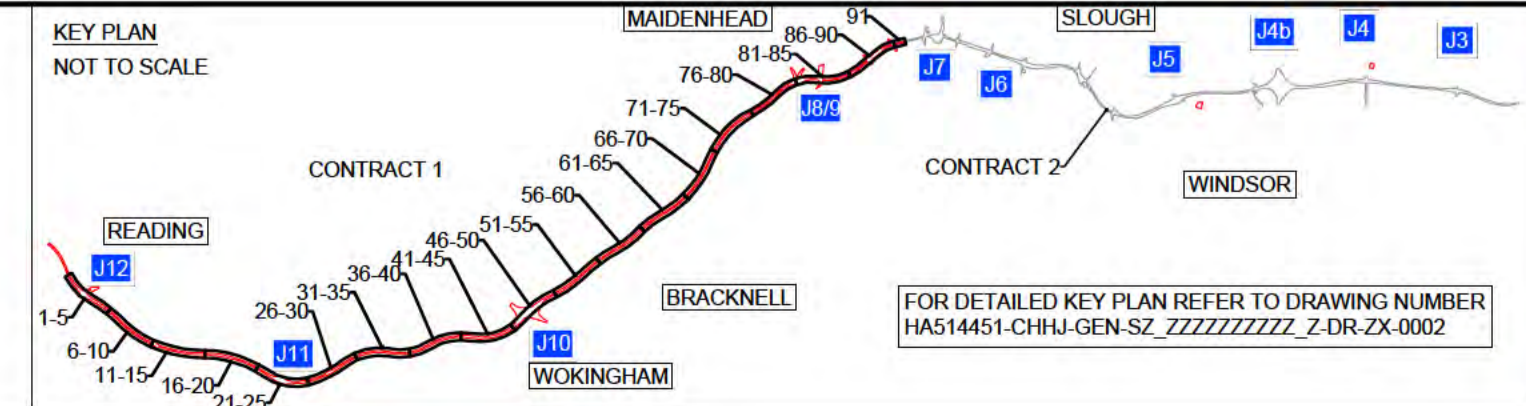


NOTES
1. REFER TO SHEET 0 FOR KEY AND NOTES

- SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**
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 - 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 - 3. RESTRICTED HEIGHT CLEARANCE
 - 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 - 5. OVERHEAD POWER LINE
 - 6. GROUND CONTAMINATION
 - 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 - 8. SIGNIFICANT TRAFFIC INTERACTION
 - 9. GROUNDWATER OR FLOODWATER INTERACTION
 - 10. CONFLICT WITH ACCESS
 - 11. ABNORMAL GROUND CONDITIONS
 - 12. EXISTING LIGHTING REMOVAL

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



Client

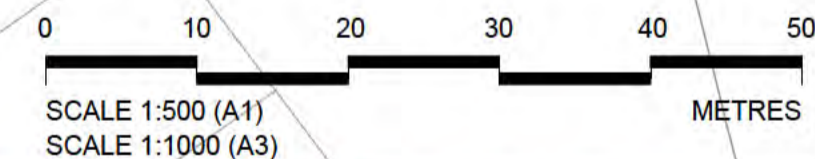
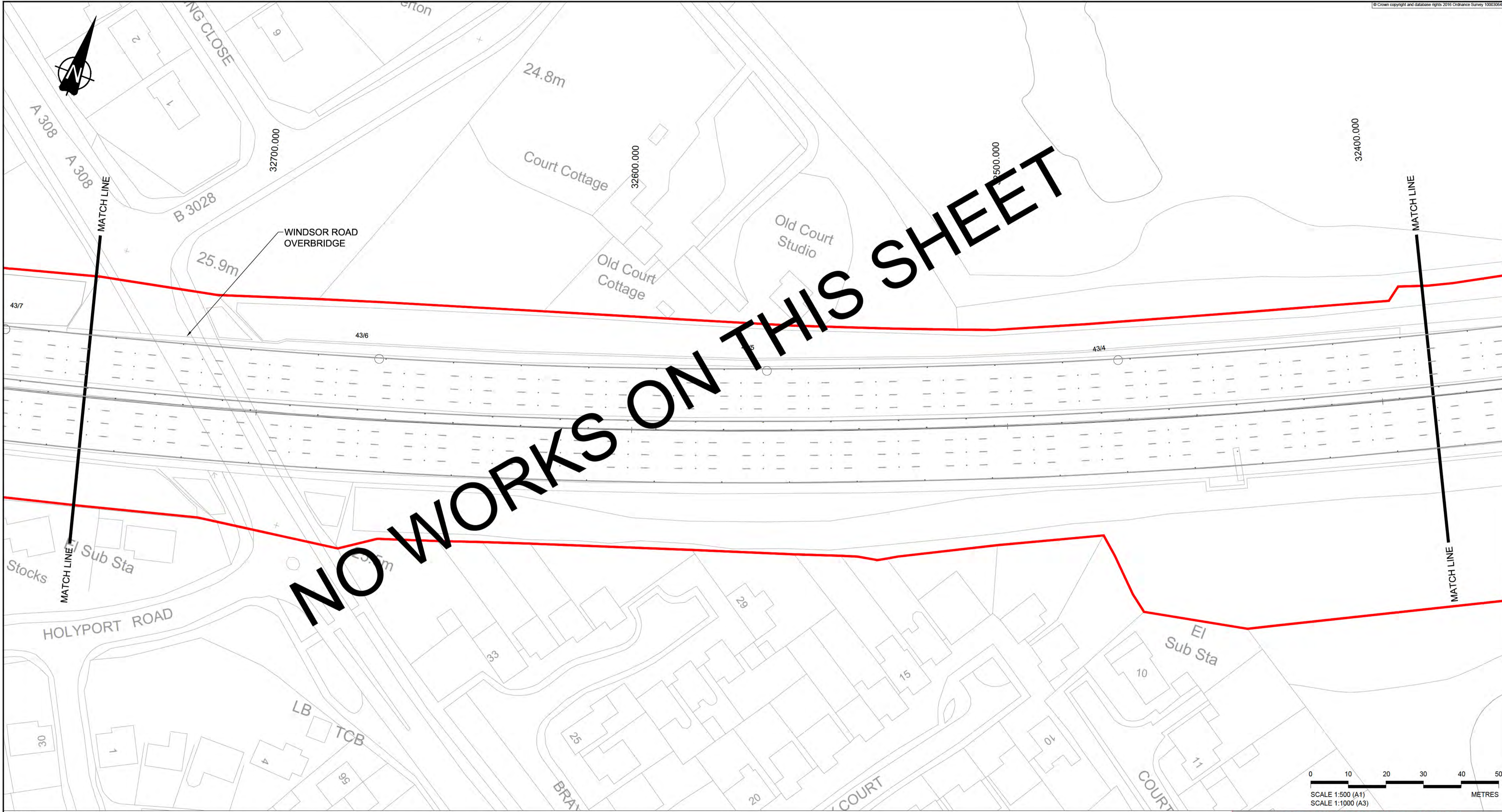
DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 84 OF 91
CONTRACT 1
CH 33105 TO 32745

| | | | |
|----------------|------------------------------|-------------------|--------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN 1 Originator CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1084 | Volume Location | 1 Type Role Number |

NO WORKS ON THIS SHEET



NOTES

1. REFER TO SHEET 0 FOR KEY AND NOTES

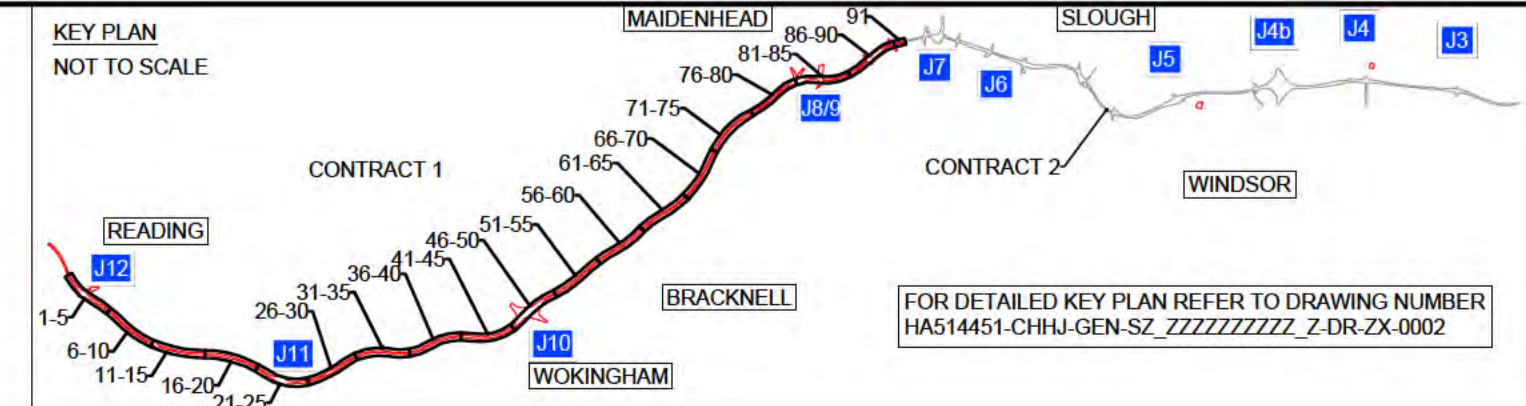
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|-------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



Client

DELIVERING THROUGH
ch2m **ARCADIS**

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
**GENERAL ARRANGEMENT
SHEET 85 OF 91
CONTRACT 1
CH 32745 TO 32835**

| | | | |
|----------------|------------------------------|---------------|--------------------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN I Originator HA514451 CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1085 | Original Size | A1 |

NO WORKS ON THIS SHEET

32400.000

32300.000

32200.000

32100.000

32000.000

MATCH LINE

MATCH LINE

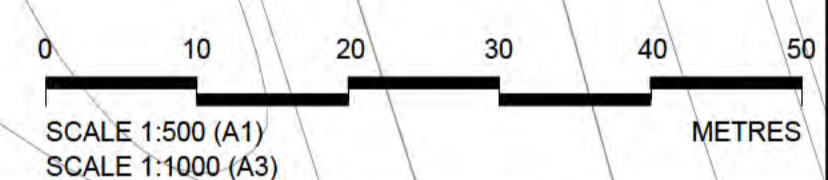
43/3

43/2

43/1

43/0

Mast



NOTES

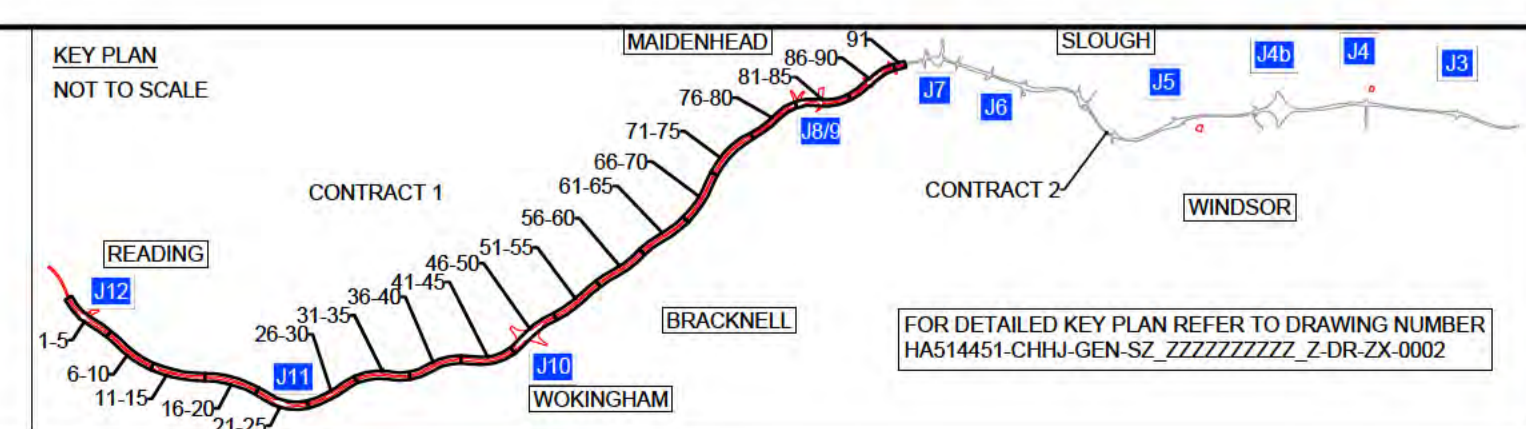
- 1. REFER TO SHEET 0 FOR KEY AND NOTES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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- Construction
1. WORKING ADJACENT TO RAILWAY LINE
 2. TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION
 3. RESTRICTED HEIGHT CLEARANCE
 4. SIGNIFICANT FLORA OR FAUNA INTERACTION
 5. OVERHEAD POWER LINE
 6. GROUND CONTAMINATION
 7. SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION
 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

CONSTRUCTION



Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

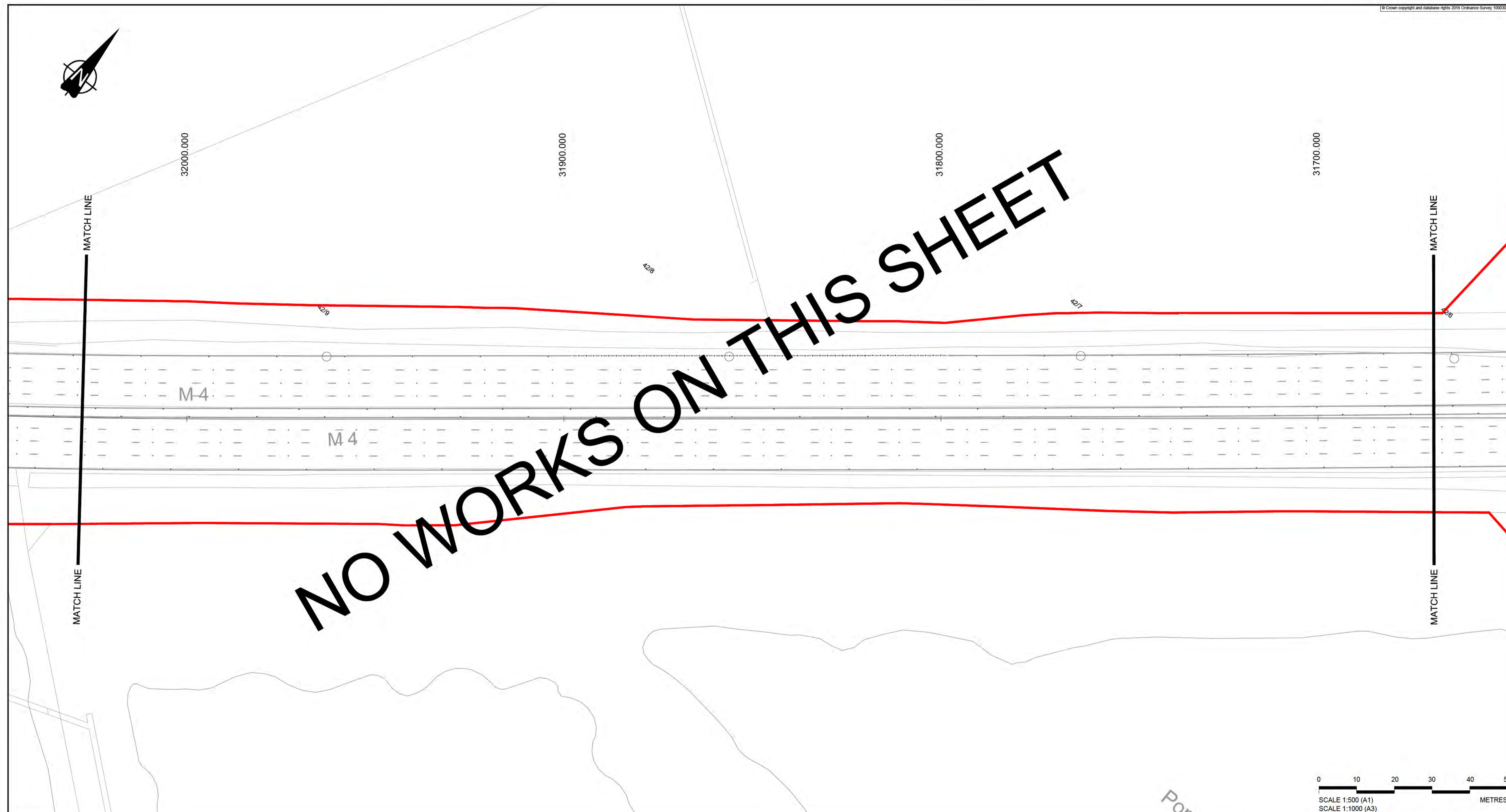
Drawing title
GENERAL ARRANGEMENT
SHEET 86 OF 91
CONTRACT 1
CH 32385 TO 32030

| | | | |
|----------------|------------------------------|-------------------|----------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN |
| Originator | CHHJ | Original Size | A1 |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1086 | Volume Location | Type Role Number |

| | | | | | | |
|-----|--------|------------|------------------------|-------|-------|--------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |



NO WORKS ON THIS SHEET



NOTES
1. REFER TO SHEET 0 FOR KEY AND NOTES

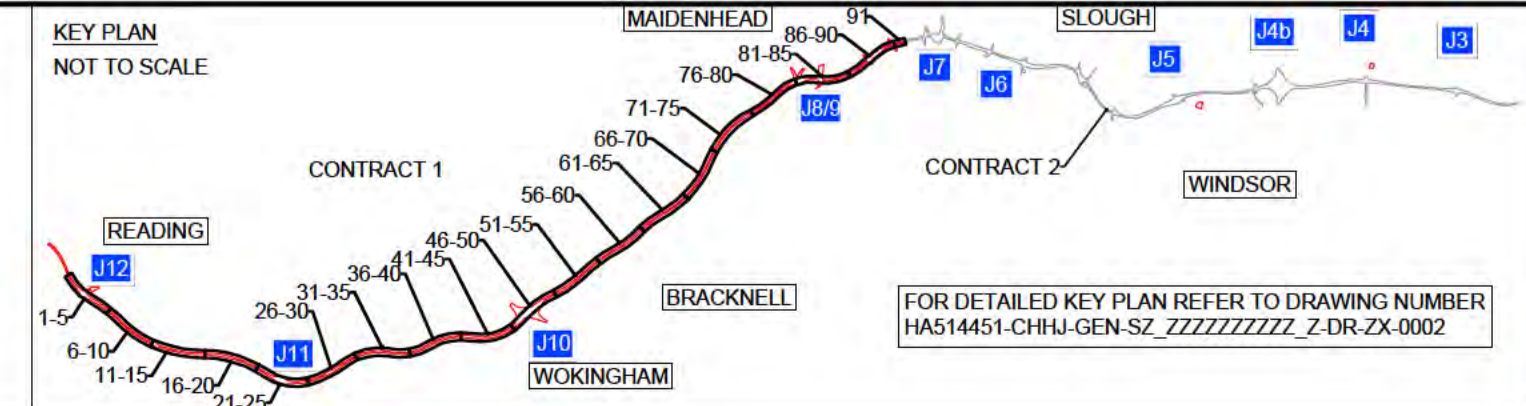
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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| Construction | |
|--------------|--|
| 1. | WORKING ADJACENT TO RAILWAY LINE |
| 2. | TRANSVERSE STATUTORY UNDERTAKERS PLANT INTERACTION |
| 3. | RESTRICTED HEIGHT CLEARANCE |
| 4. | SIGNIFICANT FLORA OR FAUNA INTERACTION |
| 5. | OVERHEAD POWER LINE |
| 6. | GROUND CONTAMINATION |
| 7. | SIGNIFICANT VERGE SLOPE OR UNEVEN GROUND INTERACTION |
| 8. | SIGNIFICANT TRAFFIC INTERACTION |
| 9. | GROUNDWATER OR FLOODWATER INTERACTION |
| 10. | CONFLICT WITH ACCESS |
| 11. | ABNORMAL GROUND CONDITIONS |
| 12. | EXISTING LIGHTING REMOVAL |

| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|-------|--------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



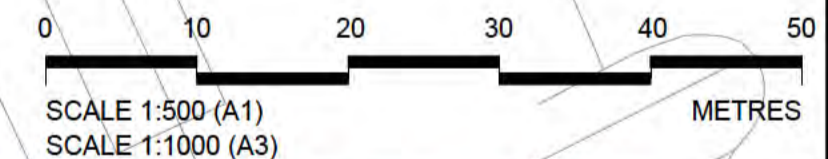
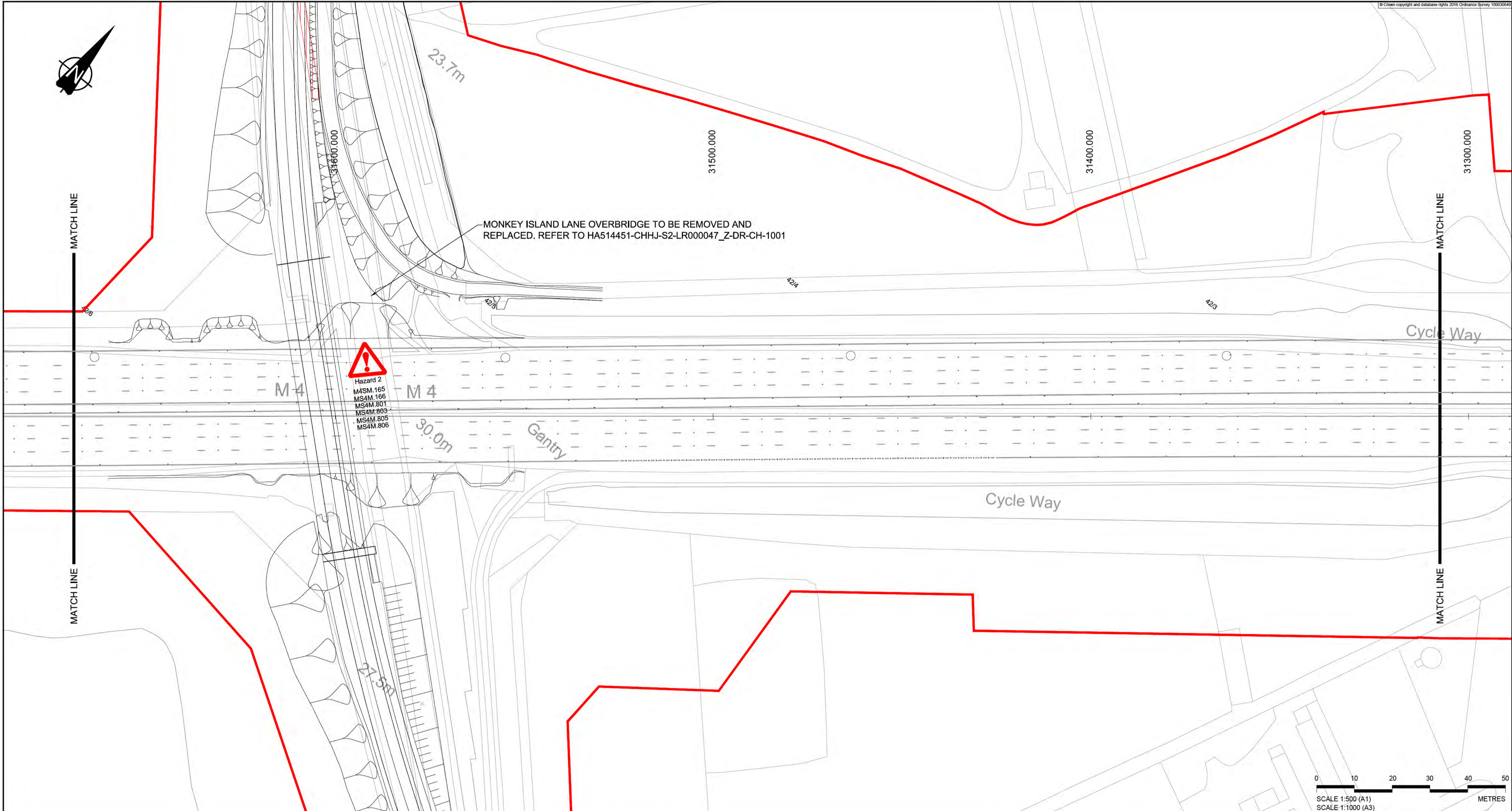
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 87 OF 91
CONTRACT 1
CH 32030 TO 31670

| | | | |
|-------------------|------------------------------|-------------|---------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Checked By | [REDACTED] |
| Approved By | [REDACTED] | Project No. | HA PIN I Originator |
| Project No. | HA514451 | CHHJ | Original Size |
| Volume Location | HGN-S1_ML000000_Z-DR-CH-1087 | | A1 |



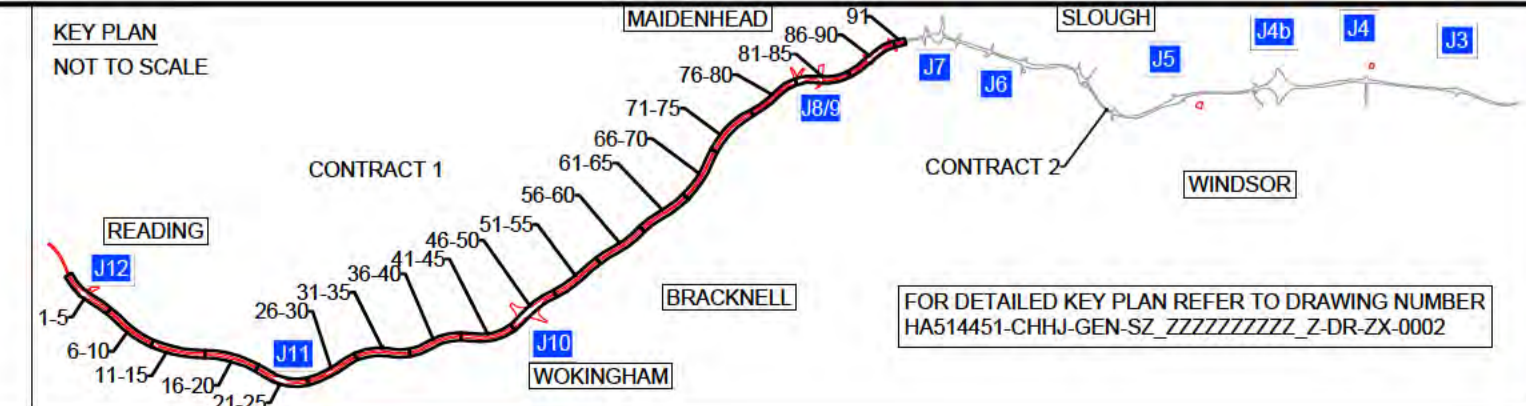
NOTES

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 8. SIGNIFICANT TRAFFIC INTERACTION
 9. GROUNDWATER OR FLOODWATER INTERACTION
 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|-------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



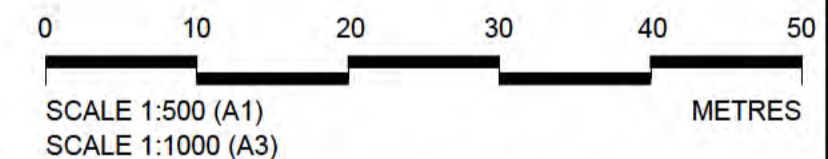
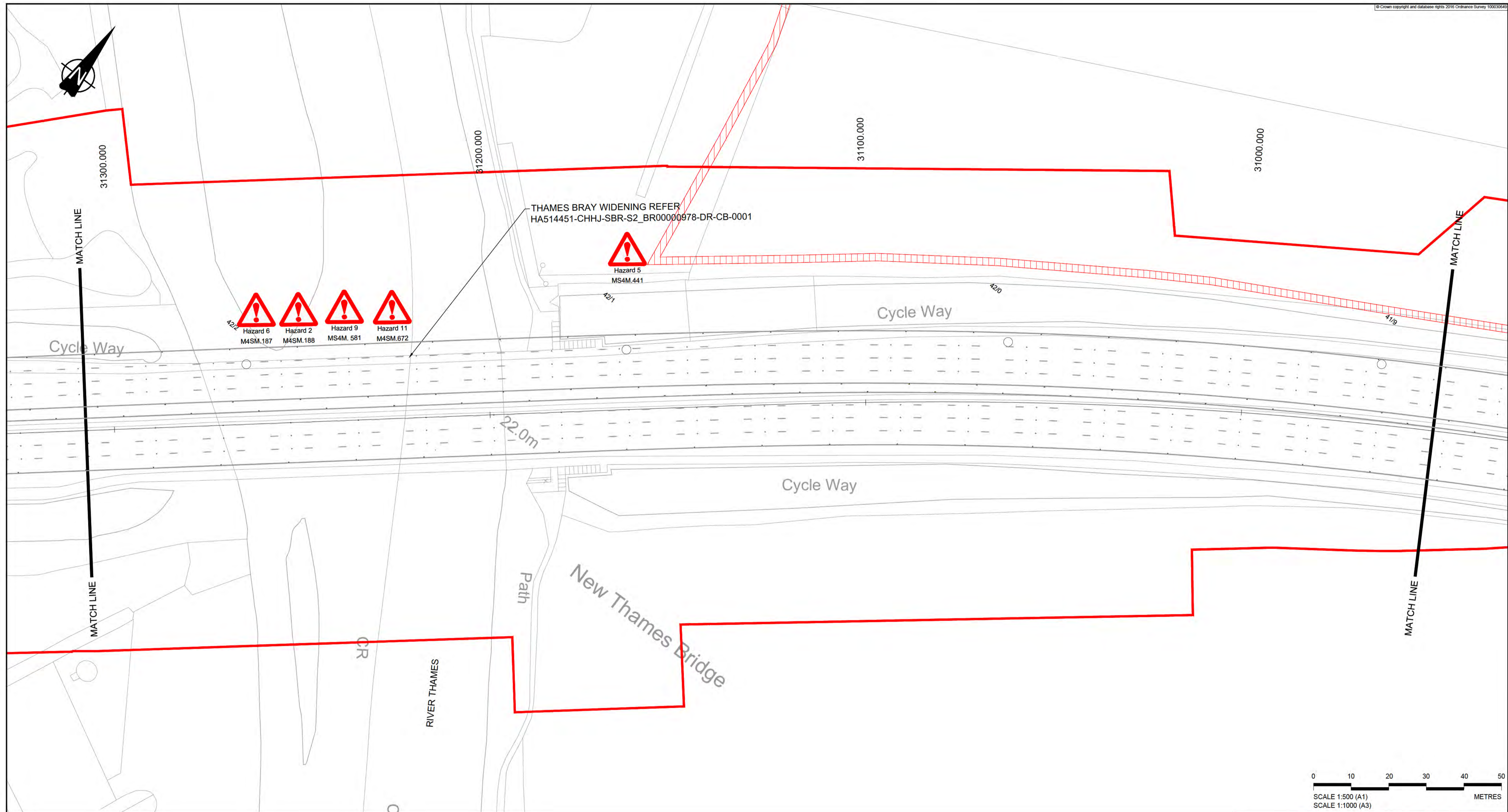
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
 M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
 SHEET 88 OF 91
 CONTRACT 1
 CH 31670 TO 31310

| | | | |
|----------------|------------------------------|-------------|---------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | | Checked By | |
| Approved By | | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHHJ |
| Original Size | A1 | Volume | Location |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1088 | Type | Role Number |



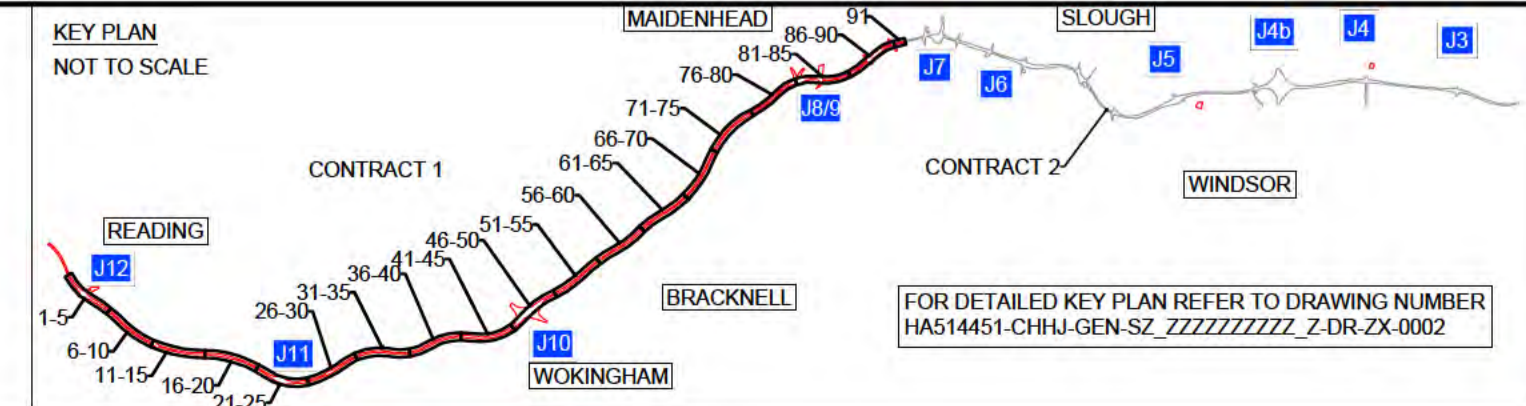
NOTES

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|-----|--------|------------|------------------------|-------|-------|---------|
| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



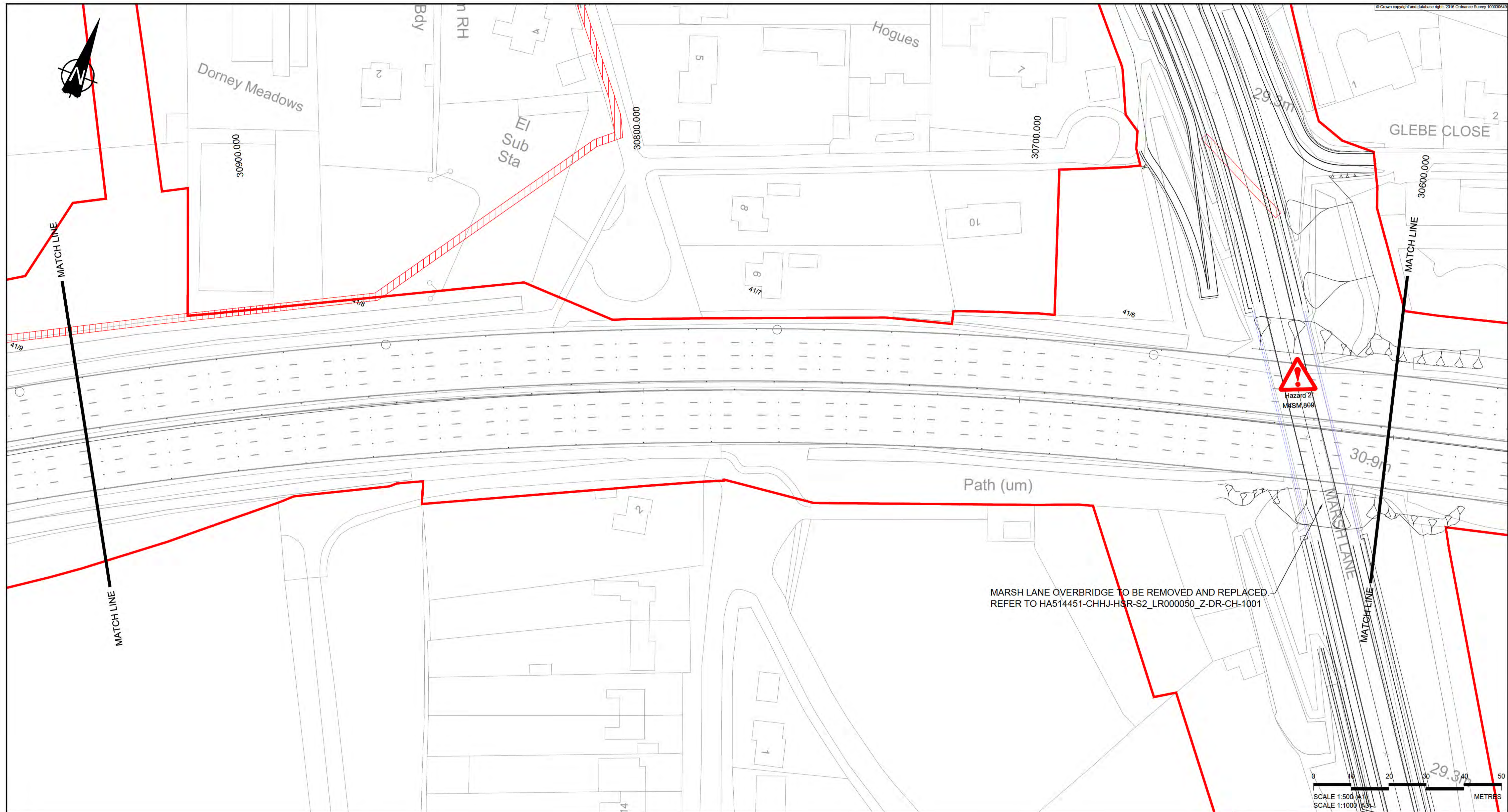
Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 89 OF 91
CONTRACT 1
CH 31310 TO 30925

| | | | |
|------------------------------|-------------------|----------------------|------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | | Checked By | |
| Approved By | | Project No. | HA PIN |
| Project No. | HA PIN | Originator | CHHJ |
| Drawing number | Volume Location | Type Role Number | |
| HGN-S1_ML000000_Z-DR-CH-1089 | | | |



NOTES

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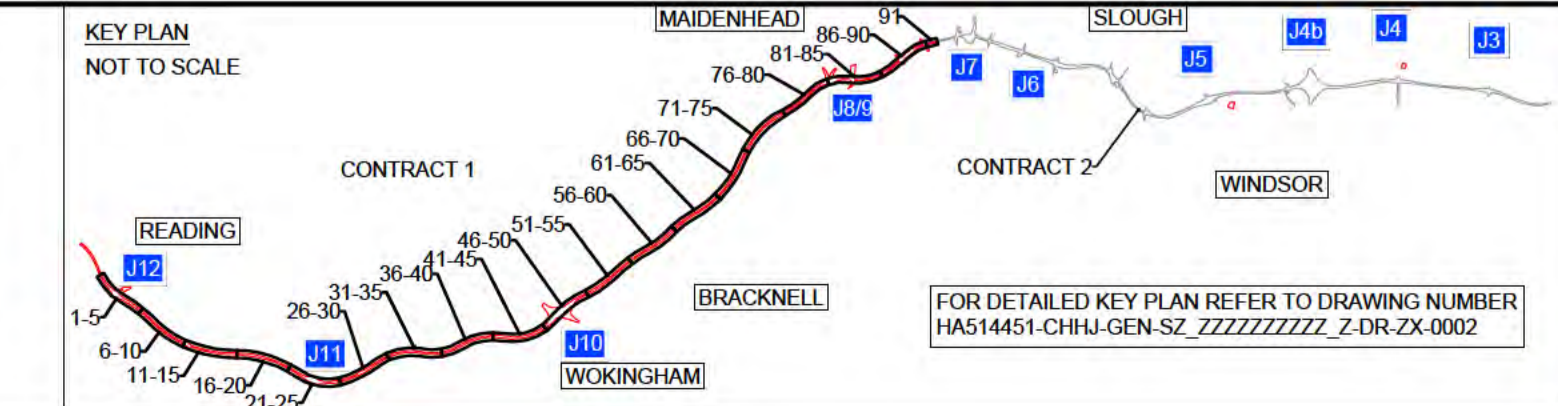
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 10. CONFLICT WITH ACCESS
 11. ABNORMAL GROUND CONDITIONS
 12. EXISTING LIGHTING REMOVAL

| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|-------|---------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Apprv'd |

CONSTRUCTION



Client

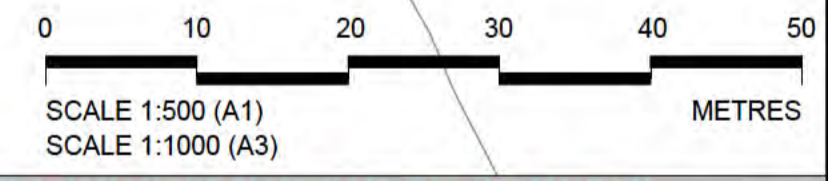
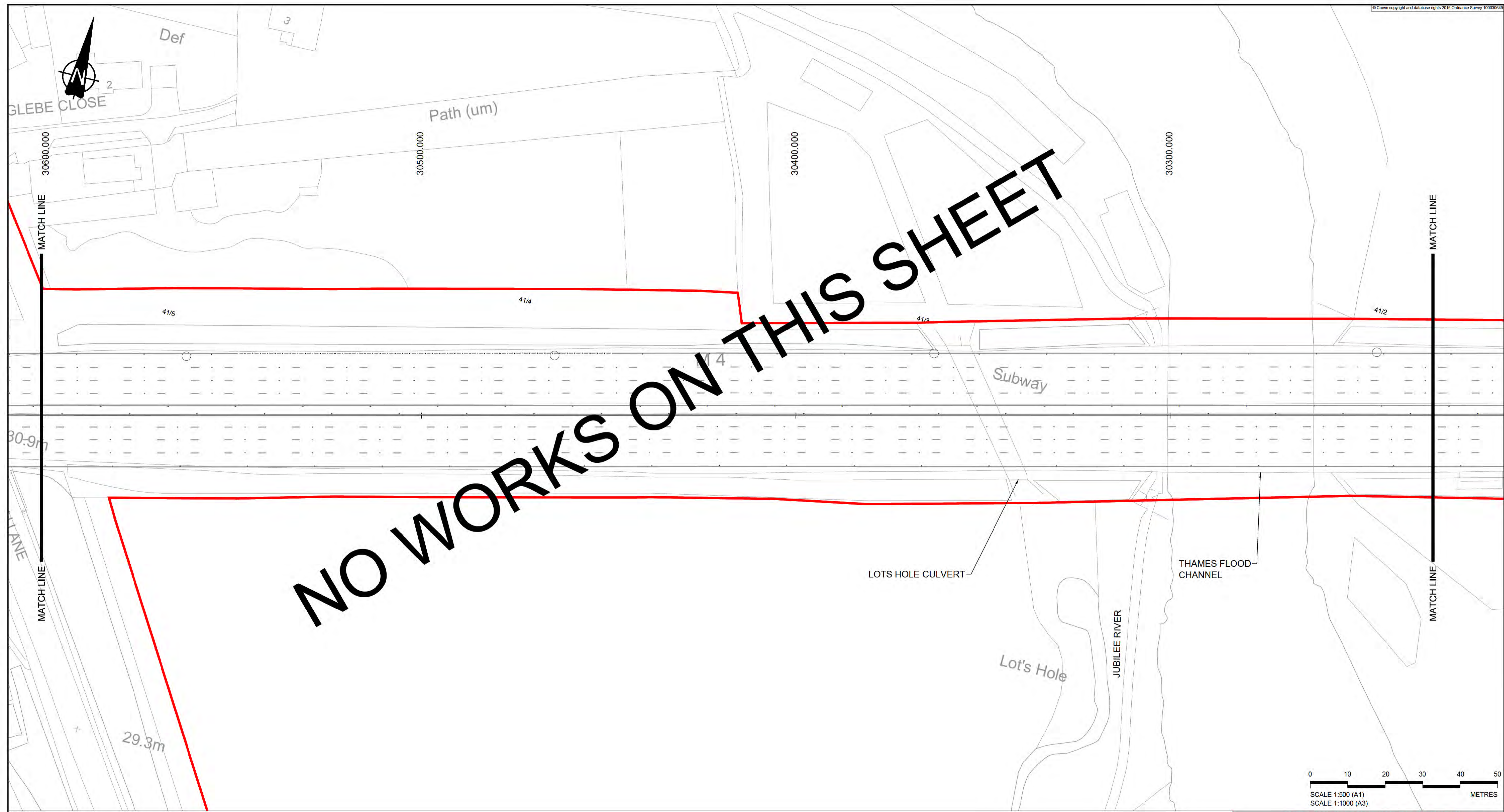
DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 90 OF 91
CONTRACT 1
CH 30925 TO 30600

| | | | |
|----------------|------------------------------|----------------------|------------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | [REDACTED] | Original Size | A1 |
| Checked By | [REDACTED] | Volume Location | HGN-S1_ML000000_Z-DR-CH-1090 |
| Approved By | [REDACTED] | Type Role Number | |
| Project No. | HA PIN HA514451 | Originator | CHIJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1090 | | |

NO WORKS ON THIS SHEET

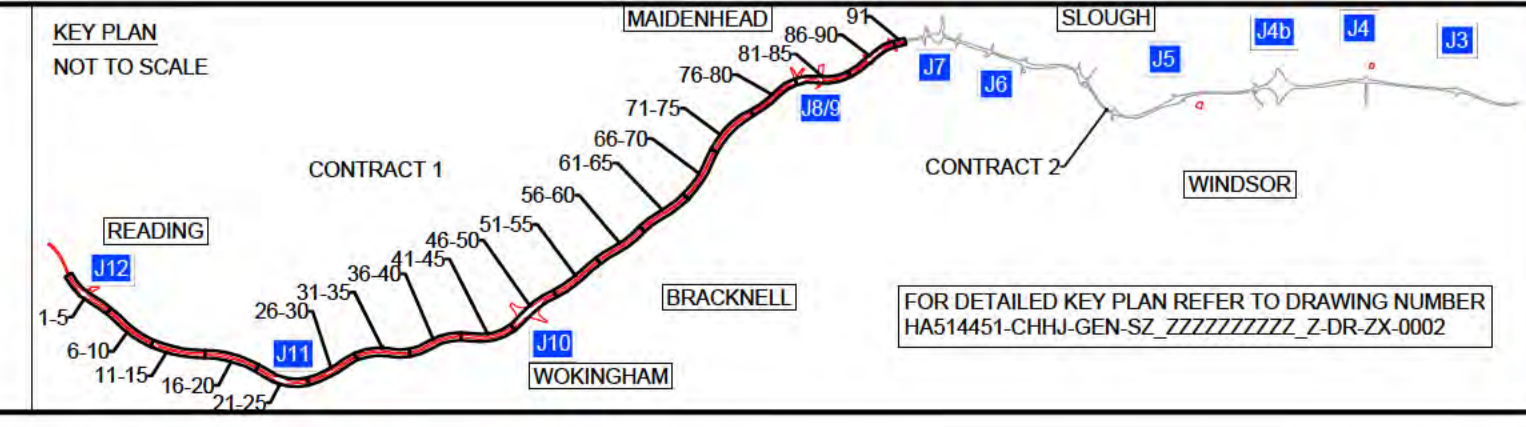


NOTES
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| C01 | A | 06/07/2018 | ISSUE FOR CONSTRUCTION | CR | IC | BN |
|-----|--------|------------|------------------------|-------|-------|--------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chk'd | Appr'd |

CONSTRUCTION



Client

DELIVERING THROUGH

Project SMART MOTORWAYS PROGRAMME
M4 JUNCTIONS 3-12

Drawing title
GENERAL ARRANGEMENT
SHEET 91 OF 91
CONTRACT 1
CH 30600 TO 30230

| | | | |
|----------------|------------------------------|-------------------|------------------------------------|
| Status | A | Revision | C01 |
| Scale | 1:500 | Date | 06/07/2018 |
| Drawn By | | Checked By | |
| Approved By | | Project No. | HA PIN Originator HA514451 CHHJ |
| Drawing number | HGN-S1_ML000000_Z-DR-CH-1091 | Volume Location | Type Role Number |