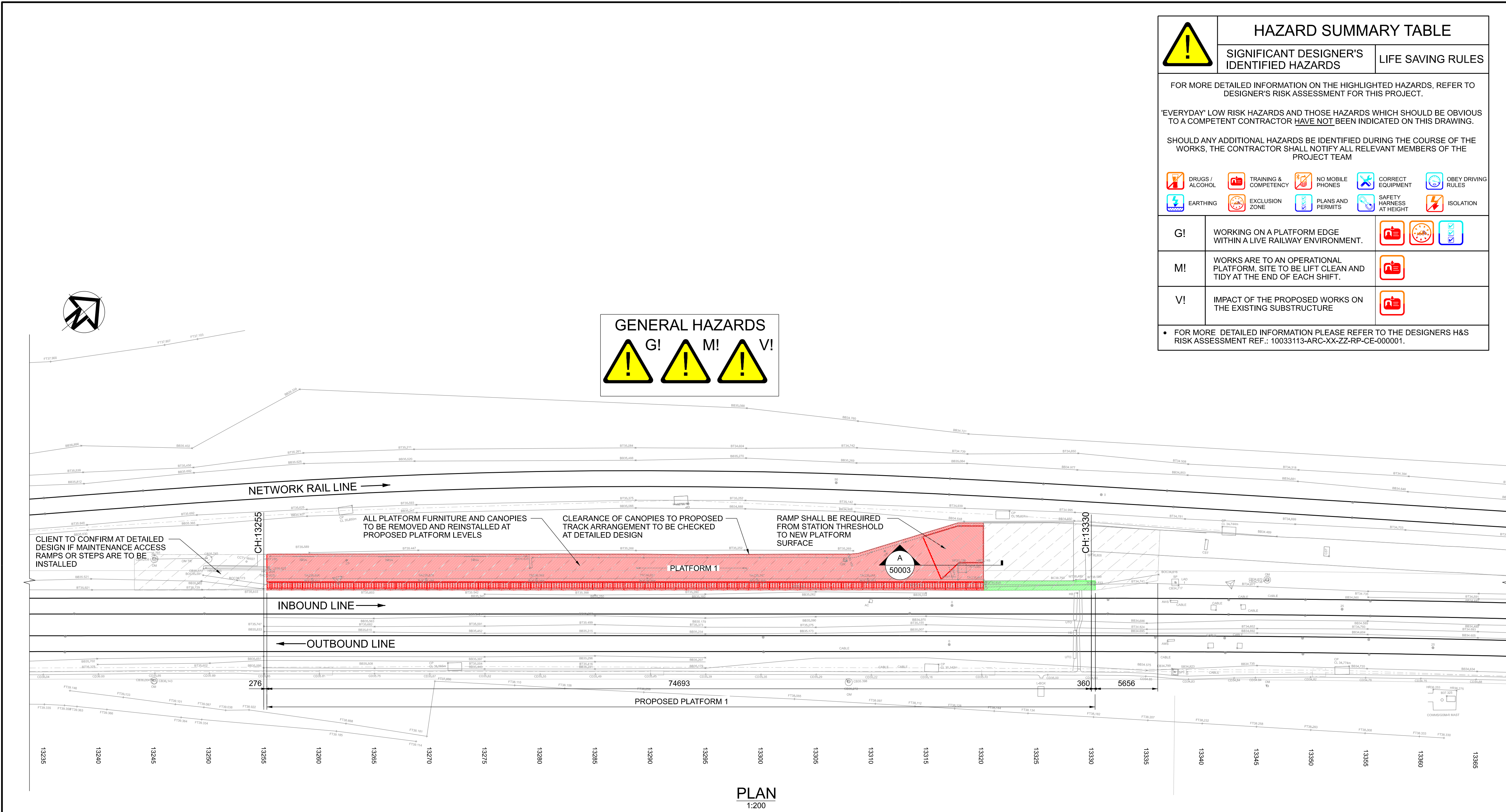




| HAZARD SUMMARY TABLE                                                                                                                             |                                                                                                |                                                                                                           |  |                                                                                                       |  |                                                                                                              |                                                                                     |                                                                                                        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--|
|                                                                                                                                                  |                                                                                                | SIGNIFICANT DESIGNER'S IDENTIFIED HAZARDS                                                                 |  |                                                                                                       |  | LIFE SAVING RULES                                                                                            |                                                                                     |                                                                                                        |  |
| FOR MORE DETAILED INFORMATION ON THE HIGHLIGHTED HAZARDS, REFER TO DESIGNER'S RISK ASSESSMENT FOR THIS PROJECT.                                  |                                                                                                |                                                                                                           |  |                                                                                                       |  |                                                                                                              |                                                                                     |                                                                                                        |  |
| 'EVERYDAY' LOW RISK HAZARDS AND THOSE HAZARDS WHICH SHOULD BE OBVIOUS TO A COMPETENT CONTRACTOR <u>HAVE NOT</u> BEEN INDICATED ON THIS DRAWING.  |                                                                                                |                                                                                                           |  |                                                                                                       |  |                                                                                                              |                                                                                     |                                                                                                        |  |
| SHOULD ANY ADDITIONAL HAZARDS BE IDENTIFIED DURING THE COURSE OF THE WORKS, THE CONTRACTOR SHALL NOTIFY ALL RELEVANT MEMBERS OF THE PROJECT TEAM |                                                                                                |                                                                                                           |  |                                                                                                       |  |                                                                                                              |                                                                                     |                                                                                                        |  |
|  DRUGS / ALCOHOL                                              |                                                                                                |  TRAINING & COMPETENCY |  |  NO MOBILE PHONES  |  |  CORRECT EQUIPMENT        |                                                                                     |  OBEY DRIVING RULES |  |
|  EARTHING                                                     |                                                                                                |  EXCLUSION ZONE        |  |  PLANS AND PERMITS |  |  SAFETY HARNESS AT HEIGHT |                                                                                     |  ISOLATION          |  |
| G!                                                                                                                                               | WORKING ON A PLATFORM EDGE WITHIN A LIVE RAILWAY ENVIRONMENT.                                  |                                                                                                           |  |                                                                                                       |  |                           |  |                     |  |
| M!                                                                                                                                               | WORKS ARE TO AN OPERATIONAL PLATFORM. SITE TO BE LIFT CLEAN AND TIDY AT THE END OF EACH SHIFT. |                                                                                                           |  |                                                                                                       |  |                           |                                                                                     |                                                                                                        |  |
| V!                                                                                                                                               | IMPACT OF THE PROPOSED WORKS ON THE EXISTING SUBSTRUCTURE                                      |                                                                                                           |  |                                                                                                       |  |                           |                                                                                     |                                                                                                        |  |
| • FOR MORE DETAILED INFORMATION PLEASE REFER TO THE DESIGNERS H&S RISK ASSESSMENT REF.: 10033113-ARC-XX-ZZ-RP-CE-000001.                         |                                                                                                |                                                                                                           |  |                                                                                                       |  |                                                                                                              |                                                                                     |                                                                                                        |  |

#### NOTES:

- DO NOT SCALE CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY OMISSIONS OR ERRORS.
- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE. ALL LEVEL IN METERS.
- ORIGINAL TOPOGRAPHIC AND PLATFORM GAUGING SURVEY CARRIED BY PBH SURVEYS IN AUTUMN 2019.
- REFER TO ASSOCIATED DRAWINGS FOR FURTHER DETAILS  
10033113-ARC-00-XX-DR-CE-50001  
10033113-ARC-00-XX-DR-CE-50002  
10033113-ARC-00-XX-DR-CE-50003  
10033113-ARC-00-XX-DR-CE-50004  
10033113-ARC-00-XX-DR-CE-50005  
10033113-ARC-00-XX-DR-CE-50006  
10033113-ARC-00-XX-DR-CE-60001  
10033113-ARC-00-XX-DR-CE-60002  
10033113-ARC-00-XX-DR-CE-60003  
10033113-ARC-00-XX-DR-CE-60004
- EXISTING RADIO EQUIPMENT ON HEBBURN PLATFORMS COULD BE AFFECTED BY THE PROPOSED WORKS TO BE CONFIRM AT DETAILED DESIGN.

#### LEGEND:

|  |                                 |
|--|---------------------------------|
|  | - EXISTING                      |
|  | - MODIFIED EXISTING             |
|  | - DEMOLISHED / REMOVED EXISTING |
|  | - PROPOSED                      |

|     |          |                                             |  |       |       |        |
|-----|----------|---------------------------------------------|--|-------|-------|--------|
|     |          |                                             |  |       |       |        |
|     |          |                                             |  |       |       |        |
|     |          |                                             |  |       |       |        |
|     |          |                                             |  |       |       |        |
|     |          |                                             |  |       |       |        |
| P01 | 16/01/20 | First Issue                                 |  | DL    | AK    | CD     |
| A01 | 27/03/20 | Form A Issue - Revised for Clients Comments |  | AH    | AK    | CD     |
| Rev | Date     | Description                                 |  | Drawn | Check | Approv |

Client NEXUS

PROJECT:  
Nexus Metro Flow



Site

Pelaw to Jarrow

Client

Nexus Rail Headquarters  
Gosforth Industrial Estate  
Christon Road  
Newcastle, NE3 1XD  
+44 (0)19120 220 747

www.nexus.org.uk

| Existing Arrangement              |          |                 |                |                         |                        |              |             |          |         |         |                        |        |                          |                                              |                     |                          | Proposed Arrangement                     |                            |                           |                                                                 |                                                    |                                                                            |                                                               |                      |                 |                |                          |                        |               |                                          |                                          |           |                                 |                          |     |  |  |  |
|-----------------------------------|----------|-----------------|----------------|-------------------------|------------------------|--------------|-------------|----------|---------|---------|------------------------|--------|--------------------------|----------------------------------------------|---------------------|--------------------------|------------------------------------------|----------------------------|---------------------------|-----------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------|----------------------|-----------------|----------------|--------------------------|------------------------|---------------|------------------------------------------|------------------------------------------|-----------|---------------------------------|--------------------------|-----|--|--|--|
| Existing Arrangement Gauging Data |          |                 |                |                         |                        |              |             |          |         |         |                        |        |                          |                                              |                     |                          | Existing Arrangement Topo Data           |                            |                           |                                                                 |                                                    | Proposed Track Alterations                                                 |                                                               | Proposed Coper Works |                 |                |                          |                        | Final Offsets |                                          |                                          |           |                                 | Proposed Surfacing Works |     |  |  |  |
| Remarks                           | Chainage | Lateral Dim 'X' | Height Dim 'Y' | Coper Overhang Dim 'Z1' | Platform Wall Dim 'Z2' | Coping Depth | Survey Cant | Low Rail | Versine | Radius  | Curve Hand Back to Low | Recess | Platform m Constr uction | Platform m Width - Coper to back of platform | Back of Coper Level | Back of Platform m Level | Platform Crossfall                       | Slue                       | Lift                      | Ideal Coper Setback<br>+ve = Setback<br>-ve = toward track (mm) | Ideal Coper Lift<br>+ve = Lift<br>-ve = Lower (mm) | Value Engineered Coper Setback<br>+ve = Setback<br>-ve = toward track (mm) | Value Engineered Coper Lift<br>+ve = Lift<br>-ve = Lower (mm) | Required Coper Works | Lateral Dim 'X' | Height Dim 'Y' | Coper Overhan g Dim 'Z1' | Platform Wall Dim 'Z2' | Recess        | Crossfall                                | Required Surfacing Works                 | Crossfall | Proposed Back of Platform Level | Remarks                  |     |  |  |  |
|                                   | Metres   | (mm)            | (mm)           | (mm)                    | (mm)                   | (mm)         | (mm)        |          | (mm)    | (m)     |                        | (mm)   |                          | (m)                                          | (m)                 |                          | +ve = Fall Away<br>-ve = Fall Toward 1in | +ve = Toward<br>-ve = Away | +ve = Lift<br>-ve = Lower | toward track (mm)                                               | -ve = Lower (mm)                                   | -ve = toward track (mm)                                                    | +ve = Lift<br>-ve = Lower (mm)                                |                      | (mm)            | (mm)           | (mm)                     | (mm)                   | (mm)          | +ve = Fall Away<br>-ve = Fall Toward 1in | +ve = Fall Away<br>-ve = Fall Toward 1in | (m)       |                                 |                          |     |  |  |  |
| BOR                               | 13250    | 1523            | -200           |                         |                        | 100          | -3.3        | R        | 1.70    | 7359    | R                      |        | BRW                      |                                              |                     |                          |                                          | -4                         | -96                       |                                                                 |                                                    |                                                                            |                                                               |                      |                 | 1527           | -100                     |                        |               |                                          |                                          |           |                                 |                          | BOR |  |  |  |
| MOR                               | 13253    | 1112            | 369            | 200                     | 1365                   | 100          | -2          | R        | 0.55    | 22810   | R                      |        | 253                      | BRW                                          |                     |                          |                                          | -4                         | -96                       |                                                                 |                                                    |                                                                            |                                                               |                      |                 | 1115           | 467                      | 200                    | 1365          | 250                                      |                                          |           |                                 |                          | MOR |  |  |  |
| TOR                               | 13255    | 702             | 909            | 200                     | 992                    | 100          | 0.4         | L        | 0.35    | -35566  | L                      |        | 290                      | BRW                                          | 2.3205              | 36.687                   | 36.677                                   | 232.05                     | -3                        | -96                                                             | 12                                                 | -105                                                                       | -105                                                          | Coper to be Modified | 705             | 900            | 200                      | 992                    | 287           | -24.48                                   | Resurface Platform to Compliant f        | 50        | 36.536                          | TOR                      |     |  |  |  |
|                                   | 13260    | 707             | 900            | 215                     | 998                    | 100          | 2.7         | L        | 1.11    | 11296   | R                      |        | 291                      | BRW                                          | 3.2614              | 36.631                   | 36.677                                   | -70.90                     | -1                        | -98                                                             | 9                                                  | -97                                                                        | -97                                                           | Coper to be Modified | 710             | 900            | 215                      | 998                    | 288           | -22.86                                   | Resurface Platform to Compliant f        | 50        | 36.469                          |                          |     |  |  |  |
|                                   | 13265    | 708             | 892            | 180                     | 999                    | 100          | 1           | L        | 0.07    | -169683 | L                      |        | 291                      | BRW                                          | 3.87                | 36.563                   | 36.677                                   | -33.95                     | 1                         | -102                                                            | 10                                                 | -94                                                                        | -94                                                           | Coper to be Modified | 708             | 900            | 180                      | 999                    | 291           | -16.65                                   | Resurface Platform to Compliant f        | 50        | 36.392                          |                          |     |  |  |  |
|                                   | 13270    | 711             | 894            | 185                     | 997                    | 100          | 2.4         | L        | 3.45    | -3628   | L                      |        | 286                      | BRW                                          | 3.2512              | 36.519                   | 36.677                                   | -20.58                     | 5                         | -109                                                            | 11                                                 | -102                                                                       | -102                                                          | Coper to be Modified | 707             | 900            | 185                      | 997                    | 290           | -12.51                                   | Resurface Platform to Compliant f        | 50        | 36.352                          |                          |     |  |  |  |
|                                   | 13275    | 710             | 895            | 187                     | 998                    | 100          | 2.1         | L        | 0.94    | 13339   | R                      |        | 288                      | BRW                                          | 3.2781              | 36.462                   | 36.677                                   | -15.25                     | 3                         | -119                                                            | 10                                                 | -113                                                                       | -113                                                          | Coper to be Modified | 708             | 900            | 187                      | 998                    | 290           | -10.00                                   | Resurface Platform to Compliant f        | 50        | 36.283                          |                          |     |  |  |  |
|                                   | 13280    | 709             | 898            | 189                     | 994                    | 100          | 3.5         | L        | 1.44    | 8678    | R                      |        | 285                      | BRW                                          | 3.007               | 36.42                    | 36.04                                    | 7.91                       | 1                         | -128                                                            | 9                                                  | -124                                                                       | -124                                                          | Coper to be Modified | 710             | 900            | 189                      | 994                    | 284           | 11.76                                    | Resurface Platform to Compliant f        | 50        | 36.236                          |                          |     |  |  |  |
|                                   | 13285    | 710             | 900            | 184                     | 995                    | 100          | 4.2         | L        | 2.19    | -5719   | L                      |        | 285                      | BRW                                          | 2.965               | 36.355                   | 36.04                                    | 9.41                       | 1                         | -132                                                            | 8                                                  | -130                                                                       | -130                                                          | Coper to be Modified | 712             | 900            | 184                      | 995                    | 283           | 16.02                                    | Resurface Platform to Compliant f        | 50        | 36.166                          |                          |     |  |  |  |
|                                   | 13290    | 706             | 899            | 171                     | 991                    | 100          | 5.3         | L        | 0.32    | -39590  | L                      |        | 285                      | BRW                                          | 2.978               | 36.308                   | 36.04                                    | 11.11                      | -1                        | -139                                                            | 10                                                 | -135                                                                       | -135                                                          | Coper to be Modified | 710             | 900            | 171                      | 991                    | 281           | 22.46                                    | Resurface Platform to Compliant f        | 50        | 36.113                          |                          |     |  |  |  |
|                                   | 13295    | 704             | 898            | 175                     | 986                    | 100          | 2.6         | L        | 2.63    | 4755    | R                      |        | 182                      | BRW                                          | 2.955               | 36.24                    | 36.04                                    | 14.77                      | -4                        | -139                                                            | 9                                                  | -136                                                                       | -136                                                          | Coper to be Modified | 710             | 900            | 175                      | 986                    | 176           | 45.97                                    | Resurface Platform to Compliant f        | 46        | 36.040                          |                          |     |  |  |  |
|                                   | 13300    | 702             | 897            | 176                     | 990                    | 100          | 2.1         | L        | 2.10    | -5965   | L                      |        | 288                      | BRW                                          | 2.952               | 26.19                    | 36.04                                    | -0.30                      | -4                        | -145                                                            | 11                                                 | -141                                                                       | -141                                                          | Coper to be Modified | 707             | 900            | 176                      | 990                    | 283           | -0.30                                    | Resurface Platform to Compliant f        | 50        | 25.990                          |                          |     |  |  |  |
|                                   | 13305    | 706             | 917            | 168                     | 997                    | 100          | 4.3         | L        | 2.66    | 4703    | R                      |        | 291                      | BRW                                          | 3.0267              | 36.138                   | 36.04                                    | 30.88                      | -6                        | -144                                                            | 5                                                  | -159                                                                       | -159                                                          | Coper to be Modified | 715             | 900            | 168                      | 997                    | 282           | -49.72                                   | Resurface Platform to Compliant f        | 50        | 35.919                          |                          |     |  |  |  |
|                                   | 13310    | 703             | 923            | 166                     | 982                    | 100          | 8.3         | L        | 0.19    | 66556   | R                      |        | 279                      | BRW                                          | 3.456               | 36.086                   | 36.04                                    | 75.13                      | -6                        | -143                                                            | 8                                                  | -162                                                                       | -162                                                          | Coper to be Modified | 714             | 900            | 166                      | 982                    | 268           | -29.81                                   | Resurface Platform to Compliant f        | 50        | 35.855                          |                          |     |  |  |  |
|                                   | 13315    | 705             | 922            | 170                     | 995                    | 100          | 5           | L        | 1.97    | 6329    | R                      |        | 290                      | BRW                                          | 5.1906              | 36.029                   | 36.04                                    | -471.87                    | -4                        | -151                                                            | 8                                                  | -171                                                                       | -171                                                          | Coper to be Modified | 712             | 900            | 170                      | 995                    | 283           | -26.59                                   | Resurface Platform to Compliant f        | 50        | 35.755                          |                          |     |  |  |  |
|                                   | 13320    | 708             | 924            | 185                     | 1003                   | 100          | 2.3         | L        | 0.52    | 23898   | R                      |        | 295                      | BRW                                          | 5.8653              | 35.986                   | 36.04                                    | -108.62                    | 3                         | -161                                                            | 12                                                 | -184                                                                       | -184                                                          | Coper to be Removed  | 706             | 900            | 185                      | 1003                   | 297           | -24.66                                   | Resurface Platform to Compliant f        | -25       | 36.040                          |                          |     |  |  |  |
|                                   | 13325    | 723             | 921            | 204                     | 1020                   | 100          | -5.1        | R        | 1.17    | 10691   | R                      |        | 297                      | BRW                                          | 6.1699              | 35.92                    | 36.04                                    | -51.42                     | 10                        | -160                                                            | 4                                                  | -184                                                                       | -184                                                          | Coper to be Removed  | 710             | 900            | 204                      | 1020                   | 310           | -20.32                                   | Resurface Platform to Compliant f        | -20       | 36.040                          |                          |     |  |  |  |
|                                   | 13330    | 741             | 924            | 205                     | 1035                   | 100          | -10         | R        | 2.10    | 5940    | R                      |        | 294                      | BRW                                          | 4.7102              | 35.875                   | 36.04                                    | -28.55                     | 17                        | -162                                                            | 7                                                  | -191                                                                       | -191                                                          | Coper to be Removed  | 718             | 900            | 205                      | 1035                   | 317           | -13.23                                   | Resurface Platform to Compliant f        | -13       | 36.040                          |                          |     |  |  |  |
| TOR                               | 13331    | 735             | 926            | 196                     | 1050                   | 100          | -10.95      | R        | 3.10    | 4030    | R                      |        | 315                      | BRW                                          | 4.7102              | 35.875                   | 36.04                                    | -28.55                     | 18                        | -163                                                            | 0                                                  | -195                                                                       | -195                                                          | Coper to be Removed  | 710             | 900            | 196                      | 1050                   | 340           | -13.10                                   | Resurface Platform to Compliant f        | -13       | 36.040                          | TOR                      |     |  |  |  |
| MOR                               | 13333    | 1153            | 330            | 206                     | 1492                   | 100          | -11.9       | R        | 5.90    | 2120    | R                      |        | 339                      | BRW                                          |                     |                          |                                          |                            | 20                        | -167                                                            | -416                                               | 403                                                                        |                                                               |                      | 1130            | 507            | 206                      | 1492                   | 362           |                                          |                                          |           |                                 | MOR                      |     |  |  |  |
| BOR                               | 13336    | 1583            | -210           |                         |                        | 100          | -14.8       | R        | 3.76    | 3324    | R                      |        |                          | BRW                                          |                     |                          |                                          |                            | 23                        | -174                                                            | -843                                               | 936                                                                        |                                                               |                      | 1562            | -20            |                          |                        |               |                                          |                                          |           |                                 | BOR                      |     |  |  |  |

#### TITLE:

HEBBURN STATION  
PLATFORM 1  
PROPOSED ARRANGEMENT  
PLAN & MODIFICATION TABLE

|                   |            |                 |          |
|-------------------|------------|-----------------|----------|
| Designed          | G. Gilbert | Signed          | 27/03/20 |
| Drawn             | a.hooper   | Signed          | 27/03/20 |
| Checked           | A.Kitching | Signed          | 27/03/20 |
| Approved          | C.Doyle    | Signed          | 27/03/20 |
| Scale:            | 1:200      | Datum:          | ---      |
| Original Size:    | A1         | Grid:           | ---      |
| ELR:              | N/A        | Mileage:        | N/A      |
| Suitability Code: | S3         | Project Number: | 10033113 |

Suitability Description:  
Fit for Review and Comment  
NOT FOR CONSTRUCTION

Drawing Number:  
10033113-ARC-00-XX-DR-CE-50002

Revision:  
A01