



MetroWest+

Portishead Branch Line (MetroWest Phase 1)

TR040011

Applicant: North Somerset District Council

2.18 – 2.20 Pill Station

Proposed Overview; Proposed Station Layout & Proposed Lighting Electrical Layout

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, regulation 5(2)(o)
Planning Act 2008

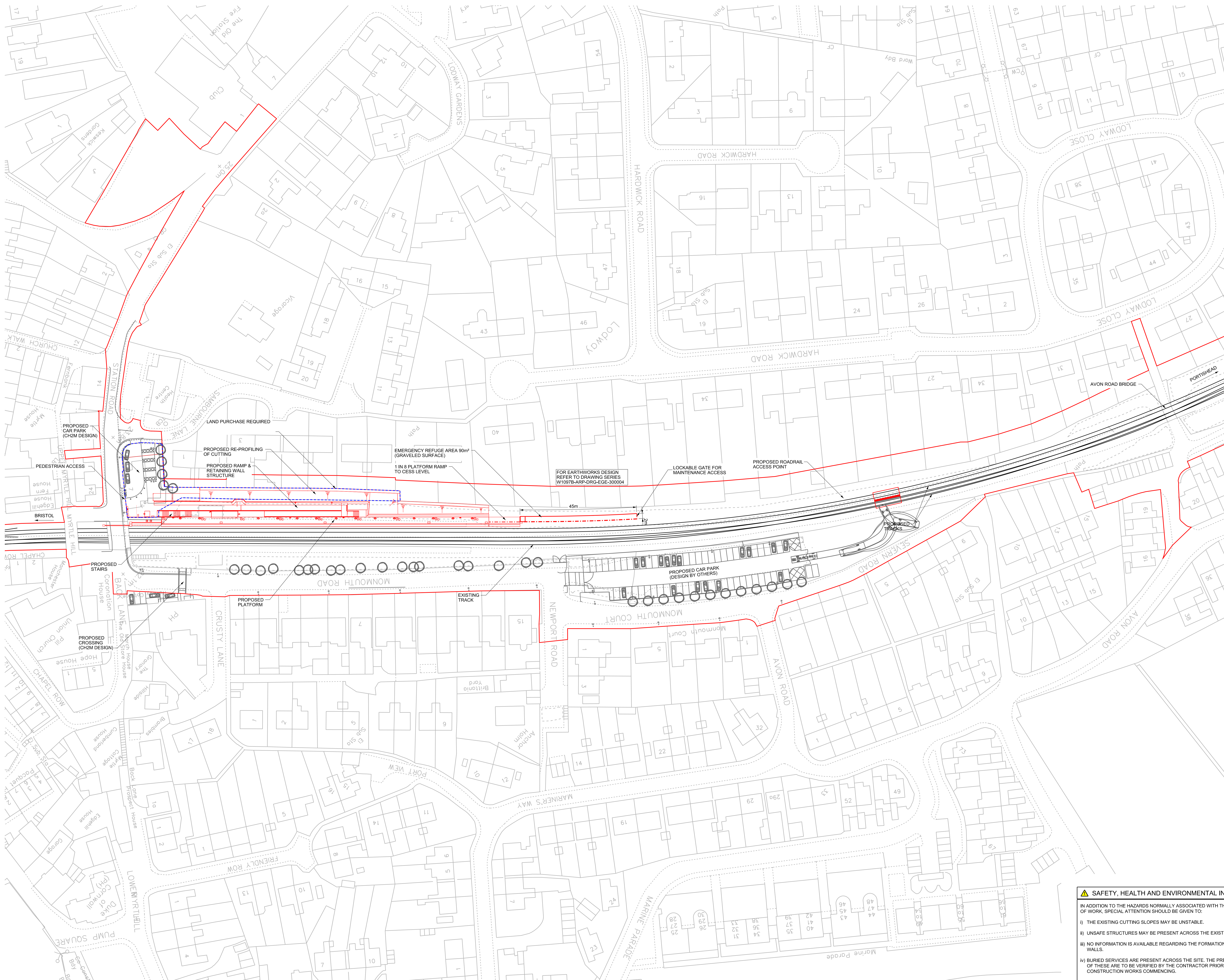
Author: Arup

Date: November 2019



Document Index

| | | | |
|------|--|---|-----------------------------------|
| 2.18 | Pill Station Design Plan: Proposed Overview | The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, regulation 5(2)(o) | W1097B-ARP-DRG-EST-300010 Rev A01 |
| 2.19 | S050 Pill Station Proposed Station Layout | The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, regulation 5(2)(o) | W1097B-ARP-DRG-EST-300011 Rev A01 |
| 2.20 | S050 Pill Station Proposed Electrical Layout | The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, regulation 5(2)(o) | W1097B-ARP-DRG-EPT-300002 Rev A02 |



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS NORMALLY ASSOCIATED WITH THIS TYPE OF WORK, SPECIAL ATTENTION SHOULD BE GIVEN TO:

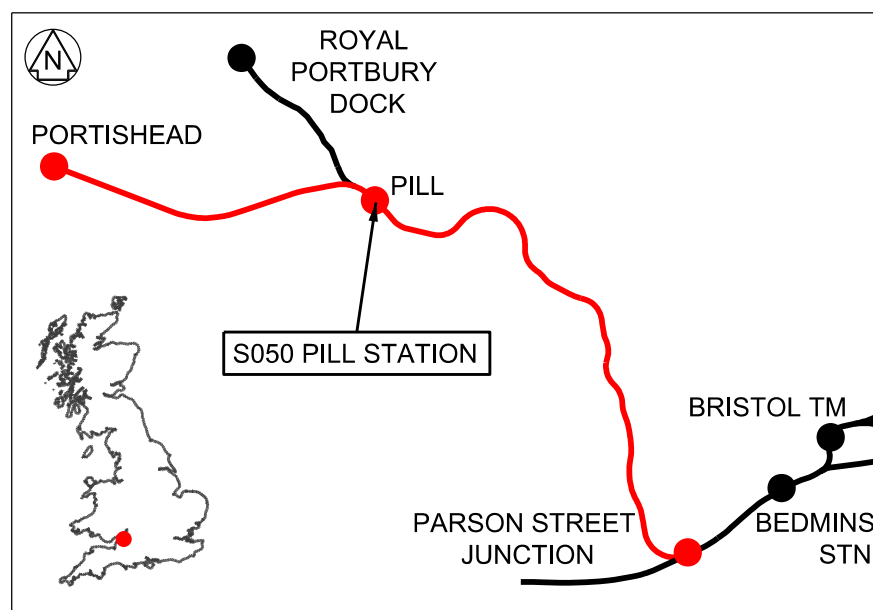
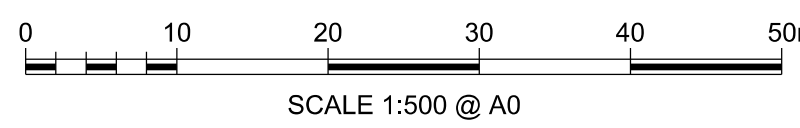
- i) THE EXISTING CUTTING SLOPES MAY BE UNSTABLE.
- ii) UNSAFE STRUCTURES MAY BE PRESENT ACROSS THE EXISTING PLATFORM.
- iii) NO INFORMATION IS AVAILABLE REGARDING THE FORMATION OF THE EAST WALLS.
- iv) BURIED SERVICES ARE PRESENT ACROSS THE SITE, THE PRECISE POSITIONS OF THESE ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION WORKS COMMENCING.
- v) ELEVATED LEVELS OF CONTAMINANTS, INTRAVENOUS NEEDLES AND OTHER HAZARDOUS SUBSTANCES MAY BE PRESENT ON SITE.
- vi) THERE IS LIMITED TOPOGRAPHIC SURVEY AVAILABLE AT THIS SITE AND THE FORMER DESIGN IS BASED ON INTERPRETATION OF LIDAR DATA. FULL TOPOGRAPHIC SURVEY REQUIRED PRIOR TO DETAILED DESIGN.

Legend/Notes

1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS STATED OTHERWISE.
2. ALL LEVELS ARE IN METRES ABOVE SNAKE GRID RBEPP12 (ORDNANCE DATUM + 100 METRES).
3. DRAWINGS SHOULD NOT BE SCALED, ONLY FIGURED DIMENSIONS SHOULD BE USED.

LEGEND

DEVELOPMENT CONSENT ORDER (DCO)
LAND BOUNDARY



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|--------|----------|--------------------------|--|-------|------|
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| | | | | | |
| A01 | 18/07/19 | FOR DCO APPLICATION | | JB | RS |
| Rev | Date | Description of Revisions | | Drawn | Chkd |
| Status | | FIT FOR INFORMATION | | | Su |



Contractor(s)

ARUP

63 St Thomas Street
Bristol BS1 6JZ
Tel +44(0)117 978 5432 Fax +44(0)117 978 5433
www.apur.com

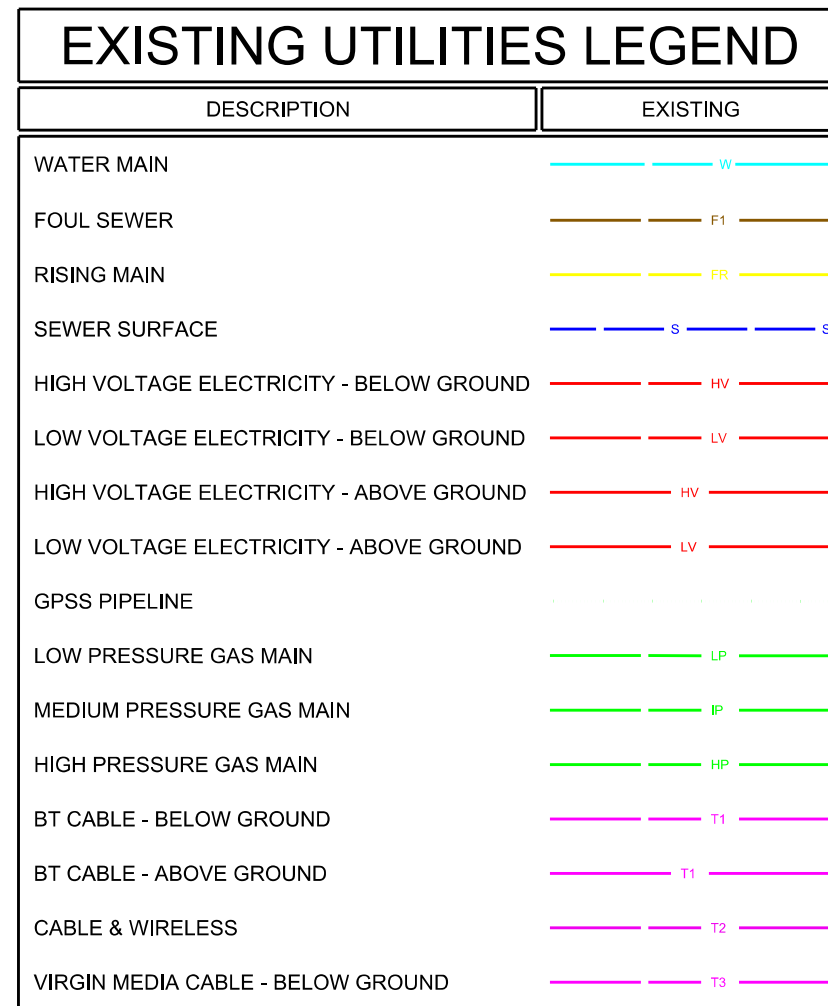
Project PORTISHEAD BRANCH LINE
(METROWEST PHASE 1)

Drawing Title

S050 PILL STATION
PROPOSED OVERVIEW

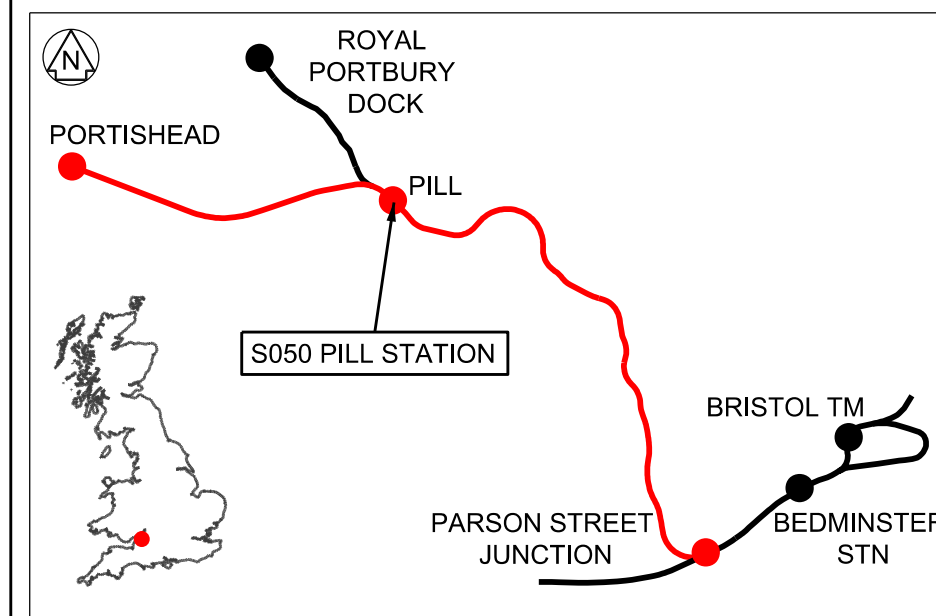
| | | | |
|-----------------------|-------------|---------------|-----------|
| Designed | T. MYNORS | Signed | Date |
| Drawn | J. BACINSKI | Signed | Date |
| Checked | R. SNELL | Signed | Date |
| Approved | R. SNELL | Signed | Date |
| Scale(s) | | ELR & Mileage | |
| 1:500 | | POD | 126m 10ch |
| Alternative Reference | | | Sheet |
| Drawing Number | | | 1 of Re |

1. ALL DIMENSIONS ARE IN MILLIMETRES (MM) UNLESS STATED OTHERWISE.
2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS IN METRES ABOVE SNAKK GRID RHPB212 (ORDNANCE DATUM + 100 METRES).
4. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE CONTRACT DOCUMENTS.
5. THIS DRAWING IS BASED ON TOPOGRAPHICAL AND LIDAR SURVEYS UNDERTAKEN BY SEVERN PARTNERSHIP LTD. IN 2015. THE DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED. AS DETAILED ON THE DRAWING.
6. DRAWINGS SHOULD NOT BE SCALED. ONLY 1/500 SCALE DIMENSIONS ARE TO BE USED.
7. THE INDICATIVE CUTTING PROFILE SHOWN ON THE SECTIONS IS BASED ON INTERPRETATION OF LIDAR DATA COLLECTED PRIOR TO THE DESIGN. THE DESIGNER HAS NOT CONDUCTED A FIELD CLEARED OF ALL VEGETATION AND RE-SURVEYED PRIOR TO DETAILED DESIGN.
8. THE SLOPING PROPOSED WORKS TO THE CUTTING TO ACCOMMODATE THE SLOPING PATH HAVE BEEN DEVELOPED ON THE BASIS OF LIMITED GROUND INVESTIGATIONS. THE DESIGN WILL BE CONFIRMED FOLLOWING RECEIPT OF FURTHER DATA TO CONFIRM EXISTING CONDITIONS. DETAILED TOPOGRAPHIC SURVEY AND SLOPE INSPECTION.
9. THE CUTTING SLOPE SHOULD BE INSPECTED BY AN APPROPRIATELY QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO COMMENCEMENT OF DETAILED DESIGN.
10. THE NETWORK RAIL LAND BOUNDARY INDICATED ON THIS DRAWING HAS BEEN DETERMINED FROM AVAILABLE SURVEY DATA AND SHOULD BE CONFIRMED PRIOR TO DETAILED DESIGN.
11. ALL DIMENSIONS SHOWN TO BE CONFIRMED AT DETAILED DESIGN STAGE.
12. FOR DETAILS OF PLATFORM INFRASTRUCTURE REFER TO DRAWING W10978-ARG-DRG-0002-300012/4.
13. FOR LIGHTING COV AND LIGHTING FIXTURES REFER TO DRAWING W10978-ARG-DRG-0002-300022.
14. BACK OF WALL DRAINAGE TO BE 225mm DIA. FULLY PERFORATED WITH 100mm DIA. HOLES. TO BE SURROUND TO BE 12-20mm SINGLE SLOPE.
15. ANTI-CULM FINISH TO BE APPLIED TO LIGHTING, CCTV AND PA CABLES AND DETAILS TO BE COORDINATED WITH NETWORK RAIL DURING DETAILED DESIGN STAGE.



0 4 8 12 16 20

SCALE 1:200 @ A0



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| | | | | | |
| A01 | 18/07/19 | FOR DCO APPLICATION | | | |
| Rev | Date | Description of Revisions | Drawn | Chkd | Appd |
| Status | | | | | Suitable for Construction |



Contractor:

ARUP 63 St Thomas Street
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www.arup.com

| | |
|---------|---|
| Project | PORTISHEAD BRANCH LINE (METROWEST PHASE 1) |
|---------|---|

Drawing Title

S050 PILL STATION
PROPOSED STATION LAYOUT

| | | | |
|----------|-------------|--------|-----------------|
| Designed | T. MYNORS | Signed | Date 18/07/2018 |
| Drawn | J. BACINSKI | Signed | Date 18/07/2018 |
| Checked | R. SNELL | Signed | Date 18/07/2018 |
| Approved | R. SNELL | Signed | Date 18/07/2018 |

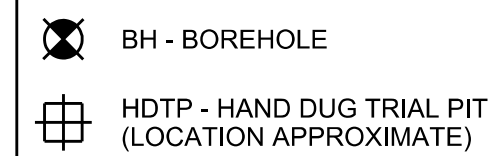
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|----------|-------|---------------|---------------|
| Scale(s) | 1:200 | ELR & Mileage | POD 126m 10ch |
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| Alternative Reference | Sheet 1 of 1 |
|-----------------------|-----------------|





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|---------------------------|----------|
| Drawing Number | Revision |
| W1097B-ARP-DRG-EST-300011 | A01 |

Chart 10.0

2015 GROUND INVESTIGATION LEGEND



KEY

- DEVELOPMENT CONSENT ORDER (DCO)
- LAND BOUNDARY
- [TVM]** TICKET MACHINE
- [TC]** TELECOMS CABINET (CAB-01)
- [PHP]** PASSENGER HELP POINT
- [NTI]** NEXT TRAIN INDICATOR
- [E]** ELECTRICAL CABINET
- [SOD]** SUMMARY OF DEPARTURES
-  LIGHTING COLUMN
-  PLATFORM LOUDSPEAKER
-  FIXED CCTV CAMERA
-  DOME CCTV CAMERA

 SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS NORMALLY ASSOCIATED WITH THIS TYPE OF WORK, SPECIAL ATTENTION SHOULD BE GIVEN TO:

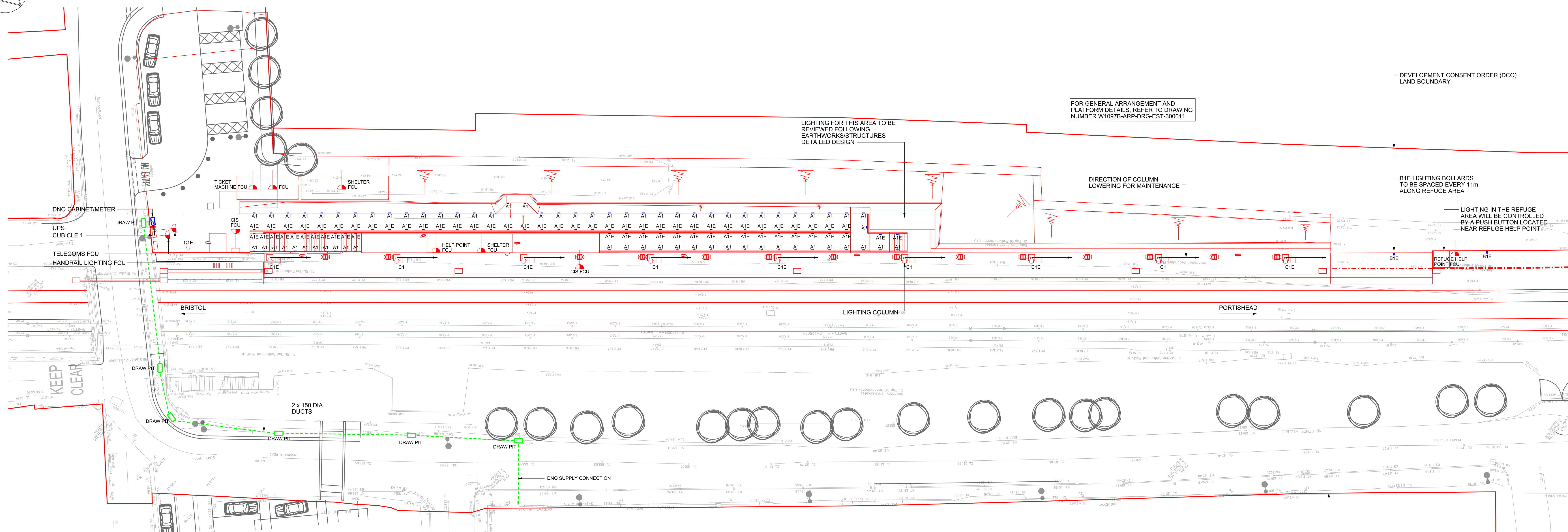
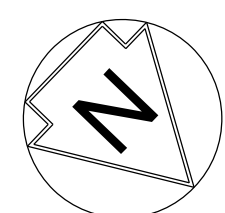
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PLATFORM PLAN

SCALE 1:200

PLATFORM ELEVATION

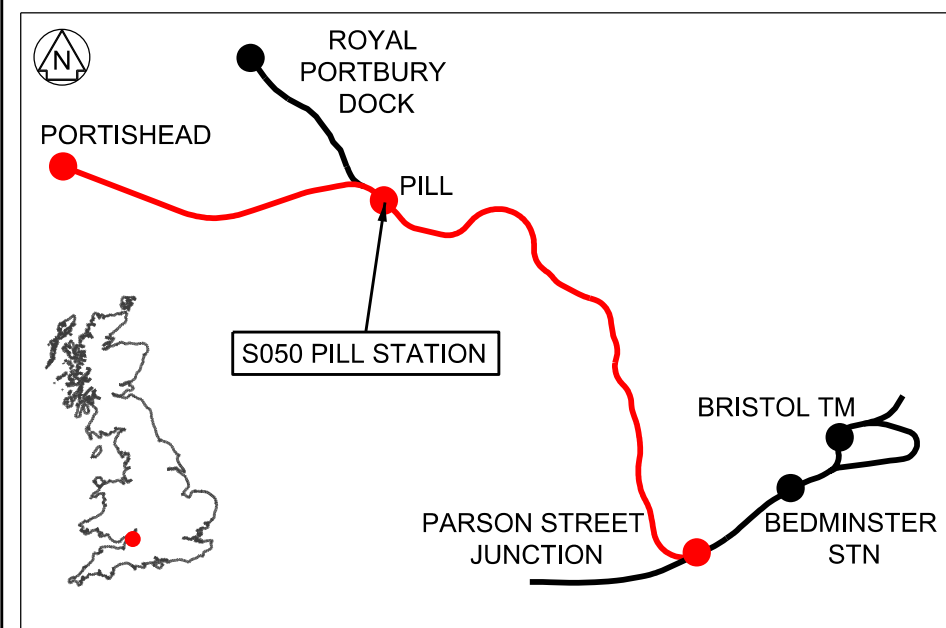
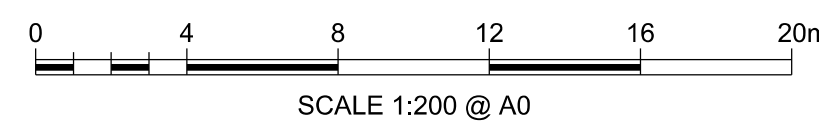
SCALE 1:200



PLAN

SCALE 1:200

DEVELOPMENT CONSENT ORDER (DCO)
LAND BOUNDARY



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|---------------------|----------|--------------------------|--|--|--|--|-------|-------------|-----|
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| | | | | | | | | | |
| A02 | 20/09/19 | FOR DCO APPLICATION | | | | | JB | RS | RS |
| Rev | Date | Description of Revisions | | | | | Drawn | Chkd | App |
| Status | | | | | | | | Suitability | |
| FIT FOR INFORMATION | | | | | | | | S2 | |



Contractor(s)

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Project

PORTISHEAD BRANCH LINE METROWEST PHASE 1

Drawing Title

Drawing Title

S050 PILL STATION
PROPOSED ELECTRICAL LAYOUT

| | | | | |
|----------|-------------|---------------|------|---------|
| Designed | J. BACINSKI | Signed | Date | 20/09/1 |
| Drawn | J. BACINSKI | Signed | Date | 20/09/1 |
| Checked | R. SNELL | Signed | Date | 20/09/1 |
| Approved | R. SNELL | Signed | Date | 20/09/1 |
| Scale(s) | | ELR & Mileage | | |
| 1:200 | | POD 126m 10ch | | |

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|-----------------------|------------------------|
| Alternative Reference | Sheet 1 of 1 |
| Drawing Number | Revision |

W1097B-ARP-DRG-EPT-300002 A02

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