



# MetroWest+

## Portishead Branch Line (MetroWest Phase 1)

TR040011

Applicant: North Somerset District Council

2.11 – 2.14 Portishead Station plans

Building Design: Proposed Station Buildings; Station Co-ordination Plan; 3D views; Platform Lighting & Lighting Control Layout

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

Planning Act 2008

Author: North Somerset District Council

Date: November 2019



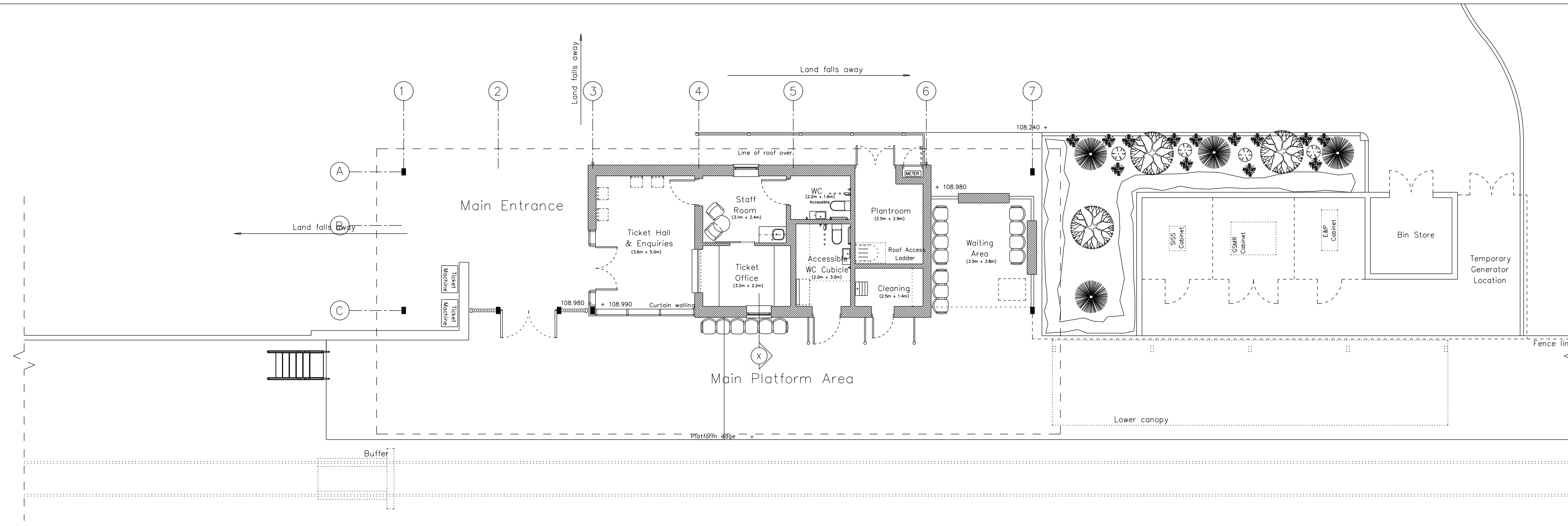
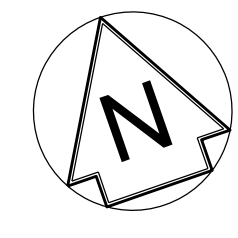
## Document Index

2.11	Portishead Station Building Design: Proposed Station Buildings	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, 5(2) (o) Planning Act 2008	W1097B-ARP-DRG-EAR-300001 Rev A01
2.12	Portishead Station Co-ordination Plan*	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, 5(2) (o) Planning Act 2008	W1097B-ARP-DRG-EST-300001 Rev A02
2.13	Portishead Station 3D views	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, 5(2) (o) Planning Act 2008	W1097B-ARP-DRG-EST-300002 Rev A01
2.14	Portishead Station Platform Lighting & Lighting Control Layout (Sheets 1 and 2)**	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, 5(2) (o) Planning Act 2008	W1097B-ARP-DRG-EMF-300001-2 Rev A02

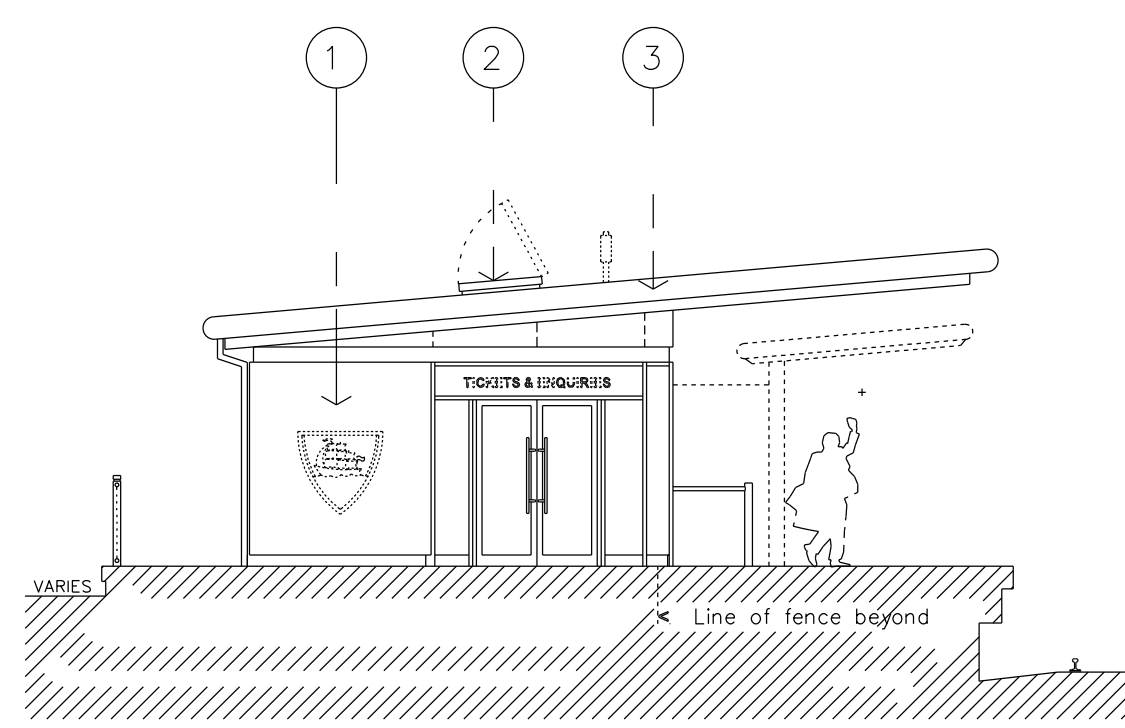
\* The architectural drawing for the Portishead Station Co-ordination plan Doc 2.12 (W1097B-ARP-DRG-EST-300001) has developed and not all of the final products are aligned. The internal layout has been superseded please refer to the internal layout of Portishead Station Building Design, Doc 2.11 (W1097B-ARP-DRG-EAR-300001)

\*\*The architectural drawings for the Portishead Station Platform Lighting and Lighting Control Layout, Doc 2.14 (W1097B-ARP-DRG-EMF-300001 and 300002) have developed and not all the 'final' products are aligned. The plans do not show any lighting in the non-public areas which have been re-worked.

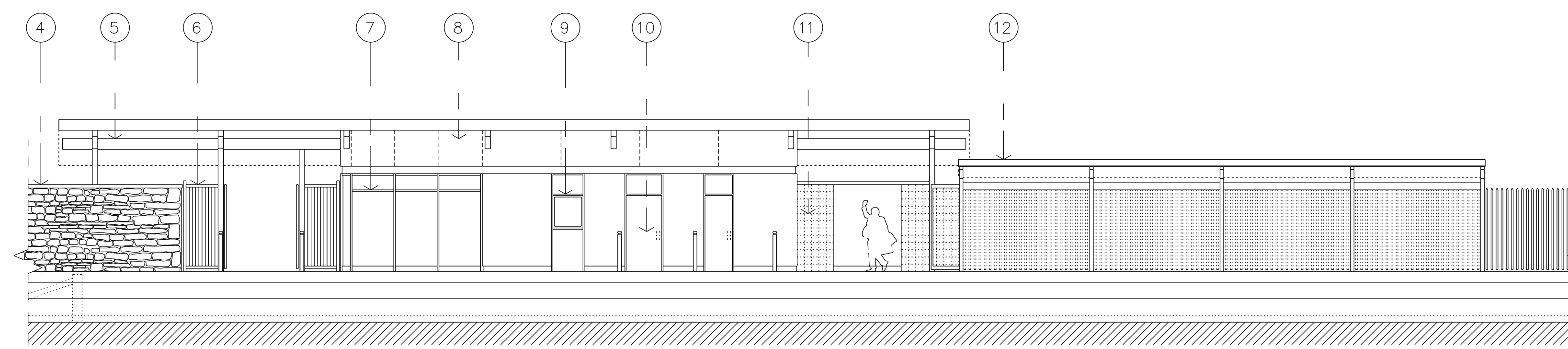




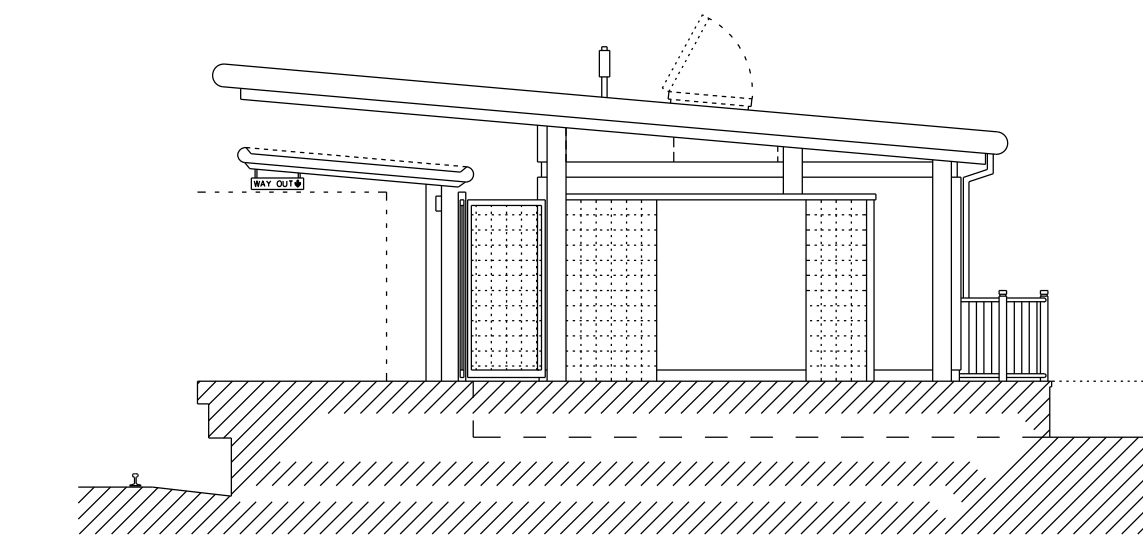
PLAN Unheated Ticket Hall & Waiting Room + single Accessible WC (metal roof)



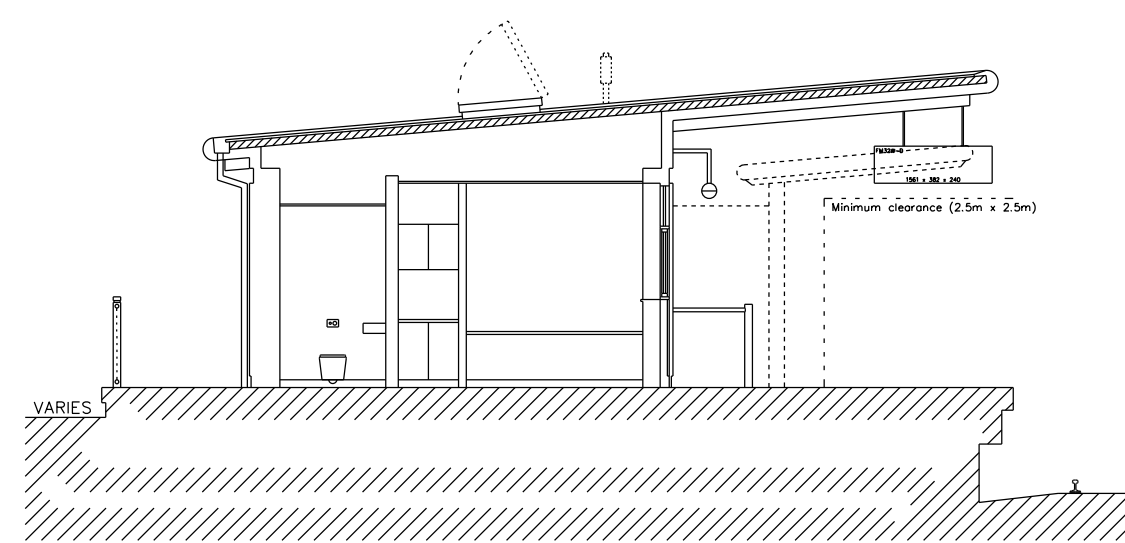
ENTRANCE ELEVATION (WEST)



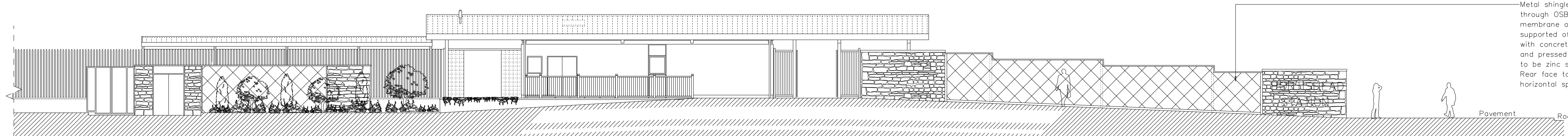
PLATFORM ELEVATION (PART)



EAST ELEVATION



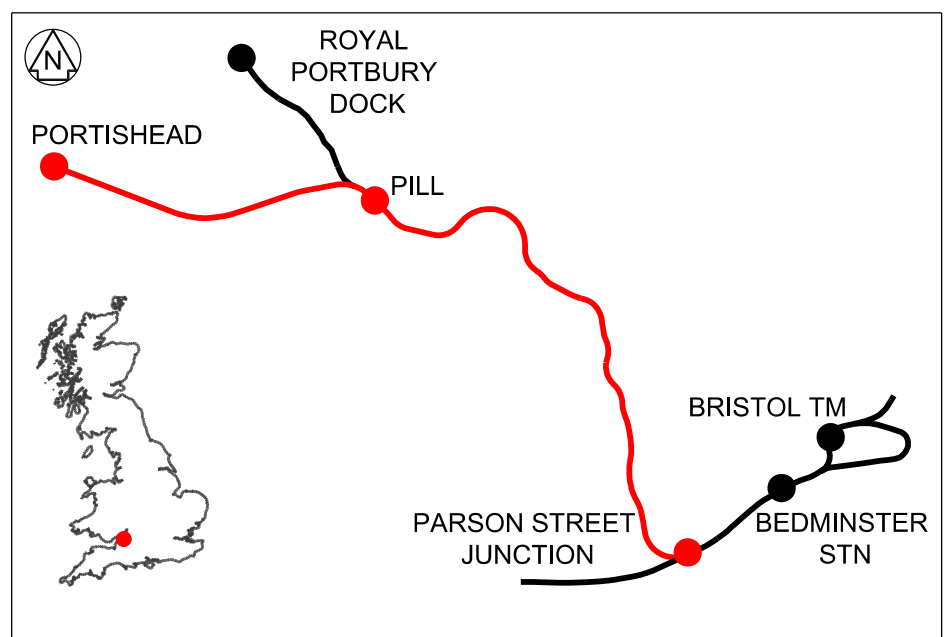
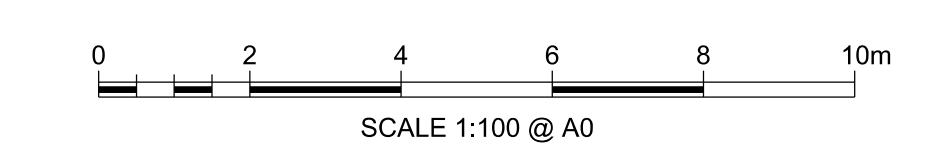
CROSS SECTION X



CAR PARK ELEVATION (PART)

Metal shingles mechanically fixed through OSB board and sheathing membrane onto steel cladding rails supported off structural steel posts with concrete plinth (through coloured) and pressed metal capping - all metal to be zinc sheet to front face and capping. Rear face to be Corus 13.5/3 profile horizontal spanning HPS 200 coated RAL 7005

- Legend/Notes
01. FINE TEXTURED THROUGH COLOUR RENDER WITH IMPRINTED LOGO SET INTO FINISH.
  02. GAS-SPRUNG ROOF ACCESS HATCH FOR MAINTENANCE USE.
  03. COLOUR COATED METAL ROOFING SYSTEM AND FASCIA WITH INTEGRAL GUTTER AND MATCHING DOWN-PIPES.
  04. BOUNDARY WALL COMPRISING NATURAL STONE FACED PANELS AT ENDS / CORNERS WITH METAL SHINGLES SET ON FRAMING IN BETWEEN.
  05. EXPOSED BOX SECTION STEEL BEAMS AND PURLINS TO HIDE ROOF FIXINGS OVER (SPECIALIST FIXINGS FOR SHS SECTIONS).
  06. METAL SECTIONED PANELS AND MAIN ENTRANCE GATES WITH POLYESTER POWDER COATED FINISH.
  07. SAFETY GLAZED CURTAIN WALL WINDOW SECTIONS TO ENQUIRY & TICKET HALL.
  08. COLOUR COATED METAL PANEL SYSTEM TO UPPER WALL AREAS.
  09. COLOUR COATED METAL FRAMED INWARD OPENING WINDOW TO STAFF ROOM WITH SAFETY GLAZING AND INTEGRAL BLIND.
  10. COLOUR COATED METAL FRAMED DOOR WITH SAFETY GLAZED OVER-PANEL TO ACCESSIBLE WC WITH RADAR CONTROL.
  11. COLOURED GLASS BLOCK INFILL PANELS (TRANSLUCENT) WITH METAL CAPPING OVER.
  12. MODULAR LOWER CANOPY SYSTEM WITH STEEL SUPPORTS & PROFILED ROOF CLADDING WITH INTEGRAL GUTTER.



Rev	Date	Description of Revisions	Drawn	Chkd	Appr	Job	RS	RS
A01	15/07/19	FOR DCO APPLICATION						

Fit for Information S2



Contractor(s)

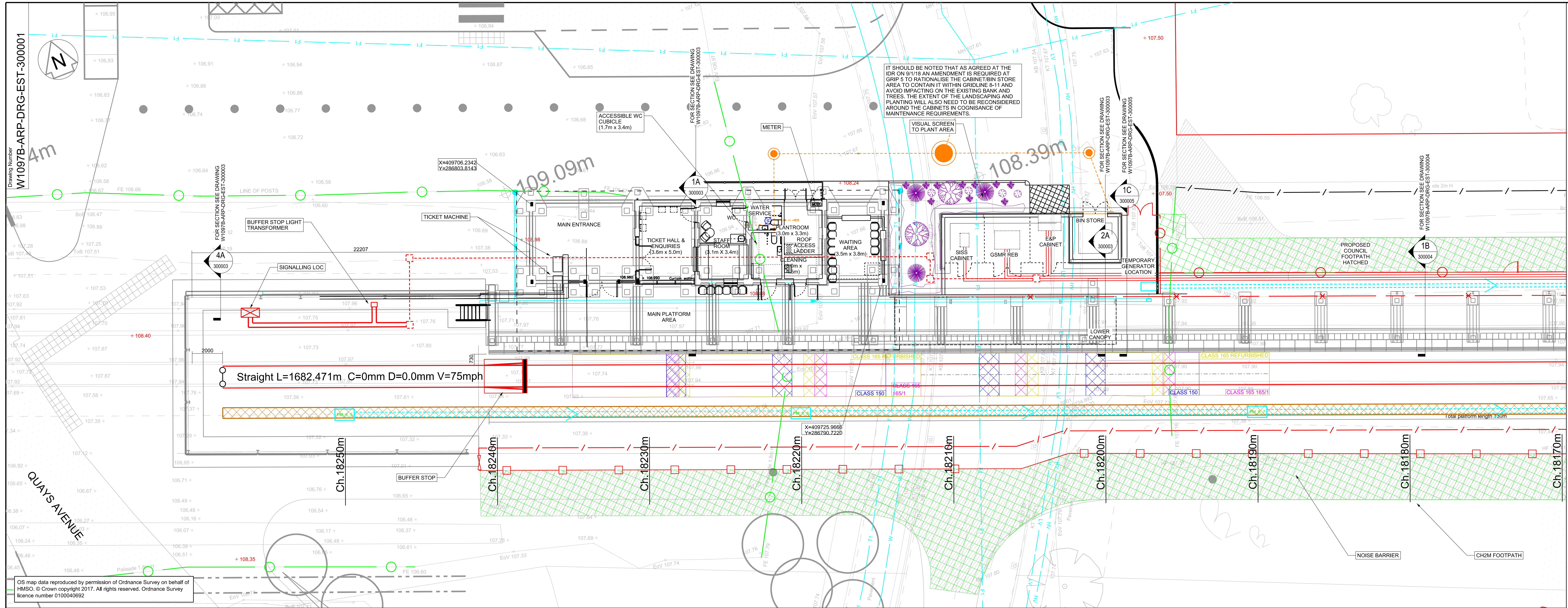
Project  
**PORTISHEAD BRANCH LINE (METROWEST PHASE 1)**

Drawing Title  
**PROPOSED STATION BUILDINGS**

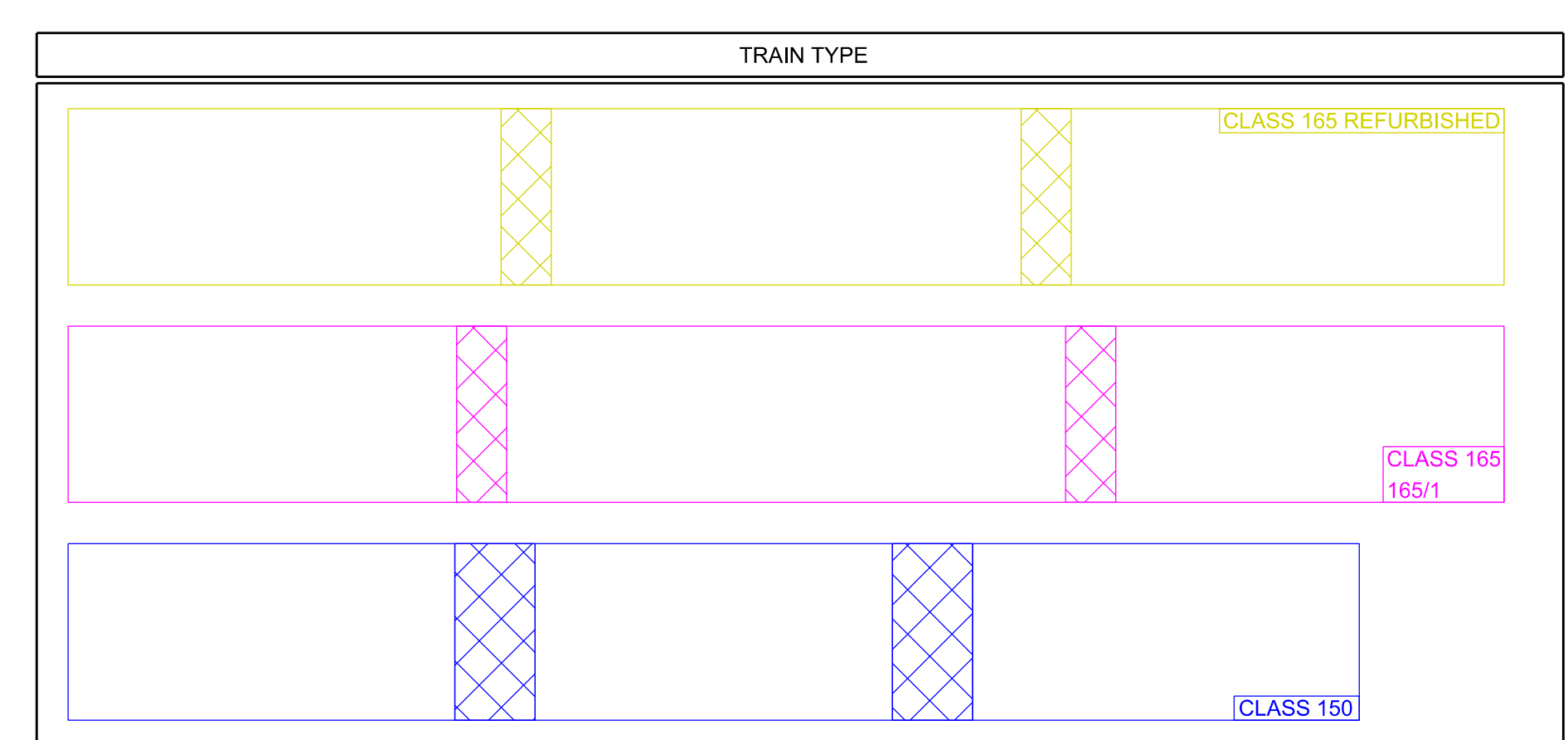
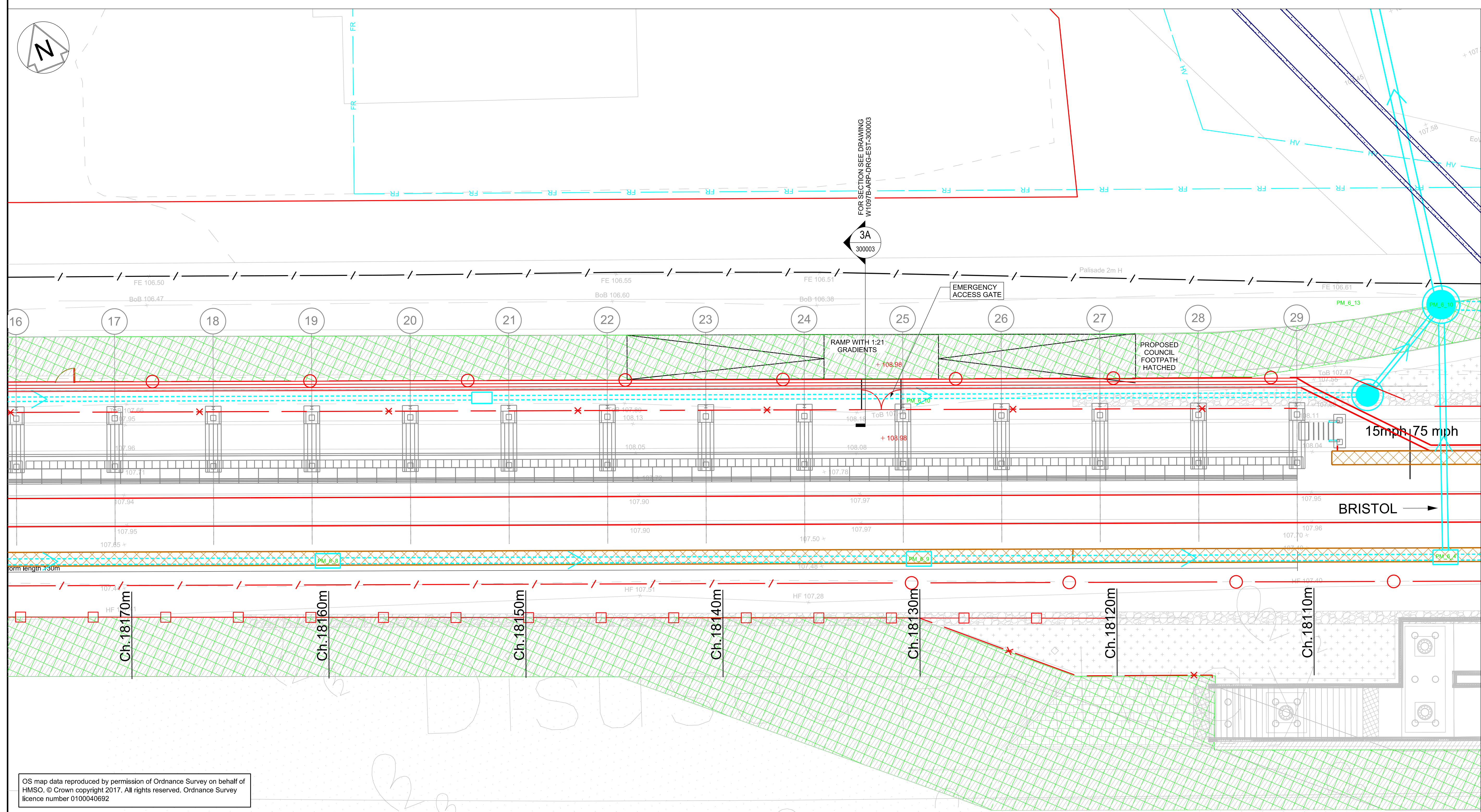
Designed	QUADRA BEC	Signed		Date	15/07/19
Drawn	J. BACINSKI	Signed		Date	15/07/19
Checked	R. SNELL	Signed		Date	15/07/19
Approved	R. SNELL	Signed		Date	15/07/19

Scale(s) 1:100  
Alternative Reference POD 129M 26CH  
Drawing Number W1097B-ARP-DRG-EAR-300001 | A01



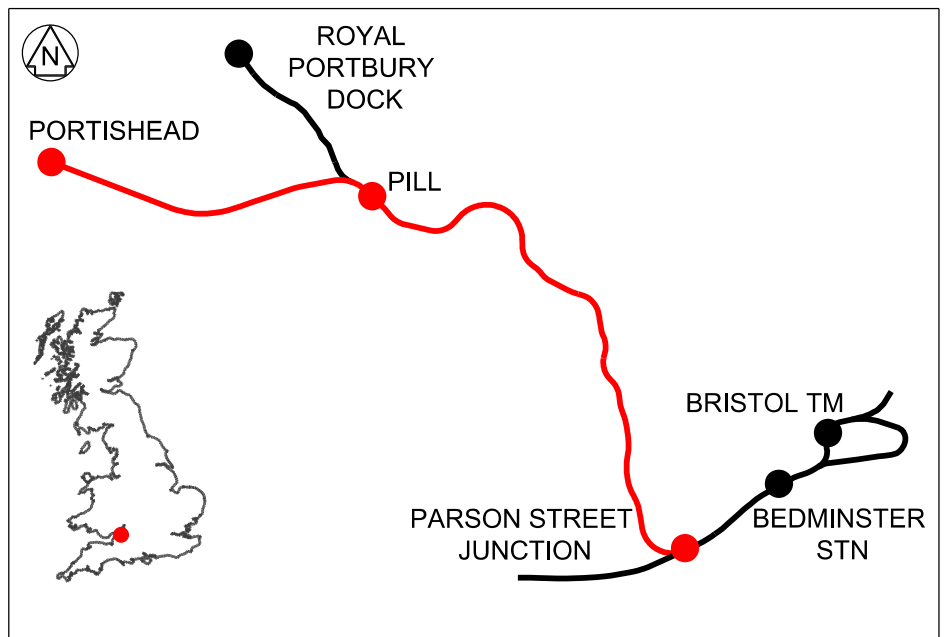
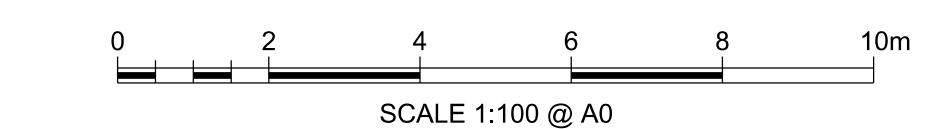


- Legend/Notes
- ALL DIMENSIONS ARE IN METRES (m) UNLESS STATED OTHERWISE.
  - ALL LEVELS ARE IN METRES ABOVE SNAKE GRID RBEP12 (ORDNANCE DATUM + 100 METRES).
  - THE PURPOSE OF THIS LAYOUT IS TO HIGHLIGHT THE CHANGES MADE FROM THE APPROVED FORM 001 STATION DESIGN. REFER TO RELEVANT DESIGN PACKAGE SUBMISSIONS FOR LATEST AND INTERFACING CIVILS, P-WAY, LINESIDE CIVILS, TRINITY FOOTBRIDGE ETC.
  - THE INTERNAL WORKS IS NOT UP TO DATE. FOR THE INTERNAL LAYOUT REFER TO DRAWING W1097B-ARP-DRG-EST-300001.



GENERAL	EXISTING UTILITIES
PROPOSED COUNCIL FOOTPATH	WATER MAIN
PROPOSED PLATFORM DRAINAGE	FOUL SEWER
PROPOSED FOUL & SURFACE WATER	RISING MAIN
VISUAL SCREEN TO PLANT AREA	SEWER SURFACE
PROPOSED STATION FOUNDATION	HIGH VOLTAGE ELECTRICITY - BELOW GROUND
PROPOSED STATION BUILDING LAYOUT	LOW VOLTAGE ELECTRICITY - BELOW GROUND
	HIGH VOLTAGE ELECTRICITY - ABOVE GROUND
	LOW VOLTAGE ELECTRICITY - ABOVE GROUND
	GRSS PIPELINE
	LOW PRESSURE GAS MAIN
	MEDIUM PRESSURE GAS MAIN
	HIGH PRESSURE GAS MAIN
	BT CABLE - BELOW GROUND
	BT CABLE ABOVE GROUND
	CABLE & WIRELESS
	VIRGIN MEDIA CABLE - BELOW GROUND
	VERIZON BACKBONE DUCT - BELOW GROUND

MINOR CIVILS	
EXISTING FENCE GRADE I	EXISTING UTILITY
EXISTING FENCE GRADE II	REMOVED UTILITY
EXISTING FENCE GRADE III	PROPOSED SIGNAL
EXISTING FENCE REMOVED	PROPOSED CABINET LOCATION
EXISTING FENCE MODIFIED/REPLACED WITH GRADE I FENCE	EXISTING CABINET TO BE REMOVED/RELOCATED
EXISTING FENCE MODIFIED/REPLACED WITH GRADE II FENCE	EXISTING SIGNAL TO BE REMOVED
EXISTING FENCE MODIFIED/REPLACED WITH GRADE III FENCE	EXISTING CABINET LOCATION
PROPOSED FENCE GRADE I	MINOR EARTHWORKS RETAINING STRUCTURE
PROPOSED FENCE GRADE II	NOISE BARRIER
PROPOSED FENCE GRADE III	DEVELOPMENT CONSENT ORDER (DCO)
PROPOSED TROUGHING	LAND BOUNDARY
EXISTING TROUGHING	CONTINUOUS POSITIONS OF SAFETY
REMOVED TROUGHING	LAND BOUNDARY
EXISTING TROUGHING MODIFIED/REPLACE	CONTINUOUS POSITIONS OF SAFETY
PROPOSED UTILITY	AUTHORIZED WALKING ROUTE



Rev	Date	Description of Revisions	Drawn	Chkd	Appr	RS	RB
A02	20/09/19	FOR DCO APPLICATION	JB	RS	RS		

STATUS: FIT FOR INFORMATION S2



Project: PORTISHEAD BRANCH LINE (METROWEST PHASE 1)

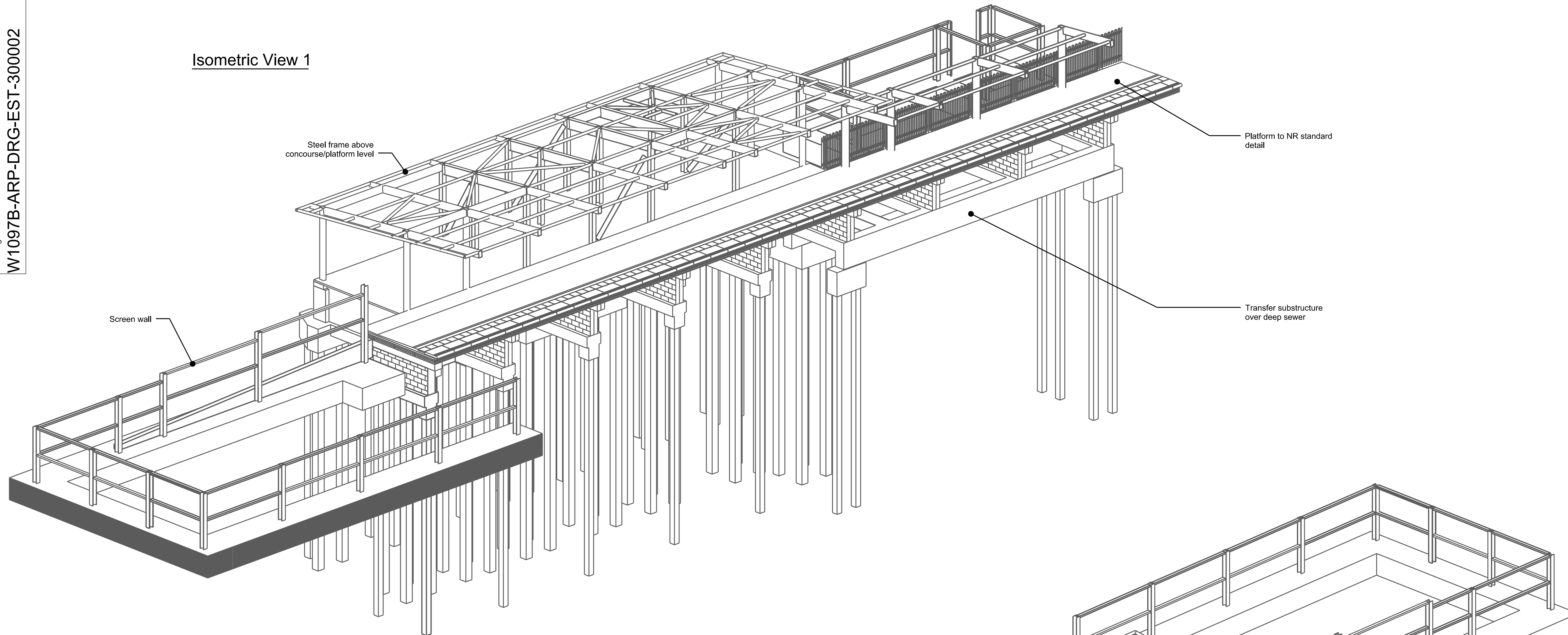
Drawing Title: PORTISHEAD STATION COORDINATION PLAN

Designed	J. BACINSKI	Signed		Date	26/09/19
Drawn	J. BACINSKI	Signed		Date	26/09/19
Checked	R. SNELL	Signed		Date	26/09/19
Approved	R. SNELL	Signed		Date	26/09/19

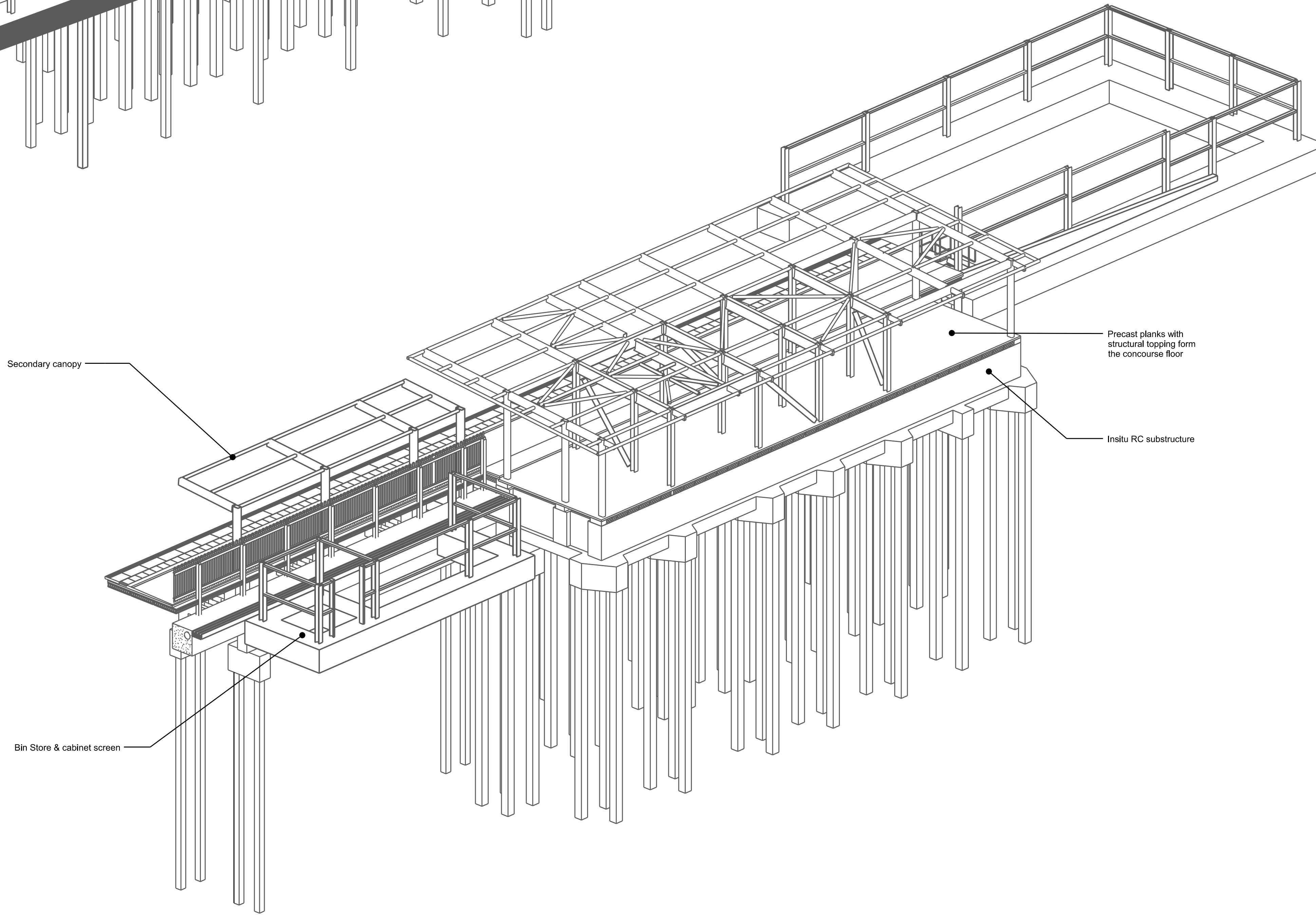
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Alternative Reference: POD 129M128CH  
Drawing Number: W1097B-ARP-DRG-EST-300001 | Sheet: 1 of 1 | Revision: 1





Isometric View 1



Isometric View 2



- Legend/Notes
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEER'S DRAWINGS, ARCHITECT'S DRAWINGS AND SPECIFICATIONS.
  2. FOR SETTING OUT INFORMATION, REFER TO THE RELEVANT ARCHITECT'S DRAWING.
  3. STRUCTURAL LEVELS ARE 100M ABOVE ORDNANCE DATUM. THEY ARE SHOWN THUS:  
ON PLANS M   
ON SECTIONS MM 
  4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
  5. DRAWINGS SHOULD NOT BE SCALED EITHER BY HAND OR FROM THE COMPUTER DIGITAL DATA, ONLY FIGURED DIMENSIONS ARE TO BE USED.
  6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, FABRICATION, ERECTION AND REMOVAL OF ALL TEMPORARY WORKS AND SHALL PROVIDE ALL TEMPORARY BRACING AND BACK PROPPING NECESSARY TO MAINTAIN STRUCTURAL STABILITY DURING CONSTRUCTION.
  7. SPECIFIC TEMPORARY WORKS CONSTRAINTS ARISING FROM THE PERMANENT WORKS DESIGN, IF AND WHERE APPLICABLE, ARE NOTED ON THE ARUP DRAWINGS TO WHICH THEY RELATE.

Rev	Date	Description of Revisions	Drawn	Chkd	Appr	
A01	16/07/19	FOR DCO APPLICATION		JB	RS	RS
Status						Suitability
						S2

FIT FOR INFORMATION



Contractor(s)  
**ARUP**  
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Bristol BS1 6JZ  
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www.arup.com

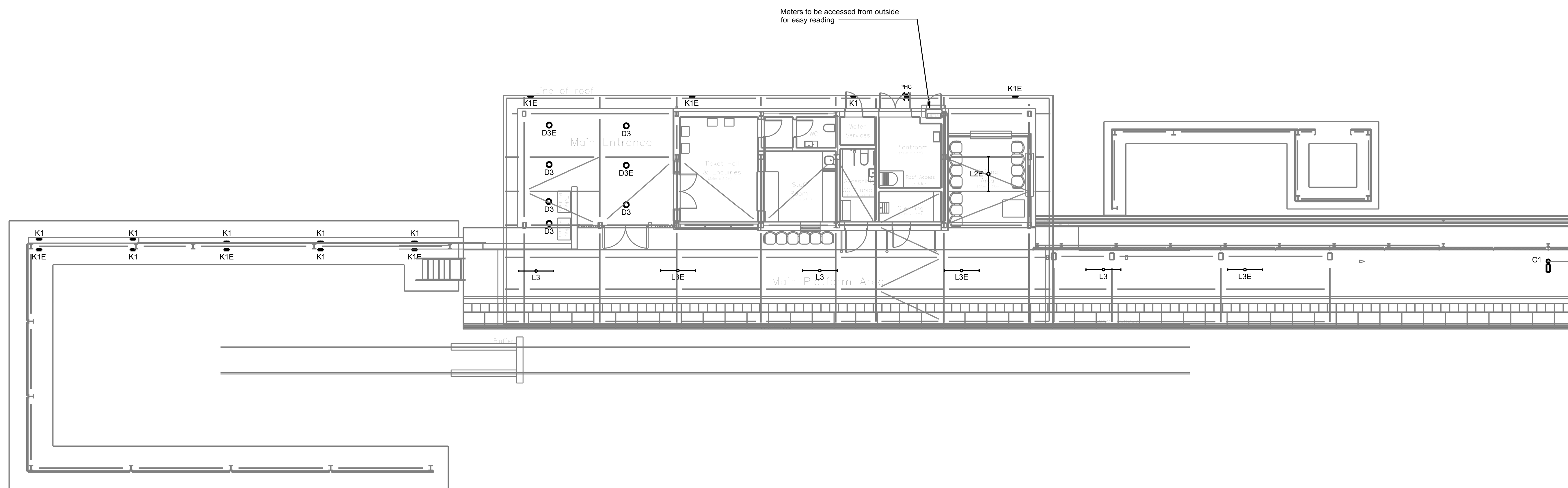
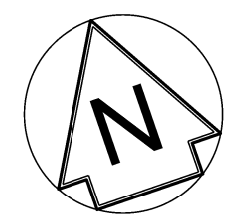
Project  
**PORTISHEAD BRANCH LINE  
(METROWEST PHASE 1)**

Drawing Title  
**PORTISHEAD STATION  
3D VIEWS**

Designed	N. PRICE	Signed	Date	16/07/19
Drawn	J. BACINSKI	Signed	Date	16/07/19
Checked	R. SNELL	Signed	Date	16/07/19
Approved	R. SNELL	Signed	Date	16/07/19
Scale(s)	As Shown	ELR & Mileage	POD	

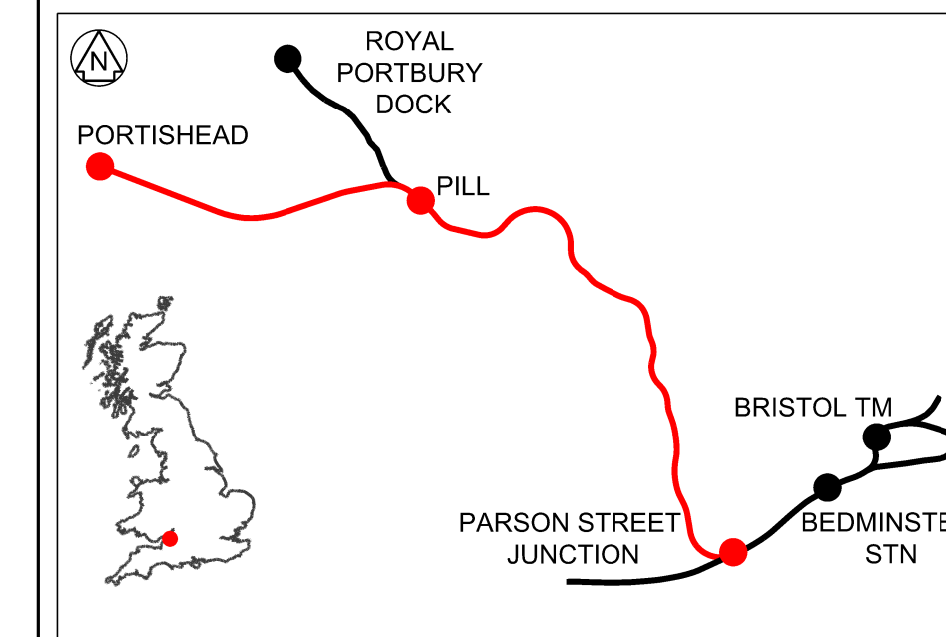
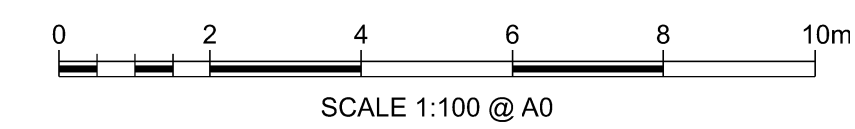
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Drawing Number	Revision	
W1097B-ARP-DRG-EST-300002	A01	





- Notes
- THIS IS NOT AN INSTALLATION DRAWING.
  - DO NOT SCALE FROM THIS DRAWING. REFER TO ARCHITECTS FOR BUILDING DIMENSION INFORMATION.
  - THE SIZES AND LOCATION OF ALL MEP EQUIPMENT, FIXTURES AND SERVICES ARE INDICATIVE ONLY. FINAL SIZE, SELECTION AND LOCATION SHALL BE CONFIRMED DURING THE DETAIL DESIGN.
  - THE FINAL COORDINATION OF ALL MEP SERVICES SHALL BE CONFIRMED AT A DETAIL DESIGN STAGE.

- Legend
- PR: Presence Detection
  - ABS: Absence Detection
  - PHY: Photo Cell
  - M: Manual Switching
  - PC: Pull Cord
  - Light Switch



Rev	Date	Description of Revisions	Drawn	Chkd	Appr
A02	20/09/19	FOR ECC APPLICATION		RS	RS

FIT FOR INFORMATION S2

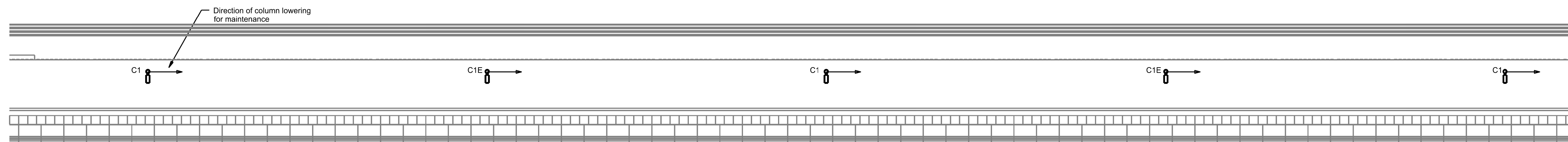
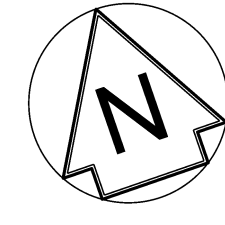


Project  
**PORTISHEAD BRANCH LINE  
(METROWEST PHASE 1)**

Drawing Title  
**PORTISHEAD PLATFORM  
LIGHTING &  
LIGHTING CONTROL LAYOUT  
SHEET 1 OF 2**

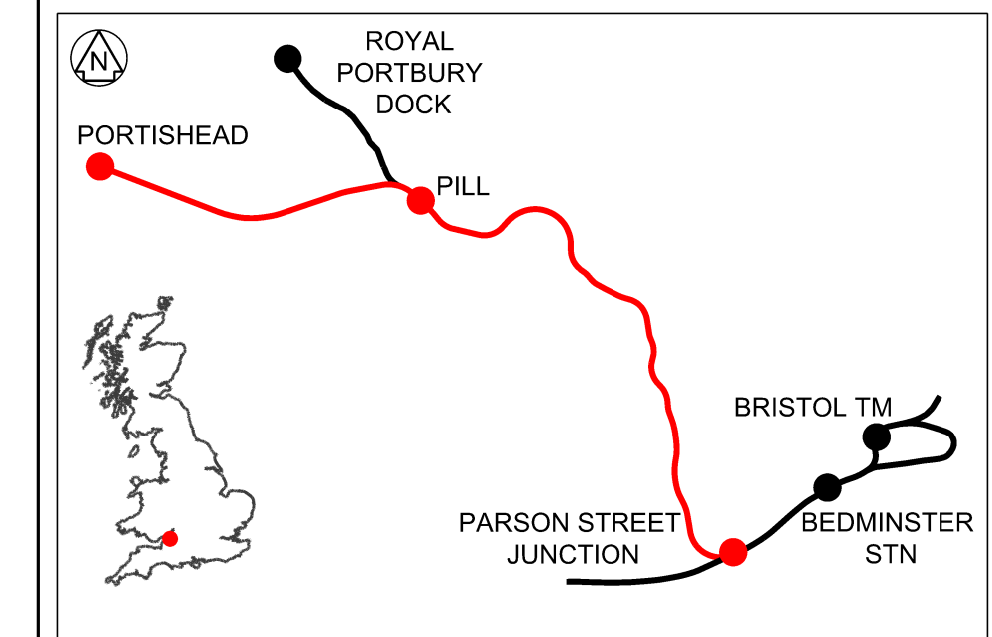
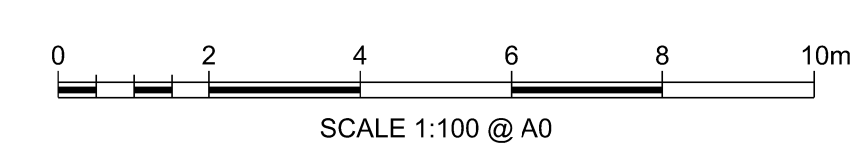
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Drawn	J. BACINSKI	Signed		Date	26/09/19
Checked	R. SNELL	Signed		Date	26/09/19
Approved	R. SNELL	Signed		Date	26/09/19

Scale(s): 1:100  
Alternative Reference: POD  
Drawing Number: W1097B-ARP-DRG-EMF-300001 | A02  
Sheet: 1 of 2  
Revision



- Legend/Notes
1. THIS IS NOT AN INSTALLATION DRAWING.
  2. DO NOT SCALE FROM THIS DRAWING. REFER TO ARCHITECTS FOR BUILDING DIMENSION INFORMATION.
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  4. THE FINAL COORDINATION OF ALL MEP SERVICES SHALL BE CONFIRMED AT A DETAIL DESIGN STAGE.

- Legend
- PIR PRESENCE DETECTION
  - ABS ABSENCE DETECTION
  - PHC PHOTO CELL
  - M MANUAL SWITCHING
  - PC PULL CORD
  - Light Switch



Rev	Date	Description of Revisions	Drawn	Chkd	Appr	Job	RS	SR
A02	20/09/19	FOR ECC APPLICATION						

Shkva **FIT FOR INFORMATION** Suitability **S2**



Project **PORTISHEAD BRANCH LINE (METROWEST PHASE 1)**

Drawing Title **PORTISHEAD PLATFORM LIGHTING & LIGHTING CONTROL LAYOUT SHEET 2 OF 2**

Designed	J. BACINSKI	Signed		Date	26/09/19
Drawn	J. BACINSKI	Signed		Date	26/09/19
Checked	R. SNELL	Signed		Date	26/09/19
Approved	R. SNELL	Signed		Date	26/09/19

Scales: 1:100 ELR & Miscage  
Alternative Reference: POD Sheet: 2 of 2