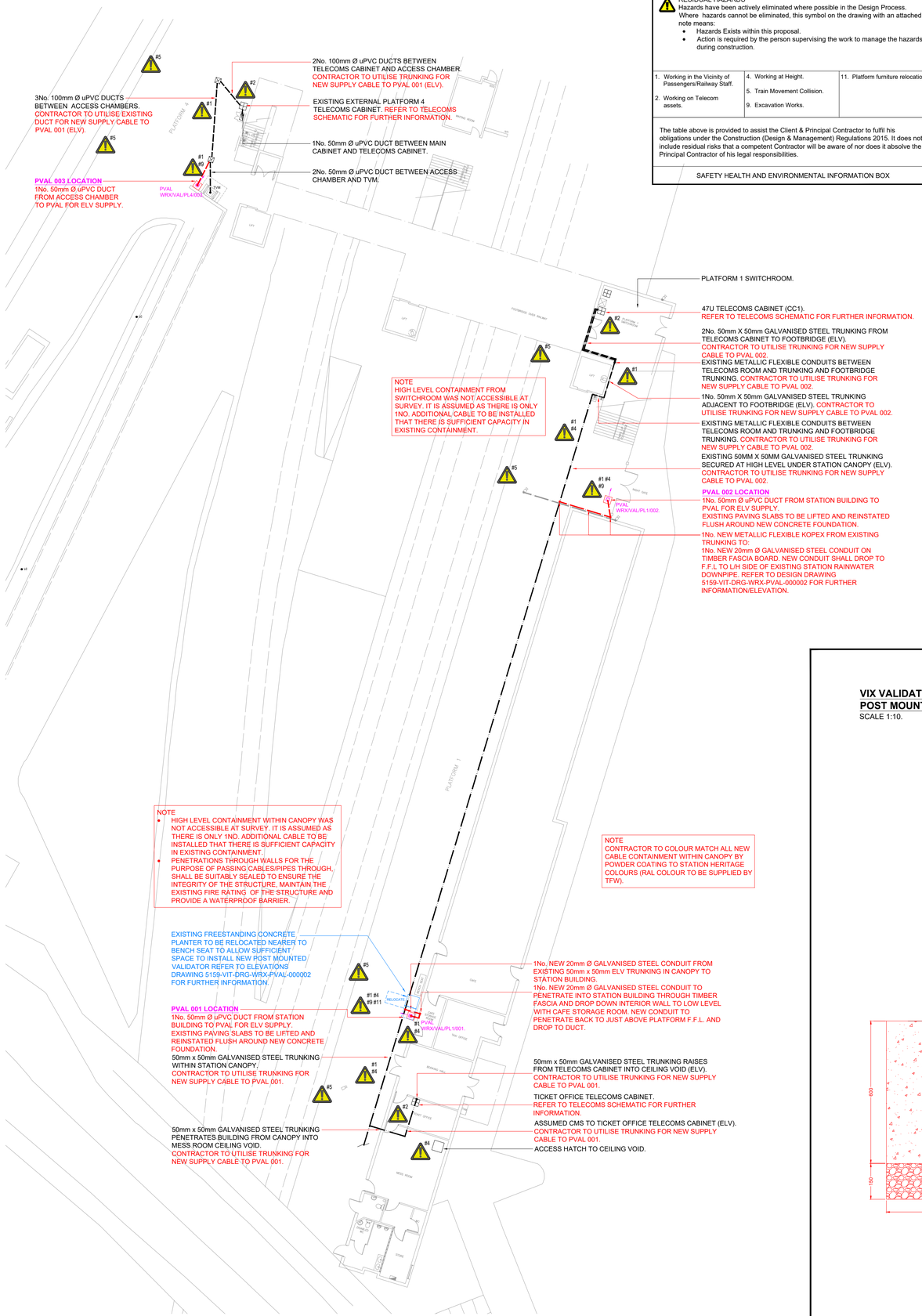
SITE LAYOUT
Scale 1:200



CONSTRUCTION RISK REGISTER.

RESIDUAL HAZARDS
Hazards have been actively eliminated where possible in the Design Process. Where hazards cannot be eliminated, this symbol on the drawing with an attached note means:
- Hazards Exists within this proposal.
- Action is required by the person supervising the work to manage the hazards during construction.

1. Working in the Vicinity of Passengers/Railway Staff.	4. Working at Height.	11. Platform furniture relocation.
2. Working on Telecom assets.	5. Train Movement Collision.	
	9. Excavation Works.	

The table above is provided to assist the Client & Principal Contractor to fulfil his obligations under the Construction (Design & Management) Regulations 2015. It does not include residual risks that a competent Contractor will be aware of nor does it absolve the Principal Contractor of his legal responsibilities.

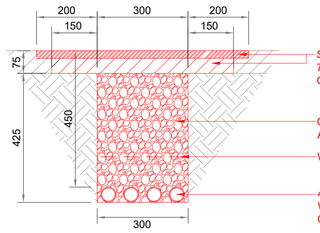
SAFETY HEALTH AND ENVIRONMENTAL INFORMATION BOX

SYMBOL SCHEDULES

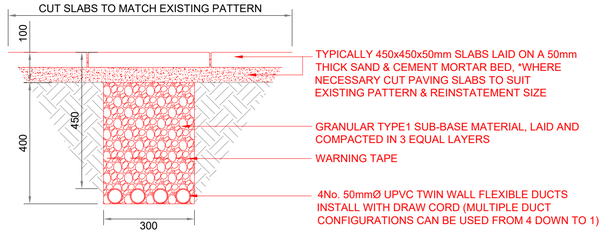
REFERENCE	DESCRIPTION
PVAL	NEW VIX TICKET VALIDATOR AND VIX POST MOUNT. POST AND DEA BANDING SUPPLIED VIX VALIDATOR HEAD INSTALLED BY SPECIALIST CONTRACTOR - VIX). CONCRETE FOUNDATION AND PVAL POST TO BE INSTALLED BY MAIN CONTRACTOR.
	DIRECTIONAL ARROW
TVM	EXISTING TICKET VENDING MACHINE.
	EXISTING CABLE ACCESS CHAMBERS.

	EXISTING TELECOMS CABINET.
	GALVANISED STEEL CABLE CONDUIT (SIZE AND QUANTITY AS INDICATED ON THE LAYOUT DRAWING) NEW INDICATED IN RED.
	GALVANISED CABLE TRUNKING (SIZE AND QUANTITY AS INDICATED ON THE LAYOUT DRAWING) NEW INDICATED IN RED.
	GALVANISED STEEL CABLE TRAY (SIZE AND QUANTITY AS INDICATED ON THE LAYOUT DRAWING) NEW INDICATED IN RED.
	EXISTING uPVC CABLE DUCTING (SIZE AND QUANTITY AS INDICATED ON THE LAYOUT DRAWING) NEW INDICATED IN RED.

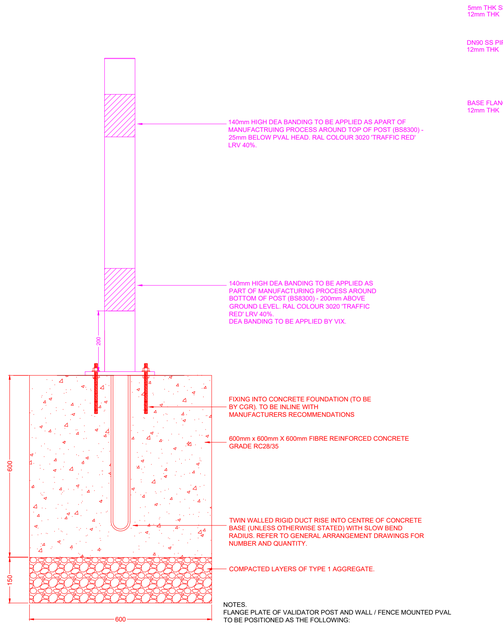
DUCTING TRENCH & FLEXIBLE FOOTWAY REINSTATEMENT
Scale 1:10



DUCTING TRENCH & CONCRETE PAVING SLAB REINSTATEMENT
Scale 1:10



VIX VALIDATOR INSTALLATION DETAILS
POST MOUNTED WITHIN INFIL AREAS
SCALE 1:10.



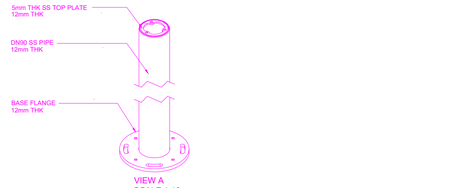
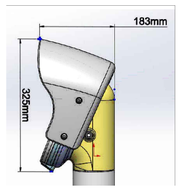


IMAGE 1 : FRONT VIEW - RUGGED VALIDATOR



IMAGE 2 : SIDE VIEW - RUGGED VALIDATOR WITH HOOD ON A POLE



REFER TO VIX ASSURE RUGGED TECHNICAL SPECIFICATION : DPU-00091 FOR FULL DETAILS

NOTES.
FLANGE PLATE OF VALIDATOR POST AND WALL / FENCE MOUNTED PVAL TO BE POSITIONED AS THE FOLLOWING:
- PLATFORMS - MINIMUM 2000mm FROM THE PLATFORM EDGE TO THE VALIDATOR EQUIPMENT.
- WALKWAYS - MINIMUM 1500mm FROM WALKWAY EDGE TO THE VALIDATOR EQUIPMENT.
- THE FOUNDATIONS WILL HAVE A BEARING PRESSURE OF LESS THAN 50kN/m². THE CONTRACTOR SHALL VERIFY THAT THE FORMATION CAN SUPPORT 100kN/m² AND THAT ANY SOFT-SPOTS ARE DUG OUT AND REPLACED WITH A GRANULAR MATERIAL (MOT TYPE 1 OR 2), COMPACTED IN 150mm LAYERS.

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WARNING DO NOT SCALE FROM THIS DRAWING. VERIFY ALL DIMENSIONS AND STRUCTURAL DETAILS ON SITE.

GENERAL NOTES:

SCOPE & RESPONSIBILITY
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS.

EXISTING SERVICES
- THE CONTRACTOR MUST CONFIRM POSITIONS ON SITE BEFORE INSTALLATION AND ADJUST ROUTES AS REQUIRED TO MAINTAIN SEPARATION AND ACCESSIBILITY.

CABLING AND CONTAINMENT
- ALL NEW LV AND ELV CABLING SHALL BE SEGREGATED IN ACCORDANCE WITH BS 7671 (18TH EDITION) AND RELEVANT IET GUIDANCE NOTES.
- USE EXISTING CONTAINMENT ROUTES WHERE PRACTICAL

CABLE IDENTIFICATION
- ALL NEW EQUIPMENT AND CABLING SHALL BE CLEARLY LABELLED WITH DURABLE TAGS INDICATING DESTINATION AND CIRCUIT REFERENCE. LABELS SHALL BE BLACK ON WHITE, 3 MM LETTERING.

TESTING & CERTIFICATION
- UPON COMPLETION, ALL NEW ELECTRICAL AND TELECOMS INSTALLATIONS SHALL BE TESTED, COMMISSIONED, AND CERTIFIED TO CURRENT IET STANDARDS. TEST RESULTS AND AS BUILT INFORMATION SHALL BE ISSUED AS PART OF HANDOVER DOCUMENTATION.

COORDINATION & ACCESS
- COORDINATE INSTALLATION WORKS WITH BUILDING USERS TO MINIMISE DISRUPTION.

WORKMANSHIP & MATERIALS
- ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH CURRENT BRITISH STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.

HEALTH, SAFETY & ENVIRONMENT
- COMPLY WITH THE CONSTRUCTION (DESIGN & MANAGEMENT) REGULATIONS 2015.
- ENSURE GOOD HOUSEKEEPING, MAINTAIN SAFE ACCESS ROUTES, AND ALWAYS USE APPROPRIATE PPE.

DECOMMISSIONING & WASTE
- REMOVE ALL REDUNDANT CABLING AND EQUIPMENT. DISPOSE OF WASTE MATERIALS RESPONSIBLY IN ACCORDANCE WITH SITE ENVIRONMENTAL POLICY.

FINISHES & MAKING GOOD
- REINSTATE ALL AFFECTED FINISHES / AREAS TO MATCH EXISTING CONDITIONS UPON COMPLETION OF WORKS.

REFERENCE	DESCRIPTION
	INDICATES WORKS BY OTHERS.
	INDICATES NEW / PROPOSED.
	INDICATES EXISTING TO BE RELOCATED.
	INDICATES EXISTING TO BE REMOVED.
	INDICATES EXISTING TO REMAIN.

THIS DRAWING IS TO BE PRINTED IN COLOUR

B01	SD	ME	17/12/2025	Landlords Consent
P02	SD	ME	08/12/2025	Preliminary Issue TFW for review and comment. CGR comments captured.
P01	SP	GH	24/11/2025	Preliminary Issue.
Rev.	Drawn	App.	Date	Description

Drawing Status

LANDLORDS CONSENT

Client

centregreat rail

TRAFNIDIAETH CYMRU TRANSPORT FOR WALES

Project:

PVAL SCHEME
WREXHAM GENERAL STATION

Drawing Title:

ELECTRICAL ENGINEERING
PROPOSED SITE LAYOUT & INSTALLATION INFORMATION

Designed	Steve Preece	Signed	Date 17/12/2025
Drawn	Steve Preece	Signed	Date 17/12/2025
Checked	Shaun Davies	Signed	Date 17/12/2025
Approved	Geraint Harris	Signed	Date 17/12/2025
Original Scale	As Shown		Original Size A1

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Project No. 21015-CGR-WLS-WRX-DRG-PVAL-000001 Rev. B01