

EXAMPLE OF INDICATIVE PV LIGHTING SYSTEM

APPROX. 50m³ VOLUME OF RAMP MATERIAL (VOLUME BETWEEN RAMP SURFACE AND LIDAR SURFACE): 1:1 SLOPE ASSUMED

90 sq.m TEMPORARY ACCESS RAMP

INDICATIVE PV LIGHTING

POSITION OF TREES UNKNOWN

10ft CONTAINER

WELFARE/TOILETS

65 sq.m CONCRETE BLINDING/FABRICATION SLAB

COMPOUND AREA = 537sq.m

5.6m LONG X 2.26m ID CULVERT - FABRICATION AREA

STATIC PUMP SET-UP FOR FOAM CONCRETE AND GROUT

EDGE OF RAMP POSITIONED AGAINST EMBANKMENT SLOPE

PALISADE FENCING 1.8m

GATE

FENCING TO BE LOCALLY REMOVED AND REINSTATED FOLLOWING WORKS

EXPOSED CABLE

WINCH/TIRFOR FOR PIPE INSTALLATION IN ARCH

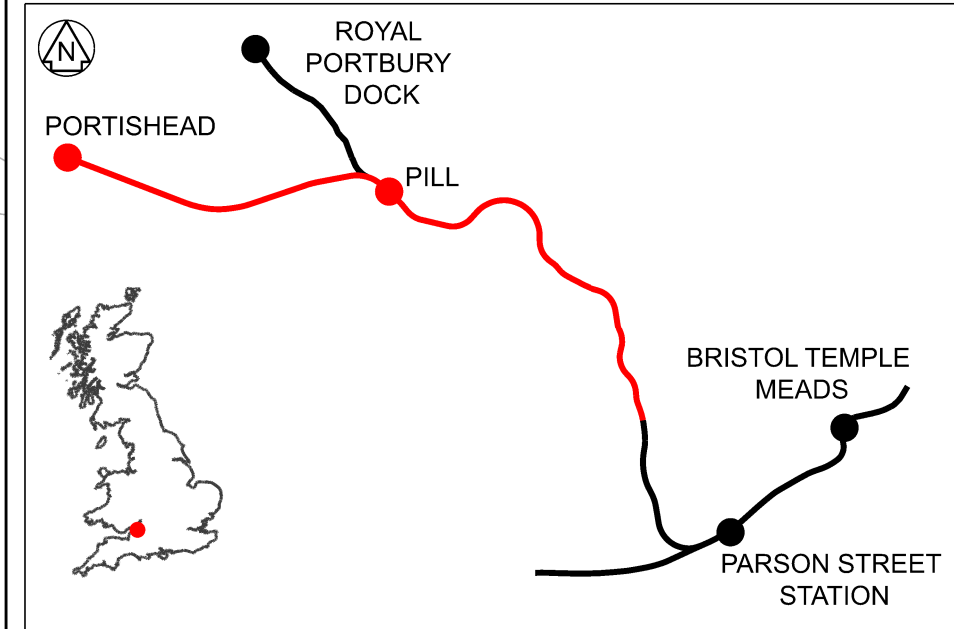
EDGE OF VEGETATION

HERAS BOUNDARY FENCE

- Notes
1. ALL LEVELS AND DIMENSIONS ARE SHOWN IN METRES UNLESS NOTED OTHERWISE.
 2. DO NOT SCALE FROM THIS DRAWING, ONLY FIGURED DIMENSIONS AND LEVELS TO BE USED.
 3. THE DRAWING IS BASED ON TOPOGRAPHICAL SURVEY FROM SEVERN PARTNERSHIP MADE AVAILABLE ON 07/09/2023 (VERSION P09).
 4. TEMPORARY LIGHTING TO BE DESIGNED AT GRIP 6.
 5. TEMPORARY POWER, WATER AND COMMS APPLIED FOR AND COMPLETED AT GRIP 6.
 6. EXTERNAL LIGHTING TO MEET REQUIREMENTS OF HSE GUIDANCE LIGHTING AT WORK HSG38, TO PREVENT LIGHT SLIPPAGE TO PROTECTED TREES, EXTERNAL LIGHTS SHALL BE FACED IN DOWNWARDS DIRECTION AND PROVIDE AVERAGE OF 50lux LEVELS WITH LOCALISED TASK LIGHTING TOWERS UTILISED FOR THE CONSTRUCTION / PWAY WORKS.
 7. A LIGHTING PLAN WILL BE INCLUDED IN THE DETAILED CEMP FOR AGREEMENT WITH NETWORK RAIL AND THE RELEVANT PLANNING AUTHORITY. THE LIGHTING SCHEME WILL COMPLY WITH THE INSTITUTE OF LIGHTING PROFESSIONALS GUIDANCE NOTES FOR THE REDUCTION OF OBTRUSIVE LIGHT GN01 (2011) AND THE PROVISIONS OF BS 5489, CODE OF PRACTICE FOR THE DESIGN OF ROAD LIGHTING (BSI, 2013A). TO BE PROVIDED AT GRIP 6.
 8. AS THIS LOCATION WILL BE WITHIN THE AVON GORGE, NO NIGHT TIME WORKING IS PERMITTED DUE TO THE ECOLOGICAL SENSITIVITY OF THE SITE. MACHINERY SHOULD NOT BE LEFT ON WHEN PRESENT WITHIN THIS COMPOUND AS THE AVON GORGE IS KNOWN TO BE USED BY PEREGRINE FALCONS WHICH ARE A SCHEDULE 1 BIRD SPECIES AND WILL BE MONITORED THROUGH THE PROJECT. THE GRASSLAND HABITAT WILL NEED TO BE RE-INSTATED ONCE THE COMPOUND IS NO LONGER BEING USED.
 9. TEMPORARY WORKS TO BE DESIGNED AT GRIP 6.

LEGEND

- HERAS BOUNDARY FENCE
- EDGE OF VEGETATION
- EXPOSED CABLE
- EXISTING PALISADE FENCE
- EXISTING GATE
- EXISTING STRUCTURE
- TEMPORARY ACCESS RAMP
- STORAGE CONTAINERS
- WELFARE BLOCK/CABINS
- FLAT LANDING AREA
- WASTE SEGREGATION/STORAGE AREA
- PV LIGHTING
- COMPOUND AREA BOUNDARY



Rev	Date	Description of Revisions	Drawn	Chkd	Appr
P01	11/04/24	First Issue for DCO requirement 15	DR	DS	MN



Authorised: [Signature] Signed: Electronically Signed Date: [Date]

Contractor(s) VolkerFitzpatrick Ltd	
Location PORTISHEAD BRANCH	Sub-type
Type CAD Drawing	Sub-Role General
Role Rail Engineering	Zone Western Region
Phasing 2.48	Project Stage GRIP 5
Region Western and Wales	

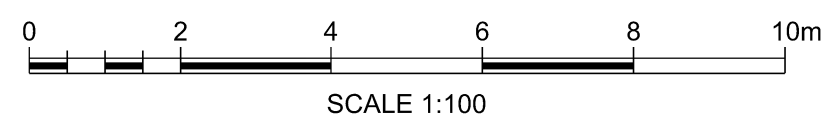
Contract No.
140569

Contract Title
Metrowest Phase 1b

Drawing Title
TEMPORARY COMPOUND QUARRY UNDERBRIDGE NO.2

Designed	Signed	Date
Drawn D.Richards	Signed Electronically Signed	Date 10/04/24
Checked D.Schofield	Signed Electronically Signed	Date 11/04/24
Approved M.Niles	Signed Electronically Signed	Date 11/04/24

FOR DCO APPROVAL ONLY



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