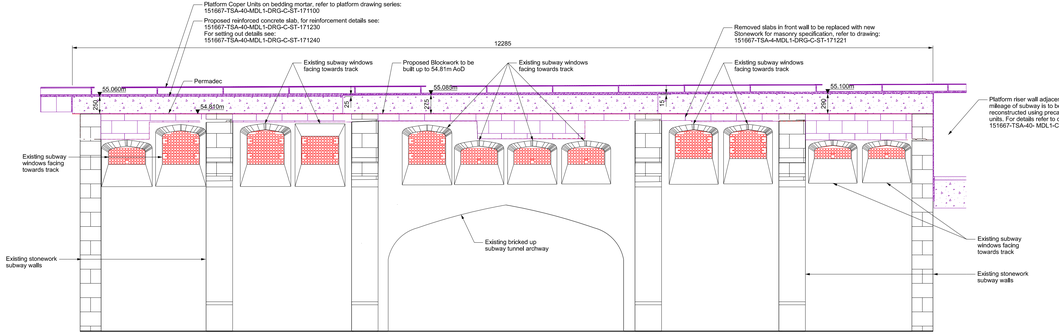
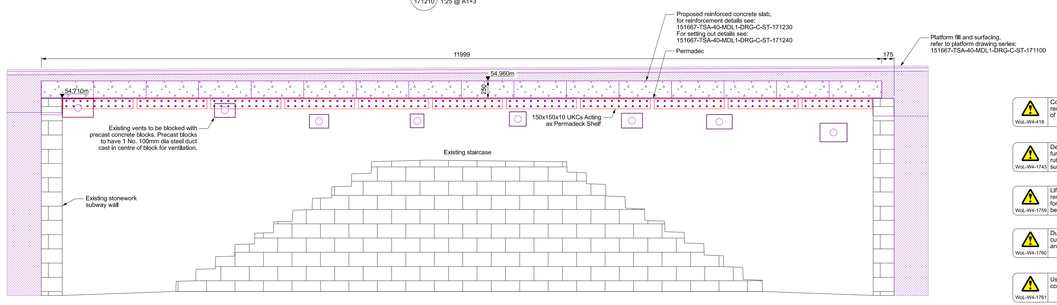
Drawing Number 151667-TSA-40-MDL1-DRG-C-ST-171211 P04




WoL-WA-006 Potential clash and collapse of historical station subway beneath platform 2

A-A 171210 Internal Elevation on Front Wall 1:25 @ A1+3




WoL-WA-418 Confined spaces working required for construction of the proposed works

WoL-WA-1743 Debris, discarded station furniture and accumulated rubbish in the historic subway entrance.

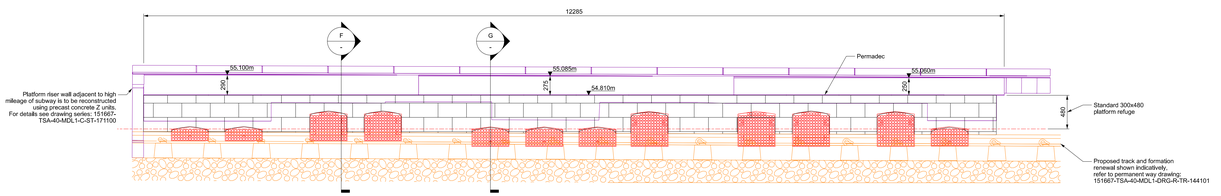
WoL-WA-1759 Lifting operations for slab removal and installing formwork/reinforcement beneath the existing canopy.

WoL-WA-1760 Dust produced during cutting of stonework and anchor drilling.

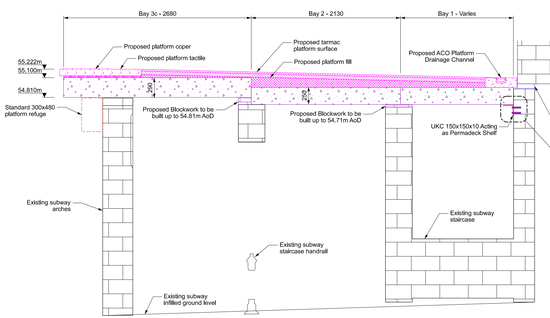
WoL-WA-1761 Use of concrete pumps and concrete placing booms.

C-C 171210 Internal Elevation on Back Wall 1:25 @ A1+3

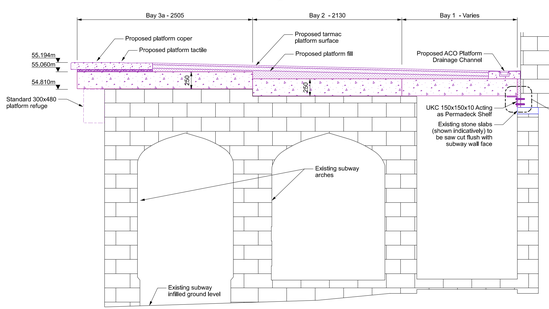
WoL-WA-1762 Potential for voids within the platforms outside of station subway footprint




E-E 171210 External Elevation on Front Wall 1:25 @ A1+3

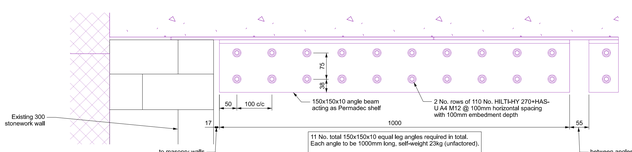



B-B 171210 Section Through Existing Handrail 1:25 @ A1+3

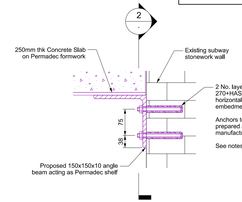



WoL-WA-0366 Destabilising of masonry arches within subway beneath platform 2 during construction.

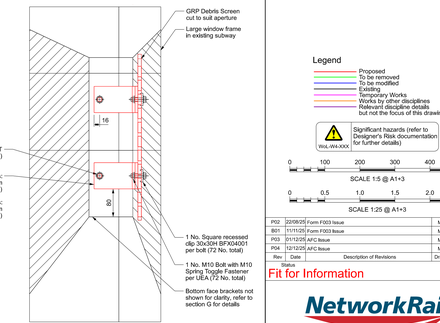
D-D 171210 Section Through Existing Arches 1:25 @ A1+3



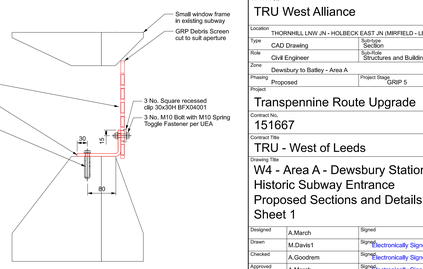

D2 171211 Steel Angle Setting Out Detail 1:5 @ A1+3




D1 171211 Steel Angle Connection Typical Detail 1:5 @ A1+3




F - 1:5 @ A1+3 Section through Large Window Grate Showing Side Face Brackets (detail applies to all windows)




G - 1:5 @ A1+3 Section Through Small window grate Showing Bottom Face Brackets (detail applies to all windows)

Safety, Health and Environmental Information

For Health and Safety information on this location, refer to discipline specific Project Hazard Record.

Legend/Notes

1. All dimensions shown in millimetres unless otherwise noted. All levels are in metres above Ordnance Survey Datum Newlyn.
2. All coordinates are to the Transpennine (TPEN15) project grid.
3. For Health and Safety information refer to the CDM Project Hazard Record: 151667-TSA-W4-MDL1-REG-W-SS-000001.
4. This drawing shall be read in conjunction with the general notes and drawings/documents listed on drawing number: 151667-TSA-40-MDL1-DRG-C-ST-171200.
5. The existing subway geometry is based upon topographical and point cloud survey carried out by Severn Partnership in June 2020. Topographical survey model ref. 151667-TSA-W4-MDL1-DM3-X-MF-701355 P03 and point cloud tile ref. 151667-TSA-W3-MDL1-DM3-X-MF-701589 P01.
6. Hilti HAS-U A4 threaded rod with HIT-HY 270 injection mortar with 100 mm embedment h_ef, M12, Stainless Steel, Hammer drilled installation per ETA-19/0160.
7. Isolating washers to be provided between stainless steel anchors and shelf angle to prevent bi-metallic corrosion.
8. Proof tensile tests to BS8539 to be carried out, spread evenly across the proposed anchors. Each tested fixing shall be loaded progressively over 30 seconds. At this point the applied load shall be maintained for 60 seconds (or longer if creep is still occurring when necessary). N.B. This is not intended to be a destructive test and no movement or damage should occur. Fixings will satisfy the proof test requirements if the load is held without movement or any damage or deformation occurring to either the fixing or the base material, otherwise they shall be deemed to have failed. The reaction plate is to be outside the potential failure cones of the anchors. Should failure occur, designer is to be informed to establish cause of failure.
9. Anchor proof test load = 1.4kN

Legend

- Proposed
- To be removed
- To be modified
- Existing
- Temporary Works
- Works by other disciplines
- Relevant discipline details but not the focus of this drawing

WoL-WA-XXX Significant hazards (refer to Designer's Risk documentation for further details)

0 100 200 300 400 500mm
SCALE 1:5 @ A1+3

0 0.5 1.0 1.5 2.0 2.5m
SCALE 1:25 @ A1+3

| Rev. | Date | Description of Revisions | Drawn | Chkd | Appr |
|---|---|---|---|---|---|
| P02 | 22/09/25 | Form P03 Issue | MD | AG | AM |
| B01 | 11/11/25 | Form P03 Issue | MD | AG | AM |
| P03 | 01/12/25 | AFC Issue | MD | AG | AM |
| P04 | 12/12/25 | AFC Issue | MD | AG | AM |

Status: Fit for Information
Suitability: S2

Authorised | Signed | Date

Contractor(s): TRU West Alliance

Location: THORNHILL LNW JN - HOLBECK EAST JN (MIRFIELD - LEEDS)

| Type | CAD Drawing | Sub-type | Section |
|---|---|---|---|
| Role | Civil Engineer | Spec | Structures and Buildings |
| Zone | Dewsbury to Batley - Area A | | |
| Phase(s) | Proposed | Project Stage | GRIP 5 |

Project: Transpennine Route Upgrade

Contract No.: 151667

Contract Title: TRU - West of Leeds

Drawing Title: W4 - Area A - Dewsbury Station Historic Subway Entrance Proposed Sections and Details Sheet 1

| | | | |
|---|---|---|---|
| Designed | A.March | Signed | Date 12/12/25 |
| Drawn | M.Davis1 | Signed Electronically Signed | Date 12/12/25 |
| Checked | A.Goodrem | Signed Electronically Signed | Date 12/12/25 |
| Approved | A.March | Signed Electronically Signed | Date 12/12/25 |

Scale(s): As Shown
EUS & Mileage: 33.1406 to 33.1406
Alternative Reference: M123006
Sheet: 1 of 2
Drawing Number: 151667-TSA-40-MDL1-DRG-C-ST-171211
Revision: P04

Sheet Size A1+3 594 x 1471