C01

Drawing Number
151667-TSA-30-MVL3-DRG-E-EP-082304

Manchester

Platform 4

Platform 3

Installing Roof Mounted Luminaires, Cable Management and Cables in Huddersfield Station
W3-GS-60/32

DB-P3/4-EL (L1) - Way 7
DB-P3/4-EL (L1) - Way 8
DB-P3/4-EL (L1) - Way 9
DB-P3/4-Way 12-L3
DB-P3/4-Way 13-L2
DB-P3/4-Way 13-L3
DB-P3/4-EL (L1) - Way 2
DB-P3/4-Way 10 -L2
DB-P3/4-EL (L1) - Way 3
DB-P3/4-Way 10 -L3
DB-P3/4-EL (L1) - Way 4
DB-P3/4-Way 11 -L2
DB-P3/4-EL (L1) - Way 5
DB-P3/4-Way 11 -L3

For continuation refer to panel below

PLATFORMS 3 & 4 - LIGHTING LAYOUT PLATFORM LEVEL (SCALE 1:100)

Cut off line

Continued from panel above

Refer to Drawing 151667-TSA-30-MVL3-DRG-E-EP-082315

DB-P3/4-EL (L1) - Way 9
DB-P3/4-EL (L1) - Way 10
DB-P3/4-Way 13-L3
DB-P3/4-Way 14-L2
DB-P3/4-EL (L1) - Way 5
DB-P3/4-Way 11 -L3
DB-P3/4-EL (L1) - Way 6
DB-P3/4-Way 12 -L2
DB-P3/4-EL (L1) - Way 11
DB-P3/4-EL (L1) - Way 15
DB-P3/4-Way 14 -L3
DB-P3/4-Way 15 -L3
DB-P3/4-Way 16 -L2
DB-P3/4-EL (L1) - Way 12
DB-P3/4-Way 16 -L3
DB-P3/4-EL (L1) - Way 13
DB-P3/4-Way 17 -L2
DB-P3/4-EL (L1) - Way 14
D20c COL02
D20s COL02
LC
DB-P3/4-Way 17 -L3
DB-P3/4-EL (L1) - Way 15

Leeds

Platform 4

Platform 3

PLATFORMS 3 & 4 - LIGHTING LAYOUT PLATFORM LEVEL (SCALE 1:100)

Cut off line

0 2 4 6 8 10m
SCALE 1:100

Location Diagram (NTS)

Mobberley
Chelford
Church Fenton
Copley Hill Junction
Colton Junction
Neville Hill Depot
Holbeck
Healey Mills
Heaton Lodge Junction
Bradley Junction
Huddersfield
Ravensthorpe
Mirfield
Stalybridge
Hyndburn
Standedge Tunnel
Diggle Junction
Greenfield
Mossley
Stalybridge
Ashton Under Lyne
Miles Platting Junction
Manchester Victoria

1. This drawing is to be read in conjunction with GRIP 5 documentation; W3 - 30 - Huddersfield Station (Blockade 2) - M&E - Form 003: 151667-TSA-30-MVL3-FO-W-EP-080002
2. All equipment shall be suitable for its installed environment.
3. Unless otherwise stated, installation works shall be carried out in accordance with all relevant railway group and Network Rail company standards.
4. All wiring and electrical installation work to be carried out in accordance with BS7671:2018+A3:2024 (18th Edition, Amendment 3), the Electricity at Work Regulations, BS 7430, NR/L1/ELP/21085 Issue 6 & BS EN 62305 parts 1,2,3 &4.
4. This installation has been designed in accordance with RIS 7702. BS EN 12464.
5. The Contractor shall install the lighting as indicated on the drawing in accordance with Network Rail requirements and standard installation details.
6. BS7846 F120 Armoured Fire Performance cable shall be used for the lighting circuits to ensure that the emergency lighting backup system can maintain the lighting in a fire condition. Fire rated connection boxes and terminals are proposed for the termination of these cables at each set of luminaires. CH1-C1 Fire rated cable shall be utilised on the footbridge.
7. All mechanical fixtures for lighting supply cables shall be fire rated. This shall include SWA cleats and ties..
8. This drawing shall be read in conjunction with the W3 CDM Risk Register Extract; 151667-TSA-TRW-TRA-LOG-W-EP-000003. The warning triangles presented on the drawing shall be referenced against the log hazards safety measures and actions.
9. This Drawing is to be read in conjunction with the luminaire datasheets found within the M&E Form B submission.
10. The luminaires are located at a minimum of 1.3m from the platform edge at all locations.
11. This Drawing is to be read in conjunction with the following interfacing drawings:

Architectural Items
Blockade 1 Furniture/Ancillary Items General Arrangement 151667-TSA-30-MVL3-DRG-A-AR-010201
Blockade 2 Furniture/Ancillary Items General Arrangement 151667-TSA-30-MVL3-DRG-A-AR-010204

Footbridge
Footbridge - Proposed GA Platform Level
151667-TSA-30-MVL3-DRG-A-AR-010565
Structures Proposed General Arrangement
151667-TSA-30-MVL3-DRG-S-ST-172401

Penistone Canopy
Architecture Plan
151667-TSA-30-MVL3-DRG-A-AR-010400

Roof A
Architecture Roof A General Arrangement
151667-TSA-30-MVL3-DRG-A-AR-010300

Roof B and C
Roof B and C General Arrangement (Architecture)
151667-TSA-30-MVL3-DRG-A-AR-010500
Roof B and C General Arrangement (Structures)
151667-TSA-30-MVL3-DRG-S-ST-180102

Station Civils
Platform 1 General Arrangement
151667-TSA-30-MVL3-DRG-C-ST-172502
Platform 2 General Arrangement
151667-TSA-30-MVL3-DRG-C-ST-172503
Platform 3 General Arrangement
151667-TSA-30-MVL3-DRG-C-ST-172101
Platform 5&6 General Arrangement
151667-TSA-30-MVL3-DRG-C-ST-172801

Subway
Subway - Proposed Plan and Section
151667-TSA-30-MVL3-DRG-C-ST-172102

Tea Rooms
151667-TSA-30-MVL3-DRG-A-AR-013002

Safety, Health and Environmental Information
Notes below are additional to hazards/risks normally associated with this type of work;
Construction
W3-GS-6032 Installing Roof Mounted Luminaires, Cable Management, Lighting Protection Systems and Cables in Huddersfield Station

These notes are based on the use of experienced and competent contractors carrying out the work using an approved safe method of working.

Colour Legend:
Black — Existing or Unchanged or As Built Asset.
Green — Relocated or To Be Removed.
Red — Existing Asset To Be Modified or To Be Moved.
Blue — Proposed Asset.
Orange — Works By Others.
Cyan — Possible Provision or Future Works.

Rev	Date	Description of Revisions	Drawn	Chkd	Appr	Suitability
B01	25/11/25	For Approval	AE	MW	MW	
P03	19/12/25	Approved For Construction	AE	MW		
P04	19/12/25	Approved For Construction	AE	MW	MW	
C01	19/12/25	Approved For Construction	AE	MW	MW	

Fit for Construction — A

Table 1 : Huddersfield Station - Luminaire Schedule

Reference	Description
D1	Bega 24432K3, 2400lm output 24W 3000K. Surface mounted. RAL9007 finish. Wide beam optic.
D2b	DW Windsor Kirkum Pro Mk8. 7172lm output 37W 3000K. Post mounted luminaire on 5m post. RAL7016 finish. Opal optic.
D3	Concept Micro Cincone. 2000lm output 22W 3000K. Surface mounted downlight to underside of Mt canopy. RAL5026 finish. Diffused optic.
D6	We-ef DAC240. 6960lm output 48W 3000K. Surface mounted. RAL7016 finish. Wallwash optic.
L2	Ledlinear Adonis Architectural SW 15, 1290lm/m 20W/m. Surface mounted to shadow gap within Roof B and C. RAL7016 finish. Opal optic.
L9	LedLinear Venus. 590lm output 11W 3000K. Surface mounted to canopies. White finish opal optic
W3	Wee-ef PLS420, 1470lm output 12W 3000K. Surface mounted to footbridge walls. RAL5026 finish. Asymmetric, forward throw optic.
W5	Bega wall light 24883. 1500lm output 18W 3000K. Recessed to side of Canopy. RAL5026 finish. Asymmetric, forward throw optic.
COL02	Abacus column - 5m medium duty York hinged column. Flange mounted. RAL 7046 - Mid grey.

Lighting Circuits
Lighting Column direction of fall
E — Denotes Emergency Light Fitting e.g. L2E
Connection Box
LC — Lighting Column

NetworkRail

Authorised	R.Gee	Signed	Electronically Signed
		Date	19/12/2025

Contractor(s)
TRU West Alliance

Location
STALYBRIDGE STN - HEATON LODGE JN (HUDD-MANC LINE)

Type	CAD Drawing		General Arrangement
Role	Electrical Engineer	Sub-Role	General
Zone	Huddersfield		
Phase(s)	Proposed	Project Stage	GRIP 6

Project
Transpennine Route Upgrade

Contract No.
151667

Contract Title
TRU - West of Leeds

Drawing Title
W3-E&P-Huddersfield Station
Blockade 2
Platforms 3 & 4
Lighting Layout

Designed	S. Ramos	Signed	Electronically Signed
		Date	19/12/25
Drawn	A.Emmerson1	Signed	Electronically Signed
		Date	19/12/25
Checked	M.Ward	Signed	Electronically Signed
		Date	19/12/25
Approved	M.Ward	Signed	Electronically Signed
		Date	19/12/25

Scale(s)	1:100	ELR & Mileage	25.1188 to 25.1428
Alternative Reference		Sheet	1 of 1
Drawing Number	151667-TSA-30-MVL3-DRG-E-EP-082304		Revision C01

Sheet Size A1x4 594 x 1681

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