

Tritax Symmetry (Hinckley) Limited

HINCKLEY NATIONAL RAIL FREIGHT INTERCHANGE

The Hinckley National Rail Freight Interchange Development Consent Order

Project reference TR050007

Environmental Statement Volume 2: Appendices

Appendix 3.2: Lighting Strategy [part 2 of 3]

Document reference: 6.2.3.2

Revision: 04

November 2022

Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009
Regulation 5(2)(a)

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017
Regulation 14

This document forms a part of the Environmental Statement for the Hinckley National Rail Freight Interchange project.

Tritax Symmetry (Hinckley) Limited (TSH) has applied to the Secretary of State for Transport for a Development Consent Order (DCO) for the Hinckley National Rail Freight Interchange (HNRFI).

To help inform the determination of the DCO application, TSH has undertaken an environmental impact assessment (EIA) of its proposals. EIA is a process that aims to improve the environmental design of a development proposal, and to provide the decision maker with sufficient information about the environmental effects of the project to make a decision.

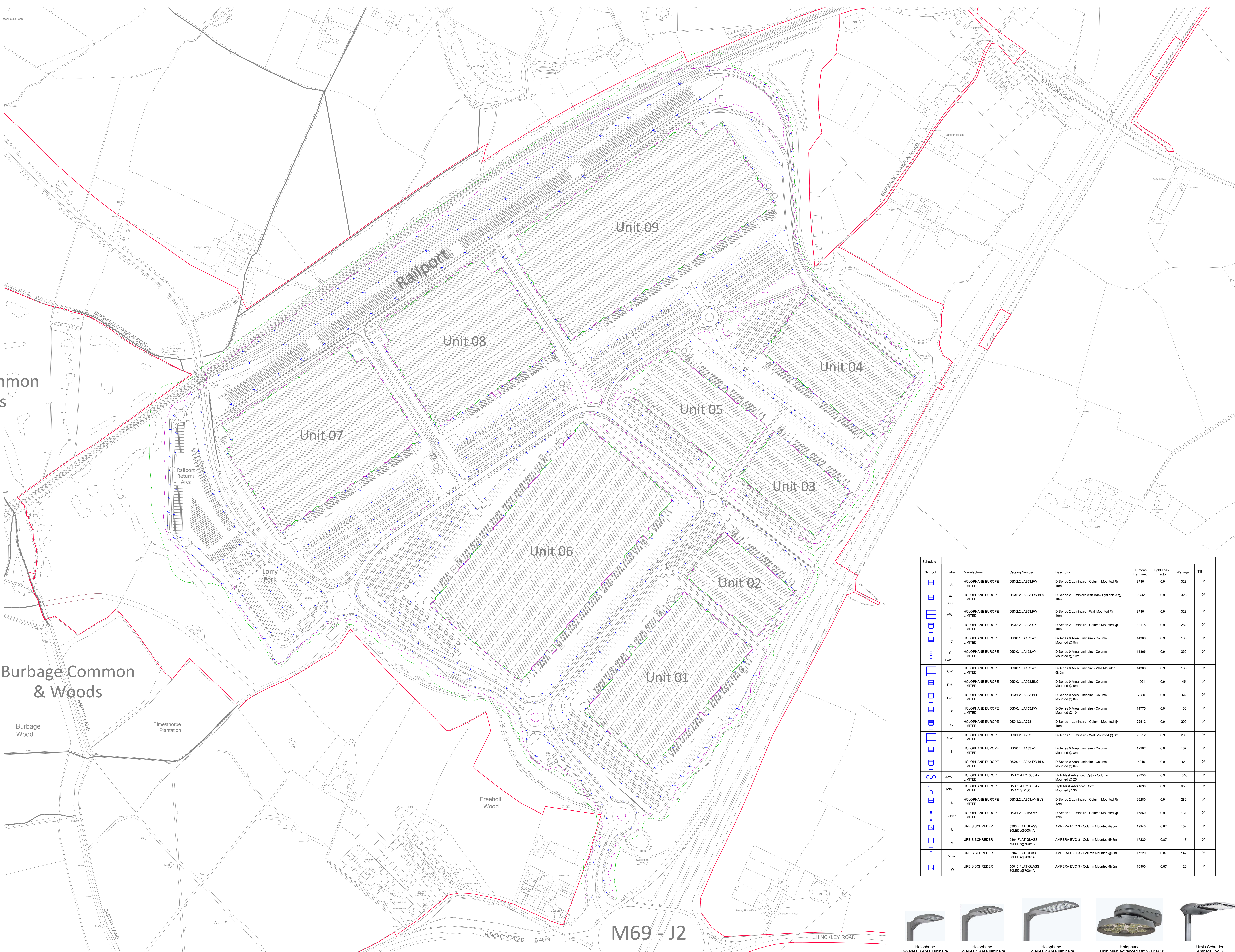
The findings of an EIA are described in a written report known as an Environmental Statement (ES). An ES provides environmental information about the scheme, including a description of the development, its predicted environmental effects and the measures proposed to ameliorate any adverse effects.

Further details about the proposed Hinckley National Rail Freight Interchange are available on the project website:

[Redacted]

The DCO application and documents relating to the examination of the proposed development can be viewed on the Planning Inspectorate's National Infrastructure Planning website:

<https://infrastructure.planninginspectorate.gov.uk/projects/east-midlands/hinckley-national-rail-freight-interchange/>



- Notes**
1. Do not scale this drawing. All dimensions must be checked verified on site if it is to be used.
 2. This drawing is to be read in conjunction with all relevant architects, engineers and specialist drawings and specifications.
 3. All dimensions in millimetres unless noted otherwise. All levels in metres unless noted otherwise.
 4. Any discrepancies noted on site are to be reported to the engineer immediately.

Legend

Spill	
Description	Contour
5 Lux	
1 Lux	

Statistics

Description	Avg	Min	Min/Avg
Container Access Road	40 lux	33 lux	0.83
Lorry Park	18 lux	7 lux	0.39
Office Parking	19 lux	6 lux	0.32
Range - Container Stack	54 lux	43 lux	0.80
Railport Returns Area	29 lux	15 lux	0.52
Railport - Rail Chord	26 lux	23 lux	0.88
Cripple Sidings	13 lux	4 lux	0.28
Site Hub - Yard, Car Park and Access	26 lux	7 lux	0.28
Bus Layby	32 lux	13 lux	0.40
A&T Link Road	20 lux	11 lux	0.55
Roadways - Internal	20 lux	5 lux	0.25
Roadway - Lorry Park	19 lux	18 lux	0.26
Service Yard	36 lux	18 lux	0.50
Unit 1 - Car Park	18 lux	6 lux	0.33
Unit 1 - Car Park Access Road	22 lux	13 lux	0.59
Unit 1 - Service Road	22 lux	9 lux	0.41
Unit 1 - Service Yard	19 lux	7 lux	0.37
Unit 1 - Service Yard - NW	35 lux	16 lux	0.46
Unit 2 - Car Park	20 lux	10 lux	0.50
Unit 2 - Service Road	20 lux	7 lux	0.35
Unit 2 - Service Yard	37 lux	19 lux	0.43
Unit 3 - Car Park	17 lux	7 lux	0.41
Unit 3 - Service Road	15 lux	7 lux	0.47
Unit 3 - Service Yard	36 lux	15 lux	0.42
Unit 3 Service Road	14 lux	5 lux	0.36
Unit 4 - Car Park	18 lux	6 lux	0.33
Unit 4 - Service Road	15 lux	5 lux	0.33
Unit 4 - Service Yard	36 lux	18 lux	0.44
Unit 4 - Service Yard Access Road	22 lux	10 lux	0.45
Unit 5 - Car Park	17 lux	8 lux	0.53
Unit 5 - Service Yard	37 lux	15 lux	0.41
Unit 6 - Car Park	20 lux	9 lux	0.45
Unit 6 - North Service Road	18 lux	7 lux	0.39
Unit 6 - Service Yard	38 lux	23 lux	0.61
Unit 6 - Service Yard	35 lux	15 lux	0.43
Unit 6 - South Service Road	17 lux	5 lux	0.29
Unit 7 - Car Park	18 lux	8 lux	0.44
Unit 7 Entrance	25 lux	8 lux	0.32
Unit 7 LMS Emergency Turning Area	18 lux	7 lux	0.39
Unit 7 RWS Emergency Turning Area	17 lux	7 lux	0.41
Unit 8 - Car Park	19 lux	6 lux	0.32
Unit 8 - Emergency Turning	17 lux	8 lux	0.47
Unit 8 - Entrance Road	21 lux	10 lux	0.48
Unit 8 - Entrance Road	37 lux	17 lux	0.46
Unit 8 - RWS Emergency Turning	16 lux	6 lux	0.38
Unit 8 - Service Yard	44 lux	19 lux	0.43
Unit 9 - Car Park	18 lux	5 lux	0.28
Unit 9 - Car Returns	16 lux	7 lux	0.44
Unit 9 - RWS Service Yard	34 lux	14 lux	0.41
Unit 9 - Service Yard	45 lux	18 lux	0.40

Schedule

Symbol	Label	Manufacturer	Catalog Number	Description	Lumens Per Lamp	Light Loss Factor	Wattage	TH
	A	HOLOPHANE EUROPE LIMITED	DSX2.2.LA363.FW	D-Series 2 Luminaire - Column Mounted @ 10m	37861	0.9	328	0°
	A-BSL	HOLOPHANE EUROPE LIMITED	DSX2.2.LA363.FW.BLS	D-Series 2 Luminaire with Back light shield @ 10m	29561	0.9	328	0°
	AW	HOLOPHANE EUROPE LIMITED	DSX2.2.LA363.FW	D-Series 2 Luminaire - Wall Mounted @ 10m	37861	0.9	328	0°
	B	HOLOPHANE EUROPE LIMITED	DSX2.2.LA303.SY	D-Series 2 Luminaire - Column Mounted @ 8m	32178	0.9	282	0°
	C	HOLOPHANE EUROPE LIMITED	DSX0.1.LA153.AY	D-Series 0 Area luminaire - Column Mounted @ 8m	14366	0.9	133	0°
	C-Twin	HOLOPHANE EUROPE LIMITED	DSX0.1.LA153.AY	D-Series 0 Area luminaire - Column Mounted @ 10m	14366	0.9	266	0°
	CW	HOLOPHANE EUROPE LIMITED	DSX0.1.LA153.AY	D-Series 0 Area luminaire - Wall Mounted @ 8m	14366	0.9	133	0°
	E-6	HOLOPHANE EUROPE LIMITED	DSX0.1.LA083.BLC	D-Series 0 Area luminaire - Column Mounted @ 6m	4561	0.9	45	0°
	E-8	HOLOPHANE EUROPE LIMITED	DSX1.2.LA083.BLC	D-Series 0 Area luminaire - Column Mounted @ 8m	7200	0.9	64	0°
	F	HOLOPHANE EUROPE LIMITED	DSX0.1.LA153.FW	D-Series 0 Area luminaire - Column Mounted @ 10m	14775	0.9	133	0°
	G	HOLOPHANE EUROPE LIMITED	DSX1.2.LA223	D-Series 1 Luminaire - Column Mounted @ 10m	22512	0.9	200	0°
	GW	HOLOPHANE EUROPE LIMITED	DSX1.2.LA223	D-Series 1 Luminaire - Wall Mounted @ 8m	22512	0.9	200	0°
	I	HOLOPHANE EUROPE LIMITED	DSX0.1.LA133.AY	D-Series 0 Area luminaire - Column Mounted @ 8m	12202	0.9	107	0°
	J	HOLOPHANE EUROPE LIMITED	DSX0.1.LA083.FW.BLS	D-Series 0 Area luminaire - Column Mounted @ 6m	5815	0.9	64	0°
	J-25	HOLOPHANE EUROPE LIMITED	HMAO.4.LC1003.AY	High Mast Advanced Optix - Column Mounted @ 25m	92950	0.9	1316	0°
	J-30	HOLOPHANE EUROPE LIMITED	HMAO.4.LC1003.AY HMAO.SD180	High Mast Advanced Optix Mounted @ 30m	71638	0.9	658	0°
	K	HOLOPHANE EUROPE LIMITED	DSX2.2.LA363.AY.BLS	D-Series 2 Luminaire - Column Mounted @ 12m	26280	0.9	282	0°
	L-Twin	HOLOPHANE EUROPE LIMITED	DSX1.2.LA.163.AY	D-Series 1 Luminaire - Column Mounted @ 12m	16560	0.9	131	0°
	U	URBIS SCHREDER	5303 FLAT GLASS 80LED@600mA	AMPERA EVO 3 - Column Mounted @ 8m	19540	0.87	152	0°
	V	URBIS SCHREDER	5304 FLAT GLASS 80LED@700mA	AMPERA EVO 3 - Column Mounted @ 8m	17220	0.87	147	0°
	V-Twin	URBIS SCHREDER	5304 FLAT GLASS 80LED@700mA	AMPERA EVO 3 - Column Mounted @ 8m	17220	0.87	147	0°
	W	URBIS SCHREDER	50010 FLAT GLASS 80LED@700mA	AMPERA EVO 3 - Column Mounted @ 8m	16900	0.87	120	0°



Revisions

Rev	Date	Description	By	Rev	
P3	03.11.22	Issued for Information Latest site plan incorporated		OCL	DA
P2	12.08.22	Client comments incorporated		GEM	DA
P1	18.06.22	Issued for Information Revised in line with EDP comments.		GEM	DA

Issues & Revisions

Birmingham | 0121 233 3322
 Leeds | 0115 233 8000
 London | 020 7407 3679
 Manchester | 0161 233 4280
 Nottingham | 0115 924 1100
www.bwbconsulting.com



Project Title
Hinckley National Rail Freight Interchange

Drawing Title
Electrical Services Proposed External Lighting Layout Proposed Site Plan

Drawn: G. E. Maher Reviewed: D. Alazfar
 BWB Ref: NT12814 Date: 13.06.22 Scale@A0: 1:2500

INFORMATION

Project - Originator - Zone - Level - Type - Role - Number Status Rev

HRF-BWB-XX-DR-E-2300 S2 P3