Road Lighting Design Results

Calculation Measurement Area		Design Results		
		Maintained Average Illuminance	Maintained Minimum Illuminance	Uniformity (E_{min} / E_{av})
		E_{av}	E_{min}	U_o
Description	Symbol	(lx)	(lx)	(%)
Site Spine Road : Carriageway	+	15	7	47
Site Spine Road : 3m Shared Cycleway / Pavements	+	14	4	29
Site Spine Road : 2m Pavements	+	12	6	50

Road Lighting Controls Description:-

Access Spine Road : R3

1. Road Lighting Controls Will Be Via Individual Photocells Mounted On Each Lighting Luminaire To Automatically Control The Road Lighting Luminaires As Detailed Below:-
   a. 0% From Dawn Until Dusk
   b. 100% From Dusk Until Dawn

Future Development Plot

Proposed Unit 2

Indicative future access point (temporary stretch of path/verge)

Proposed Bus Stop shown indicatively

Relocated pedestrian crossing

95 no. Van Bays (inlet 53 EV Spaces)

Van washing bay with canopy

LGV wash island with canopy

VMU Building (653m²)

Fuel Island

Sprinkler Tank and Pump House

Turning Circle

189 no. Car Parking Bays (inc 26 EV bays) plus 13 M/C Bays

21 no. Trailer Spaces

Service Yard

27 no. Tractor spaces

2 no. Trailer Spaces

5 no. Trailer spaces

Transport Office

Existing Gatehouse

Existing Service Yard Entrance Amended

Existing Totem Signage refurbished

153 no. Car Parking Bays (inc. 5 accessible bays + 24 EV bays)

Existing Car Park Entrance Amended

Existing Totem Signage refurbished

Pond

N

0 10 20 30 40

Scale Line (m)

3	14 10 26	FOR APPROVALS Updated To Suit THP Architects Revised Site Plan Drawing : [21588-2-THP-XX-XX-DR-A-0210-ProposedMasterplanP06]		TRF	JW
2	08 10 26	FOR APPROVALS Updated To Suit THP Architects Revised Site Plan Drawing : [21588-2-THP-XX-XX-DR-A-0211-ProposedSitePlanP05]		TRF	JW
1	16 09 26	FOR APPROVALS		TRF	JW
Rev	Date	Description		Drawn	Checked

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Client: TRITAX BIG BOX

Project: Unit 02, Tritax Park, Merseyside
Occupier Fit-Out Works

Design Stage: Planning

Drawing Title: Site Plan Phase 3 Site Road R3
External Lighting Design Illumination Plot

HAN Project Number: 4158

Scale @ A0: 1:500

Drawing Number: 4158 - HAN - PL - R3 - D - E - 006360

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