ADL
TRAFFIC & HIGHWAYS

DESIGNER'S RESPONSE TO STAGE 1 ROAD SAFETY AUDIT

PROPOSED McDONALD'S RESTAURANT AT LAND AT TESCO EXTRA CAR PARK, CRESENT ROAD, WREXHAM

Client: McDonald's Restaurants Ltd

Reference: ADL/CC/4024/18A

Date: December 2025

Prepared in accordance with Appendix F of GG119 Rev 0

PROJECT DETAILS

Document Details

Report Title	Designer's Response to Stage 1 Road Safety Audit
Date	18 December 2025
Document Reference and Revision	ADL/CC/4024
Prepared By:	ADL Traffic and Highways Engineering Ltd
On behalf of	Wrexham County Borough Council

Authorisation Sheet

Project:	Proposed McDonald's Restaurant, Land at Tesco Extra Car Park, Crescent Road, Wrexham
Report Title	Designer's Response to Stage 1 Road Safety Audit
Prepared by:	
Name	Catherine Chapman
Position	Director
Signed	[redacted]
Organisation	ADL Traffic and Highways Engineering Ltd
Date	18 December 2025
Approved by:	
Name	
Position	
Signed	
Organisation	
Date	

CONTENTS

Page №

1.0 INTRODUCTION

1.1 Background to Road Safety Audit 1
1.2 Key Personnel 1

2.0 ROAD SAFETY AUDIT DECISION LOG 2

3.0 STATEMENTS

3.1 Design Organisation
3.2 Overseeing Organisation

APPENDICES

1.0 EXISTING AND PROPOSED PEDESTRIAN CROSSING IMPROVEMENTS

2.0 ARCHITECTS REVISED LAYOUT

3.0 REVISED LIGHTING PLAN

1.0 INTRODUCTION

1.1 Background to Road Safety Audit

1.1.1 It is proposed to construct a McDonald's restaurant at Tesco Extra, Wrexham to provide a McDonald's restaurant with drive thru facilities.

1.1.2 As part of the planning/detailed design process a Stage 1/2/3 Road Safety Audit has been prepared, at the request of Wrexham County Borough Council.

1.1.3 The audit was undertaken in accordance with GG119 by TMS Consultancy Ltd and this Designer's Response has been prepared in line with the template provided at Appendix F of GG119.

1.2 Key Personnel

1.2.1 The following organisations were involved in the preparation of the safety audit.

Table 1A Key Personnel

Overseeing Organisation	Wrexham County Borough Council Highway Authority
RSA Team	Neal Roderick TMS Consultancy Ltd nroderick@tmsconsultancy.co.uk Harminder Aulak TMS Consultancy Ltd haulak@tmsconsultancy.co.uk
Design Organisation	Catherine Chapman ADL Traffic and Highways Engineering Ltd catherine@adltraffic.co.uk

2.0 ROAD SAFETY AUDIT DECISION LOG

2.1 This section considers the matters raised in the audit, utilising the same numbering as the audit document.

Audit Reference 3.1

RSA Problem: Location: Existing zebra crossing on main access road in Car Park Summary: Increased risk of pedestrians being struck whilst using the zebra crossing. The existing zebra crossing on the main access road in the Car Park was observed to be well utilised during the site visit and traffic movements were high in the vicinity of the crossing. With the introduction of a McDonald's Restaurant increased traffic and pedestrian movements are expected. The following issues are deemed to increase the risk of pedestrians being struck by passing traffic while using the zebra crossing: a) Signing on the approach to the crossing was cluttered and could distract drivers from the crossing. b) An existing barrier, on the eastern side of the crossing, obstructs visibility of the belisha beacon on the approach to the crossing. c) The tree canopy on the western side of the crossing was overgrowing the belisha beacon. In the summer months when the trees are in full leaf the belisha beacon will be completely enveloped. The tree will also overshadow pedestrians using the crossing. d) There is a large shrub growing adjacent to the western side of the crossing. This obstructs intervisibility at the crossing, particularly of school children who may be using the crossing. e) During the site visit it was unclear if there was sufficient lighting to ensure the crossing is suitably illuminated at night.
RSA Recommendation: The following recommendations relate to the specific elements above and are suggested to improve conspicuity of the crossing itself and to improve visibility of pedestrians using the crossing: a) Signing on the approach to the crossing should be rationalised to reduce clutter at the crossing itself. b) The barrier should be relocated so that it doesn't obstruct visibility of the belisha beacon. c) The tree in the western verge should be cut right back to ensure it does not envelop the belisha beacon or cast a shadow on pedestrians using the crossing. d) The large shrub on the western side of the crossing should be removed to improve intervisibility at the crossing. e) The lighting in the vicinity of the crossing should be assessed and improved if necessary to ensure the zebra crossing is suitably illuminated during the hours of darkness.

Design Organisation Response:

Accepted. The proposed amends are shown on the drawing included in Appendix 1.0. The updated Architects Layout is included as Appendix 2.0

a) ***Signing on the approach to the crossing should be rationalised to reduce clutter at the crossing itself***.

- It is proposed to remove the Tesco direction sign and relocate to the lighting column to reduce the clutter (see Appendix 1.0)

b) The barrier should be relocated so that it doesn't obstruct visibility of the belisha beacon.

- The barriers will be redundant as the restaurant would operate 24 hours and therefore access to this part of the car park will be required at all times. It is therefore proposed to remove the barriers as shown on the images in Appendix 1.0 and annotated on the plan in Appendix 2.0.

c) The tree in the western verge should be cut right back to ensure it does not envelop the belisha beacon or cast a shadow on pedestrians using the crossing.

- The tree is subject to a TPO. It is proposed that the tree would be trimmed back as far as is permissible.

d) The large shrub on the western side of the crossing should be removed to improve intervisibility at the crossing.

- It is proposed to remove the shrub as shown on the images in Appendix 1.0.

e) The lighting in the vicinity of the crossing should be assessed and improved if necessary to ensure the zebra crossing is suitably illuminated during the hours of darkness.

- There is an existing lighting column adjacent to the zebra crossing. The effectiveness of this lighting will be enhanced with the removal of the barriers, signage and vegetation. It is considered that the lighting provision is suitable.

Overseeing Organisation Response:

Agreed RSA Action:

Audit Reference 3.2

RSA Problem:

Location: Dropped crossing opposite access to McDonald's restaurant

Summary: Increased risk of visually impaired pedestrians being struck by passing traffic.

There is a dropped crossing tactile paved facility proposed outside the access to the McDonald's restaurant which has no corresponding tactile paved landing opposite. This increases the risk of visually impaired pedestrians crossing the carriageway with no dropped crossing opposite, leaving them stranded in the carriageway, with an increased risk of being struck by passing traffic.

RSA Recommendation:

A tactile paved dropped crossing should be provided on the opposite side to link up with the footway access to the McDonald's Restaurant. This would require the loss of two parking bays to provide a build-out.

Design Organisation Response:

Accepted. The plan in Appendix 2.0 shows the two car parking spaces have been removed to provide a continuous footway link with drop kerbs and tactile paving.

Overseeing Organisation Response:

Agreed RSA Action:

Audit Reference 3.3

RSA Problem: Location: Lighting in the vicinity of the Dropped crossing facilities outside the McDonald's restaurant Summary: Increased risk of pedestrians being struck by passing traffic whilst crossing in during the hours of darkness. During the site visit it was unclear if there was sufficient lighting to ensure all the dropped crossing facilities outside the McDonald's restaurant will be sufficiently illuminated during the hours of darkness. If not, this could increase the risk of pedestrians being struck by passing traffic whilst crossing.
RSA Recommendation: Lighting in the vicinity of the crossings should be assessed and if necessary, additional lighting provided to ensure all the crossings are suitably illuminated during the hours of darkness.
Design Organisation Response: Accepted. The layout has been reviewed by the lighting consultant. Three twin luminaires have been added to the layout to illuminate the pedestrian link to a minimum of 20 lux and would provide high light uniformity levels of between 60-80%. The updated lighting plan is included as Appendix 3.0.
Overseeing Organisation Response:
Agreed RSA Action:

2.2 This completes the review of the matters raised in the Safety Audit and all matters raised have been addressed.

3.0 STATEMENTS

3.1 Design Organisation

3.1.1 The following declaration has been completed on behalf of the design organisation.

Design Organisation Statement

On behalf of the design organisation I certify that: 1) The RSA actions identified in response to the road safety audit problems in this road safety audit have been discussed and agreed with Overseeing Organisation.	
Name:	Catherine Chapman
Signed:	[redacted]
Position:	Director
Organisation:	ADL Traffic and Highways Engineering Ltd
Date:	18 December 2025

3.2 Overseeing Organisation

3.2.1 The following declaration has been completed on behalf of the overseeing organisation.

Overseeing Organisation Statement

On behalf of the design organisation I certify that: 1) The RSA actions identified in response to the road safety audit problems in this road safety audit have been discussed and agreed with the design organisation; and 2) The agreed RSA action will be progressed.	
Name:	
Signed:	
Position:	
Organisation:	
Date:	



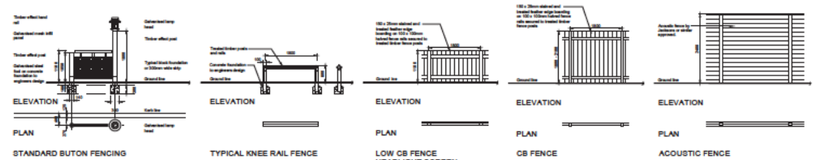
Tesco Crossing as Existing

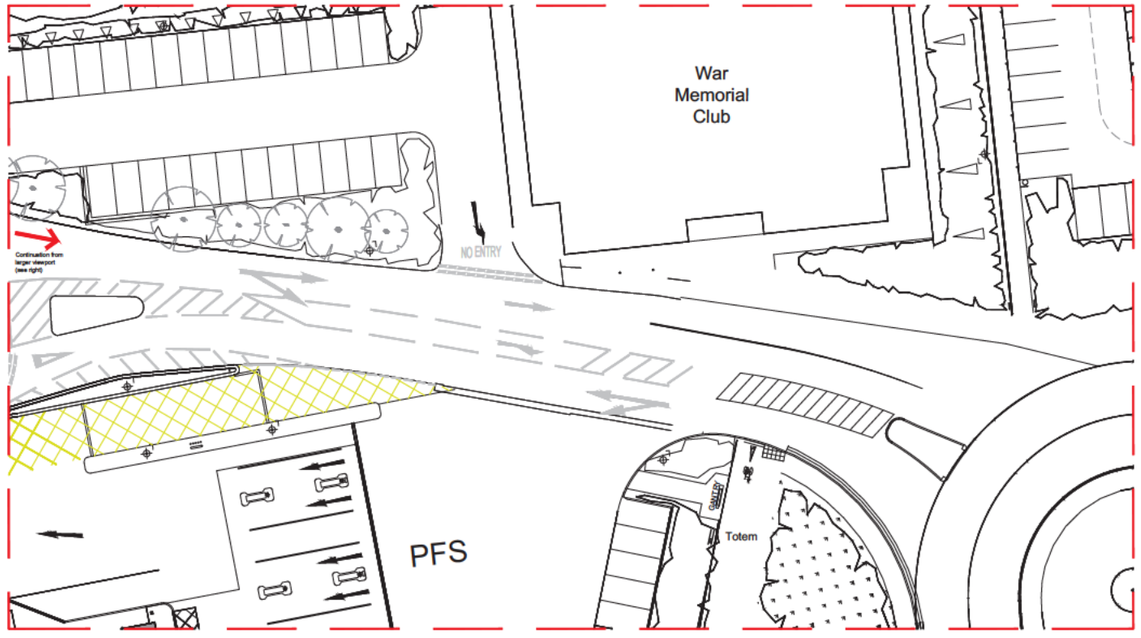


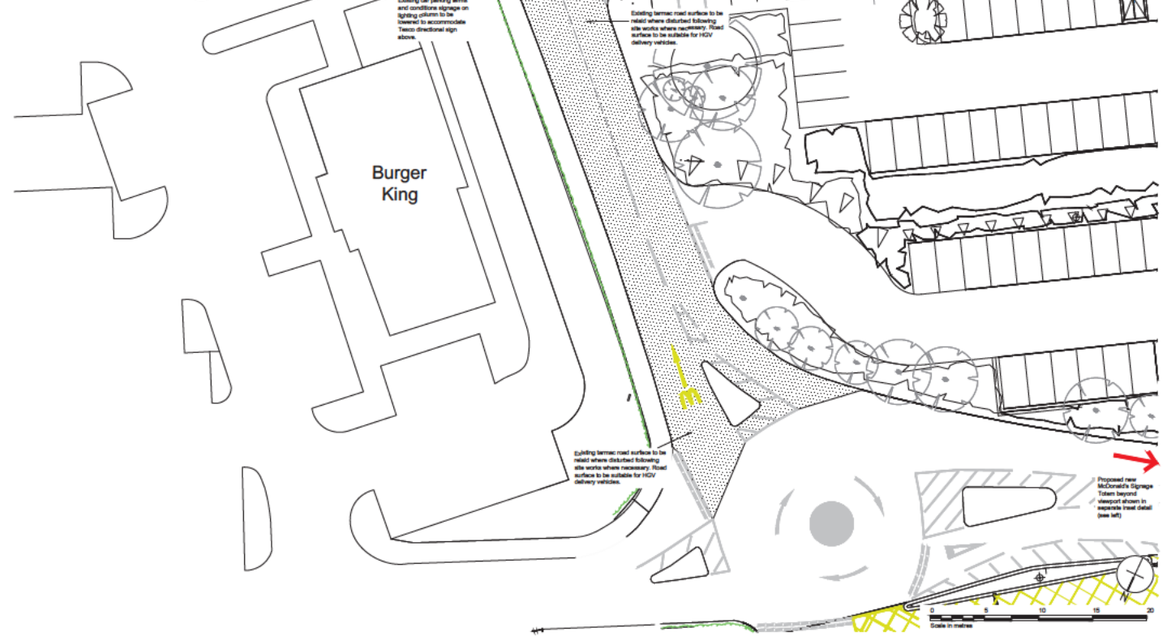
Tesco Pedestrian Crossing as Proposed

- *Night barriers removed*
- *Tesco directional sign moved to lighting column*
- *Tesco parking conditions sign lowered*
- *Tree canopy reduced (general maintenance)*
- *Low level shrub planting removed*
- *Belisha beacon visibility much clearer*

DM 08.12.2025 © Copyright Scurr Architects







Notes
All drawings to be read in conjunction with all other drawings as noted on issue sheet.

Proposed Site Finishes

- Tarmacadam - Car park and footpaths as indicated.
- Charcoal imprinted concrete - Drive thru lane.
- Marshalls 200 x 100mm Charcoal Keyblok paving - Patio & footpaths as indicated.
- Charcoal brushed concrete - drive thru lane and delivery route.
- Brushed concrete - Corral floor slab & Substation / Electrical Kiosks. See Structural Engineers drawings for further details.
- Tactile blister paving.
- Existing Soft landscaping.
- New soft landscaping - refer to Landscape Architect's detailed drawings for further information

External Fixtures & Fittings

Autoform - Range Euroline 3 Mix 2015
Electrogalvanised steel structure, PPC RAL 7022. Table legs made of extruded aluminium, PPC RAL 7022. Table seats & plate in 12mm HPL panel with 12mm beech plywood HPL veneer.
Coffee table, single chair, bench, 2 seat table and round table must be fixed to the ground.

- 2 Seat Rectangular Table.
- 4 seats - Round Table.
- 4 seats - Rectangular Table.
- One Armrest Bench (left or right).
- Coffee Table.
- Single Chair.
- Cycle Stand Stainless steel Sheffield cycle stands @ 800mm centres.
- Pedestrian Guarding 1500mm or 600mm long x 1100mm high. Timber effect galvanised steel.
- Dual Bin with "Tidy Men" Sticker.
- Target Trash Bin Combo Delta Large Aperture Litter Bin by Glasdon. 530mm x 470mm high x 1950mm high. Bin body & door: Black.
- Ash bin
- Existing elements to be removed / demolished.
- Drop kerb - Adjacent to accessible parking, pedestrian crossings and along delivery routes.
- Electricity Kiosk Green Electricity Meter Housing. 2000w x 1000d x 2285mm High. Indicative location only. Position to be agreed with M&E Consultant after service entry positions have been established.
- Cranked Bollard McDonald's standard cranked bollard. 1200mm high, 300mm offset painted white.
- Bollard - Broxap 115mm OD SSS bollard - as door guard - 1000mm high or similar approved.
- CCD. POC Aluminium Speaker Post (RAL 7022 Grey) 530w x 200d x1525mm high with white acrylic Canopy over 2350w x350d x3000mm high.
- Height Restrictor. PRC black 150mm dia circular hollow section steel 'Goal Post' height restrictor with warning bar suspended on chains. With panel above to read "Maximum Height 2.7m / 8' 10" " White text on green background. O/A size = 4000mm wide x 3200mm high
- CP1 — Luma Gen2 Medium BGP704 80 LED DM50 15 SKLM WW 3000K. Lamp(s): LED-HB 5 25 730. Mounting Height= 6m
- DT — Luma Gen2 Mini BGP703 40 LED DM10 7 SKLM WW 3000K. Lamp(s): LED-HB 5 25 730. Mounting Height= 6m
- DT BL2 — Luma Gen2 Mini BGP703 40 LED DM10 BL2 7 SKLM WW 3000K. Lamp(s): LED-HB 5 25 730. Mounting Height= 6m
- CP2 — Luma Gen2 Medium BGP704 80 LED DX80 15 SKLM WW 3000K. Lamp(s): LED-HB 5 25 730. Mounting Height= 6m

Refer to LALK / Signify External Lighting latest detailed drawing REF: 161288/1_DWG_McDonalds Wrexham Texaco' for more information.

- ANPR Camera Automatic Number Plan Recognition Camera mounted to high level column.

Road Marking Notes

Golden arch road markings to be yellow thermoplastic.
Drive thru related road markings to be yellow thermoplastic.
Accessible parking bays to be lined in yellow thermoplastic - to current Part M standards.
Parked order bays and numbers to be lined in yellow thermoplastic.
All other road markings to be white thermoplastic material unless otherwise stated.

REV	DATE	DESCRIPTION	BY
P	04.12.25	Pedestrian crossing amendments updated to include new maintenance & access removed. Existing Tesco sign post removed and signage relocation at pedestrian crossing link. Existing Tesco sign post to be relocated to adjacent lighting for removal. External lighting layout updated to latest Signify / LALK R1 proposal.	DM
O	16.12.25	Pedestrian crossing link & tactile paving updated. Lockable BLO entrance. 2No. additional Tesco key boxes. BLO entrance gate added. Existing Tesco directional signage & landscape adjusted to suit.	DM
N	10.06.25	CCD Approved	DPB
D	03.06.25	Retained lighting updated Golden Arch Road Marking.	DM
C	17.01.25	Bollards & kiosk removed.	DM
B	16.10.24	New Bollardsion, and formal Electrical Kiosk & ANPR camera post added. Hardstanding & tarmac updated. Banner Totem & Totem position adjusted to suit.	DM
A	13.09.24	Amendments to pedestrian access routes & crossing as per ACL feedback.	DM

PROPOSED DEVELOPMENT AT
TESCO, Crescent Road
WREXHAM LL13 8HF
SITE No :-
87.240

ON BEHALF OF :-
McDonald's Restaurants Ltd

DRAWING TITLE :-
Site Layout Plan
As Proposed

SCALE @ A1	DRAWN BY	CHECKED BY
1:200@A2	DM	DPB
DRAWING No.		
7811-SA-2543-P1004 G		
DATE		
SEP 2024		

NG100

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LiAS Design Notes

This preliminary design is produced by the Lighting Application Specialist (LiAS) team of Signify UK based on information supplied by the Customer for the purpose of identifying suitable products and costing the proposal. This design cannot be used for Construction, as this design does not purport to eliminate health and safety risks as a CDM Regulation risk assessment has not been undertaken.

Depending on the level of information received, a number of assumptions may have been applied in order to create an indicative lighting proposal and costing model, according to lighting industry guidelines and incorporating industry best practice methods. These assumptions are documented below and will require confirmation by the Principle Designer (which is not Signify UK) during the detailed design phase.

Generic Assumptions (unless specifically informed differently)

- Preliminary Design proposals produced by the Signify LiAS Team are not to be used for installation purposes. It is the responsibility of the Principle Designer and/or Principle Contractor to ensure all Installation and Maintenance can be done in a safe manner, carried out by competent persons, based on their agreed Risk Assessments and Method Statements.
- The Luminaire Maintenance Factors have been based on 6-year cleaning intervals within an E3/E4 Environmental Zone and it is assumed that lamp/luminaire failures will be replaced on a 'spot replacement'.
- Energy consumptions have been based on the luminaire/s having Constant Light Output (CLO) enabled and the quoted wattage/s are the average over 100,000 hours (without dimming).
- The design calculations produced by Signify do not account for the effect obstructions, such as trees, will cause.
- Signify has not been provided with utility plans showing Buried, Above Ground or Overhead utilities. Therefore, all column/luminaire locations are indicative and are subject to review/verification by the Principle Designer.
- Unless stated otherwise, Signify has not visited site. Therefore, all column/luminaire locations are indicative and are subject to an onsite verification arranged/performed by the Principle Designer.
- Signify has not produced any Private Cable Network electrical calculations or reviewed the DNO network to confirm power supplies to the proposed lighting.
- Signify has not performed any asset condition testing and therefore assumes that any existing lighting columns/wall mounted brackets are structurally capable of supporting the weight & windage of the proposed luminaire/s. This must be verified by the Principle Designer before installation works commence.
- Unless stated otherwise, Signify is not supplying the new lighting columns (including brackets etc) and therefore it is the responsibility of the Principle Designers to confirm that all proposed equipment is suitable for the intended locations (e.g. raise & lower, ground condition, foundation type, saline environment, etc).
- Unless stated otherwise, luminaires will be supplied in their standard colour.

Luminaire Schedule

CP1
Luma Gen2 Medium BGP704 80 LED DW50 15.5KLM WW 3000K
lamp(s): LED-HB 5.2S 730
candela file 'Luma Gen2 Medium_BGP704_DW50_15500_80LED_5.2S_CLO_L90_730.ies'
1 lamp(s) per luminaire, 15500 initial lumens per lamp
Maintenance Factor = 0.760, watts per luminaire = 91
Outreach (from mounting axis to photometric center)= 400 mm
mounting height= 6 m
number locations= 4, number luminaires= 4

DT
Luma Gen2 Mini BGP703 40 LED DM10 7.5KLM WW 3000K
lamp(s): LED-HB 5.2S 730
candela file 'Luma Gen2 Mini_BGP703_DM10_7500_40LED_5.2S_CLO_L90_730.ies'
1 lamp(s) per luminaire, 7500 initial lumens per lamp
Maintenance Factor = 0.760, watts per luminaire = 44
Outreach (from mounting axis to photometric center)= 400 mm
mounting height= 6 m
number locations= 2, number luminaires= 2

DT BL2
Luma Gen2 Mini BGP703 40 LED DM10 BL2 7.5KLM WW 3000K
lamp(s): LED-HB 5.2S 730
candela file 'Luma Gen2 Mini_BGP703_DM10 BL2_7500_40LED_5.2S_CLO_L90_730.ies'
1 lamp(s) per luminaire, 7500 initial lumens per lamp
Maintenance Factor = 0.760, watts per luminaire = 44
Outreach (from mounting axis to photometric center)= 400 mm
mounting height= 6 m
number locations= 5, number luminaires= 5

CP2
Luma Gen2 Medium BGP704 80 LED DX50 15.5KLM WW 3000K
lamp(s): LED-HB 5.2S 730
candela file 'Luma Gen2 Medium_BGP704_DX50_15500_80LED_5.2S_CLO_L90_730.ies'
1 lamp(s) per luminaire, 15500 initial lumens per lamp
Maintenance Factor = 0.760, watts per luminaire = 91
Outreach (from mounting axis to photometric center)= 400 mm
mounting height= 6 m
number locations= 3, number luminaires= 3

Car Park
389 points at z=0, sp 1.5m by 1.5m
HORIZONTAL LUX

Average	27.46
Maximum	75.42
Minimum	7.44
Min/Avg(Uo)	0.271
Min/Max	0.099
Coef Var	0.542
UnifGrad	1.43

Drive Thru
275 points at z=0, sp 1.5m by 1.5m
HORIZONTAL LUX

Average	29.66
Maximum	85.17
Minimum	7.69
Min/Avg(Uo)	0.259
Min/Max	0.090
Coef Var	0.421
UnifGrad	1.86

Pedestrian Crossing 1
11 points at z=0, sp 1m by 1m
HORIZONTAL LUX

Average	27.38
Maximum	30.06
Minimum	24.20
Min/Avg(Uo)	0.884
Min/Max	0.805
Coef Var	0.063
UnifGrad	1.13

Pedestrian Crossing 3
10 points at z=0, sp 1m by 1m
HORIZONTAL LUX

Average	33.81
Maximum	42.88
Minimum	25.97
Min/Avg(Uo)	0.768
Min/Max	0.606
Coef Var	0.177
UnifGrad	1.14

Pedestrian Crossing 2
12 points at z=0, sp 1m by 1m
HORIZONTAL LUX

Average	23.68
Maximum	25.98
Minimum	21.36
Min/Avg(Uo)	0.902
Min/Max	0.822
Coef Var	0.059
UnifGrad	1.12

Pedestrian Crossing 4
9 points at z=0, sp 1m by 1m
HORIZONTAL LUX

Average	23.62
Maximum	26.46
Minimum	19.89
Min/Avg(Uo)	0.842
Min/Max	0.752
Coef Var	0.086
UnifGrad	1.14

Lighting Proposal Terms and Conditions of Use

These terms apply to the use of this preliminary proposal produced by Signify UK. This "**Proposal**" is understood to mean this document, a CAD drawing, lighting calculations, written documents, verbal conversations or any medium used to demonstrate or communicate the proposed lighting scheme using products from Signify's brands. A "**Customer**" is the person or organisation for whom the Proposal is intended. The "**CDM Regulations**" means The Construction, Design and Management Regulations 2015, the Safety, Health & Welfare at Work Act 2005, The Construction (Design & Management) Regulations (Northern Ireland) 2015.

This Proposal is for guidance only and cannot be relied upon for purposes of installation or Health and Safety.

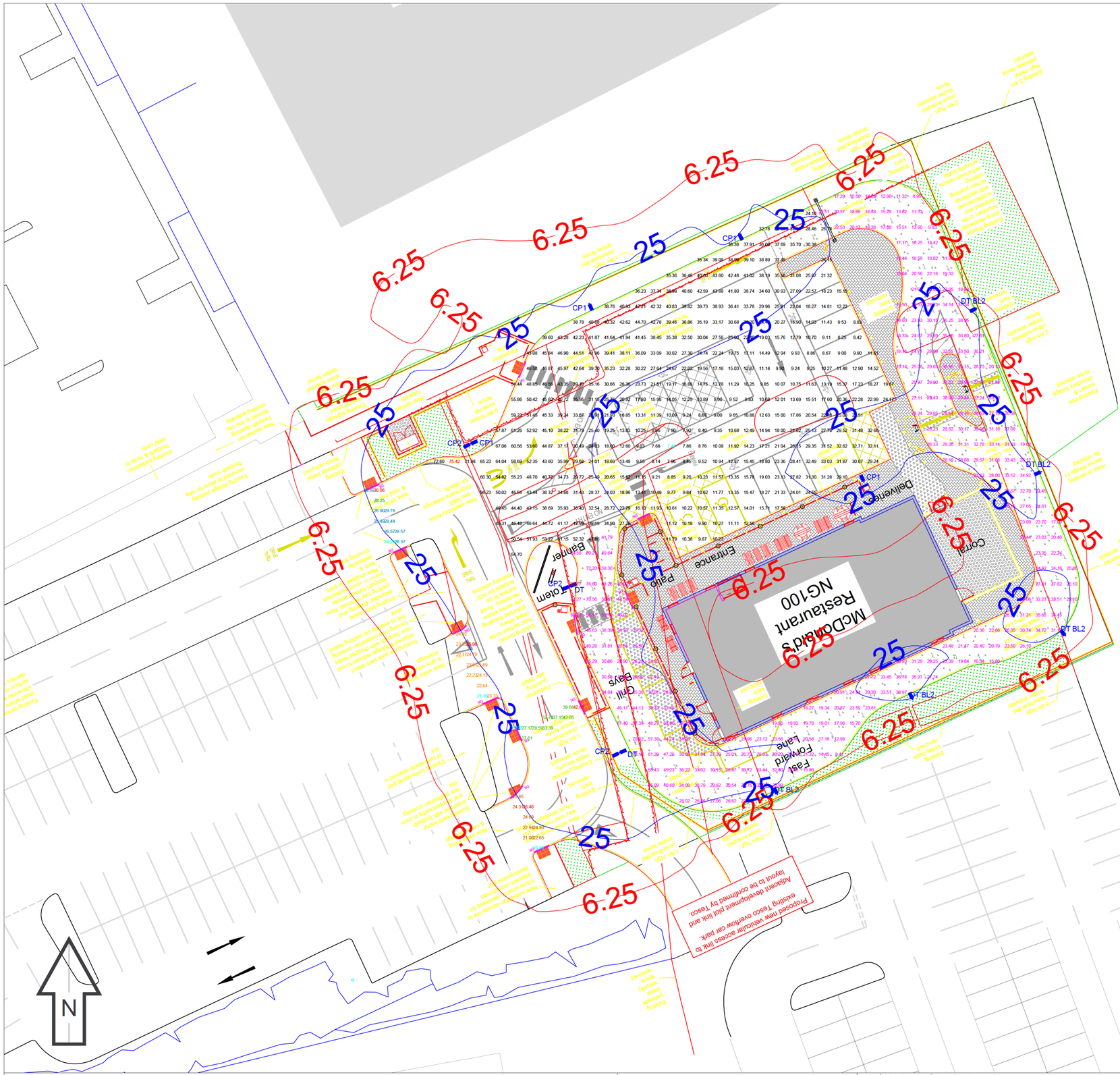
The supply and installation of this lighting scheme are subject to a contract being agreed between Customer and Signify.

PROPOSAL
(NOT FOR CONSTRUCTION)

Rev	DSR no.	Comment	Date	LiAS	KAM
0	6128881	INITIAL PROPOSAL	24.03.25	CP	LC
1	6642386	NEW LAYOUT	17.12.25	CP	LC

Project Number: 501734912
Scale & Sheet Size: NTS @ A3
Sheet No: DWG 00

Project Name: MCDONALDS WREXHAM TESCO
Drawing Name: LiAS DESIGN NOTES & LUMINAIRE SCHEDULE



Key:

CP1
Luma Gen2 Medium BGP704 80 LED DW50 15.5KLM WW 3000K
lamp(s): LED-HB 5.2S 730
candela file 'Luma Gen2 Medium_BGP704_DW50_15500_80LED_5.2S_CLO_L90_730.ies'
1 lamp(s) per luminaire, 15500 initial lumens per lamp
Maintenance Factor = 0.760, watts per luminaire = 91
Outreach (from mounting axis to photometric center)= 400 mm
mounting height= 6 m
number locations= 4, number luminaires= 4

DT
Luma Gen2 Mini BGP703 40 LED DM10 7.5KLM WW 3000K
lamp(s): LED-HB 5.2S 730
candela file 'Luma Gen2 Mini_BGP703_DM10_7500_40LED_5.2S_CLO_L90_730.ies'
1 lamp(s) per luminaire, 7500 initial lumens per lamp
Maintenance Factor = 0.760, watts per luminaire = 44
Outreach (from mounting axis to photometric center)= 400 mm
mounting height= 6 m
number locations= 2, number luminaires= 2

DT BL2
Luma Gen2 Mini BGP703 40 LED DM10 BL2 7.5KLM WW 3000K
lamp(s): LED-HB 5.2S 730
candela file 'Luma Gen2 Mini_BGP703_DM10 BL2_7500_40LED_5.2S_CLO_L90_730.ies'
1 lamp(s) per luminaire, 7500 initial lumens per lamp
Maintenance Factor = 0.760, watts per luminaire = 44
Outreach (from mounting axis to photometric center)= 400 mm
mounting height= 6 m
number locations= 5, number luminaires= 5

CP2
Luma Gen2 Medium BGP704 80 LED DX50 15.5KLM WW 3000K
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Maintenance Factor = 0.760, watts per luminaire = 91
Outreach (from mounting axis to photometric center)= 400 mm
mounting height= 6 m
number locations= 3, number luminaires= 3

Car Park 389 points at z=0, sp 1.5m by 1.5m HORIZONTAL LUX	
Average	27.46
Maximum	75.42
Minimum	7.44
Min/Avg(Uo)	0.271
Min/Max	0.099
Coef Var	0.542
UnifGrad	1.43

Drive Thru 275 points at z=0, sp 1.5m by 1.5m HORIZONTAL LUX	
Average	29.66
Maximum	65.17
Minimum	7.69
Min/Avg(Uo)	0.259
Min/Max	0.090
Coef Var	0.421
UnifGrad	1.86

Pedestrian Crossing 1 11 points at z=0, sp 1m by 1m HORIZONTAL LUX	
Average	27.38
Maximum	30.06
Minimum	24.20
Min/Avg(Uo)	0.884
Min/Max	0.805
Coef Var	0.063
UnifGrad	1.13

Pedestrian Crossing 3 10 points at z=0, sp 1m by 1m HORIZONTAL LUX	
Average	33.81
Maximum	42.88
Minimum	25.97
Min/Avg(Uo)	0.768
Min/Max	0.606
Coef Var	0.177
UnifGrad	1.14

Pedestrian Crossing 2 12 points at z=0, sp 1m by 1m HORIZONTAL LUX	
Average	23.68
Maximum	25.98
Minimum	21.36
Min/Avg(Uo)	0.902
Min/Max	0.822
Coef Var	0.059
UnifGrad	1.12

Pedestrian Crossing 4 9 points at z=0, sp 1m by 1m HORIZONTAL LUX	
Average	23.62
Maximum	26.46
Minimum	19.89
Min/Avg(Uo)	0.842
Min/Max	0.752
Coef Var	0.086
UnifGrad	1.14

Signify
PHILIPS interact MODULAR ILTI LUCE

Notes:

1) Unless agreed otherwise, the lighting proposal produced by the Lighting Application Specialist (LiAS) team of Signify UK&I is not intended for construction purposes, as it does not take into account the elimination of health and safety risks at this stage. For further details please refer to sheet number **DWG 00**

2) Do not scale for this drawing

PROPOSAL
(NOT FOR CONSTRUCTION)

Rev	DSR no.	Comment	Date	LiAS	KAM
0	6128881	INITIAL PROPOSAL	24.03.25	CP	LC
1	6642386	NEW LAYOUT	17.12.25	CP	LC

Project Number
501734912

Scale & Sheet Size
1:200 @ A1

Sheet No
DWG 01

Project Name
MCDONALDS WREXHAM TESCO

Drawing Name
PROPOSED LIGHTING LAYOUT