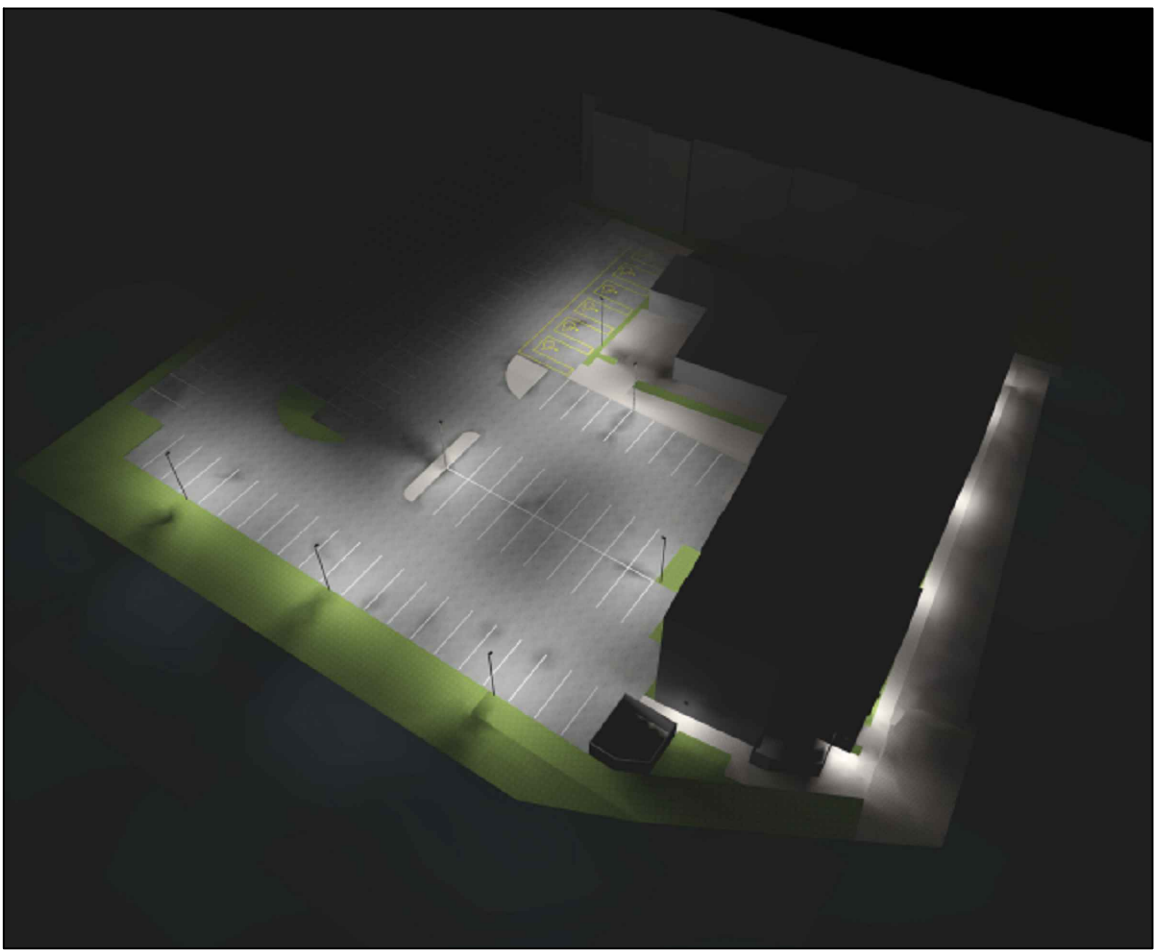
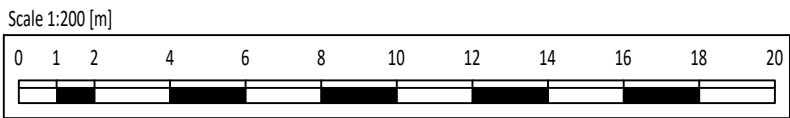
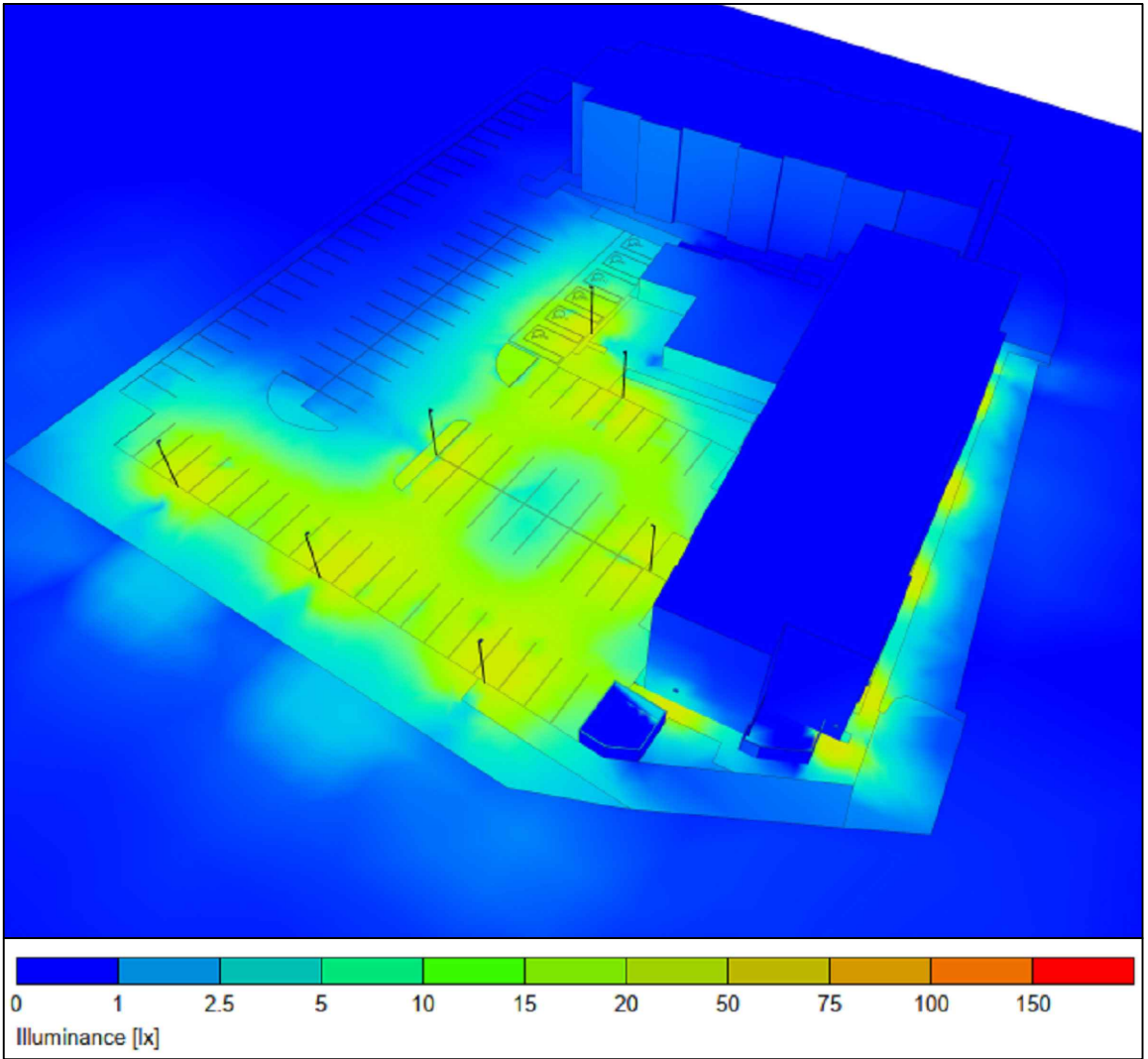




SITE PLAN (1:200)
EXTERNAL LIGHTING LAYOUT



HOTEL EXTENSION CARPARK - ILLUMINATION VIEW N.T.S



HOTEL EXTENSION CARPARK - PSEUDO COLOURS VIEW N.T.S

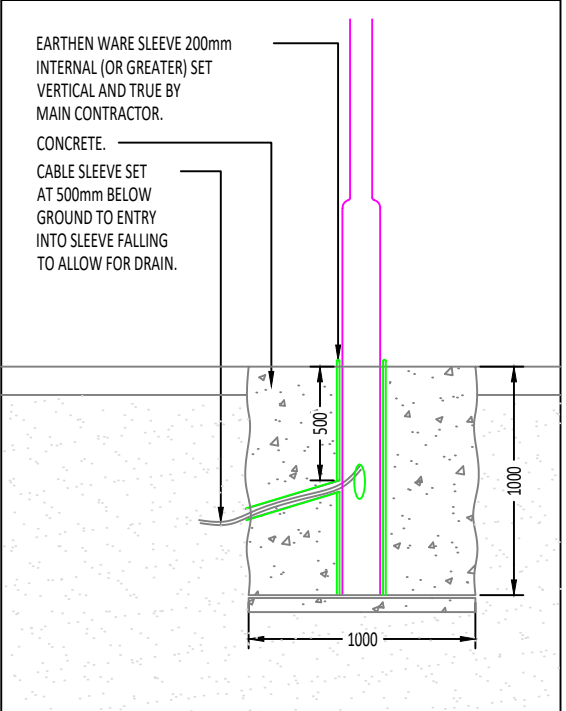
SYMBOL	DESCRIPTION	LAMP	MANUFACTURER REF
A	EXTERNAL LED 8m COLUMN MOUNTED LAMP	27W 3074lm 120lm/W	ANSELL LIGHTING REF: AONLED/2
B	EXTERNAL SURFACE MOUNTED LED LAMP WITH INTEGRAL EMERGENCY BACKUP	4.4W 500lm 127lm/W	WHITECROFT REF: ATRA

A - ANSELL AONIX LED/2

SYMBOL	DESCRIPTION	LAMP	MANUFACTURER REF
B	EXTERNAL SURFACE MOUNTED LED LAMP WITH INTEGRAL EMERGENCY BACKUP	4.4W 500lm 127lm/W	WHITECROFT REF: ATRA

B - WHITECROFT ATRA

SYMBOL	DESCRIPTION
---	EXISTING UNDERGROUND HIGH VOLTAGE ELECTRICITY CABLE ROUTE 600mm BELOW GROUND LEVEL
---	PROPOSED UNDERGROUND HIGH VOLTAGE ELECTRICITY CABLE ROUTE 600mm BELOW GROUND LEVEL
---	EXISTING UNDERGROUND LOW VOLTAGE ELECTRICITY CABLE ROUTE 450mm BELOW GROUND LEVEL
---	PROPOSED UNDERGROUND LOW VOLTAGE ELECTRICITY CABLE ROUTE 450mm BELOW GROUND LEVEL
---	EXISTING UNDERGROUND LV CABLE ROUTE FOR EXTERNAL LIGHTING COLUMNS
---	PROPOSED UNDERGROUND LV CABLE ROUTE FOR EXTERNAL LIGHTING COLUMNS
---	EXISTING UNDERGROUND MAINS COLD WATER PIPE ROUTE 750mm BELOW GROUND LEVEL
---	PROPOSED UNDERGROUND MAINS COLD WATER PIPE ROUTE 750mm BELOW GROUND LEVEL



TYPICAL COLUMN INSTALLATION DETAIL N.T.S

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- NOTES
- LIGHTING DESIGN
- WITHIN THE PROPOSED SCHEME, THERE IS A REQUIREMENT FOR LIGHTING TO THE CAR PARK OF THE CONTINENTAL APPROACH, THEREFORE THE FOLLOWING WORKS WILL BE REQUIRED:
- DUE TO THE NEW PROPOSED EXTENSION CAR PARK, 7x NEW LIGHTING COLUMNS & 7x NEW BUILDING MOUNTED LUMINAIRES ARE REQUIRED TO ACHIEVE THE REQUIRED LIGHTING LEVELS. SEE SITE LAYOUT FOR DETAILS.
 - ALL EXTERNAL LIGHTING COLUMNS ARE TO BE CONTROLLED VIA A 24/7 TIME CLOCK IN CONJUNCTION WITH A PHOTOCELL. BUILDING MOUNTED ESCAPE ROUTE LIGHTS ARE TO BE CONTROLLED VIA A PI SENSOR IN CONJUNCTION WITH A 24/7 TIME CLOCK & PHOTOCELL.
 - WITH RESPECT TO THE OVERALL ASSESSMENT AND CALCULATIONS CARRYOUT, THE EXTERNAL LIGHTING INDICATED AND POLLUTION LEVELS ARE NOT INFLUENCED BY THE PROPOSED NUMBER AND LOCATIONS OF LIGHTING COLUMNS.
 - IN SUMMARY IT'S OUR CONSIDERED OPINION THAT THE NEW LIGHTING WILL HAVE MINIMAL LIGHTING IMPACT TO THE SURROUNDING AREAS.

BS5489 PROVIDE GUIDELINES FOR LIGHTING PERFORMANCE CRITERIA. THE FOLLOWING ASSUMPTIONS ARE MADE:

- THE AREA TO BE ILLUMINATED IS CLASSIFIED AS A MIXED VEHICULAR AND PEDESTRIAN AREA ON THE SAME SURFACE

NOTE - THE LIGHTING SCHEME IS TO COMPLY WITH THE ILP GUIDANCE FOR THE REDUCTION OF OBSTRUCTIVE LIGHT GN01.2021



TLP LAYOUTS FOR TENDER PURPOSES ONLY
CONSTRUCTION DRAWINGS TO BE PROVIDED
BY THE M&E CONTRACTOR.

REV	DESCRIPTION	DRN	CHK	DATE
T3	UPDATED TO SUIT ECOLOGY SCHEME & LATEST SITE PLAN	LM	PDB	02.04.26
T2	UPDATED TO SUIT LATEST ARCHITECT LAYOUT	PDB	JH	17.11.25
T1	STAGE 4 ISSUE	LM	JH	13.08.25

STAGE 4

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TLP Project No: C8867
Project Name: Premier Inn Burgess Hill
Charles Ave, Burgess Hill RH15 9TQ

Drawing Title
Site Plan
External Lighting Layout

Engineer: LM
Checked by: JH
Drawn By: LM

Date: 26.03.25
Scale: 1:200
Size: A1

Drawing Number
Project: C8867
Originator: TLP
Volume: 00
Level: -XX-
Type: DR
Role: E
Number: 901
Revision: T3