Lighting Fixture Schedule

Image	Type Mark	Symbol	Manufacturer	Model	Description	Count
	EX.1E		PERFORMANCE IN LIGHTING	QUASAR 60	19W LED wall mounted luminaire. 3-hour DALI Emergency version. 1631lm, 3000k,Grey Aluminium RAL 9007.	17
	EX.2		THORN LIGHTING	AREAFLOOD PRO SMALL	55W LED, DALI, 8605lm, 3000K, Grey Aluminium RAL 9007.	3
	EX.3E		WE-EF LIGHTING	VFL520	13.9W LED, DALI, 1860lm, 3000K, Grey Aluminum RAL 9007.	4

EX.3E
DBLP1-19L2

EX.3.E LUMINAIRES TO BE MOUNTED IN SOFT DIG

EX.3E
DBLP1-19L2

EX.3E
DBLP1-19L2

EX.3E
DBLP1-19L2

EX.1E TO BE WALL MOUNTED @3M AFFL.

DBLP1-18L3
EX.1E

DBLP1-18L3
EX.1E

DBLP1-18L3
EX.1E

DBLP1-18L3
EX.1E

DBLP1-18L3
EX.1E

DBLP1-18L3
EX.1E

ILLUMINATED SIGNAGE
REFER TO SMALL POWER LAYOUT FOR SUPPLY DETAILS
FINAL POSITION TBC.
DBLP1-20L1

EX.1E TO BE WALL MOUNTED @5M AFFL.

ILLUMINATED SIGNAGE
REFER TO SMALL POWER LAYOUT FOR SUPPLY DETAILS
FINAL POSITION TBC.
DBLP1-19L3

NOTE EX.2 LUMINARIES TO BE MANUALLY SWITCHED VIA SWITCH LOCATED IN LOBBY.

EX.1E
DBLP1-18L3

EX.2
DBLP1-20L2

EX.1E
DBLP1-18L3

EX.2
DBLP1-20L2

EX.1E
DBLP1-19L1

EX.2
DBLP1-20L2

EX.1E
DBLP1-19L1

DBLP1-18L3
EX.1E

DBLP1-18L3
EX.1E

EX.1E & EX.2 TO BE WALL MOUNTED @5M AFFL.

EX.1E TO BE WALL MOUNTED @5M AFFL.

EX.1E
DBLP1-19L1

EX.1E
DBLP1-19L1

EX.1E
DBLP1-19L1

EX.1E
DBLP1-19L1

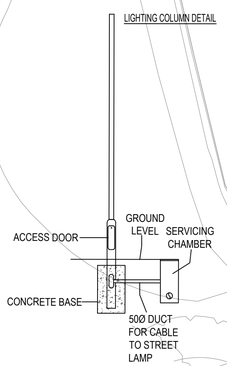
EX.1E
DBLP1-19L1

EX.1E
DBLP1-19L1

NOTE: LIGHTING REQUIREMENT TO THIS AREA TBC AS NOT INCLUDED FOR AS PER THE MAX FORDHAM DESIGN INTENT DRAWINGS

NOTE: LIGHTING REQUIREMENT TO THIS AREA TBC AS NOT INCLUDED FOR AS PER THE MAX FORDHAM DESIGN INTENT DRAWINGS

LIGHTING COLUMN DETAIL



NOTE: ROOT DEPTH SHOULD BE AS SPECIALIST RECOMMENDATIONS FOR 4M COLUMN

LINKED MODELS

EXTERNAL LIGHTING NOTES:

1. ALL DIMENSIONS ARE IN MM.
2. THE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS,DRAWINGS AND SCHEDULES.
3. TO BE READ IN CONJUNCTION WITH THE LUMINAIRE SCHEDULE.
4. EXTERNAL LIGHTING HAS BEEN DESIGNED IN LINE WITH BSEN 12461-2.
5. ALL COLUMNS TO SITE BOUNDARY NEAR SENSITIVE AREAS SHALL BE PROVIDED WITH BAFFLES AND HOODS TO PREVENT BACKWARDS AND UPWARD LIGHT SPILL.
6. ALL EXTERNAL LIGHTING SHALL BE CONTROLLED VIA PHOTOCELL AND TIME CLOCK ARRANGEMENT WITH OVERRIDE BY THE LIGHTING CONTROL SYSTEM, AND LINKED TO THE CCTV SYSTEM SUCH THAT THE LUMINARIES MAY BE ILLUMINATED OUT OF HOURS AS PART OF THE SECURITY SCHEME.
7. ALL CAR PARK AND BUILDING MOUNTED LIGHTING SHALL BE DIMMABLE AND SET TO DIM DURING CURFEW HOURS.
8. LIGHTING CUREW HOURS SHALL BE BETWEEN 22.00 AND 06.00 HOURS FOR GENERAL LIGHTING WITH FIXTURES TURNED OFF COMPLETELY.
9. LIGHTING COLUMNS ARE TO BE OF THE HINGED TYPE.
10. THIS DRAWING IS TO BE READ IN CONJUCTION WITH THE GW EXTERNAL SERVICES LAYOUT 22049-GWC-ZZ-ZZ-DR-ME-0100.

TARGET ILLUMINATION LEVELS ARE AS LISTED BELOW:

PEDESTRIAN PATHS - 10 LUX 0.25Uo
PERIMETER BUILDING LIGHTING - 5 LUX 0.25Uo
LOADING APRON - 50 LUX 0.4Uo

ISOLINES
- 1.0 lx
- 2.0 lx
- 5.0 lx
- 10.0 lx
- 15.0 lx
- 20.0 lx
- 25.0 lx
- 30.0 lx
- 50.0 lx
- 100.0 lx

REV	DATE	DESCRIPTION	DRN	CHKD
C02	25/05/23	FOR CONSTRUCTION	KL	DF
C01	12/05/23	FOR CONSTRUCTION	KL	DF
P02	03/03/23	FOR REVIEW & COMMENT	KL	DF
P01	20/01/23	FOR REVIEW & COMMENT	KL	DF

^^^REVISION HISTORY^^^

DRAWING TITLE:
EXTERNAL LIGHTING LAYOUT SHEET 1 OF 1

DRAWING NUMBER:
22049-GWC-ZZ-00-DR-E-1103

REV:	STAGE:	STATUS:
C02	STAGE 4	A5

STATUS DESCRIPTION:
FOR CONSTRUCTION

DATE:	SCALE (@A1):	DRAWN BY:	CHECKED BY:
MAY 23	1:200	KL	DF

CLIENT PROJECT NUMBER:	GWC PROJECT NUMBER:
047876	22049

PROJECT NAME:
NRM LOCOMOTION BUILDING TWO

PROJECT ADDRESS:
NATIONAL RAILWAY MUSEUM
SHILDON
DL4 2RE

CLIENT:
NATIONWIDE ENGINEERING

GREENWEBB CONSULTING ENGINEERS
Eastlands Business Park, St Peter Road, Rugby, Warwickshire, CV21 3QP
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DO NOT SCALE FROM THIS DRAWING

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