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All scaled dimensions taken from this drawing are to be verified on site

HEALTH AND SAFETY INFORMATION

Standard hazards and risks may not necessarily be identified on this drawing. The caution symbols that are identified, but not limited to, related to specific hazards and risks associated with this type of project..

Reference should be made to the DRA for further details.

DRA Ref No.	Description

It is assumed that all works shall be undertaken by a competent contractor working, where appropriate, to an approved method statement.

NOTES

1. ELECTRICAL CONTRACTOR TO VERIFY LIGHTING DESIGN PRIOR TO INSTALLATION. THIS IS IS ONLY A CONCEPTUAL DESIGN.
2. ELECTRICAL CONTRACTOR TO READ THIS DRAWING IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS.
3. ELECTRICAL CONTRACTOR TO ENSURE THE CAR PARK LUMINAIRES ARE INSTALLED TO COORDINATE WITH THE PARKING LOCATIONS.
4. ELECTRICAL CONTRACTOR TO ENSURE CABLES AND LIGHTING COLUMNS ARE LOCATED SUCH THAT THEY WILL NOT BE AFFECTED BY THE FUTURE GROWTH OF THE TREE ROOT, ETC, IN THE AREA OF THE CAR PARK.
5. THE LIGHTING DESIGN TO COMPLY WITH THE CIBSE GUIDE LG06 THE OUTDOOR ENVIRONMENT, AND THE ILP GUIDANCE NOTES FOR REDUCTION OF OBTRUSIVE LIGHT, 2021 AND ALL LATEST ADDITIONS.
6. LUMINAIRE COLOURS TO MATCH CLADDING / BUILDING COLOURS AND COLUMN COLOURS.
7. ALL LUMINAIRE TO HAVE A COLOUR TEMPERATURE OF 3000K.



REFERENCE 'EX1 - EX4'
LUMINAIRE AS OF HOLOPHANE 'D-SERIES'
TO BE BUILDING / COLUMN MOUNTED



REFERENCE 'EX5'
LUMINAIRE AS OF HOLOPHANE 'CITYMAX'
TO BE COLUMN MOUNTED



REFERENCE 'EX6 & EX8'
LUMINAIRE AS OF HOLOPHANE 'DENVER ID WALL'
TO BE BUILDING MOUNTED



REFERENCE 'EX7'
LUMINAIRE AS OF HOLOPHANE 'ID BOLLARD'



REFERENCE 'EX9'
LUMINAIRE AS OF HOLOPHANE 'ASTER LARGE'
TO BE CEILING RECESSED

LEGEND

- EX1 BUILDING MOUNTED D-SERIES, 3000K, 22,000 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 169
- EX2 COLUMN MOUNTED D-SERIES, 3000K, 18,000 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 130
- EX3 COLUMN MOUNTED D-SERIES, 3000K, 8,000 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 56
- EX4 BUILDING MOUNTED D-SERIES, 3000K, 8,000 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 56
- EX5 COLUMN MOUNTED CITYMAX, 3000K, 9,000 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 75
- EX6 BUILDING MOUNTED ID WALL, 3000K, 3,000 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 25
- EX7 BOLLARD 3000K 1,000 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 120
- EX8 BUILDING MOUNTED ID WALL, 3000K, 2,500 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 18
- EX9 CEILING RECESSED ASTER LARGE, 3000K, 2,065 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 30

'FWE'	DENOTES FORWARD THROW EXTENSIVE
'FW'	DENOTES FORWARD THROW
'AY'	DENOTES ASYMMETRIC OPTIC
'SY'	DENOTES SYMMETRIC OPTIC
'RCCO'	DENOTES RIGHT CORNER CUT-OFF OPTIC
'BLS'	DENOTES FITTED WITH BACKWARDS LIGHT SHIELD
'BLC'	DENOTES BACK LIGHT CUT-OFF OPTIC
'MH'	DENOTES MOUNTING HEIGHT
'TILT'	DENOTES TILT ANGLE
'CM'	DENOTES CEILING MOUNTED
'CR'	DENOTES CEILING RECESSED

IMPORTANT NOTICE

THIS IS A DESIGN CONCEPT DRAWING FOR A DESIGN AND BUILD CONTRACT. IT ILLUSTRATES THE PRINCIPLES OF DESIGN FOR DEVELOPMENT OF THE SCHEME BY THE BUILDING SERVICES CONTRACTOR. IT DOES NOT SHOW ALL ITEMS OF EQUIPMENT, DISTRIBUTION, OUTLETS, SERVICES POSITIONS ETC. THE BUILDING SERVICES CONTRACTOR SHALL MAKE SUFFICIENT ALLOWANCES WITHIN THEIR TENDER TO COMPLY WITH THE EMPLOYERS REQUIREMENTS IN FULL USING THE PRINCIPLES ILLUSTRATED. ALL DESIGN RESPONSIBILITY TO ACHIEVE THE DESIGN CRITERIA WITHIN THE TENDER DOCUMENTATION SHALL BE DEEMED TO HAVE BEEN INCLUDED BY THE BUILDING SERVICES CONTRACTOR.

REV	DATE	DESCRIPTION	BY	VE
P02	02/11/2026	FOR PLANNING	CJ	DT
P01	30/10/2026	PRELIMINARY ISSUE	CJ	DT

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RIBA Stage

STAGE 3

Status

FOR PLANNING

Client

Firethorn

Project

UNIT 1
BARDON, COALVILLE

Drawing Title

UNIT 1
EXTERNAL LIGHTING CONCEPT PHILOSOPHY

Scale (A0)	Date	By	Ve
1:500	OCT '26	DW	CJ

Proj ID	Originator	Functional	Spatial	Form	Discipline	Number	Suitability	Revision
260222	CPW	01	XX	DR	E	307101	S3	P02

260222-CPW-01-XX-DR-E-307101 S3 P02

CPW Project No. 26022

Linked Files