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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 & ELECTRIC VEHICLE CHARGERS INCLUDING FUTURE EVC.
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. LUMINAIRE COLOURS TO MATCH CLADDING / BUILDING COLOURS AND COLUMN COLOURS.
6. ALL LUMINAIRE TO HAVE A COLOUR TEMPERATURE OF 3000K UNLESS OTHERWISE STATED.
7. THIS DRAWING IS FOR INFORMATION ONLY FOR THE PURPOSE OF RELEASING PLANNING CONSTRAINTS. THE CONTRACTOR SHALL PERFORM OWN CALCULATIONS/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.
8. THE CONTRACTOR IS TO COMPLY TO ALL PLANNING CONSTRAINTS. SHOULD THE CONTRACTORS DESIGN DEVIATE IN ANYWAY FROM THE AGREED PLANNING PROPOSAL THEN THE CONTRACTOR SHALL PRODUCE A FORMAL ISSUE TO PLANNING FOR ACCEPTANCE.

LEGEND

EX1 — EX1
BUILDING MOUNTED D-SERIES, 3000K, 22,000 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 169

EX2 — EX2 COLUMN MOUNTED D-SERIES, 3000K, 18,000 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 130

EX3 — EX3 COLUMN MOUNTED D-SERIES, 3000K, 8,000 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 56

EX4 — EX4 COLUMN MOUNTED CITYMAX, 3000K, 9,000 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 75

EX5 — EX5 CEILING MOUNTED PARKPACK, 3000K, 8,000 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 71

EX6 — EX6 BUILDING MOUNTED D-SERIES, 3000K, 4,000 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 25

EX7 — EX7 BUILDING MOUNTED D-SERIES, 3000K, 2,500 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 18

EX8 — EX8 CEILING RECESSED ASTER LARGE, 3000K, 2,065 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 30

EX9 — EX9 WALL MOUNTED D-SERIES, 3000K, 8,000 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 56

EX10 — EX10 BOLLARD, 3000K 1,000 INITIAL LUMENS PER LAMP MAINTENANCE FACTOR = 1 WATTS PER LUMINAIRE = 120



REFERENCE 'EX1 - EX3 & EX9'
LUMINAIRE AS OF HOLOPHANE 'D-SERIES'
TO BE BUILDING / COLUMN MOUNTED



REFERENCE 'EX4'
LUMINAIRE AS OF HOLOPHANE 'CITYMAX'
TO BE COLUMN MOUNTED



REFERENCE 'EX5'
LUMINAIRE AS OF HOLOPHANE 'PARKPACK'
TO BE CEILING MOUNTED



REFERENCE 'EX6 - EX7'
LUMINAIRE AS OF HOLOPHANE 'DENVER ID WALL'
TO BE BUILDING MOUNTED



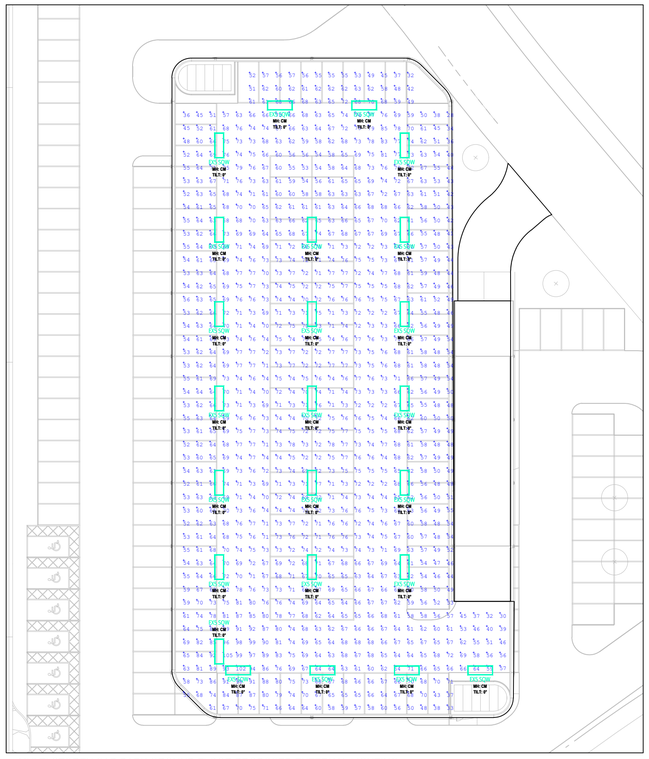
REFERENCE 'EX8'
LUMINAIRE AS OF HOLOPHANE 'ASTER LARGE'
TO BE CEILING RECESSED



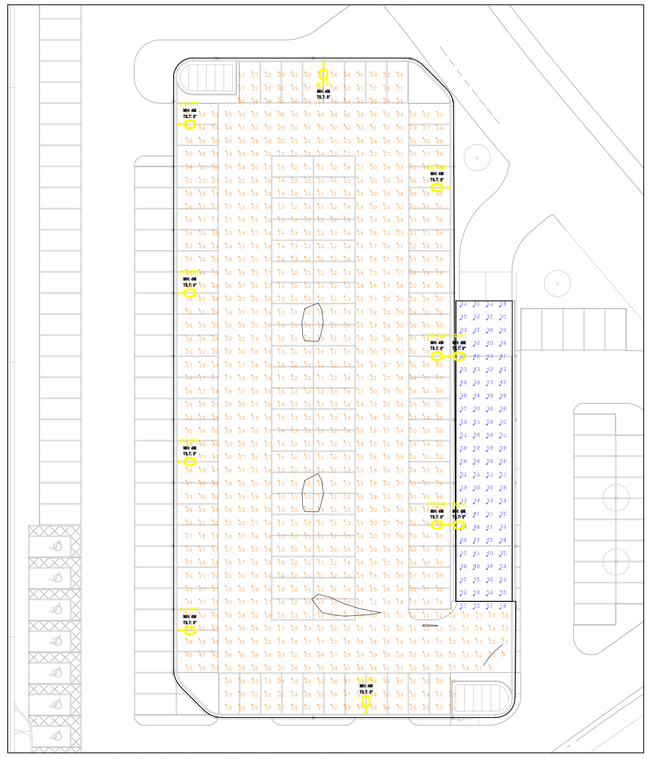
REFERENCE 'EX4'
LUMINAIRE AS OF HOLOPHANE 'ID BOLLARD'

'FWE'	DENOTES FORWARD THROW EXTENSIVE
'FW'	DENOTES FORWARD THROW
'AY'	DENOTES ASYMMETRIC OPTIC
'SY'	DENOTES SYMMETRIC OPTIC
'SQW'	DENOTES SQUARE WIDE 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

1 SITE LAYOUT PROPOSED EXTERNAL LIGHTING
1 : 500



2 MULTI-STOREY CAR PARK GROUND FLOOR PROPOSED EXTERNAL LIGHTING
1 : 250



3 MULTI-STOREY CAR PARK DECK PROPOSED EXTERNAL LIGHTING
1 : 250

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.

P02	07/10/26	FOR PLANNING	CJ / BT
P01	16/06/26	PRELIMINARY ISSUE	CJ / BT
REV	DATE	DESCRIPTION	BY / AE

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RIBA Stage
STAGE 3

Status
FOR PLANNING

Client
Firethorn

Project
UNIT 2,
BARDON, COALVILLE

Drawing Title
UNIT 2
PROPOSED EXTERNAL LIGHTING LAYOUT

Scale (A0)	Date	By	Ve
NTS	AUG '26	DW	CJ

Proj ID	Originator	Functional	Spatial	Form	Discipline	Number	Subsidiary	Revision
260222	CPW	02	XX	DR	E	307003	S3	P02

260222-CPW-02-XX-DR-E-307003 S3 P02

CPW Project No. 26022

Linked Files