NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTS, STRUCTURAL ENGINEERS, BUILDING SERVICES, SPECIFICATIONS & SCHEDULES
2. ALL DIMENSIONS ARE IN MILLIMETERS
3. THE CONTRACTORS SHALL NOTE THAT THIS DRAWING IS INDICITIVE AND ILLUSTRATES DESIGN INTENT ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAILED DESIGN AND COORDINATION WITH OTHER SERVICES

LEGEND

PUBLIC LIGHTING:

TYPE A - PUBLIC LIGHTING FITTING CU PHOSCO P852K
3.144lm, 27w, 3000K, 8m column

TYPE B - PUBLIC LIGHTING FITTING CU PHOSCO P852K
2.359lm, 20w, 3000K, 6m column

TYPE C - PUBLIC LIGHTING FITTING CU PHOSCO P863
10.454lm, 71w, 4000K, 10m column

TYPE F - STREET LIGHTING FITTING CREE UNO
1.09klm, 10w, 2700K, 5m column

TYPE G - EXISTING PUBLIC LIGHTING FITTING

Residential Roads
Results - Horizontal Illuminance (lux)
Eav= 5.85
Emin= 1.14
Emax= 18.60
Emin/Emax= 0.06
Emin/Eav= 0.20
Emax/Eav= 3.18

Conflict Zone 2
Results - Horizontal Illuminance (lux)
Eav= 33.25
Emin= 24.68
Emax= 38.18
Emin/Emax= 0.65
Emin/Eav= 0.74
Emax/Eav= 1.15

South Side Pedestrian Route
Results - Horizontal Illuminance (lux)
Eav= 5.42
Emin= 1.18
Emax= 14.22
Emin/Emax= 0.08
Emin/Eav= 0.22
Emax/Eav= 2.62

R149 Road
Results - Horizontal Illuminance (lux)
Eav= 15.02
Emin= 4.19
Emax= 31.68
Emin/Emax= 0.13
Emin/Eav= 0.28
Emax/Eav= 2.11

L1015 Confey Road
Results - Horizontal Illuminance (lux)
Eav= 18.41
Emin= 3.91
Emax= 38.28
Emin/Emax= 0.10
Emin/Eav= 0.21
Emax/Eav= 2.08

Confey Railway Station
Results - Horizontal Illuminance (lux)
Eav= 0.02
Emin= 0.00
Emax= 0.37
Emin/Emax= 0.01
Emin/Eav= 0.12
Emax/Eav= 18.14

Access Road
Results - Horizontal Illuminance (lux)
Eav= 9.00
Emin= 2.84
Emax= 25.32
Emin/Emax= 0.11
Emin/Eav= 0.32
Emax/Eav= 2.81

Conflict Zone 1
Results - Horizontal Illuminance (lux)
Eav= 18.94
Emin= 15.09
Emax= 21.46
Emin/Emax= 0.70
Emin/Eav= 0.80
Emax/Eav= 1.13

PRIVATE LIGHTING:

TYPE D - BOLLARD TRT LIGHTING VIA ASY
0.414lm, 9w, 2700K, 1m

TYPE E - POST TOP LIGHTING FITTING SCHREDER
FLEXIA BRASO MIDI, 1.52klm, 310mA, 2700K, 5m column

Apartments Public Open Space
Results - Horizontal Illuminance (lux)
Eav= 6.95
Emin= 1.37
Emax= 30.76
Emin/Emax= 0.04
Emin/Eav= 0.20
Emax/Eav= 4.42

- Light Shield (to prevent backspill lighting)

The lighting calculation software does not have the capability to accurately model luminaires fitted with light shields. Therefore, the isolux lines and calculated lighting levels shown behind the installed shields should be considered as effectively dark, as the shields are intended to prevent backspill into these areas

Rev	Date	Description	Orig	App
4	20-10-2026	ISSUED FOR PLANNING	AZ	GM
3	15-05-2026	ISSUED FOR PLANNING	AZ	GM
2	03-11-2025	ISSUED FOR PLANNING	AZ	GM
1	25-09-2025	ISSUED FOR PLANNING	AZ	GM
0	11-07-2025	DRAFT	AZ	GM

Client
VANISLAND LIMITED

Project
CONFEY PHASE 1A LRD

Title
EXTERNAL LIGHTING LAYOUT

Drawing No
D25007-ZZ-ZZ-DR-EDC-E-70101

RIBA Work Stage	Status Code	Revision
STAGE 2	P3	4

Scale @ A0	Model Manager	Project Manager
1:450	TB	GM

Mechanical & Electrical Consulting Engineers
Cork Office
Tel: +353 (0)21 4280476, email: info@edconsgineers.com
Dublin Office
Tel: +353 (0)1 5313693, email: info@edconsgineers.com
London Office
Tel: +44 (0)203 0040062 email: info@edconsgineers.com
www.edconsgineers.com

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