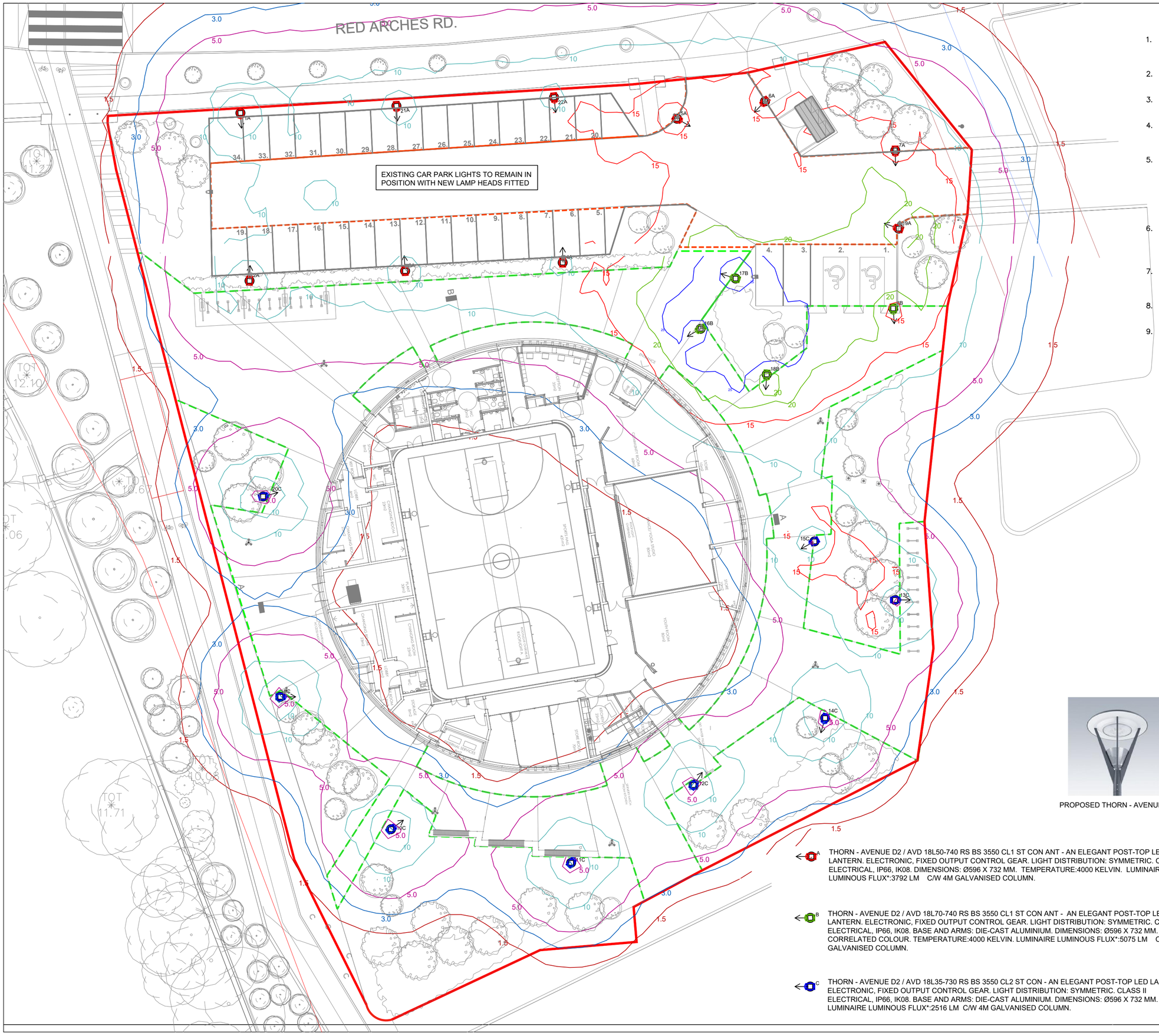

NOTES: –

1. COWLS TO BE INCLUDED IN SITE LIGHTING IF NECESSARY SO AS NOT TO INTERFERE WITH PASSING TRAFFIC OR CAUSE ANY GLARE OR ADDITIONAL LIGHT SPILL TO ADJOINING RESIDENTIAL PROPERTY.
2. SITE LIGHTING TO BE DIMMABLE FROM 12:00AM MIDNIGHT TO 06:00AM AS PER DIMMING CLASS 2A IN HOUSING ESTATES.
3. COLUMNS NOT ACCESSIBLE BY A MAINTENANCE TRUCK WILL NEED TO BE HINGED.
4. THE WATTAGE OF THE LIGHTS MUST BE STATED IN ANY PROPOSAL AND MUST BE THE CLO WATTAGE FOR WHATEVER LUMEN OUTPUT THE DESIGN IS BASED ON.
5. PUBLIC LIGHTING TO THE HOUSING ESTATE SHALL COMPLY WITH BS EN 13201–2:2003, BS EN 13201–3:2003, BS EN 13201–4:2003 AND BS 5489–1:2013. ALL STREET LIGHTING SCHEMES MUST MEET THE REQUIREMENTS OF CEN CODE OF PRACTICE EN 13201–1:2015, CEN CODE OF PRACTICE EN13201–5:2015 RELATING TO ENERGY BENCHMARKING, BS5489:2013, ET101:2008, ET211:2003 AND ESB NATIONAL CODE OF PRACTICE FOR CUSTOMER INTERFACE 4TH EDITION 2008.
6. ALL ELECTRICAL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL RULES FOR ELECTRICAL INSTALLATIONS OF THE ELECTRO–TECHNICAL COUNCIL OF IRELAND, LATEST EDITION, INCLUDING PART 7, SECTION 714, EXTERNAL LIGHTING INSTALLATION.
7. ALL EXTERNAL LIGHTS SHALL BE DESIGNED AND CONSTRUCTED SO AS NOT TO CAUSE EXCESSIVE GLARE, OR DAZZLE MOTORISTS ON ADJOINING ROADS.
8. ALL EXTERNAL LIGHTING SHALL BE CONTROLLED THROUGH A TIMECLOCK AND PHOTOCELL
9. PLANTING OF TREES PROHIBITED WITHIN 10M RADIUS OF PUBLIC LIGHTING COLUMN. LANDSCAPING DRAWING WILL BE AMENDED FOLLOWING AGREED LOCATIONS OF PUBLIC LIGHTS.

Grid 1 — A
Results - Horizontal Illuminance (lux)
Eav= 14.79
Emin= 8.69
Emax= 24.83
Emin/Emax= 0.35
Emin/Eav= 0.59

Grid 2 — B
Results - Horizontal Illuminance (lux)
Eav= 9.85
Emin= 2.06
Emax= 32.65
Emin/Emax= 0.06
Emin/Eav= 0.21

PROPOSED THORN - AVENUE D2

A THORN - AVENUE D2 / AVD 18L50-740 RS BS 3550 CL1 ST CON ANT - AN ELEGANT POST-TOP LED LANTERN. ELECTRONIC, FIXED OUTPUT CONTROL GEAR. LIGHT DISTRIBUTION: SYMMETRIC. CLASS I ELECTRICAL, IP66, IK08. DIMENSIONS: Ø596 X 732 MM. TEMPERATURE:4000 KELVIN. LUMINAIRE LUMINOUS FLUX*:3792 LM C/W 4M GALVANISED COLUMN.

B THORN - AVENUE D2 / AVD 18L70-740 RS BS 3550 CL1 ST CON ANT - AN ELEGANT POST-TOP LED LANTERN. ELECTRONIC, FIXED OUTPUT CONTROL GEAR. LIGHT DISTRIBUTION: SYMMETRIC. CLASS I ELECTRICAL, IP66, IK08. BASE AND ARMS: DIE-CAST ALUMINIUM. DIMENSIONS: Ø596 X 732 MM. CORRELATED COLOUR. TEMPERATURE:4000 KELVIN. LUMINAIRE LUMINOUS FLUX*:5075 LM C/W 4M GALVANISED COLUMN.

C THORN - AVENUE D2 / AVD 18L35-730 RS BS 3550 CL2 ST CON - AN ELEGANT POST-TOP LED LANTERN. ELECTRONIC, FIXED OUTPUT CONTROL GEAR. LIGHT DISTRIBUTION: SYMMETRIC. CLASS II ELECTRICAL, IP66, IK08. BASE AND ARMS: DIE-CAST ALUMINIUM. DIMENSIONS: Ø596 X 732 MM. LUMINAIRE LUMINOUS FLUX*:2516 LM C/W 4M GALVANISED COLUMN.

Issue	REVISION	DATE	BY	CKD.
P1	ISSUED FOR APPROVAL	10.11.22	SJ	DOM

Figured dimensions only should be taken from this drawing. All contractors must visit the site and be responsible for taking and checking all dimensions that relate to this work

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Job: BALDOYLE COMMUNITY CENTRE

Client: FINGAL COUNTY COUNCIL

Drawing: ELECTRICAL SERVICES SITE LIGHTING LAYOUT

Drg. No. **BCC-MOM-ZZ-XX-DR-MEP-0001 PL**

Job No. E22/2533	Scale 1:250 @ A2	Cad ref. 2533_Baldoyle Community Centre.dwg
Drg. No. PL E 0001		Date OCT 2022
Drawn Sebastian Jaworski		
Checked DENIS O'MAHONY		