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**DRAWING NOTES:**

1. DUCTING SHALL COMPLY WITH IS EN 61386-1-21-22-23-24 LATEST EDITION & SHALL BE SINGLE WALL, COLOURED RED & MANUFACTURED FROM HIGH DENSITY POLYETHYLENE. THE NOMINAL EXTERNAL DIAMETER OF THE DUCT SHALL BE 100mm WITH A MINIMAL WALL THICKNESS OF 5mm. EACH LENGTH OF DUCT SHALL BE STAMPED WITH THE WORDS "PUBLIC LIGHTING", OR ALTERNATIVELY, "STREET LIGHTING", IN 18mm BLACK LETTERING AT 0 DEGREES, AT ONE METRE INTERVALS. DUCT SHALL BE LAID WITH THIS LEGEND FACING UPWARDS. DUCT SHALL BE LAID IN A STRAIGHT LINE CLOSE TO THE LINE OF THE COLUMN LOCATIONS & SHALL CONTAIN A CONTINUOUS DRAW WIRE OF 8XN STRENGTH.
2. A MINIMUM DEPTH OF 450mm COVER IS REQUIRED IN URBAN PATHWAYS & A MINIMUM OF 600mm COVER IS REQUIRED FOR GRASS MARGINS, PEDESTRIAN WAYS, LANEWAYS & GATEWAY ENTRANCES & A MINIMUM DEPTH OF 750mm IS REQUIRED AT ROAD CROSSINGS OR IN CARRIAGEWAYS.
3. ALL EQUIPMENT TO BE SUITABLY IP RATED FOR THE ENVIRONMENT THEY ARE BEING INSTALLED.
4. FOR SCHEDULES OF EQUIPMENT SEE SPECIFICATION.
5. THE COMPLETE INSTALLATION TO BE CO-ORDINATED WITH ALL OTHER SERVICES.
6. ALL LAMPS SHALL BE OF COLOUR TEMPERATURE 3000K AS SPECIFIED ON THIS DRAWING AND SHALL ALSO BE EQUIPPED WITH MOTION SENSORS.
7. LIGHTING CIRCUITRY OVERALL SHALL BE CONTROLLED BY A TIMER AND CONTACTORS ALLOWING THE LIGHTING TO BE SWITCHED OFF DURING INACTIVE SITE HOURS TO REDUCE THE DISTURBANCE TO BATS ON THE SITE.
8. LIGHTING COLUMNS SHALL BE OF A MAXIMUM HEIGHT OF 6m.
9. LIGHTING IS DESIGNED TO THE P4 STANDARD AVERAGE 5 LUX, MINIMUM 1 LUX.

**X1** CU PHOSCO P852-12-P4-WW-CA0500-3000K 20W STREET LIGHT ON 6m HIGH COLUMN

PO3	29.11.21	LAYOUT AMENDED. LIGHTING AMENDED.	B.M.	M.C.
PO2	10.11.21	ROADWAY AMENDED. SUITABLE FOR PLANNING.	B.M.	M.C.
PO1	02.06.21	SUITABLE FOR PLANNING.	B.M.	M.C.
Rev No.	Date	Revision Note	Dm by   Chkd by	

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Client: HIBERNIA REIT PLC  
Project: KATHARINE TYNAN HOUSE  
NEWLANDS FARM, TALLAGHT, DUBLIN 24.  
Title: ELECTRICAL  
PROPOSED SITE LIGHTING LAYOUT

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
H657	-OCSC	-XX	-XX	-SK	-E	-0001	S4	P03
Date: 01.06.21 Scale: 1:500 @ A1 Dm by: B.M. Chkd by: M.C. Aprvd by: M.C.								