



CALCULATION RESULTS:

Grid 1
 Eav= 6.31
 Emin= 1.45
 Emax= 12.58

Grid 2
 Eav= 11.34
 Emin= 4.69
 Emax= 25.65

KEY:

- Luminaire A Column
- Luminaire B Column
- Luminaire C Column
- 6 SQMM NYCY CABLE IN 100MM RED DUCT
- LIGHTING PILLAR

LUMINAIRE DATA:

LUMINAIRE A 16W 2.8KLM WARM WHITE PHILIPS LUMA MICRO BGP702 DW10 CLD MOUNTED @6M

44W 8.0KLM NEUTRAL WHITE PHILIPS LUMA MINI BGP703 DM10 CLD MOUNTED @8M

LUMINAIRE C EXISTING 70W SDN LANTERN

GENERAL NOTES:

1. ALL COLUMNS SHALL BE SERVICED VIA ESB SUPPLIES AND FITTED WITH A 25A FUSE
2. COLUMNS TO BE HEXAGONAL GALVANISED ROLLED STEEL TYPE RATED AND SHALL BE FITTED WITH SECONDARY ISOLATION ABOVE THE ESB CUT OUT. THE UNIT SHALL BE AS PER SPECIFICATION DOCUMENT.
3. SUB FUSES FOR EXTERNAL SUB CIRCUITS SHALL BE FITTED WITH 16A BS 88 FUSES. FUSE DISCRIMINATION SHALL COMPLY WITH IS 10101.
4. PRIOR TO ANY EXCAVATION THE CONTRACTOR SHALL HAVE REVIEWED THE EXISTING SERVICES IN THE AREA OF THE EXCAVATION. RESIDUAL RISKS WHERE KNOWN HAVE BEEN INDICATED. THESE HAVE BEEN BASED UPON DESIGN DRAWING AND MAY HAVE CHANGED AT CONSTRUCTION STAGE. WHERE THERE ARE KNOWN SERVICES IN THE VICINITY OF EXCAVATIONS THE CONTRACTOR SHALL ENSURE HAND DIGGING IS CARRIED OUT WITH CARE. THE CONTRACTOR SHALL ARRANGE FOR STATUTORY UNDERTAKERS PLANT TO BE MARKED ON SITE PRIOR TO EXCAVATION.
5. IN THIS INSTANCE THE USE OF 3 DIMENSIONAL MASKING HAS NOT BEEN USED TO TAKE INTO CONSIDER THE ACTUAL POSITION OF HIGH SIDED OBJECTS SUCH AS BUILDINGS AND THE LIKE. TREES AND SHRUBS ETC. HAVE NOT BEEN CONSIDERED AS THEIR MASKING ABILITY WILL VARY WITH SEASONAL CONDITIONS.
6. 300x300 ACCESS CHAMBER TO BE PROVIDED CLOSE TO EACH POLE BASE. MAIN CABLE RUN TO BE DUCTED THROUGH THE ACCESS CHAMBERS RATHER THAN LIGHT COLUMN POSITIONS, WITH A DUCT BETWEEN EACH ACCESS CHAMBER AND LIGHTING COLUMN.
7. THIS LIGHTING DESIGN HAS BEEN PREPARED IN ACCORDANCE WITH BS5489-1:2020 & CCC PUBLIC LIGHTING GUIDELINES 2023



STAGE	INFO 2
DATE	11/09/2023
SCALE	1:500---A1
DRAWN	James Molloy
CHECKED	James Molloy

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TITLE	PROJECT	DWG NO.
Public Lighting Layout	BRH Design Partners	PL2256-E-100-12
	Elm Grove, Fermoy, Co. Cork.	