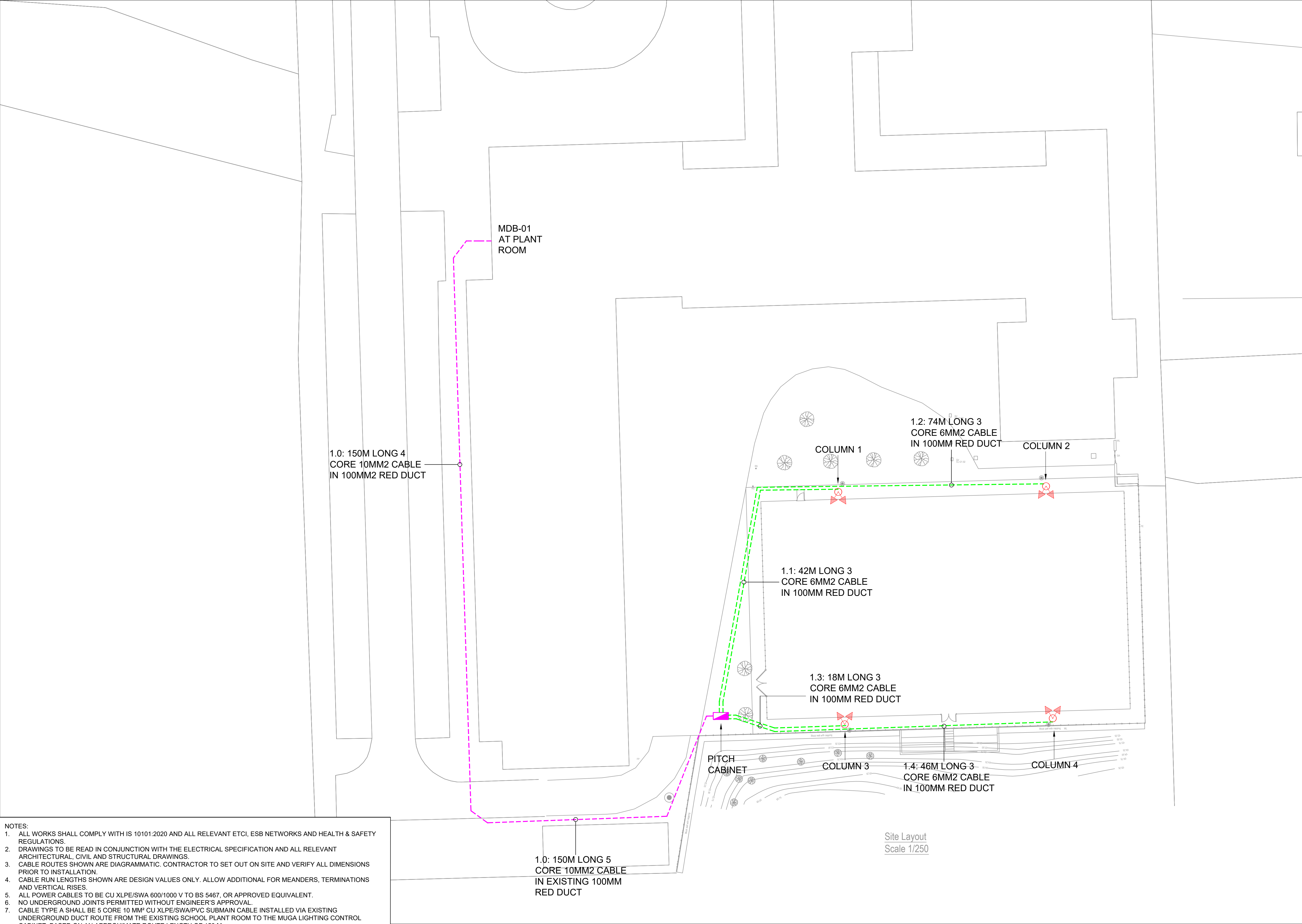




- NOTES:
- ALL WORKS SHALL COMPLY WITH IS 10101:2020 AND ALL RELEVANT ETCI, ESB NETWORKS AND HEALTH & SAFETY REGULATIONS.
  - DRAWINGS TO BE READ IN CONJUNCTION WITH THE ELECTRICAL SPECIFICATION AND ALL RELEVANT ARCHITECTURAL, CIVIL AND STRUCTURAL DRAWINGS.
  - CABLE ROUTES SHOWN ARE DIAGRAMMATIC. CONTRACTOR TO SET OUT ON SITE AND VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION.
  - CABLE RUN LENGTHS SHOWN ARE DESIGN VALUES ONLY. ALLOW ADDITIONAL FOR MEANDERS, TERMINATIONS AND VERTICAL RISES.
  - ALL POWER CABLES TO BE CU XLPE/SWA 600/1000 V TO BS 5467, OR APPROVED EQUIVALENT.
  - NO UNDERGROUND JOINTS PERMITTED WITHOUT ENGINEER'S APPROVAL.
  - CABLE TYPE A SHALL BE 5 CORE 10 MM² CU XLPE/SWA/PVC SUBMAIN CABLE INSTALLED VIA EXISTING UNDERGROUND DUCT ROUTE FROM THE EXISTING SCHOOL PLANT ROOM TO THE MUGA LIGHTING CONTROL CABINET. BASED ON AN APPROXIMATE ROUTE LENGTH OF 150 M.
  - CONTRACTOR TO CONFIRM EXISTING DUCT SIZE, CONDITION, ROUTE CONTINUITY AND DRAW-IN FACILITIES PRIOR TO INSTALLATION. ANY BLOCKAGES, DAMAGE OR REQUIREMENT FOR NEW DUCTING SHALL BE REPORTED TO THE ENGINEER PRIOR TO WORKS.
  - CABLE TYPE B SHALL BE 3 CORE 6 MM² CU XLPE/SWA/PVC FINAL CIRCUIT CABLE INSTALLED IN NEW UNDERGROUND RED ESB/POWER DUCT FROM THE MUGA LIGHTING CONTROL CABINET TO EACH FLOODLIGHTING COLUMN, WITH ONE FINAL CIRCUIT PROVIDED TO EACH COLUMN.
  - LUMINAIRES TO BE VEELITE SPORTSLITE 6, 400 W LED, 5000 K, ASYMMETRIC WIDE BEAM OPTIC A, IP66 / IK08, OR APPROVED EQUIVALENT.
  - INSTALLATION TO MATCH THE APPROVED LIGHTING LAYOUT AND PHOTOMETRIC DESIGN. NO SUBSTITUTIONS, ALTERATION OF COLUMN POSITIONS, MOUNTING HEIGHTS OR AIMING ANGLES WITHOUT WRITTEN APPROVAL.
  - FINAL AIMING AND COMMISSIONING SHALL BE CARRIED OUT IN ACCORDANCE WITH THE APPROVED PHOTOMETRIC DESIGN FOR THE MUGA.
  - FINAL PROTECTIVE DEVICE SELECTION, EARTHING ARRANGEMENT, FAULT LOOP IMPEDANCE AND TESTING SHALL BE VERIFIED BY THE ELECTRICAL CONTRACTOR PRIOR TO ENERGISATION.

| Luminaire Location Summary |        |         |         |    |        |      |
|----------------------------|--------|---------|---------|----|--------|------|
| LumNo                      | Label  | X       | Y       | Z  | Orient | Tilt |
| 1                          | SL6-4A | -14.102 | 16.49   | 10 | 238    | 9    |
| 2                          | SL6-4A | -13.176 | 16.468  | 10 | 301    | 6    |
| 3                          | SL6-4A | 13.176  | 16.468  | 10 | 239    | 6    |
| 4                          | SL6-4A | 14.102  | 16.49   | 10 | 302    | 9    |
| 5                          | SL6-4A | -14.102 | -16.49  | 10 | 122    | 9    |
| 6                          | SL6-4A | -13.176 | -16.468 | 10 | 59     | 6    |
| 7                          | SL6-4A | 13.176  | -16.468 | 10 | 121    | 6    |
| 8                          | SL6-4A | 14.102  | -16.49  | 10 | 58     | 9    |
| Total Quantity: 8          |        |         |         |    |        |      |

| Calculation Summary |        |     |     |         |         |       |         |         |       |
|---------------------|--------|-----|-----|---------|---------|-------|---------|---------|-------|
| Description         | Avg    | Max | Min | Min/Avg | Min/Max | Units | PtSpcLr | PtSpcTb | # Pts |
| Pitch               | 200.37 | 290 | 122 | 0.61    | 0.42    | Lux   | 2       | 2       | 350   |

| Luminaire Schedule |     |        |             |       |                                                           | Filename        |  |
|--------------------|-----|--------|-------------|-------|-----------------------------------------------------------|-----------------|--|
| Symbol             | Qty | Label  | Lum. Lumens | MF    | Description                                               |                 |  |
|                    | 8   | SL6-4A | 57384       | 0.900 | Sportslite 6, 400w LED 5000K Optic A Asymmetric Wide Beam | 5SBS00401-A.ies |  |

- KEY:
- PROPOSED 10 M FLOODLIGHTING COLUMN COMPLETE WITH 2 NO. VEELITE SPORTSLITE 6 400 W LED FLOODLIGHTS, MOUNTING BRACKETS, LOCAL ISOLATION, INTERNAL WIRING AND ASSOCIATED CONTROL GEAR AS REQUIRED. FINAL AIMING TO MATCH APPROVED PHOTOMETRIC DESIGN.
- PITCH LIGHTING CONTROL CABINET MUGA LIGHTING CONTROL CABINET COMPLETE WITH MAIN ISOLATOR, CONTACTOR / SWITCHING ARRANGEMENT, TIMER / KEY SWITCH CONTROLS AS REQUIRED, OUTGOING FINAL CIRCUIT PROTECTION TO EACH FLOODLIGHTING COLUMN, EARTHING TERMINALS AND ASSOCIATED CONTROL EQUIPMENT. FINAL EQUIPMENT SELECTION BY ELECTRICAL CONTRACTOR TO SUIT SITE REQUIREMENTS.
- CABLE TYPE A  
5 CORE 10 MM² CU XLPE/SWA/PVC SUBMAIN CABLE IN EXISTING UNDERGROUND DUCT FROM SCHOOL PLANT ROOM TO MUGA LIGHTING CONTROL CABINET.
- CABLE TYPE B  
3 CORE 6 MM² CU XLPE/SWA/PVC FINAL CIRCUIT CABLE IN NEW UNDERGROUND RED ESB/POWER DUCT FROM MUGA LIGHTING CONTROL CABINET TO EACH FLOODLIGHTING COLUMN. ONE FINAL CIRCUIT TO BE PROVIDED TO EACH COLUMN.

|      |             |      |     |     |          |
|------|-------------|------|-----|-----|----------|
|      |             |      |     |     |          |
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| P01  | FIRST ISSUE | JM   | JM  | JM  | 02/07/26 |
| REV: | DESCRIPTION | DRWN | CHK | APD | DATE     |

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CLIENT

ENNISTYMON COMMUNITY SCHOOL

PROJECT

ARDNACULIA NORTH,  
CO. CLARE.

TITLE

MUGA FLOODLIGHTING

|          |       |       |          |            |
|----------|-------|-------|----------|------------|
| SCALE@A1 | DRAWN | CHECK | APPROVED | DATE       |
| 1:250    | JM    | JM    | JM       | 02/07/2026 |

|                                |       |
|--------------------------------|-------|
| DRAWING NUMBER                 | ISSUE |
| PL2650-MEC-HIG-SWI-DR-EO-00001 | P01   |