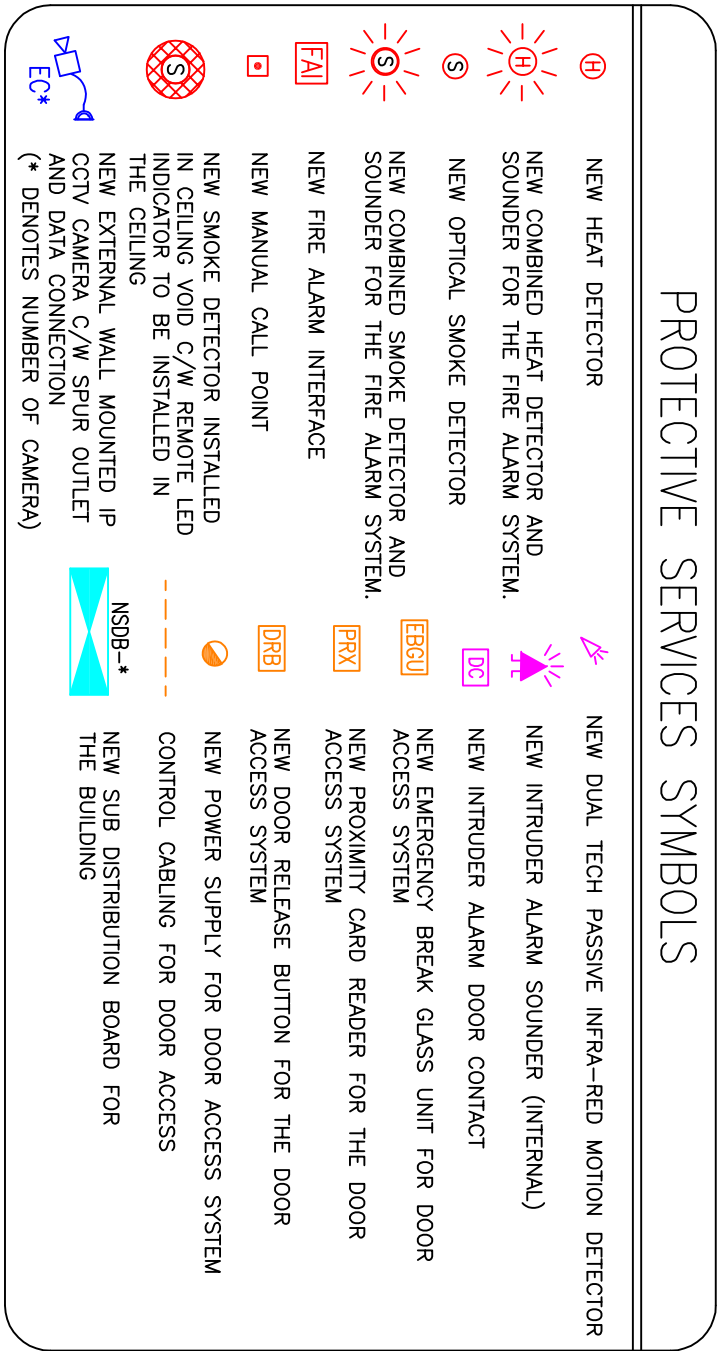
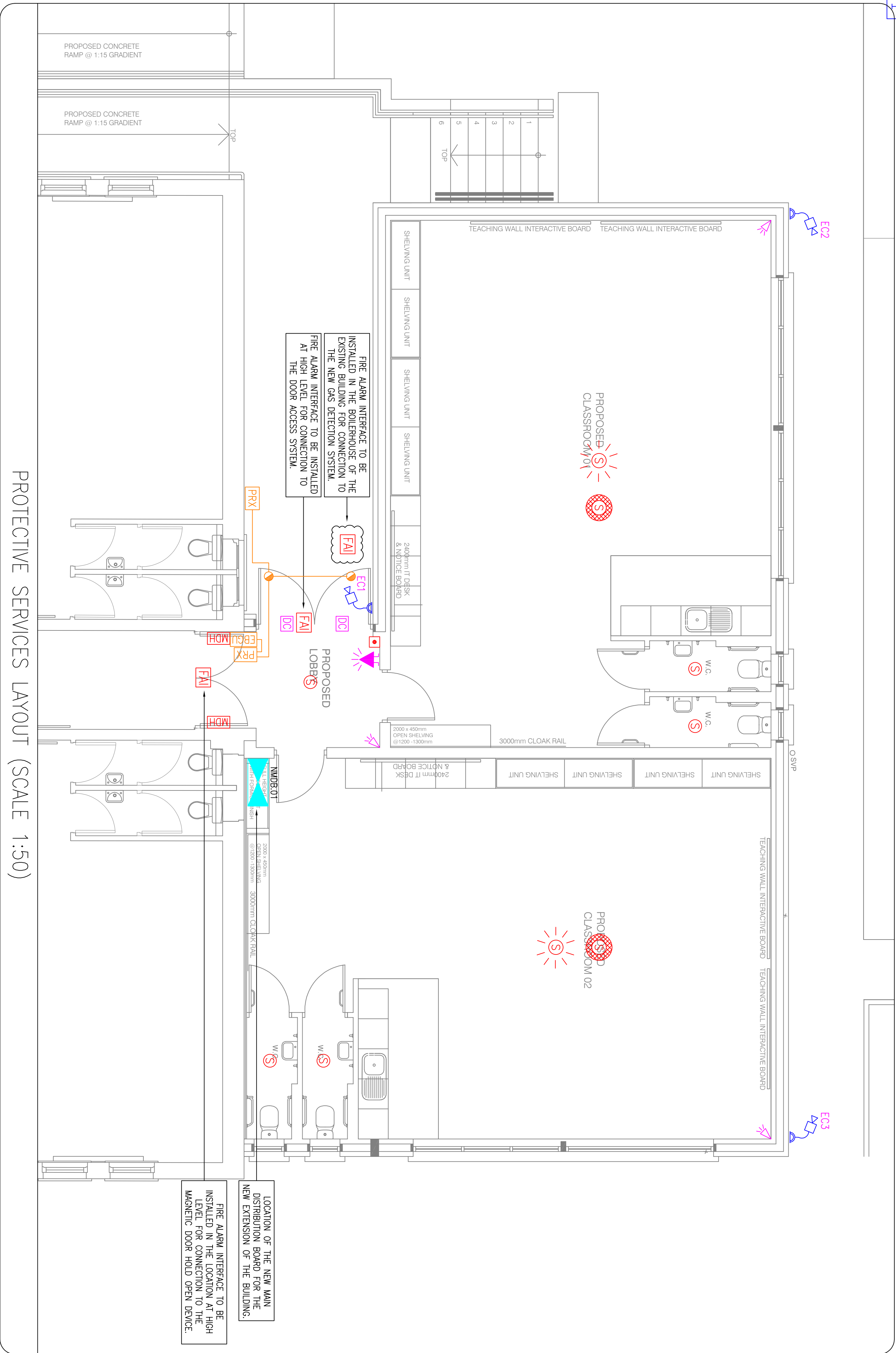


**GENERAL NOTES:**

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL DRAWINGS & SPECIFICATIONS.
- THE CONTRACTOR SHALL CO-ORDINATE FULLY WITH ALL OTHER TRADES BEFORE COMMENCING WORK. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL THE NECESSARY INFORMATION TO ALLOW THE MAIN CONTRACTOR CO-ORDINATE ALL SERVICES.
- THE MECHANICAL CONTRACTOR SHALL ALLOW FOR CO-ORDINATING THE MECHANICAL INSTALLATION WITH THE ELECTRICAL CONTRACTOR ON SITE. EXTRA COSTS INCURRED DUE TO THE CO-ORDINATION EXERCISE NOT BEING COMPLETED WILL NOT BE ACCEPTED BY THE ENGINEER.
- DO NOT SCALE THIS DRAWING. ALL DIMENSIONS TO BE TAKEN ON SITE.
- THE CONTRACTOR SHALL ALLOW FOR THE SUPPLY AND INSTALLATION OF ALL ELECTRICAL SERVICES INDICATED ON THIS DRAWING.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY SUITABLE FINAL ROUTES FOR CABLE CONTAINMENT, ELECTRICAL SERVICES, ETC. AS INDICATED ON THE DRAWINGS.
- NEW MAINS RUN OF ELECTRICAL CONTAINMENT SHALL BE INSTALLED IN THE AREAS AS INDICATED. THIS IS INDICATIVE ONLY AND IF THE CONTRACTOR FINDS A MORE CONVENIENT ROUTE FOR THE ELECTRICAL SERVICES ON SITE, THEN THAT WILL BE ACCEPTABLE.
- FINAL LOCATION OF ALL ITEMS OF SMOKE/FIRE POINTS/LIGHTING, ETC. SHALL BE AGREED ON SITE WITH THE EMPLOYER'S REPRESENTATIVE AND THE CLIENT.
- ALL SERVICES THROUGH FIRE BARRIERS SHALL BE STEELED EACH SIDE OF THE BARRIER. THE MAIN CONTRACTOR SHALL ALLOW FOR FIRE PROOFING THE OPEN AFTER SERVICES IS INSTALLED.
- THE CONTRACTOR SHALL ALLOW FOR ALL NECESSARY LABOUR, MATERIALS AND ATTENDANCES IN COMPLETING ALL THE ELECTRICAL WORKS AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL REFER TO THE KEY PLAN ON THE DRAWING WHICH INDICATES WHERE WORKS WILL BE REQUIRED TO BE CARRIED OUT IN THE BUILDING.

**FIRE ALARM SERVICES NOTES:**

- THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR CONNECTING ALL OF THE NEW FIRE ALARM DEVICES IN THE EXTENSION OF THE BUILDING TO THE EXISTING FIRE ALARM SYSTEM IN THE BUILDING. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR CONNECTING INTO ONE OF THE EXISTING FIRE ALARM DEVICES IN THE BUILDING.
- THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR COMPLETING THE EXISTING ADDRESSABLE FIRE ALARM SYSTEM OVER THE NEW DEVICES HAVE BEEN INSTALLED ON THIS DRAWING. THIS IS TO ENSURE THAT IN THE EVENT OF A FIRE ALARM ACTIVATION THAT THE NEW DEVICES WILL BE ADDRESSED ON THE FIRE ALARM PANEL.
- ALL NEW FIRE ALARM CABLES SHALL BE PH120 CLASSIFIED BURNED FIRE-RESISTANT CABLES IN ACCORDANCE WITH BS6838-1: BS7283-1: BS6837 C, W & Z; IS EN 50200 AND BS6824-2.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL FIRE ALARM SYSTEM FULLY COMPLYING WITH BS2782:01/41/2019.
- THE FIRE ALARM PANELS SHALL HAVE A BACK-UP BATTERY SUPPLY CAPABLE OF 72 HOUR BACKUP.
- THE NUMBER OF FIRE ALARM DEVICES SHALL BE DETERMINED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH SPECIFICATION OF THE ALARM DESIGNER/MAIN MANUFACTURER.
- THE CONTRACTOR SHALL ALLOW FOR INSTALLING VISUAL AND DEVICES (VMD) DEVICES IN THE UNIVERSAL TOILETS AS INDICATED ON THE DRAWINGS.
- LOOP SQUARES TO BE PLACED TO MINIMIZE THE LOSS OF THE LOOP IN THE EVENT OF A FAULT/SHORT CIRCUIT.
- WHERE INTERLOCKING MODULES ARE REQUIRED TO CONNECT TO OTHER ITEMS OF PLANT, THESE WILL BE INSTALLED ON THE LOCAL ADDRESS LOOP OR SUPPLIED VIA A REDUCED INTERFERENCE PANEL.
- END OF LINE DEVICES (EOL) TO BE FITTED ADJACENT TO LAST SOUNDER ON CONVENTIONAL SOUNDER CIRCUITS.
- THE NO. OF EOL DEVICES OF FIRE ALARM DEVICES SHALL BE DETERMINED BY ELECTRICAL SUB-CONTRACTOR TO ASSURE A COMPLETE SATISFACTORY OPERATING SYSTEM IN ACCORDANCE WITH THE SPECIFICATION.
- FIRE ALARM DETECTION HEADS SHALL INCLUDE A CONDITION INDICATION LIGHT.
- ALL MANUAL CALL POINTS SHALL BE OF THE FULLY RESETTABLE TYPE VIA KEY OPERATION. THE USE OF BREAKABLE GLASS IN THE CALL UNITS IS NOT PERMITTED. ALL MANUAL CALL POINTS TO BE PROVIDED WITH CLEAR PLASTIC NUMBER COVERS.
- THE CONTRACTOR SHALL ALLOW FOR INSTALLING ALL FIRE ALARM INTERFACES AS INDICATED THROUGHOUT THE BUILDING. THIS WILL INCLUDE FOR LINKING THE INTERFACE TO THE FOLLOWING ITEMS:
  - GAS DETECTION SYSTEM

**CCTV SYSTEM NOTES:**

- THE EXISTING CCTV SYSTEM FOR THE BUILDING SHALL BE REMOVED IN THE LOCATIONS HOWEVER. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL THE NECESSARY INFORMATION TO ALLOW THE MAIN CONTRACTOR CO-ORDINATE ALL SERVICES.
- THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR LINKING THE NEW CCTV CAMERAS AROUND THE PERIMETER OF THE BUILDING NEW EXTENSION OF THE BUILDING AS INDICATED ON THE DRAWINGS.
- THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR LINKING THE NEW CCTV CAMERAS AROUND THE PERIMETER OF THE BUILDING BACK TO THE EXISTING CCTV SYSTEM WHICH IS LOCATED IN THE BUILDING WITHIN A STORE OF THE OPERATOR AS INDICATED ON THE DRAWING.
- THE NEW CCTV CAMERAS SHALL BE ON A P-NETWORK AND SHALL CONNECT TO THE EXISTING SYSTEM. CONTRACTOR SHALL REFER TO THE SPECIFICATION FOR FURTHER DETAILS.

| REV | DATE     | PREPARED BY/PROJECT NUMBER | QUANT | DESK BY    |
|-----|----------|----------------------------|-------|------------|
| 11  | 22.06.26 | J.L. O'SULLIVAN            |       | C. BERNARD |

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Drawing Status  
**TENDER**

Job Title  
**KILMACANOGUE N.S.  
KILMACANOGUE,  
BRAY,  
CO. WICKLOW.**

Drawing Title  
**PROTECTIVE SERVICES LAYOUT.**

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|-------------------------------------------------------------------------------------------|--------------------------|
| Architect<br><b>MCLOUGHLIN ARCHITECTURE</b><br>Unit 48, Elm House<br>Co. Wicklow, Ireland | Tel. 045 854 900         |
| Job No.<br><b>21-008</b>                                                                  | Drawn By<br><b>J.O'S</b> |
| Scale<br><b>AS INDICATED</b>                                                              | Rev.<br><b>T1</b>        |