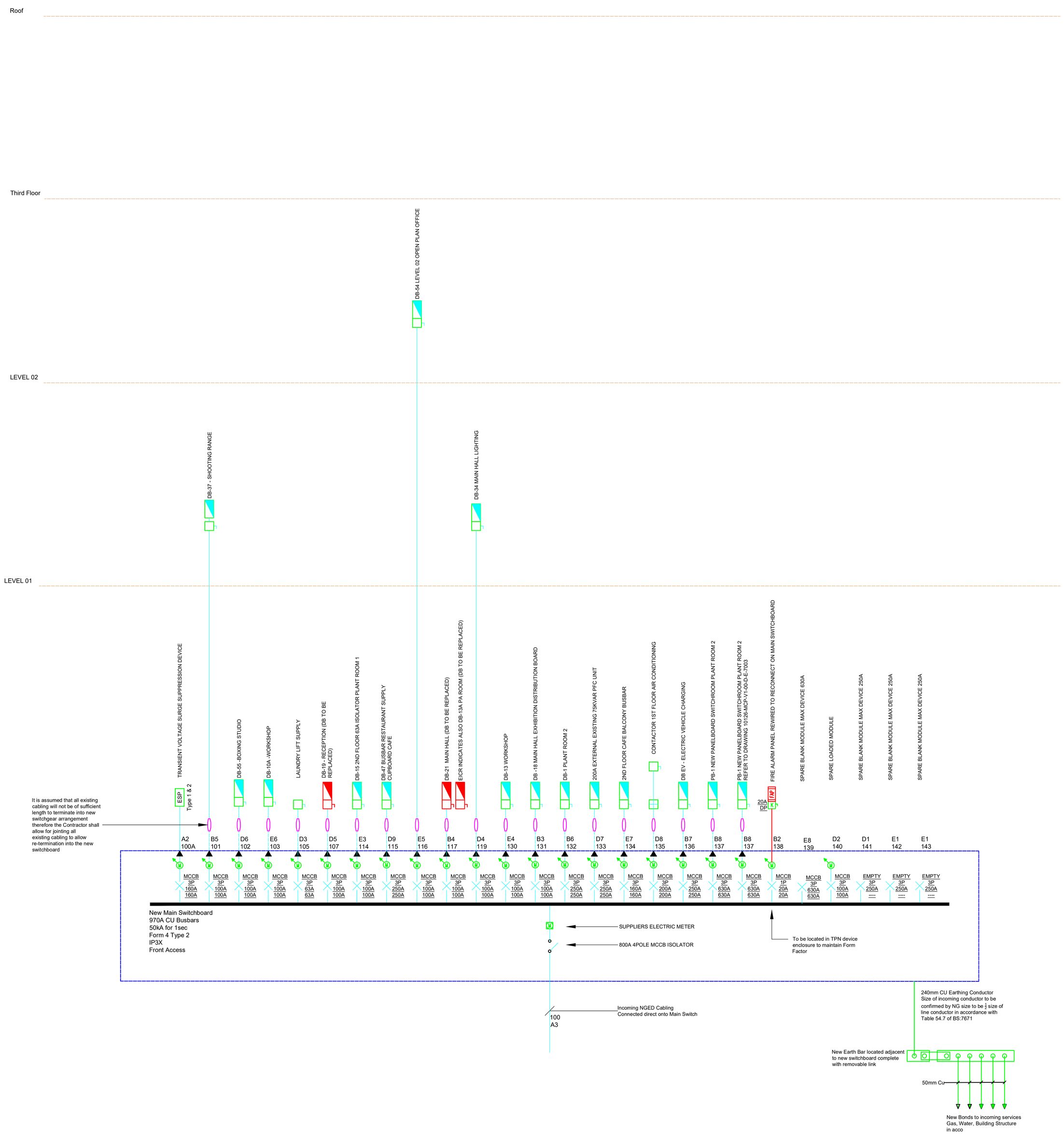
0 10 20 30 40 50 60 Scale Bar (mm @ 1:1)




- *This is not an installation drawing.*
- *The final coordination of services, specialist Sub-Contractors, and building structure is the responsibility of the building services Contractor.*
- *Do not scale from this drawing.*
- *This drawing shall be read in conjunction with the MEP Specification.*
- *The installation of services shall be in compliance with the workmanship clauses detailed in the Specification.*

## Notes

1. The contractor shall ascertain all existing cable types and sizes and provide details to the Engineer for review.
2. A number of existing Mineral Insulated Cables are present. Where these require jointing to ensure connection into the new switchgear the contractor shall utilize fire rated cabling of equivalent fire protection such as FP600.

## Legend

- TPN EXISTING SUB-MAIN SUPPLY CABLING
- SPN EXISTING SUB-MAIN SUPPLY CABLING
- TPN NEW EXTENDED SUB-MAIN SUPPLY CABLING FROM CABLE JOINT TO SWITCHBOARD
- SPN NEW EXTENDED SUB-MAIN SUPPLY CABLING FROM CABLE JOINT TO SWITCHBOARD
- NEW ENHANCED GRADE FIRE RATED CABLING TO BS EN 50200 & BS 8434-2
- CABLE JOINT SUPPORTED ON LADDER RACK / CABLE TRAY
- Circuit Breaker (Type) (Poles) (In - Rated current) (Ir - Current setting)
- EXISTING DISTRIBUTION BOARD
- REPLACEMENT DISTRIBUTION BOARD
- EXISTING FIRE ALARM CONTROL PANEL
- NEW KEY OPERATED ISOLATOR (Type and Rating as indicated)
- EXISTING ISOLATOR
- EXISTING CONTACTOR
- MULTI-FUNCTION ELECTRIC SUB-MAIN C/W BMS LINK
- UTILITY SUPPLIERS METER

## Safety, Health & Environmental Information

In addition to the hazards / risks normally associated with the types of work detailed on this drawing, note the following:

**Construction**
1. Refer to designers risk register, construction risk register And asbestos register

**Maintenance / Cleaning**
1. Refer to designers risk register, construction risk register And asbestos register

**Decommissioning / Demolition**
1. Refer to designers risk register, construction risk register And asbestos register

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

| Details | Eng | Date | Rev |
|---|---|---|---|
| PRELIMINARY ISSUE | MM | JAN 26 | P1 |

Revisions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Job Title
Sport Wales National Centre
Main Switchboard Replacement

Drawing Title
Electrical Engineering Services
Proposed Switchboard Schematic
DB-16 Plant Room 1

| Scale @ A0 | Date | Authorised | Checked | Engineer | Drawn |
|---|---|---|---|---|---|
| NTS | JAN 26 | CM | DY | MM | MM |

| McCann Ref | Status | Status Code | Revision |
|---|---|---|---|
| 10126 | Preliminary | S4 | P01 |

| Project | Origin | Volume | Level | Type | Discipline | Number |
|---|---|---|---|---|---|---|
| 10126 | MCP | V1 | 00 | D | E | 7002 |


Filename: T:\projects\10126 - sport wales - switchgear replacement\03_cad\02_elec\current\10126-mcp-v1-00-d-e-7002.dwg
Last Saved by: matthew nuttall
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