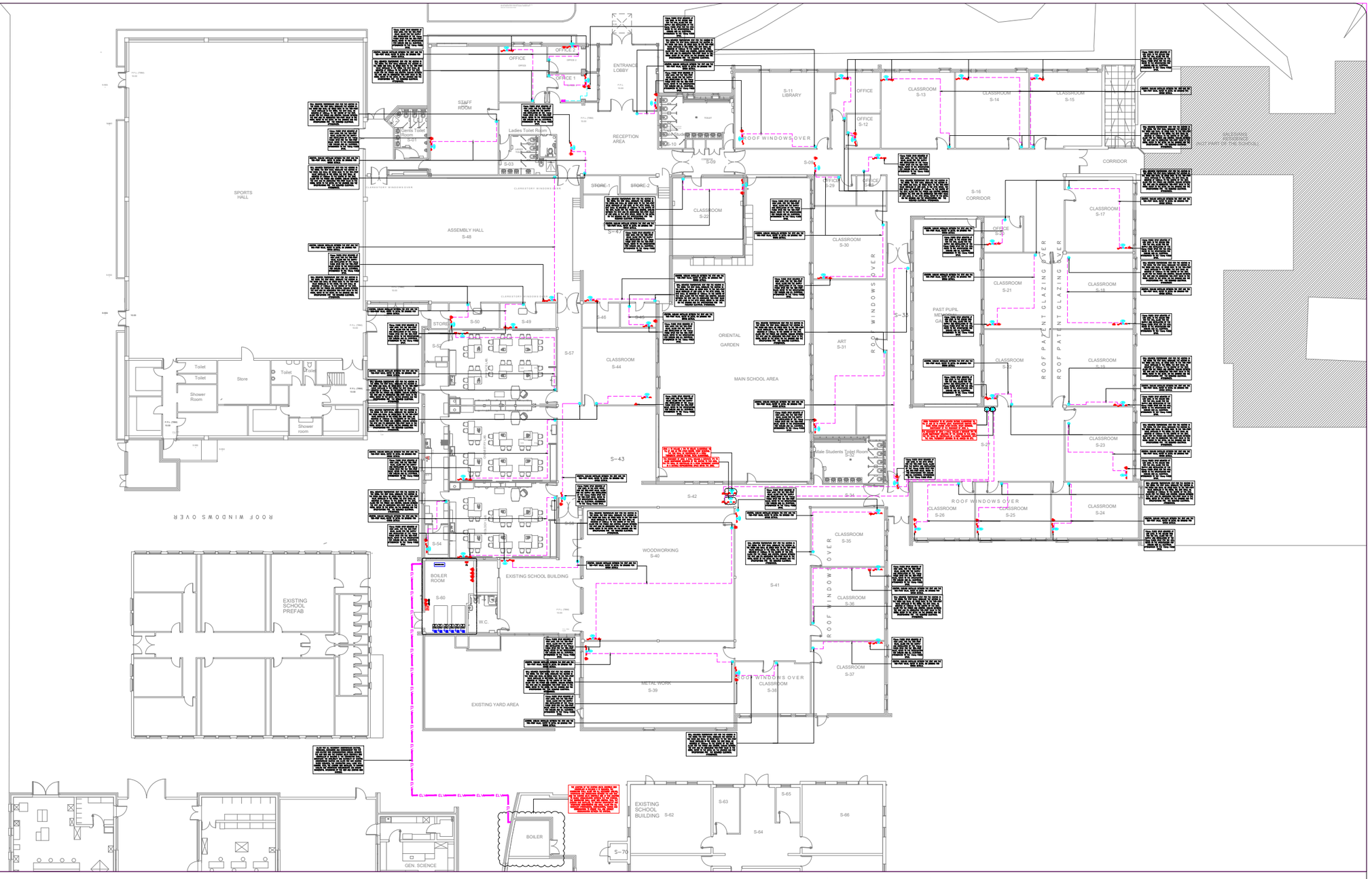
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ELECTRICAL ATTENDANCES REQUIRED FOR THE BUILDING (SCALE 1:200)

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL DRAWINGS & SPECIFICATIONS.

2. THE CONTRACTOR SHALL CO-ORDINATE FULLY WITH ALL OTHER TRADES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL THE NECESSARY INFORMATION TO ALLOW THE MAIN CONTRACTOR CO-ORDINATE ALL SERVICES.

3. THE 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.

4. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS TO BE TAKEN ON SITE.

5. EXACT LOCATIONS OF ALL SERVICES TO BE AGREED ON SITE. FINAL LOCATIONS OF ALL SERVICES TO BE CO-ORDINATED ON SITE WITH FIXED FURNITURE LAYOUTS.

6. THE CONTRACTOR SHALL ALLOW FOR ALL DECOMMISSIONING WORKS AS IDENTIFIED ON THE DRAWINGS AND IN THE SPECIFICATIONS.

7. THE CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY SUITABLE FINAL ROUTES FOR PIPEWORK ROUTES. ROUTES THAT ARE INDICATED ON THE DRAWING ARE ONLY INDICATIVE.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MECHANICAL WORKS, ELECTRICAL WORKS, BUILDERS WORKS, BUILDING FINISHES, ETC. AS IDENTIFIED ON THE DRAWINGS AND IN THE SPECIFICATIONS.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL WORKS AND SHALL EMPLOY A SUITABLY QUALIFIED ELECTRICAL TO CARRY OUT ALL THE ASSOCIATED ELECTRICAL WORKS.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BUILDERS WORKS AND SHALL EMPLOY A SUITABLY QUALIFIED BUILDING CONTRACTOR TO CARRY OUT ALL THE ASSOCIATED BUILDERS WORKS.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MECHANICAL WORKS AND SHALL EMPLOY A SUITABLY QUALIFIED MECHANICAL CONTRACTOR TO CARRY OUT ALL THE ASSOCIATED MECHANICAL WORKS.

11. THE CONTRACTOR SHALL ALLOW FOR ALL NECESSARY LABOUR, MATERIALS AND ATTENDANCES IN COMPLETING ALL THE MECHANICAL WORKS AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL WORKS AS IDENTIFIED ON THE DRAWINGS AND IN THE SPECIFICATIONS. THE CONTRACTOR SHALL EMPLOY A SUITABLY QUALIFIED ELECTRICAL CONTRACTOR TO CARRY OUT ALL THE ASSOCIATED ELECTRICAL WORKS.

13. THE CONTRACTOR SHALL ALLOW FOR ALL NECESSARY CABLE CONTAINMENT, TRUNKING, TRAY, CONDUITS, ETC. FOR THE COMPLETE ELECTRICAL INSTALLATION. ALL ELECTRICAL CABLE CONTAINMENT SHALL BE INSTALLED IN GALVINISED STEEL METAL WHICH INCLUDES ALL CONDUIT DROPS.

14. THE CONTRACTOR SHALL ALLOW FOR THE SUPPLY AND INSTALLATION OF NEW POWER CABLING AND CONTROL CABLING THROUGHOUT THE BUILDING AS INDICATED ON THE DRAWINGS. FINAL LOCATION OF ALL ITEMS SHALL BE AGREED ON SITE WITH THE EMPLOYERS REPRESENTATIVE AND THE CLIENT.

15. THE LOCATION OF THE EXISTING ELECTRICAL BOARDS IN THE BUILDING ARE AS INDICATED ON THE DRAWINGS. THIS EXISTING ELECTRICAL BOARDS SHALL CATER FOR ALL NEW ELECTRICAL ATTENDANCES REQUIRED THROUGHOUT THE BUILDING.

16. THE LOCATION OF THE EXISTING MCC CONTROLS PANEL IN THE BOILERHOUSE IS INDICATED ON THE DRAWINGS. THIS EXISTING MCC CONTROLS PANEL SHALL CATER FOR ALL NEW ELECTRICAL ATTENDANCES REQUIRED IN THE BOILERHOUSE.

17. REFER TO ALL OTHER DRAWINGS FOR SPECIFIC LOCATIONS OF CONTROL DEVICES AND MECHANICAL EQUIPMENT.

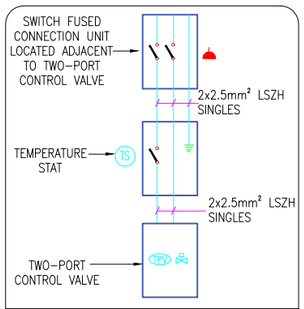
18. THE ELECTRICIAN SHALL ENSURE THAT ALL ELECTRICAL SERVICES FOR THIS PROJECT ARE INSTALLED IN ACCORDANCE WITH THE ETCI REGULATIONS.

19. ALL INSTRUMENT CABLES SHALL BE 4 PAIR BELDEN INDIVIDUALLY SCREENED C/W LSF SHEATH (U.N.O.).

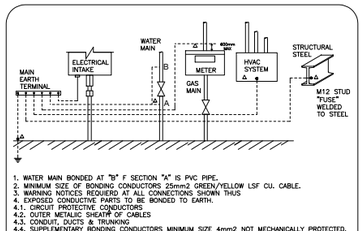
20. ALL ISOLATORS SHALL BE LABELLED USING TRAFOLYTE LABELS.

21. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR THE WIRING OF ALL THE TWO-PORT STATS AND ASSOCIATED THERMOSTATS IN THE BUILDING AS INDICATED ON THE DRAWINGS.

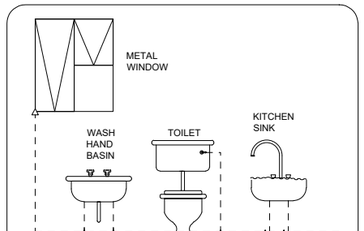
22. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR THE SUPPLY AND INSTALLATION OF A NEW FIRE ALARM INTERFACE IN THE BOILERHOUSE FOR CONNECTION TO THE GAS DETECTION SYSTEM IN THE BOILERHOUSE.



TYPICAL 2-PORT MOTORISED CONTROL VALVE WIRING DETAIL



MAIN EQUIPOTENTIAL BONDING CONNECTION



DETAIL FOR BONDING OF WATER SERVICES INSTALLATION

ELECTRICAL ATTENDANCES LEGENDS AND SYMBOLS

- TS — NEW WALL MOUNTED TEMPERATURE STAT FOR THE HEATING IN THE ROOM. STAT MOUNTED AT 1350mm ABOVE FINISHED FLOOR LEVEL.
- TPV — NEW MOTORISED TWO-PORT VALVE ON THE HEATING PIPEWORK IN A ROOM. THIS VALVE SHALL CONTROL THE HEATING IN THE ROOM AND SHALL BE LINKED AND CONNECTED TO THE WALL MOUNTED THERMOSTAT IN THE ROOM.
- NEW 13amp FUSED ELECTRICAL SPUR (SWITCHED) TO BE INSTALLED AT HIGH LEVEL FOR THE NEW MOTORISED TWO-PORT VALVE.
- P — NEW 13amp FUSED ELECTRICAL SPUR (SWITCHED) TO BE INSTALLED AT LOW LEVEL FOR THE NEW PUMPS IN THE BOILERHOUSE.
- PU — NEW 13amp FUSED ELECTRICAL SPUR (SWITCHED) TO BE INSTALLED AT LOW LEVEL FOR THE NEW PRESSURISATION UNIT IN THE BOILERHOUSE.
- * AMP — SINGLE PHASE ISOLATOR (* DENOTES RATING OF ISOLATOR)
- CONTROL WIRING BETWEEN THE THERMOSTAT AND MOTORISED TWO-PORT IN THE ROOM.
- CONTROL WIRING BETWEEN THE HEAT RECOVERY UNIT AND THE CONTROLLER IN THE ROOM.
- MCC CONTROLS PANEL — MCC CONTROLS PANEL IN THE BOILERHOUSE. THIS PANEL SHALL BE INSTALLED IN THE BOILERHOUSE AND SHALL CONTROL AND MONITOR THE M&E SYSTEMS.
- FAI — NEW FIRE ALARM INTERFACE

REV	DATE	PREPARED BY/PROJECT ENGINEER	QUALITY CHECK BY
T2	13.10.26	E.OLAYA	G. BENDORF
T1	14.08.26	D.LE BAULT	E.OLAYA

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Drawing Title: ELECTRICAL ATTENDANCES REQUIRED FOR THE BUILDING.

Architect:

Drawing No: 62(E001)

Job No.	Drawn by:	Scale:	Rev.
26-039		INDICATED	T2