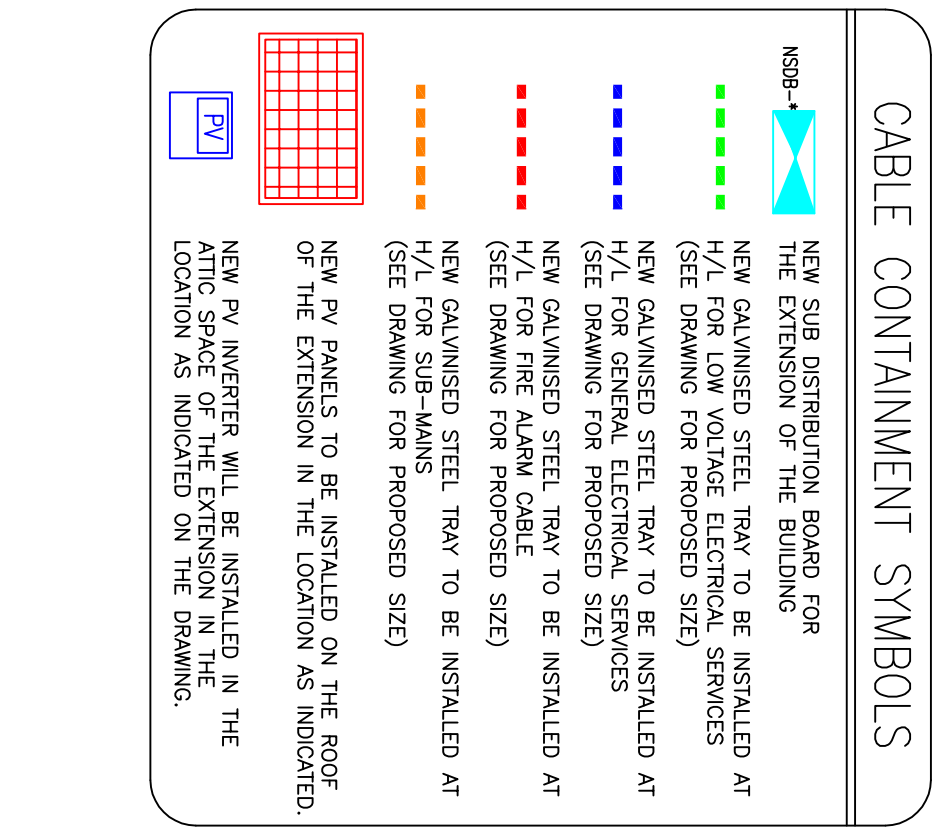
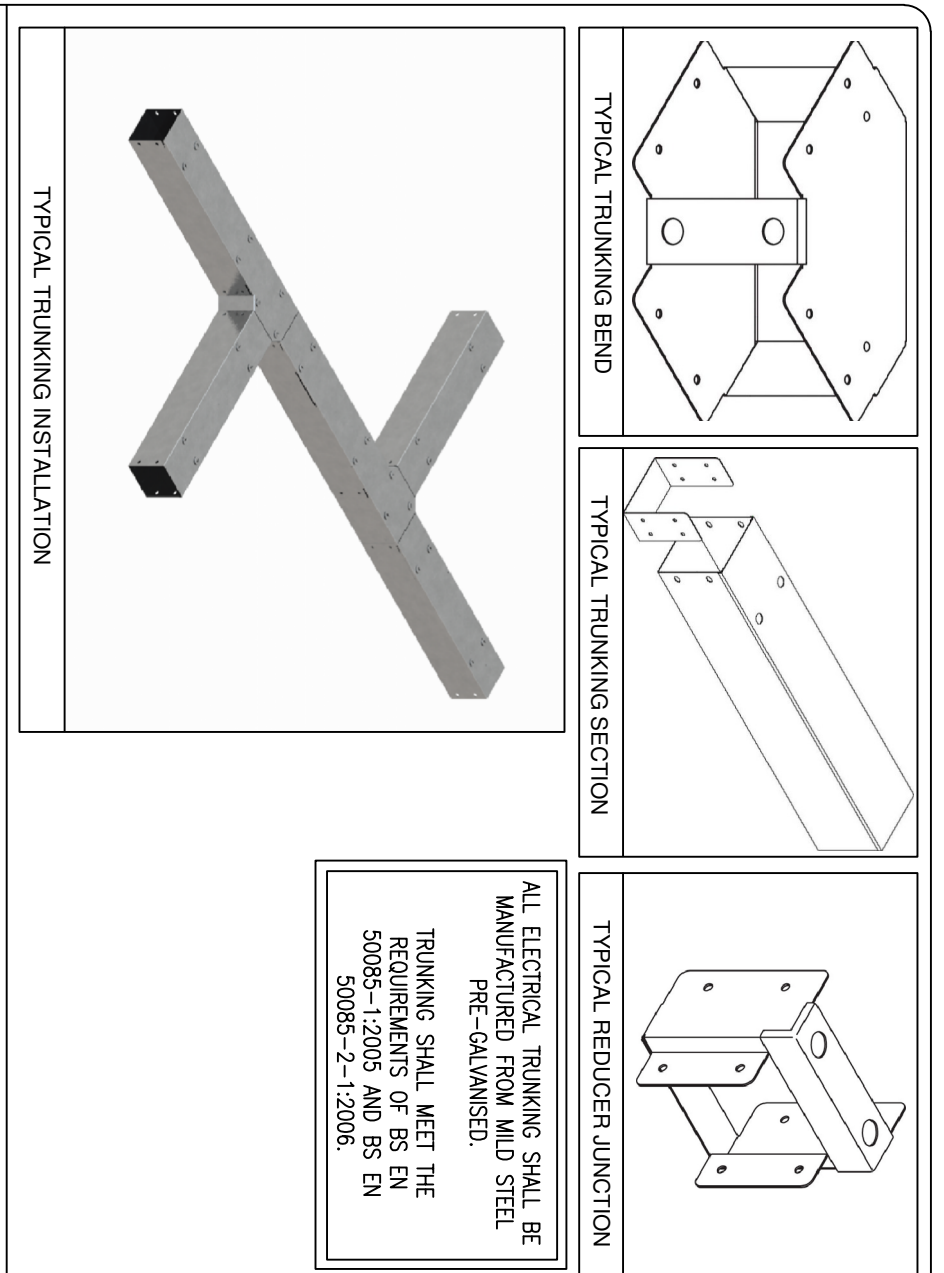
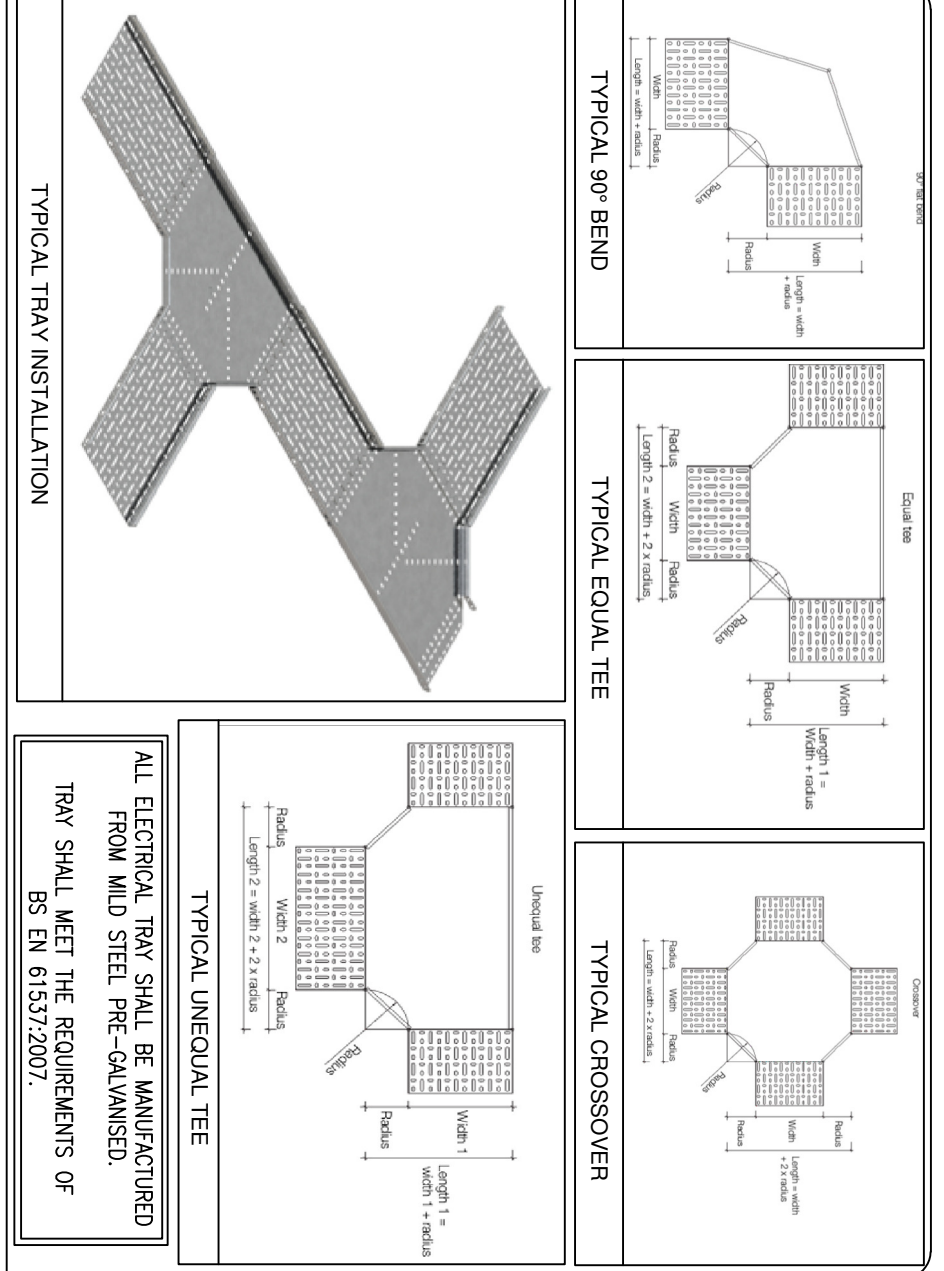
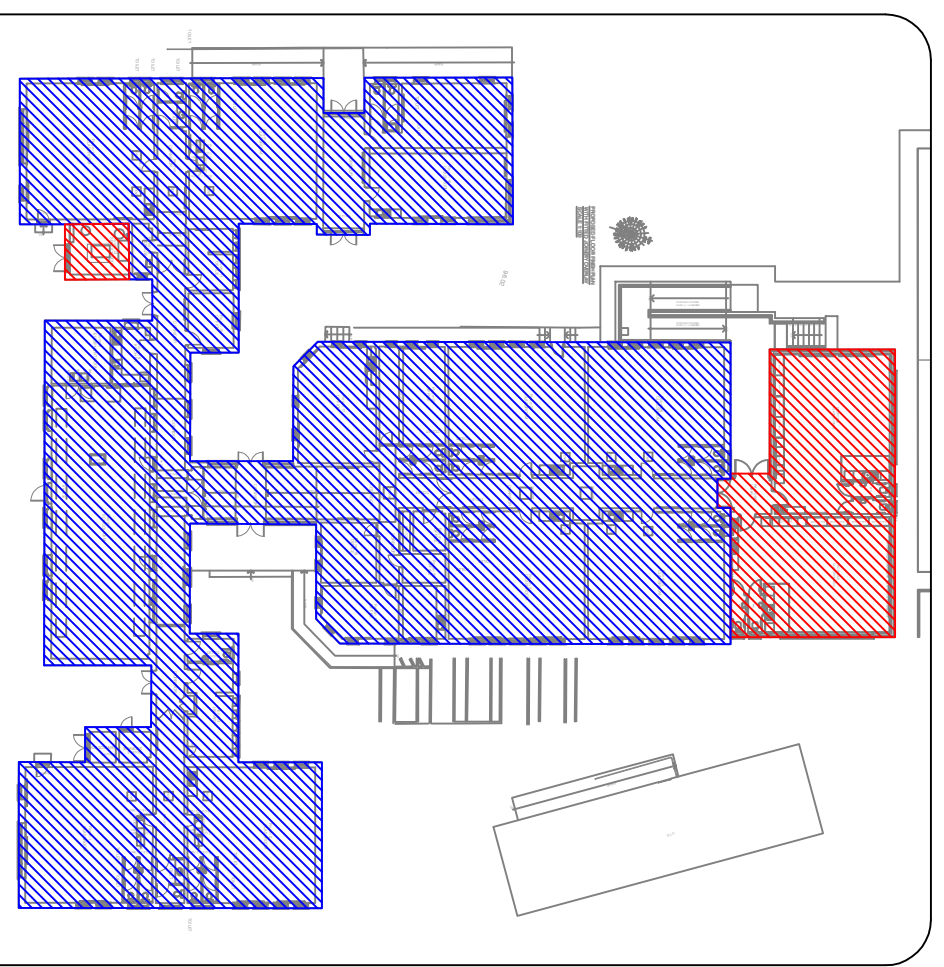
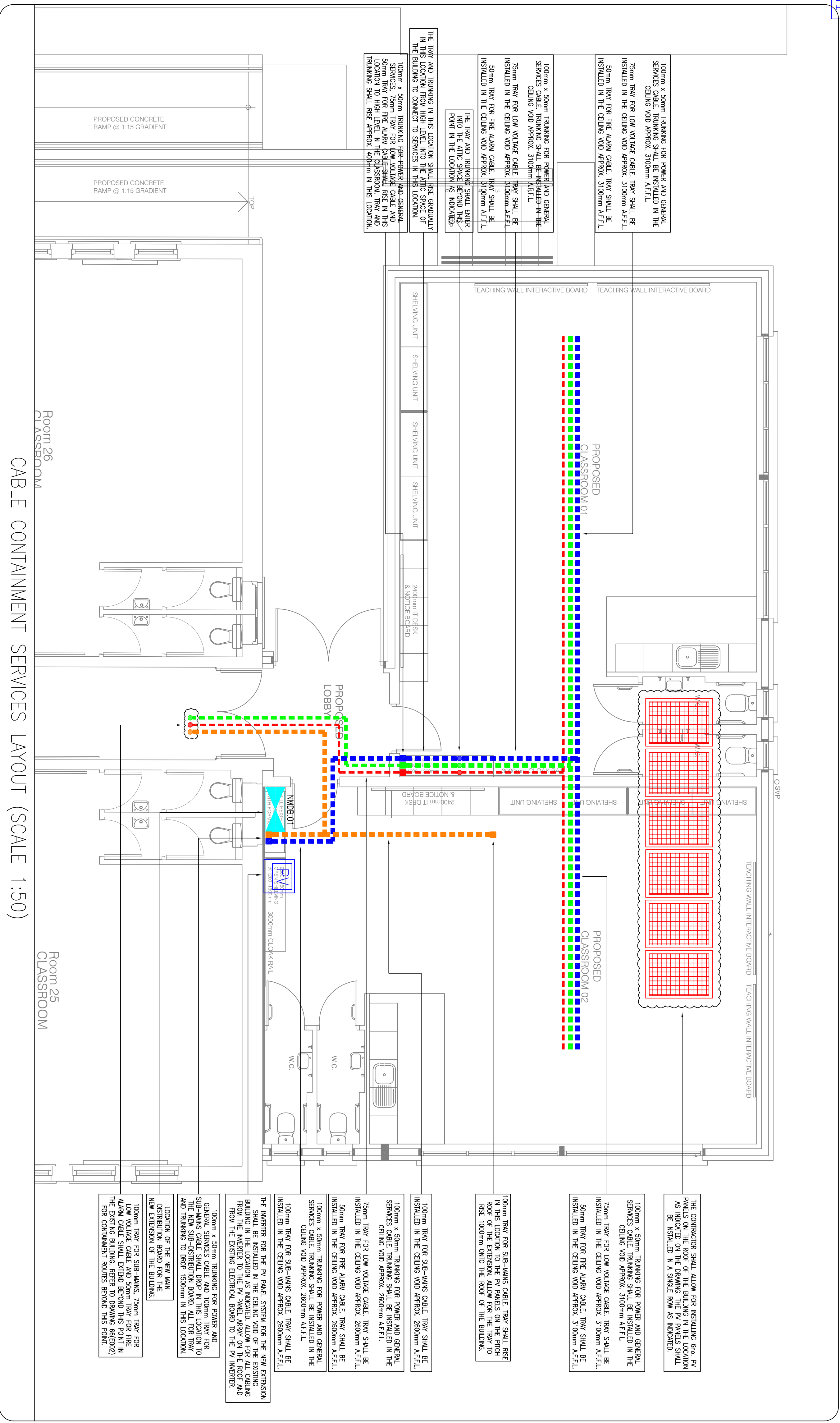




KEY PLAN OF THE BUILDING (SCALE 1:500)

AREA OF THE BUILDING WHERE MINOR WORKS SHALL BE CARRIED OUT OTHER THAN CONNECTING EXISTING SERVICES TO THE NEW SERVICES WITHIN THE NEW EXTENSION OF THE BUILDING.

ALL ELECTRICAL TRAY SHALL BE MANUFACTURED FROM MILD STEEL PRE-GALVANISED. TRAY SHALL MEET THE REQUIREMENTS OF BS EN 61532:2007.

ALL ELECTRICAL TRUNKING SHALL BE MANUFACTURED FROM MILD STEEL PRE-GALVANISED. TRUNKING SHALL MEET THE REQUIREMENTS OF BS EN 50085-2: 12006.

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 MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL THE NECESSARY INFORMATION TO ALLOW THE MAIN CONTRACTOR CO-ORDINATE ALL SERVICES.
3. 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.
4. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS TO BE TAKEN ON SITE.
5. THE CONTRACTOR SHALL ALLOW FOR THE SUPPLY AND INSTALLATION OF ALL ELECTRICAL SERVICES INDICATED ON THIS DRAWING.
6. THE CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY SUITABLE FINAL ROUTES FOR CABLE CONTAINMENT, ELECTRICAL SERVICES, ETC. AS INDICATED ON THE DRAWINGS.
7. NEW MAINS RUN OF ELECTRICAL CONTAINMENT SHALL BE INSTALLED IN THE AREAS AS INDICATED. THIS IS INDICATED ONLY AND IF THE CONTRACTOR FINDS A MORE CONVENIENT ROUTE FOR THE ELECTRICAL SERVICES ON SITE THEN THEY WILL BE ACCEPTABLE.
8. FINAL LOCATION OF ALL TYPES OF SOCKETS/IT POINTS/LIGHTING, ETC. SHALL BE AGREED ON SITE WITH THE EMPLOYERS REPRESENTATIVE AND THE CLIENT.
9. ALL SERVICES THROUGH FIRE BARRIERS SHALL BE SEALED EACH SIDE OF THE BARRIER. THE MAIN CONTRACTOR SHALL ALLOW FOR FIRE PROTECTING THE OPEN AFTER SERVICES IS INSTALLED.
10. THE CONTRACTOR SHALL ALLOW FOR ALL NECESSARY LABOUR, WIRING AND ATTENDANCES IN COMPLETING ALL THE ELECTRICAL WORKS AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS.
11. 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.

CABLE CONTAINMENT NOTES:

12. CABLE CONTAINMENT SHALL BE INSTALLED THROUGHOUT THE NEW EXTENSION OF THE BUILDING AS INDICATED ON THE DRAWINGS.
13. THIS DRAWING INDICATES MAIN RUNS FOR TRAYS & TRUNKING. THE ELECTRICAL CONTRACTOR SHALL INSTALL ALL FINAL BRANCH RUNS, RISERS, OFFSETS, ETC. AS REQUIRED TO PROVIDE A COMPLETE CONTAINMENT SYSTEM IN EACH CASE. THIS INFORMATION IS INDICATIVE ONLY. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL BENDS, TEES, AND CROSS-OVERS THAT REQUIRED TO MEET CURRENT ETCI REQUIREMENTS.
14. ALL EQUIPMENT POSITIONS ARE INDICATIVE ONLY FOR TENDERING PURPOSES. FINAL LOCATIONS TO BE DETERMINED ON SITE.
15. THE CONTRACTOR SHALL NOTE THE PHYSICAL SIZE OF ALL DISTRIBUTION EQUIPMENT. EQUIPMENT SHOWN IS INDICATIVE ONLY. PHYSICAL CABLE TRAY/RACK DIMENSIONS BEFORE INSTALLATION.
16. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL TERMINATIONS AND CABLE ROUTEWAY DETAILS.
17. ALL CONDUIT/RUNS AND LADDER ROUTES ARE DIAGRAMATIC.
18. THE CONTRACTOR MUST ENSURE 40% SPARE CAPACITY IS MAINTAINED WITHIN CONTAINMENT AT ALL TIMES.
19. THE CONTRACTOR TO INCLUDE FOR ALL NECESSARY FININGS & SUPPORTS REQUIRED TO COMPLETE INSTALLATION.
20. ALL EXPOSED WALL MOUNTED TRAYS MUST BE CLIPPED/CODED.
21. CONTRACTOR TO ALLOW FOR A SEPARATE DEDICATED DISTRIBUTION SYSTEM FOR THE FIRE ALARM CABLES TO BE SUPPORTED 200MM ABOVE TRAY OR IN CONDUIT USING THE RATED BRACKETS AND CLIPS. FIRE ALARM DISTRIBUTION TO COMPLY WITH BS278 2016X1213.
22. ALL CABLE TRAY AND TRUNKING THROUGHOUT THE EXTENSION OF THE BUILDING SHALL BE INSTALLED WITHIN THE CEILING VOID AND SHALL BE HIDDEN.
23. ALL OF THE NEW CABLE CONTAINMENT INSTALLED IN THE NEW EXTENSION OF THE BUILDING SHALL BE INTERLINKED INTO THE EXISTING CONNECTION PRESS WHEN JOINING THE NEW AND EXISTING CABLE CONTAINMENT.

PV INSTALLATION NOTES:

24. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR THE SUPPLY AND INSTALLATION OF TWO ROW OF 600 PV PANELS ON THE ROOF OF THE BUILDING. THE NEW PV SYSTEM SHALL BE INSTALLED IN THE NEW EXTENSION OF THE BUILDING. THE PV INSTALLATION SHALL BE INSTALLED ON THE ROOF OF THE BUILDING IN THE LOCATION INDICATED ON THE DRAWING.
25. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR LAYING WITH THE PV INSTALLED TO ENSURE THAT THEY ARE BOTH AWARE OF THE WORKS NECESSARY TO INSTALL THE PANELS ON THE ROOF.
26. PLEASE ENSURE THAT THE LOADING OF THE ROOF ARE SUPPORTED TO CARRY FOR THE PV INSTALLATION. EACH PANEL SHALL WEIGH APPROXIMATELY 20KG.
27. THE NEW PV SYSTEM SHALL BE INCORPORATED INTO THE NEW SUB DISTRIBUTION ELECTRICAL BOARD IN THE EXTENSION OF THE BUILDING.

MAKE CONSULTANT

REV	DATE	PREPARED BY/PROJECT ENGINEER	CHECK BY:
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