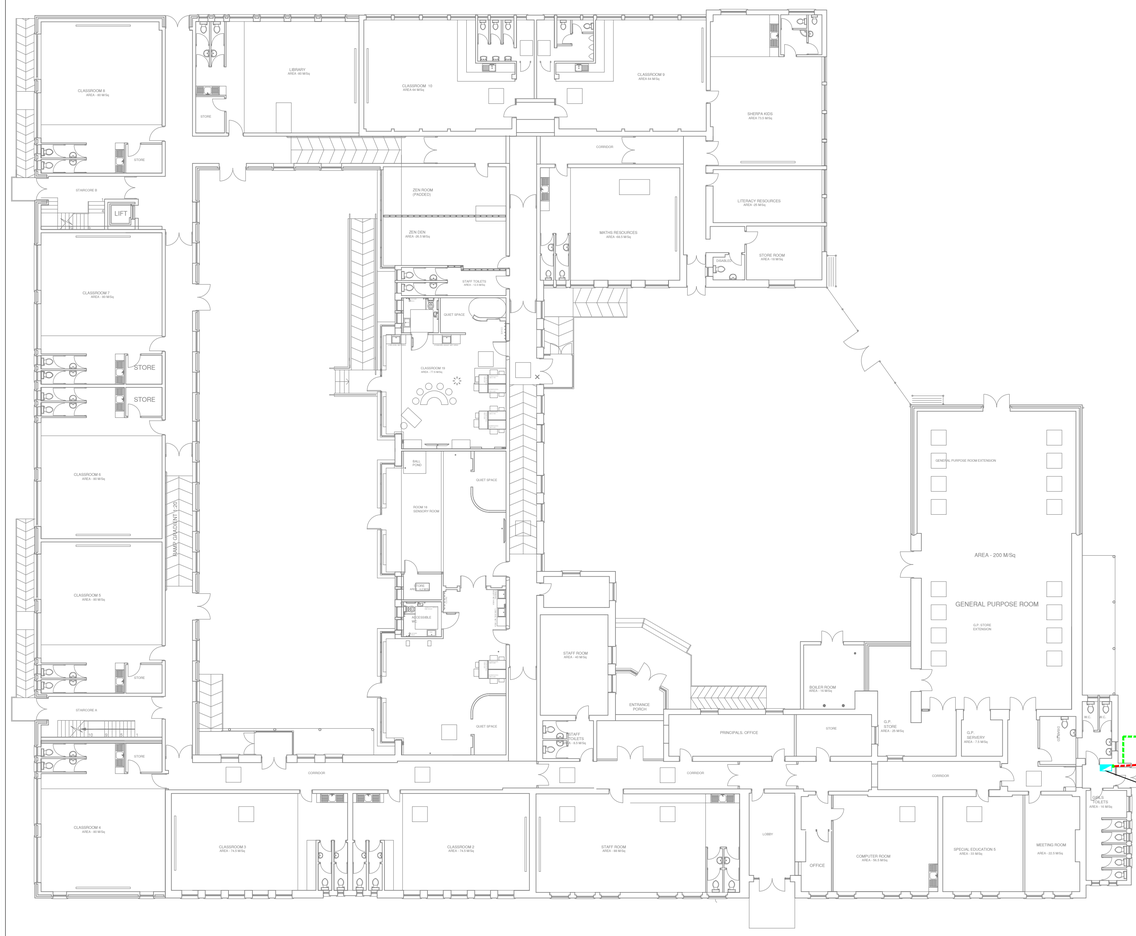
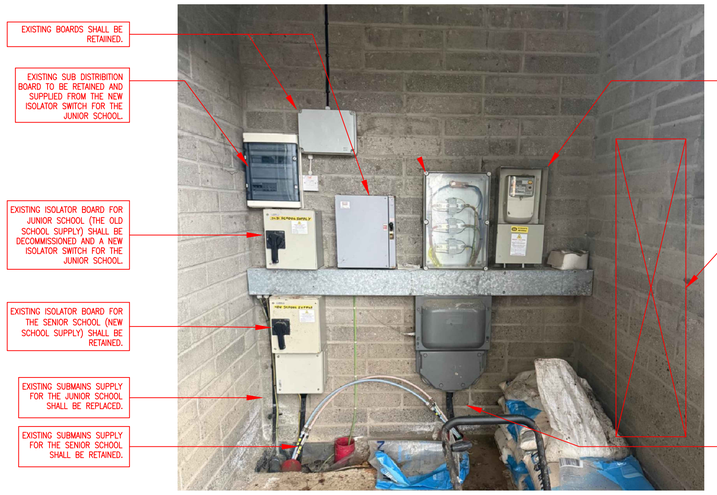
A1




# PROPOSED GROUND FLOOR PLAN







SITE SERVICES AND UNDERGROUND CABLING REQUIRED FOR THE NEW ELECTRICAL INSTALLATION FOR THE BUILDING (SCALE 1:200)

## GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PARTICULAR SPECIFICATIONS.

2. THE CONTRACTOR SHALL CO-ORDINATE FULLY WITH ALL OTHER TRADES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF ALL SERVICES AND WORKS REQUIRED FOR THE PROJECT. THE CONTRACTOR SHALL CO-ORDINATE FULLY WITH ALL OTHER TRADES BEFORE COMMENCING WORK.

3. 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. ALL DIMENSIONS IN mm, UNLESS STATED OTHERWISE

5. EXACT LOCATIONS OF ALL SERVICES TO BE AGREED ON SITE. FINAL LOCATIONS OF ALL SERVICES TO BE CO-ORDINATED ON SITE WITH EXISTING LOOSE AND FIXED FURNITURE LAYOUTS IN THE ROOM.

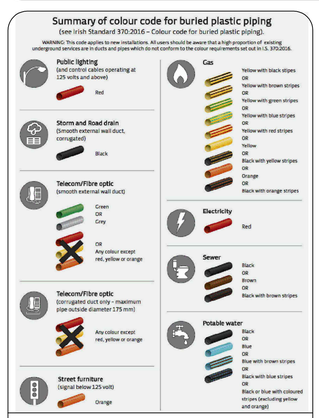
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL WORKS AND BUILDERS WORKS AS IDENTIFIED ON THE DRAWINGS AND IN THE SPECIFICATIONS.

7. THE MAJORITY OF THE EXISTING ELECTRICAL INSTALLATION THROUGHOUT THE BUILDING SHALL BE DECOMMISSIONED AND REMOVED AND REPLACED WITH NEW ELECTRICAL INSTALLATIONS. THE CONTRACTOR SHALL ALLOW FOR DECOMMISSIONING THE FOLLOWING ITEMS THROUGHOUT THE BUILDING AS INDICATED ON THE DRAWINGS:

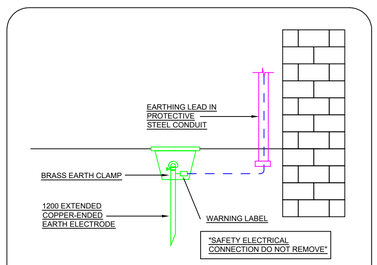
- THE EXISTING ELECTRICAL BOARDS IN THE BUILDING SHALL BE DECOMMISSIONED AND REMOVED. PLEASE NOTE THERE ARE 6no EXISTING SUB-DISTRIBUTION ELECTRICAL BOARDS AND 1no MAIN DISTRIBUTION ELECTRICAL BOARD TO BE DECOMMISSIONED AND REMOVED IN THE BUILDING (APART FROM THE ASD CENTRAL BLOCK BOARD AND TO NEW COOKER BOARD).
- THE EXISTING POWER AND GENERAL SERVICES INSTALLATION THROUGHOUT THE BUILDING (APART FROM THE ASD CENTRAL BLOCK AND TO NEW COOKER) SHALL BE DECOMMISSIONED AND REMOVED. INCLUDING ALL SOCKETS, SPURS, ISOLATORS, CABLING, ETC.
- THE EXISTING GENERAL LIGHTING SERVICES INSTALLATION THROUGHOUT THE BUILDING (APART FROM THE ASD CENTRAL BLOCK) AND ALL THE EXTERNAL LIGHTING SHALL BE DECOMMISSIONED AND REMOVED INCLUDING ALL LIGHT FITTINGS, CABLING, CONTAINMENT, ETC.
- THE EXISTING EMERGENCY LIGHTING SERVICES INSTALLATION THROUGHOUT THE BUILDING AND THE NEW EXTENSION SHALL BE DECOMMISSIONED AND REMOVED INCLUDING ALL EMERGENCY LIGHT FITTINGS, CABLING, CONTAINMENT, ETC.
- THE EXISTING FIRE ALARM SERVICES INSTALLATION THROUGHOUT THE BUILDING AND THE EXTENSION BUILDING SHALL BE DECOMMISSIONED AND REMOVED INCLUDING ALL SMOKE DETECTORS, HEAT DETECTORS, PANELS, ETC.

## SITE SERVICES NOTES:

8. THE CONTRACTOR SHALL REUSE THE EXISTING TRENCH AS INDICATED ON THE DRAWINGS.



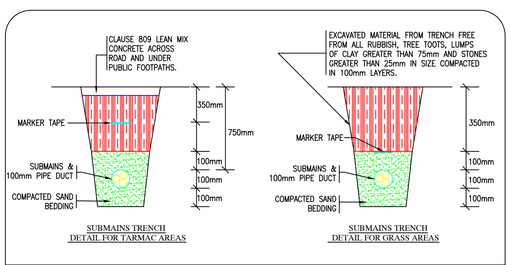

COLOUR CODING OF DUCTS IN TRENCHES FOR M&E SERVICES




N.B. PARALLEL EARTH ELECTRODES TO BE SEPERATED BY A DISTANCE EQUAL TO TWICE THE LENGHT OF THE DEEPEST ROD OR AS REQUIRED

DETAIL A

DETAIL FOR MAIN EARTH ELECTRODE




DETAIL B

DETAIL FOR THE TRENCH REQUIRED FOR SUB-MAINS CABLING FOR ALL ELECTRICAL CABLING

## SITE SERVICES SYMBOLS

| | |
|---|---|
| NMDB-** | NEW MAIN METERED DISTRIBUTION ELECTRICAL BOARD FOR BOTH SCHOOL BUILDINGS. BOARD SHALL BE LOCATED IN THE LOCATION AS INDICATED ON DRAWING. (* DENOTES NUMBER OF BOARD) |
| | DENOTES EXISTING 100mm UNDERGROUND uPVC DUCT (RED) FOR UNDERGROUND SUBMAINS CABLING BETWEEN EXISRTING BOARD IN THE ESB ROOM TO THE NEW MAIN ELECTRICAL BOARD. THE EXISTING DUCTING SHALL BE USED BY THE ELECTRICAL CONTRACTOR AS PART OF THIS CONTRACT. |
| | DENOTES EXISTING 100mm UNDERGROUND uPVC DUCT (RED) FOR UNDERGROUND EARTH CABLING FROM THE NEW MAIN ELECTRICAL BOARD. THE NEW DUCTING SHALL BE USED BY THE ELECTRICAL CONTRACTOR AS PART OF THIS CONTRACT. |
| | DENOTES POP-UP OF DUCTING EXTERNALLY ON THE BUILDING. |
| | DENOTES NEW MAIN EARTH ELECTRODE TO BE INSTALLED IN THE GROUND EXTERNALLY FOR THE NEW MAIN ELECTRICAL BOARD. SEE 'DETAIL B' ON DRAWING FOR INFORMATION ON THE TRENCH REQUIRED FOR THE CABLE AND 'DETAIL A' FOR DETAIL ON THE MAIN EARTH ELECTRODE. |

| REV | DATE | PREPARED BY/PROJECT ENGINEER | QUALITY CHECK BY: |
|---|---|---|---|
| T1 | 16.11.26 | R. WHYTE | M. GORMLEY |


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Drawing Status
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Job Title
RATOATH JUNIOR N.S.
RATOATH,
CO. MEATH.
A85 P296

Drawing Title
UPGRADED ELECTRICAL SITE SERVICES TO BE INSTALLED FOR THE NEW ELECTRICAL INSTALLATION.

Architect

Drawing No:
60(E001)

| Job No. | Drawn by: | Scale: | Rev. |
|---|---|---|---|
| 26-066 | R.W. | 1:200 on A1 | T1 |