THIS DRAWING IS FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCING WORKING DRAWINGS

NEW SUBMAINS TO ENTER THE SCHOOLS ATTIC SPACE AT HIGH LEVEL AT THIS LOCATION. CONTRACTOR TO FORM A 200 X 150 OPENING IN SOFFIT FOR INTAKE OF NEW SUBMAINS TO MSB-2. CONTRACTOR TO UTILISE THE EXISTING ESB INCOMER AS A DUCT FOR NEW SUBMAINS SUPPLY TO EXISTING MSB-1.

MAIN ESB INCOMER IS UNDERSTOOD TO ENTER THE SCHOOL AT THIS LOCATION. HOWEVER, THIS IS INDICATIVE ONLY, AS NO GPR SURVEY INFORMATION IS CURRENTLY AVAILABLE. FURTHER INVESTIGATION AND VERIFICATION ON SITE WILL BE REQUIRED PRIOR TO ANY WORKS.

EXISITNG ESB METER AND SCHOOL MAIN SWITCHBOARD.

- ESB METER TO BE DECOMMISSIONED AND REMOVED.
- CONTRACTOR TO TRACE SUPPLY INTAKE OF ESB CABLE

CONTRACTOR TO PROVIDE A NEW ELECTRICAL SUPPLY FROM THE PROPOSED EXTERNAL METER ENCLOUSURE TO THE PROPOSED SUB.

- NEW SUB MAINS TO RUN ON 200 X 60 SUB MAIN CABLE TRAY IN ATTIC SPACE.

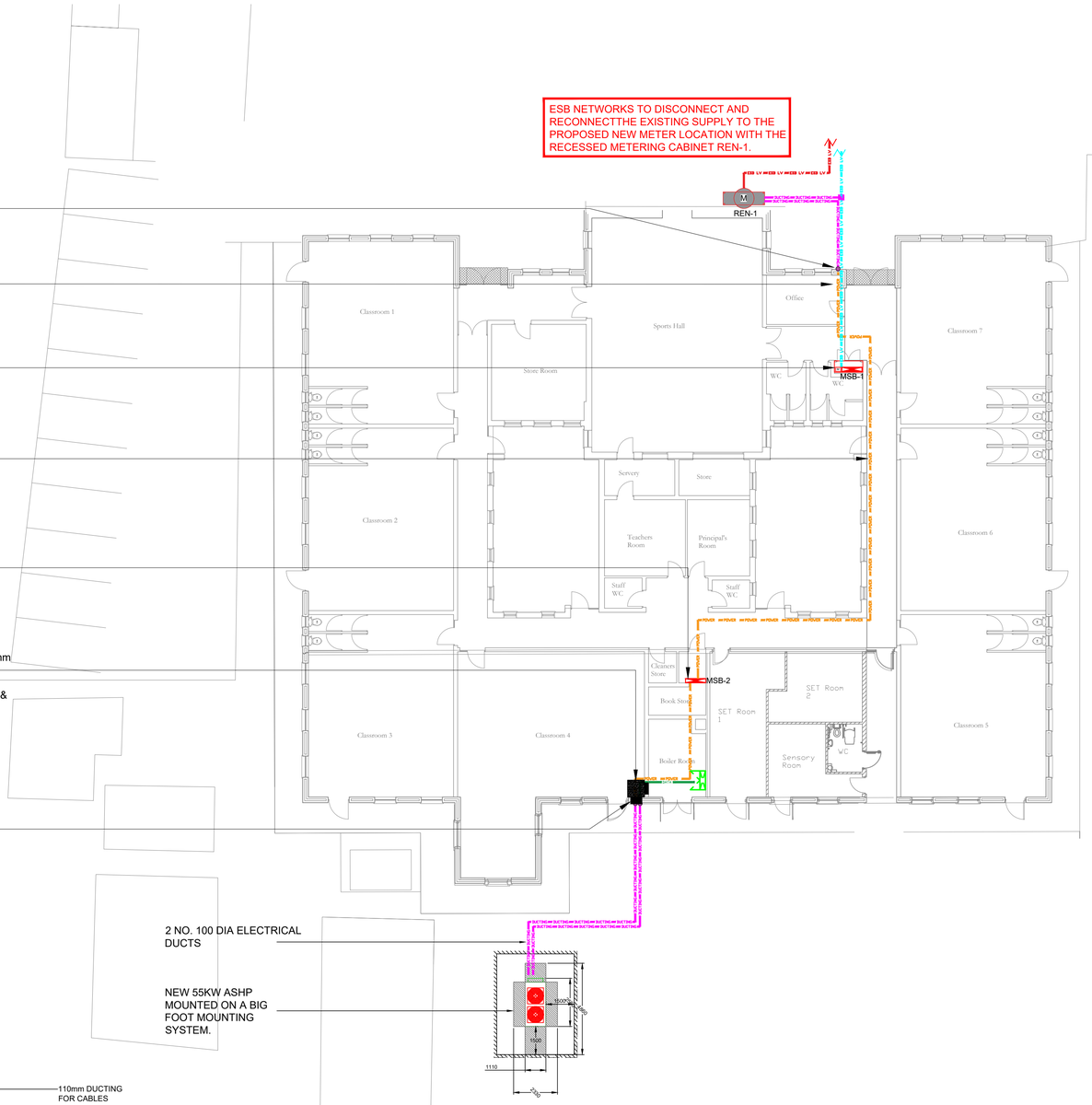
PROPOSED LOCATION OF THE NEW SCHOOL SUB DISTRIBUTION BOARD AS INDICATED ON THE DRAWING. FINAL POSITIONING IS SUBJECT TO AGREEMENT WITH THE SCHOOL AUTHORITY. COORDINATION WILL BE REQUIRED TO ENSURE THE LOCATION IS SUITABLE IN TERMS OF ACCESS AND OPERATIONAL REQUIREMENTS.

900 X 900 X 200mm BOXING TO CONCEAL HIGH LEVEL SERVICES. BOXING SHALL BE 18mm MR MDF WITH 50x50mm SOFTWOOD FRAME. ALL EXPOSED EDGES TO BE SEALED AND SANDED TO PROVIDE A SMOOTH FINISH. FINISH TO MATCH EXISTING CEILING COLOUR WITH 2 COATS PRIMER & 2 TOP COATS.

2 NO. 600 X 150 OPENING THROUGH INTERNAL WALL AND MAKING GOOD TO MATCH EXISTING

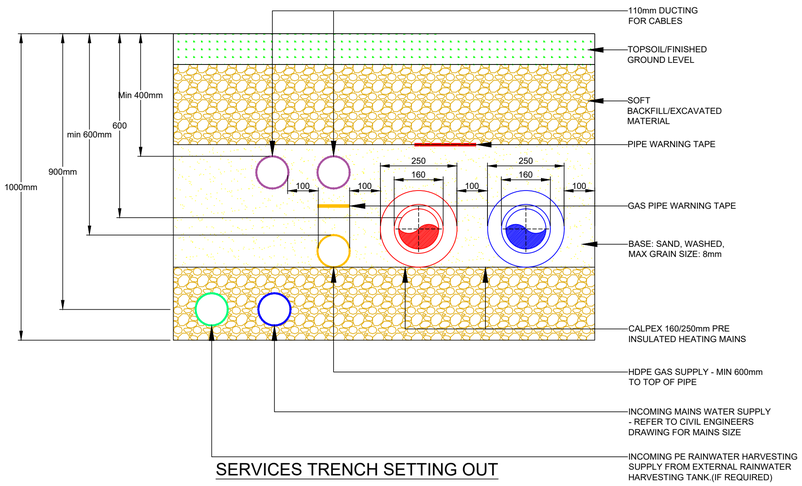
SERVICES TO RISE AND ENTER PLANTROOM/BOILERROOM VIA THE EXTERNAL WALL.

ESB NETWORKS TO DISCONNECT AND RECONNECTTHE EXISTING SUPPLY TO THE PROPOSED NEW METER LOCATION WITH THE RECESSED METERING CABINET REN-1.



2 NO. 100 DIA ELECTRICAL DUCTS

NEW 55KW ASHP MOUNTED ON A BIG FOOT MOUNTING SYSTEM.



SERVICES TRENCH SETTING OUT

SYMBOL LEGEND:

ESB LV	DENOTES NEW UNDEGROUND NAT GAS SUPPLY.
ESB LV	PROPOSED ESB LV (400V/230V) CABLE ROUTE INSTALLED WITHIN 125mm ESB LV DUCTING BY THE MAIN CONTRACTOR IN ACCORDANCE WITH ESB MV/LV DUCTING SPECIFICATION HANDBOOK.
DUCTING	100mmØ DUCTING FOR LOW VOLTAGE/CONTROL CABLING FOR MECHANICAL EQUIPMENT.
POWER	DENOTES MINIMUM 200 X 60 CABLE TRAY FOR SUB MAINS CABLING
	REDUNDANT SERVICES/SUPPLIES TO BE ISOLATED AND REMOVED.
M	REDUNDANT SERVICES/SUPPLIES TO BE ISOLATED AND REMOVED.
	DENOTES EXISTING AND PROPOSED SCHOOL SWITCHBOARDS
M	PROPOSED NEW METERING ENCLOUSURE(RENCAB/RENLEY)

SITE SERVICES CO-ORDINATION NOTES:

1. THE MAIN CONTRACTOR SHOULD NOTE WHEN TENDERING THAT ALL LIAISON WITH RELEVANT WILLING BODIES FOR CO-ORDINATION AND PROGRAMMING IS THE RESPONSIBILITY OF THE CONTRACTOR TEAM.
2. THE CONTRACTOR TEAM SHALL ARRANGE CO-ORDINATION MEETINGS WITH THE UTILITY BOIDES TO SATISFY THEMSELVES WITH THE KNOWLEDGE TO ALLOW FOR THE DELIVERY OF LIVE SERVICES AT PROJECT HANDOVER.
3. ANY TEMPORARY WATER OR POWER CONNECTIONS SHALL BE METERED BY MAIN CONTRACTOR. METER READINGS SHALL BE TAKEN AT PROJECT HANDOVER FOR RE-IMBURSEMENT TO CLIENT.
4. WHERE NOTED AND APPLICABLE, THE MAIN CONTRACTOR SHALL COMPLETE ALL GROUND WORKS EXCAVATIONS OF SERVICE TRENCHES ONCE COMPLETE.

BEFORE COMMENCING WORKS THE SUB-CONTRACTOR IS ADVISED TO INSPECT THE SITE AND TO MAKE THEMSELVES FULLY AQUAINTED BY THEIR OWN INDEPENDANT OBSERVATIONS AND INQUIRIES AS TO THE NATURE, EXTENT AND PRACTICABILITY OF THE WORKS THE SUPPLY OF AND THE CONDITIONS AFFECTING LABOUR AND GENERALLY OF ALL DETAILS AND MATTERS WHICH MAY IN ANY WAY AFFECT THEIR SCOPE OF WORK.

REV	DESCRIPTION	DRN	CKD	DATE
P02	TENDER STAGE	KC	SK	20.04.2026
P01	FOR APPROVAL	KC	SK	24.02.2026

ISSUE PRELIMINARY STAGE

semple mckillop
NATURALLY INNOVATIVE **CONSULTING ENGINEERS**
ISO 9001 ISO 14001 ISO 45001 Registered
Belfast +44 (0)28 90331700
Castleblayney +353 (0)42 9749570
www.semplemckillop.com admin@semplemckillop.com

PROJECT TITLE
ENERGY PATHFINDER MEATH SCHOOLS
SCOIL NA RITHE

DRAWING TITLE
BUILDING SERVICES DRAWING

DRAWING REFERENCE	DRN	SCALE
3232-SMK-8.1-SI-DR-ME-5001 (Project - Originator - Volume - Level - Type - Role - Number)	KC	A1 1:200