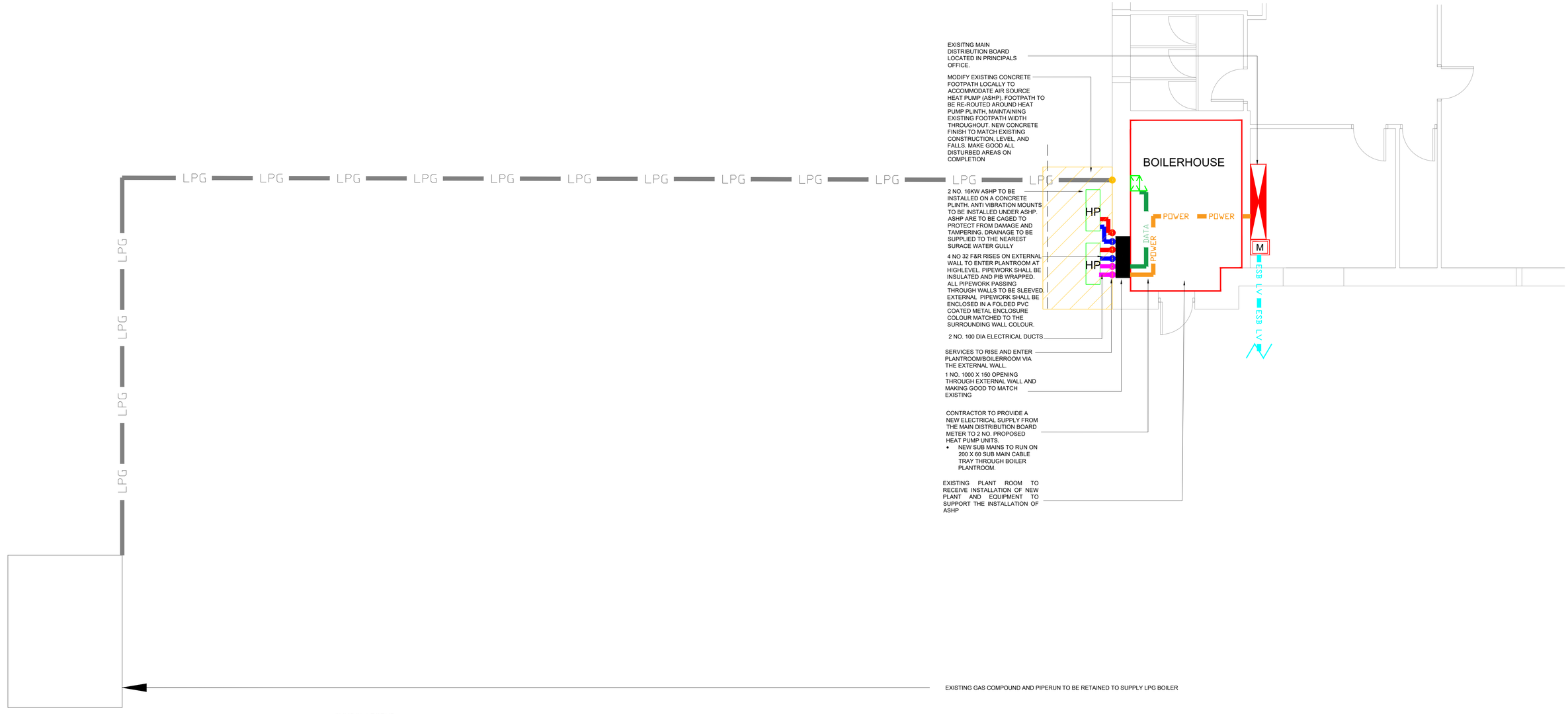
THIS DRAWING IS FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCING WORKING DRAWINGS



EXISITNG MAIN DISTRIBUTION BOARD LOCATED IN PRINCIPALS OFFICE.

MODIFY EXISTING CONCRETE FOOTPATH LOCALLY TO ACCOMMODATE AIR SOURCE HEAT PUMP (ASHP). FOOTPATH TO BE RE-ROUTED AROUND HEAT PUMP PLINTH, MAINTAINING EXISTING FOOTPATH WIDTH THROUGHOUT. NEW CONCRETE FINISH TO MATCH EXISTING CONSTRUCTION, LEVEL, AND FALLS. MAKE GOOD ALL DISTURBED AREAS ON COMPLETION

2 NO. 16KW ASHP TO BE INSTALLED ON A CONCRETE PLINTH. ANTI VIBRATION MOUNTS TO BE INSTALLED UNDER ASHP. ASHP ARE TO BE CAGED TO PROTECT FROM DAMAGE AND TAMPERING. DRAINAGE TO BE SUPPLIED TO THE NEAREST SURACE WATER GULLY

4 NO 32 F&R RISES ON EXTERNAL WALL TO ENTER PLANTROOM AT HIGHLEVEL. PIPEWORK SHALL BE INSULATED AND PIB WRAPPED. ALL PIPEWORK PASSING THROUGH WALLS TO BE SLEEVED. EXTERNAL PIPEWORK SHALL BE ENCLOSED IN A FOLDED PVC COATED METAL ENCLOSURE COLOUR MATCHED TO THE SURROUNDING WALL COLOUR.

2 NO. 100 DIA ELECTRICAL DUCTS

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

1 NO. 1000 X 150 OPENING THROUGH EXTERNAL WALL AND MAKING GOOD TO MATCH EXISTING

CONTRACTOR TO PROVIDE A NEW ELECTRICAL SUPPLY FROM THE MAIN DISTRIBUTION BOARD METER TO 2 NO. PROPOSED HEAT PUMP UNITS.

- NEW SUB MAINS TO RUN ON 200 X 60 SUB MAIN CABLE TRAY THROUGH BOILER PLANTROOM.

EXISTING PLANT ROOM TO RECEIVE INSTALLATION OF NEW PLANT AND EQUIPMENT TO SUPPORT THE INSTALLATION OF ASHP

EXISTING GAS COMPOUND AND PIPERUN TO BE RETAINED TO SUPPLY LPG BOILER

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.

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

REV	DESCRIPTION	DRN	CKD	DATE
P02	TENDER STAGE	KC	SF	20.04.2026
P01	TA ISSUE	KC	SF	10-04-2026

ISSUE: TENDER STAGE

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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
SCHOOLS ENERGY PATHFINDER - 8.3
CASTLEJORDAN NATIONAL SCHOOL

DRAWING TITLE
SITE SERVICES DRAWING

DRAWING REFERENCE	DRN	SCALE
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