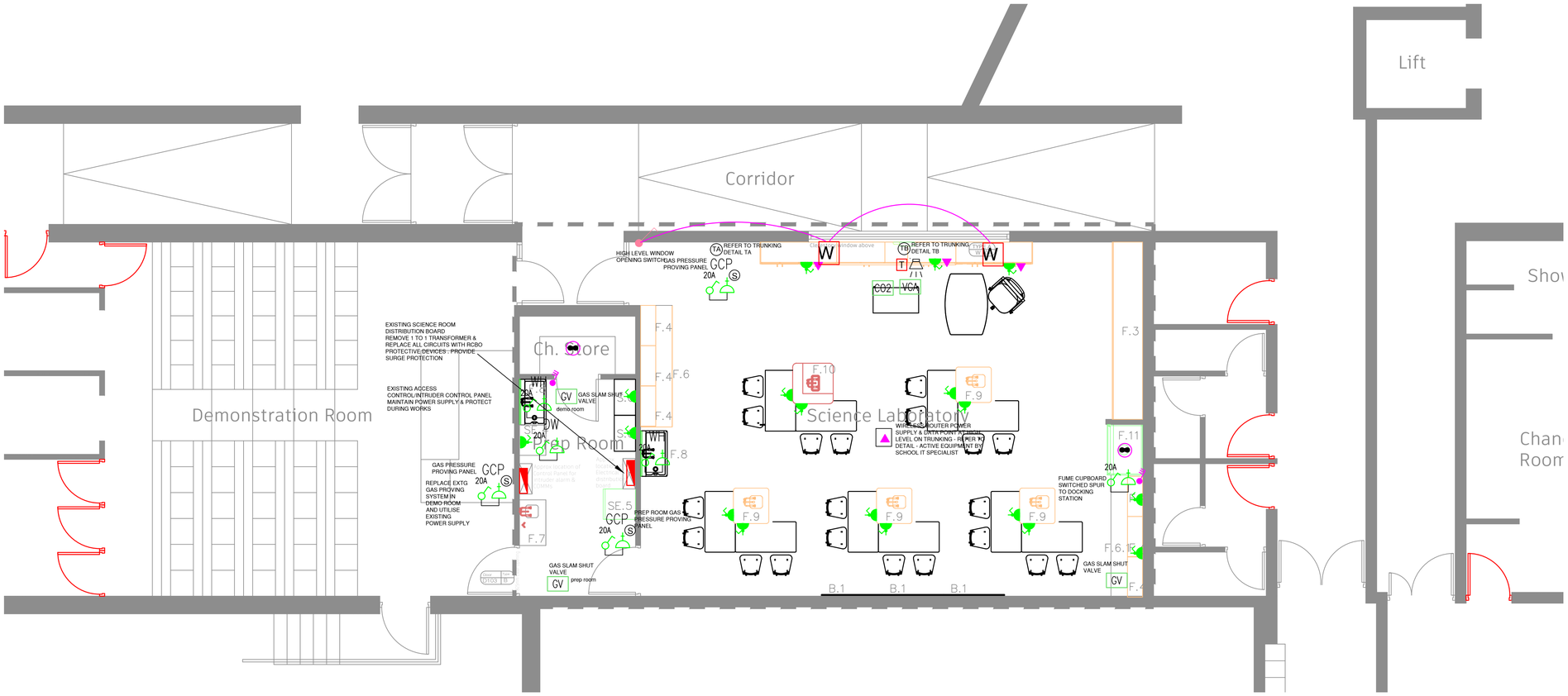


CIRCUIT DETAILS		
CIRCUIT DESCRIPTION	CABLE SIZE [MM SQ	MCB RATING
LIGHTING	2.5	10
SOCKET CIRCUIT'S RADIAL	4	20A/30MA RCD
FRIDGE SUPPLY	4	20A/30MA RCD
COMMS EQ	4	20
PUMPS	4	20
COOKER	6	30A
SHOWER	10	50A/
WASHING MACHINE	4	20A/30MA RCD
DISHWASHER	4	20A/30MA RCD
EXTRACT FANS	2.5	10A



SYMBOLS

- UNSWITCHED TWIN SOCKET OUTLET WITH DUAL EARTH
- TWIN SOCKET OUTLET
- MAIN DISTRIBUTION BOARD
- CAT 6E OUTLET
- DATA TRUNKING
- T — ROOM STAT WIRED BACK TO BOILERHOUSE
- 3 POLE FAN ISOLATION SWITCH
- MECHANICAL EXTRACT FAN
- ICT — ICT COMMS PATCH/CABINET C/W 20A DEDICATED FUSED SPUR
- VGA — VGA CABLING TERMINATION OUTLET
- FUSED SP&N SPUR & REMOTE NEON SWITCH FOR APPLIANCE & RATING AS NOTED
- ONE WAY PA LOUDSPEAKER
- S — GAS SYSTEM EMERGENCY KNOCK OFF BUTTON
- T — WALL MOUNTED TEMPERATURE STAT
- W — HIGH LEVEL WINDOW ACTUATOR SUPPLY SA SP&N

1	ICT 20A
2	20A STORE HEATER
3	25A HEAT PUMP WITH 30mA RCD
4	25A HEAT PUMP WITH 30mA RCD
5	16A HEAT PUMP WITH 30mA RCD
6	32A SMALL POWER RING MAIN WITH 30mA RCBO
7	GAS SERVICE 5A LOCKABLE
8	FIRE ALARM 5A LOCKABLE
9	20A WATER HEATER TIMECLOCK & 30mA RCBO
10	20A WATER HEATER TIMECLOCK & 30mA RCBO
11	SPARE
12	10A LIGHTING (INTERNAL)
13	10A LIGHTING (External with hand off auto controls)
14	SPARE
15	SPARE
16	SPARE

DISTRIBUTION BOARD DETAIL

Rev	Description			Date

CLIENT/ARCH

KEYS MONAGHAN ARCHITECTS/CAVAN MONAGHAN EDUCATION & TRAINING BOARD

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Project

INVER COLLEGE, CARRICKMACROSS, Co. MONAGHAN REFURBISHMENT OF EXISTING SCIENCE ROOM

Drawing Title:

SMALL POWER & COMMS INSTALLATION

Scale at A1	Drwn By	Date	Chkd By	Date
1-50@A1	LM	MAR 2026	CB	MAR 2026

Project No.	Drawing No.	Revision
1897	1897/26/E101	P