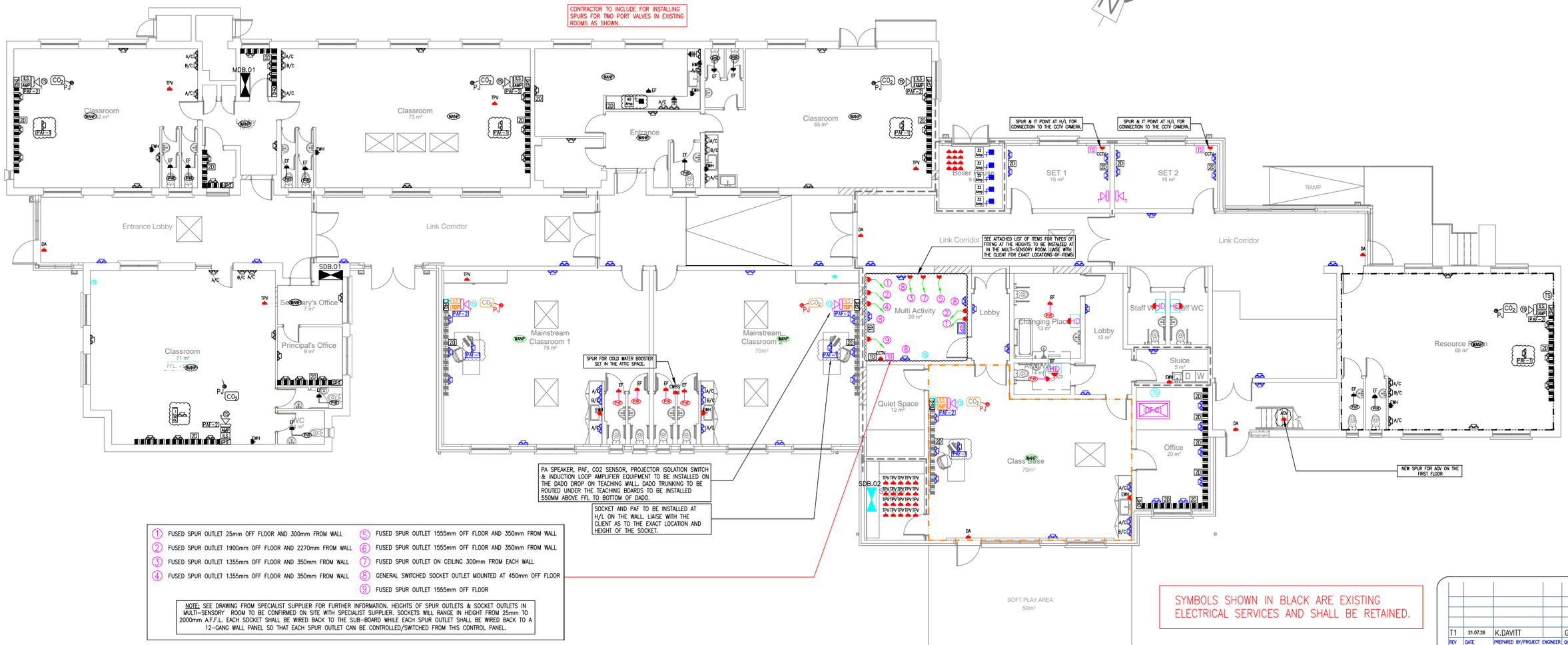
A1



1. FUSED SPUR OUTLET 25mm OFF FLOOR AND 300mm FROM WALL
2. FUSED SPUR OUTLET 1900mm OFF FLOOR AND 2270mm FROM WALL
3. FUSED SPUR OUTLET 1355mm OFF FLOOR AND 350mm FROM WALL
4. FUSED SPUR OUTLET 1355mm OFF FLOOR AND 350mm FROM WALL
5. FUSED SPUR OUTLET 1555mm OFF FLOOR AND 350mm FROM WALL
6. FUSED SPUR OUTLET 1555mm OFF FLOOR AND 350mm FROM WALL
7. FUSED SPUR OUTLET ON CEILING 300mm FROM EACH WALL
8. GENERAL SWITCHED SOCKET OUTLET MOUNTED AT 450mm OFF FLOOR
9. FUSED SPUR OUTLET 1555mm OFF FLOOR

NOTE: SEE DRAWING FROM SPECIALIST SUPPLIER FOR FURTHER INFORMATION. HEIGHTS OF SPUR OUTLETS & SOCKET OUTLETS IN MULTI-SENSORY ROOM TO BE CONFIRMED ON SITE WITH SPECIALIST SUPPLIER. SOCKETS WILL RANGE IN HEIGHT FROM 25mm TO 2000mm A.F.F.L. EACH SOCKET SHALL BE WIRED BACK TO THE SUB-BOARD WHILE EACH SPUR OUTLET SHALL BE WIRED BACK TO A 12-GANG WALL PANEL SO THAT EACH SPUR OUTLET CAN BE CONTROLLED/SWITCHED FROM THIS CONTROL PANEL.

SYMBOLS SHOWN IN BLACK ARE EXISTING ELECTRICAL SERVICES AND SHALL BE RETAINED.

POWER & GENERAL SERVICES LAYOUT

POWER & GENERAL SERVICES SYMBOLS

- SINGLE 13A SWITCHED SOCKET OUTLET
- TWIN 13A SWITCHED SOCKET OUTLET
- IP65 — IP65 RATED TWIN 13A SWITCHED SOCKET OUTLET
- CCTV — SINGLE 13A SWITCHED SPUR OUTLET FOR CCTV SYSTEM.
- DA — SINGLE 13A SWITCHED SPUR OUTLET FOR DOOR ACCESS SYSTEM.
- EF — SINGLE 13A SWITCHED SPUR OUTLET FOR EXTRACT FANS.
- *T — CAT 6A OUTLET FOR TELEPHONE (* DENOTES NO. OF OUTLETS)
- *D — CAT 6A OUTLET FOR DATA (* DENOTES NO. OF OUTLETS)
- *D — CAT 6A OUTLET FOR DOOR ACCESS (* DENOTES NO. OF OUTLETS)
- *D — CAT 6A OUTLET FOR CCTV CAMERAS (* DENOTES NO. OF OUTLETS)
- SDB-* — NEW SUB DISTRIBUTION BOARD FOR THE EXTENSION OF THE BUILDING
- EMDB-* — EXISTING MAIN DISTRIBUTION BOARD FOR THE EXISTING BUILDING
- NMDB-* — NEW MAIN DISTRIBUTION BOARD FOR THE ENTIRE BUILDING
- MDF-01 — EXISTING MAIN COMMUNICATIONS CABINET FOR THE BUILDING
- IDF-01 — NEW INTERMEDIATE COMMUNICATIONS CABINET FOR THE EXTENSION OF THE BUILDING
- CONTROL WIRING
- A/C — ABOVE COUNTER
- B/C — BELOW COUNTER
- PIR — REMOTE PIR CONTROL FOR THE EXTRACT FAN
- FAP — SINGLE 13A UNSWITCHED SPUR OUTLET FOR THE POWER SUPPLY TO THE FIRE ALARM REPEATER PANEL. SPUR OUTLET INSTALLED AT APPROXIMATELY 1400mm A.F.F.L.
- SH — SINGLE 40A UNSWITCHED SPUR OUTLET FOR THE ELECTRIC SHOWER. SPUR OUTLET INSTALLED AT APPROXIMATELY 2600mm A.F.F.L.
- CO_2 — CO_2 MONITOR WITH LED DISPLAY MOUNTED AT 1400mm A.F.F.L.
- PJ — DOUBLE POLE ISOLATING SWITCH FOR ISOLATING THE POWER TO THE DOUBLE SOCKET AT HIGH LEVEL ON THE DADO TRUNKING.
- HD — HAND-DRYER C/W SWITCHED SPUR
- TS — WALL MOUNTED ROOM STAT
- WANP — WIRELESS ACCESS NETWORK POINT (WIFI POINT). POINT SHALL BE WIRED IN CAT 6A CABLE
- TPV — 2-PORT MOTORISED VALVE
- SCP — 12-GANG WALL MOUNTED CONTROL PANEL FOR SOCKETS/SPURS IN SENSORY ROOM
- PUBLIC ADDRESS SYSTEM WITH TALK BACK FACILITY (INTERNAL)
- PUBLIC ADDRESS SYSTEM WITHOUT TALK BACK FACILITY (INTERNAL)
- PUBLIC ADDRESS SYSTEM (EXTERNAL)
- EW — SINGLE 13A SWITCHED SPUR OUTLET FOR ELECTRIC ACTUATOR FOR WINDOWS.
- EB — SINGLE 13A SWITCHED SPUR OUTLET FOR ELECTRIC BLINDS.
- ILS — INDUCTION LOOP SYSTEM
- AMP — AMPLIFIER FOR INDUCTION LOOP SYSTEM
- INDUCTION LOOP TAPE TO BE INSTALLED AROUND THE PERIMETER OF THE ROOM
- HRU — SINGLE 13A SWITCHED SPUR OUTLET FOR HEAT RECOVERY UNIT.
- BELOW COUNTER TWIN SOCKET WITH OVER COUNTER DOUBLE POLE ISOLATION SWITCH C/W NEON INDICATOR FOR ISOLATION
- PAF1 Input — PROJECTOR AUDIO FACEPLATE 1 (HIGH LEVEL – PAF1)
- PAF2 Output — PROJECTOR AUDIO FACEPLATE 2 (TEACHERS DESK – PAF2)
- HWB — SINGLE 13A SWITCHED SPUR OUTLET FOR THE HOT WATER BOILER.

PAF1 INPUT FACEPLATE CONTAINS THE FOLLOWING:	PAF2 OUTPUT FACEPLATE CONTAINS THE FOLLOWING:
1NO VGA SOCKET. 1NO HDMI SOCKET. 1NO USB SOCKET. 1NO MINI STEREO JACK PLUG AUDIO INPUT SOCKET.	1NO VGA SOCKET 1NO HMDI SOCKET. 1NO USB SOCKET. L&R AUDIO-OUTPUT PHONO TYPE SOCKETS

- ECS — SINGLE 13A UNSWITCHED SPUR OUTLET INSTALLED AT HIGH LEVEL IN THE CEILING VOID FOR POWER SUPPLY TO THE EMERGENCY CALL SYSTEM FOR THE DISABLED TOILET. MOUNTING HEIGHT TO BE CONFIRMED ON SITE.

REV	DATE	PREPARED BY/PROJECT ENGINEER	QUALITY CHECK BY:
T1	21.07.26	K.DAVITT	G. BENNDORF

M&E CONSULTANT

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Job Title: NUNS CROSSS N.S., ASHFORD, CO. WICKLOW.

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Scale:	Drawn By:	
1:100 @ A1	R. WHYTE	
Job No. 22-053	Drawing No. 62(E001)	Rev. T1