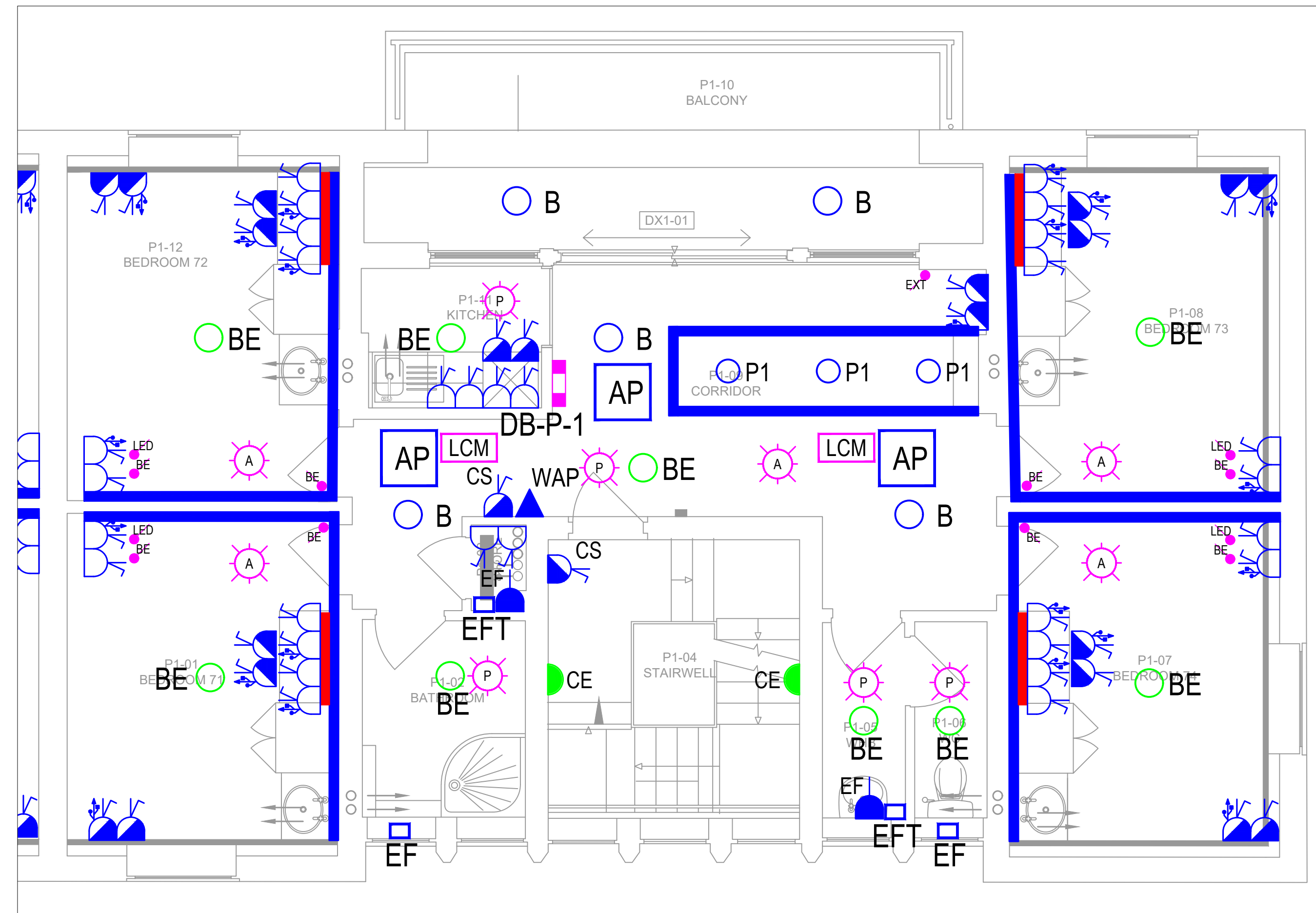
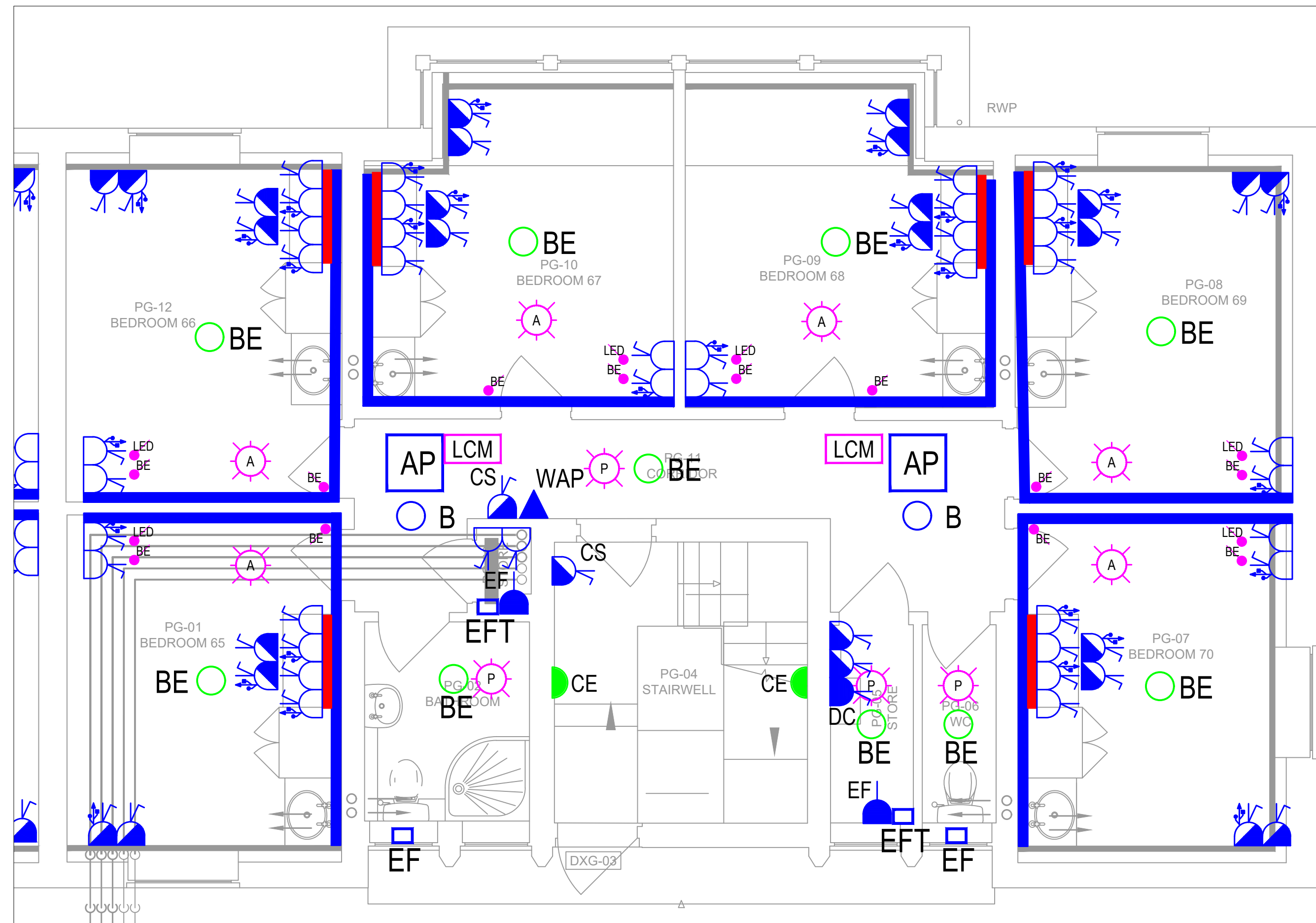
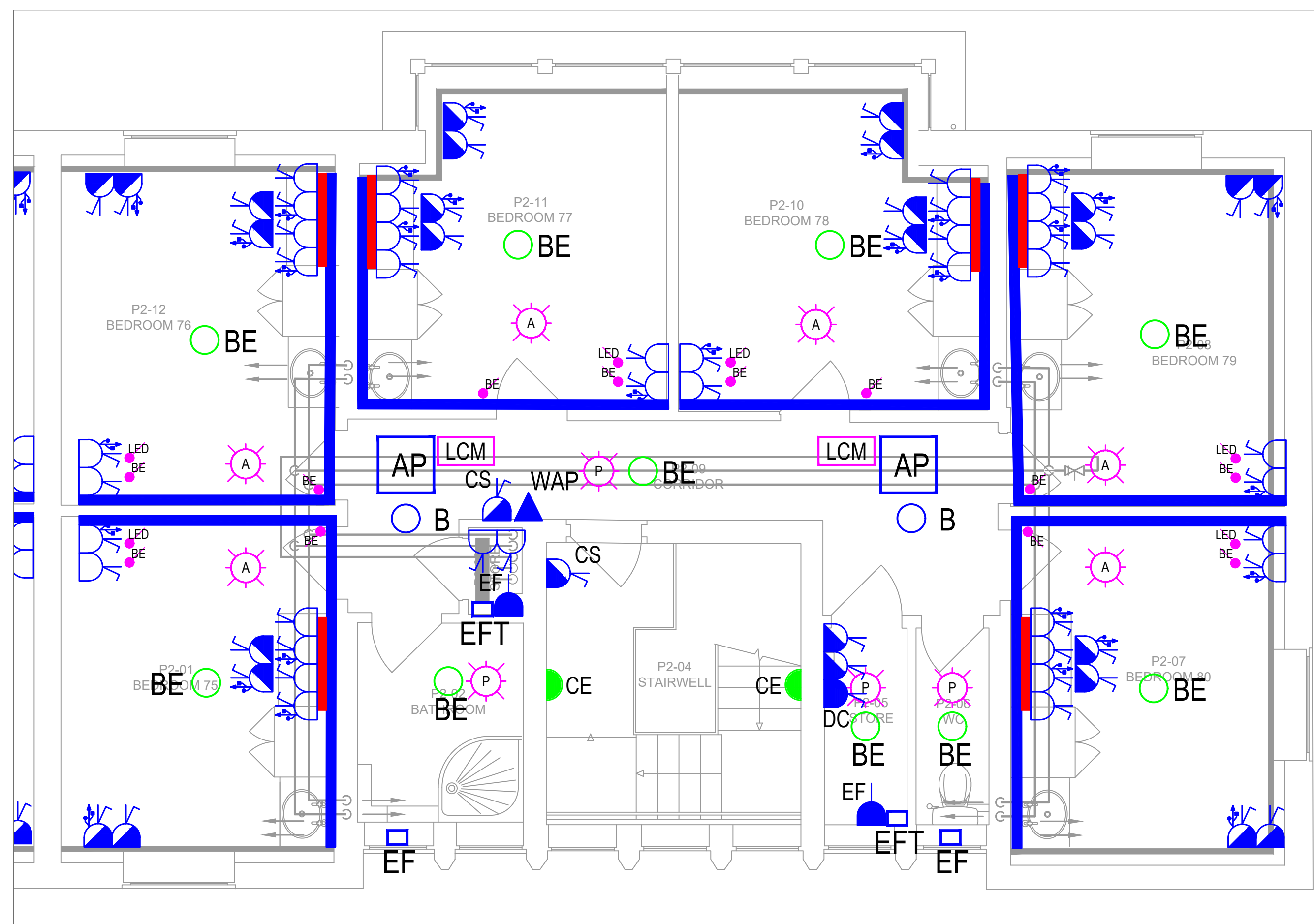
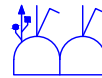
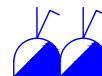
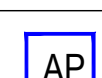
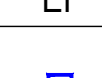
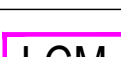
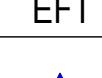
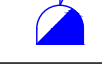




- ## NOTES - ELECTRICAL SERVICES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ELECTRICAL COVER SHEET, TYPICAL ELECTRICAL DETAILS DRAWING AND ELECTRICAL SPECIFICATION DOCUMENT.
2. DO NOT SCALE FROM DRAWINGS, REFER TO ARCHITECTS DRAWINGS FOR SETTING OUT
3. FIRE RATE PENETRATIONS & UTILISE KINGSPAN SAFIRE FIRE INSERTS ON ALL ELECTRICAL OUTLETS MOUNTED IN FIRE RATED WALLS - REFER TO ARCHITECTS FIRE STRATEGY DRAWINGS.
4. CO-ORDINATE ALL SUPPLIES FOR EQUIPMENT WITH FINAL LOCATIONS AND HEIGHTS BEFORE INSTALLATION.
5. CAREFUL ATTENTION SHALL BE GIVEN TO THE SOCKET OUTLET SYMBOL DENOTING THE REQUIREMENT FOR INTEGRATED USB A&C OUTLETS
6. LAYOUT IS TO BE FULLY COORDINATED WITH EXISTING CONDITIONS, ARCHITECTURAL DETAILS AND OTHER SERVICES - FINAL LAYOUT TO BE APPROVED BEFORE COMMENCING INSTALLATION.
7. INSTALL EQUIPMENT AND SERVICES ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND IN HARMONY WITH APPLICABLE CODES & STANDARDS



Electrical Services Legend -Patworth		Electrical Services Legend - Patworth	
	Double Socket with USB-A & USB-C Outlet		RGBW LED Lighting Strip and LED light shelf profile
	Double Socket with USB-A & USB-C Outlet @ Low Level		Single Zone RGBW LED Controller
	Double Switched Socket Outlet		Switch (2 = 2-Way, 3 = 3-Way, F = Retractive, EXT = External)
	Double Switched Socket Outlet at Low Level		Detector (A = Absence, P = Presence, D = Daylight)
	Fused Spur with flex outlet		P1 Hanging pendant - specified by client/architect
	Access Panel		B Luceco Atlas LBH213K Surface Bulkhead, BE = Emergency
	Nuair Cyfan window mounted extract fan - 24V		CE Luceco Atlas Em . Bulkhead with PIR - LBH214KMW3M-03
	Nuair Cyfan remote 230V-24V transformer		LCM DALI Lighting Control Module
	Double Data Outlet - Cat 6	NOTE: Lighting to be designed and supplied by Luceco, Jeremy Pinnock, E: jeremy.pinnock@luceco.com, M: 07970 356296	
	Single Data Outlet - Cat 6	NOTE: Design and Supply of the LED Controllers and RGBW Strip by Bright Green Technology, Contact Jonty Rugg, E: jonty.rugg@brightgreentechnology.com, M: 07584 156924	
	Red Cleaners Socket at Low Level	NOTE: Lighting controls to be designed, supplied and commissioned by Lighting Controls UK Ltd, Contact Martin Snarey M: 07772 660174, E: martin.snarey@lightingcontrols.ltd.uk.	
	Wall Mounted Dado Trunking		
	New 250A, Split Metered Dist. Board with 16 & 6 TPN Ways		
NOTE: All distribution boards to be Schneider Acti9 Isobar B P TP&N split metered distribution boards complete with incoming isolator and 2no. RS485 output meters.			
NOTE: For the purposes of tender allow for 75% of the distribution boards listed above to be supplied with 20A SPN RCBOs.			

Electrical Services Scope Of Work - Fit Out	
1. NEW USB DSSO ADJACENT EACH BED TO BE INSTALLED WITHIN NEW BEDHEAD UNIT (REFER TO ARCHITECTS DETAILS) 2. WHERE OUTLETS ARE INSTALLED WITHIN NEWLY INSULATED WALLS CABLING SHALL BE INSTALLED WITHIN RECESSED CONDUIT. 3. WHERE OUTLETS ARE INSTALLED WITHIN INTERNAL WALLS THE CONTRACTOR SHALL ALLOW TO CHASE WALLS TO FACILITATE RECESSED INSTALLATION OF CABLING AND TO MAKE GOOD UPON COMPLETION. 4. WIRING AT HIGH LEVEL SHALL BE CONTAINED ON THE NEW LED LIGHTING SHELF OR WITHIN CEILING VOIDS TO ENSURE ALL CABLING IS RECESSED. 5. ALL SUPPLIES ARE TO BE FED FROM NEW DISTRIBUTIONS BOARDS SHOWN AND INSTALLED WITH LSOH T&E. 6. THE LED LIGHTING STRIP SHALL BE INSTALLED ON A NEW LED LIGHTING SHELF TO BE SUPPLIED AND INSTALLED BY THE MAIN CONTRACTOR, THE SHELF SHALL BE OF SUITABLE SIZE TO CONCEAL THE LED STRIP AND NEW CABLING FOR THE NEW POWER AND LIGHTING CIRCUITS. 7. THE LED CONTROLLERS SHALL BE SECURELY FIXED TO THE WALL. 8. AN ABSENCE DETECTOR SHALL BE INSTALLED INLINE WITH THE LED DRIVER TO ENSURE LIGHTS SWITCH OFF WHEN ROOMS ARE UNOCCUPIED. 9. ELECTRICAL CONTRACTOR TO PROVIDE DISTRIBUTION BOARD SCHEDULE WITH PROPOSED CABLE SIZES FOR APPROVAL BY THE ENGINEER BEFORE COMMENCING WORKS. 10. PROVIDE ALL NECESSARY TESTING AND COMMISSIONING OF NEW	ELECTRICAL SYSTEMS. 11. PROVIDE UPDATED RECORD DRAWINGS AND OPERATION AND MAINTENANCE MANUALS UPON COMPLETION OF THE WORKS. 12. PROVIDE UPDATED DISTRIBUTION BOARD SCHEDULES UPON COMPLETION OF THE WORKS. 13. ALL DATA TO BE RUN TO GROUND FLOOR DATA CABINET IN STORE WITHIN EACH HALL. 14. ALLOW FOR INVERTED CABLE TRAY WITHIN CEILING VOID OF ALL CORRIDORS TO CONTAIN ALL CABLING. 15. ALLOW FOR SURFACE MOUNTED GALVANISED CONDUIT WITHIN STORES, STAIRWELLS, TOILETS AND WHB ROOMS. 16. ALLOW FOR PLASTIC SURFACE MOUNTED CONDUIT WITHIN BATHROOMS. 14. CONTRACTOR WILL BE RESPONSIBLE FOR DEVELOPING THE DESIGN FROM THE TENDER DRAWINGS TO COMPLETION TO INCLUDE FINALISING POSITIONS OF ALL OUTLETS WITH THE ARCHITECT, CO-ORDINATING FINAL OUTLET POSITIONS WITH OTHER TRADES, PREPARING CONSTRUCTION ISSUE DRAWINGS AND DISTRIBUTION BOARD SCHEDULES FOR APPROVAL BY THE ENGINEER.

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