

POWER E-NOTES:

- E1 - FCU FOR ACCESS CONTROL DOORS
- E2 - FCU FOR CCTV CAMERAS
- E3 - FCU FOR HRU UNITS
- E4 - 16A TPN ISOLATOR FOR FAN
- E5 - 20A TPN ISOLATOR FOR AHU COOLING COIL
- E6 - FCU FOR EXTRACT FANS
- E7 - 16A SPN ISOLATOR FOR ELECTRIC HOT WATER CYLINDER
- E8 - 16A SPN ISOLATOR FOR ELECTRIC WATER HEATER-ARISTON
- E9 - FCU FOR SEWAGE PUMP
- E10 - 16A TPN FOR AC UNIT
- E11 - FCU FOR AC UNIT
- E12 - 32A SPN FOR AC UNIT
- E13 - FCU FOR FIRE ALARM PANEL
- E14 - FCU FOR SMOKE DAMPER/CONTROL PANEL

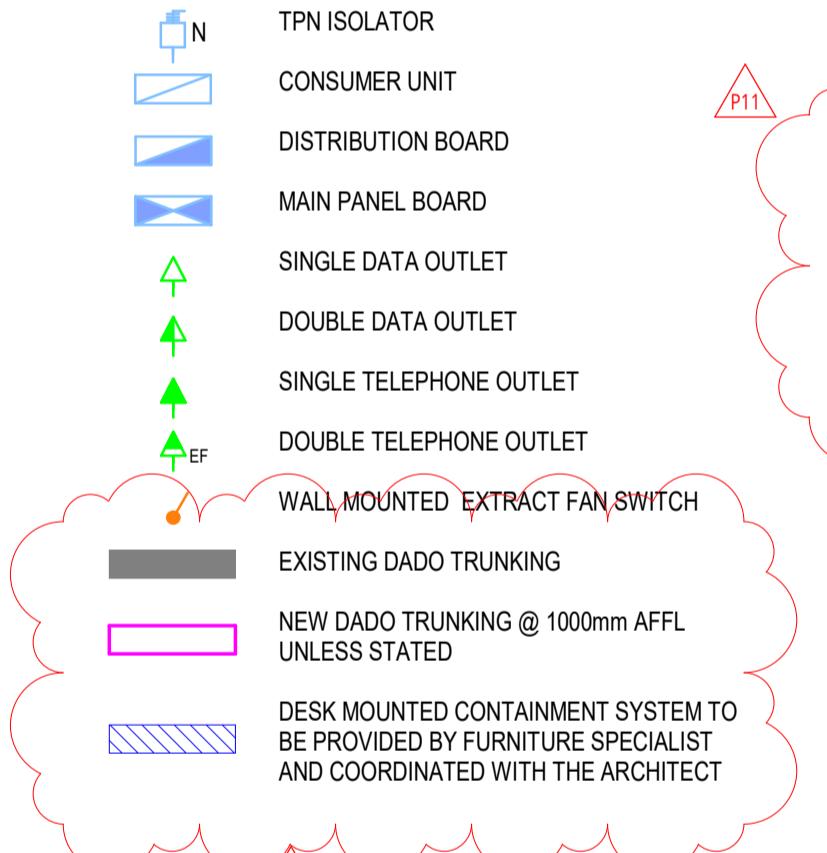
SMALL POWER & DATA LEGEND

ELECTRICAL NOTES

1. THE CONTRACTOR SHALL BE DEEMED TO HAVE INCLUDED FOR ALL ITEMS OF EQUIPMENT INCLUDING MANUFACTURER AND TYPE AS DETAILED ON THIS DRAWING AND WITHIN THE SPECIFICATION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECT AND FINAL POSITIONING OF ALL OUTLETS TO MEET THE END-USERS REQUIREMENTS THIS SHALL BE CARRIED OUT IN CONJUNCTION WITH THE PROJECT ARCHITECT. FINAL SETTING OUT EQUIPMENT SHALL BE TO THE ARCHITECTS ROOM LAYOUT AND REFLECTED CEILING PLANS.
3. THE CONTRACTOR SHALL CO-ORDINATE ALL ELECTRICAL SERVICES WITH MECHANICAL SERVICES AND STRUCTURE.
4. THE CONTRACTOR SHALL EMPLOY A REPRESENTATIVE OF THE SYSTEM MANUFACTURER TO TEST AND COMMISSION EACH

SYSTEMIC POWER & DATA NOTES

1. ALL ELECTRICAL ACCESSORIES SHOWN IN GREY ARE EXISTING FIXTURES TO BE RETAINED AND RE-WIRED AS PER ASSOCIATED DISTRIBUTION SCHEDULES
2. FOR SMALL POWER AND DATA LOCATED ON DESK CONTRACTORS TO COORDINATE WITH THE ARCHITECTS AND FURNITURE SPECIALISTS FOR DETAIL OF SECONDARY CONTAINMENT INSTALLATION



DATE	DESCRIPTION	BY	VE
MAY'24	UPDATED FOLLOWING CO-ORDINATION WITH ARCHITECTS	RS	RML
APR' 24	UPDATED TO INCORPORATE ARCHITECTS COMMENTS (RECEIVED 11/04/2024)	LD	RML
APR' 24	FINAL STAGE 4 ISSUE	AT	RML
MAR' 24	PRELIMINARY TENDER ISSUE	LD	RML
MAR' 24	PRELIMINARY TENDER ISSUE	LD	RML
JAN' 24	UPDATED TO INCORPORATE ARCHITECT COMMENTS	RS	RML
DEC'23	UPDATED FOR LAYOUT CHANGE	LD	RML
MAY'22	FOR TENDER	JG	NR
APR'22	FOR PLANNING AMENDMENTS	JG	NR
DEC'21	SUITABLE FOR STAGE APPROVAL	BP	JP
OCT' 21	CHANGES TO TITLE BLOCK REVISIONS	ZO	NR
SEP' 21	TENDER ISSUE	JG	NR
SEP' 21	TENDER ISSUE	JG	NR

STAGE 4

ITABLE FOR STAGE APPROVAL

THE HILLINGDON HOSPITALS NHS FOUNDATION TRUST

PROJECT

DRAWING TITLE
ELECTRICAL SERVICES
GROUND FLOOR - HAEMATOLOGY
SMALL POWER & DATA LAYOUT

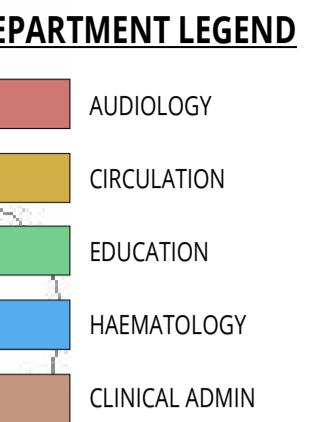
SCALE (A1)	DATE	BY	VE
1:50	SEP' 21	JG	NR
Proj ID	Originator	Volume	Level
THUWEP1	OPW	77	20
Type	Role	Number	Suitability
PP	E	00000	21
Revision			P14

THHFP1 CPW 77 00 DR E 30003 S4 P11

CPW Project No. 240299

LINKED FILES

THHFP1-CRH-ZZ-ZZ-M3-S-0001



GENERAL NOTES

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2. SCALED DIMENSIONS SHALL NOT BE TAKEN FROM THIS DRAWING.
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3. THE CONTRACTOR SHALL CO-ORDINATE ALL ELECTRICAL SERVICES WITH MECHANICAL SERVICES AND STRUCTURE.
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SMALL POWER & DATA NOTES

1. ALL ELECTRICAL ACCESSORIES SHOWN IN GREY ARE EXISTING FIXTURES TO BE RETAINED AND RE-WIRED AS PER ASSOCIATED DISTRIBUTION SCHEDULES
2. FOR SMALL POWER AND DATA LOCATED ON DESK CONTRACTORS TO CO-ORDINATE WITH THE ARCHITECTS AND FURNITURE SPECIALISTS FOR DETAIL OF SECONDARY CONTAINMENT INSTALLATION

P11	MAY24	UPDATED FOLLOWING CO-ORDINATION WITH ARCHITECTS	RS
P10	APR 24	UPDATED TO INCORPORATE ARCHITECTS COMMENTS (RECEIVED 11/04/2024)	RM
P09	APR 24	FINAL STAGE 4 ISSUE	AT
P08	MAR 24	PRELIMINARY TENDER ISSUE	LD
P07	MAR 24	PRELIMINARY TENDER ISSUE	RD
P06	JAN 24	UPDATED TO INCORPORATE ARCHITECT COMMENTS	RM
P05	DEC 23	UPDATED FOR LAYOUT CHANGE	RD
P04	OCT 21	CHANGES TO TITLE BLOCK REVISIONS	JS
P02	DEC 21	SUITABLE FOR STAGE APPROVAL	BP
P01	SEP 21	CHANGES TO TITLE BLOCK REVISIONS	JP
T02	SEP 21	CHANGES TO TITLE BLOCK REVISIONS	ZD
T01	SEP 21	TENDER ISSUE	JS
REV	DATE	REVISION	NR
		DESCRIPTION	BY



STAGE 4

SUITABLE FOR STAGE APPROVAL

CLIENT: THE HILLINGDON HOSPITALS NHS - FOUNDATION TRUST

PROJECT: HILLINGDON HOSPITAL - THE FURZE

DRAWING TITLE: ELECTRICAL SERVICES
FIRST FLOOR - CLINICAL ADMIN
SMALL POWER & DATA LAYOUT

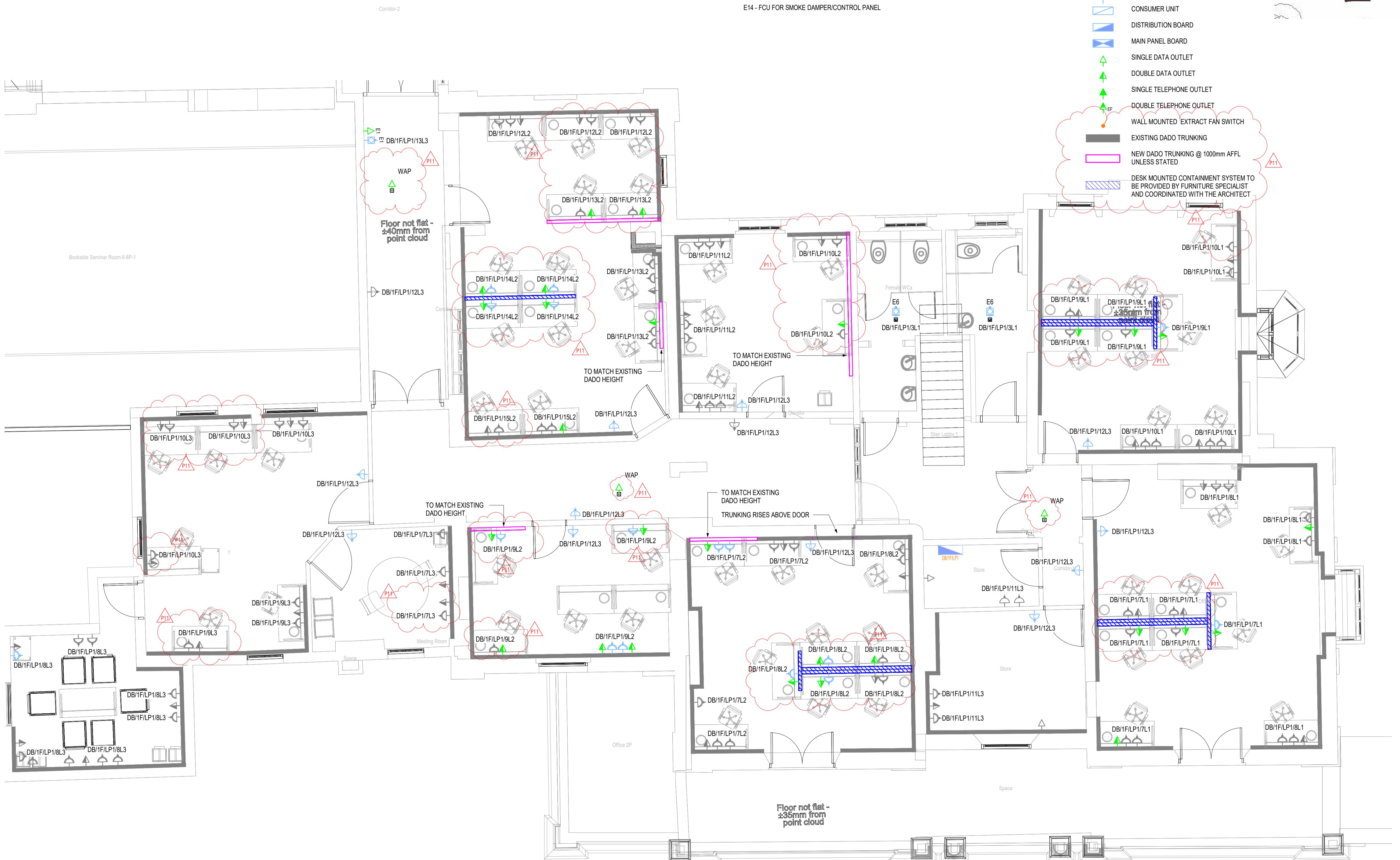
SCALE (A): 1:50 DATE: SEP 21 BY: JG VE: NR

Proj ID: THHP1 CPW: ZZ Volume: 01 Level: E Type: DR Role: 30001 Number: S4 Subdiv: P11 Revision: 1

CPW Project No: 240299

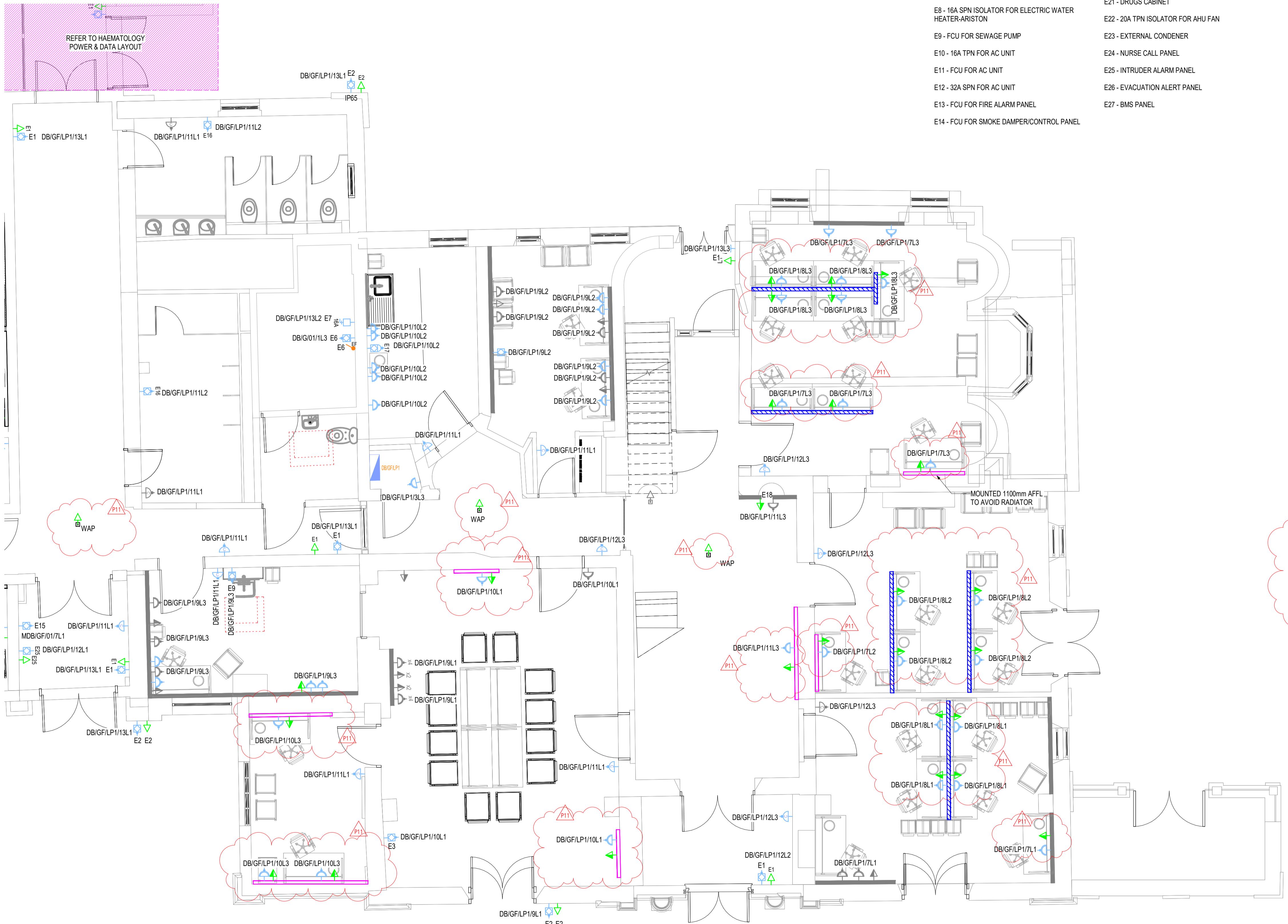
LINKED FILES: HTF-LDW-XX-ZZ-M3-A-0001

THHP1-CRH-ZZ-M3-S-0001



POWER E-NOTES:

E1 - FCU FOR ACCESS CONTROL DOORS	E15 - FCU FOR FIRE ALARM REPEATER PANEL
E2 - FCU FOR CCTV CAMERAS	E16 - FCU FOR HAND DRYERS
E3 - FCU FOR HRU UNITS	E17 - FCU CONNECTED TO SINGLE SOCKET OUTLET FOR FRIDGE
E4 - 16A TPN ISOLATOR FOR FAN	E18 - DOUBLE SOCKET OUTLET & DATA OUTLET FOR PRINTER
E5 - 20A TPN ISOLATOR FOR AHU COOLING COIL	E19 - FCU FOR ELECTRIC HEATER BATTERIES
E6 - FCU FOR EXTRACT FANS	E20 - WC ALARM
E7 - 16A SPN ISOLATOR FOR ELECTRIC HOT WATER CYLINDER	E21 - DRUGS CABINET
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E9 - FCU FOR SEWAGE PUMP	E23 - EXTERNAL CONDENER
E10 - 16A TPN FOR AC UNIT	E24 - NURSE CALL PANEL
E11 - FCU FOR AC UNIT	E25 - INTRUDER ALARM PANEL
E12 - 32A SPN FOR AC UNIT	E26 - EVACUATION ALERT PANEL
E13 - FCU FOR FIRE ALARM PANEL	E27 - BMS PANEL
E14 - FCU FOR SMOKE DAMPER/CONTROL PANEL	



DEPARTMENT LEGEND

DEPARTMENT	LEGEND COLOR
AUDILOGY	Red
CIRCULATION	Yellow
EDUCATION	Green
HAEMATOLOGY	Blue
CLINICAL ADMIN	Brown

The image shows a detailed architectural floor plan of a hospital building. The plan is color-coded to represent different departments:

- AUDIOLOGY** (Red): Located in the bottom left corner.
- CIRCULATION** (Yellow): Located in the center-left area, including a central corridor and a small room labeled 'NURS'.
- EDUCATION** (Green): Located in the top left corner.
- HAEMATOLOGY** (Blue): Located in the top center and top right areas.
- CLINICAL ADMIN** (Brown): Located in the bottom right corner, featuring a large room with diagonal hatching.

The plan also includes various rooms, hallways, and a large circular area on the right side. The text "DEPARTMENT LAYOUT" is visible at the top right of the image.

MAIL POWER & DATA LEGEND

- UNSWITCHED SINGLE SOCKET OUTLET
- SWITCHED SINGLE SOCKET OUTLET
- TWIN SWITCHED SOCKET OUTLET
- CLEANERS SOCKET OUTLET
- SPN COMMANDO SOCKET - N = RATING
- 20A DOUBLE POLE KEY SWITCH
- UNSWITCHED FUSED CONNECTION UNIT

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SMALL POWER & DATA NOTES

ALL POWER AND DATA LOCATED ON DESK
ACTORS TO COORDINATE WITH THE ARCHITECTS AND
RE SPECIALISTS FOR DETAIL OF SECONDARY
IMENT INSTALLATION

Y'24	UPDATED FOLLOWING CO-ORDINATION WITH ARCHITECTS	RS
R' 24	UPDATED TO INCORPORATE ARCHITECTS COMMENTS (RECEIVED 11/04/2024)	LD
R' 24	FINAL STAGE 4 ISSUE	AT
R' 24	PRELIMINARY TENDER ISSUE	LD
R' 24	PRELIMINARY TENDER ISSUE	LD
R' 24	UPDATED TO INCORPORATE ARCHITECT COMMENTS	RS
C23	UPDATED FOR LAYOUT CHANGE	LD
Y'22	FOR TENDER	JG
R'22	FOR PLANNING AMENDMENTS	JG
C'21	SUITABLE FOR STAGE APPROVAL	BP
T' 21	CHANGES TO TITLE BLOCK REVISIONS	ZO
P' 21	TENDER ISSUE	JG
P' 21	TENDER ISSUE	JG
ATE	DESCRIPTION	BY

uchperrywilkes®
engineering change

STAGE 4

TABLE FOR STAGE APPROVAL

NGRON HOSPITALS NUC. FOUND.

CLINICAL SERVICES FLOOR - CLINICAL ADMIN POWER & DATA LAYOUT

DATE BY VE
SEP' 21 **JG** **NR**

Originator	Volume	Level	Type	Role
CPW	ZZ	00	DR	E

P1-CPW-ZZ-00-DR-E-30001

D. 240299

LBW-XX-ZZ-M3-A-0001

1-CR11-22-22-MJ-3-0001

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- E27 - BMS PANEL

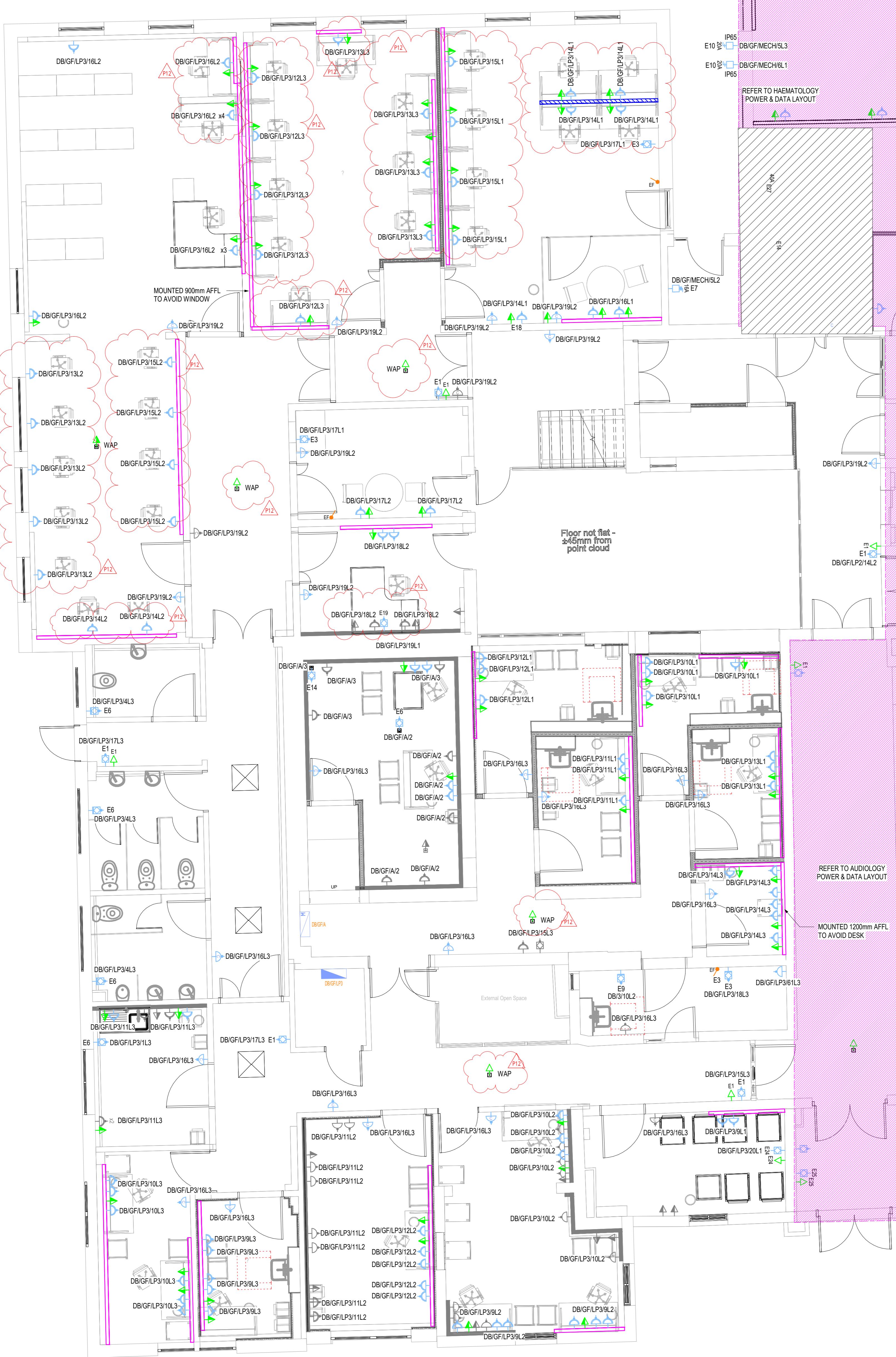
DEPARTMENT LEGEND

AUDILOGY
CIRCULATION
EDUCATION
HAEMATOLOGY
CLINICAL ADMIN

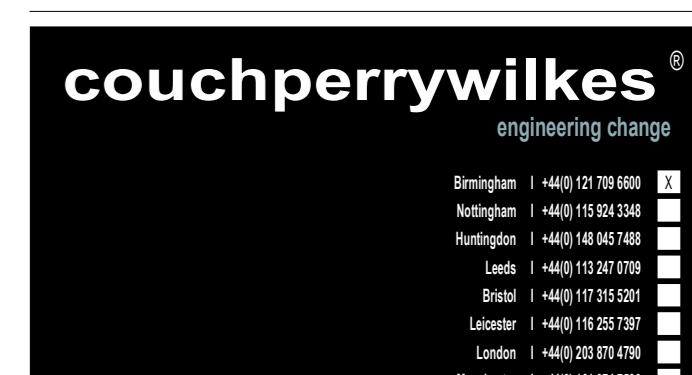


SMALL POWER & DATA LEGEND

UNSWITCHED SINGLE SOCKET OUTLET
SWITCHED SINGLE SOCKET OUTLET
TWIN SWITCHED SOCKET OUTLET
CLEANERS SOCKET OUTLET
SPN COMMANDO SOCKET - N = RATING
20A DOUBLE POLE KEY SWITCH
UNSWITCHED FUSED CONNECTION UNIT
SWITCHED FUSED CONNECTION UNIT
K - DENOTES KEY SWITCH
13A SWITCHED FUSED CONNECTION UNIT W/ FLEX OUTLET
13A SWITCHED FUSED CONNECTION UNIT
20A DOUBLE POLE SWITCH
SPN ISOLATOR
TPN ISOLATOR
CONSUMER UNIT
DISTRIBUTION BOARD
MAIN PANEL BOARD
SINGLE DATA OUTLET
DOUBLE DATA OUTLET
SINGLE TELEPHONE OUTLET
DOUBLE TELEPHONE OUTLET
WALL MOUNTED EXTRACT FAN SWITCH
EXISTING DADO TRUNKING
NEW DADO TRUNKING @ 1000mm AFFL UNLESS STATED
DESK MOUNTED CONTAINMENT SYSTEM TO BE PROVIDED BY FURNITURE SPECIALIST AND COORDINATED WITH THE ARCHITECT



P12	MAY 24	UPDATED FOLLOWING COORDINATION WITH ARCHITECTS	RS	R&M
P11	APR 24	UPDATED TO INCORPORATE ARCHITECTS COMMENTS (RECEIVED 11/04/2024)	LD	R&M
P10	MAR 24	FINAL STAGE 4 ISSUE	AT	R&M
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P08	MAR 24	PRELIMINARY TENDER ISSUE	LD	R&M
P07	JAN 24	PRELIMINARY TENDER ISSUE	LD	R&M
P06	DEC 23	UPDATED FOR LAYOUT CHANGE	LD	R&M
P05	MAY 24	DESIGN TEAM COMMENTS INCORPORATED	JG	NR
P04	APR 24	FOR PLANNING AMENDMENTS	JG	NR
P03	APR 22	FOR PLANNING AMENDMENTS	BP	JP
P02	DEC 21	SUITABLE FOR STAGE APPROVAL	ZD	NR
P01	OCT 21	CHANGES TO TITLE BLOCK REVISIONS	ZD	NR
T02	SEP 21	TENDER ISSUE	ZD	NR
T01	SEP 21	TENDER ISSUE	JG	NR
REV	DATE	DESCRIPTION	BY	VE



STAGE 4

SUITABLE FOR STAGE APPROVAL

CLIENT: THE HILLINGDON HOSPITALS NHS - FOUNDATION TRUST

PROJECT: HILLINGDON HOSPITAL - THE FURZE

DRAWING TITLE: ELECTRICAL SERVICES GROUND FLOOR - EDUCATION & AUDIOLOGY SMALL POWER & DATA LAYOUT

SCALE (A4): 1:50 DATE: SEP 21 BY: JG VE: NR

Proj ID: THHFP1 Operator: CPW Volume: ZZ Level: DR Type: E Number: 30002 S4 Revision: P12

CPI Project No.: 240299

LINKED FILES: -HTF-LDW-XX-ZZ-M3-A-0001

THHFP1-CPW-ZZ-00-DR-E-30002_S4_P12