

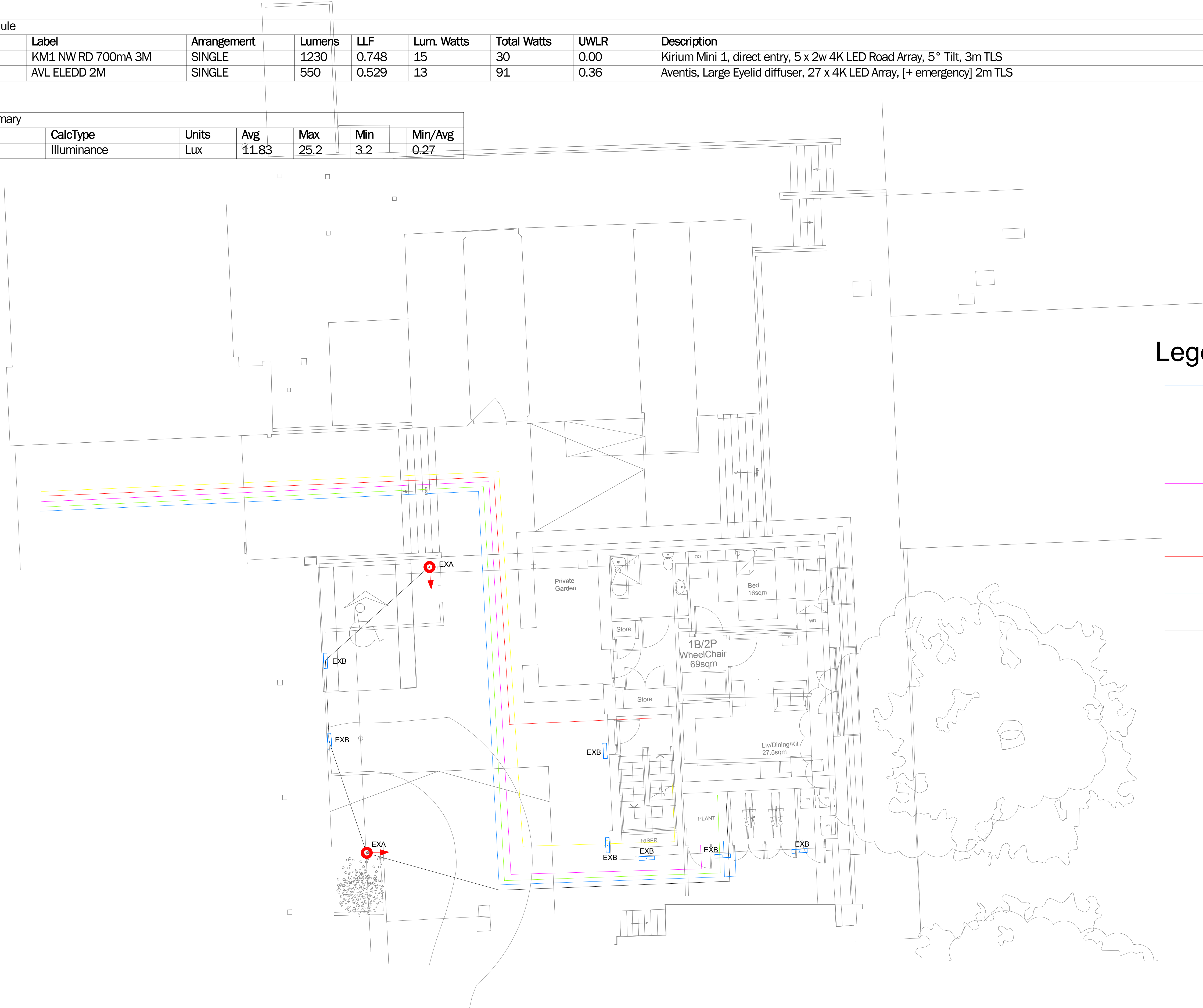


ALBANY ROAD

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Lumens	LLF	Lum. Watts	Total Watts	UWLR	Description
	2	KM1 NW RD 700mA 3M	SINGLE	1230	0.748	15	30	0.00	Kirium Mini 1, direct entry, 5 x 2w 4K LED Road Array, 5° Tilt, 3m TLS
	7	AVL ELEDD 2M	SINGLE	550	0.529	13	91	0.36	Aventis, Large Eyelid diffuser, 27 x 4K LED Array, [+ emergency] 2m TLS

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Min/Avg
Design Area	Illuminance	Lux	11.83	25.2	3.2	0.27



Legend:

- Mains Water Supply
- Gas Main
- Heating Main
- Electrical Main Supply
- BT Main Supply
- Virgin Main Supply
- TV Main Supply
- External Lighting

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  - Graphical representations of equipment on this drawing have been co-ordinated, but are approximations only. Please refer to specifications and / or details for actual sizes and or specific contractor construction information.
  - All builders work associated with the mechanical and electrical services installation must be included for.
  - Contractor to review site Asbestos register prior to commencing works.
  - All power and control wiring associated with the mechanical services installation must be included for.
  - A position of all equipment shown is indicative only. Final positions to be determined & indicated on working drawings.
  - Refer to presence detector installation instructions for wiring, switch type & final position.
  - Refer to mechanical drawings for extract fan details.
  - Refer to mechanical layout drawings for positions of outlets to mechanical plant.
  - Cable containment (if indicated) is shown as indicative only. Contractor to determine cable containment routes and sizes to suit the installation.
  - All necessary decommissioning, isolation, draining down, refilling and water treatment etc associated with the existing heating and domestic water systems in order to facilitate the works shall be included for.
  - Stripping out and alterations to domestic water services shall not leave any dead legs on pipe work, however short.
  - All pipe work located within ceiling/hot/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
  - All supply and extract ductwork located within ceiling/hot/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
  - All pipe work/ductwork services located externally shall also be waterproofed in addition to being filled with thermal insulation.
  - Light Fittings are to be mounted underside of cable tray where the tray and light fittings cross path.

B	04.02.16	Updated Preliminary Issue	AA	JC
A	19.11.15	Preliminary Issue	JC	AT
Rev:	Date:	Description:	Chk:	Apr:

Scale @ A1:	Issuing Office:	Project No:
As indicated	London	84922

Status:	Purpose of Issue:
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**London**  
1 Alie Street  
London E1 8DE

**Colchester**  
T: 020 7680 4400  
www.ingletonwood.co.uk

Project:  
Regents Park Estate  
Plot 9 - St Bedes Mews

Drawing Title:  
External Services Layout

Client:  
Lovell Partnership Ltd.

File Ref:	Revision:
SBM - IW - XX - 00 - DR - ME - 27.03	B



**Appendix B:**  
**Communal Electrical Services**

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8. Discrepancies and/or ambiguities within this drawing, between it and information contained in other reports or drawings shall be reported to the engineer immediately before proceeding.
9. All work shall be carried out in accordance with the latest British Standards/Codes of Practice/building Regulations unless specifically directed otherwise in the specification.
10. Responsibility for the reproduction of this drawing in paper form, or if issued in electronic form, lies with the recipient to check that all information has been transferred correctly. It is considered that the contractor is responsible for electronic image, but are approximations only. Please refer to specifications and / or details for actual dimensions.
11. Graphical representations of equipment on this drawing have been coordinated, but are approximations only. Associated with specifications and / or details for actual dimensions.
12. All builders work together with the mechanical and electrical services installation must be included for.
13. The contractor to review site conditions register prior to commencing work.
14. All power and control wiring associated with the mechanical services installation must be included for.
15. A position of all equipment shown is indicative only. Final positions to be confirmed on site and indicated on as built drawings.
16. Refer to presence detector installation instructions for wiring, switch type and final position.
17. Refer to mechanical drawings for extract fan locations.
18. Refer to mechanical/hydraulic drawings for positions of outlets to mechanical plant.
19. Refer to mechanical/hydraulic drawings for positions of outlets to Contractor to determine cable containment routes and sizes to suit the installation.
20. Use of cable to be mounted underneath of cable tray with the tray and light fittings cross cut.



Status: Purpose of Issue:

PRELIMINARY



Client: Lovell Partnership Ltd.

File Ref:	Revision:
ROBS - IW - XX - ZZ - DR - E - 27.24	C



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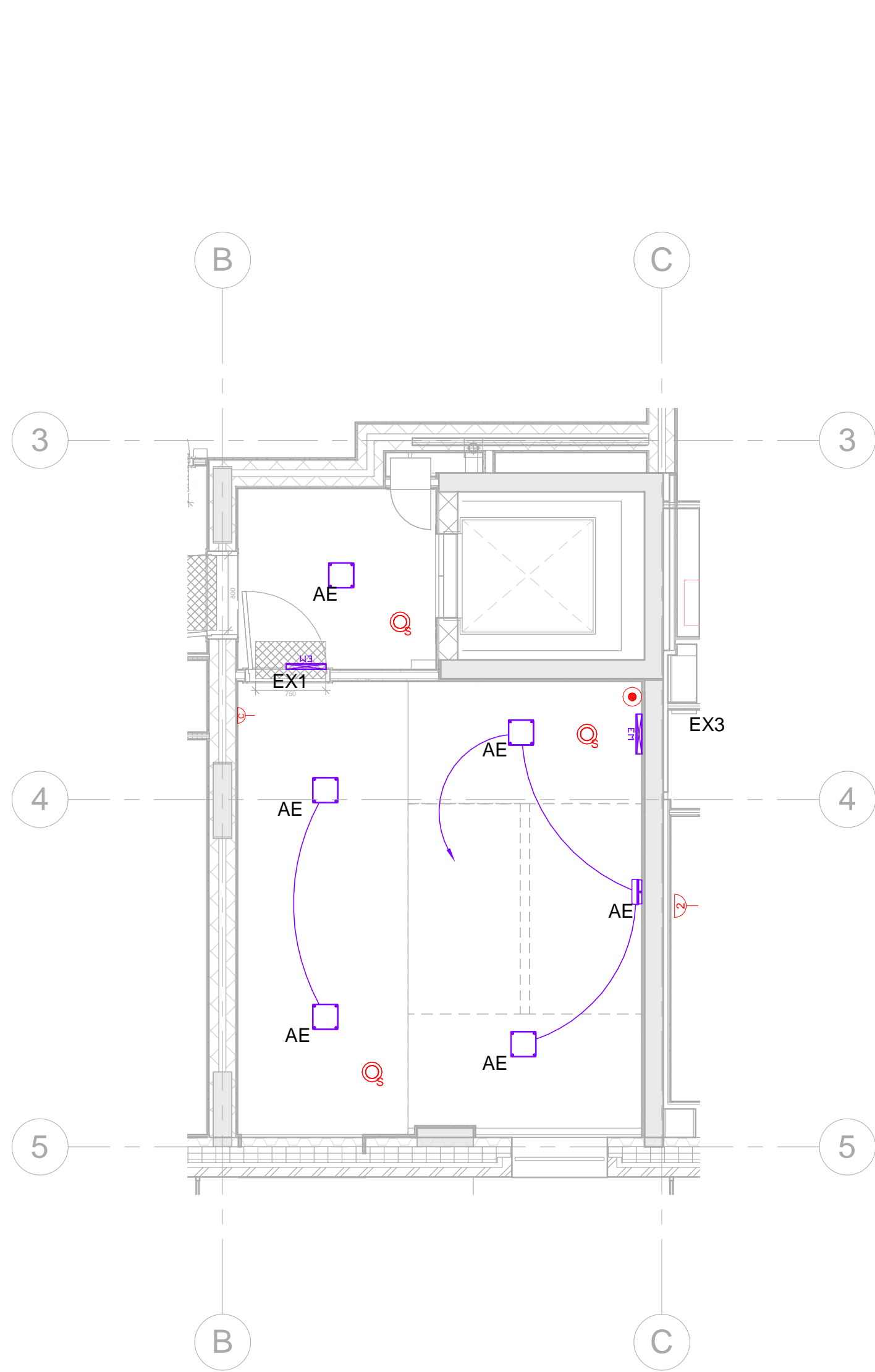
Report any discrepancies to the Contract Administrator at once.

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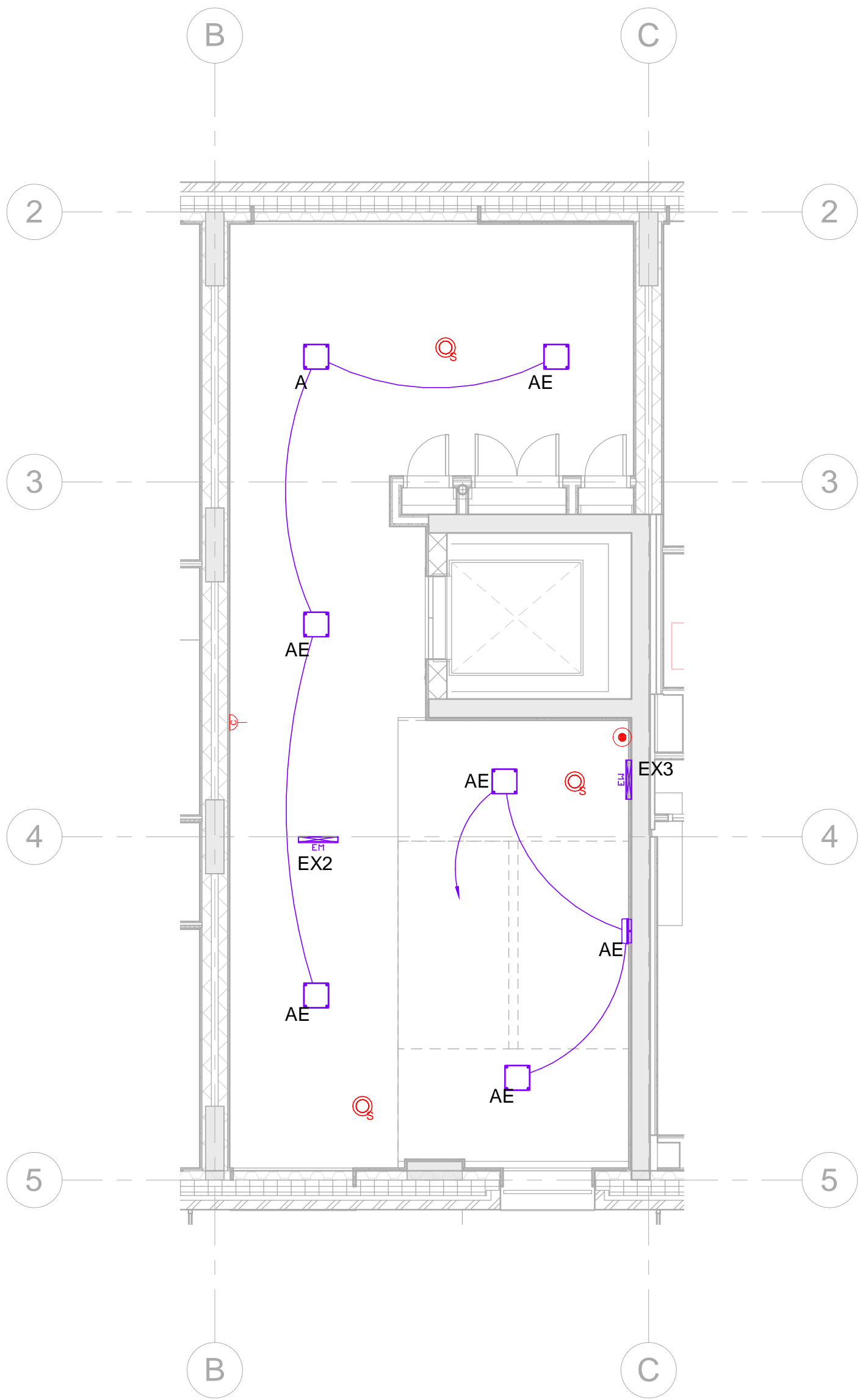
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LEGEND: DO NOT SCALE

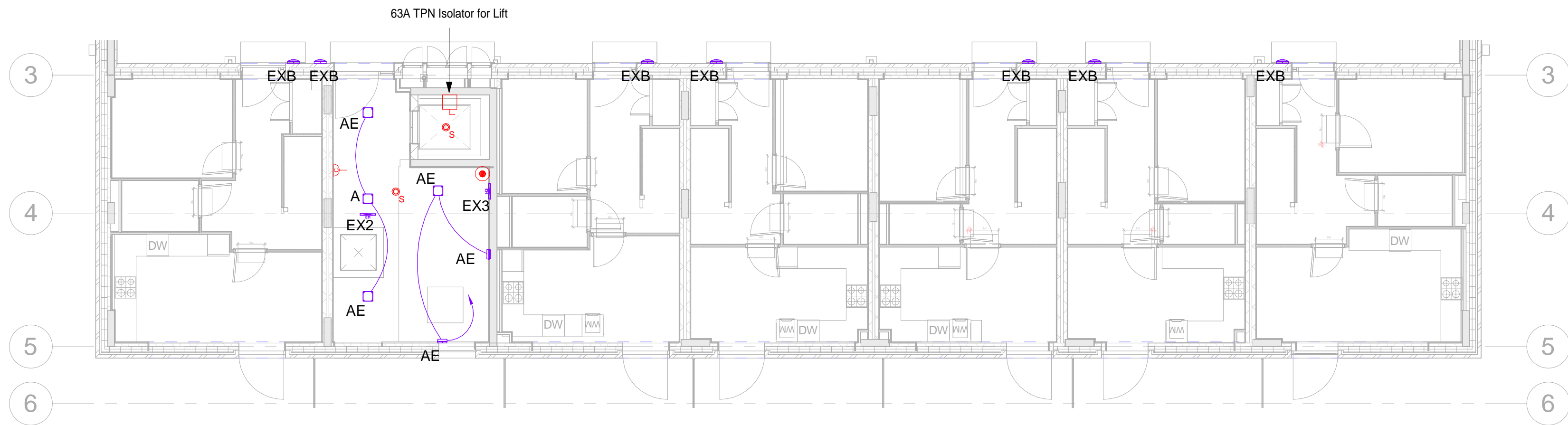
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  11. All builders work associated with the mechanical and electrical services installation must be included for.
  12. Contractor to review site Asbestos register prior to commencing works.
  13. All power and control wiring associated with the mechanical services installation must be included for.
  14. A position of all equipment shown is indicative only. Final positions to be determined & indicated on working drawings.
  15. Refer to presence detector installation instructions for wiring, switch type & final position.
  16. Refer to mechanical drawings for extract fan details.
  17. Refer to mechanical layout drawings for positions of outlets to mechanical plant.
  18. Cable containment (if indicated) is shown as indicative only. Contractor to determine cable containment routes and sizes to suit the installation.
  19. Light Fittings are to be mounted underside of cable tray where the tray and light fittings cross path.



1 Level 02 Communal Electrical Services  
1 : 50



2 Level 03 Communal Electrical Services  
1 : 50



3 Level 04 Communal Electrical Services  
1 : 100

B	22.12.15	Lighting Revised as per Calco	AS	JC
A	24.11.15	Preliminary Issue	JC	DT
Rev:	Date:	Description:	Chk:	Apr:

Scale @ A1:	Issuing Office:	Project No:
As indicated	London	84922

Status:	Purpose of Issue:
	PRELIMINARY

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1 Alie Street  
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www.ingletonwood.co.uk

Project:  
Regents Park Estate  
Plot 1 - Robert Street

Drawing Title:  
Level 02, 03 & 04 Communal Electrical Services

Client:  
Lovell Partnership Ltd.

File Ref:	Revision:
ROBS - IW - XX - ZZ - DR - E - 27.25	B

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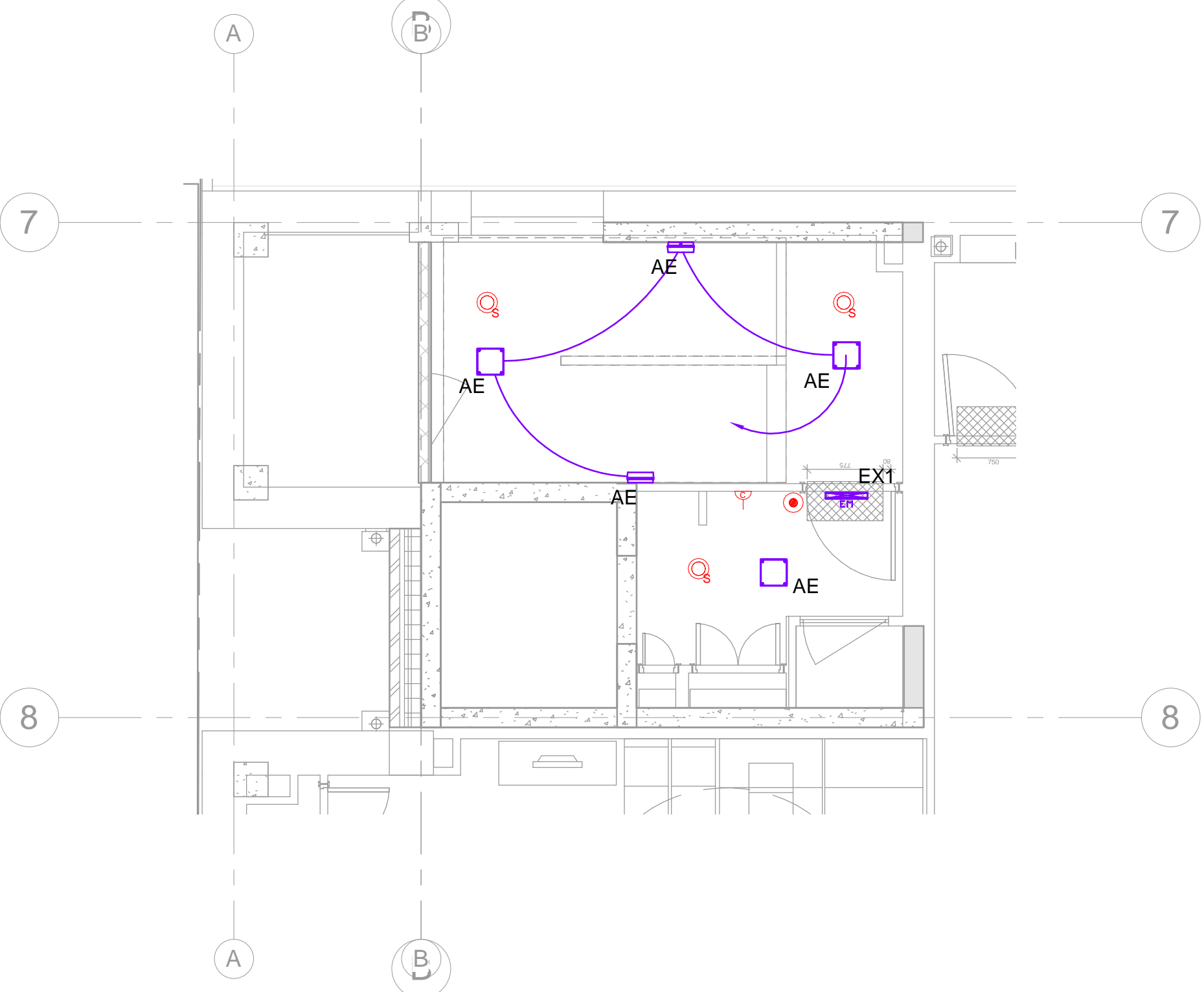
LEGEND: DO NOT SCALE

Notes:-

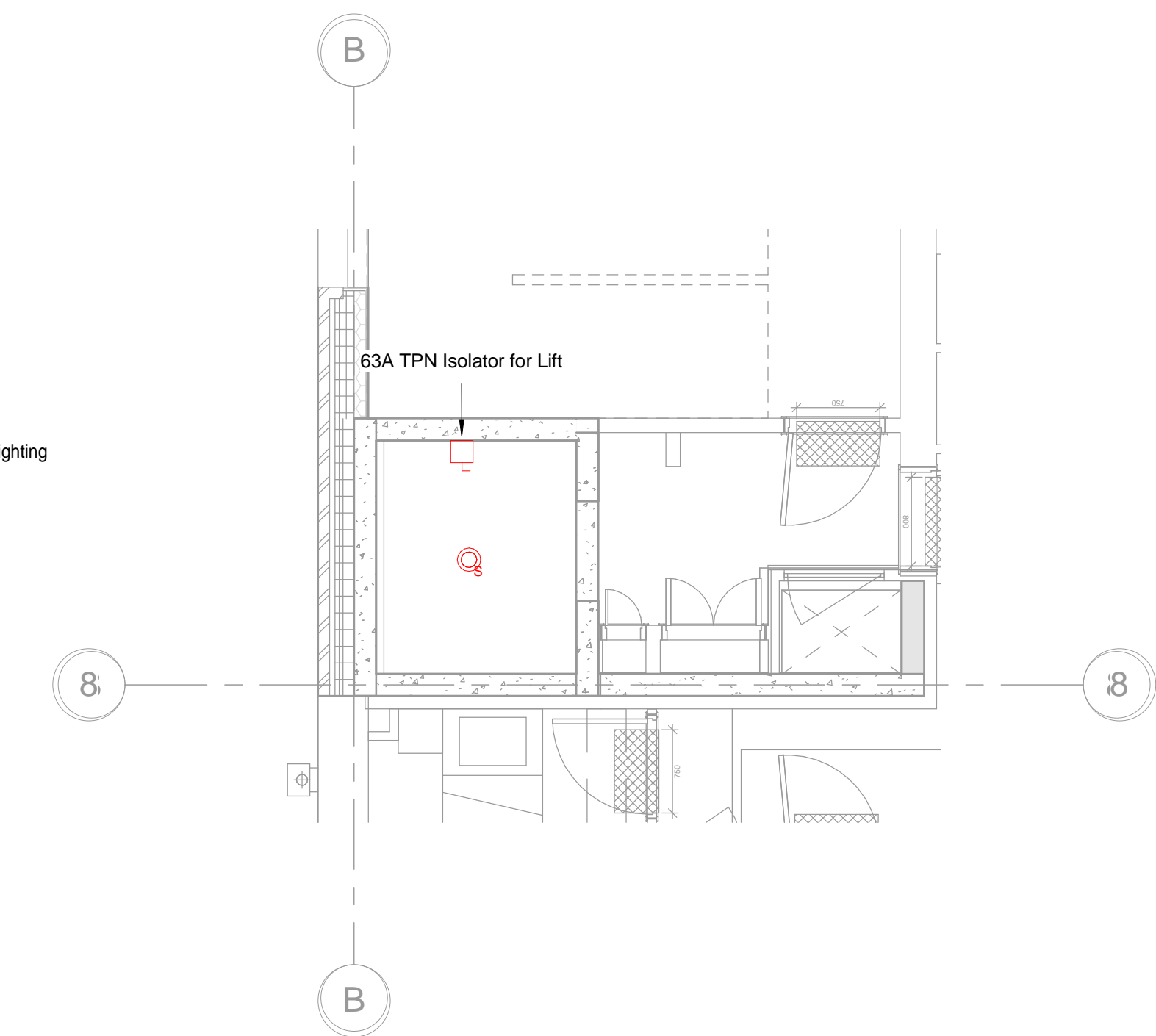
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- All builders work associated with the mechanical and electrical services installation must be included for.
- Contractor to review site Asbestos register prior to commencing works.
- All power and control wiring associated with the mechanical services installation must be included for.
- A position of all equipment shown is indicative only. Final positions to be determined & indicated on working drawings.
- Refer to presence detector installation instructions for wiring, switch type & final position.
- Refer to mechanical drawings for extract fan details.
- Refer to mechanical layout drawings for positions or outlets to mechanical plant.
- Cable containment (if indicated) is shown as indicative only. Contractor to determine cable containment routes and sizes to suit the installation.
- All necessary decommissioning, isolation, draining down, refilling and water treatment etc associated with the existing heating and domestic water systems in order to facilitate the works shall be included for.
- Stripping out and alterations to domestic water services shall not leave any dead legs on pipe work, however short.
- All pipe work located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
- All supply and extract ductwork located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
- All pipe work/ductwork services located externally shall also be waterproofed in addition to being fitted with thermal insulation.
- Light Fittings are to be mounted underside of cable tray where the tray and light fittings cross path.



1 Level 00 Communal Electrical Services  
1:100



2 Level 01-05 Communal Electrical Services  
1:50



3 Level 05 Lift  
1:50

D	02.02.16	Updated Preliminary Issue	AA	JC
C	22.12.15	Lighting Revised as per Codes	AS	JC
B	18.11.15	Preliminary Issue	JC	DT
A	17.11.15	Preliminary Issue	JC	DT
Rev	Date	Description	CHK	App

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London E1 8DE  
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Project No:  
84922

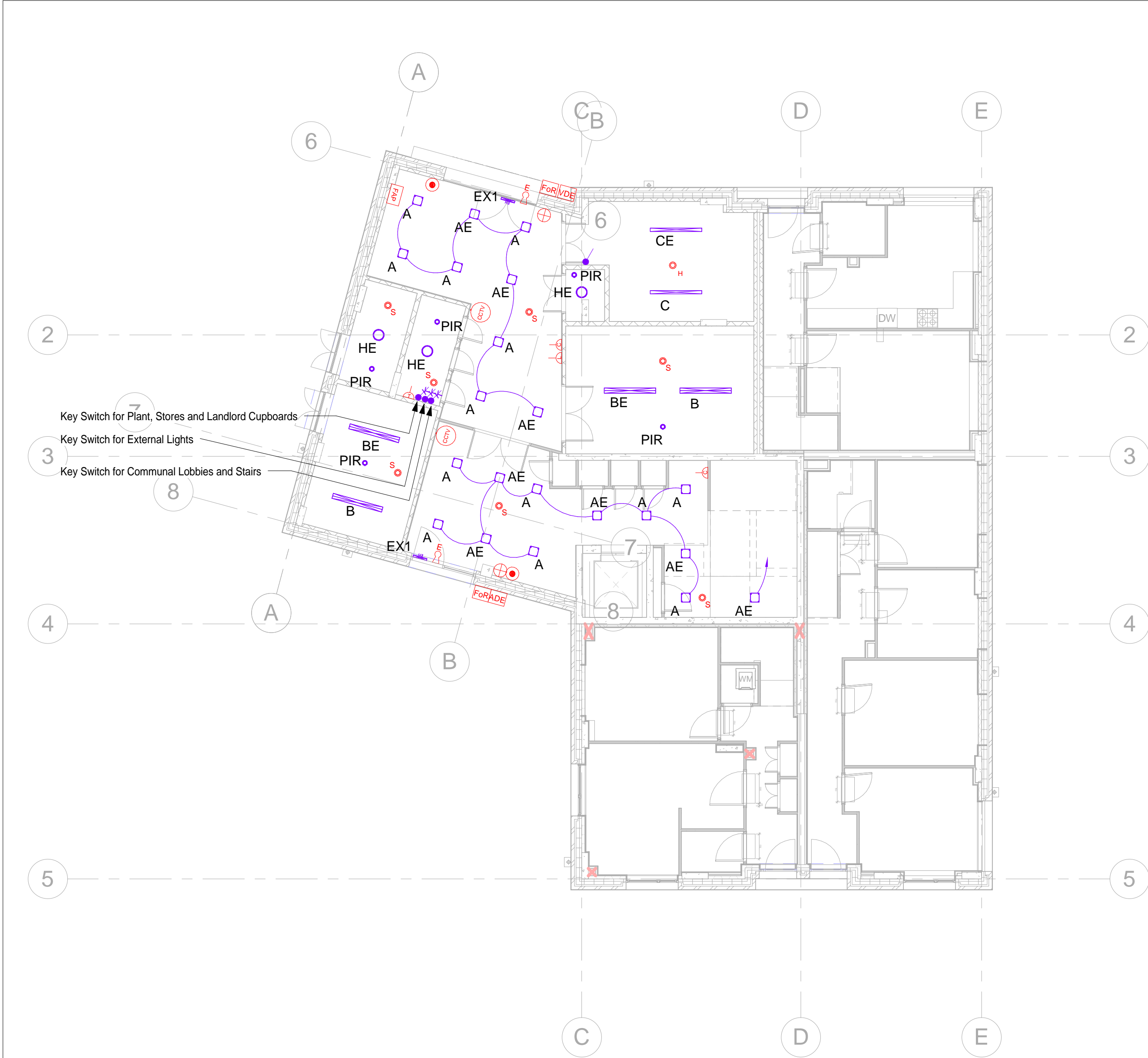
Project:  
Regents Park Estate  
Plot 3 - Varnell Street

Drawing Title:  
Communal Electrical Services

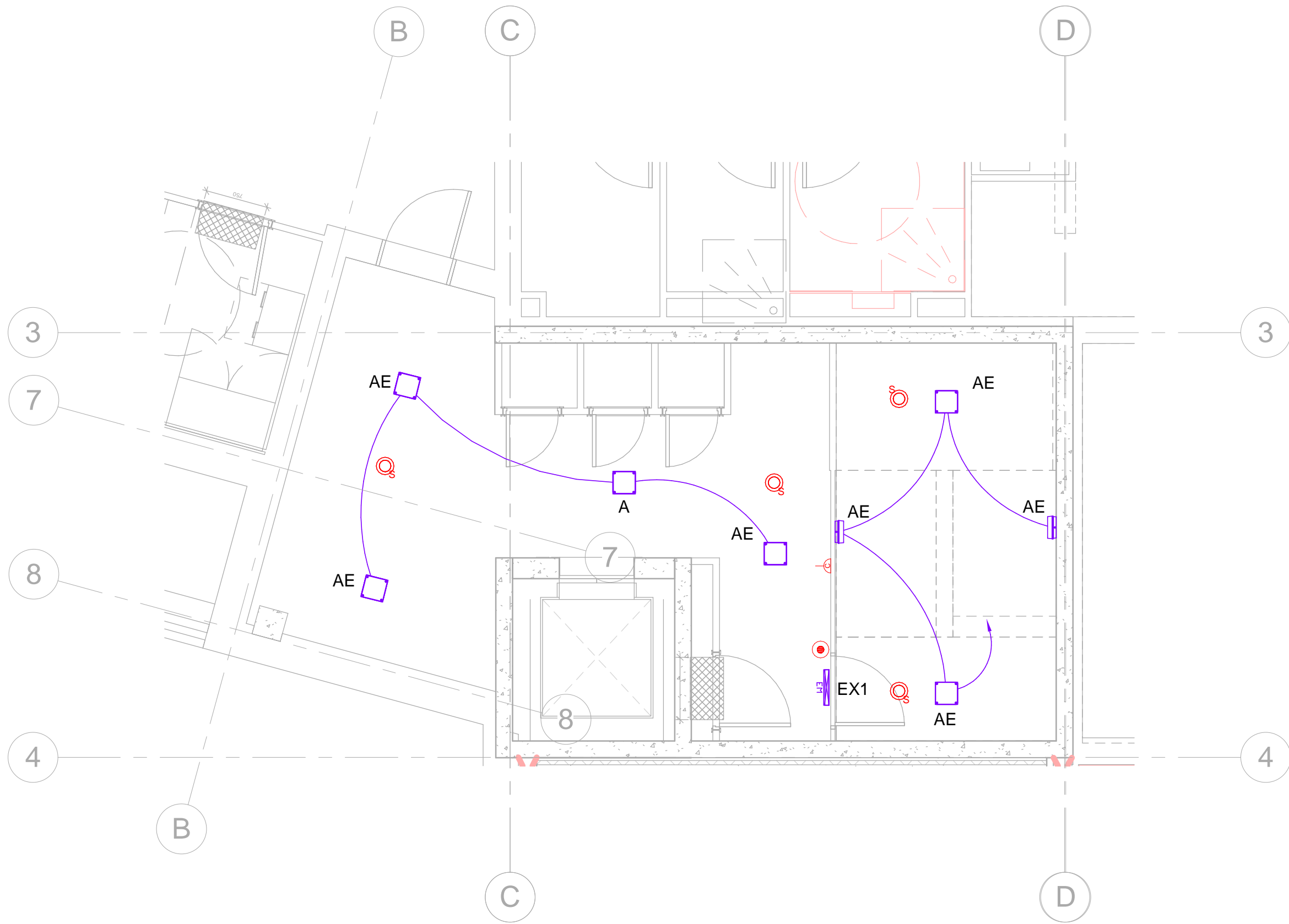
Client:  
Lovell Partnership Ltd.

File Ref:			Revision:
VARS - IW - XX - ZZ - DR - E - 27.23			D
Status:	Purpose of Issue:	Scale:	Size:
	PRELIMINARY	As indicated	A1

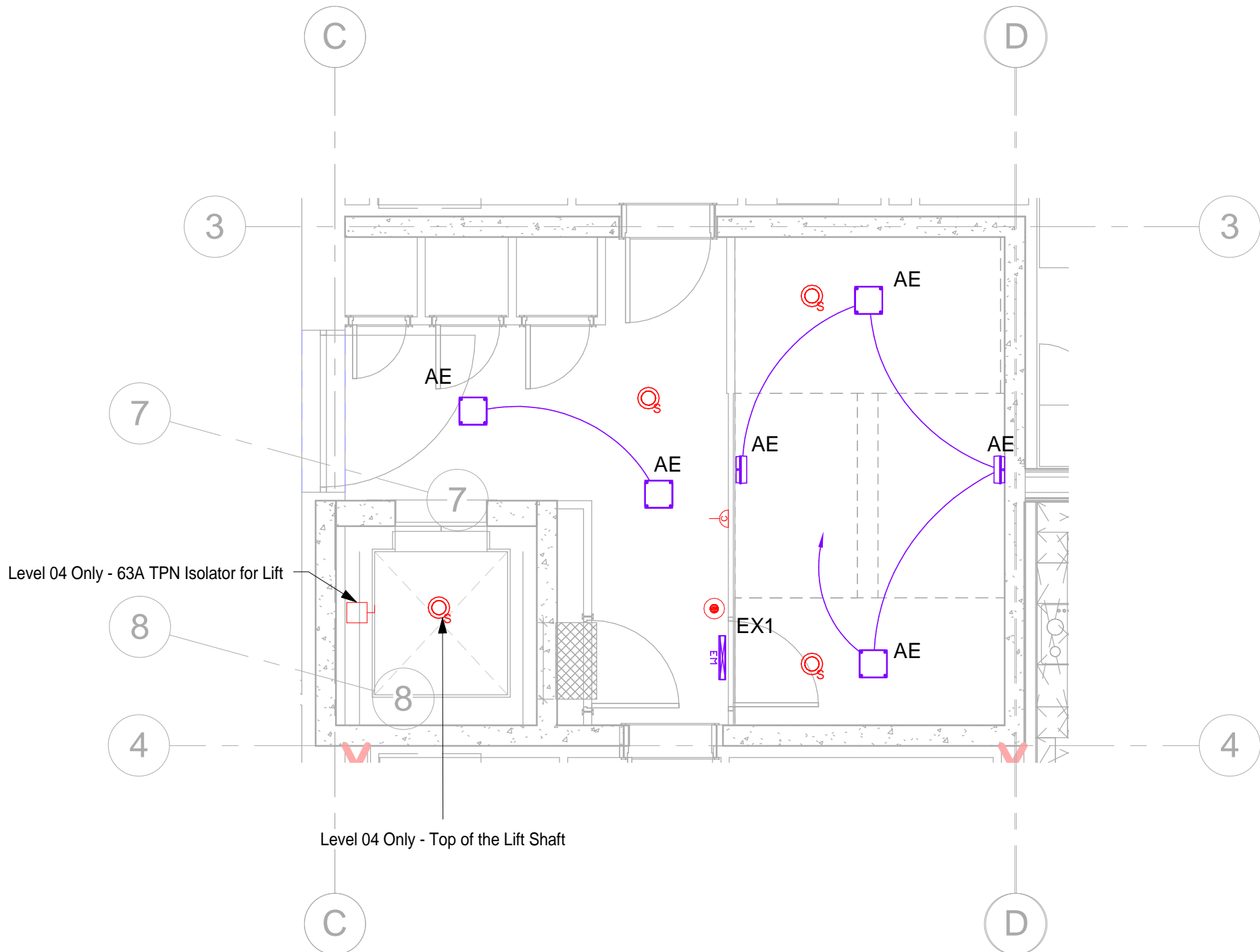




1 Level 0 Communal Electrical Services  
1 : 100



2 Level 01 & 02 Communal Electrical Services  
1 : 50



3 Level 03 & 04 Communal Electrical Services  
1 : 50

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  13. All power and control wiring associated with the mechanical services installation must be included for.
  14. A position of all equipment shown is indicative only. Final positions to be determined & indicated on working drawings.
  15. Refer to presence detector installation instructions for wiring, switch type & final position.
  16. Refer to mechanical drawings for extract fan details.
  17. Refer to mechanical layout drawings for positions of outlets to mechanical plant.
  18. Cable containment (if indicated) is shown as indicative only. Contractor to determine cable containment routes and sizes to suit the installation.
  19. All necessary decommissioning, isolation, draining down, refilling and water treatment etc associated with the existing heating and domestic water systems in order to facilitate the works shall be included for.
  20. Stripping out and alterations to domestic water services shall not leave any dead legs on pipe work, however short.
  21. All pipe work located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
  22. All supply and extract ductwork located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
  23. All pipe work/ductwork services located externally shall also be waterproofed in addition to being fitted with thermal insulation.
  24. Light Fittings are to be mounted underside of cable tray where the tray and light fittings cross path.

B	22.12.15	Lighting Revised as per Calcs	AS	JC
A	26.11.15	Preliminary Issue	JC	DT
-	-	First Issue	Chk	Apr
Rev:	Date:	Description:	Chk:	Apr:

Scale @ A1:	Issuing Office:	Project No:
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Status:	Purpose of Issue:
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Project:  
Regents Park Estate  
Plot 5 - Dick Collins Hall

Drawing Title:  
Communal Electrical Services

Client:  
Lovell Partnership Ltd.

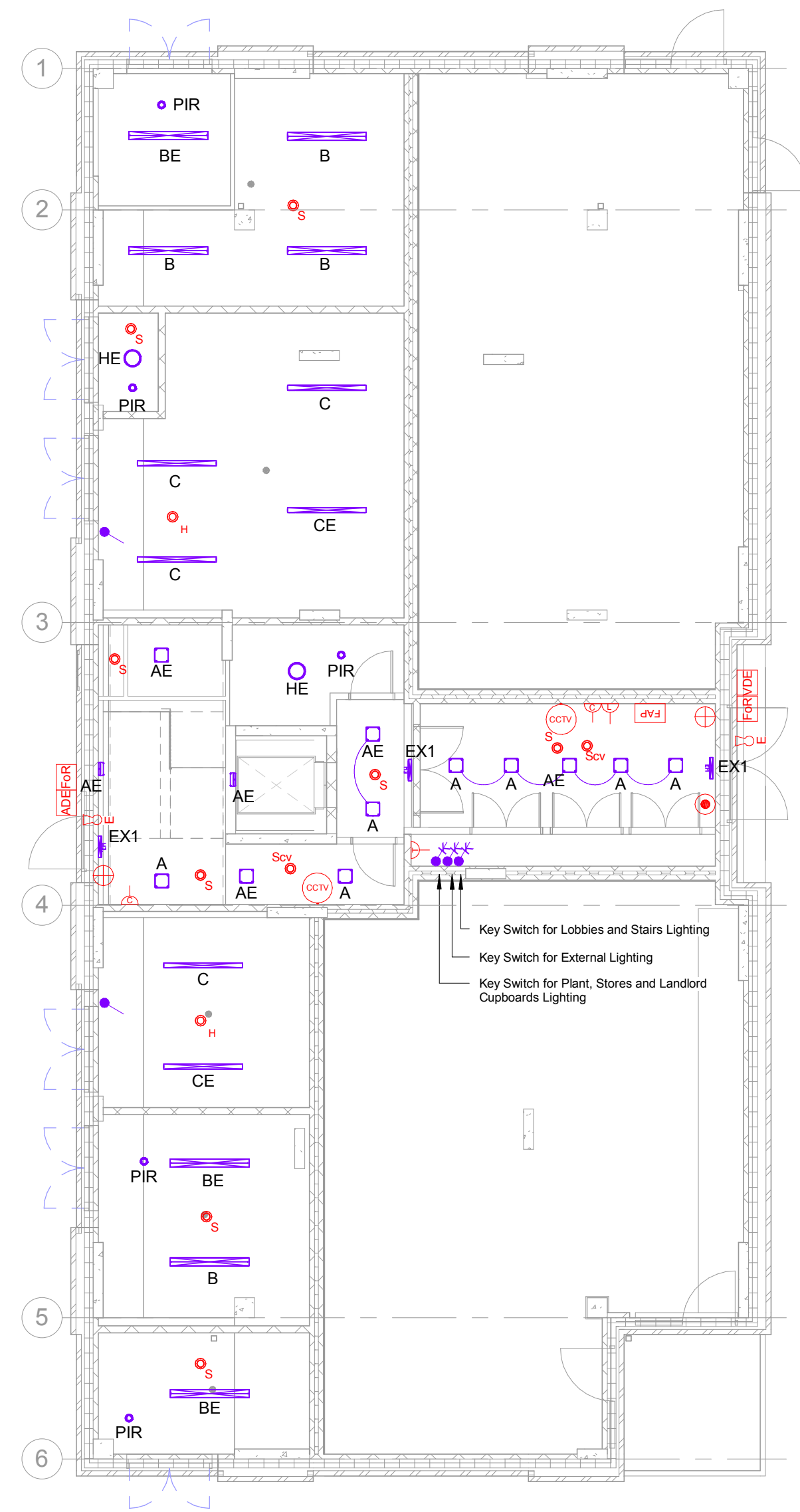
File Ref:	Revision:
DCH - IW - XX - ZZ - DR - E - 27.23	B

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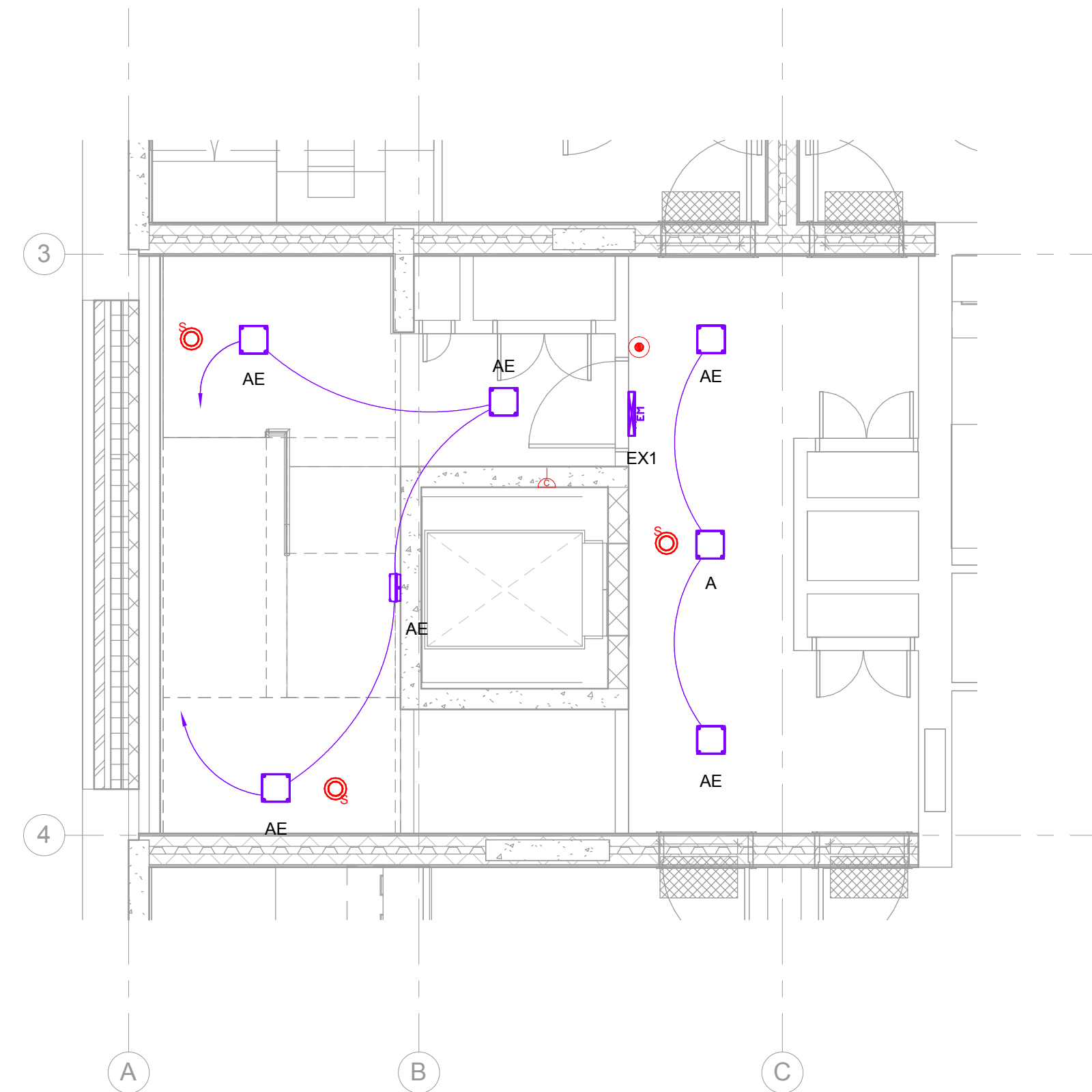
LEGEND: DO NOT SCALE

Notes:

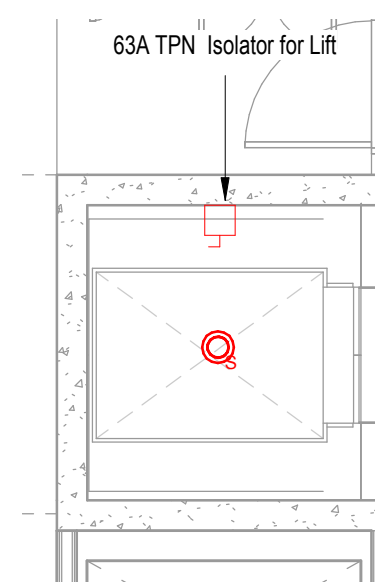
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5. The drawings and references herein have been imported from the engineering drawings and references should be made to the individual structural/architectural drawings for exact dimensions.
6. The drawings should be in accordance with all relevant consultants' specified sub-contractors, supply chain drawings and specifications for exact dimensions and type of materials.
7. Discrepancies and/or ambiguities within this drawing, between a 2d information and a 3d model, or between a 3d model and a 3d model shall be clarified before proceeding.
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10. All physical representations of equipment on this drawing have been coordinated, but are approximations only. Please refer to specifications and/or data for actual sizes and/or specific contractor construction information.
11. All equipment work associated with this drawing shall be installed in accordance with the manufacturer's instructions. The contractor shall be responsible for the installation must be included for:
12. All power and control wiring associated with the mechanical services installation must be included.
13. A position of all equipment shown is indicative only. Final positions to be determined on site.
14. Refer to appendix sheet installation instructions for wiring, switch type & final position.
15. Refer to mechanical drawings for extract fan details.
16. Refer to mechanical layout drawings for positions of outlets to mechanical plant.
17. The contractor shall be responsible for the installation of the equipment. The contractor shall determine cable containment routes and sizes to suit the installation.
18. All equipment shall be to be mounted underneath of cable tray where the tray and light fittings cross path.



1 Level 0 Communal Electrical Services  
1 : 100



2 Level 01-06 Electrical Services  
1 : 50



3 Level 06 Lift  
1 : 50

C	27.01.16	Updated Preliminary Issue	AA	JC
B	22.12.15	Lighting Revised as per Calcs	AS	JC
A	16.11.15	Preliminary Issue	JC	DT
Rev:	Date:	Description:	Chk:	Apr:

Scale @ A1:	Issuing Office:	Project No:
As indicated	London	84922

Status:	Purpose of Issue:	PRELIMINARY
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London E1 8DE

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Project:  
Regents Park Estate  
Plot 2 - Rydal Water Open Space

Drawing Title:  
**Communal Electrical Services**

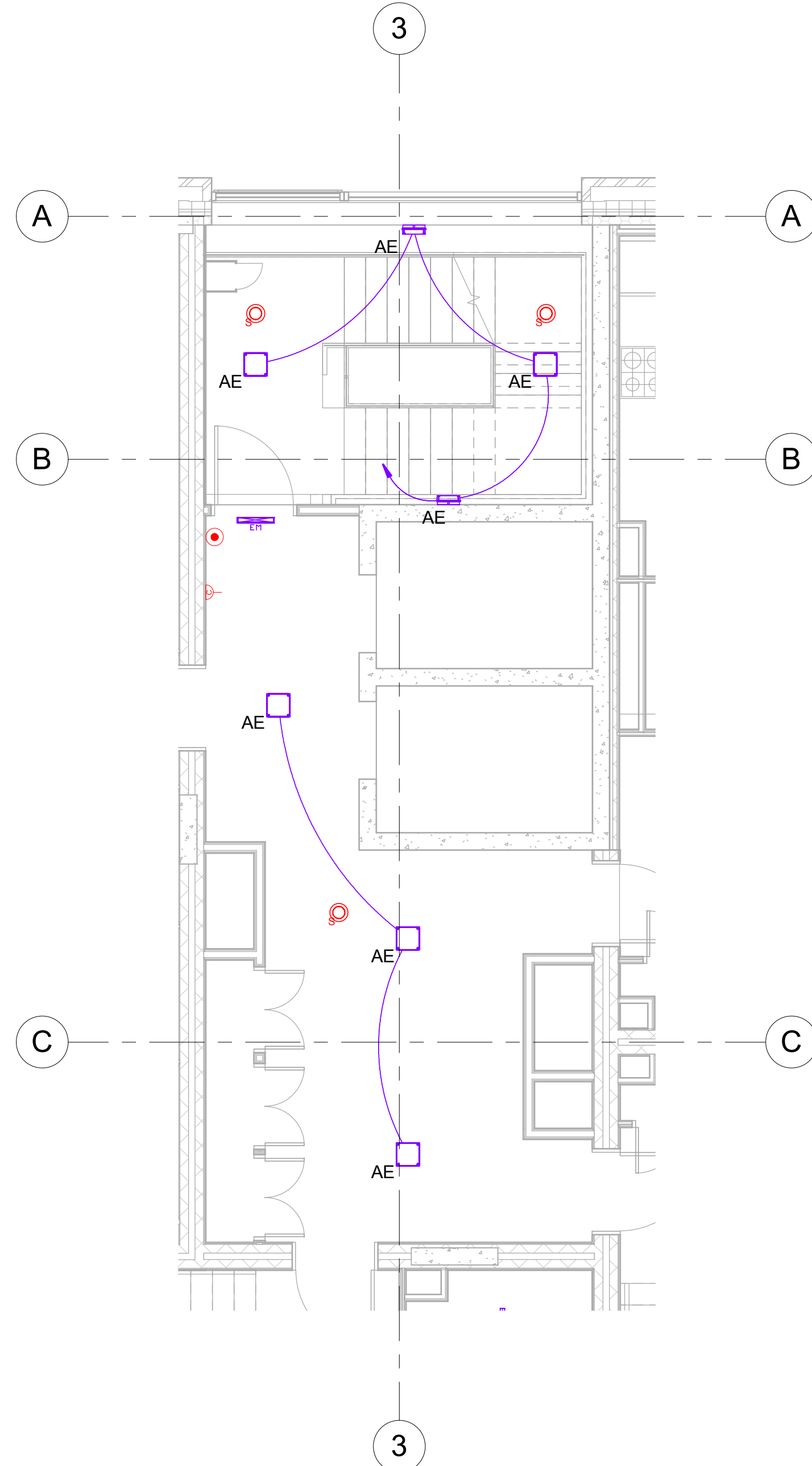
Client: Lovell Partnership Ltd.

File Ref:	Revision:
RWOS - IW - XX - ZZ - DR - E - 27.23	C

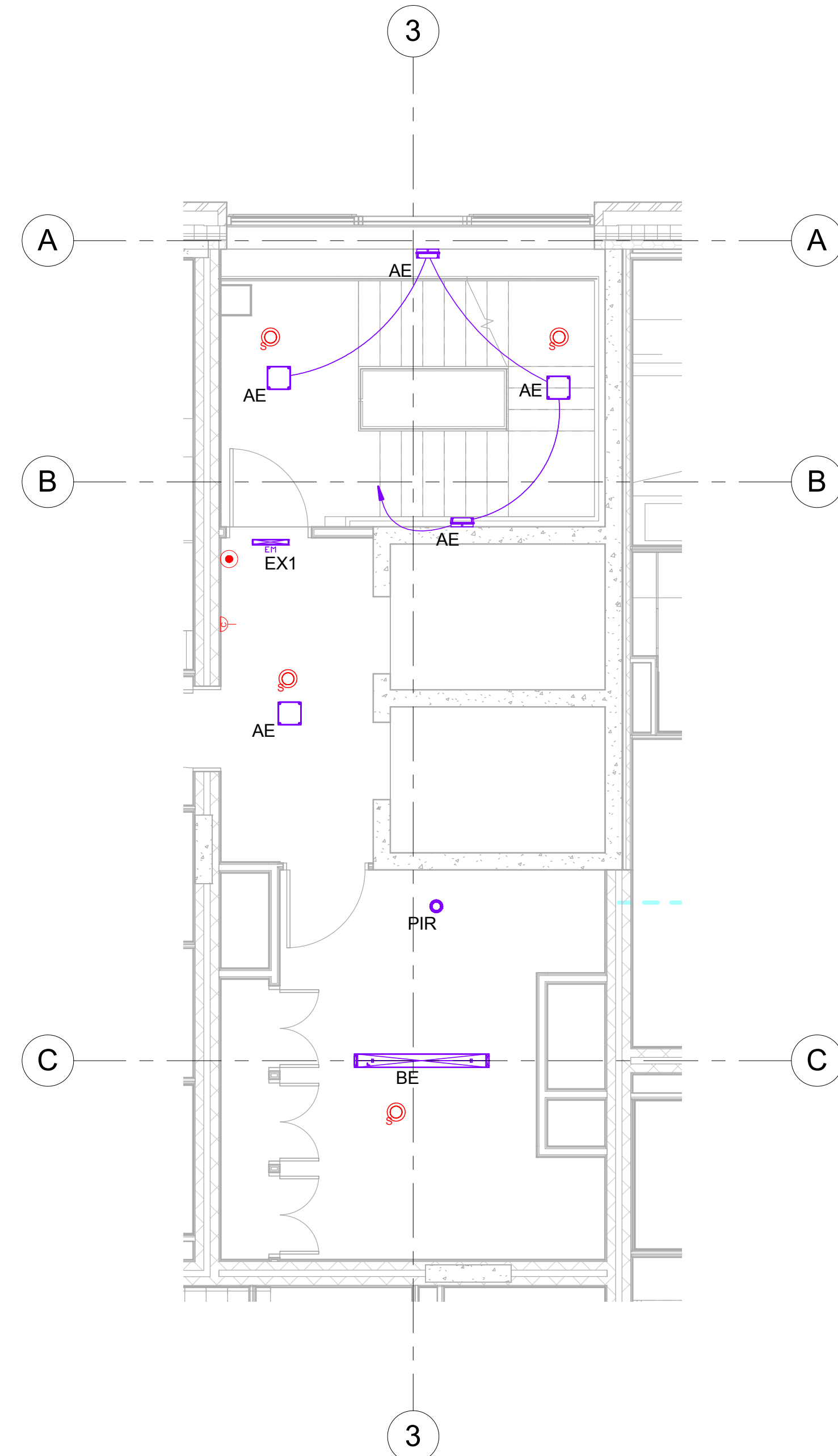




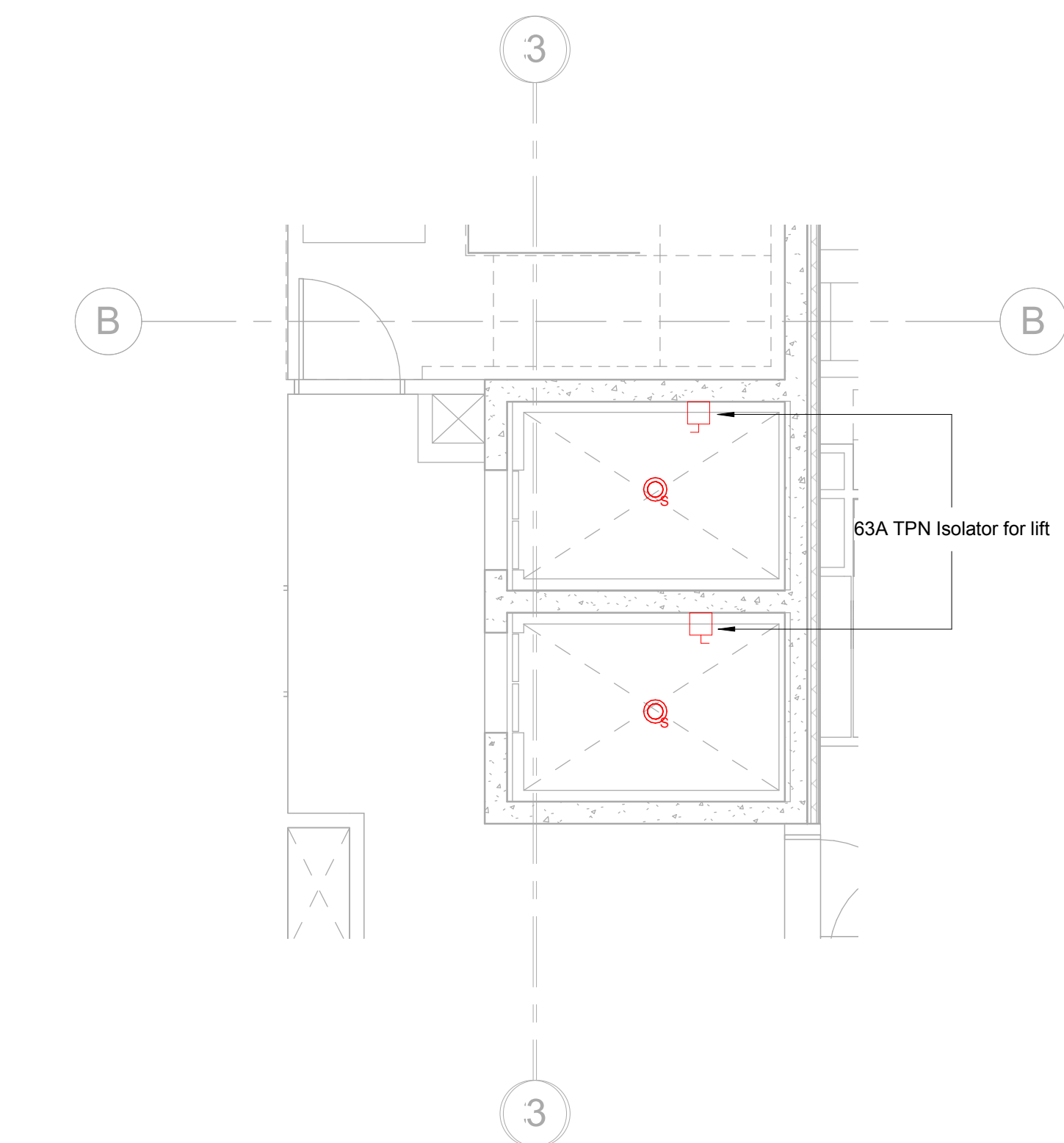
1 Level 00 Communal Electrical Services  
1 : 100



2 Typical Intermediate Communal Electrical Services  
1 : 50



3 Typical Intermediate Level with Cycle Store Communal Electrical Services  
1 : 50



4 Level 10 Lifts  
1 : 50

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  11. All builders work associated with the mechanical and electrical services installation must be included for.
  12. Contractor to review site Asbestos register prior to commencing works.
  13. All power and control wiring associated with the mechanical services installation must be included for.
  14. A position of all equipment shown is indicative only. Final positions to be determined & indicated on working drawings.
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  16. Refer to mechanical drawings for extract fan details.
  17. Refer to mechanical layout drawings for positions of outlets to mechanical plant.
  18. Cable containment (if indicated) is shown as indicative only. Contractor to determine cable containment routes and sizes to suit the installation.
  19. All necessary decommissioning, isolation, draining down, refilling and water treatment etc associated with the existing heating and domestic water systems in order to facilitate the works shall be included for.
  20. Stripping out and alterations to domestic water services shall not leave any dead legs on pipe work, however short.
  21. All pipe work located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
  22. All supply and extract ductwork located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
  23. All pipe work/ductwork services located externally shall also be waterproofed in addition to being fitted with thermal insulation.
  24. Light Fittings are to be mounted underside of cable tray where the tray and light fittings cross path.

C	29.01.16	Updated Preliminary Issue	AS	JC
B	22.12.15	Lighting Revised as per Calc's	AS	JC
A	20.11.15	Preliminary Issue	JC	DT
Rev:	Date:	Description:	Chk:	Apr:

Scale @ A1:	Issuing Office:	Project No:
As indicated	London	84922

Status:	Purpose of Issue:

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Project:  
Regents Park Estate  
Plot 4 - Newlands

Drawing Title:  
Communal Electrical Services

Client:  
Lovell Partnership Ltd.

File Ref:	Revision:
NL - IW - XX - ZZ - DR - E - 27.24	C



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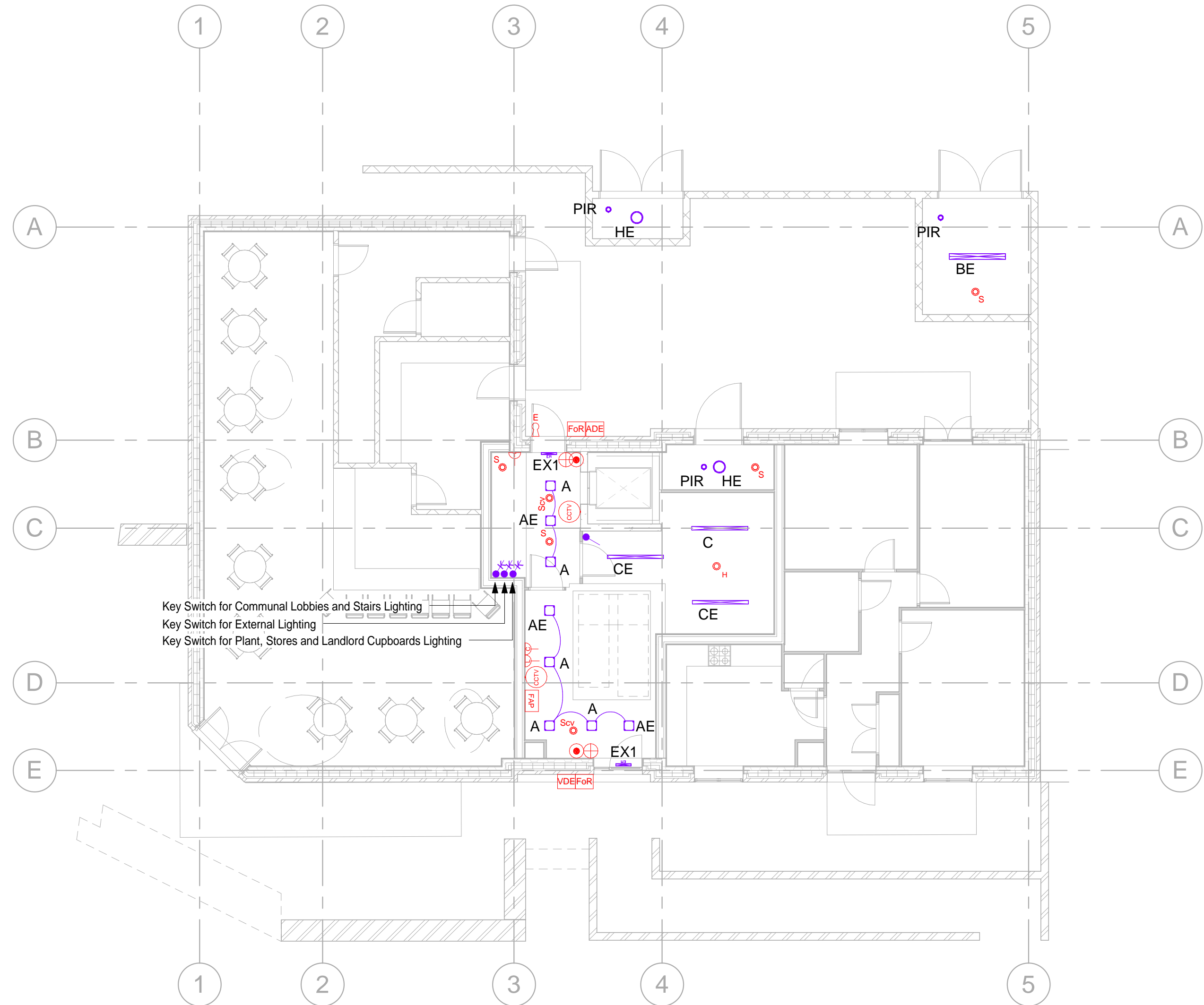
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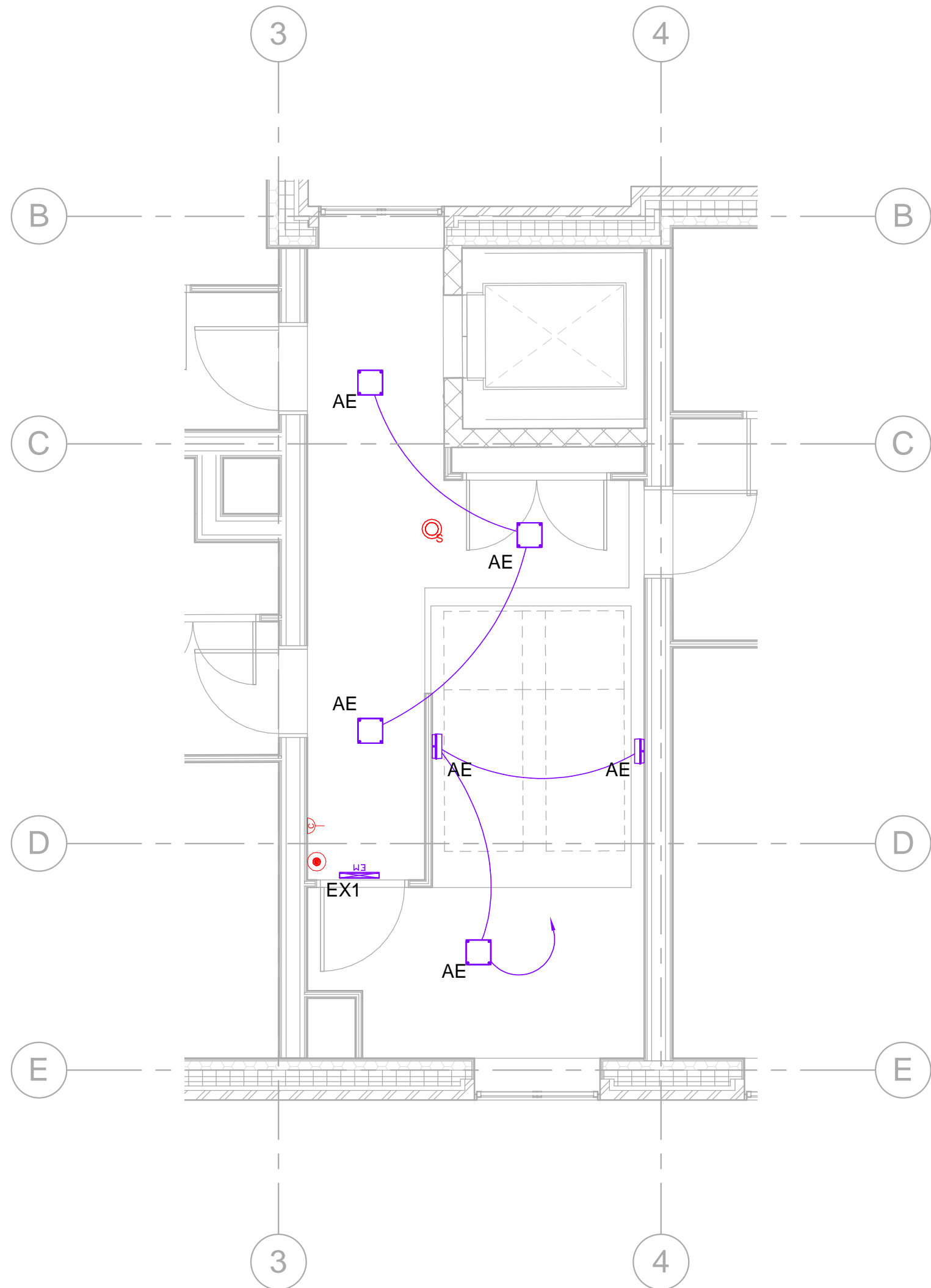
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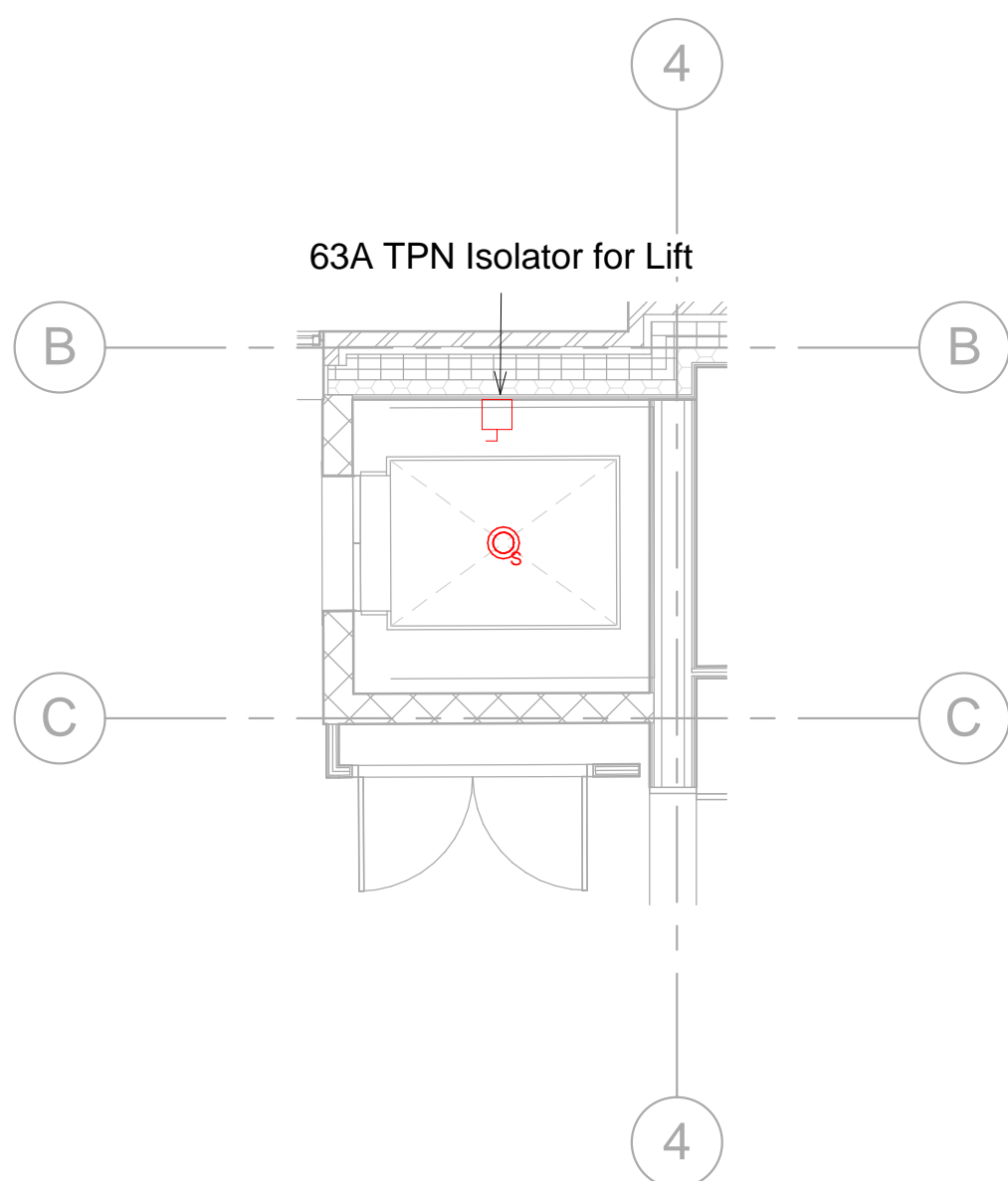
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  12. Contractor to review site Asbestos register prior to commencing works.
  13. All power and control wiring associated with the mechanical services installation must be included for.
  14. A position of all equipment shown is indicative only. Final positions to be determined & indicated on working drawings.
  15. Refer to presence detector installation instructions for wiring, switch type & final position.
  16. Refer to mechanical drawings for extract fan details.
  17. Refer to mechanical layout drawings for positions of outlets to mechanical plant.
  18. Cable containment (if indicated) is shown as indicative only. Contractor to determine cable containment routes and sizes to suit the installation.
  19. All necessary decommissioning, isolation, draining down, refilling and water treatment etc associated with the existing heating and domestic water systems in order to facilitate the works shall be included for.
  20. Stripping out and alterations to domestic water services shall not leave any dead legs on pipe work, however short.
  21. All pipe work located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
  22. All supply and extract ductwork located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
  23. All pipe work/ductwork services located externally shall also be waterproofed in addition to being fitted with thermal insulation.
  24. Light Fittings are to be mounted underside of cable tray where the tray and light fittings cross path.



1 Level 00 Communal Electrical Services  
1 : 100



2 Level 01-03 Communal Electrical Services  
1 : 50



3 Level 03 Lift  
1 : 50

C	10.02.12	Updated Preliminary Issue	AS	JC
B	22.12.15	Lighting Revised as per Calcs	AS	JC
A	27.11.15	Preliminary Issue	JC	DT
-	-	First Issue	Chk	Apr
Rev:	Date:	Description:	Chk:	Apr:

Scale @ A1:	Issuing Office:	Project No:
As indicated	London	84922

Status:	Purpose of Issue:
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Project:  
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Plot 8 - The Victory Pub

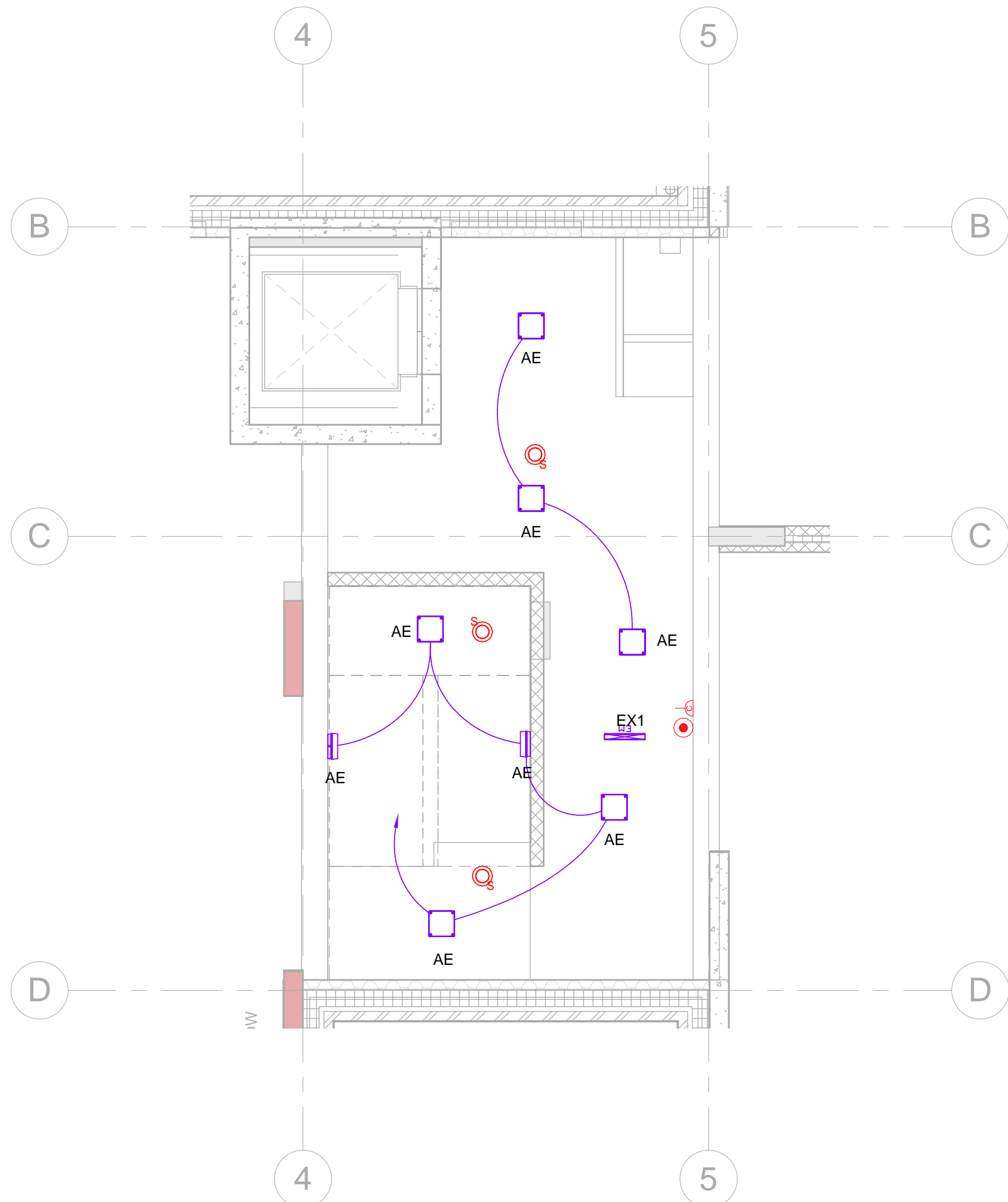
Drawing Title:  
Communal Electrical Services

Client:  
Lovell Partnership Ltd.

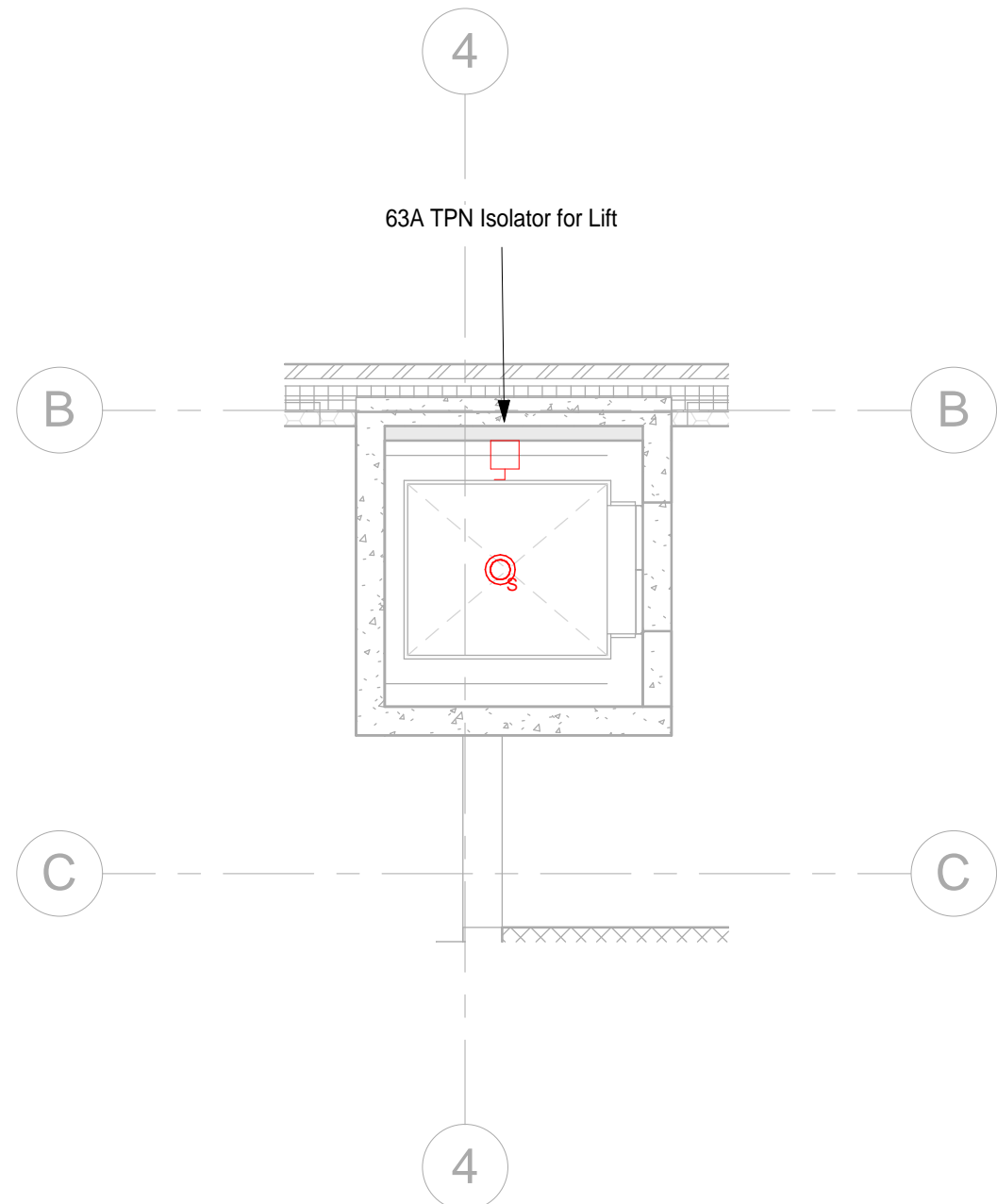
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TVP - IW - XX - ZZ - DR - E - 27.23	C



1 Level 00 Communal Electrical Services  
1 : 100



2 Level 01-05 Communal Electrical Services  
1 : 50



3 Level 05 Lift  
1 : 50

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  17. Refer to mechanical layout drawings for positions of outlets to mechanical plant.
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  21. All pipe work located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
  22. All supply and extract ductwork located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
  23. All pipe work ductwork services located externally shall also be waterproofed in addition to being fitted with thermal insulation.
  24. Light Fittings are to be mounted underside of cable tray where the tray and light fittings cross path.

C	08.02.15	Updated Preliminary Issue	AS	JC
B	22.12.15	Lighting Revised as per Calcs	AS	JC
A	25.11.15	Preliminary Issue	AS	JC
Rev:	Date:	Description:	First Issue	Chk: Apr:

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1 Alie Street  
London E1 8DE  
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Project:  
Regents Park Estate  
Plot 6 - Cape of Good Hope

Drawing Title:  
Communal Electrical Services

Client:  
Lovell Partnership Ltd.

File Ref:	Revision:
COGH - IW - XX - ZZ - DR - E - 27.23	C



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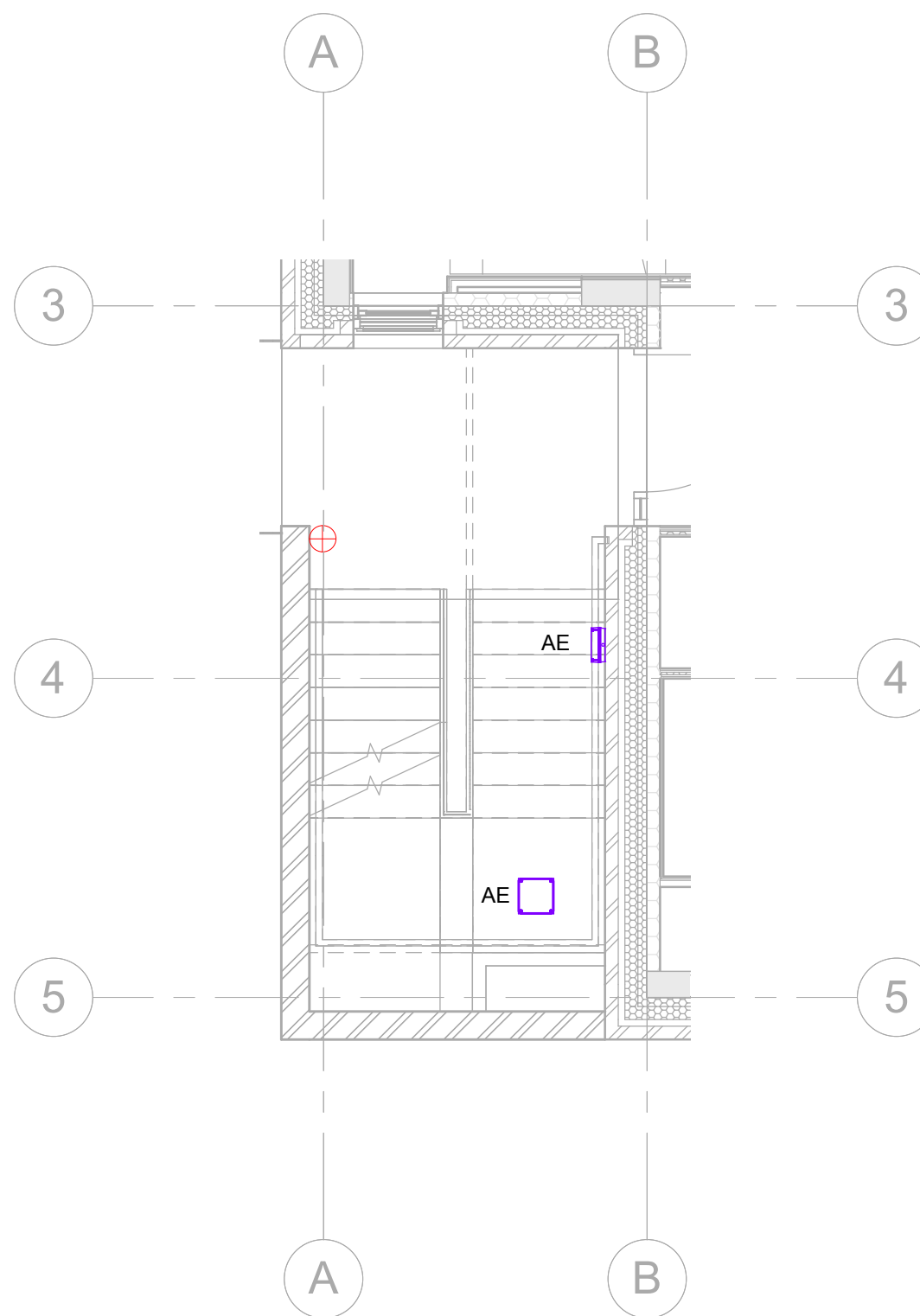
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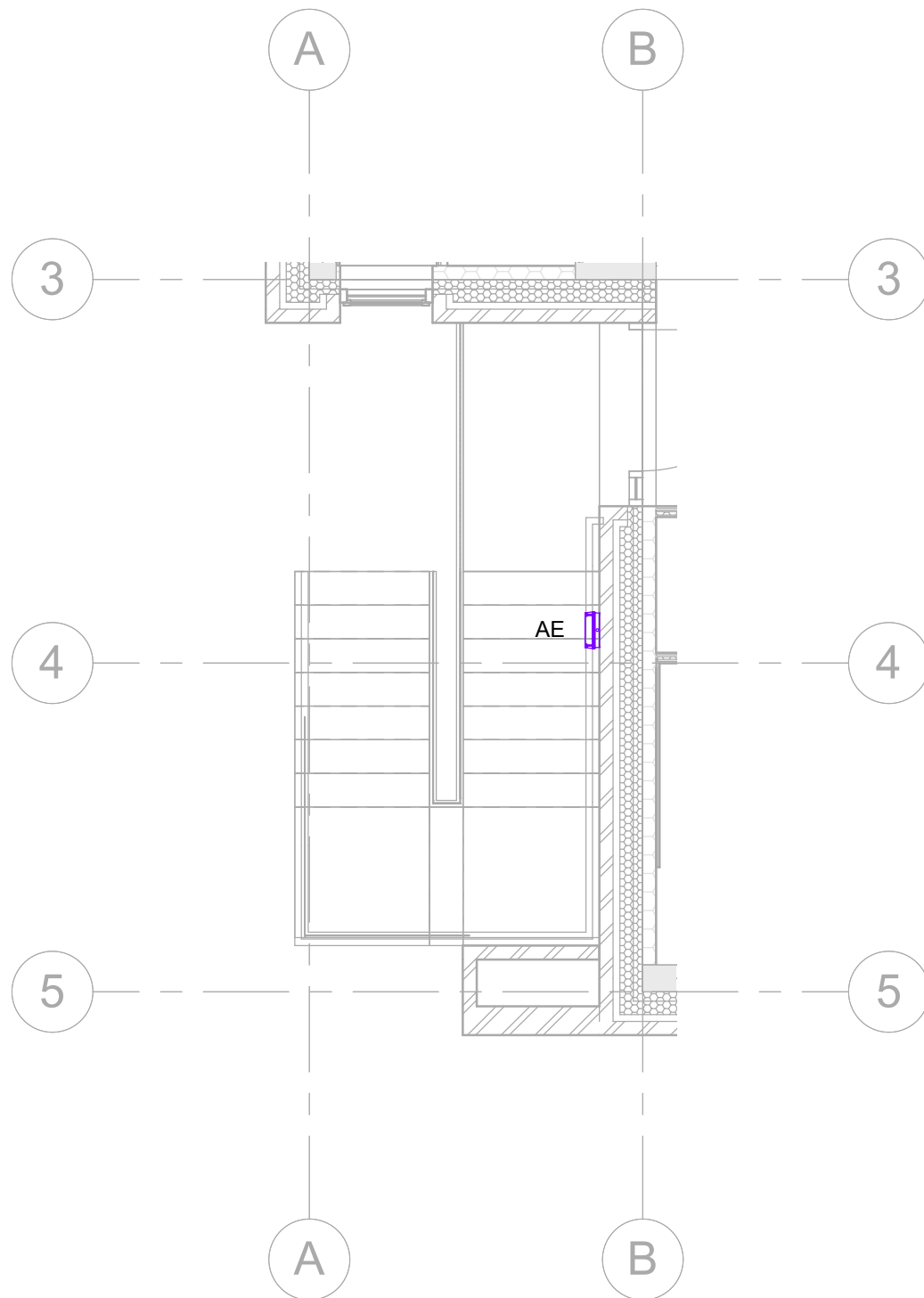
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15. Refer to presence detector installation instructions for wiring, switch type & final position.
16. Refer to mechanical drawings for extract fan details.
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18. Cable containment (if indicated) is shown as indicative only. Contractor to determine cable containment routes and sizes to suit the installation.
19. All necessary decommissioning, isolation, draining down, refilling and water treatment etc associated with the existing heating and domestic water systems in order to facilitate the works shall be included for.
20. Stripping out and alterations to domestic water services shall not leave any dead legs on pipe work, however short.
21. All pipe work located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
22. All supply and extract ductwork located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
23. All pipe work/ductwork services located externally shall also be waterproofed in addition to being fitted with thermal insulation.
24. Light Fittings are to be mounted underside of cable tray where the tray and light fittings cross path.



1 Level 0 Communal Electrical Services  
1 : 50



2 Level 01 Communal Electrical Services  
1 : 50



3 Level 02 Communal Electrical Services  
1 : 50

C	04.02.16	Updated Preliminary Issue	AA	JC
B	22.12.15	Lighting Revised as per Calc's	AB	JC
A	19.11.15	Preliminary Issue	JC	AT
Rev:	Date:	Description:	Chk:	Apr:

Scale @ A1:	Issuing Office:	Project No:
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Project:  
Regents Park Estate  
Plot 9 - St Bedes Mews

Drawing Title:  
Communal Electrical Services

Client:  
Lovell Partnership Ltd.

File Ref:	Revision:
SBM - IW - XX - ZZ - DR - E - 27.23	C



**Appendix C:**  
**Door Entry Schematic**



All dimensions to be verified on site by Main Contractor before the start of any shop drawings or work whatsoever either on their own behalf or that of sub-contractors.

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  3. This drawing is to be read in conjunction with all other drawings and specifications.
  4. Any discrepancies to be referred to the engineer.
  5. This installation is to be co-ordinated with all other trades and existing site installations.
  6. All dimensions to be checked and verified on site prior to the commencement of the works.
  7. Cat 6 telecommunications cables and video coaxial to be run to each apartments handsfree monitor.
  8. Cable to installed in Cable Basket within the building riser to each floor.
  - 9.All required specialist equipment may no be illustrated on the drawings, however it shall be the responsibility of the electrical contractor to liaise with the specialist to ensure that all necessary equipment is provided and installed to a complete working system.
  - 10.Fob access will be allocated for each Bin store area and the external gates in the court yard as per the landlord services drawings for each ground floor block and site services.
  - 11.Standard key access for external doors to all plant rooms which will be fitted with door contacts and linked to alarm for security.

A	24.11.15	Preliminary Issue	JC	DT
Rev:	Date:	Description:	Chk:	Apr:

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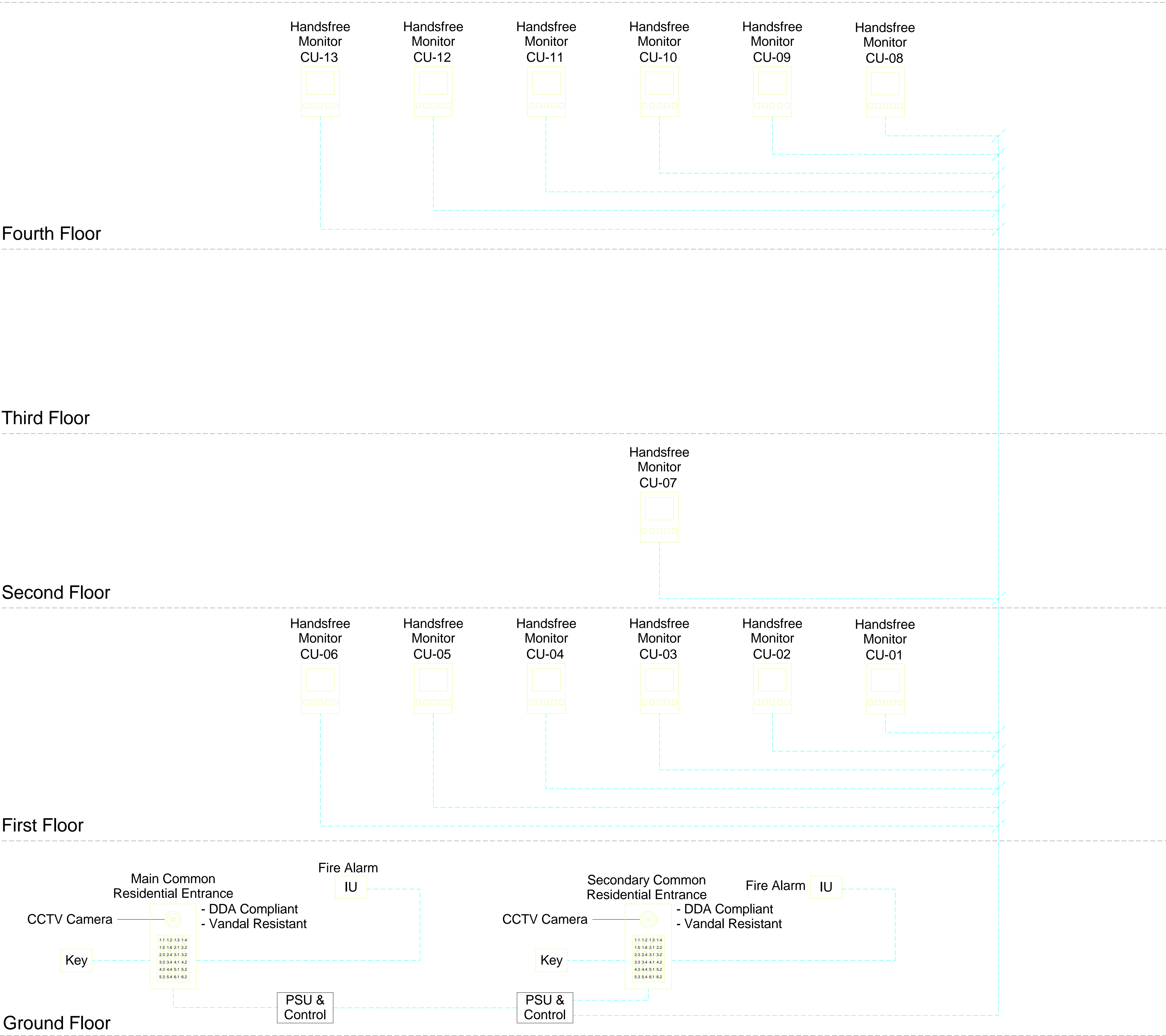
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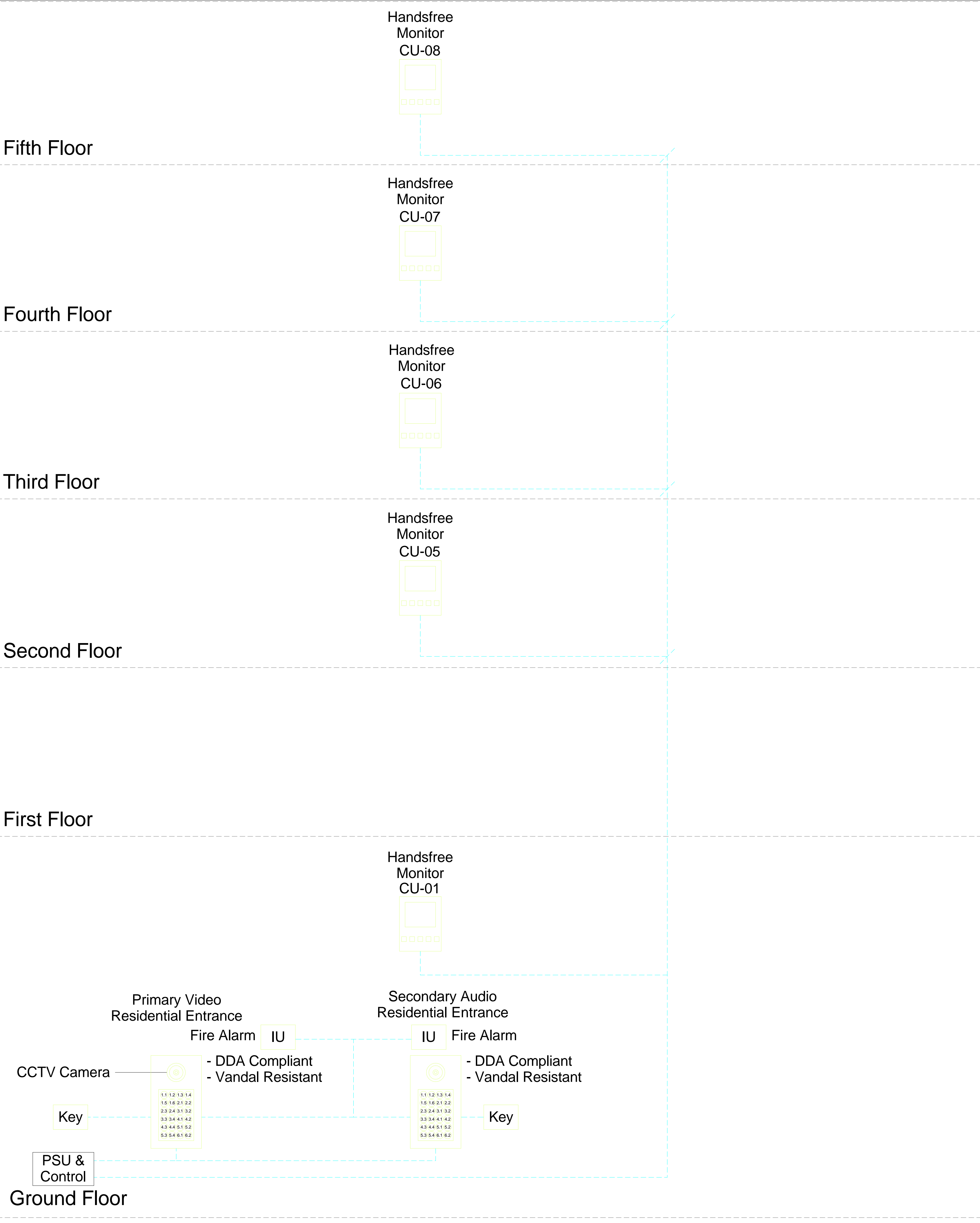
Project:  
Regents Park Estate  
Plot 1 - Robert Street

Drawing Title:  
Door Entry Control Schematic

Client:  
Lovell Partnership Ltd.

File Ref:	Revision:
ROBS - IW - XX - XX - DR - E - 27.08	A





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  - Each flat provided with a standalone Fire Protection and Alarm System conforming to the requirements of BS-5839 - 2014 Grade D category LDR standard.
  - Each Fire Alarm panel will have mounted key switch configured to isolate all interface units associated with mechanical plant shut downs for regular testing purposes. Key to be captive when isolated and to signal a warning buzzer when active
  - Addressable interface units to be connected on one zone to facilitate programming/ isolating for testing purposes.
  - All ground floor flats that are wheelchair accessible will have autodialler via redcare linked through the fire alarm panel.
  - Remote indicator units and interface units to be labelled to indicate area and item of plant control.

B	02.02.16	Updated Preliminary Issue	AA	JC
A	17.11.15	Preliminary Issue	JC	DT
Rev	Date	Description	CHK	App

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Project No:  
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Project:  
Regents Park Estate  
Plot 3 - Varndell Street

Drawing Title:  
Door Entry Schematic

Client:  
Lovell Partnership Ltd.

File Ref:			Revision:
VARS - IW - XX - XX - XX - E - 27.08			B
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4. All structural and mechanical elements, and their connections, shall have been imported from the engineers drawings and reference should be made to the individual structural / mechanical drawings.
5. This drawing should be held in conjunction with all relevant consultants, specialist subcontractors, and chain drawings and specifications for exact setting out, size and type of component.
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11. All electrical and mechanical services shall be installed in accordance with the electrical services installation must be included for.
12. All electrical and mechanical services shall be registered prior to commencing works.
13. All power and control wiring associated with the mechanical services installation must be included for.
14. The location of the equipment shown is indicative only. Final positions to be determined & indicated on working drawings.
15. All work shall be carried out in accordance with the instructions for working, switch type & final position.
16. Refer to mechanical drawings for exact fix details.
17. Refer to mechanical drawings for positions of ducts to mechanical plant.
18. Cable containment (if indicated) is shown as indicated only. Contractor to determine the correct cable containment system to be used.
19. All necessary decontamination, isolation, draining out, refilling and water treatment shall be carried out in accordance with the mechanical and domestic water systems in order to facilitate the works shall be included for.
20. Stripping out and alterations to domestic water services shall not leave any water in the system.
21. All pipe work located within ceiling/grf/service voids, ducts, enclosures, plant, and equipment shall be protected in accordance with the mechanical services specification.
22. All supply and extract ductwork located within ceiling/grf/service voids, ducts, enclosures, plant, or externally shall be installed in accordance with the mechanical services specification.
23. All pipe work and equipment located externally shall also be waterproofed in addition to being fitted with thermal insulation.
24. All pipe work and equipment to be mounted underdressed in accordance with the fittings cross path.

A. Cat 6 telecommunications cables and video coaxial to be run to each apartment handover monitor.

B. Access to installed fire alarm control panel within the building riser to each floor. All required specialist equipment may not be illustrated on the drawings, however it shall be the responsibility of the electrical contractor to liaise with the specialist to ensure that all necessary equipment is provided and installed to a complete fire alarm system. Fire access will be allocated for each Bin store area and the external gates in the court yard as per the landlord handover drawings and the ground floor block and site services.

E. Standard key access for external doors to all plant rooms which will be fitted with door contacts and linked to alarm for security.

Scale @ A1: <b>1 : 50</b>	Issuing Office: <b>London</b>	Project No: <b>84922</b>
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Project:  
Regents Park Estate  
Plot 5 - Dick Collins Hall

Client: Lovell Partnership Ltd.

File Ref:	Revision:
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  6. All dimensions to be checked and verified on site prior to the commencement of the works.
  7. Cat 6 telecommunications cables and video coaxial to be run to each apartments handsfree monitor.
  8. Cable to installed in Cable Basket within the building riser to each floor.
  9. All required specialist equipment may not be illustrated on the drawings, however it shall be the responsibility of the electrical contractor to liaise with the specialist to ensure that all necessary equipment is provided and installed to a complete working system.
  10. Fob access will be allocated for each Bin store area and the external gates in the court yard as per the landlord services drawings for each ground floor block and site services.
  11. Standard key access for external doors to all plant rooms which will be fitted with door contacts and linked to alarm for security.



A	16.11.15	Preliminary Issue	JC	DT
Rev:	Date:	Description:	Chk:	Apr:
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Status:	Purpose of Issue: PRELIMINARY			



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Project:  
Regents Park Estate  
Plot 2 - Rydal Water Open Space

Drawing Title:  
Door Entry Schematic

Client:  
Lovell Partnership Ltd.

File Ref:	Revision:
RWOS - IW - XX - XX - DR - E - 27.08	A





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  16. Refer to mechanical drawings for extract fan details.
  17. Refer to mechanical layout drawings for positions of outlets to mechanical plant.
  18. Cable containment (if indicated) is shown as indicative only. Contractor to determine cable containment routes and sizes to suit the installation.
  19. Light Fittings are to be mounted underside of cable tray where the tray and light fittings cross path.

- Drawing Specific Notes**
- A. Cat 6 telecommunications cables and video coaxial to be run to each apartments handsfree monitor. Cable to be installed in Cable Basket within the building riser to each floor.
  - B. All required specialist equipment may not be illustrated on the drawings, however it shall be the responsibility of the electrical contractor to liaise with the specialist to ensure that all necessary equipment is provided and installed to a complete working system.
  - C. Fob access will be allocated for each Bin store area and the external gates in the court yard as per the landlord services drawings for each ground floor block and site services.
  - D. Standard key access for external doors to all plant rooms which will be fitted with door contacts and linked to alarm for security.
  - E.

A	20.11.15	Preliminary Issue	JC	DT
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Project:  
**Regents Park Estate**  
**Plot 4 - Newlands**

Drawing Title:  
**Door Entry Schematic**

Client:  
**Lovell Partnership Ltd.**

File Ref:	Revision:
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  5. All structural & architectural elements, where indicated, have been imported from the engineers drawings and reference should be made to the individual structural / architectural drawings for exact dimensions.
  6. This drawing should be read in conjunction with all relevant consultants, specialist sub-contractors, supply chain drawings and specifications for exact setting out, size and type of component.
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  10. Graphical representations of equipment on this drawing have been co-ordinated, but are approximations only. Please refer to specifications and / or details for actual sizes and or specific contractor construction information.
  11. All builders work associated with the mechanical and electrical services installation must be included for.
  12. Contractor to review site Asbestos register prior to commencing works.
  13. All power and control wiring associated with the mechanical services installation must be included for.
  14. A position of all equipment shown is indicative only. Final positions to be determined & indicated on working drawings.
  15. Refer to presence detector installation instructions for wiring, switch type & final position.
  16. Refer to mechanical drawings for extract fan details.
  17. Refer to mechanical layout drawings for positions of outlets to mechanical plant.
  18. Cable containment (if indicated) is shown as indicative only. Contractor to determine cable containment routes and sizes to suit the installation.
  19. All necessary decommissioning, isolation, draining down, refilling and water treatment etc associated with the existing heating and domestic water systems in order to facilitate the works shall be included for.
  20. Stripping out and alterations to domestic water services shall not leave any dead legs on pipe work, however short.
  21. All pipe work located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
  22. All supply and extract ductwork located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
  23. All pipe work/ductwork services located externally shall also be waterproofed in addition to being filled with thermal insulation.
  24. Light Fittings are to be mounted underside of cable tray where the tray and light fittings cross path.

- Drawing Specific Notes
- A. Cat 6 telecommunications cables and video coaxial to be run to each apartments handsfree monitor.
  - B. Cable to installed in Cable Basket within the building riser to each floor.
  - C. All required specialist equipment may not be illustrated on the drawings however it shall be the responsibility of the electrical contractor to liaise with the specialist to ensure that all necessary equipment is provided and installed to a complete working system.
  - D. Fob access will be allocated for each Bin store area and the external gates in the court yard as per the landlord services drawings for each ground floor block and site services. Standard key access for external doors to all plant rooms which will be fitted with door contacts and linked to alarm for security.

A.	27.11.15	Preliminary Issue	JC	DT
-	-	First Issue	Chk.	Apr.
Rev:	Date:	Description:	Chk.	Apr.

Scale @ A1:	Issuing Office:	Project No:
As indicated	London	84922

Status:	Purpose of Issue:
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1 Alie Street  
London E1 8DE

Billericay  
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T: 020 7680 4400  
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Vision, form and function

Project:  
Regents Park Estate  
Plot 8 - The Victory Pub

Drawing Title:  
Door Entry Control Schematic

Client:  
Lovell Partnership Ltd.

File Ref:	Revision:
TVP - IW - XX - XX - DR - E - 27.08	A

## Third Floor

Handsfree Monitor CU-10

Handsfree Monitor CU-09

Handsfree Monitor CU-08

## Second Floor

Handsfree Monitor CU-07

Handsfree Monitor CU-06

Handsfree Monitor CU-05

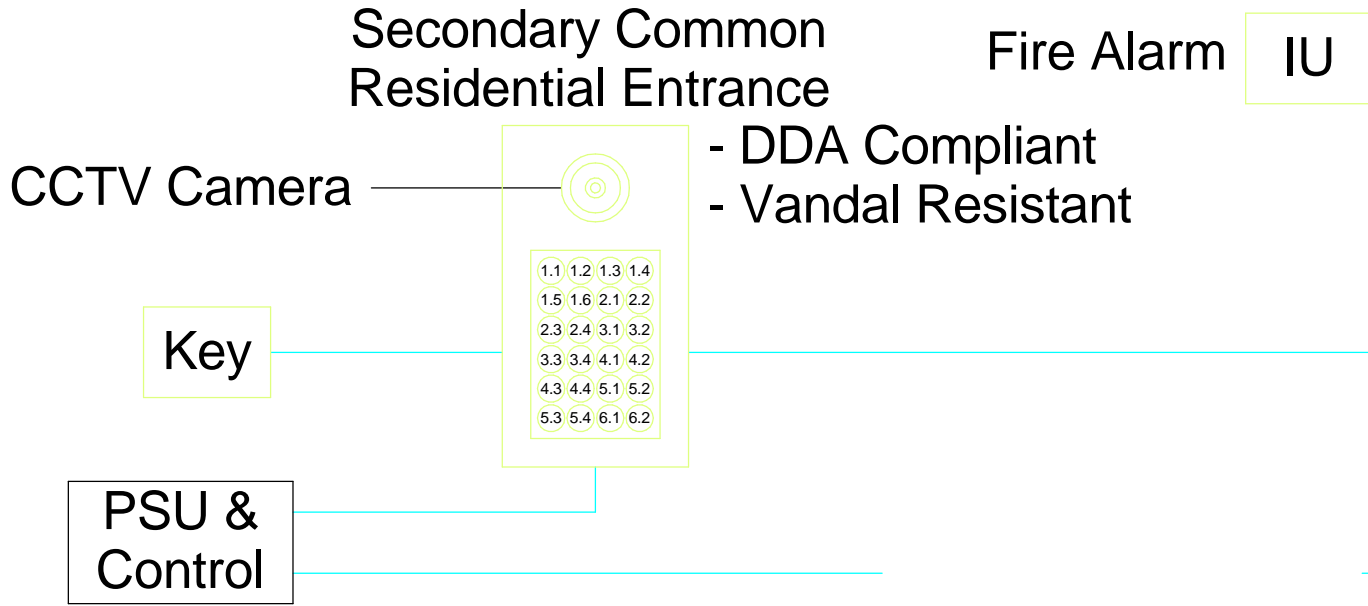
## First Floor

Handsfree Monitor CU-04

Handsfree Monitor CU-03

Handsfree Monitor CU-02

## Ground Floor





Fifth Floor

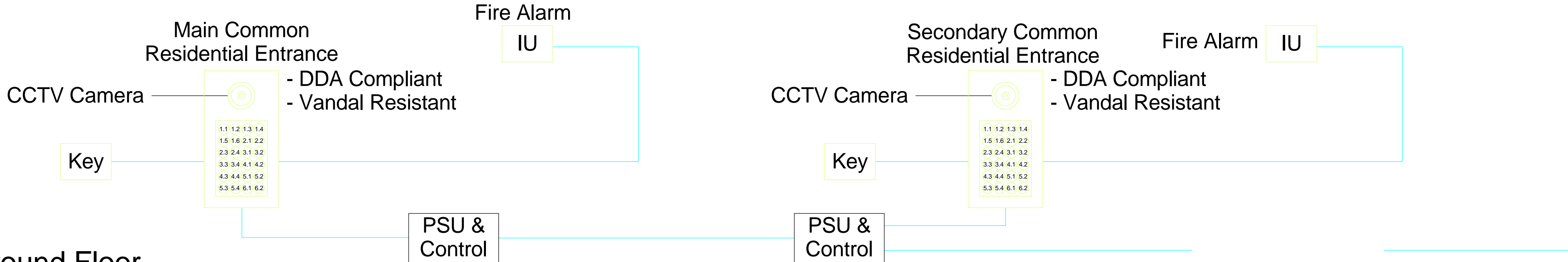
Fourth Floor

Third Floor

Second Floor

First Floor

Ground Floor



All dimensions to be verified on site by Main Contractor before the start of any shop drawings or work whatsoever either on their own behalf or that of sub-contractors.

Report any discrepancies to the Contract Administrator at once.

This drawing is to be read with all relevant Architect's and Engineer's drawings and other relevant information.

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- Notes:**
- Do not scale this drawing (printed or electronic versions).
  - This drawing indicates design intent only and shall not be used as a working drawing or installation drawing. The contractor shall be responsible for producing his own fully coordinated working drawings.
  - Contractors must check all dimensions on site prior to ordering materials or commencing work. Any discrepancies must be reported to the engineer immediately.
  - This drawing is copyright and is for use on this site only.
  - All structural & architectural elements, where indicated, have been imported from the engineers drawings and reference should be made to the individual structural / architectural drawings for exact dimensions.
  - This drawing should be read in conjunction with all relevant consultants, specialist sub-contractors, supply chain drawings and specifications for exact setting out, size and type of component.
  - Discrepancies and/or ambiguities within this drawing, between it and information given elsewhere, must be reported immediately to the Ingleton Wood for clarification before proceeding.
  - All works to be carried out in accordance with the latest British Standards/Codes of Practice/Building Regulations unless specifically directed otherwise in the specification.
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  - All builders work associated with the mechanical and electrical services installation must be included for.
  - Contractor to review site Asbestos register prior to commencing works.
  - All power and control wiring associated with the mechanical services installation must be included for.
  - A position of all equipment shown is indicative only. Final positions to be determined & indicated on working drawings.
  - Refer to presence detector installation instructions for wiring, switch type & final position.
  - Refer to mechanical drawings for extract fan details.
  - Refer to mechanical layout drawings for positions of outlets to mechanical plant.
  - Cable containment (if indicated) is shown as indicative only. Contractor to determine cable containment routes and sizes to suit the installation.
  - All necessary decommissioning, isolation, draining down, refilling and water treatment etc associated with the existing heating and domestic water systems in order to facilitate the works shall be included for.
  - Stripping out and alterations to domestic water services shall not leave any dead legs or pipe work, however short.
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  - All pipe work/ductwork services located externally shall also be waterproofed in addition to being fitted with thermal insulation.
  - Light Fittings are to be mounted underside of cable tray where the tray and light fittings cross path.

- Drawing Specific Notes**
- Cat 6 telecommunications cables and video coaxial to be run to each apartments handsfree monitor.
  - Cable to installed in Cable Basket within the building riser to each floor.
  - All required specialist equipment may not be illustrated on the drawings however it shall be the responsibility of the electrical contractor to liaise with the specialist to ensure that all necessary equipment is provided and installed to a complete working system. Fib access will be allocated for each.
  - Bin store area and the external gates in the court yard as per the landford services drawings for each ground floor block and site services.
  - Standard key access for external doors to all plant rooms which will be fitted with door contacts and linked to alarm for security.

A	25.11.15	Preliminary Issue	AS	JC
-	-	First Issue	Chk.	Apr.
Rev:	Date:	Description:	Chk.	Apr.

Scale @ A1:	Issuing Office:	Project No:
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Project:  
Regents Park Estate  
Plot 6 - Cape of Good Hope

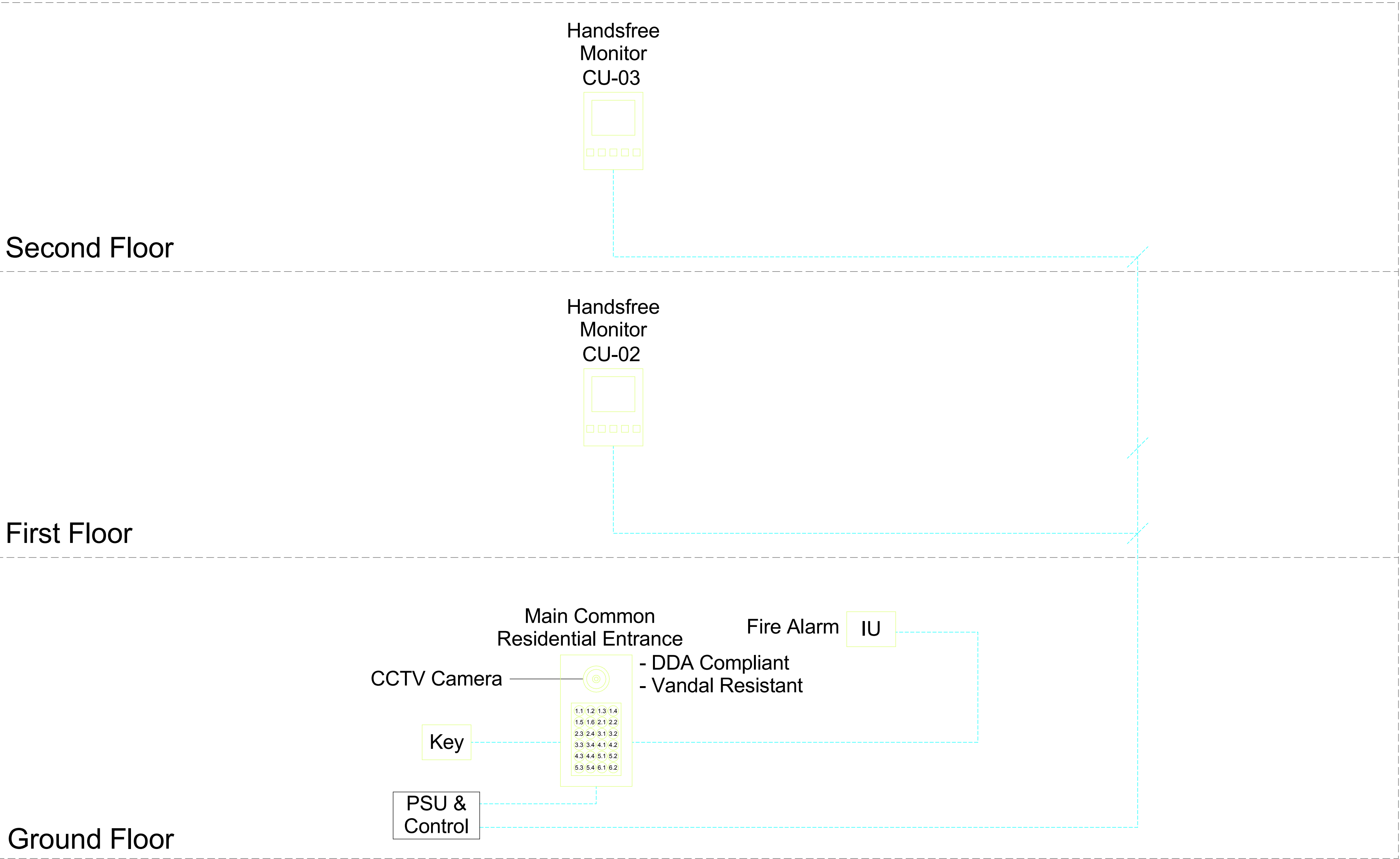
Drawing Title:  
Door Entry Control Schematic

Client:  
Lovell Partnership Ltd.

File Ref:	Revision:
COGH - IW - XX - XX - DR - E - 27.08	A

LEGEND: DO NOT SCALE

- Notes:
1. Do not scale from this drawing.
  2. All dimensions are in millimeters unless stated.
  3. This drawing is to be read in conjunction with all other drawings and specifications.
  4. Any discrepancies to be referred to the engineer.
  5. This installation is to be co-ordinated with all other trades and existing site installations.
  6. All dimensions to be checked and verified on site prior to the commencement of the works.
  7. Cat 6 telecommunications cables and video coaxial to be run to each apartments handsfree monitor.
  8. Cable to installed in Cable Basket within the building riser to each floor.
  9. All required specialist equipment may no be illustrated on the drawings, however it shall be the responsibility of the electrical contractor to liaise with the specialist to ensure that all necessary equipment is provided and installed to a complete working system.
  10. Fob access will be allocated for each Bin store area and the external gates in the court yard as per the landlord services drawings for each ground floor block and site services.
  11. Standard key access for external doors to all plant rooms which will be fitted with door contacts and linked to alarm for security.



A	19.11.15	Preliminary Issue	JC	AT
Rev:	Date:	Description:	Chk:	Apr:
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Project:

Regents Park Estate

Plot 9 - St Bedes Mews

Drawing Title:

Door Entry Control Schematic

Client:















Lovell Partnership Ltd.






File Ref:	Revision:
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











**Appendix D:**  
**Electrical Symbol Sheet**































Small Power	
	Distribution Board
	Double Switched Socket Outlet
	Single Switched Socket Outlet
	Single Unswitched Socket Outlet
	Switched Fused Spur Unit
	Unswitched Fused Spur Unit
	Cleaners Socket with T Earth Pin
	Single Lockable Socket
	Single Socket with T Earth Pin
	Single Unswitched Socket Outlet with Switched Fused Spur Unit for Washing Machines, Fridges etc.
	Cooker Control Unit with Single Switched Socket Outlet
	Isolator
	Shaver Socket
	Booster Switch for MVHR

Data and Comms	
	Telephone/Data Socket
	Multi Media Plate: 2xSat, 1xTV, 1xDAB
	BT Master Socket
	Virgin Media Master Socket
	4 Gang Data Outlet

Fire Alarms	
	Smoke Detector (Detectors with Sounders TBC)
	Ceiling Void Smoke Detector (Detectors with Sounders TBC)
	Heat Detector (Combined with Sounder in Plant Rooms)
	Carbon Monoxide Detector
	Fire Alarm Panel / Repeater
	Manual Call Point

Security	
	Video Door Entry System
	Audio Door Entry System
	FOB Reader
	Magnetic Lock c/w Fire Alarm Interface
	Vandal Resistant Green Emergency Break Glass Unit
	Vandal Resistant Push to Exit Button
	CCTV Camera
	Door Chime
	Door Call Push Button

Lighting	
	16w LED Prismalette vandal resistant luminaire. Satin Cover
	16w LED Prismalette emergency vandal resistant smart luminaire. Satin Cover
	30w LED 1500mm Thoroproof anti-corrosive luminaire
	30w LED 1500mm emergency Thoroproof anti-corrosive luminaire
	35w T5 Fluorescent 1500mm Thoroproof anti-corrosive luminaire
	35w T5 Fluorescent 1500mm Thoroproof emergency anti-corrosive luminaire
	20w LED Recessed Downlight
	20w LED Recessed Downlight. Emergency type
	600mm x 600mm 38w LED Radiance lay-in recessed luminaire.
	600mm x 600mm 38w LED Radiance lay-in recessed luminaire. Smart. Emergency Version
	600mm x 600mm 51w LED Radiance lay-in recessed luminaire
	600mm x 600mm 51w LED Radiance lay-in recessed luminaire. Smart. Emergency Version
	16w 2D luminaire. Emergency type
	Aventis Large Eyelid diffuser 27w x 4K LED Array. Emergency type
	4w LED Maintained emergency exit sign, ISO 7010 down arrow.

Lighting	
	4w LED Maintained emergency exit sign, ISO 7010 left arrow.
	4w LED Maintained emergency exit sign, ISO 7010 right arrow.
	Cupboard/Storage: Batten Holder Light
	Outside Balcony: External IP65 rated Hooded Wall Bulkhead. Combined photocell/PIR with manual override switch
	Kitchen Light: Recessed Downlight
	Kitchen Under Cupboard: Pelmet LED Strip
	Bathroom/Toilets: Bulkhead Light
	Living, Entrance Hall, Corridor, Bedrooms, Storerooms & Dining Table: Ceiling Rose c/w Pendant
	One Way Switch
	Two Way Switch
	Key Switch
	Pull Switch
	Presence Detector Switch

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B	27.01.16	Updated Preliminary Issue	AA	JC
A	16.11.15	Preliminary Issue	JC	DT
Rev:	Date:	Description:	Chk:	App:

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Project:  
Regents Park Estate  
Plot 2 - Rydal Water Open Space

Drawing Title:  
Electrical Symbols

Client:  
Lovell Partnership Ltd.

File Ref:	Revision:
RWOS - IW - XX - XX - DR - E - 27.99	B

