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Online Exclusive



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132Mb
Average speed

£23.99
Monthly cost

No price rise in 2025
£27.49 from April 2026
£30.99 from April 2027

24 month
contract

£0
set-up cost

£100 Bill Credit

Full details

Get deal

Extras

Special offer: £100 bill credit + 24 months reduced price!

Free Virgin Media Hub WiFi router. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

Pricing calculation:

Monthly Cost:	£23.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£100
Effective Monthly Cost:	£22.71

End

Online Exclusive



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Only



No price rise in 2025
~~£40.49~~ from March 2026
~~£43.99~~ from March 2027

24 month
contract

£0
set-up cost

~~£65 Bill Credit~~

Full details

Get deal

Extras

Special offer: £65 bill credit + 24 months reduced price!

Free Virgin Media Hub WiFi router. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

Pricing calculation:

Monthly Cost:	£36.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£65
Effective Monthly Cost:	£47.16

Ends tomorrow

Online Exclusive



Virgin Media Bigger Movies Combo Bundle & O2 SIM



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510Mbps
Average speed

£54.99
Monthly cost

24 month
contract

£0
set-up cost

50" Hisense TV or £200 Bill Credit

Full details

Get deal

Extras TV

Special offer: 50" Hisense TV OR £200 Bill Credit + 24 months reduced price!

30GB O2 SIM (unlimited mins and texts). Free Hub 5 + Flex TV box. Free Wi-Fi on the London Underground. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

What's included: Broadband, TV (223 channels)

Pricing calculation:

Monthly Cost:	£54.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£200
Effective Monthly Cost:	£49.29

Ends in 2 days

Online Exclusive



Virgin Media M500 Fibre Broadband Only



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CMP ID: 300

£32.99

Monthly cost

No price rise in 2025
£36.49 from March 2026
£39.99 from March 2027

~~£130 Bill Credit~~

Full details

Get deal

Extras

Special offer: £130 bill credit + 24 months reduced price!

Free Virgin Media Hub WiFi router. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

Pricing calculation:

Monthly Cost:	£32.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£130
Effective Monthly Cost:	£39.96

Ends in 2 days

Online Exclusive



Virgin Media M250 Fibre Broadband Only

264Mb
Average speed

£28.99
Monthly cost
No price rise in 2025
£32.49 from March 2026
£35.99 from March 2027



Managed by Google. Complies with IAB TCF.
CMP ID: 300

contract

£0
set-up cost



Extras

Special offer: £75 bill credit + 24 months reduced price!

Free Virgin Media Hub WiFi router. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

Pricing calculation:

Monthly Cost:	£28.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£75
Effective Monthly Cost:	£36.25

Ends in 2 days

Online Exclusive



Virgin Media M350 Fibre Broadband Only

362Mb
Average speed

£28.99
Monthly cost

No price rise in 2025
£32.49 from March 2026
£35.99 from March 2027

24 month
contract

£0
set-up cost



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CMP ID: 300

Full details

Get deal

Special offer: £65 bill credit + 24 months reduced price!

Free Virgin Media Hub WiFi router. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

Pricing calculation:

Monthly Cost:	£28.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£65
Effective Monthly Cost:	£30.29



Virgin Media Mega Volt Bundle

1.1Gb
Average speed

£84.99
Monthly cost
No price rise in 2025
£88.49 from March 2026
£91.99 from March 2027

24 month
contract

£0
set-up cost

Full details

Get deal



Managed by Google. Complies with IAB TCF.
CMP ID: 300

Unlimited O2 SIM. Free Hub 5 + Flex TV box. Free Wi-Fi on the London Underground. Monthly

What's included: *Broadband, TV (243 channels)*

Pricing calculation:

Monthly Cost:	£84.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£0
Effective Monthly Cost:	£87.62



Virgin Media Bigger Combo Bundle

264Mb
Average speed

£34.99
Monthly cost
No price rise in 2025
£38.49 from March 2026
£41.99 from March 2027

24 month
contract

£0
set-up cost

Full details

Get deal

Extras TV

Special offer: 24 months reduced price!

Free Hub 5 + Flex TV box. Free Wi-Fi on the London Underground. Monthly price shown will increase to £87.62 from March 2026.



2W

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CMP ID: 300

What's included: *Broadband, TV (210 channels)*



Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£0
Effective Monthly Cost:	£37.62



Virgin Media M125 Fibre Broadband & Phone

132Mb
Average speed

£29.99
Monthly cost

No price rise in 2025
£33.49 from March 2026
£36.99 from March 2027

24 month
contract

£0
set-up cost

Full details

Get deal

Extras Phone

Special offer: 24 months reduced price!

Weekend calls included. Free Virgin Media Hub WiFi router. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

Pricing calculation:

Monthly cost	£29.99
Set-up cost	£0
Price Rise:	£63



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CMP ID: 300



Ends tomorrow

Online Exclusive



Virgin Media Bigger Movies Combo Bundle

362Mb
Average speed

£44.99
Monthly cost
No price rise in 2025
£48.49 from March 2026
£51.99 from March 2027

24 month
contract

£0
set-up cost

50" Hisense TV or £200 Bill Credit

Full details

Get deal

Extras TV

Special offer: 50" Hisense TV OR £200 Bill Credit + 24 months reduced price!

Free Hub 5 + Flex TV box. Free Wi-Fi on the London Underground. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

What's included: *Broadband, TV (223 channels)*

Pricing calculation:

Monthly Cost:	£44.99
Set-up cost:	£0
Price Managed by Google. Complies with IAB TCF. CMP ID: 300	£63
Rewards Saving:	£200



Price Managed by Google. Complies with IAB TCF.
CMP ID: 300





Virgin Media M500 Fibre Broadband & O2 SIM

516Mb
Average speed

£38.00
Monthly cost
No price rise in 2025
£41.50 from March 2026
£45 from March 2027

24 month
contract

£0
set-up cost

Full details

Get deal

Extras

Special offer: 24 months reduced price!

Unlimited O2 SIM. Free Virgin Media Hub WiFi router. Monthly price shown will increase each April from April 2026 by £5.30.

New customers signing up online only.

Pricing calculation:

Monthly Cost:	£38
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£0
Effective Monthly Cost:	£48.38



Managed by Google. Complies with IAB TCF.
CMP ID: 300



Virgin Media M125 Fibre Broadband + Flex



No price rise in 2025
£34.49 from March 2026
£37.99 from March 2027

24 month contract

£0 set-up cost

Full details

Get deal

Extras

TV

Special offer: 24 months reduced price!

Free router + Virgin TV streaming box. Free Wi-Fi on the London Underground. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

What's included: Broadband, TV (114 channels)

Pricing calculation:

Monthly Cost:	£30.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£0
Effective Monthly Cost:	£33.62



Virgin Media M250 Fibre Broadband & Flex TV & O2 SIM

Managed by Google. Complies with IAB TCF.
CMP ID: 300

Average speed

£35.99
Monthly cost

No price rise in 2025
£39.49 from March 2026

contract	set-up cost
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Full details

Get deal

Extras TV

Special offer: 24 months reduced price!

4GB O2 SIM (unlimited mins and texts). Free router + Virgin TV streaming box. Free Wi-Fi on the London Underground. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

What's included: Broadband, TV (175 channels)

Pricing calculation:

Monthly Cost:	£35.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£0
Effective Monthly Cost:	£38.62

Ends tomorrow

Online Exclusive



Virgin Media Bigger Sports Combo HD Bundle

362Mb
Average speed

£65.99
Monthly cost

No price rise in 2025
£69.49 from March 2026
£72.99 from March 2027



Managed by Google. Complies with IAB TCF.
CMP ID: 300

24 month

£0

Full details

Get deal

Extras Phone TV

Special offer: 50" Hisense TV OR £200 Bill Credit + 24 months reduced price!

Free Hub 5 + Flex TV box. Free Wi-Fi on the London Underground. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

What's included: Broadband, TV (219 channels)

Pricing calculation:

Monthly Cost:	£65.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£200
Effective Monthly Cost:	£60.29



Virgin Media M250 Fibre Broadband & Phone

264Mb
Average speed

£35.99
Monthly cost

No price rise in 2025
£39.49 from March 2026
£42.99 from March 2027



Managed by Google. Complies with IAB TCF.
CMP ID: 300

£0
set-up cost



Extras Phone

Special offer: 24 months reduced price!

Weekend calls included. Free Virgin Media Hub WiFi router. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

Pricing calculation:

Monthly Cost:	£35.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£0
Effective Monthly Cost:	£38.62



Virgin Media M250 Fibre Broadband & O2 SIM

264Mb
Average speed

£28.99
Monthly cost

No price rise in 2025
£32.49 from March 2026
£35.99 from March 2027

24 month
contract

£0
set-up cost

Full details

Get deal



Managed by Google. Complies with IAB TCF.
CMP ID: 300



New customers signing up online only.

Pricing calculation:

Monthly Cost:	£28.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£0
Effective Monthly Cost:	£39.12



Virgin Media M500 Fibre Broadband & Phone

516Mb
Average speed

£47.99
Monthly cost
No price rise in 2025
£51.49 from March 2026
£54.99 from March 2027

24 month
contract

£0
set-up cost

Full details

Get deal

Extras Phone

Special offer: 24 months reduced price!

Weekend speeds available on selected services. Router. Monthly price shown will increase each month.



Managed by Google. Complies with IAB TCF.
CMP ID: 300

New customers signing up online only.



Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£0
Effective Monthly Cost:	£50.62



Virgin Media Bigger Combo Bundle & O2 SIM

500Mb
Average speed

£44.99
Monthly cost
No price rise in 2025
£48.49 from March 2026
£51.99 from March 2027

24 month
contract

£0
set-up cost

Full details

Get deal

Extras TV

Special offer: 24 months reduced price!

30GB O2 SIM (unlimited mins and texts). Free router + Virgin TV 360 box. Free Wi-Fi on the London Underground. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

What's included: *Broadband, TV (210 channels)*

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CMP ID: 300

Set-up Cost:	£0
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Effective Monthly Cost:

£47.62



Virgin Media Gig1 Fibre Broadband & Phone

1.1Gb
Average speed

£53.99
Monthly cost
No price rise in 2025
£57.49 from March 2026
£60.99 from March 2027

24 month
contract

£0
set-up cost

Full details

Get deal

Extras Phone

Special offer: 24 months reduced price!

Weekend calls included. Free Virgin Media Hub WiFi router. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

Pricing calculation:

Monthly Cost:	£53.99
Set-up Cost:	£0
Price Rise:	£63
Rewards:	£0
	£56.62



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Managed by Google. Complies with IAB TCF.
CMP ID: 300



516Mb

Average speed

£75.99

Monthly cost

No price rise in 2025
£79.49 from March 2026
£82.99 from March 2027

24 month

contract

£0

set-up cost

50" Hisense TV or £200 Bill Credit

Full details

Get deal

Extras

TV

Special offer: 50" Hisense TV OR £200 Bill Credit + 24 months reduced price!

30GB O2 SIM (unlimited mins and texts). Free Hub 5 + Flex TV box. Free Wi-Fi on the London Underground. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

What's included: Broadband, TV (218 channels)

Pricing calculation:

Monthly Cost:	£75.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£200
Effective Monthly Cost:	£70.29

Managed by Google. Complies with IAB TCF.
CMP ID: 300

Virgin Media M350 Fibre Broadband & Phone

No price rise in 2025
£45.49 from March 2026
£48.99 from March 2027

24 month
contract

£0
set-up cost

Full details

Get deal

Extras Phone

Special offer: 24 months reduced price!

Weekend calls included. Free Virgin Media Hub WiFi router. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

Pricing calculation:

Monthly Cost:	£41.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£0
Effective Monthly Cost:	£44.62

Ends tomorrow

Online Exclusive



Virgin Media Biggest Combo



Managed by Google. Complies with IAB TCF.
CMP ID: 300

£78.99
Monthly cost

24 month contract	£0 set-up cost
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50" Hisense TV or £200 Bill Credit

Full details

Get deal

Extras

TV

Special offer: 50" Hisense TV OR £200 Bill Credit + 24 months reduced price!

Free Hub 5 + Flex TV box. Free Wi-Fi on the London Underground. Monthly price shown will increase each April from April 2026 by £3.50.

New customers signing up online only.

What's included: Broadband, TV (230 channels and NETFLIX)

Pricing calculation:

Monthly Cost:	£78.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£200
Effective Monthly Cost:	£73.29

Ends tomorrow

Online Exclusive



Virgin Media Biggest Combo & O2 SIM



1.1Gb

Managed by Google. Complies with IAB TCF.
CMP ID: 300

£88.99

Monthly cost

No price rise in 2025
£92.49 from March 2026
£95.99 from March 2027

50" Hisense TV OR £200 Bill Credit

Full details

Get deal

Extras TV

Special offer: 50" Hisense TV OR £200 Bill Credit + 24 months reduced price!

30GB O2 SIM (unlimited mins and texts). Free Hub 5 + Flex TV box. Free Wi-Fi on the London Underground. Monthly price shown will increase each April from April 2026 by £3.50.

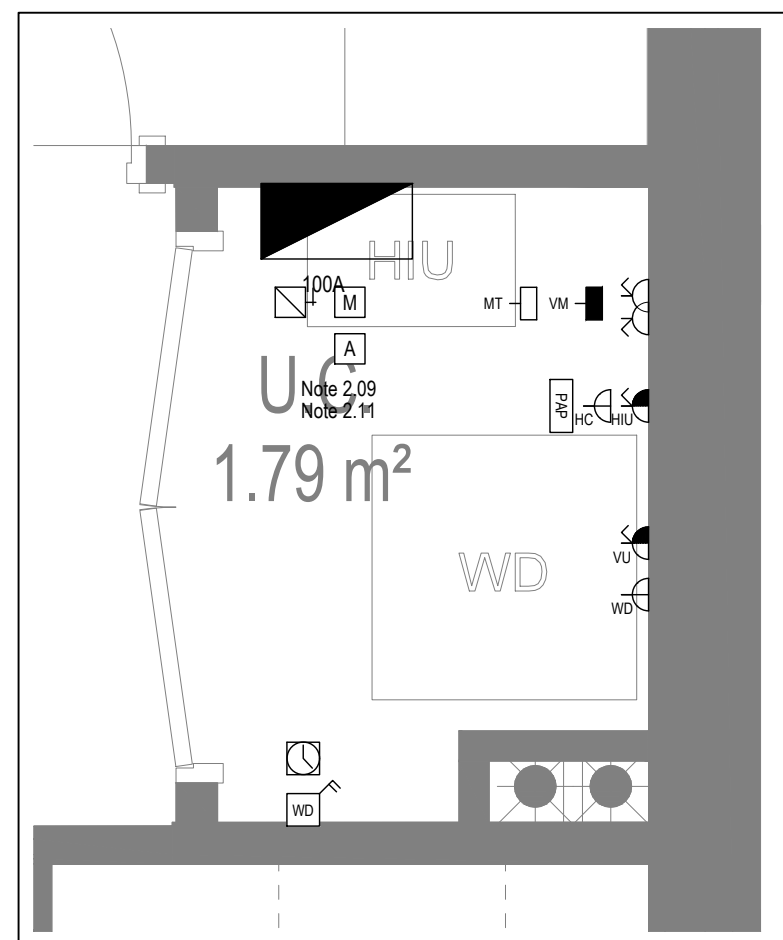
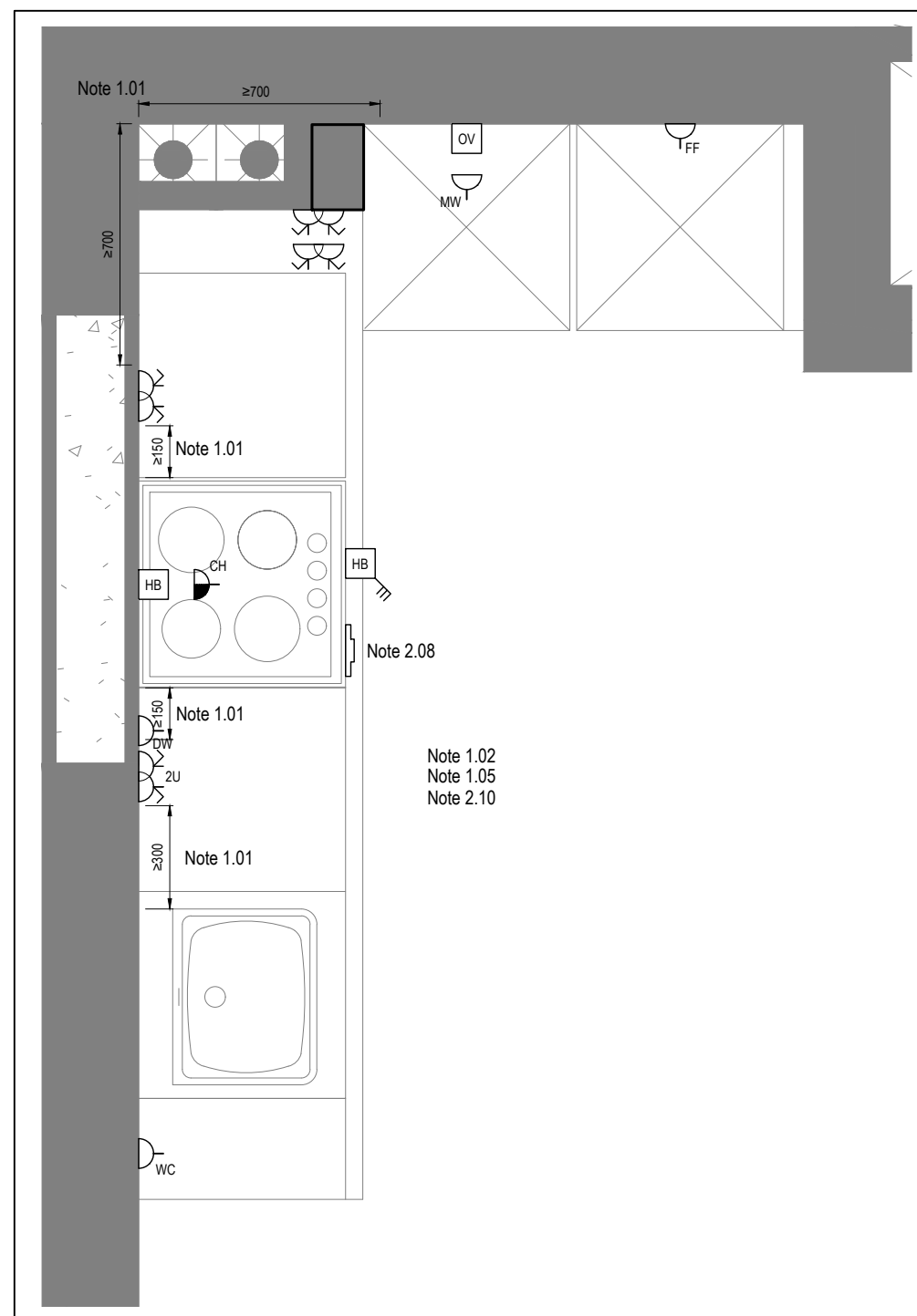
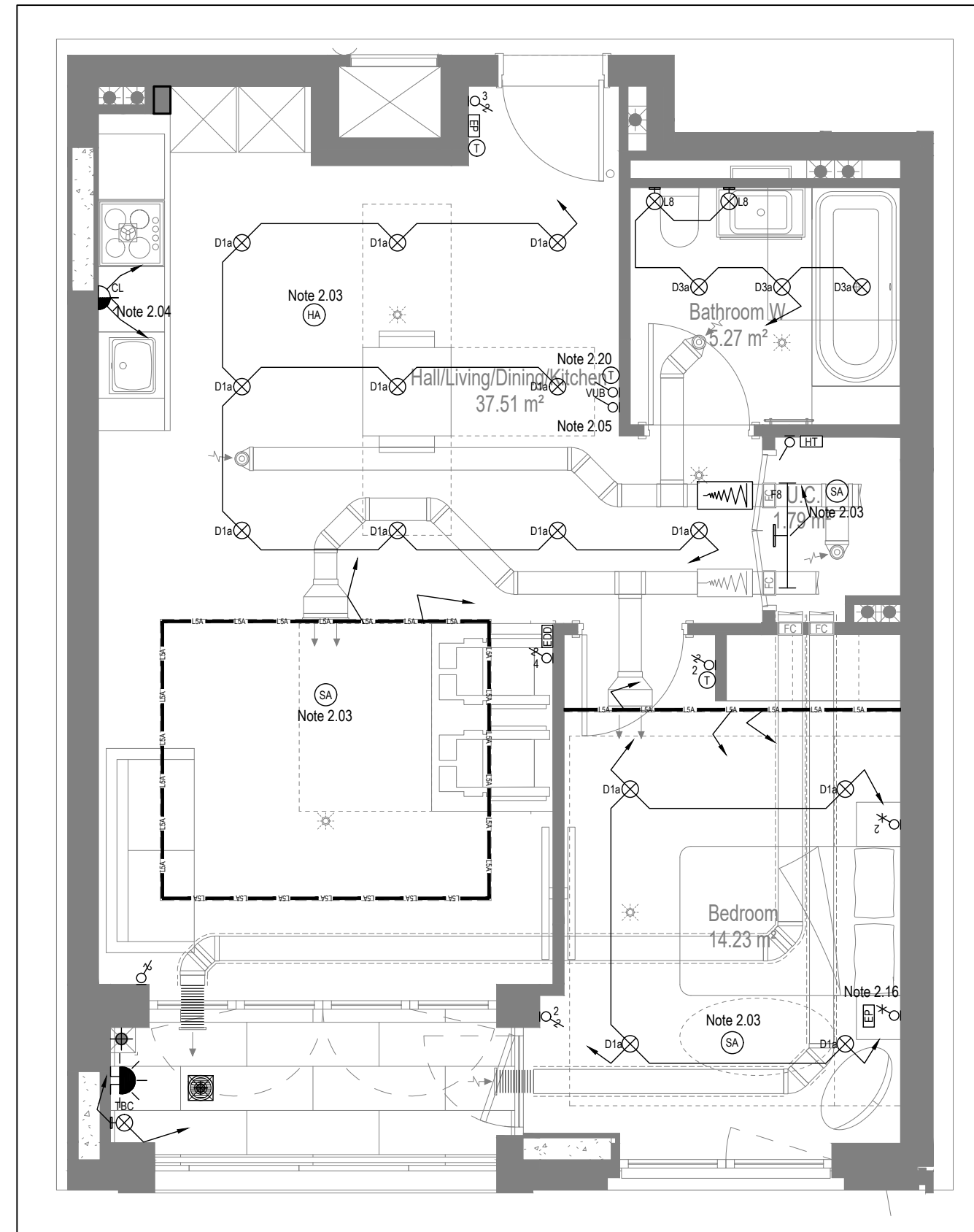
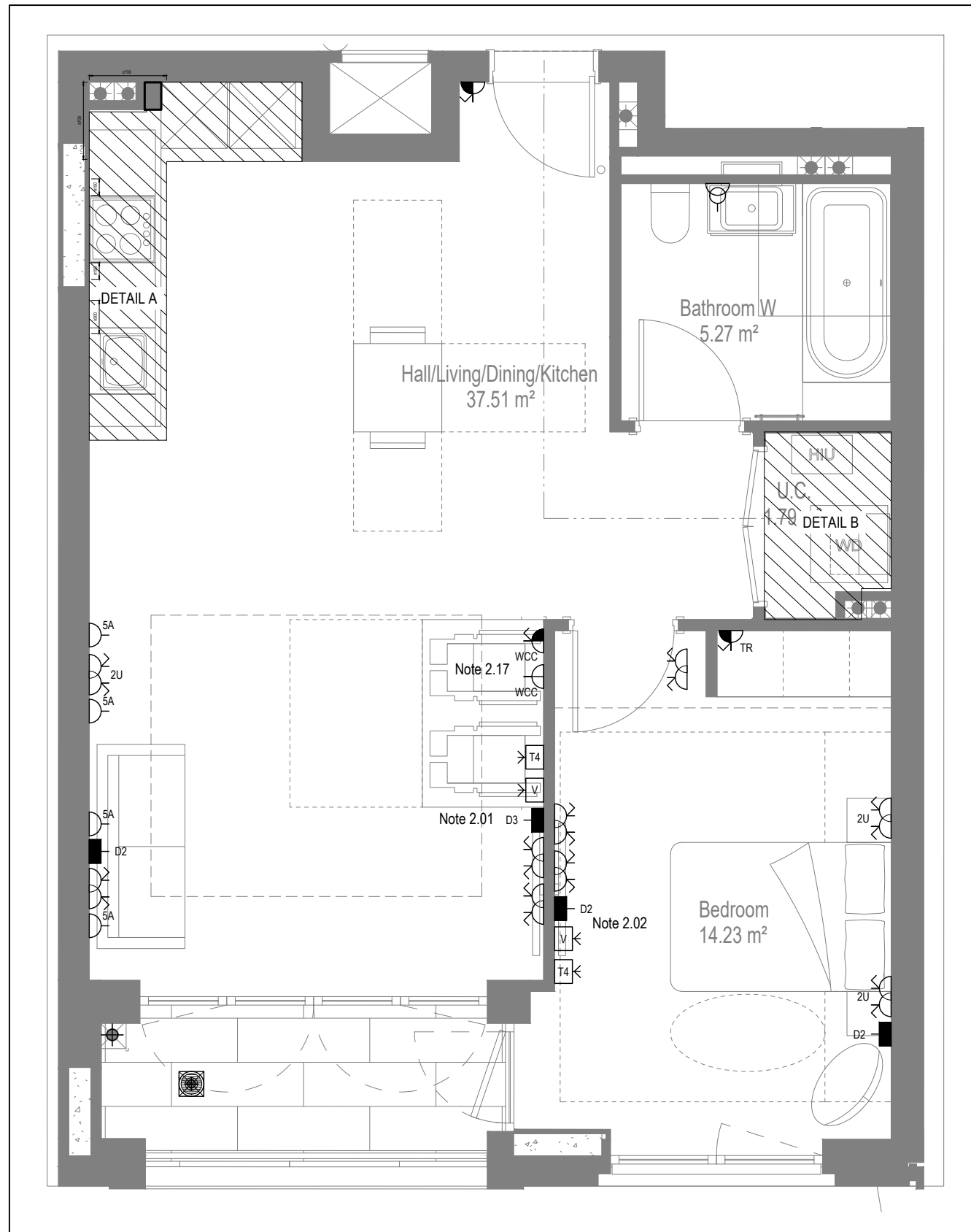
New customers signing up online only.

What's included: Broadband, TV (230 channels and NETFLIX)

Pricing calculation:

Monthly Cost:	£88.99
Set-up Cost:	£0
Price Rise:	£63
Rewards Saving:	£200
Effective Monthly Cost:	£83.29





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Conflicts of Information
It still remains the responsibility of the Installer/Contractor to ensure that there are no conflicts with information provided by ourselves & that of any manufacturers information or relevant requirements of statutory Bodies or Client specification/Er's. If any conflicts do exist it is the responsibility of the Installer/Contractor to inform The Consultant/Client immediately Verbally & in writing.

WARNING TO HOUSE PURCHASERS - Property Misdescriptions Act 1991

Buyers are warned that this is a working drawing and is not intended to be treated as descriptive material describing, in relation to any descriptive material describing, in relation to any descriptive particular property or development, any of the Specific Matters prescribed by an Order made under the above Act. The contents of this drawing may be subject to change at any time & alterations & variations can occur during the progress of the works without revision of the drawing. Consequently the layout, form, contents & dimensions of the finished construction may differ materially from those shown. Nor do the contents of this drawing constitute a contract, part of any contract or a warranty.

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information. All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- All cables to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with JDA before work commences.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Note:

- | | |
|-----|--|
| 101 | All switches and sockets must be installed at least 300mm from internal corner
to meet the requirements of Lifetime Homes. 150mm from hobs and 300mm
from sink basin by installation with BS67171 |
| 102 | For all wiring shown as indicative only. Please refer to specialist drawings for
final layouts before any complex work commences on site. |
| 103 | All wiring accessories shown as being installed on party walls must be installed
either in the adjoining property such that they are not back-to-back on the party wall.
Where a fire rated partition or FRT must be installed at least 600mm from the
edge of a bath or shower and at least 600mm radius from basin taps, or limit to
IPX4 protection (zone 1 & 2) or IPX7 (zone 0), Shaver sockets compliant with BS
EN5858-2 are an exception and can be installed within zone 2. |
| 104 | Shaver sockets shall be installed so located in unit cub being out for cabling below the
television TBC by recording control prior to final sign off. |
| 105 | |
| 201 | Tenure Specific Notes |
| 201 | Main television point comprising the following:
<ul style="list-style-type: none">• 2No. Double switched socket outlet• Quad coaxial outlet• 2No. RJ45 Outlet Data Point• Virgin TV Outlet |
| 202 | Master bedroom television point comprising the following:
<ul style="list-style-type: none">• 2No. Double switched socket outlet• Quad coaxial outlet• 2No. RJ45 Outlet Data Point• Virgin TV Outlet |
| 203 | Smoke and heat alarms shall be mains fed with trickle charged battery backup. All
alarms within the dwelling shall be interconnected to provide a common alarm upon
activation of any unit. All smoke and heat alarms must be positioned at least
300mm from any wall or other obstruction. Detector connected to apartment entrance
shall be fitted w/c relay base for connection to landlord's fire alarm system. |
| 204 | Upward cupboard lighting to be wired to kitchening circuit. Locations of cups to
be coordinated with kitchen specialist. |
| 205 | The ganging switch for bathroom light and extract ventilation boost, with label inside the
rooming box warning of multiple circuits. |
| 206 | |
| 207 | All garages to be mounted on single faceplate with labelling warning of multiple circuits.
All garage switch fitted with 20A double pole switches, each switch engraved with
the name of the appliance served:-
<ul style="list-style-type: none">• Dishwasher• Fridge/freezer• Oven• Wires Cooled• Microwave (Combi microwave where applicable)• VUB |
| 208 | All consumer units to be fitted with supply equipment modules. |
| 209 | Provision of cable routes for positions of electrical appliances before any installation
work commences. |
| 210 | Locations and setting out details of services, refer to typical cupboard drawing. |
| 211 | All towel rails shall separate mirrors and controls located in the MEP cupboard
above the position of the towel rail. |
| 212 | Secondary bedrooms TV point:-
<ul style="list-style-type: none">• No. Double switched socket outlet• Quad coaxial outlet• 2No. RJ45 Outlet Data Point• Virgin TV Outlet |
| 213 | |
| 214 | Power supply for the future provision of power door. |
| 215 | Bed head mirror to be future provision. Control, draw wires and blank socket to be
provided as per part M requirements. |
| 216 | Fitted connection unit & single socket outlet for wheelchair charging. |
| 217 | All services and controls to be mounted and set out in accordance with building
regulation part M4. |
| 218 | <ul style="list-style-type: none">• Consumer units shall be mounted so that the switches are between 1350mm
and 1450mm above floor level.• Switches, sockets, stopcocks and controls, except controls to radiators are
located with their centre line 700-1000mm above floor level and a minimum of
700mm (measured horizontally) from an inside corner, and are not positioned
behind appliances.• Kitchen appliances in wheelchair accessible dwellings have isolators located
within the same height range as the rest of the room.• Light switches are on individual plates unless wider rock or full plate fittings are
provided.• Switches to double socket outlets are located at the outer ends of the plate
rather than in the centre).• A door entry phone with remote door release facility is provided in the main living
space and the principal bedroom.• Suitable provision is made in the principal bedroom to install broadband control,
TV aerial and power socket outlets, and the door entry provision described
above, grouped adjacent to the head of the bed, for example, by providing blank
switch plates and draw wires.• A main electrical power socket and a telephone point are provided together with
the main living space.• Bins and bathroom controls are suitable for a person with limited grip to operate
using the standard operation.• Boiler timer controls and thermostats are either mounted 900-1200mm above
finished floor level on the boiler, or separated controllers (wired or wireless) are
mounted elsewhere in an accessible location within the same height range.• In wheelchair accessible dwellings, radiator controls are mounted 450-1000mm
above floor level. |
| 219 | Pre-wire for fire luminare within Besa box including blank plate, switched as
indicated. |
| 220 | Thermometer fixed at air sensor within bathroom. Final location of air sensor TBC by
underlying linked contractor. |

AB	14.11.2022	AS BUILT	IV	JM
C4	02.11.2021	Updated secondary Tv points in bedrooms	ZM	JM
C3	21.05.2021	Thermostats for under floor heating added. 5amp sockets added.	IV	JM
C2	03.03.2021	Sockets and towel rail switches updated.	IV	JM
C1	11.09.2020	Construction Issue	MDJ	JM
P1	28.02.2020	Preliminary Issue	AJH	JC
Rev	Date	Description	Drwn	Chkd

Current purpose:	AS BUILT	Scale: 1:50	Size: A1
Original Issue Date:	28.02.2020	Drwn: AJH	Chkd: JC

 BUILDING SERVICES DESIGN
CONSULTANTS
26-27 The Hill, Northfleet, Gravesend
Kent, DA11 9EU
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T: 01322 289977 E: design@whitecode.co.uk

Title: ELECTRICAL SERVICES LAYOUT
FLAT TYPE 01 (WCH)

Plots: AS01

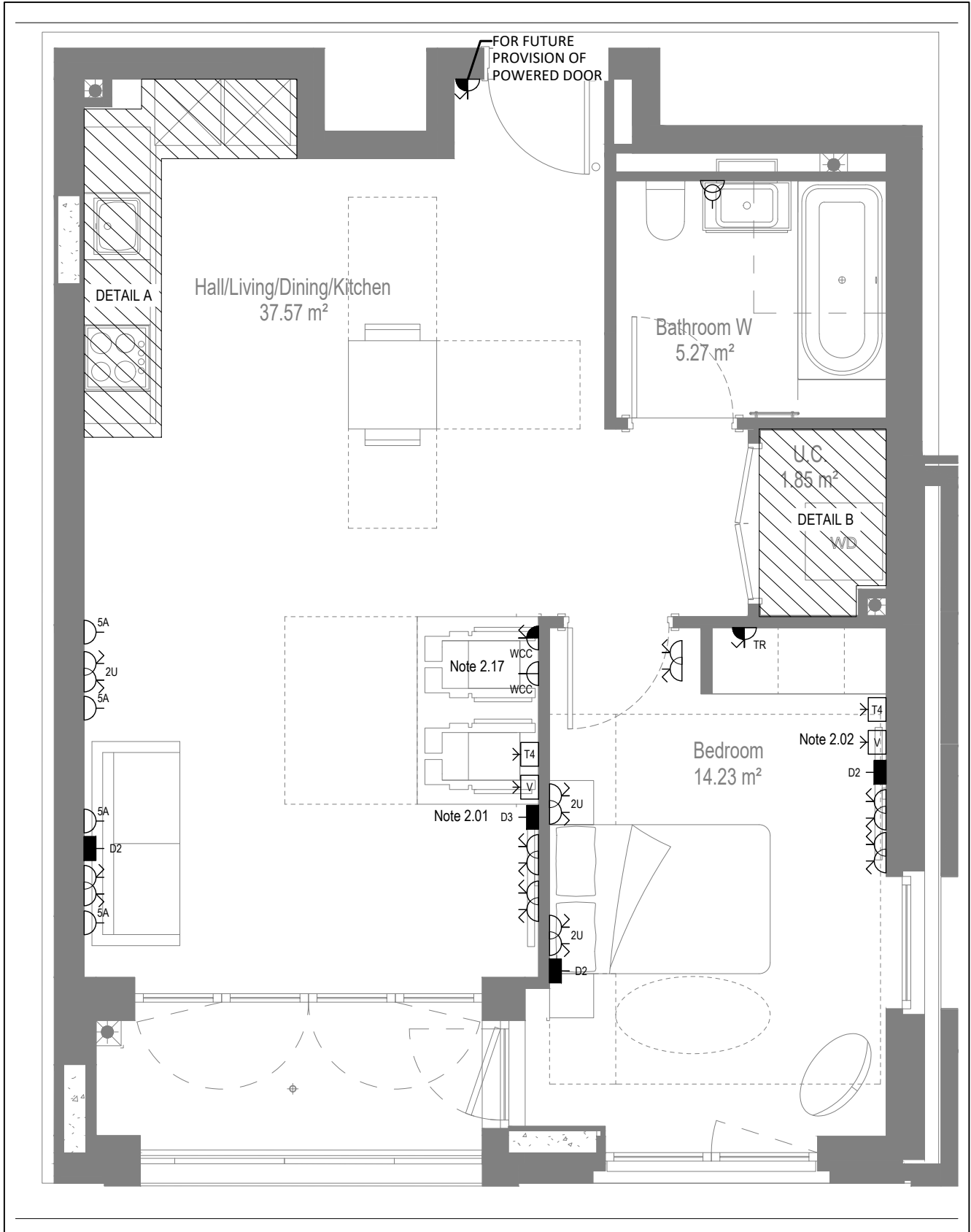
Project: HORNSEY TOWN HALL

Client:	ADDMORE	Rev:
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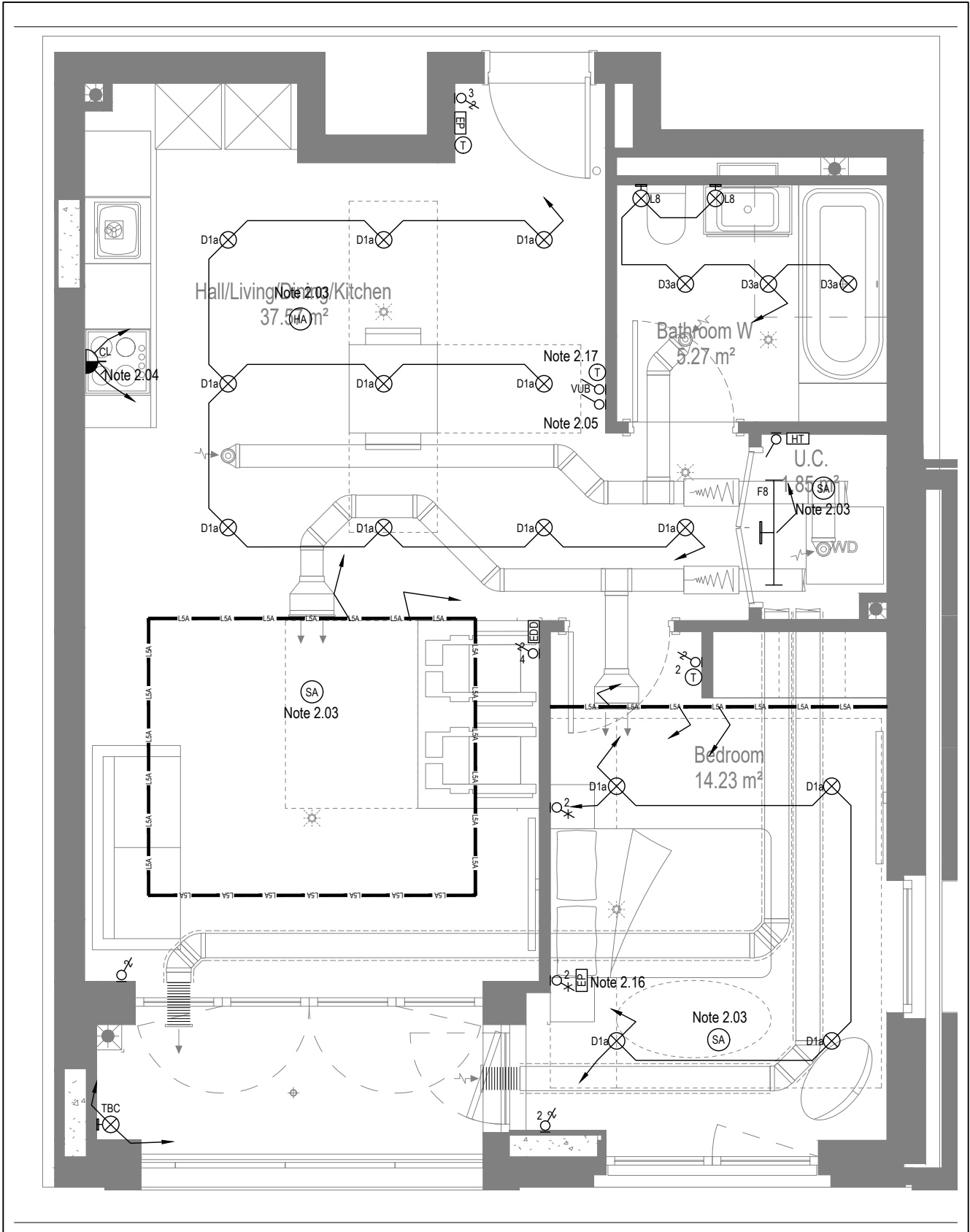
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AB

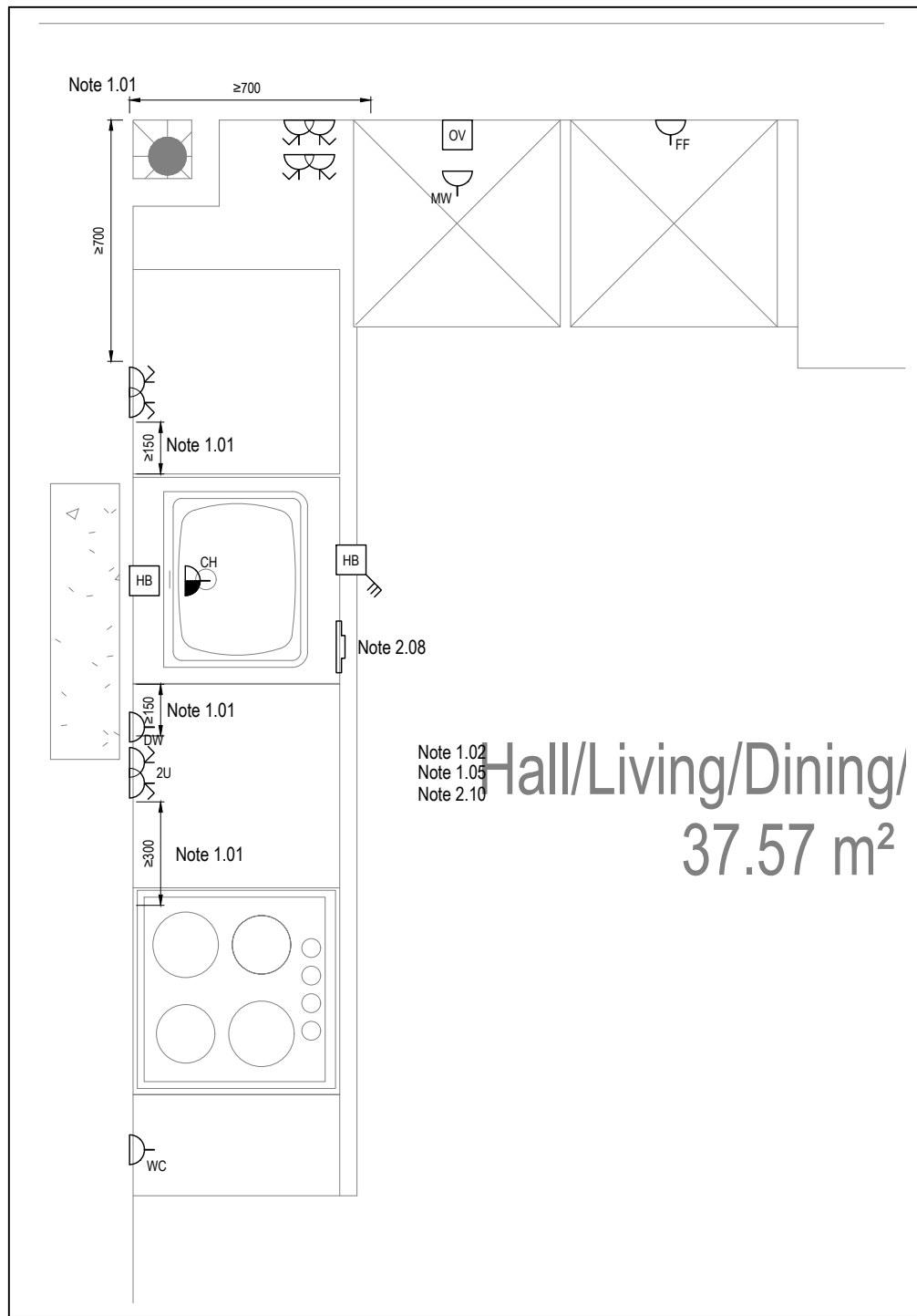
BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING No:		REVISION	DATE RECEIVED:
3596-KDS-BA-XX-DR-A-06-1125		C5	02.09.2022



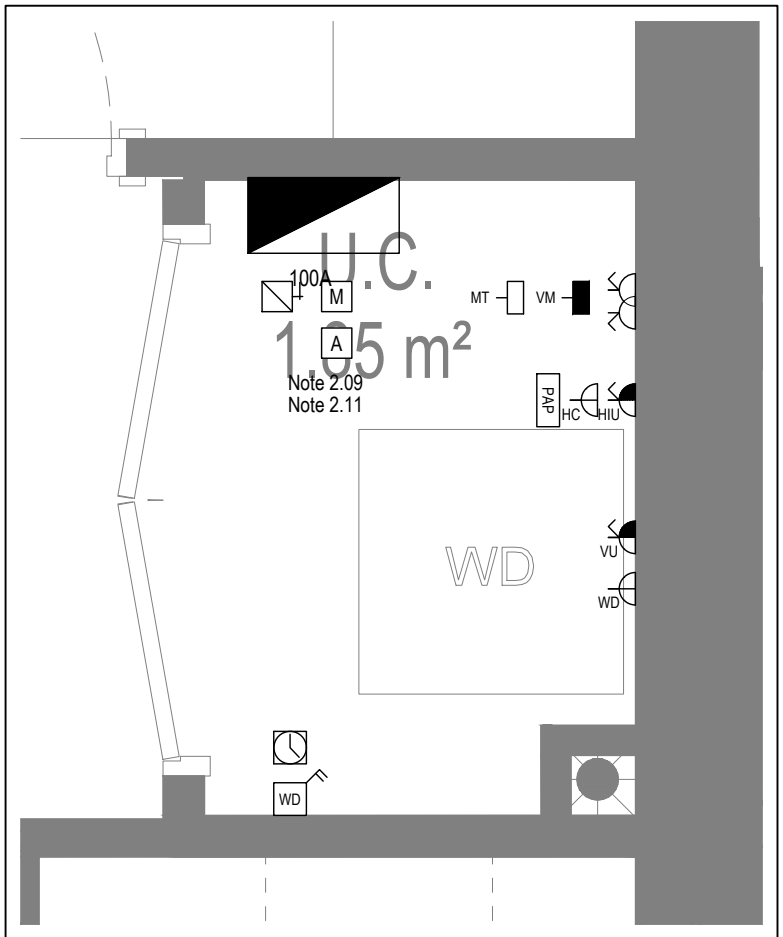
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

BACKGROUND PLAN AS PER: KDS		
DRAWING No: 3596-KDS-BA-XX-DR-A-06-1108	REVISION C3	DATE RECEIVED: 04.01.2021

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NOTES

General Electrical Notes

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- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hub isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 N/A

2.07 All switches to be mounted on single facplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/Freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedrooms TV point.

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.15 Power supply for the future provision of powered door.

2.16 Bed head controls for future provision. Conduit, draw wires and blank socket to be installed, as per part M requirements.

2.17 Fused connection unit & single socket outlet for wheelchair charging.

2.18 All services and controls to be mounted and set out in accordance with building regulations part M4:

- Consumer units should be mounted so that the switches are between 1350mm and 1450mm above floor level.
- Switches, sockets, stopcocks and controls, except controls to radiators are located with their centre line 700-1000mm above floor level and a minimum of 700mm (measured horizontally) from an inside corner, and are not positioned behind appliances.
- Kitchen appliances in wheelchair accessible dwellings have isolators located within the same height range.
- Light switches are on individual plates unless wide rocker or full plate fittings are provided.
- Switches to double socket outlets are located at the outer ends of the plate (rather than in the centre).
- A door entry phone with remote door release facility is provided in the main living space and the principal bedroom.
- Suitable provision is made in the principal bedroom to install bedhead controls in the future (comprising a 2-way light switch, telephone and broadband socket, TV aerial and power socket outlets, and the door entry phone provision described above, grouped adjacent to the head of the bed), for example, by providing blank sockets, conduit and draw wires.
- A main electrical power socket and a telephone point are provided together in the main living space.
- Taps and bathroom controls are suitable for a person with limited grip to operate and for single handed operation.
- Boiler timer controls and thermostats are either mounted 900-1200mm above finished floor level on the boiler, or separated controllers (wired or wireless) are mounted elsewhere in an accessible location within the same height range.
- In wheelchair accessible dwellings, radiator controls are mounted 450-1000mm above floor level.

2.19 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.20 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

AB	14.11.2022	AS BUILT	IV	JM
C4	02.11.2021	Updated secondary Tv points in bedrooms	ZM	JM
C3	21.05.2021	Thermostats for under floor heating added. Fire alarm sounder on balcony removed.	IV	JM
C2	03.03.2021	Sockets and towel rail switches updated.	IV	JM
G1	11.09.2020	Construction Issue	MDJ	JM
Rev	Date	Description	Size	Chkd
Current purpose:	AS BUILT	Scale: 1:50	Size: A1	
Original Issue Date:	11.09.2020	Dwn: MDJ	Chkd: JM	

BUILDING SERVICES DESIGN CONSULTANTS
26-27 The Hill, Northfleet, Gravesend
Kent, DA11 9EU
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T: 01322 289977 E: design@whitecode.co.uk

Title: **ELECTRICAL SERVICES LAYOUT**
FLAT TYPE 01B (WCH)

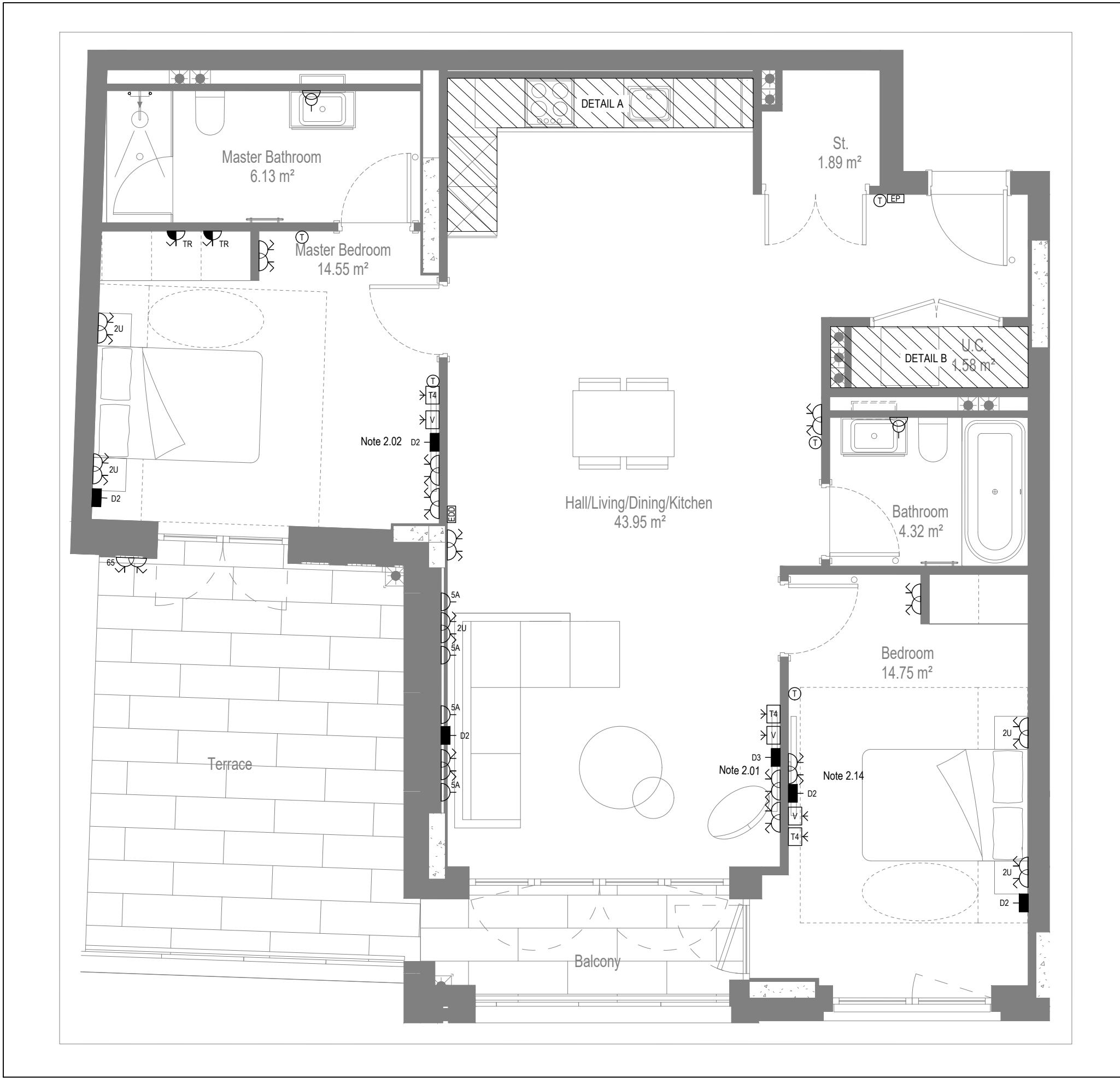
Plots: AS11, AS21

Project: **HORNSEY TOWN HALL**

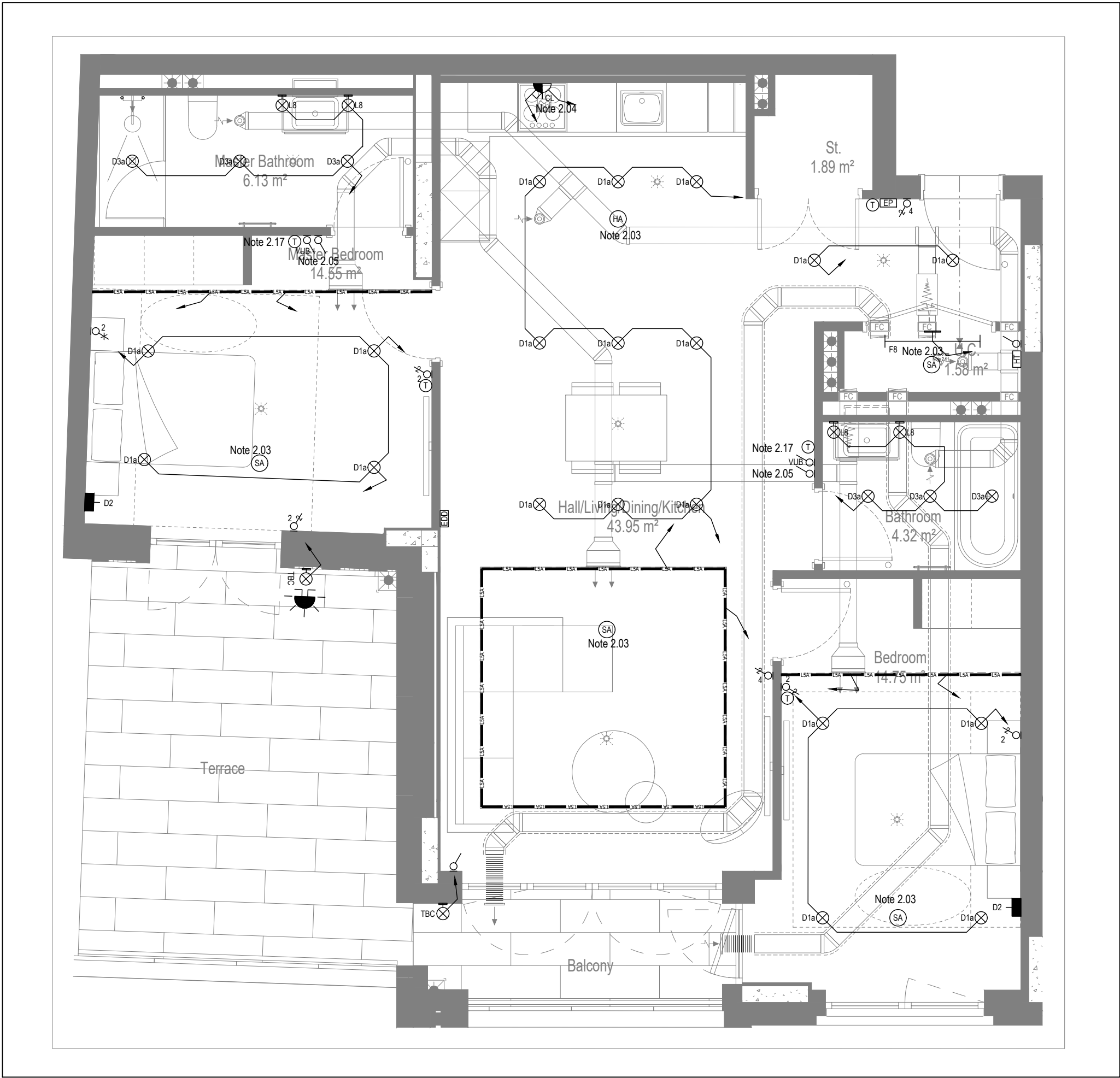
Client: **ARDMORE**

Dwg Number: **10687-E-03-A-0001B**

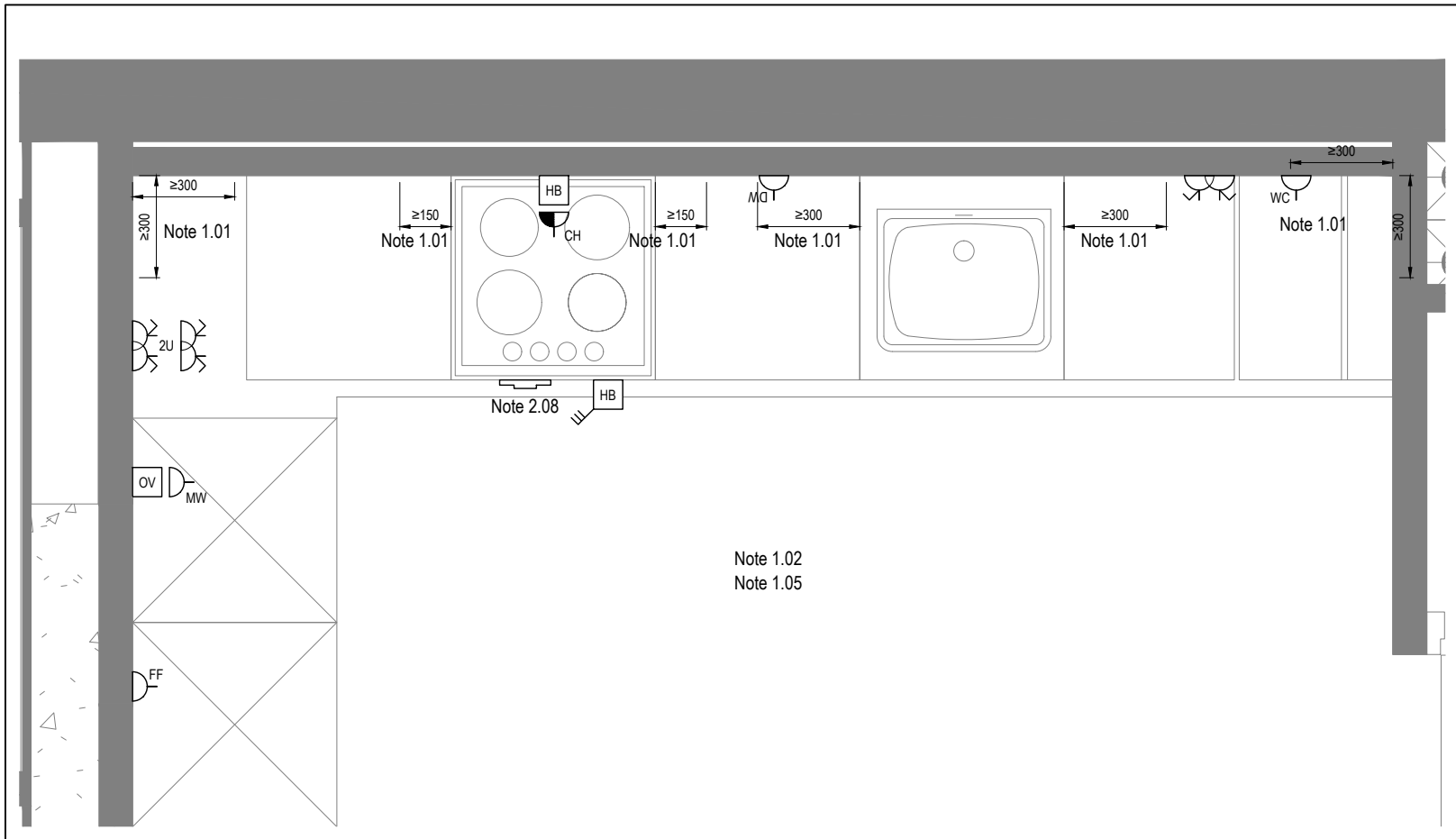
Rev: **AB**



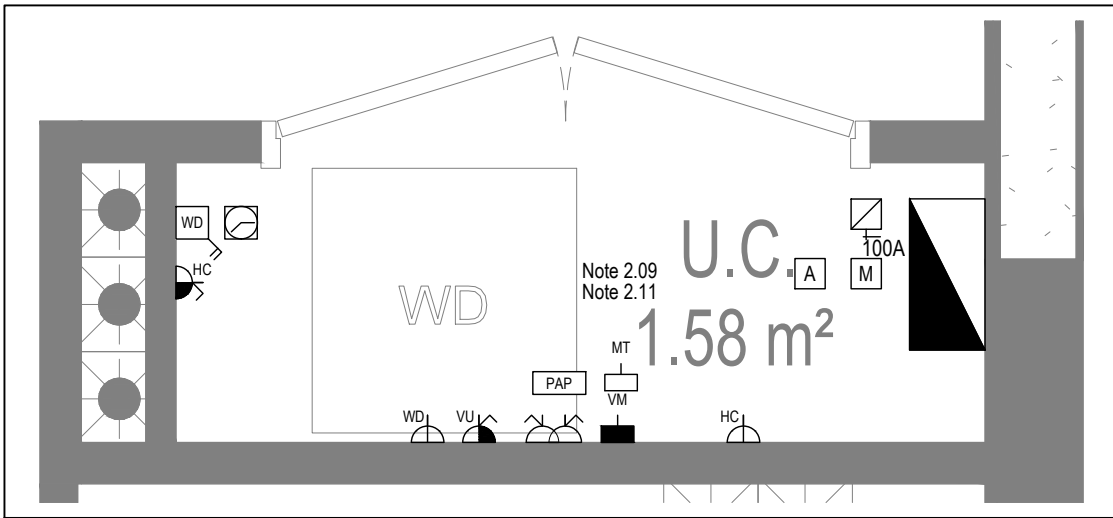
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

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1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shaver sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Bessa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING No:	REVISION:	DATE RECEIVED:	
3596-KDS-BA-XX-DR-A-06-1125	CS	08.11.2022	

AB	14.11.2022	AS BUILT	IV	JM
C4	02.11.2021	Updated secondary tv points in bedrooms	ZW	JM
C3	21.05.2021	Thermostats for under floor heating added. Same sockets added. Balcony lighting updated.	DP	JM
C2	03.03.2021	Sockets and towel rail switches updated.	IV	JM
G1	11.09.2020	Construction issue	SP	JM

Rev	Date	Description	Drawn	Chkd

Current purpose:	AS BUILT	Scale:	NTS	Size:	A1
Original Issue Date:	11.09.2020	Drawn:	SP	Chkd:	JM

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Title: ELECTRICAL SERVICES LAYOUT

Plots: AS02

Project: HORNSEY TOWN HALL

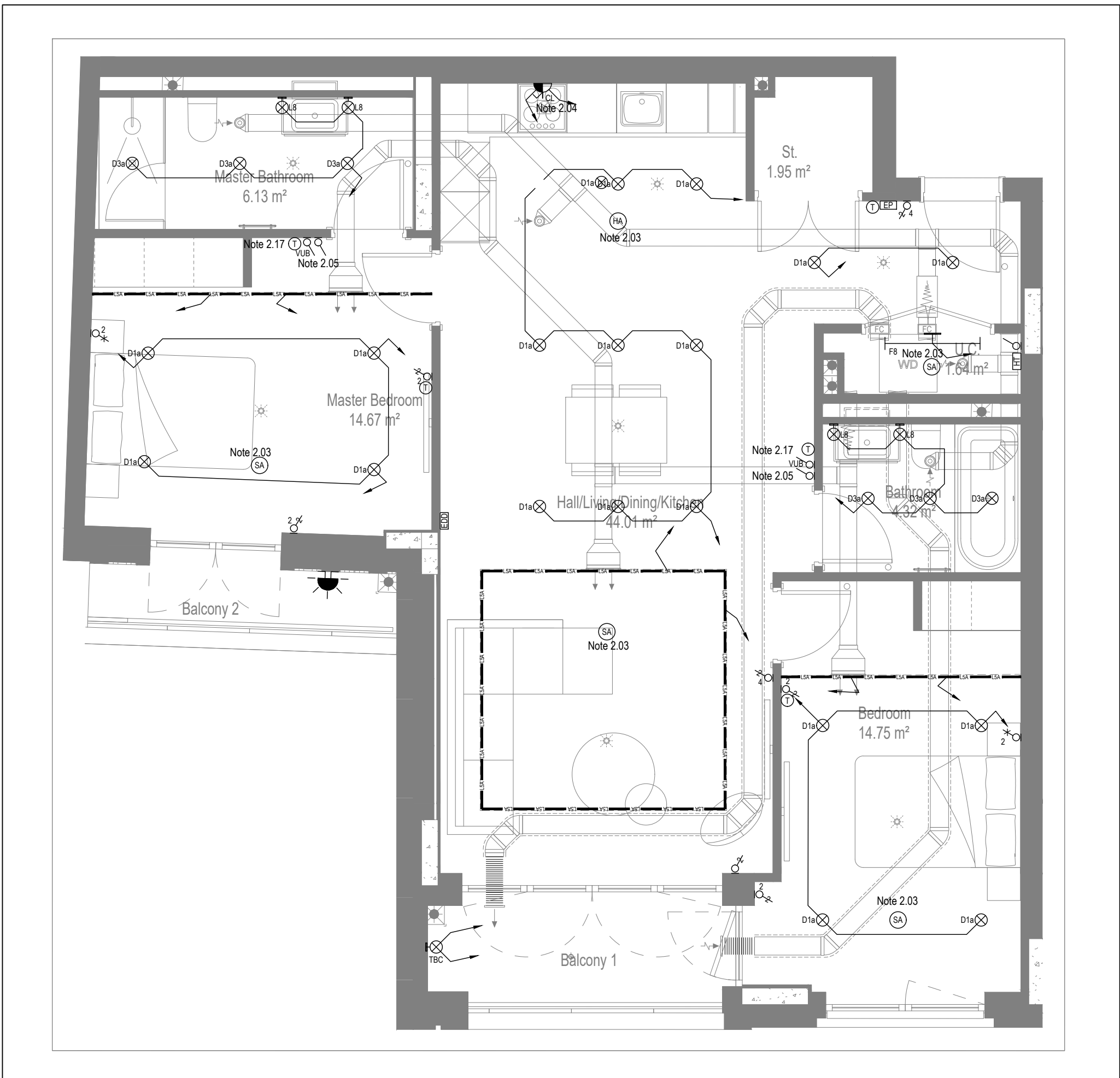
Client: ARDMORE

Dwg Number: 10687-E-03-A-0002

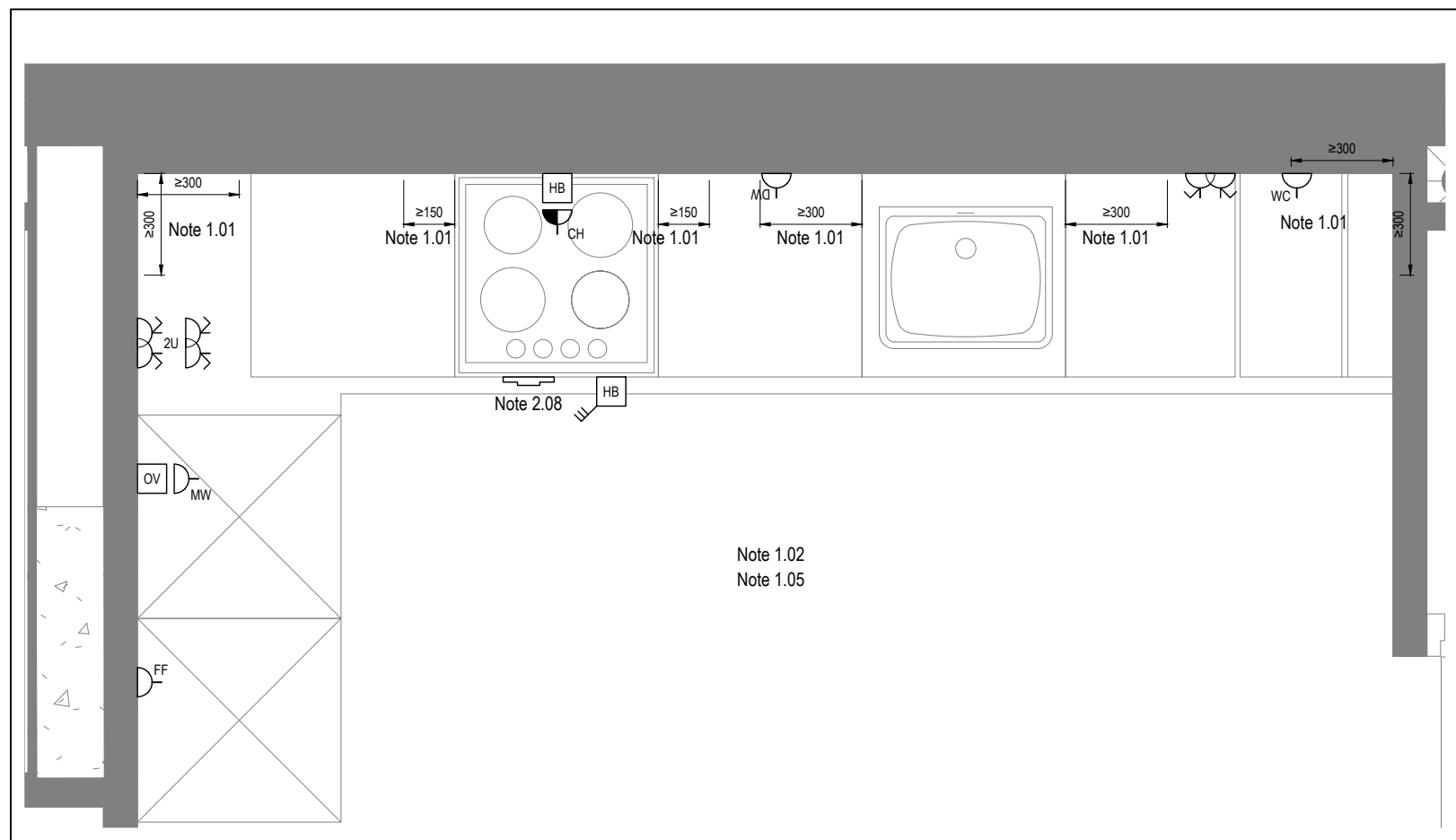
Rev: AB



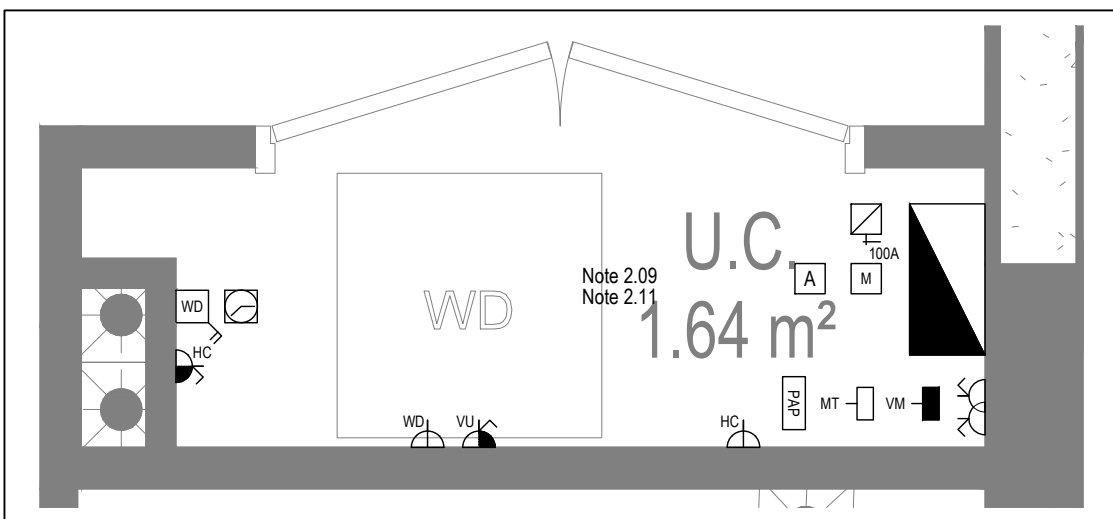
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
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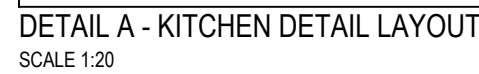
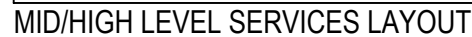
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- Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

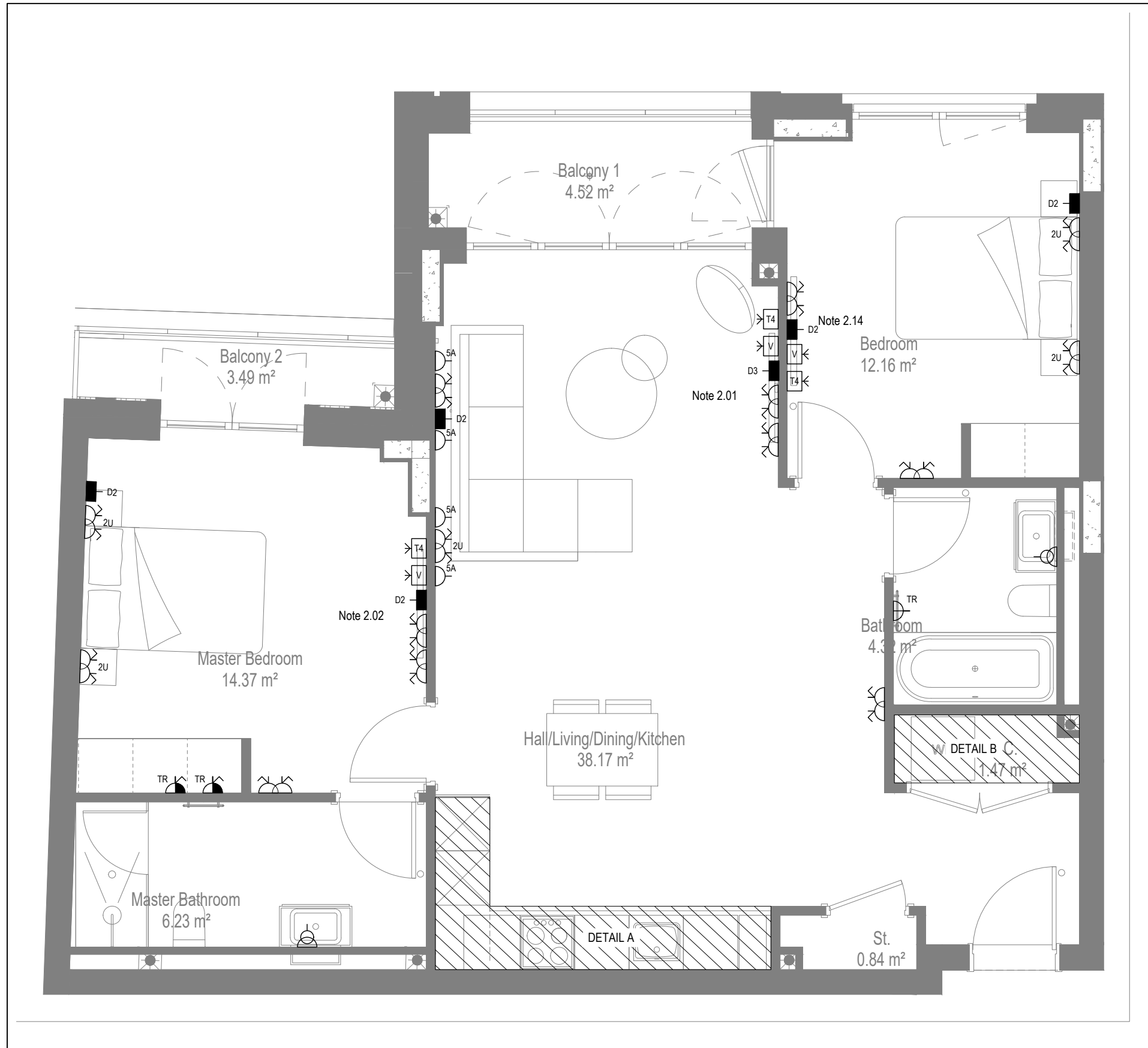
Tenure Specific Notes

- Main television point comprising the following:
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 - Quad coaxial outlet
 - 3No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- Master bedroom television point comprising the following:
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 - Quad coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV Outlet
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- Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
- 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.
- N/A
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- 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:
 - Cooker hood
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 - Fridge/freezer
 - Oven
 - Wine Cooler
 - Microwave (Combi microwave where applicable)
 - VUB
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- Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
- For locations and setting out details of services, refer to typical cupboard drawing.
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- Architect to confirm the position of the towel rail.
- Secondary bedrooms TV point:
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 - Quad coaxial outlet
 - 2No. RJ45 outlet data point
 - Virgin TV outlet
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- Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
- Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

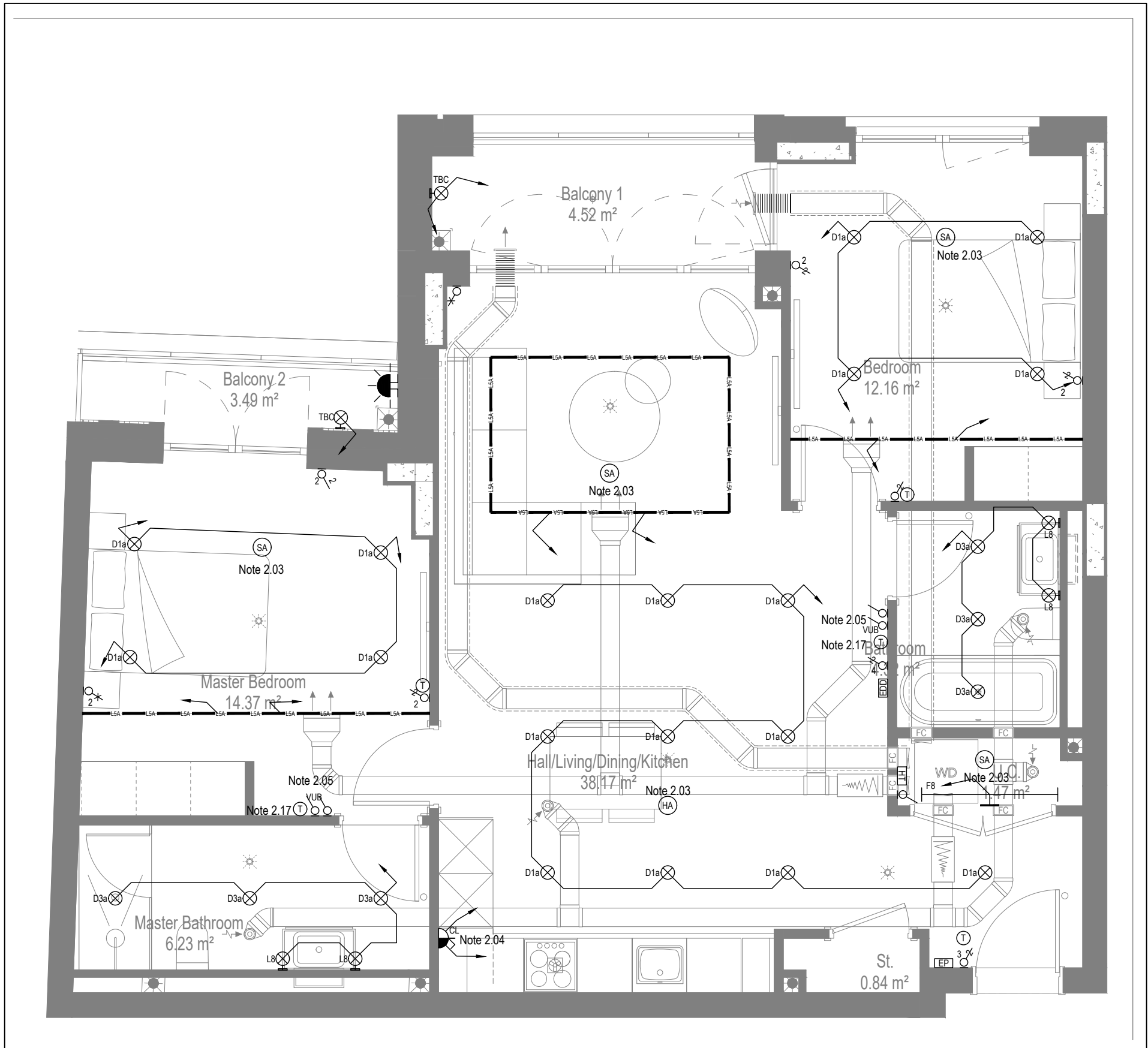
BACKGROUND PLAN AS PER: KDS			
DRAWING NO: 3596-KDS-BA-XX-DR-A-06-1109	REVISION C4	DATE RECEIVED 02.09.2022	
AB C2 G1 Rev	14.11.2022 02.11.2021 21.05.2021 Date	AS BUILT Updated secondary TV points in bedrooms Construction Issue Description	IV ZM IV JIM JIM Dwn Chkd
Current purpose: AS BUILT		Scale: 1:50	Size: A1
Original Issue Date: 21.05.2021		Dwn: IV	Chkd: JM
 WHITECODE CONSULTING BUILDING SERVICES DESIGN CONSULTANTS 26-27 The Hill, Northfleet, Gravesend Kent, DA11 9EU www.whitecode.co.uk T: 01322 289977 E: design@whitecode.co.uk			
Title: ELECTRICAL SERVICES LAYOUT FLAT TYPE 02B			
Plots: AS12, AS22, AS32			
Project: HORNSEY TOWN HALL			
Client: ARDMORE			Rev: AB
Dwg Number: 10687-E-03-A-0002B			



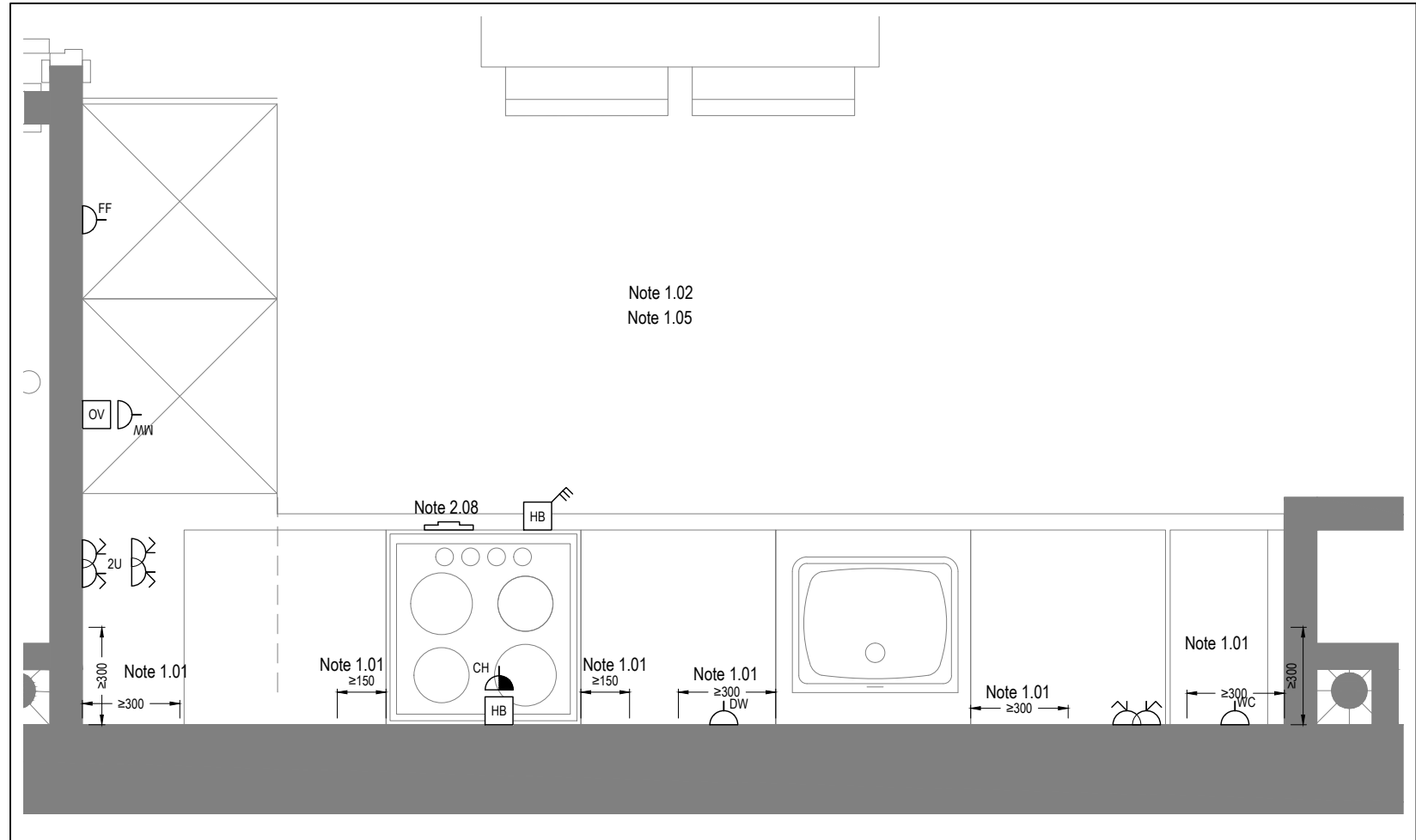
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Project:			
HORNSEY TOWN HALL			
Client:			Rev:
ARDMORE			AB
Dwg Number:			
10687-E-03-A-0003			



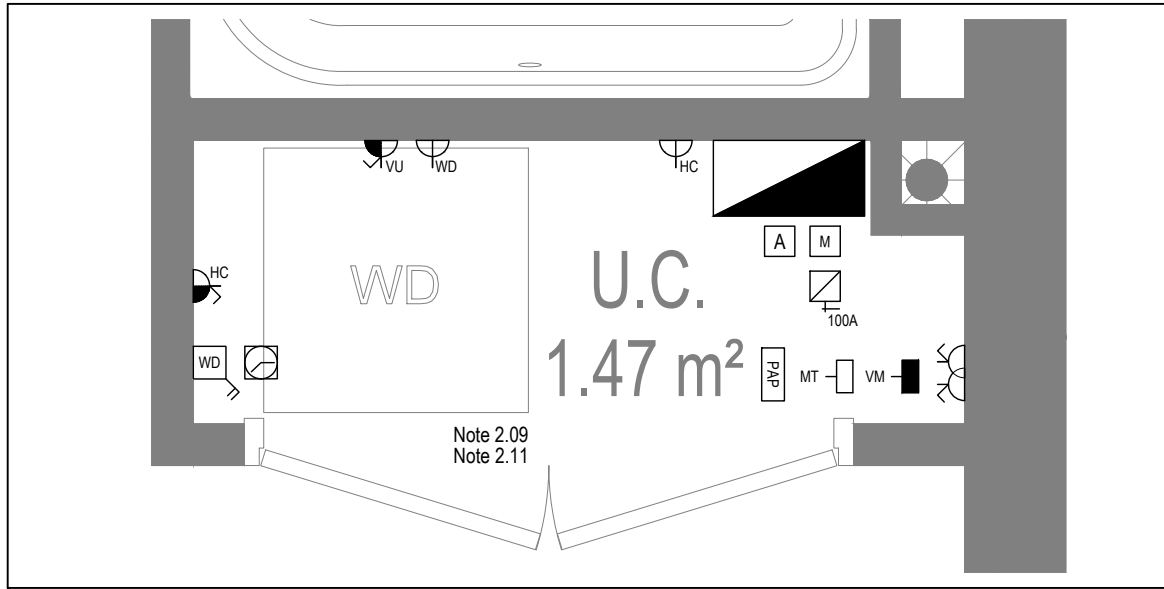
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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 - Virgin TV Outlet
- 2.02 Master bedroom television point comprising the following:
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- 2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.
- 2.06 N/A
- 2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.
- 2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-
 - Cooker hood
 - Dishwasher
 - Fridge/freezer
 - Oven
 - Wine Cooler
 - Microwave (Combi microwave where applicable)
 - VUB
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- 2.11 For locations and setting out details of services, refer to typical cupboard drawing.
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- 2.13 Architect to confirm the position of the towel rail.
- 2.14 Secondary bedrooms TV point:
 - 1No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 outlet data point
 - Virgin TV outlet
- 2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.
- 2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
- 2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER: KDS			
DRAWING NO: 3596-KDS-BA-XX-DR-A-06-1110	REVISION: CS	DATE RECEIVED: 02.09.2022	

AB	14.11.2022	AS BUILT	IV	JM
C2	02.11.2021	Updated secondary TV points in bedrooms	ZM	JM
G1	21.05.2021	Construction Issue	IV	JM
Rev	Date	Description	Drawn	Chkd
Current purpose:		AS BUILT	Scale: 1:50	Size: A1
Original Issue Date:		21.05.2021	Drawn: IV	Chkd: JM

BUILDING SERVICES DESIGN CONSULTANTS
26-27 The Hill, Northfleet, Gravesend
Kent, DA11 9EU
www.whitecode.co.uk
T: 01322 289977 E: design@whitecode.co.uk

Title:
ELECTRICAL SERVICES LAYOUT
FLAT TYPE 03B

Plots:
AS13, AS23, AS33

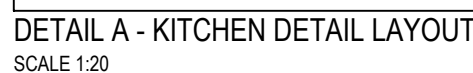
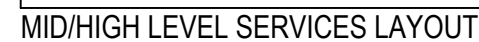
Project:
HORNSEY TOWN HALL

Client:
ARDMORE

Rev:
AB

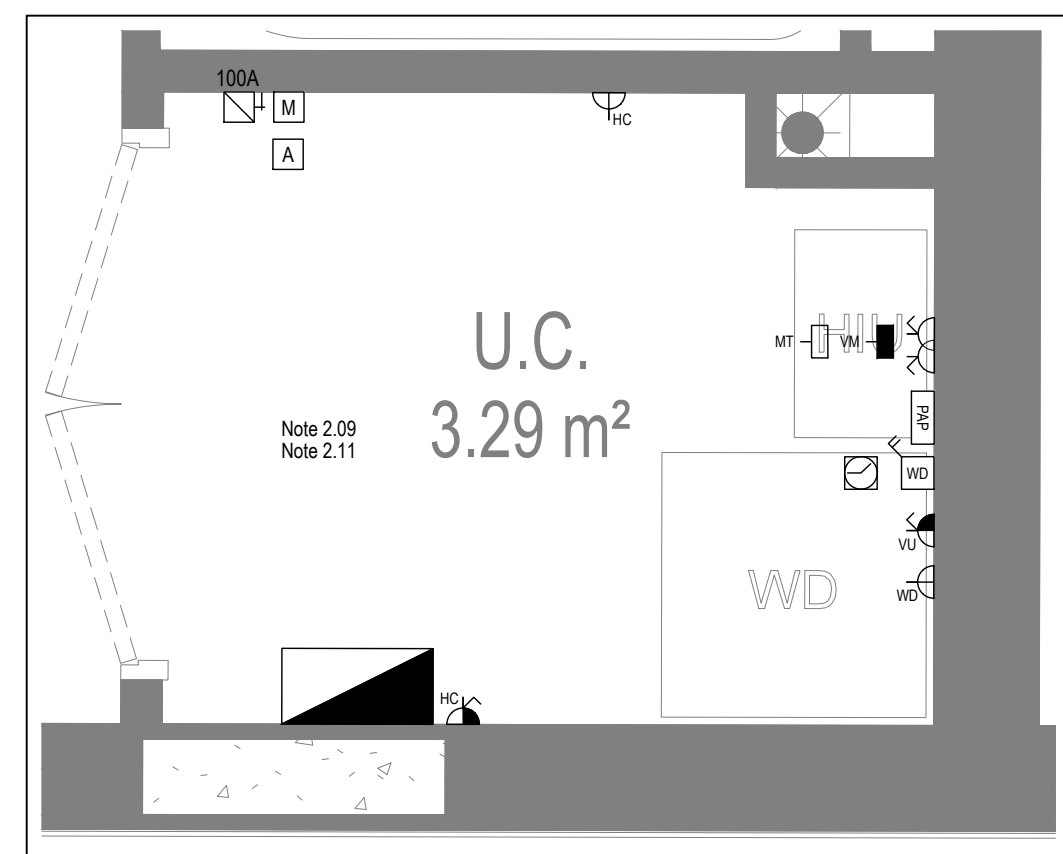
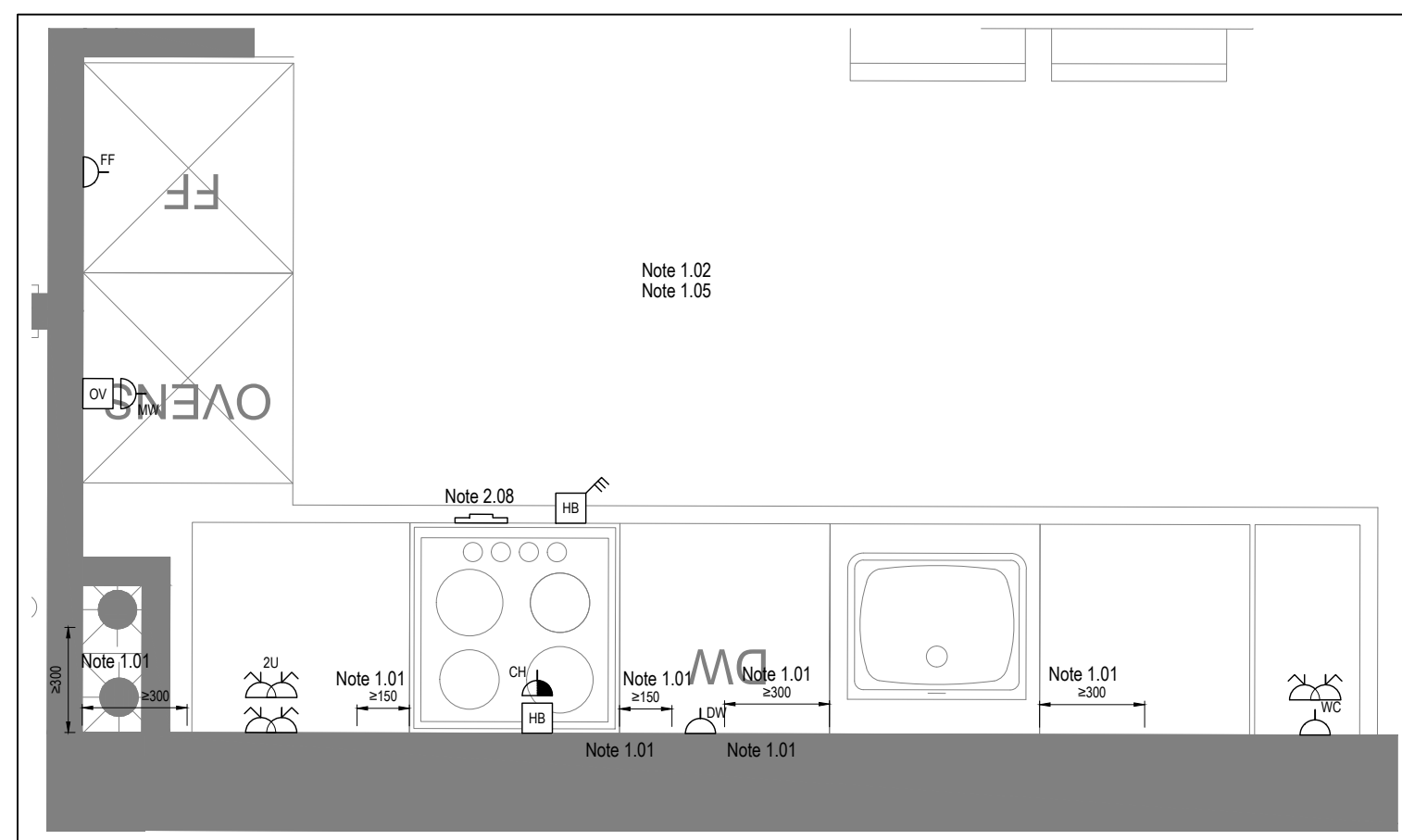
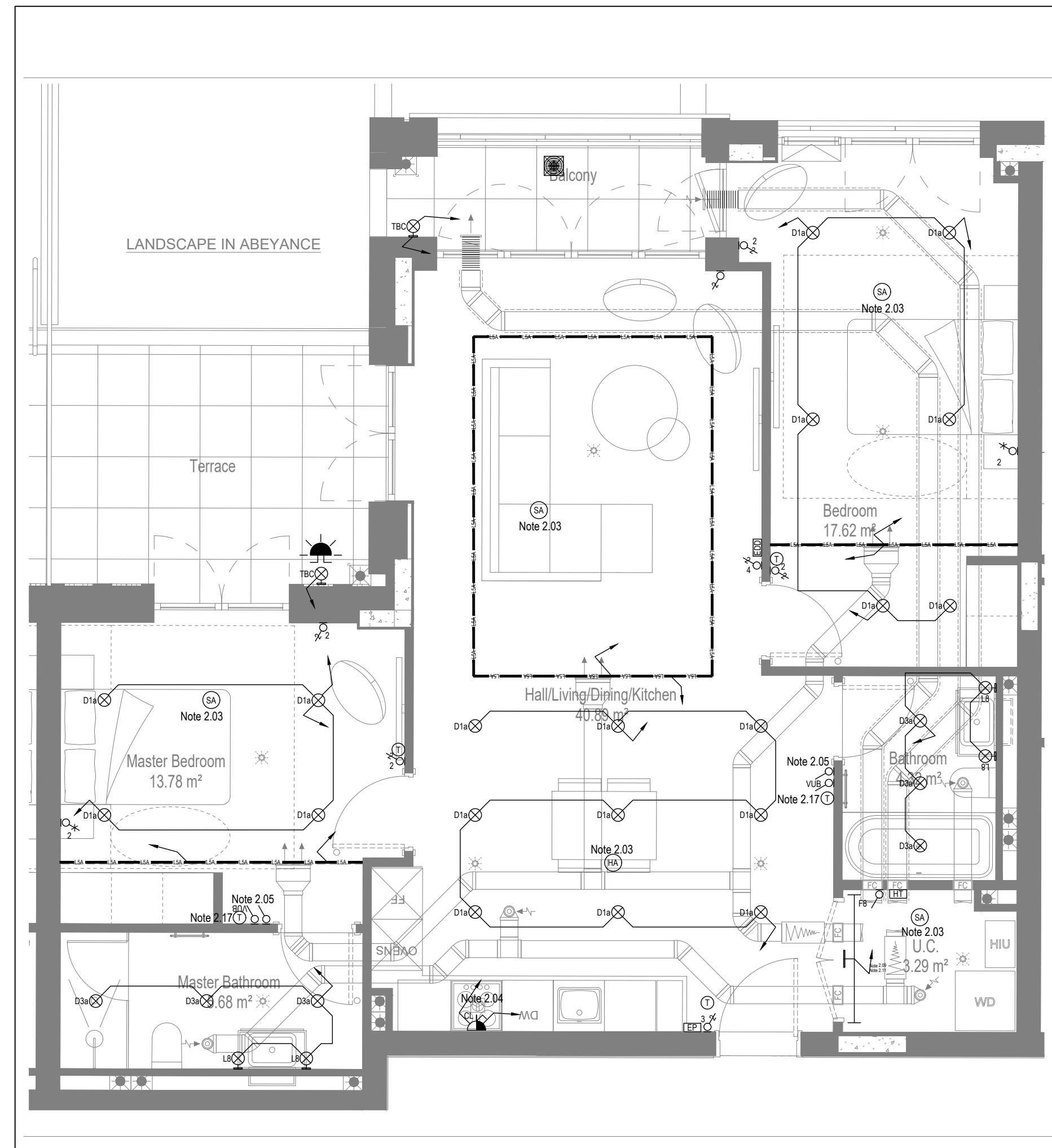
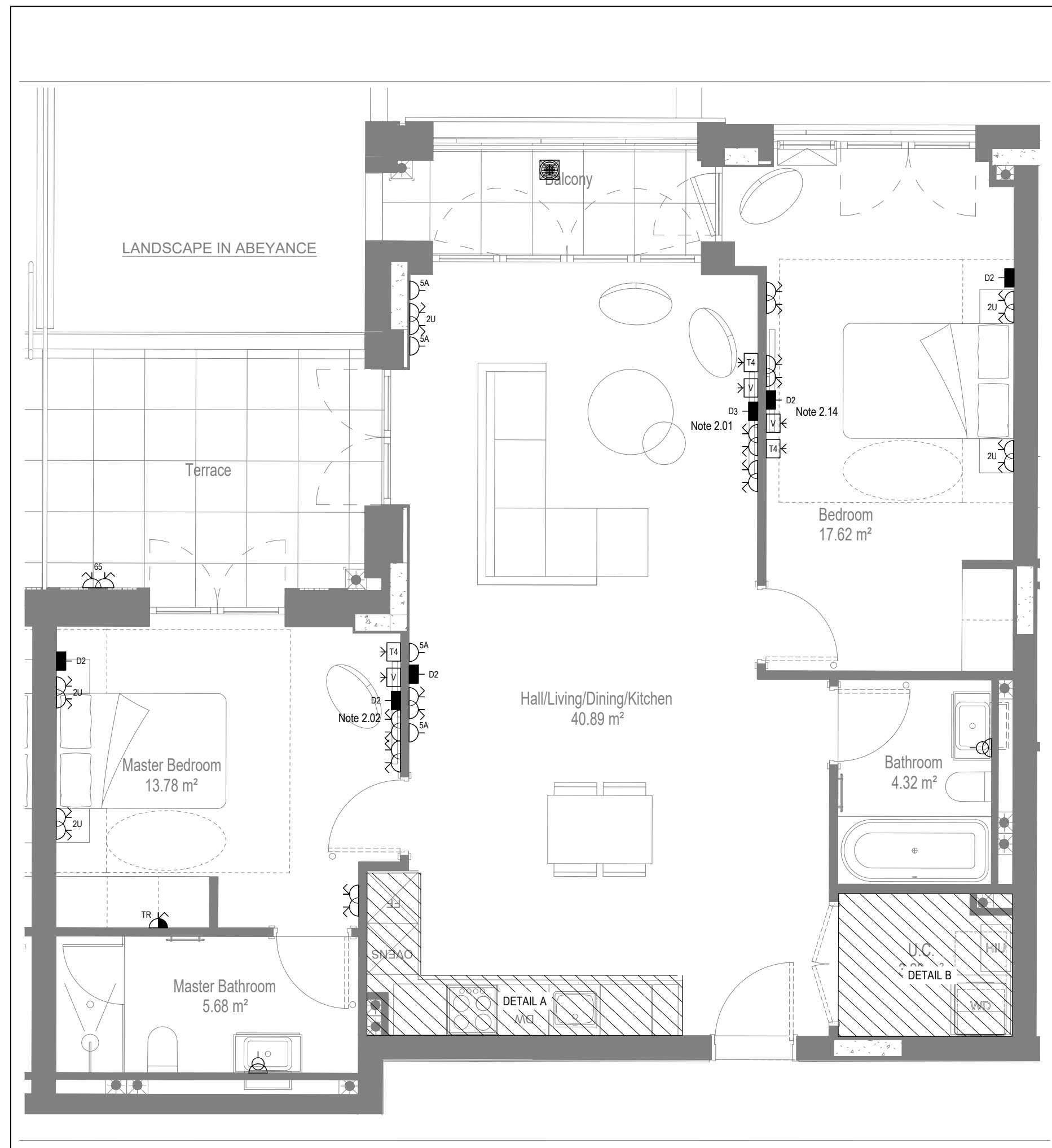
Dwg Number:
10687-E-03-A-0003B

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	Electrical Installation Notes
1.01	All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from bays and 300mm from the external wall in compliance with BS 7371.
1.02	The kitchen layout plan is indicative only. Please refer to specialist drawings for final layout before any installation work commences on site.
1.03	All wiring accessories shown as being installed on party walls must be installed in accordance with the following property class: if not back-to-back on the party wall.
1.04	All electrical items within 22mm of floor must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or, if under IPX4 protection (zone 1 & 2) or IPX7 (zone 3). Shower sockets compliant with BS EN62553 (zone 2) or exception can be interlocked within zone 2.
1.05	Grid Switch & Hob isolator to be located in unit w/ door closing out for cabinet below hob. Location TBC by controlling contract prior to final sign off.
	Technical Specific Notes
2.01	Master television point comprising the following: • 2No. Double switched socket outlet • Quad coaxial outlet • 3No. RJ45 UTP Data Point • Virgin T/V outlet
2.02	Master bedroom television point comprising the following: • 2No. Double switched socket outlet • Quad coaxial outlet • 3No. RJ45 UTP Data Point • Virgin T/V outlet
2.03	Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarm devices shall be wiring shall be interwired to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted w/rd relay base for connection to landlord's fire alarm system.
2.04	Under floor heating to be wired to kitchen floor finish. Locations of spurs to be coordinated with kitchen specialist.
2.05	2 gang switch for bathroom light and extract ventilation boost, with label inside the rooming box warning of multiple circuits.
2.06	1 gang switch for pendant lighting. Final specification of luminaires by others.
2.07	All switches to be mounted on single facplate with label warning of multiple circuits.
2.08	6 gang grid switch fitted with 20A double pole switch, switch engraved with the name of the appliance service:- • Cooler hood • Dishwasher • Fridge/Freezer • Oven • Wine Cooler • Microwave (Comb microwave where applicable) • VUB
2.09	All consumer units to be fitted with surge suppression modules.
2.10	Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
2.11	For locations and setting out details of services, refer to typical cupboard drawing.
2.12	All electrical work shall be separate from and controls located in the MEP cupboard. Architect to confirm details of the towel rail.
2.13	Second bedroom T/V Point:- • 1No. Double switched socket outlet • Quad coaxial outlet • 2No. RJ45 UTP data point • Virgin T/V outlet
2.14	Pre-wire for future luminaires within Beesa box including blank, virgin switched as indicated.
2.15	Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
2.17	1 gang switch to be at sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

Title:	ELECTRICAL SERVICES LAYOUT FLAT TYPE 04	
Plots:	AS04	
Project:	HORNSEY TOWN HALL	
Client:	ARDMORE	Rev: AB
Dwg Number:	10687-E-03-A-0004	



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General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- Typical drawings to be reviewed in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be confirmed with MDA before work commences.
- Room thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes:

- | | |
|------|---|
| 1.01 | All switches and sockets must be installed at least 300mm from internal corner comes to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671. |
| 1.02 | The kitchen layout plan was indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site. |
| 1.03 | All wiring accessories shown as being installed on party walls must be installed off in the adjoining property such that they are not back-to-back on the party wall. |
| 1.04 | All electrical items within 2.25m of fire must be installed at least 600mm from the edge of the wall or overhead cable tray, 300mm radius from basin taps, or be rated to IPX4 protection (zone 1 or 2) or IPX7 (zone 0). Shaver sockets compliant with BS EN15558-2 are an exception and can be installed within zone 2. |
| 1.05 | Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location BTP by building control prior to final sign off. |

Tenure Specific Notes:

- 2.01 Main television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 3No. RJ45-Outlet Data Point
 - Virgin TV Outlet
- 2.02 Master bedroom television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45-Outlet Data Point
 - Virgin TV Outlet
- 2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be intermonitored to provide a common alarm upon detection of any one unit. All smoke and heat alarms must be positioned at least 300mm from any other wall or obstruction. Detector located to apartment entrance shall be fitted w/c relay base for connection to landlord's fire alarm system.
- 2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
- 2.05 2-gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.
- 2.06 Provision for pendant lighting. Final specification of luminaire by others.
- 2.07 All switches to be moulded with 1-gang isolopole with label warning of multiple circuits.
- 2.08 6-gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:
 - Cooker hood
 - Dishwasher
 - Fridge/freezer
 - Oven
 - Wren Cooler
 - Microwave (Comb microwave where applicable)
 - VUB
- 2.09 All consumer units to be fitted with surge supplement modules.
- 2.10 Refer to kitchen layouts for positions of electrical appliances before any installation.
- 2.11 For locations and setting out details of services, refer to typical cupboard drawing.
- 2.12 All towel rails shall have separate terms and controls located in the MEP cupboard.
- 2.13 Architrave to confirm the position of the towel rail.
- 2.14 Secondary bedroom TV Point:
 - 1No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 outlet data point
 - Virgin TV Outlet
- 2.15 Provision for future luminaire within Besa box including blank plate, switched as indicated.
- 2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
- 2.17 The bathroom shall have a shower enclosure with an air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING No:		REVISION:	DATE RECEIVED:
3596-KDS-BA-XX-DR-A-06-1125		C4	01.05.2022

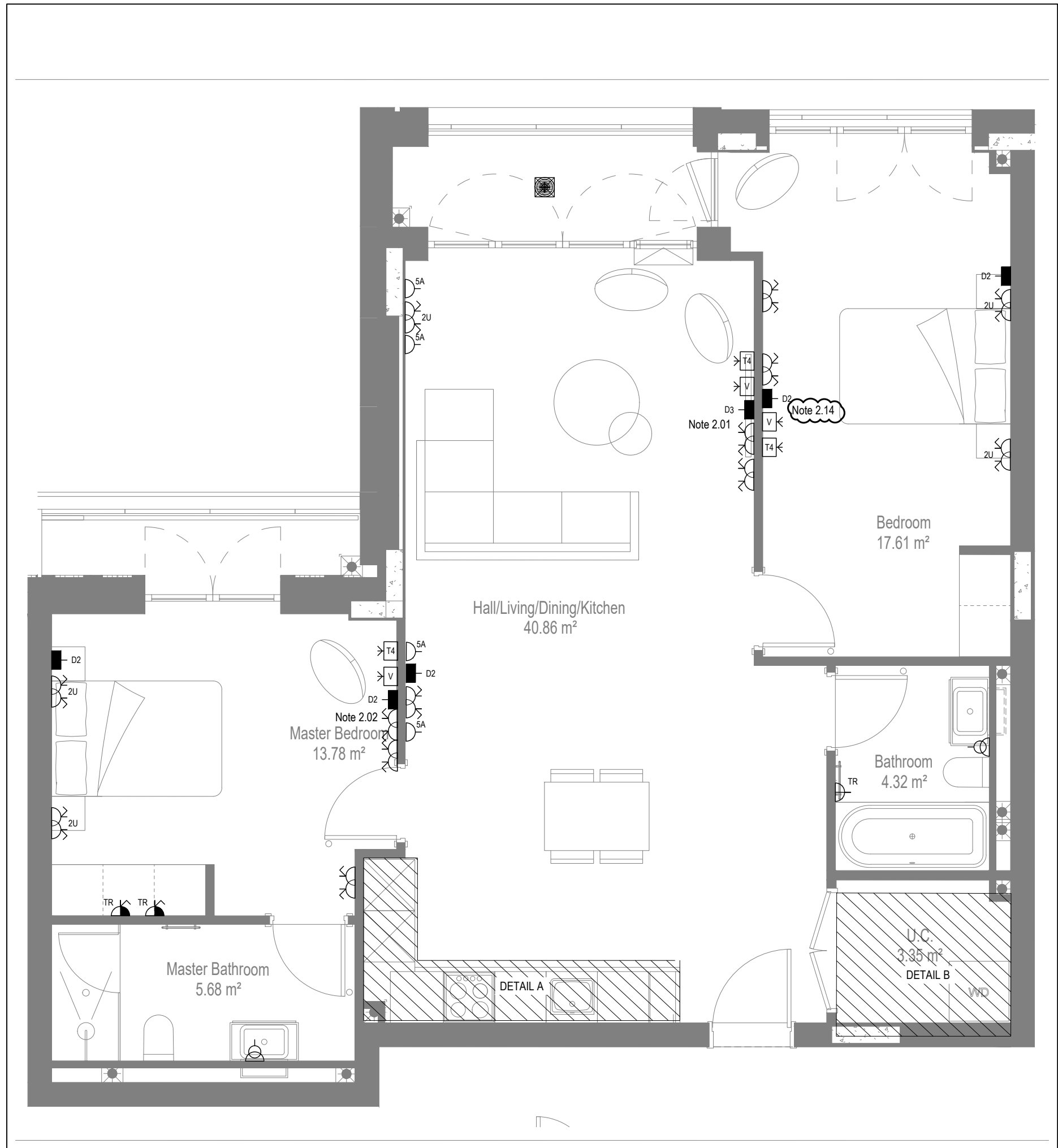
AB	14.11.2022	AS BUILT	IV	JM
C4	02.11.2021	Updated secondary Tv points in bedrooms	ZM	JM
C3	21.05.2021	Thermostats for under floor heating added. 5amp sockets added.	DP	JM
C2	03.03.2021	Sockets and towel rail switches updated.	IV	JM
C1	11.09.2020	Construction Issue	SP	JM
P1	04.06.2020	Preliminary issue	AJH	JC

Current purpose:	AS BUILT	Scale: 1:50	Size: A1
Original Issue Date:	04.06.2020	Drwn: AJH	Chkd: JC

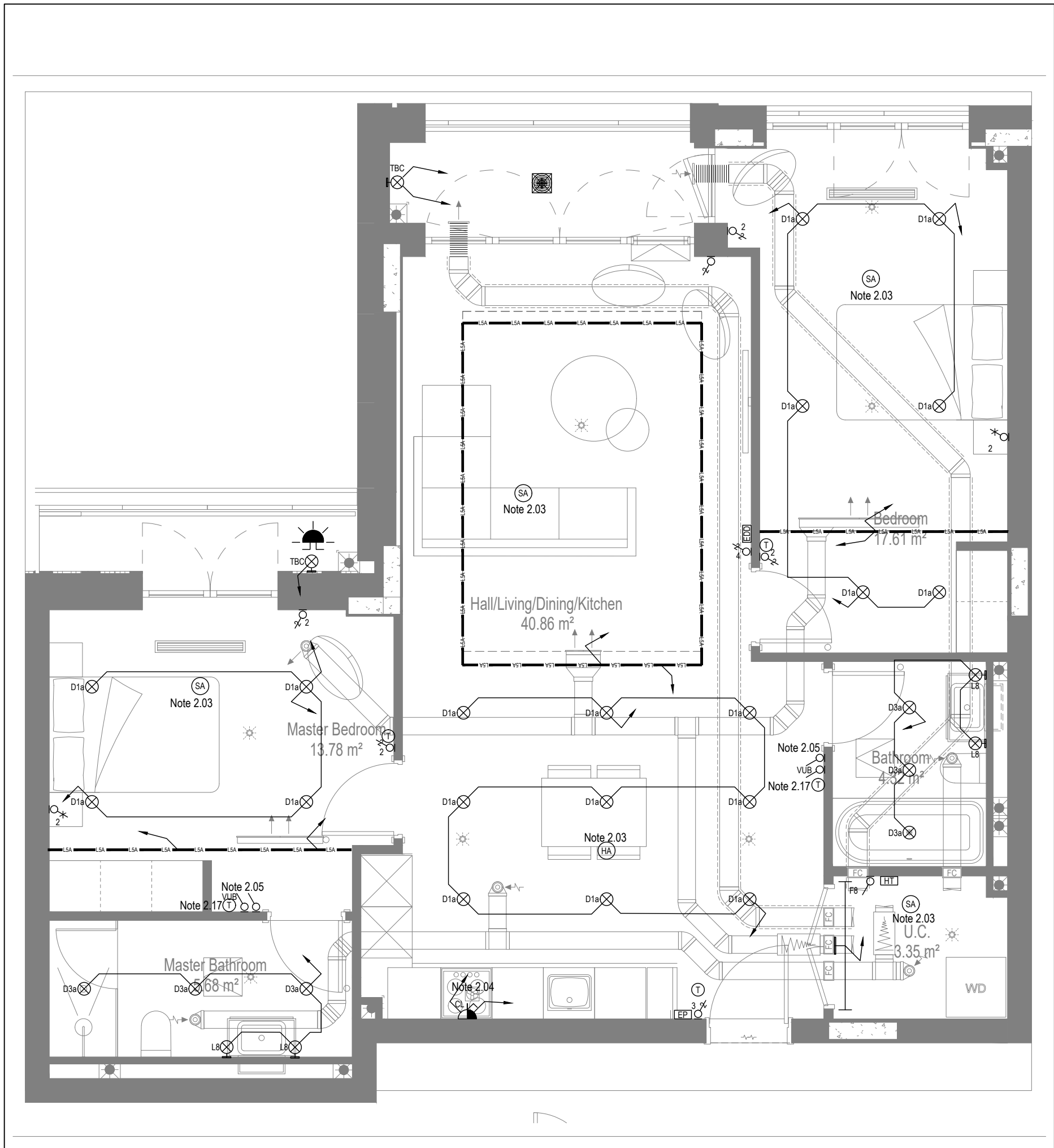

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CONSULTING

**BUILDING SERVICES DESIGN
CONSULTANTS**
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Kent, DA11 9EU
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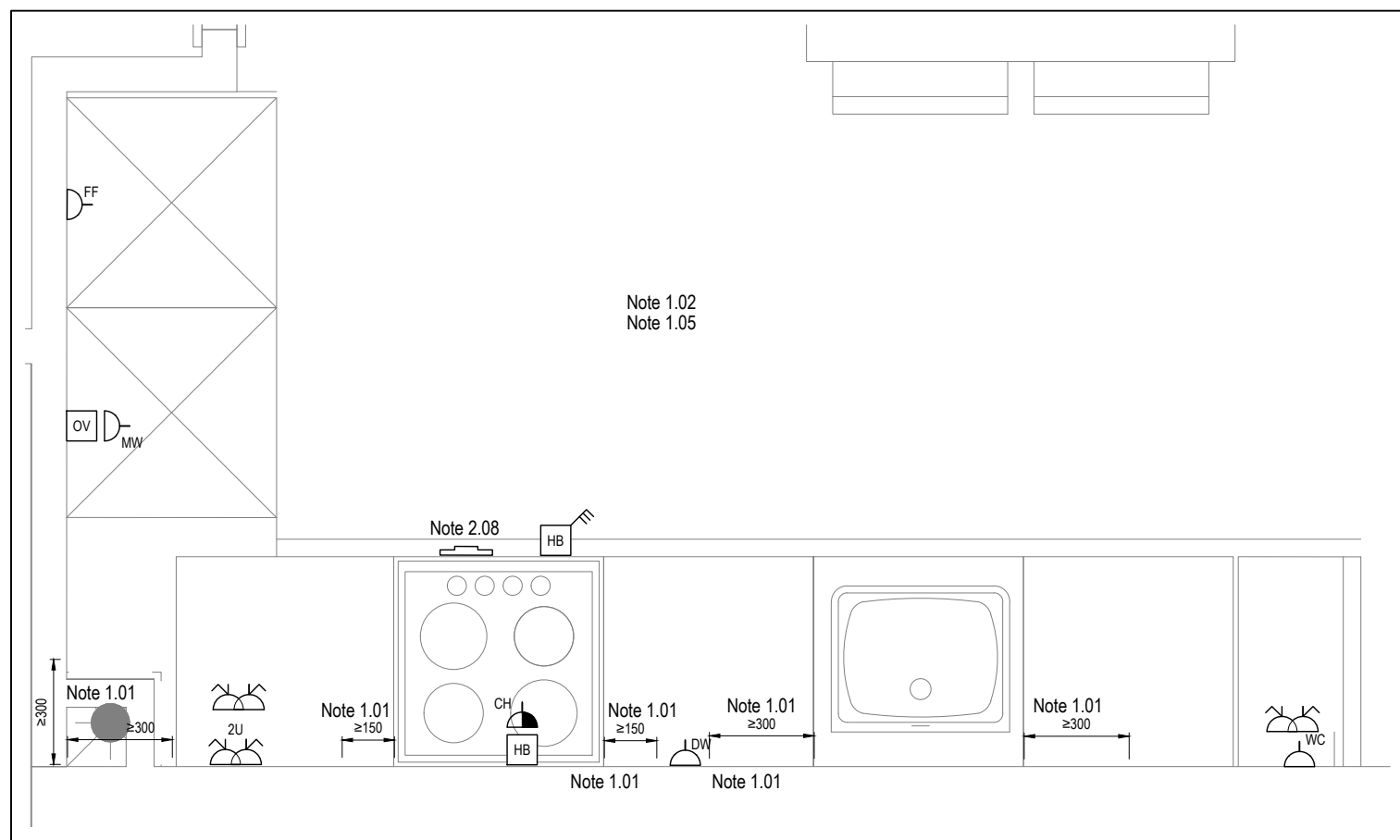
Title:	ELECTRICAL SERVICES LAYOUT	
	FLAT TYPE 05	
Plots:	AS05	
Project:	HORNSEY TOWN HALL	
Client:	ARDMORE	Rev. AB
Dwg Number:	10687-E-03-A-0005	



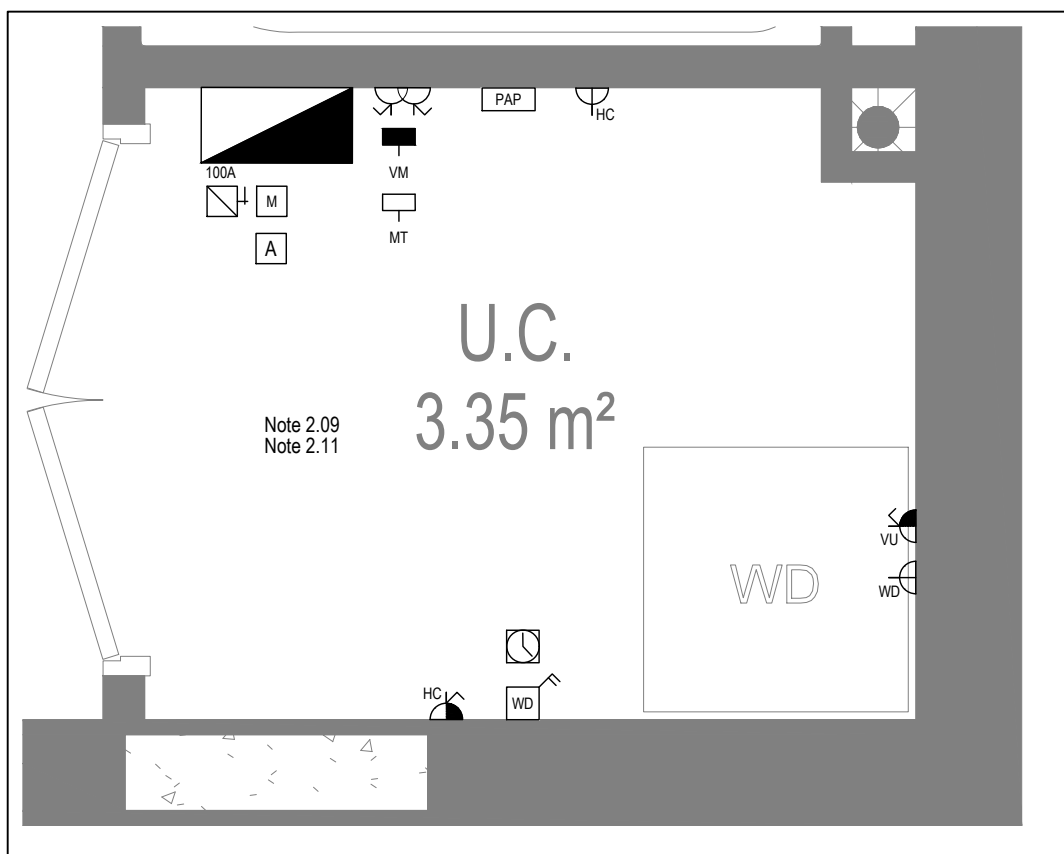
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

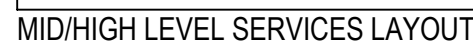
Electrical Installation Notes

- 1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.
- 1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
- 1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.
- 1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.
- 1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

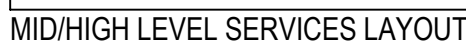
- 2.01 Main television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 3No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- 2.02 Master bedroom television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- 2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.
- 2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
- 2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.
- 2.06 N/A
- 2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.
- 2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-
 - Cooker hood
 - Dishwasher
 - Fridge/freezer
 - Oven
 - Wine Cooler
 - Microwave (Combi microwave where applicable)
 - VUB
- 2.09 All consumer units to be fitted with surge supplement modules.
- 2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
- 2.11 For locations and setting out details of services, refer to typical cupboard drawing.
- 2.12 All towel rails shall have separate timers and controls located in the MEP cupboard.
- 2.13 Architect to confirm the position of the towel rail.
- 2.14 Secondary bedrooms TV point:
 - 1No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 outlet data point
 - Virgin TV outlet
- 2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.
- 2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
- 2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER: KDS				
DRAWING NO: 3596-KDS-BA-XX-DR-A-06-1112		REVISION: C4	DATE RECEIVED: 05.01.2022	
AB	14.11.2022	AS BUILT	IV	JM
C2	02.11.2021	Updated secondary TV points in bedrooms	ZM	JM
G1	21.05.2021	Construction Issue	IV	JM
Rev	Date	Description	Drawn	Chkd
Current purpose: AS BUILT		Scale: 1:50	Size: A1	
Original Issue Date: 21.05.2021		Drawn: IV	Chkd: JM	
 BUILDING SERVICES DESIGN CONSULTANTS 26-27 The Hill, Northfleet, Gravesend Kent, DA11 9EU www.whitecode.co.uk T: 01322 289977 E: design@whitecode.co.uk				
Title: ELECTRICAL SERVICES LAYOUT FLAT TYPE 05B AS15				
Plots: AS15				
Project: HORNSEY TOWN HALL				
Client: ARDMORE				Rev: AB
Dwg Number: 10687-E-03-A-0005B				

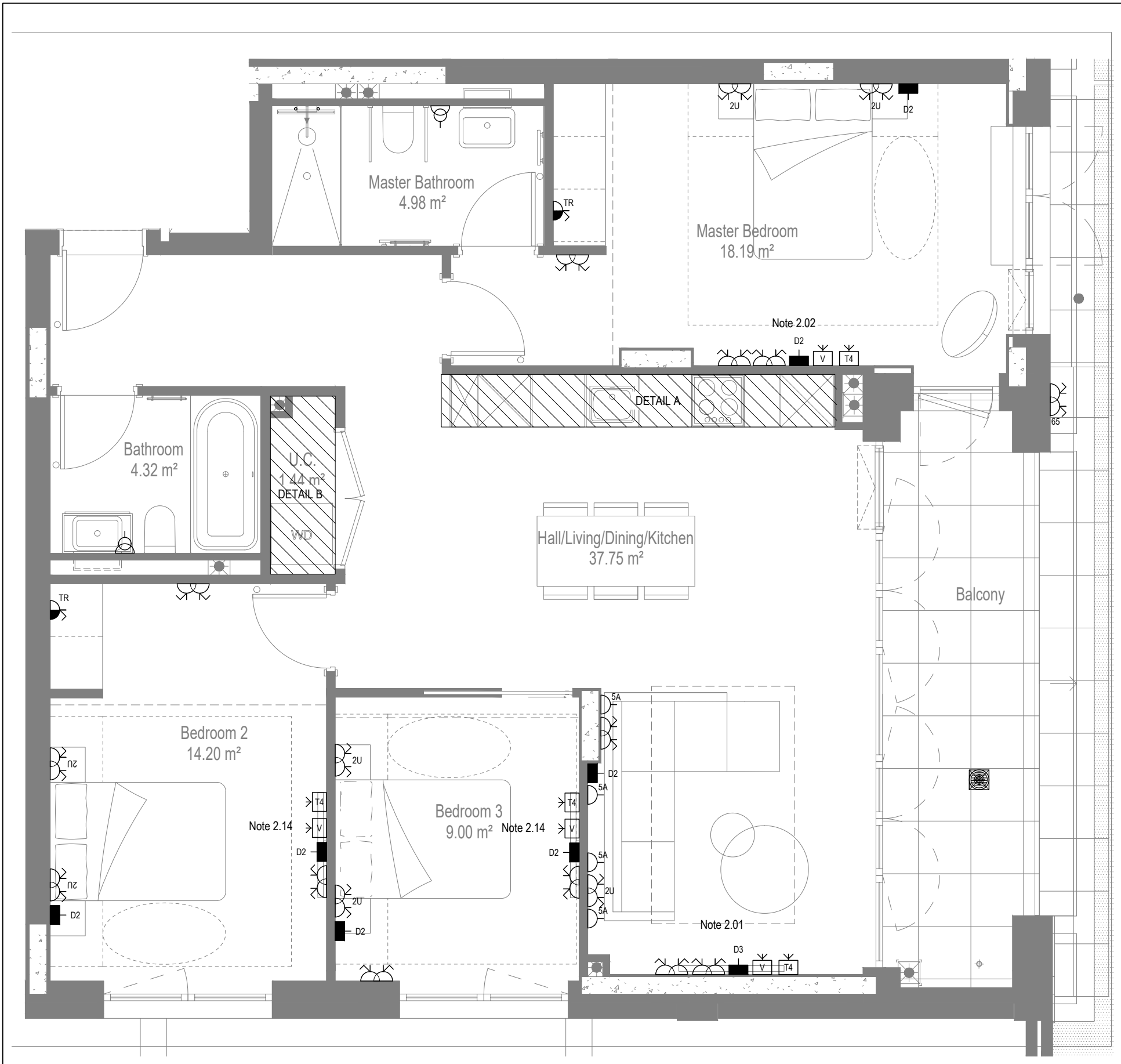


	Tenure Specific Notes	
2.01	Master bedroom comprising the following:	
	• 2No. Double switched socket outlet	
	• Quad coaxial outlet	
	• 3No. RJ45 Outlet Data Point	
	• Virgin TV Outlet	
2.02	Master bedroom television point comprising the following:	
	• 2No. Double switched socket outlet	
	• Quad coaxial outlet	
	• 2No. RJ45 Outlet Data Point	
	• Virgin TV Outlet	
2.03	Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon activation of any unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closed to apartment entrance shall be fitted with dry relay base for connection to landlord's fire alarm system.	
2.04	All cupboard lighting to be wired to kitchen lighting circuit. Locations of spaces to be coordinated with kitchen specialist.	
2.05	2 gang switch for bathroom light and extract ventilation booster, with label inside the mounting box warning of multiple circuits.	
2.06	2 gang switch for pendant lighting. First specification of luminaires by others	
2.07	All switches to be mounted on single faceplate with label warning of multiple circuits.	
2.08	2 gang dry switch fitted with 20A double pole switches, each switch engaged with the name of the appliance served.	
	• Cooker hood	
	• Dishwasher	
	• Freezer/Freezer	
	• Oven	
	• Wine Cooler	
	• Microwave (Combi microwave where applicable)	
	• VCR	
2.09	All consumer units to be fitted with surge suppression modules.	
2.10	Refer to kitchen layouts for positions of electrical appliances before any installation work commences.	
2.11	For fixtures and setting out details of services, refer to typical cupboard drawing.	
2.12	All boxes shall have separate timers and controls located in the MEP cupboard.	
	Architect to confirm the position of the towel rail.	
2.14	Secondary bedroom TV Point:	
	• 1No. Double switched socket outlet.	
	• Quad coaxial outlet	
	• 2No. RJ45 outlet data point	
2.15	TV Virgin TV outlet	
2.16	Plaster and future luminaires within Besa box including blank plate, switched as indicated.	
2.18	Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.	
2.17	Plaster and future luminaires within bathroom. Final location of air sensor TBC by underfloor heating contractor.	

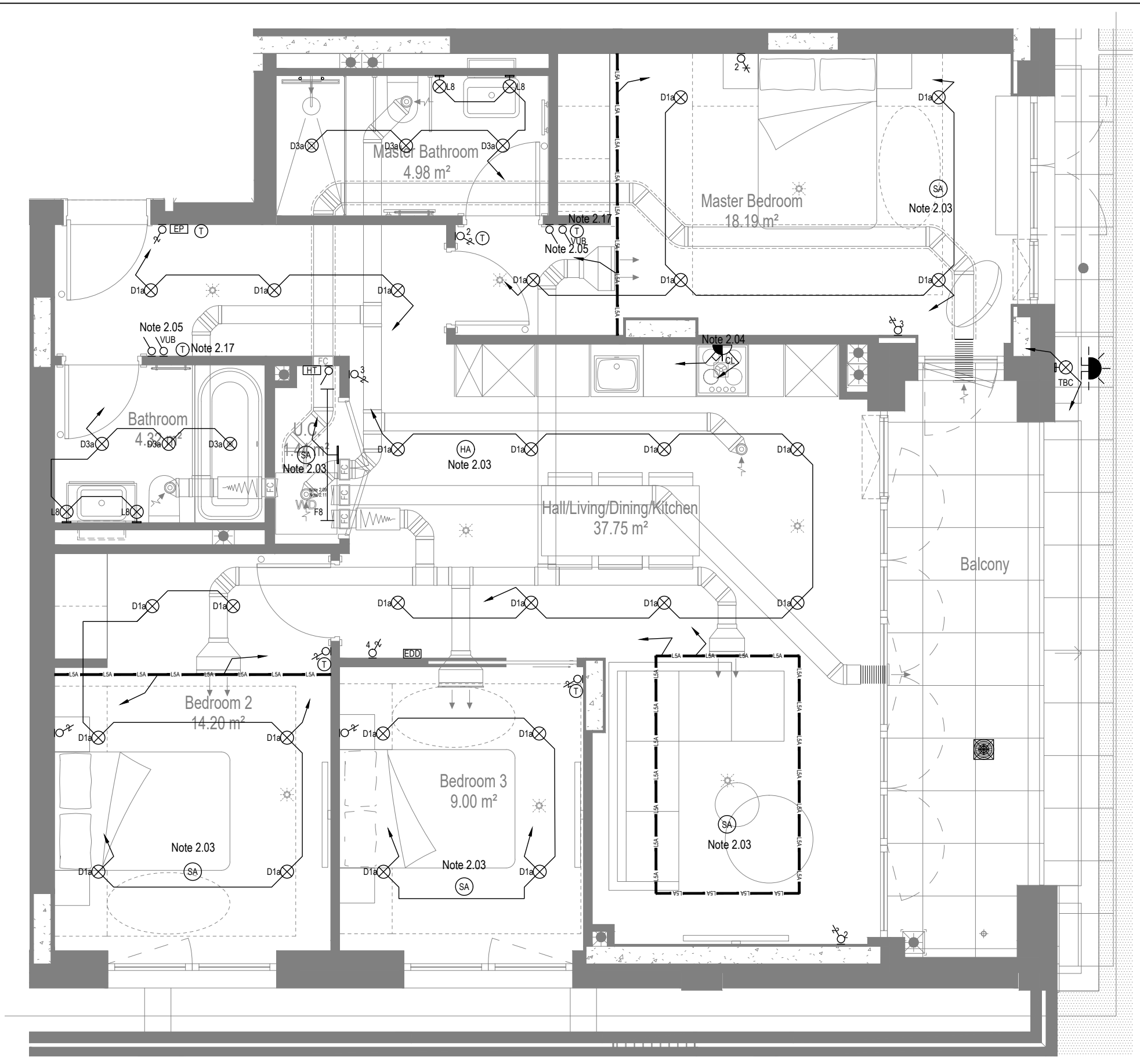
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Plots:	AS06	
Project:	HORNSEY TOWN HALL	
Client:	ARDMORE	Rev:
Dwg Number:	10687-E-03-A-0006	AB



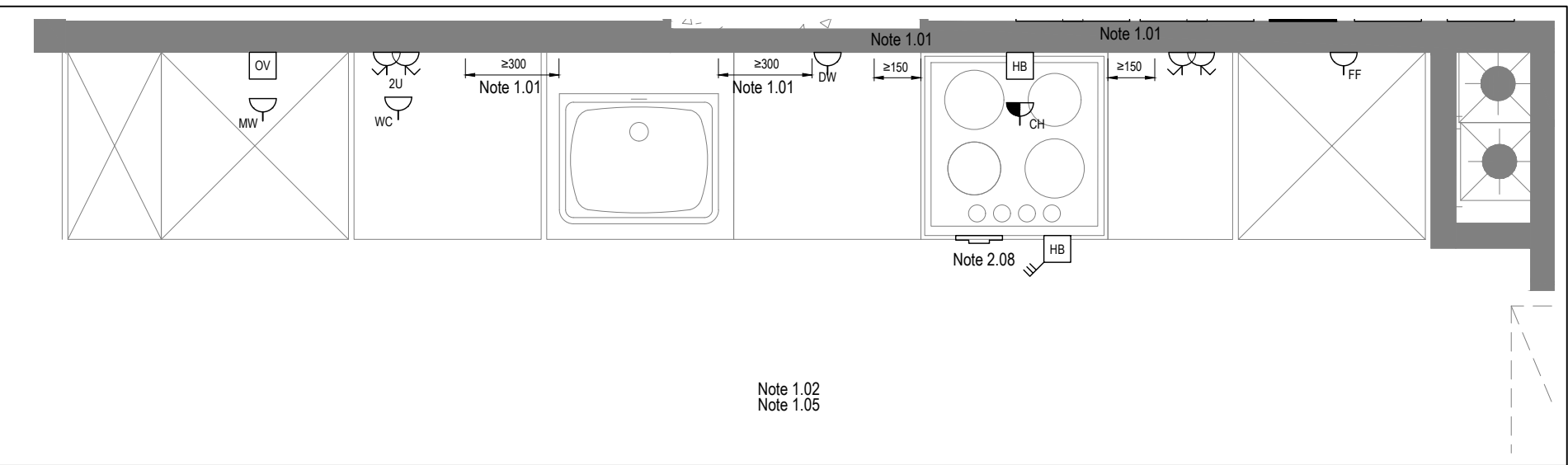
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Project: HORNSEY TOWN HALL			
Client:		ARDMORE	Rev: AB
Dwg Number:		10687-E-03-A-0006B	



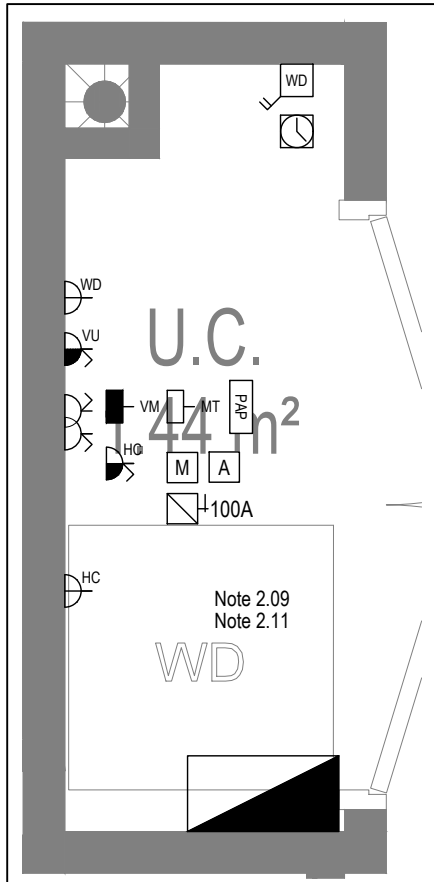
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hub isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- VUB
- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard.

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point:

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER: KDS ARCHITECTS			
DRAWING No.	REVISION	DATE RECEIVED	
3596-KDS-BA-XX-DR-A-06-1125	C4	04.01.2022	

AB	14.11.2022	AS BUILT	IV	JM
C4	02.11.2021	Updated secondary TV points in bedrooms	2M	JM
C3	21.05.2021	Thermostats for under floor heating added. Sump sockets added.	DP	JM
C2	03.03.2021	Sockets and towel rail switches updated	IV	JM
C1	11.09.2020	Construction Issue	COS	JM
PI	28.02.2020	Preliminary Issue	MJ	JC

Rev	Date	Description	Size	Chkd
			A1	
			MJ	JC

Current purpose:	AS BUILT	Scale:	1:50	Size:	A1
Original Issue Date:	28.02.2020	Dwn:	MJ	Chkd:	JC

BUILDING SERVICES DESIGN CONSULTANTS	
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Title: ELECTRICAL SERVICES LAYOUT
FLAT TYPE 07

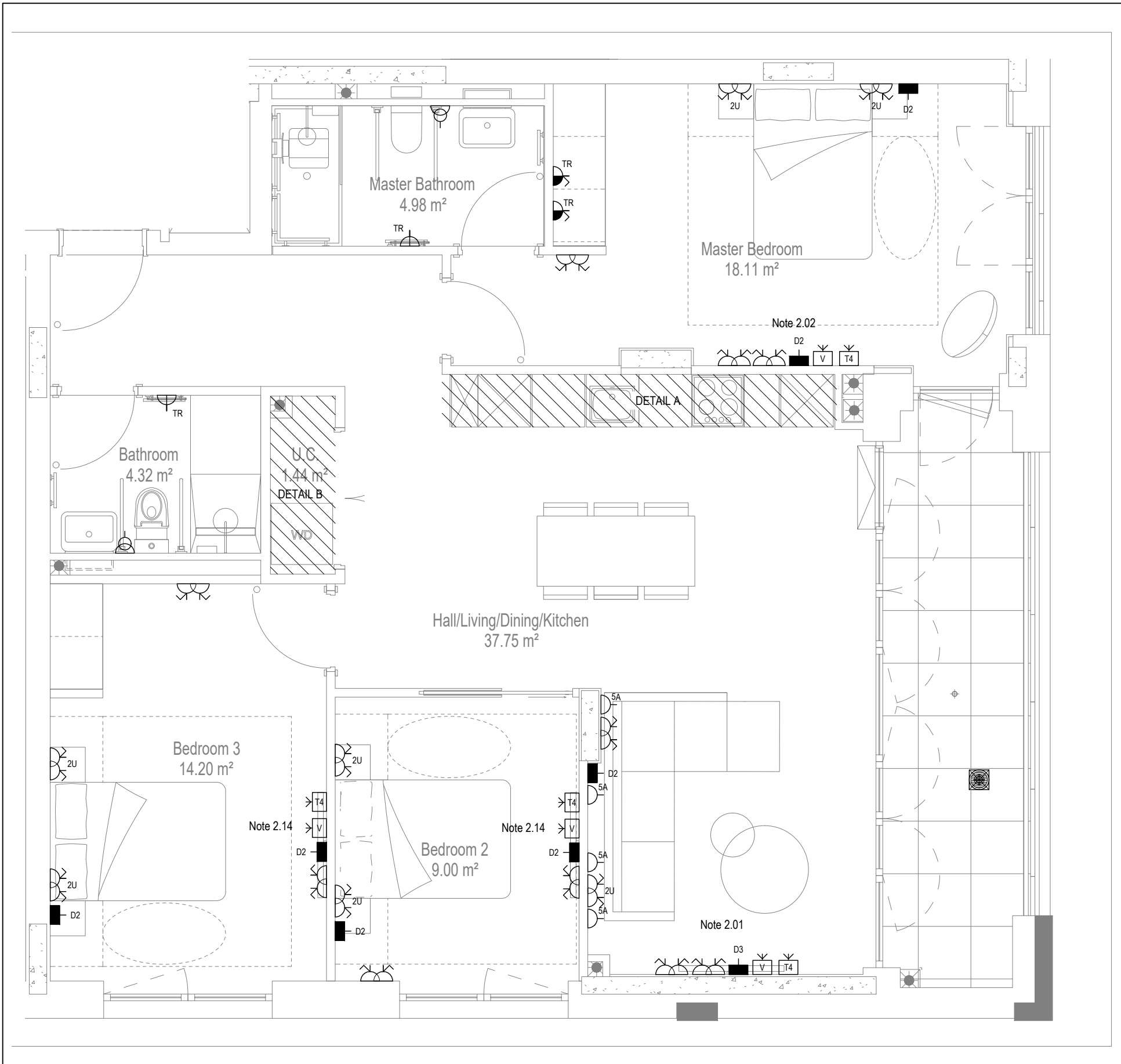
Plots: AS07

Project: HORNSEY TOWN HALL

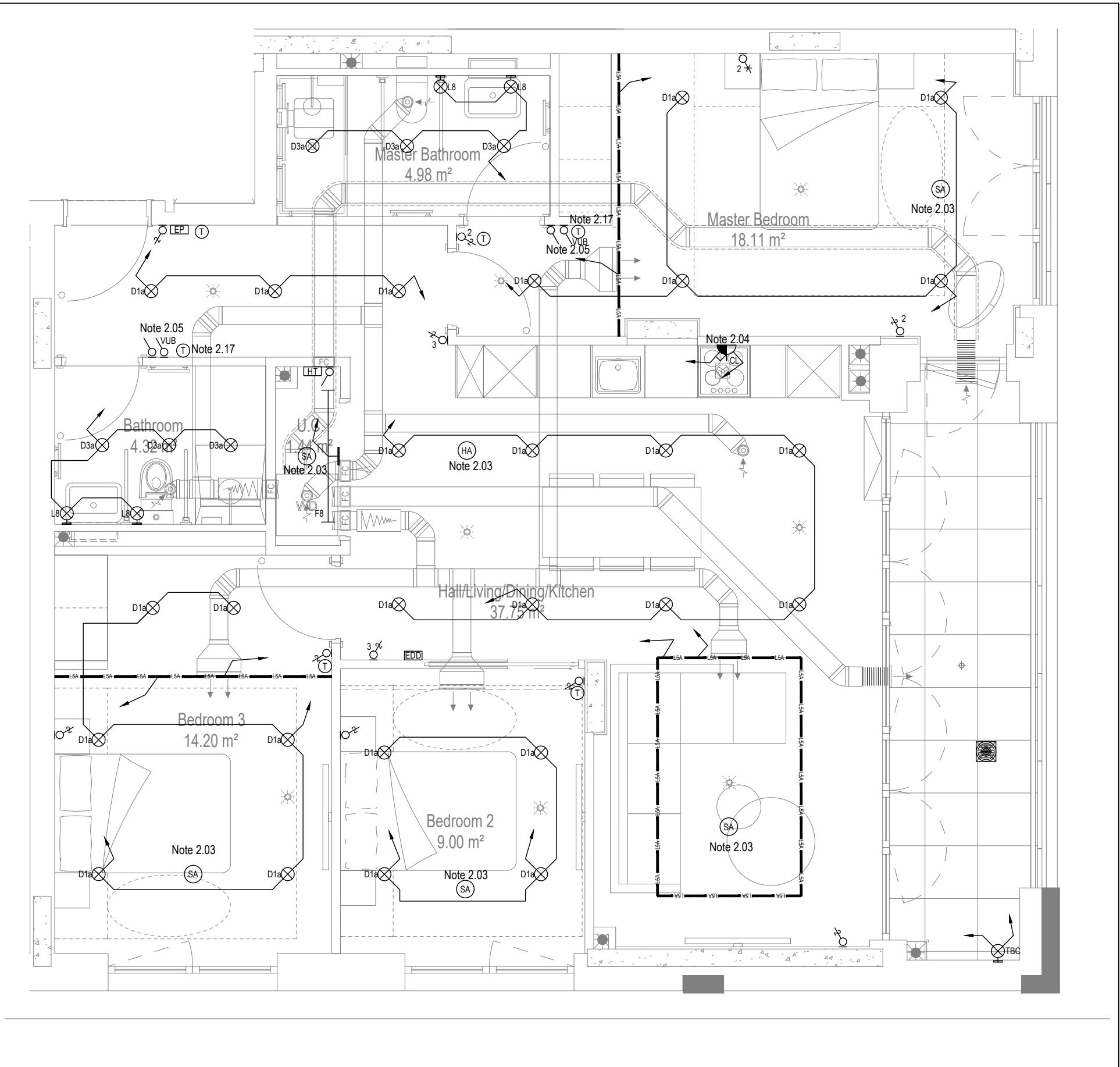
Client: ARDMORE

Dwg Number: 10687-E-03-A-0007

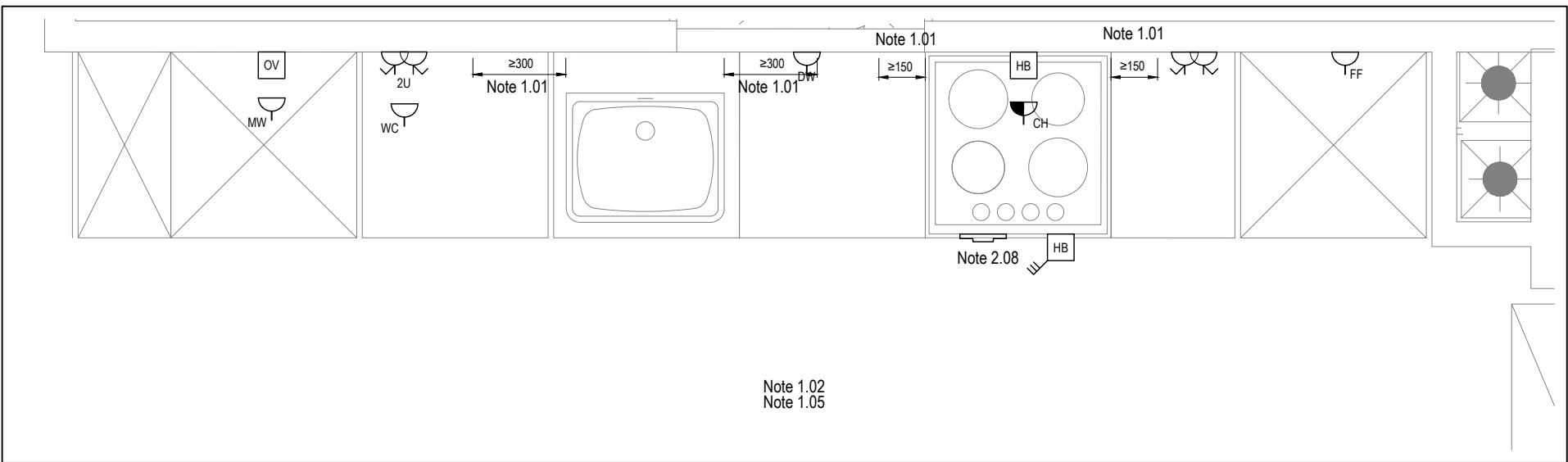
Rev: AB



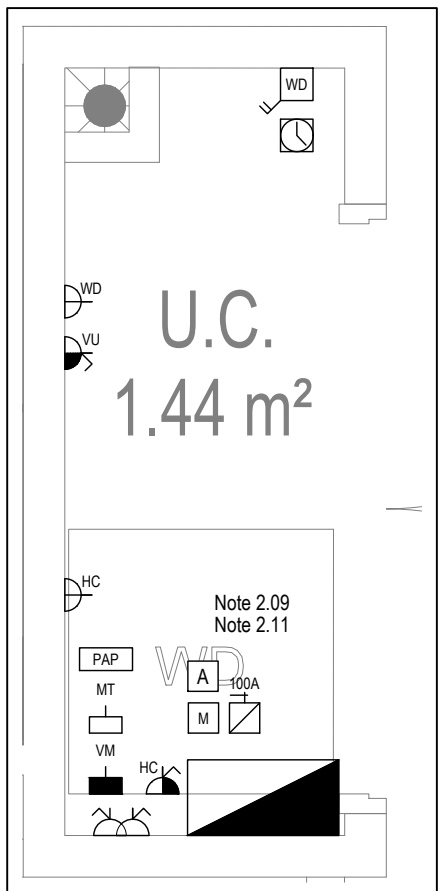
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

- All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.
- The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
- All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.
- All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.
- Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

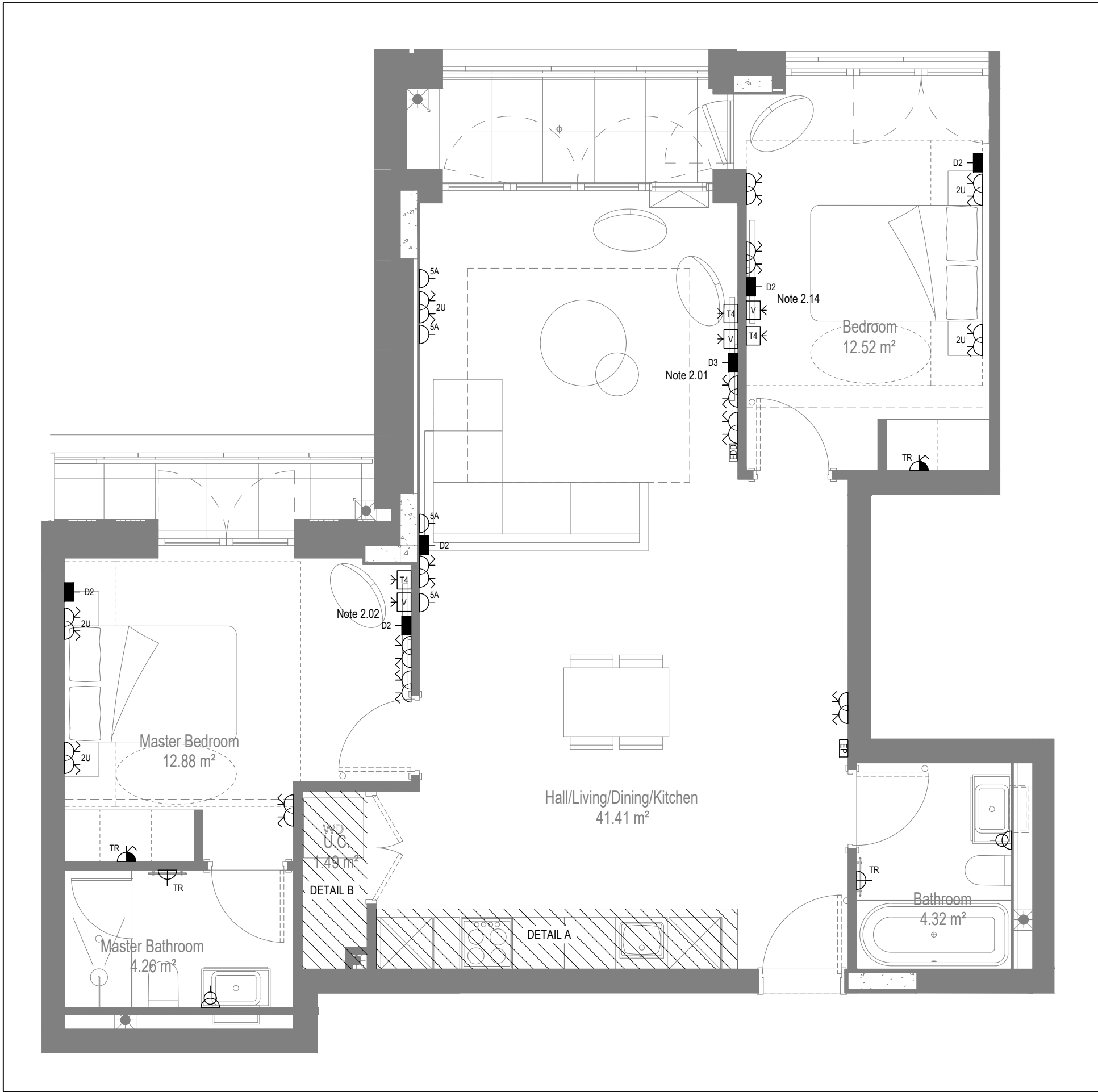
- Main television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 3No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- Master bedroom television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.
- Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
- 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.
- N/A
- All switches to be mounted on single faceplate with label warning of multiple circuits.
- 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:
 - COOKER
 - Dishwasher
 - Fridge/Freezer
 - Oven
 - Wine Cooler
 - Microwave (Combi microwave where applicable)
 - VUB
- All consumer units to be fitted with surge supplement modules.
- Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
- For locations and setting out details of services, refer to typical cupboard drawing.
- All towel rails shall have separate timers and controls located in the MEP cupboard
- Architect to confirm the position of the towel rail.
- Secondary bedrooms TV point:
 - 1No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 outlet data point
 - Virgin TV outlet
- Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.
- Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
- Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER: KDS			
DRAWING NO:	REVISION:	DATE RECEIVED:	
3596-KDS-BA-XX-DR-A-06-1114	C4	20.04.2022	

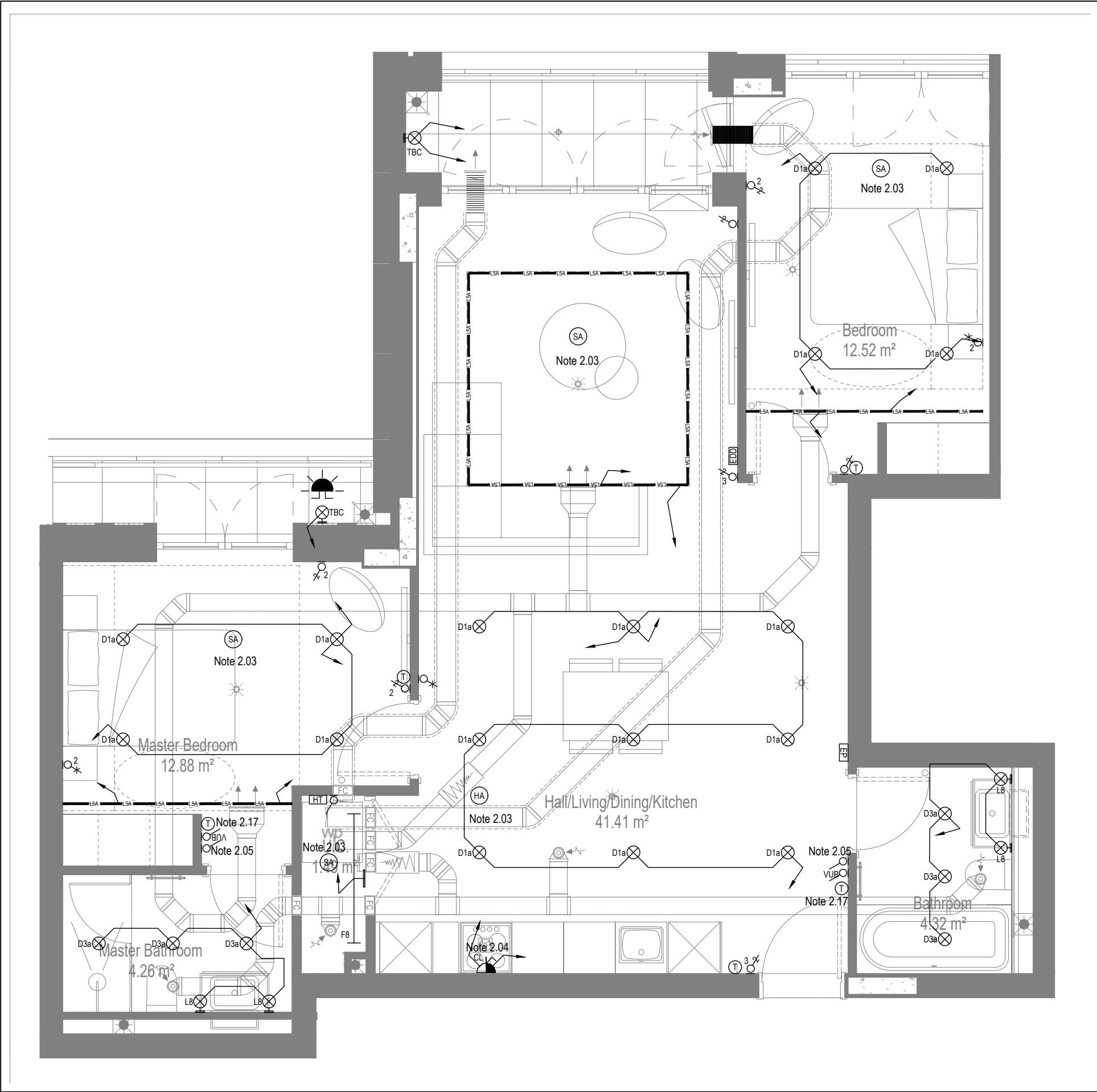
AB	14.11.2022	AS BUILT	IV	JM
C2	02.11.2021	Updated secondary Tv points in bedrooms	ZM	JM
G1	21.05.2021	Construction Issue	IV	JM
Rev	Date	Description	Drawn	Chkd
Current purpose:	AS BUILT	Scale: 1:50	Size: A1	
Original Issue Date:	21.05.2021	Drawn: IV	Chkd: JM	

		BUILDING SERVICES DESIGN CONSULTANTS 26-27 The Hill, Northfleet, Gravesend Kent, DA11 9EU www.whitecode.co.uk T: 01322 289977 E: design@whitecode.co.uk
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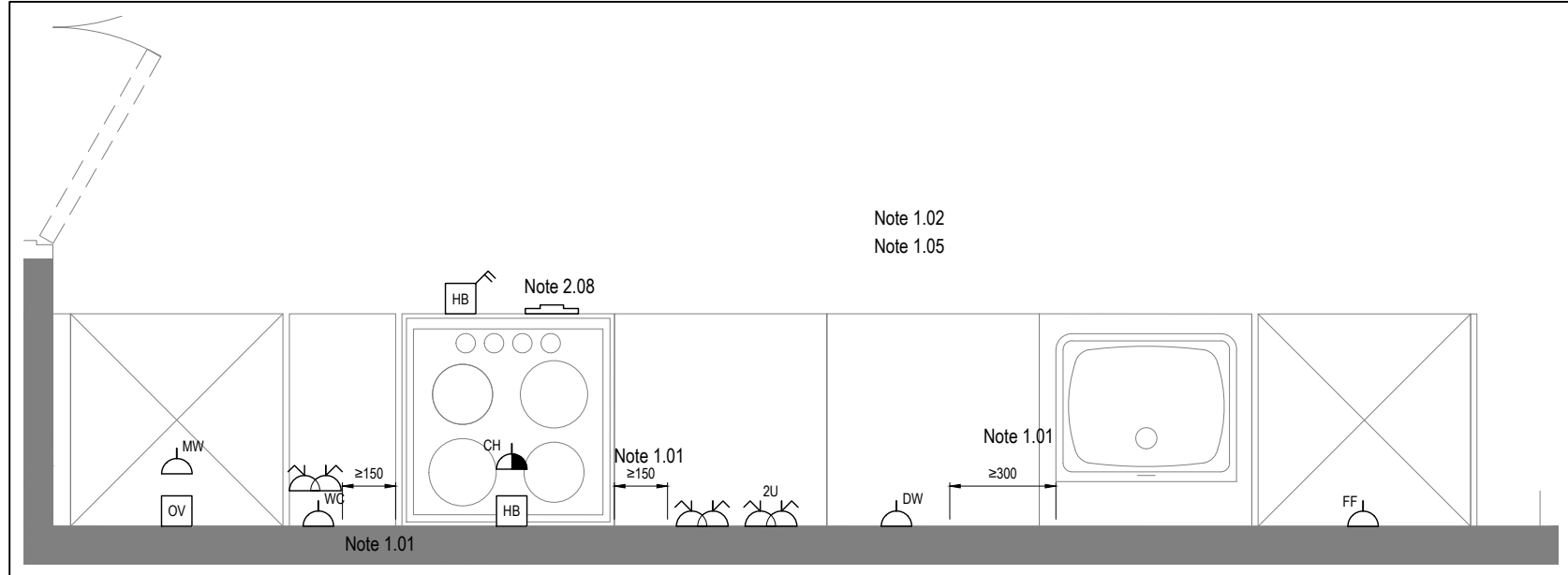
Title:	ELECTRICAL SERVICES LAYOUT FLAT TYPE 07B	
Plots:	AS17	
Project:	HORNSEY TOWN HALL	
Client:	ARDMORE	Rev:
Dwg Number:	10687-E-03-A-0007B	AB



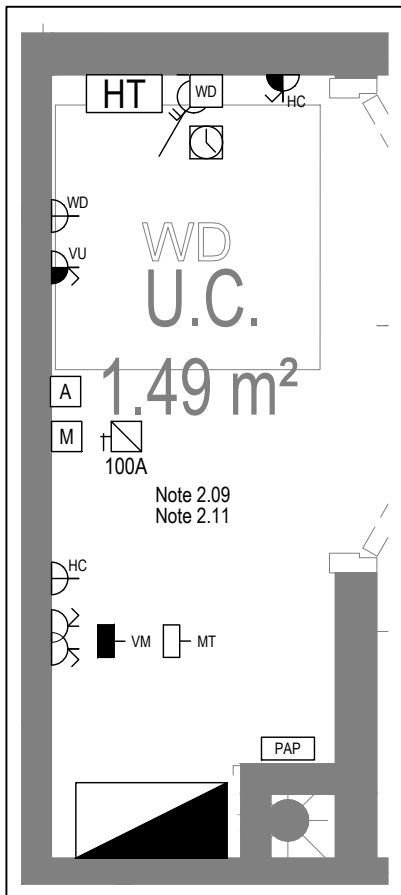
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

- All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.
- The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
- All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.
- All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.
- Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

- Main television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 3No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- Master bedroom television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.
- Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
- 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.
- Provision for pendant lighting. Final specification of luminaire by others
- All switches to be mounted on single faceplate with label warning of multiple circuits.
- 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-
 - Cooker hood
 - Dishwasher
 - Fridge/Freezer
 - Oven
 - Wine Cooler
 - Microwave (Combi microwave where applicable)
 - VUB
- All consumer units to be fitted with surge supplement modules.
- Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
- For locations and setting out details of services, refer to typical cupboard drawing.
- All towel rails shall have separate timers and controls located in the MEP cupboard
- Architect to confirm the position of the towel rail.
 - No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 outlet data point
 - Virgin TV outlet
- Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.
- Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
- Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING No:	REVISION:	DATE RECEIVED:	
3596-KDS-BA-XX-DR-A-06-1125	C3	04 01 2022	

AB	14.11.2022	AS BUILT	IV	JM
C4	02.11.2021	Updated secondary tv points in bedrooms	ZM	JM
C3	21.05.2021	Thermostats for under floor heating added. Same sockets added.	DP	JM
C2	03.03.2021	Sockets and towel rail switches updated.	V	JM
C1	11.09.2020	Construction issue	CDS	JM
Rev	Date	Description	Dwn	Chkd

Current purpose:	AS BUILT	Scale:	1:50	Size:	A1
Original Issue Date:	11.09.2020	Dwn:	CDS	Chkd:	JM

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Title:	ELECTRICAL SERVICES LAYOUT		
Plots:	FLAT TYPE 09		
Project:	AS25		
Client:	HORNSEY TOWN HALL		
Dwg Number:	10687-E-03-A-0009		
Rev:	AB		

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01

All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02

The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03

All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04

All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05

Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01

Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02

Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03

Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04

Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05

2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06

Provision for pendant lighting. Final specification of luminaire by others

2.07

All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08

8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09

All consumer units to be fitted with surge supplement modules.

2.10

Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11

For locations and setting out details of services, refer to typical cupboard drawing.

2.12

All towel rails shall have separate timers and controls located in the MEP cupboard

2.13

Architect to confirm the position of the towel rail.

2.14

Secondary bedroom TV Point:

- No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15

Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16

Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17

Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER: KDS ARCHITECTS			
DRAWING NO	REVISION	DATE RECEIVED	
3596-KDS-BA-XX-DR-A-06-1125	C3	04.01.2022	

AB

14.11.2022

AS BUILT

IV

JM

C4

02.11.2021

Updated secondary TV points in bedrooms

ZM

JM

C3

21.05.2021

Thermostats for under floor heating added. Sump sockets added.

DP

JM

C2

03.03.2021

Sockets and towel rail switches updated

IV

JM

C1

11.09.2020

Construction Issue

CDS

JC

P1

28.02.2020

Preliminary Issue

ZM

JC

Rev

Date

Description

Scale

Size

Chkd

Current purpose:

AS BUILT

Scale: 1:50

Size: A1

Original Issue Date:

28.02.2020

Dwn: ZM

Chkd: JC

W

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Kent, DA11 9EU

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Title:

ELECTRICAL SERVICES LAYOUT

Plots:

AS26

Project:

HORNSEY TOWN HALL

Client:

ARDMORE

Dwg Number:

10687-E-03-A-0010

Rev:

AB

LOW LEVEL SERVICES LAYOUT

MID/HIGH LEVEL SERVICES LAYOUT

DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20

DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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General Electrical Notes

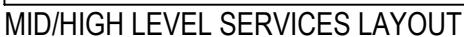
- Mechanical services show for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical installation drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical opening; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room location is for reference only. Final position to be determined on site subject to building and apartment orientation. The room thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Note:

- 1.01 All switches and sockets must be installed at least 300mm from internal corners to meet the requirements of Lifetime Homes, 150mm from doors and 300mm from sink basin to comply with BS7571.
- 1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
- 1.03 All wiring accessories shown as being installed on party walls must be installed offsite in the adjoining property such that they are not back-to-back on the party wall.
- 1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm from basin taps, or, be rated to IPX4 protection (zone 1) or IPX7 (zone 0). Shower switches compliant with BS EN15558-2 are an exception and do not need to be within zone 2.
- 1.05 Grid switch & Hot Isolator to be located in unit c/w boxing out for cabling below hob. Location TRBC by building control prior to final sign off.

Tenure Specific Notes

- 2.01 Main television point comprising the following:
- 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV outlet
- 2.02 Master bedroom television point comprising the following:
- 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV outlet
- 2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection in any unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted with relay base for connection to door's fire alarm system.
- Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be confirmed by kitchen specialist.
- 2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.
- 2.06 Provision for pendant lighting. Final specification of luminaria by others
- 2.07 To be confirmed by kitchen specialist
- 2.08 6 gang 2 circuit switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:
- Cooker hood
 - Dishwasher
 - Fridge/freezer
 - Oven
 - Wine Cooler
 - Microwave (Combi microwave where applicable)
 - VUB
- 2.09 All consumer units to be fitted with surge supplement modules.
- 2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
- For locations and setting out details of services, refer to typical cupboard drawing.
- 2.11 All towel rails shall have separate inlets and controls located in the MEP cupboard
- 2.12 Architect to confirm the position of the towel rail.
- 2.13 Secondary bedroom TV Point
- 1No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 outlet data point
 - Virgin TV outlet
- 2.15 Pre-wire for future luminaria within Besa box including blank plate, switched as indicated.
- 2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
- 2.17 To be confirmed by kitchen specialist
- Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be confirmed by kitchen specialist.

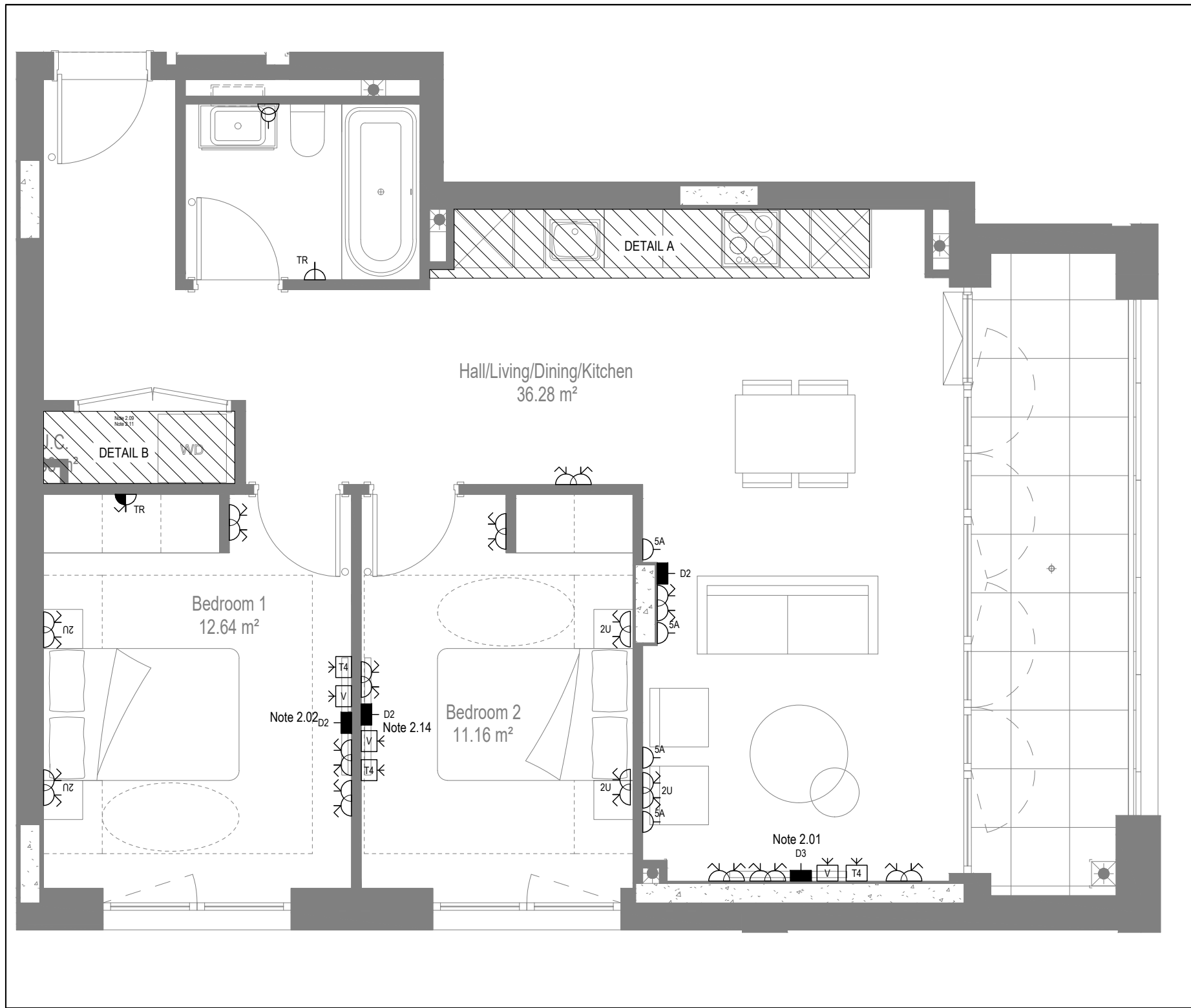


AB	14.11.2022	AS BUILT	IV	JM
C4	02.11.2021	Updated secondary Tv points in bedrooms	ZM	JM
C3	21.05.2021	Thermostats for under floor heating added. Samp sockets added.	DP	JM
C2	03.03.2021	Sockets and towel rail switches updated	IV	JM
C1	11.09.20520	Construction issue	TL	JM
Rev	Date	Description	Drwn	Chkd

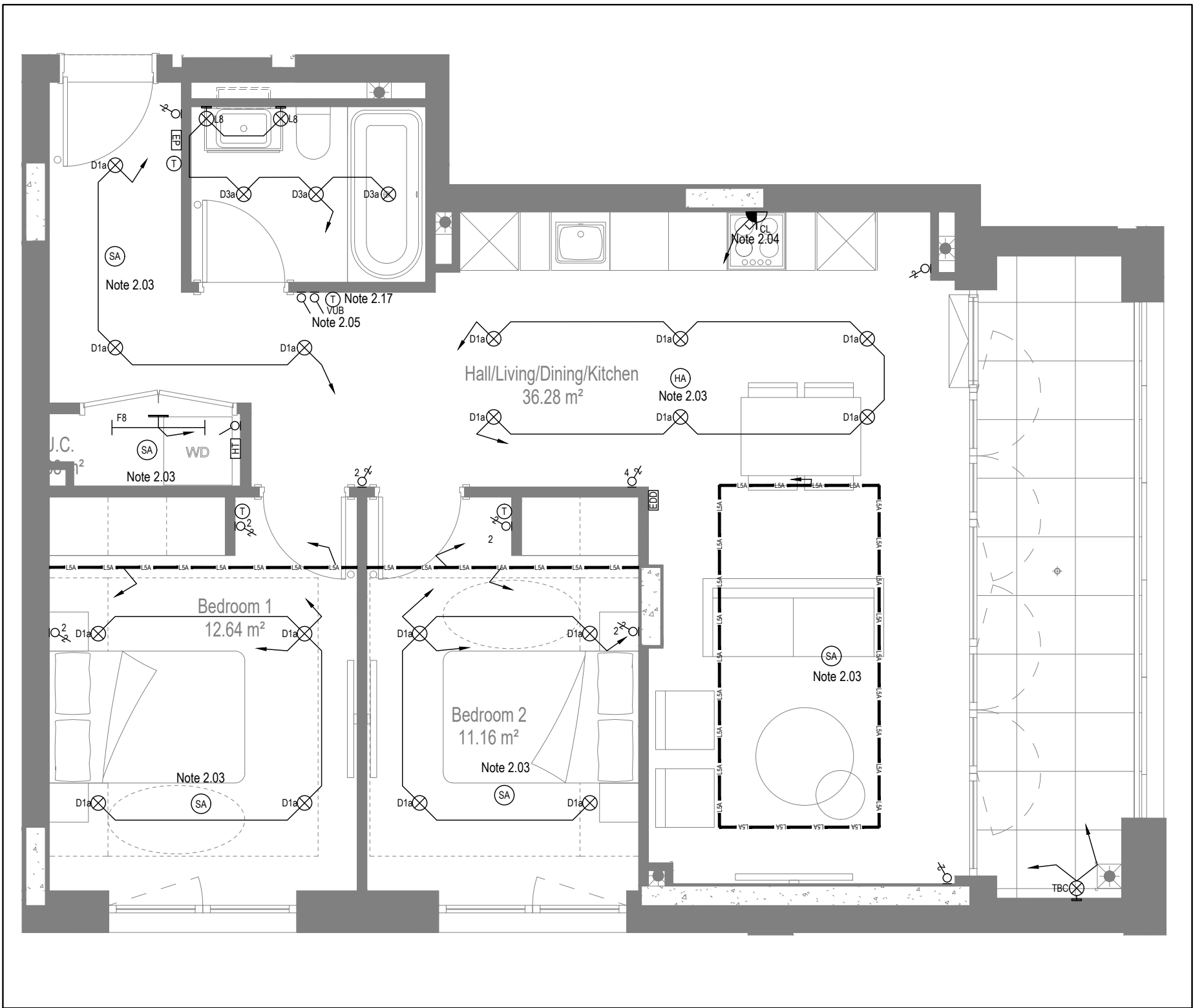
 **WHITECODE**
CONSULTING

**BUILDING SERVICES DESIGN
CONSULTANTS**
26-27 The Hill, Northfleet, Gravesend
Kent, DA11 9EU
www.whitecode.co.uk
T: 01322 289977 E: design@whitecode.co.uk

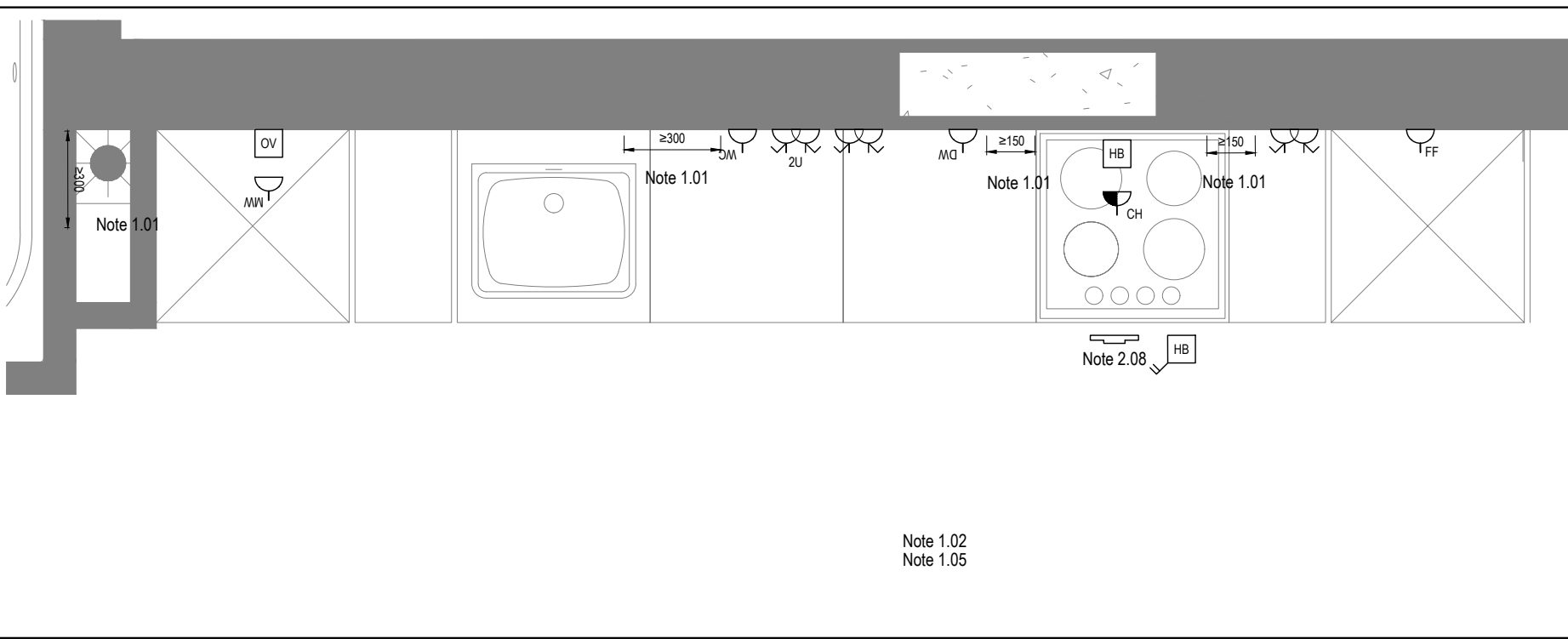
Title:		ELECTRICAL SERVICES LAYOUT	
		FLAT TYPE 11	
Plots:		AS27	
Project:			
HORNSEY TOWN HALL			
Client:		ARDMORE	Rev: AB
Dwg Number:		10687-E-03-A-0011	



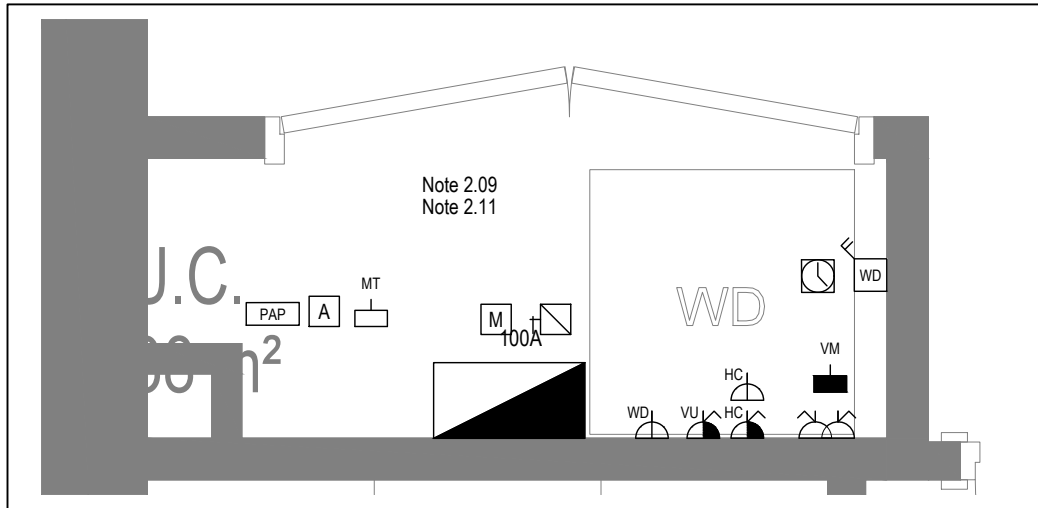
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
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- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.2m of FFI, must be installed at least 500mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shaver sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VLB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point:

- No. Double switched socket outlet.
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Beta box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING No:	REVISION:	REVISION:	DATE RECEIVED:
3596-KDS-BA-XX-DR-A-06-1125	C3		04 01 2022

AB	14.11.2022	AS BUILT	IV	JM
C4	02.11.2021	Updated secondary tv points in bedrooms	ZM	JM
C3	21.05.2021	Thermostats updated. Same sockets added	IV	JM
C2	03.03.2021	Sockets and towel rail switches updated	IV	JM
C1	11.09.2020	Construction Issue	CDS	JM
P1	07.03.2020	Preliminary Issue	ZM	JC

Rev	Date	Description	Scale	Size	Drawn	Chkd
			1:50	A1		

Current purpose:	AS BUILT	Scale:	1:50	Size:	A1
Original Issue Date:	07.03.2020	Drawn:	ZM	Chkd:	JC

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Title: ELECTRICAL SERVICES LAYOUT
FLAT TYPE 12
AS28

Plots: AS28

Project: HORNSEY TOWN HALL

Client: ARDMORE

Dwg Number: 10687-E-03-A-0012

Rev: AB

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Electrical Installation Notes

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Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

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2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
WORKING IN:	REVISION:	DATE RECEIVED:	
3596-KDS-BA-XX-DR-A-06-1125	C2	04.01.2021	

AB	14.11.2022	AS BUILT	IV	JM
C4	02.11.2021	Updated secondary TV points in bedrooms	ZM	JM
C3	21.05.2021	Thermostats updated	IV	JM
C2	03.03.2021	Sockets and towel rail switches updated	IV	JM
C1	11.09.2020	Construction Issue	CDS	JM
Rev	Date	Description	Dwn	Chkd
Current purpose:		AS BUILT	Scale: 1:50	Size: A1
Original Issue Date:		11.09.2020	Dwn: CDS	Chkd: JM

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Title: ELECTRICAL SERVICES LAYOUT

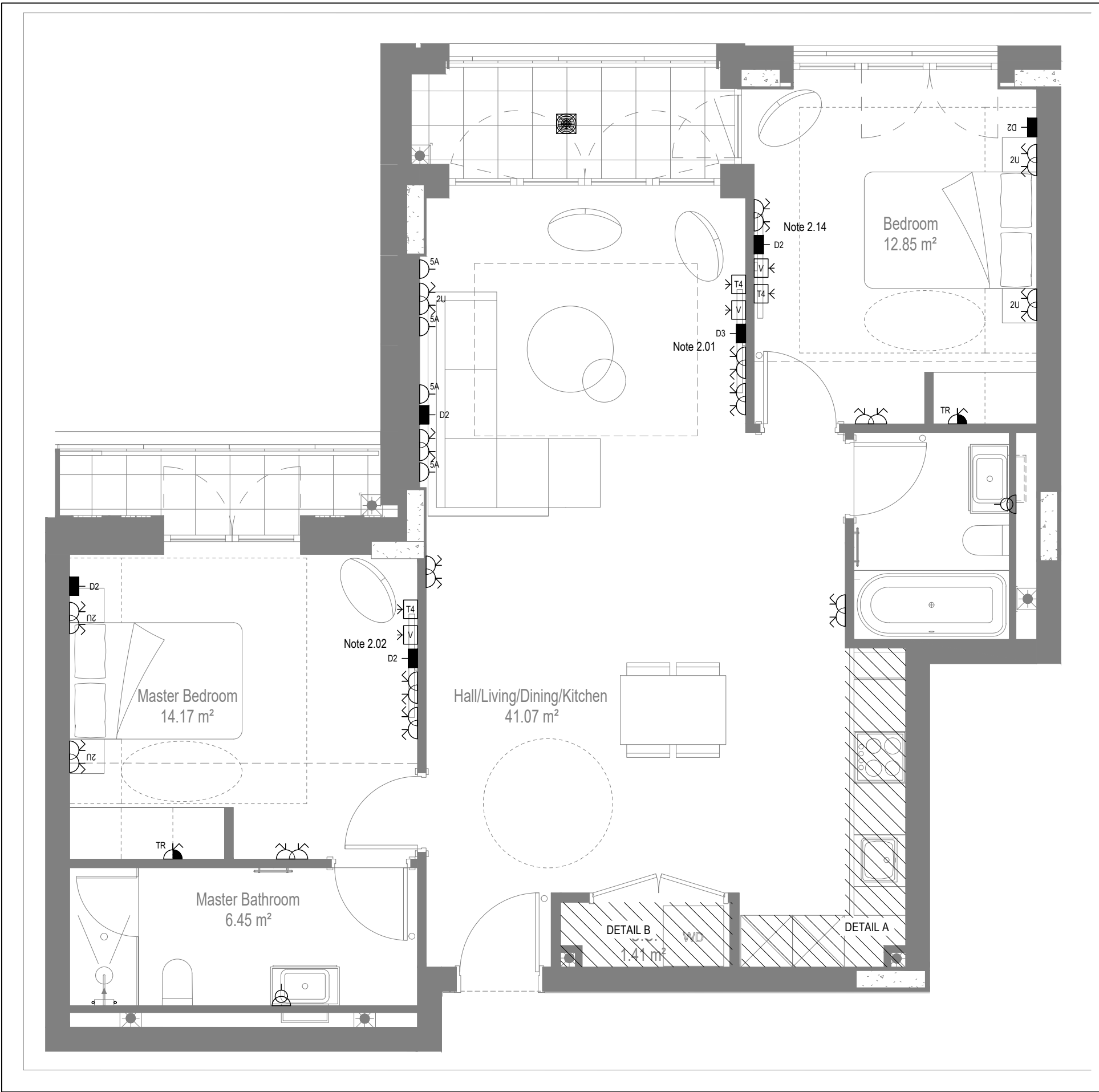
Plots: AS35

Project: HORNSEY TOWN HALL

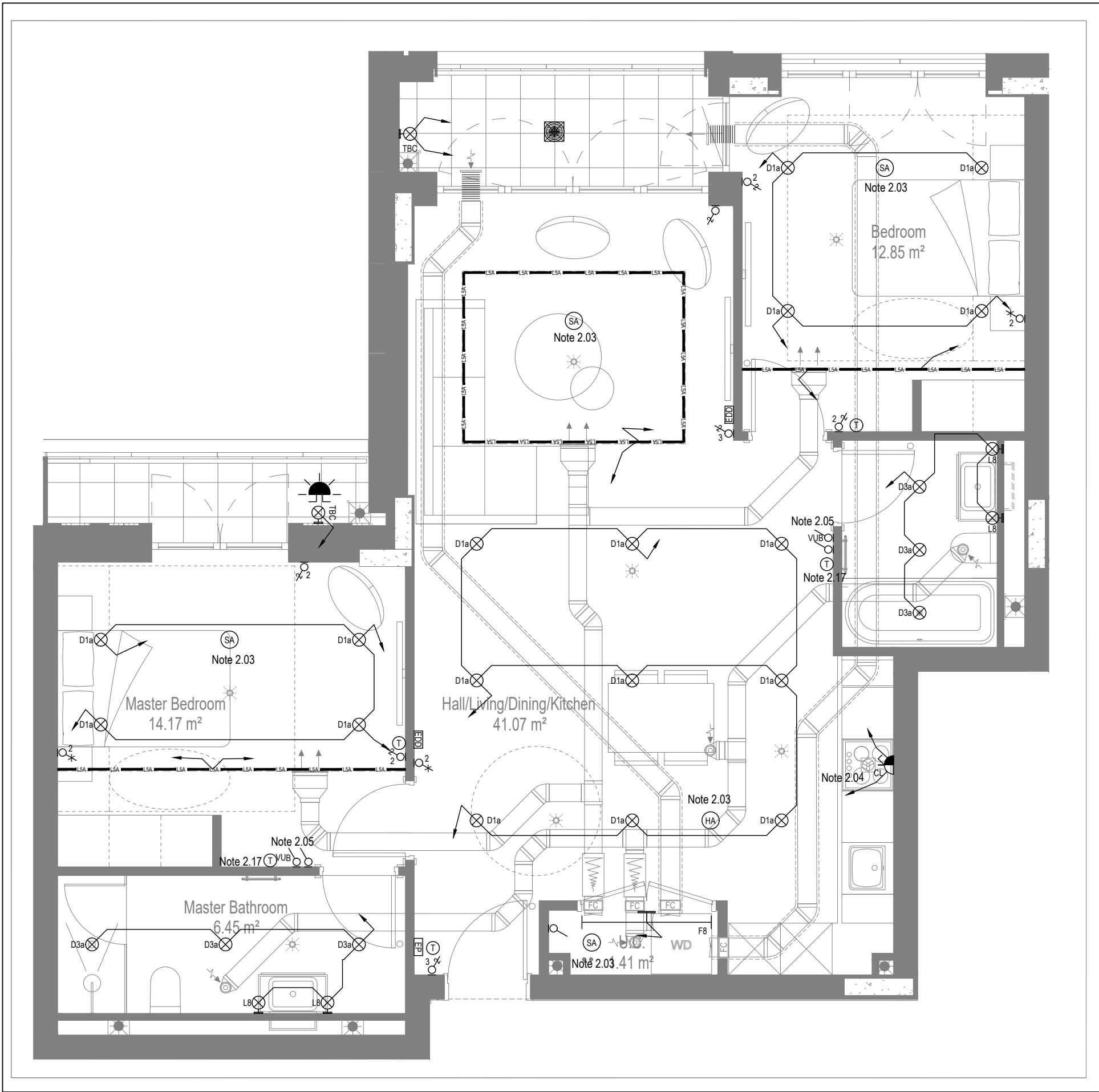
Client: ARDMORE

Rev: AB

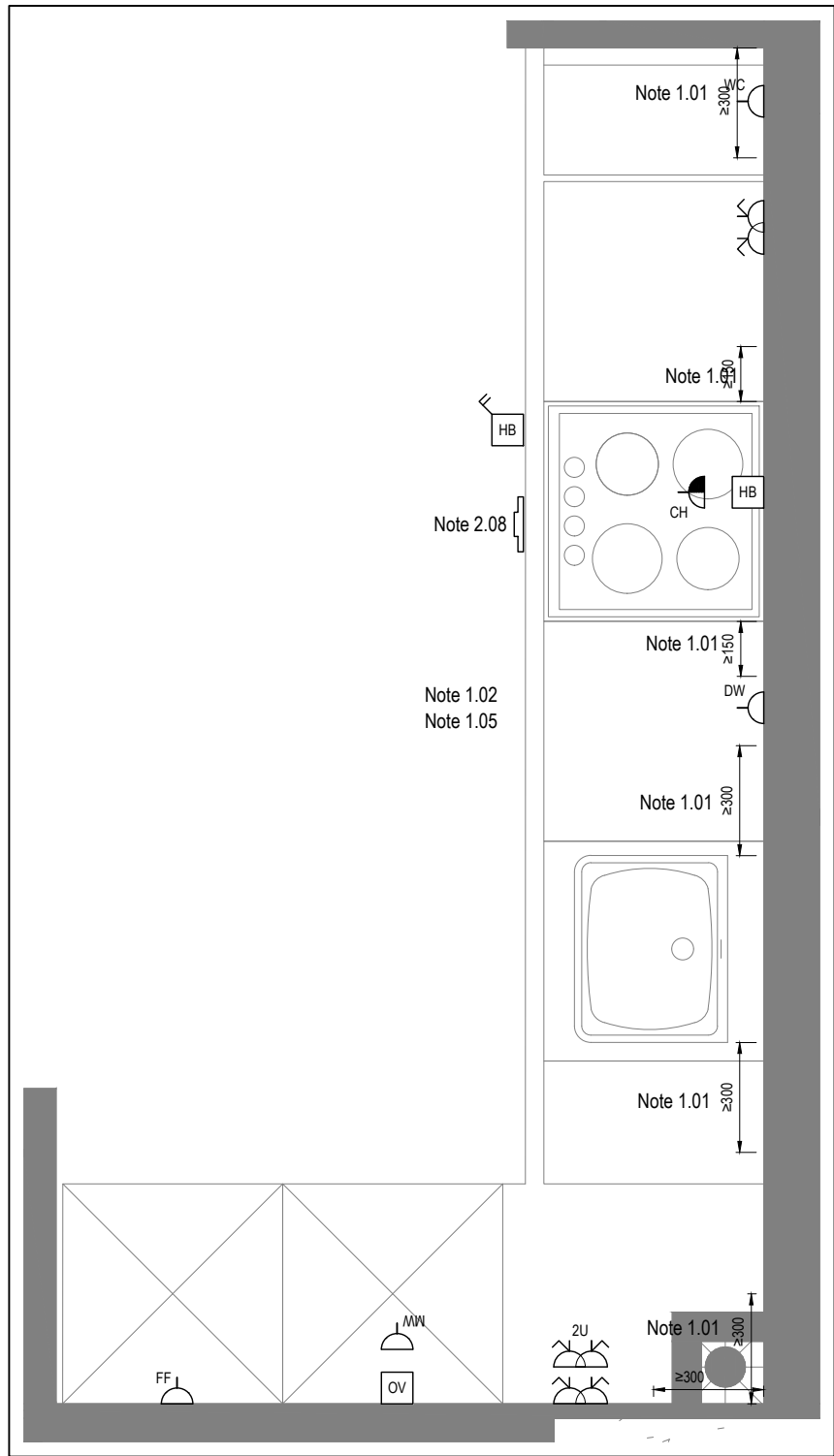
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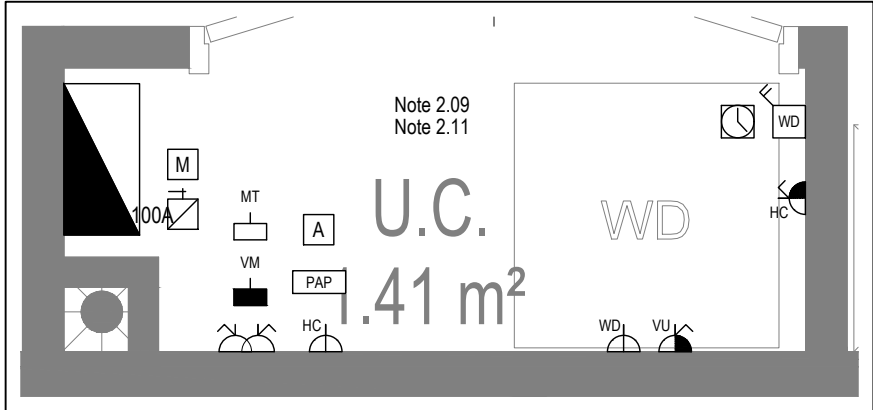
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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Electrical Installation Notes

1.01

All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02

The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03

All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04

All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05

Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01

Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02

Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03

Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04

Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05

2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06

Provision for pendant lighting. Final specification of luminaire by others

2.07

All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08

8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09

All consumer units to be fitted with surge supplement modules.

2.10

Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11

For locations and setting out details of services, refer to typical cupboard drawing.

2.12

All towel rails shall have separate timers and controls located in the MEP cupboard

2.13

Architect to confirm the position of the towel rail.

2.14

Secondary bedroom TV Point:

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15

Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16

Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17

Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER:

KDS ARCHITECTS

DRAWING NO:

3596-KDS-BA-XX-DR-A-06-1120

REVISION:

C1

DATE RECEIVED:

04.01.2021

AB

14.11.2022

AS BUILT

IV

JM

C3

02.11.2021

Updated secondary TV points in bedrooms

ZM

JM

C2

21.05.2021

Thermostats updated. 5 amp sockets added. Balcony lighting updated.

IV

JM

C1

03.03.2021

Construction Issue

MJ

JC

PI

13.02.2020

Preliminary Issue

MJ

JC

Rev

Date

Description

Drawn

Chkd

Current purpose:

AS BUILT

Scale:

1:50

Size:

A1

Original Issue Date:

13.02.2020

Drawn:

MJ

Chkd:

JC

W

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Title:

ELECTRICAL SERVICES LAYOUT

Plots:

AS36

Project:

HORNSEY TOWN HALL

Client:

ARDMORE

Dwg Number:

10687-E-03-A-0014

Rev:

AB

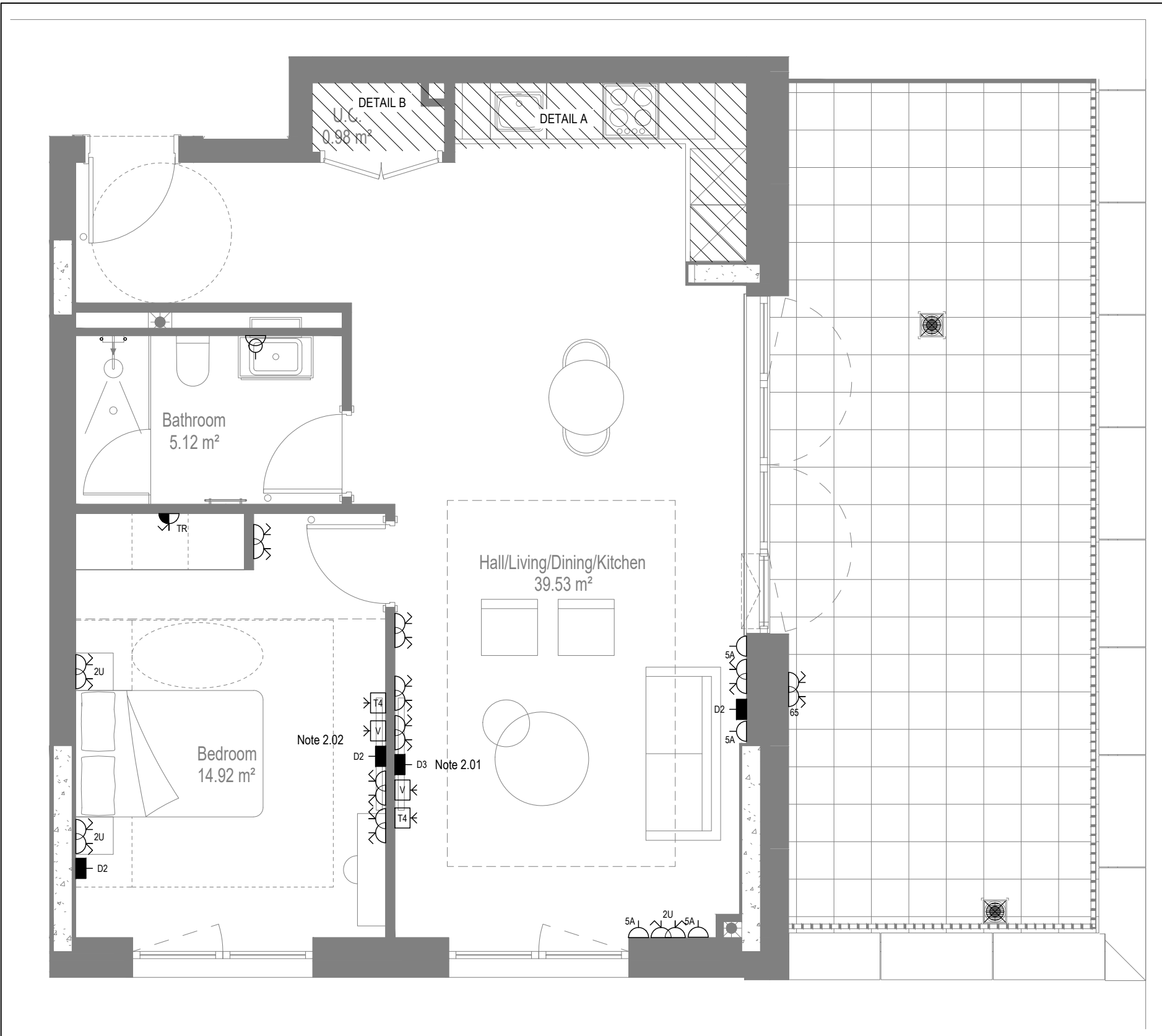
LOW LEVEL SERVICES LAYOUT

MID/HIGH LEVEL SERVICES LAYOUT

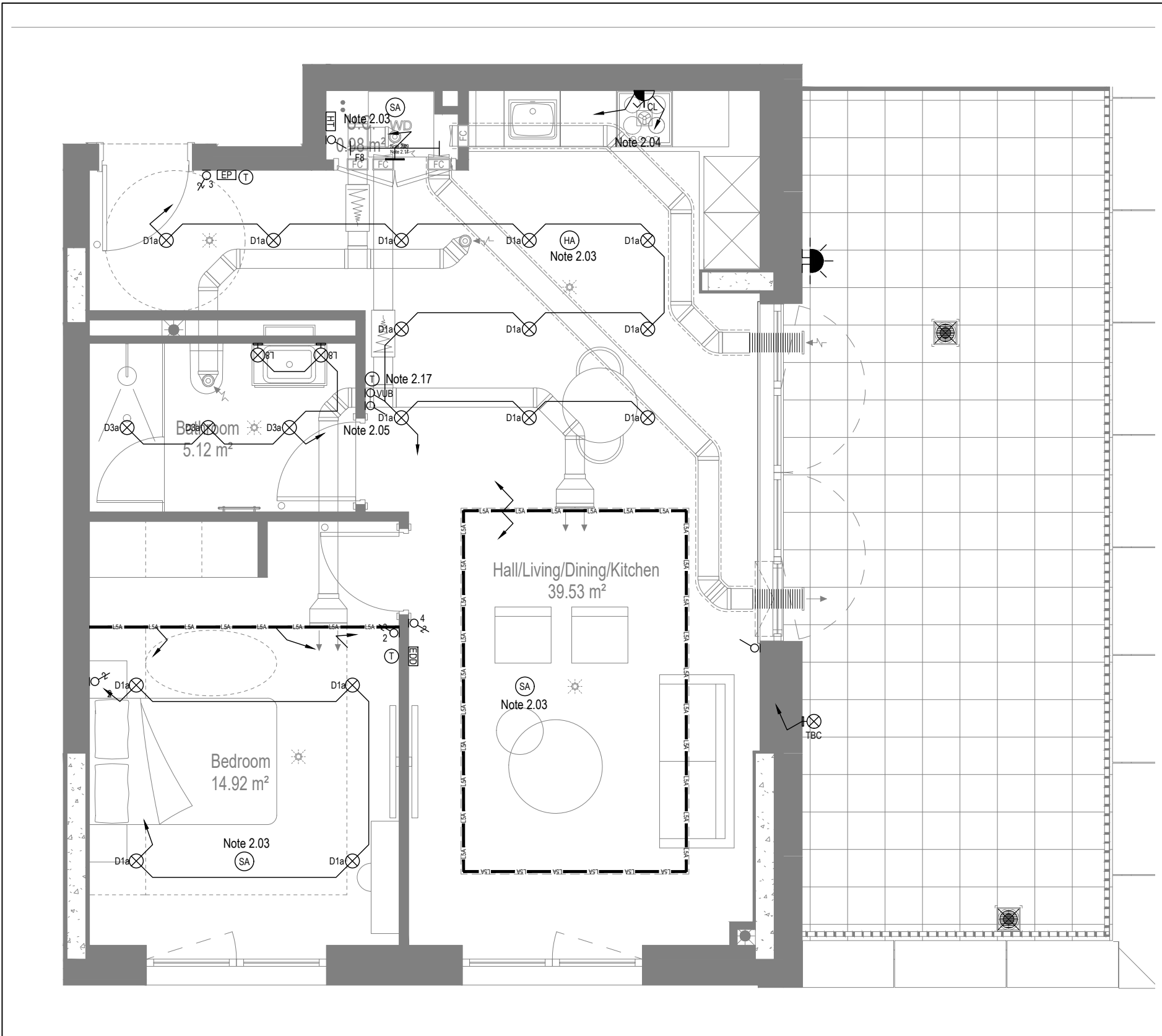
DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20

DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

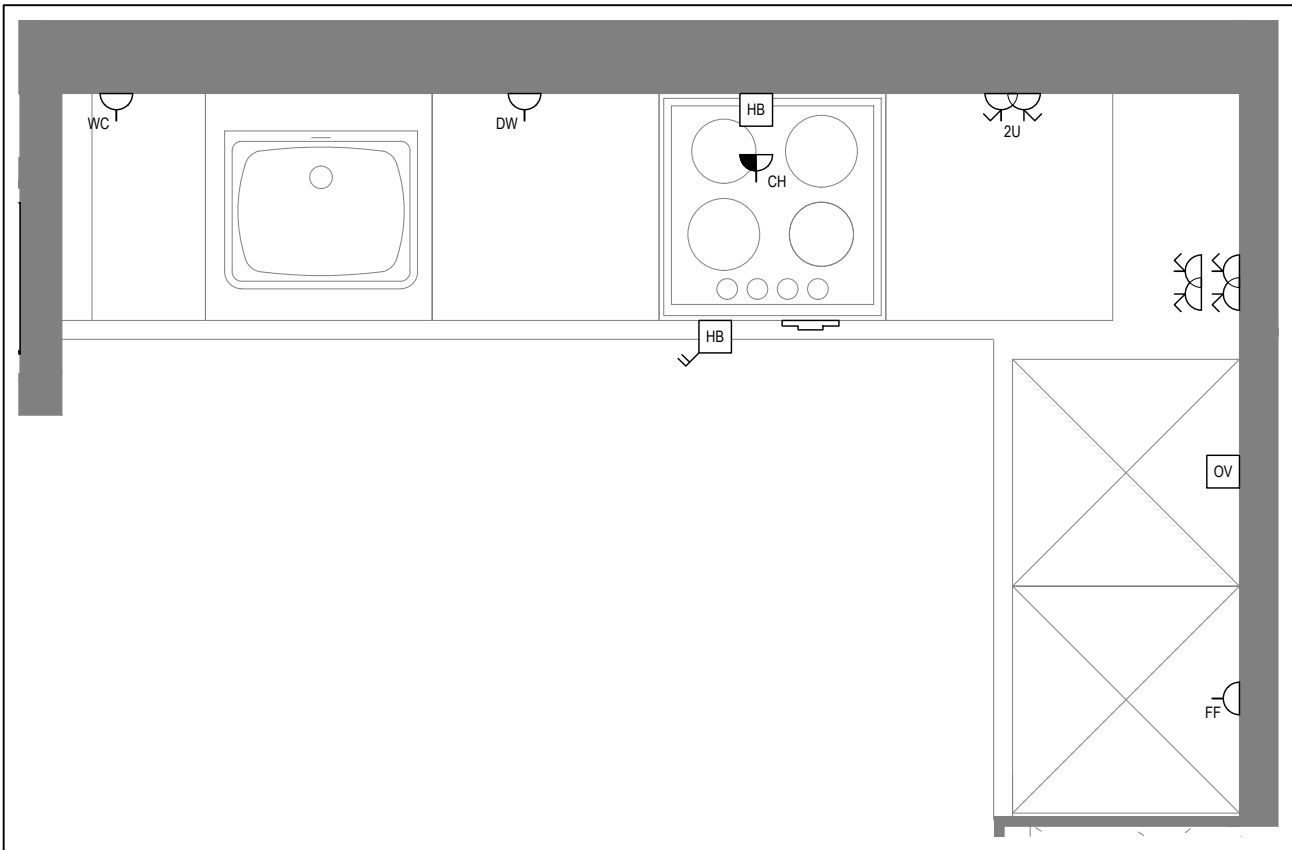
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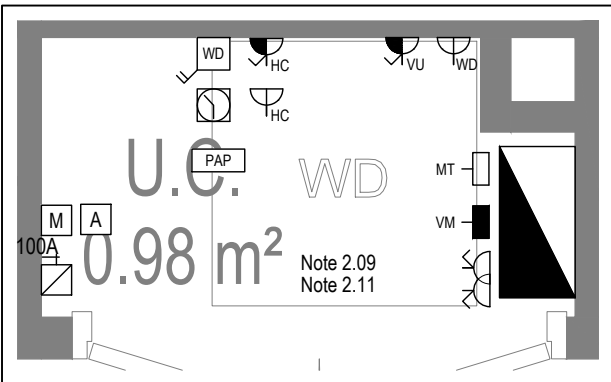
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



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SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
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1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

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- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

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- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

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2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

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2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point:

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING NO:	REVISION:	REVISION:	DATE RECEIVED:
3596-KDS-BA-XX-DR-A-06-1125	C2		04.01.2021

Rev	Date	Description	Scale	Size	Drawn	Chkd
AB	14.11.2022	AS BUILT	1:50	A1	IV	JM
C4	02.11.2021	Updated secondary tv points in bedrooms			ZM	JM
C3	21.05.2021	Thermostats updated. Same sockets added			IV	JM
C2	03.03.2021	Sockets and towel rail switches updated			IV	JM
C1	11.09.2020	Construction Issue			TN	JM
P1	13.02.2020	Preliminary Issue			MJ	JC

Rev	Date	Description	Scale	Size	Drawn	Chkd
Current purpose:	AS BUILT	Scale: 1:50	Size: A1			
Original Issue Date:	13.02.2020	Drawn: MJ	Chkd: JC			

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Kent, DA11 9EU
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T: 01322 289977 E: design@whitecode.co.uk

Title:

ELECTRICAL SERVICES LAYOUT

Plots:

AS37

Project:

HORNSEY TOWN HALL

Client:

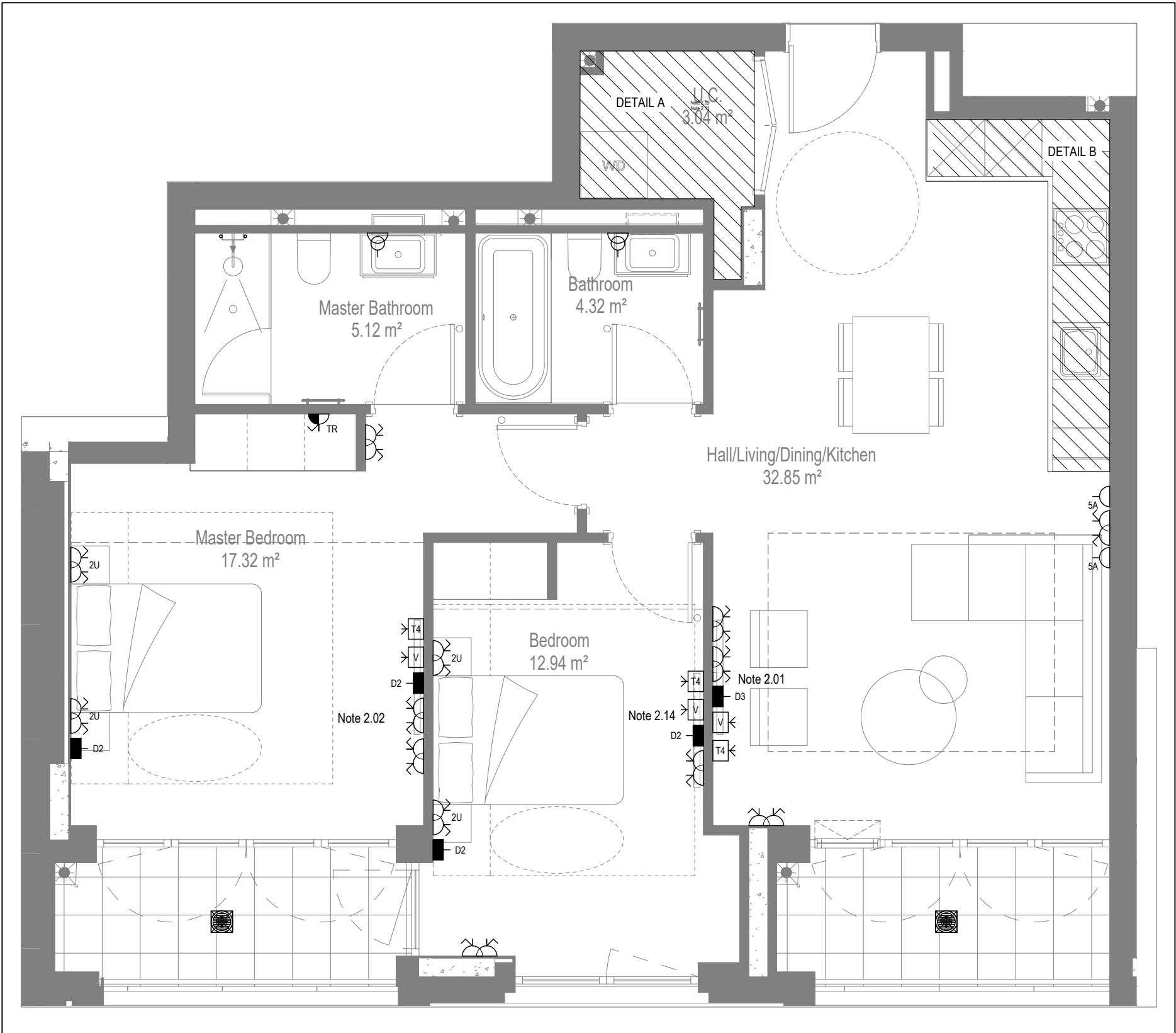
ARDMORE

Dwg Number:

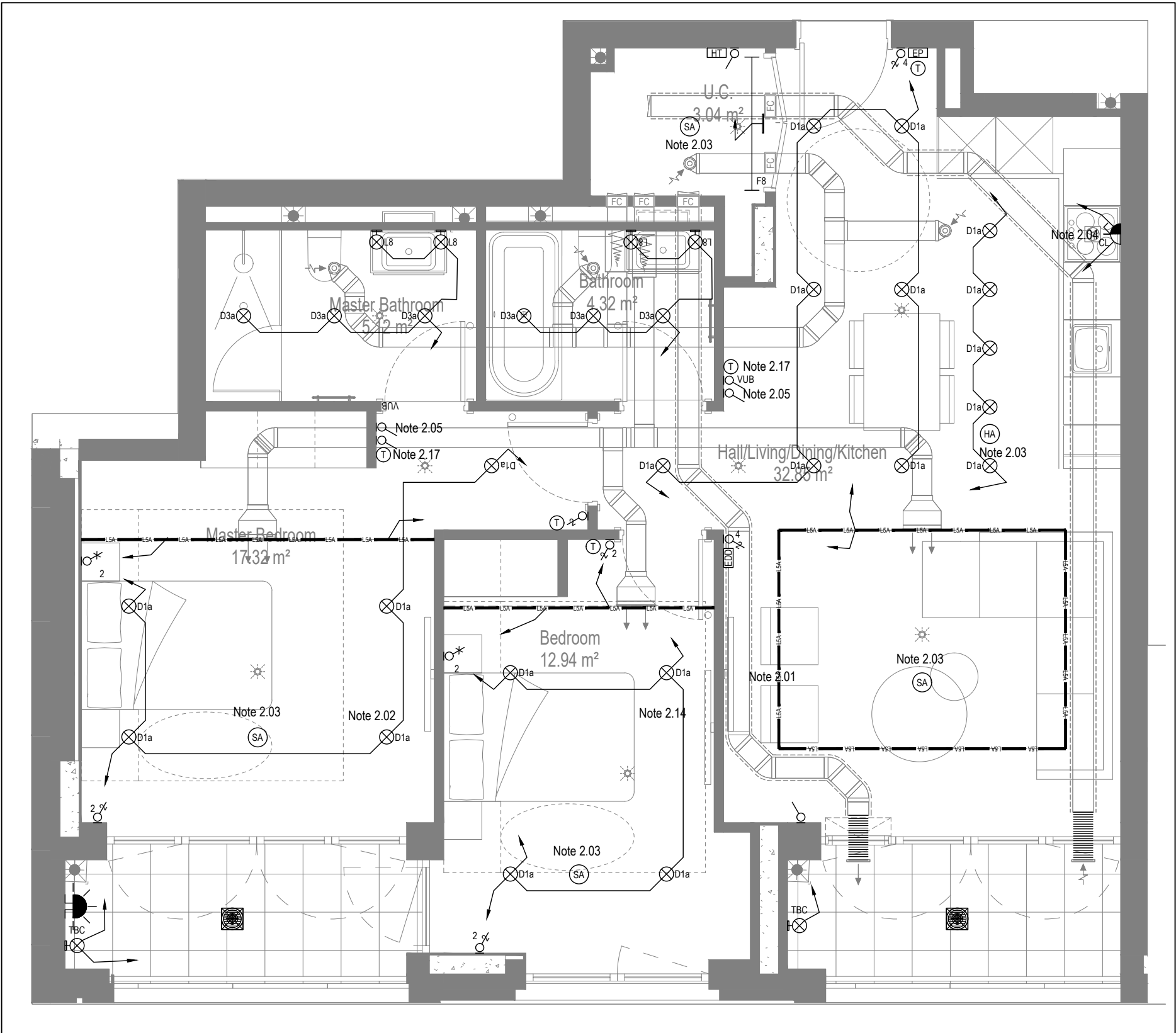
10687-E-03-A-0015

Rev:

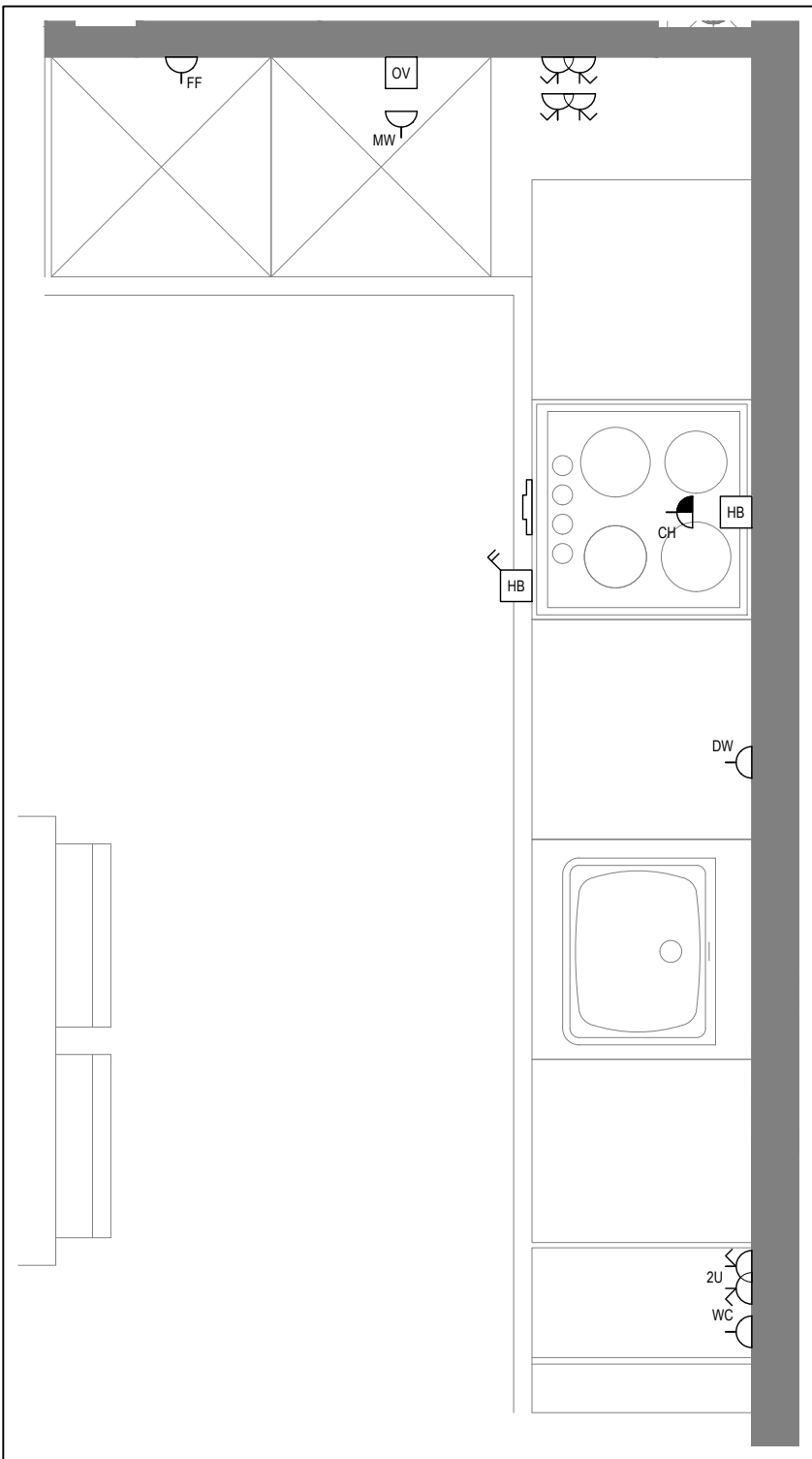
AB



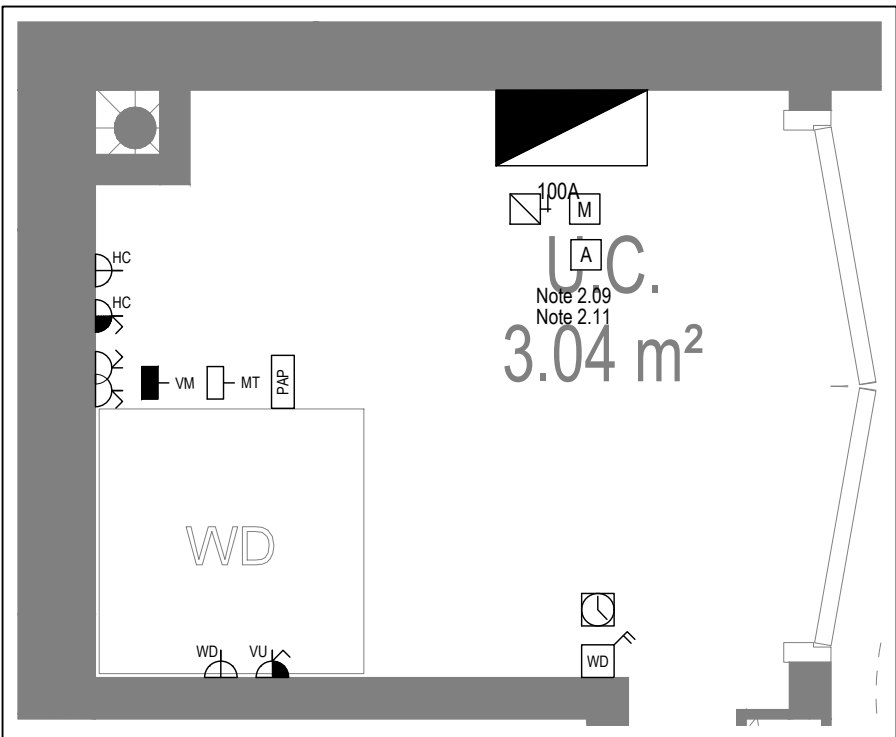
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

- All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.
- The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
- All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.
- All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.
- Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

- Main television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 3No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- Master bedroom television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.
- Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
- 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.
- Provision for pendant lighting. Final specification of luminaire by others
- All switches to be mounted on single faceplate with label warning of multiple circuits.
- 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-
 - Cooker hood
 - Dishwasher
 - Fridge/freezer
 - Oven
 - Wine Cooler
 - Microwave (Combi microwave where applicable)
 - VUB
- All consumer units to be fitted with surge supplement modules.
- Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
- For locations and setting out details of services, refer to typical cupboard drawing.
- All towel rails shall have separate timers and controls located in the MEP cupboard
- Architect to confirm the position of the towel rail.
- Secondary bedroom TV Point:
 - 1No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 outlet data point
 - Virgin TV outlet
- Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.
- Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
- Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

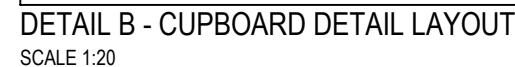
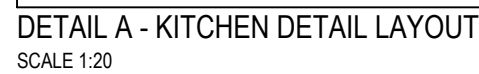
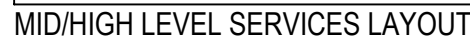
BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING No:	REVISION:	DATE RECEIVED:	
3596-KDS-BA-XX-DR-A-06-1125	C2	04.01.2021	

Rev	Date	Description	Drwn	Chkd
AB	14.11.2022	AS BUILT	IV	JM
C4	02.11.2021	Updated TV points in secondary bedrooms	ZM	JM
C3	21.05.2021	Thermostats updated. Sump sockets added	IV	JM
C2	03.03.2021	Sockets and towel rail switches updated	IV	JM
C1	11.09.2020	Construction Issue	ZM	JM
P1	13.02.2020	Preliminary Issue	MJ	JC

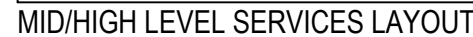
Current purpose:	AS BUILT	Scale:	1:50	Size:	A1
Original Issue Date:	13.02.2020	Drwn:	MJ	Chkd:	JC

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Title:		ELECTRICAL SERVICES LAYOUT	
Plots:		FLAT TYPE 16	
Project:		AS42	
Client:		HORNSEY TOWN HALL	
Dwg Number:		10687-E-03-A-0016	
Rev:		AB	



Dwg Number: 10687-E-03-A-0017	AD
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Title:		ELECTRICAL SERVICES LAYOUT FLAT TYPE 18
Plots:		AS45
Project: HORNSEY TOWN HALL		
Client:	ARDMORE	Rev: AB
Dwg Number:	10687-E-03-A-0018	

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01

All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02

The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03

All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04

All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05

Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01

Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02

Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03

Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04

Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05

2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06

Provision for pendant lighting. Final specification of luminaire by others

2.07

All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08

8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09

All consumer units to be fitted with surge supplement modules.

2.10

Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11

For locations and setting out details of services, refer to typical cupboard drawing.

2.12

All towel rails shall have separate timers and controls located in the MEP cupboard

2.13

Architect to confirm the position of the towel rail.

2.14

Secondary bedroom TV Point:

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15

Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16

Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17

Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER: KDS ARCHITECTS

DRAWING No:	REVISION:	DATE RECEIVED:
3596-KDS-BA-XX-DR-A-06-1126	C1	04 01 2021

AB	14.11.2022	AS BUILT	IV	JM
C4	02.11.2021	Updated TV points in secondary bedrooms	ZM	JM
C3	21.05.2021	Thermostats updated. Sump sockets added	IV	JM
C2	03.03.2021	Sockets and towel rail switches updated	IV	JM
C1	11.09.2020	Construction Issue	TN	JM
PI	13.02.2020	Preliminary Issue	MJ	JC

Rev

Date

Description

Scale: 1:50

Size: A1

Drwn

Chkd

Current purpose:

AS BUILT

Original Issue Date:

13.02.2020

Drwn:

MJ

Chkd:

JC

W

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Kent, DA11 9EU

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Title:

ELECTRICAL SERVICES LAYOUT

Plots:

AS47

Project:

HORNSEY TOWN HALL

Client:

ARDMORE

Dwg Number:

10687-E-03-A-0020

Rev:

AB

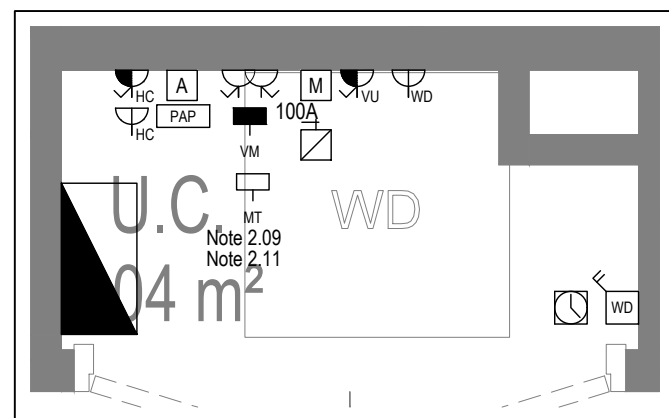
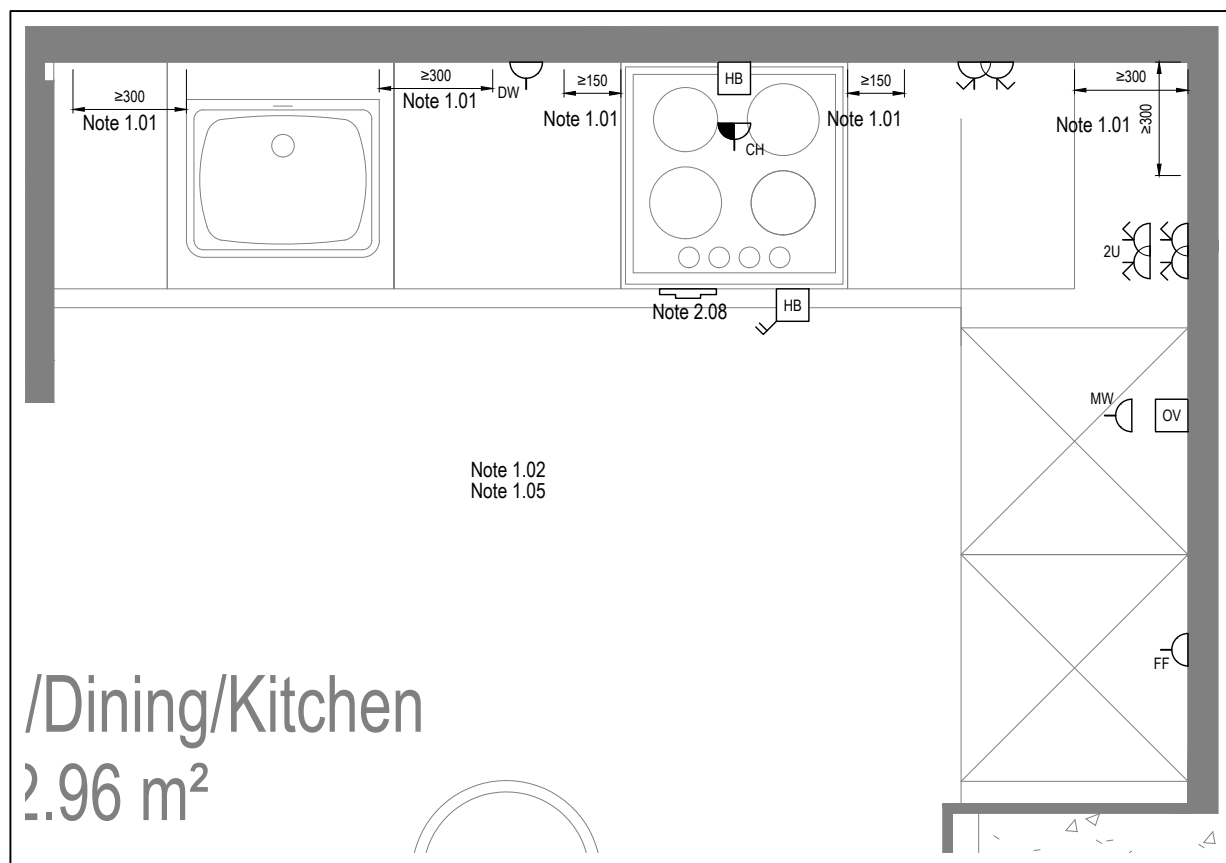
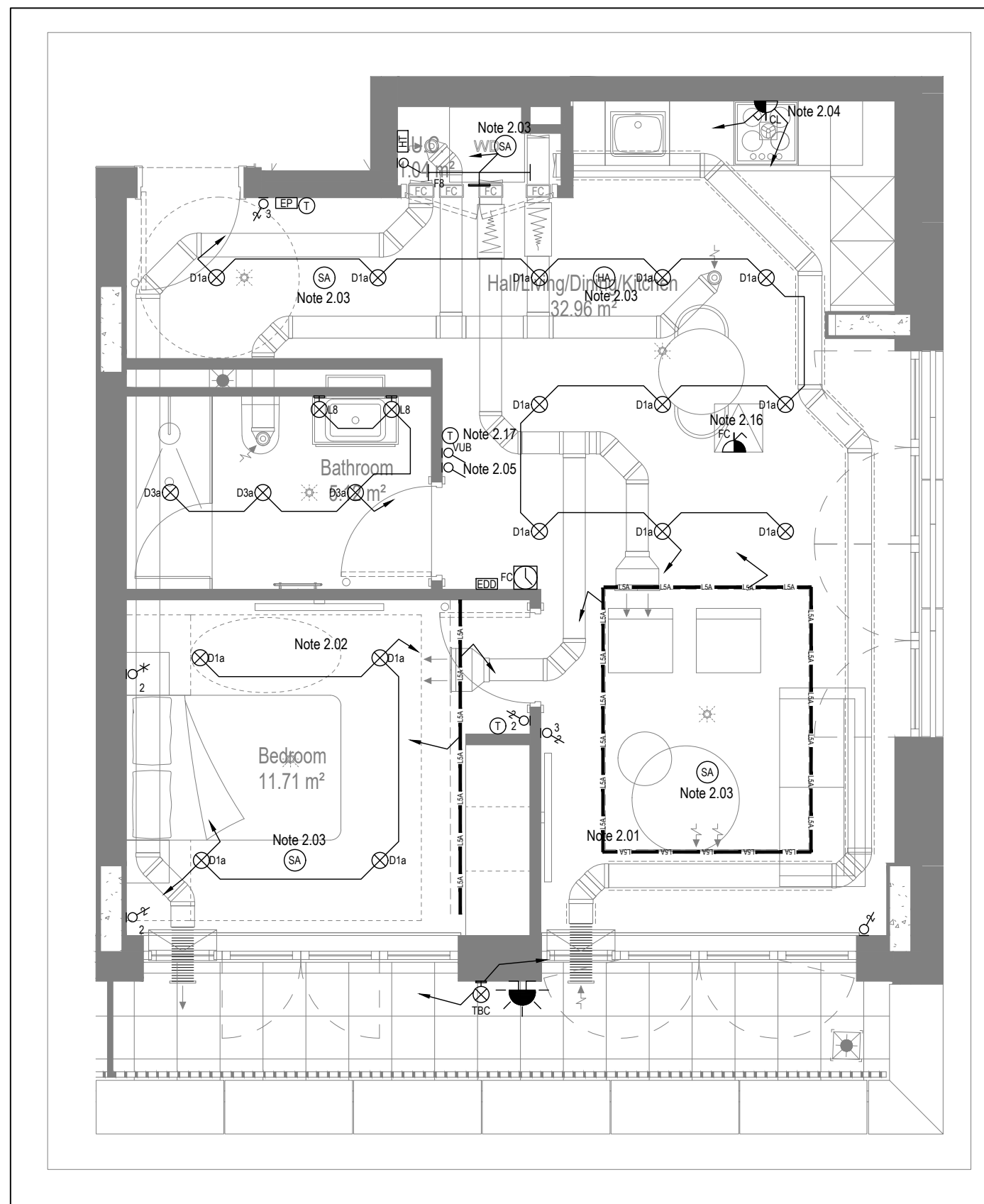
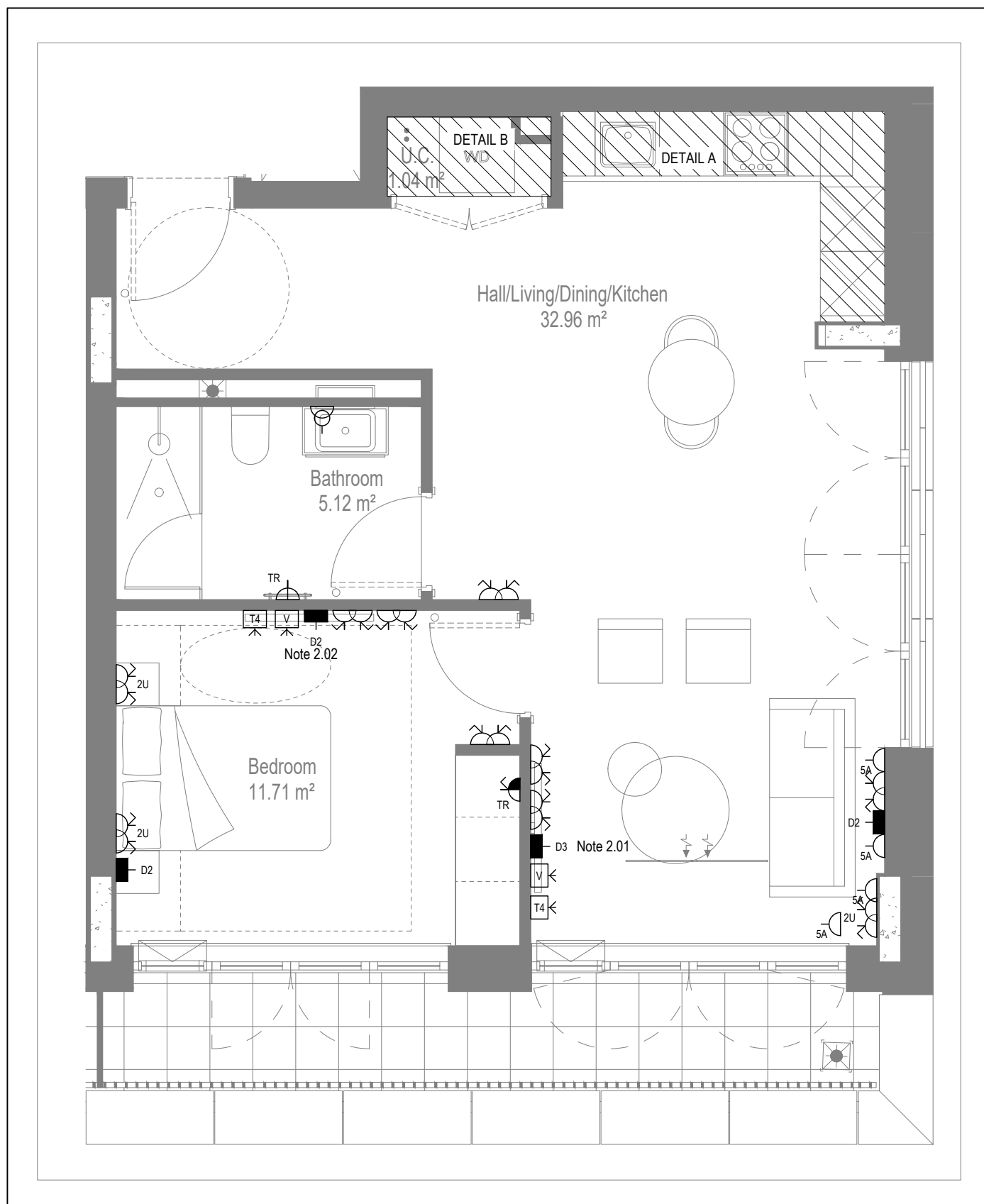
LOW LEVEL SERVICES LAYOUT

MID/HIGH LEVEL SERVICES LAYOUT

DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20

DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

Saved: p:\10687_townsey town hall02_wda design info\01_drawings-3_electrical apartment layouts\book as\outlines built\10687-e-03-a-0020.dwg



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- General Electrical Notes**
- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information. All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- It shall be necessary to read in conjunction with the electrical symbols legends & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, patters/attenuators/polearmers penetrate floors, walls, ceilings or other partitions, they must be suitably fire-stopped in order to achieve the fire resistance of the electrical system, as per section 5272 of BS 7671 and Approved Document B.
- Dimensions setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermal isolation is indicative only. Final position to be determined on site in relation to zoning and apartment orientation. The room Thermalist must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Note:

- 1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from bases and 300mm from sink basin to comply with BS7671.
- 1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
- 1.03 All wiring accessories shown as being installed on party walls must be installed offsite in the adjoining property such that they are not back-to-back on the party wall.
- 1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower. Shower enclosures must be installed at least 600mm from the edge of a bath or shower enclosure. Radiator from basin fronts, or radiators with IPXX protection (zone 1 & 2) or IPXX (zone 0). Shower sockets compliant with BS EN15686 are an exception and can be installed within zone 2.
- 1.05 Grid switch & Holo isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Note:

- 2.01 Main television point comprising the following:
- 2No. Double switched socket outlet
 - Qued coaxial outlet
 - 3No. RJ45 Outlet Data Point
 - Virgin TV outlet
- 2.02 Master bedroom television point comprising the following:
- 2No. Double switched socket outlet
 - Qued coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV outlet
- 2.03 Smoke and fire alarms shall be smoke fed with trickle charged battery backup. All appliances from ceiling shall be interconnected to provide a common alarm upon detection at any one unit. All mains fed and alarm warning must be positioned at least 300mm from any fire or other obstruction. Detector located to apartment entrance shall be fitted or relay base to connect to landlord's fire alarm system.
- 2.04 All ceiling lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
- 2.05 2 gang switch for bathroom light and extract ventilation cover, with label inside the mounting box warning of multiple circuits.
- 2.06 Provision for pendant lighting. Full specification of luminaires by others
- 2.07 All switches to be mounted on single faceplate with label warning of multiple circuits
- 2.08 6 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:
- Cooker hood
 - Dishwasher
 - Fridge/freezer
 - Oven
 - Wine Cooler
 - Microwave (Combi microwave where applicable)
 - VUB
- 2.09 All consumer units to be fitted with surge supplement modules.
- 2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
- 2.11 For locations and setting out details of services, refer to typical cupboard drawing.
- 2.12 All towel rails shall have separate mirrors and controls located in the MEP cupboard
- 2.13 Architect to confirm the position of the towel rail.
- 2.14 Steps below TV Point
- No. Double switched socket outlet
 - Qued coaxial outlet
 - RJ45 outlet data point
 - Virgin TV outlet
- 2.15 Pre-wire for future luminaires within Base box including blank plate, switched as indicated.
- 2.16 Switched fused access unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
- 2.17 All ceiling lighting to be wired to kitchen lighting circuit. Locations of all sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING No:		REVISION:	DATE RECEIVED:
3596-KDS-BA-XX-DR-A-06-1125		C2	04.01.2021

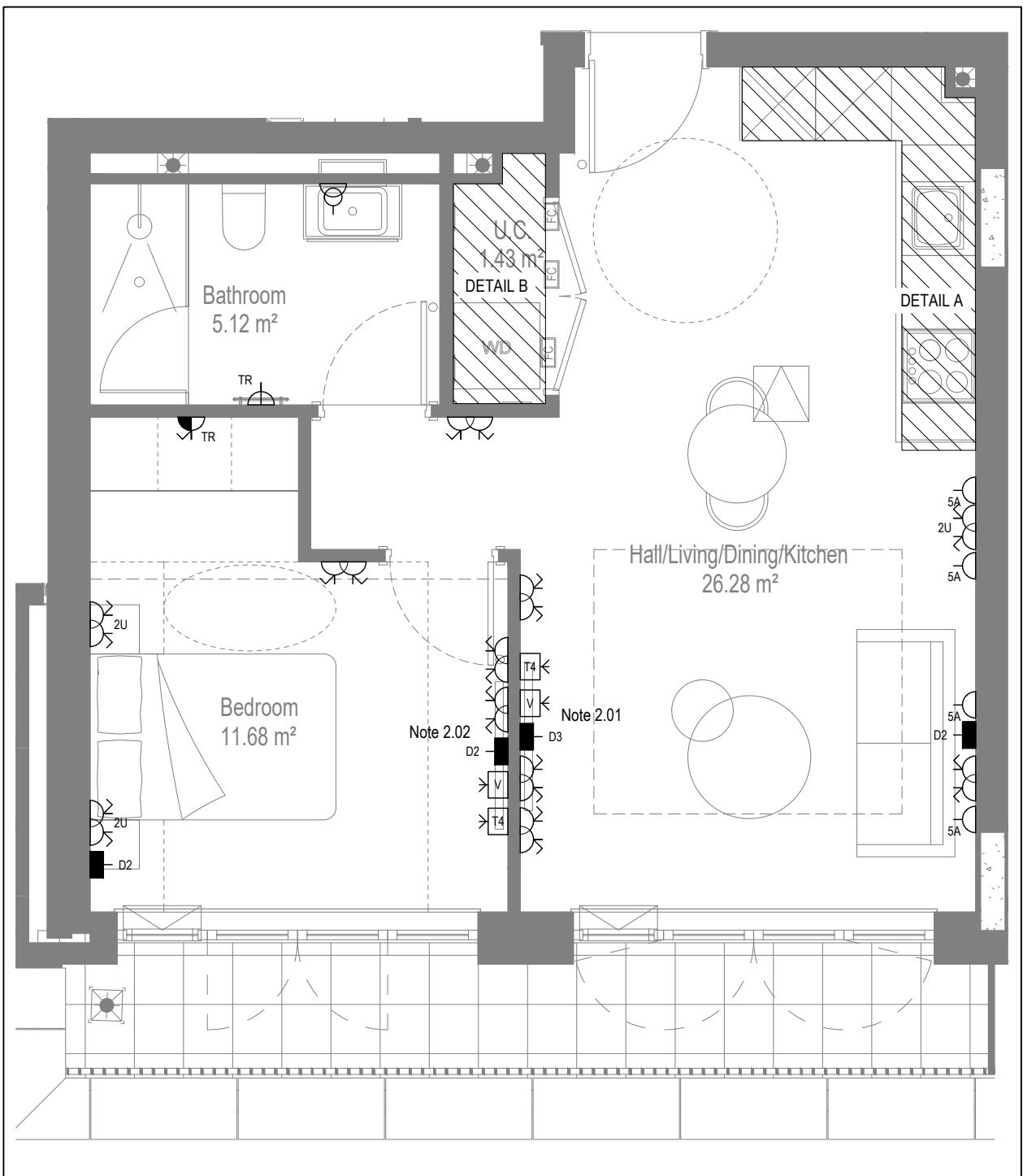
AB	14.11.2022	AS BUILT	IV	JM
C4	02.11.2021	Updated Tv points in secondary bedrooms	ZM	JM
C3	21.05.2021	Thermostats updated, Smpg sockets added.	ZM	JM
C2	03.03.2021	Sockets and towel rail switches updated.	IV	JM
C1	18.09.2020	Construction Issue	TJ	JM
P1	13.02.2020	Preliminary Issue	MJ	JC
Rev	Date	Description	Drwn	Chkd

Current purpose:	AS BUILT	Scale: 1:50	Size: A1
Original Issue Date:	13.02.2020	Drwn: MJ	Chkd: JC

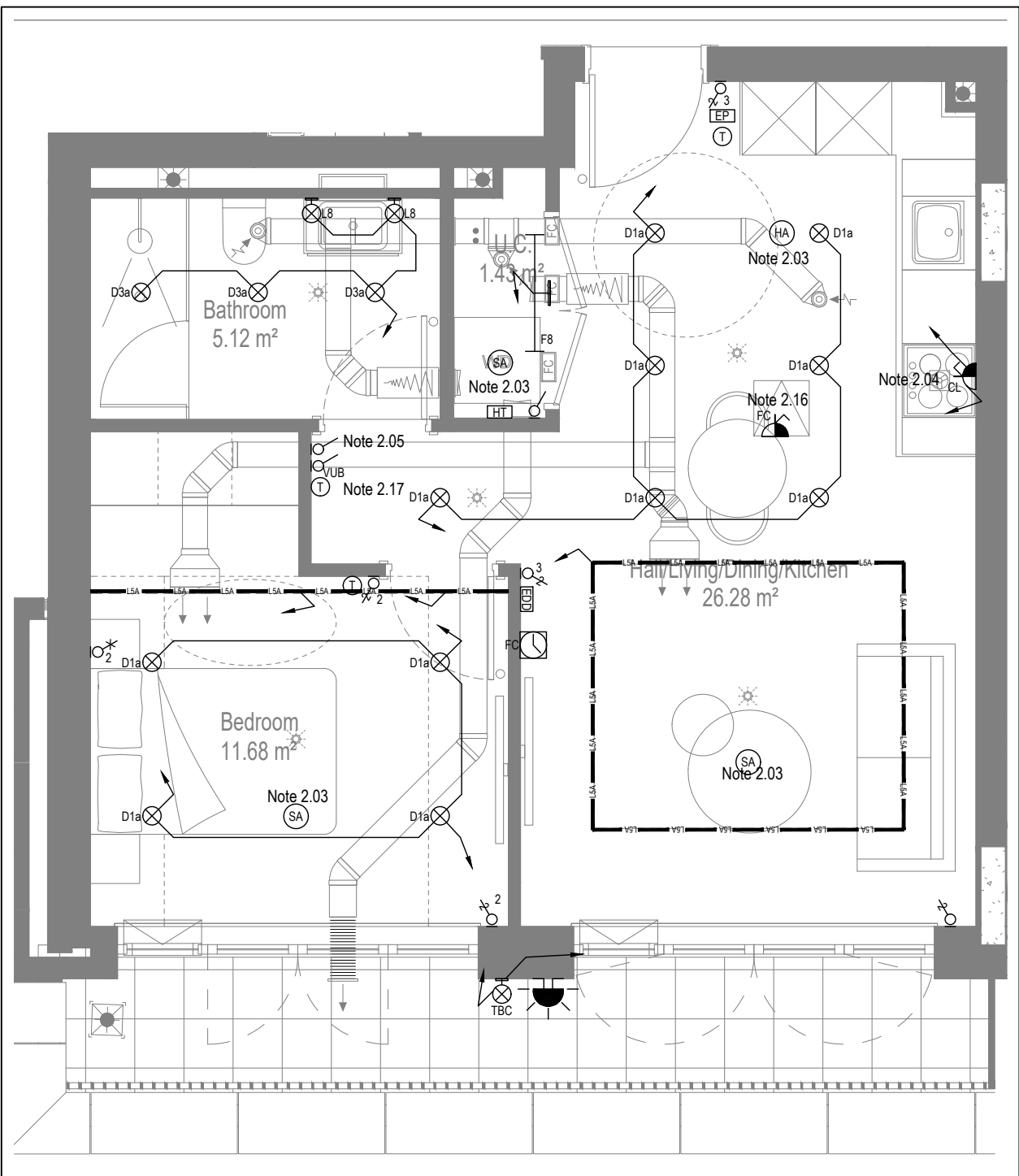
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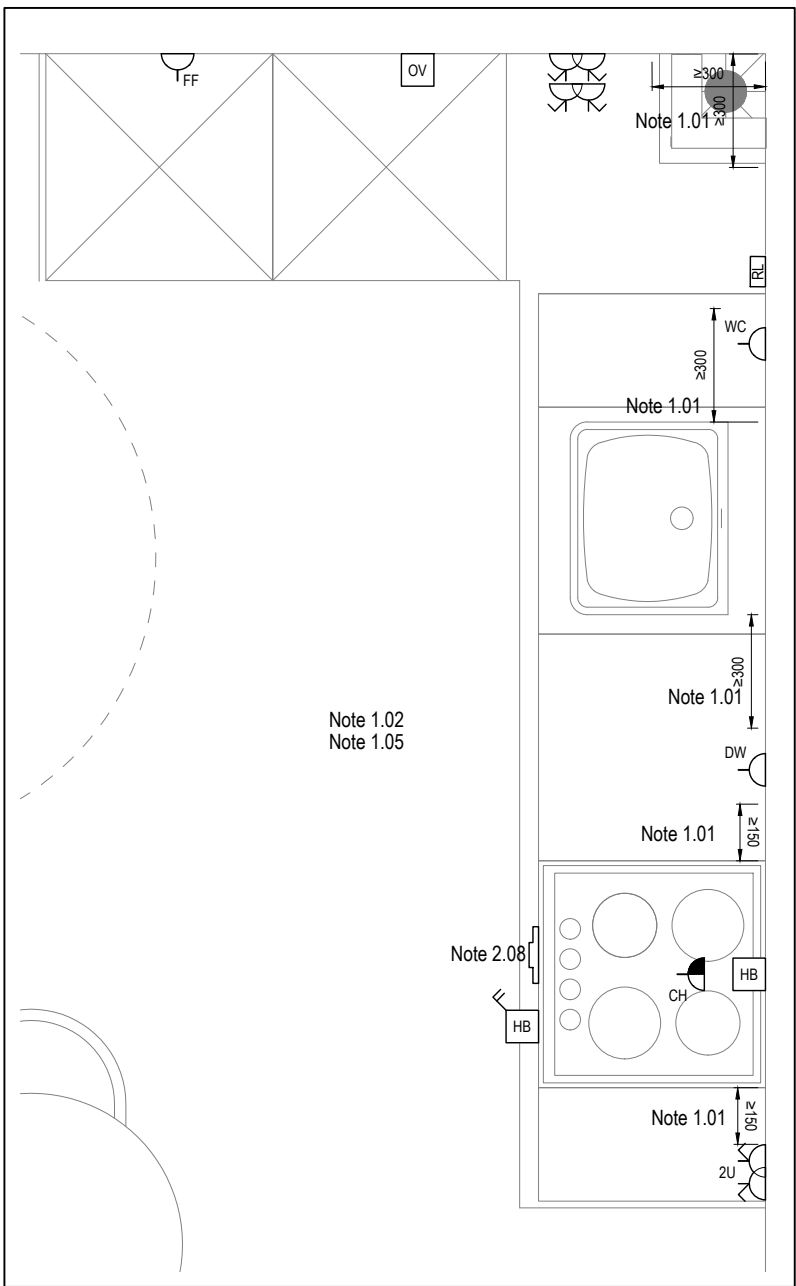
Title:		ELECTRICAL SERVICES LAYOUT FLAT TYPE 21
Plots:		AS48
Project: HORNSEY TOWN HALL		
Client:	ARDMORE	Rev: AB
Dwg Number:	10687-E-03-A-0021	



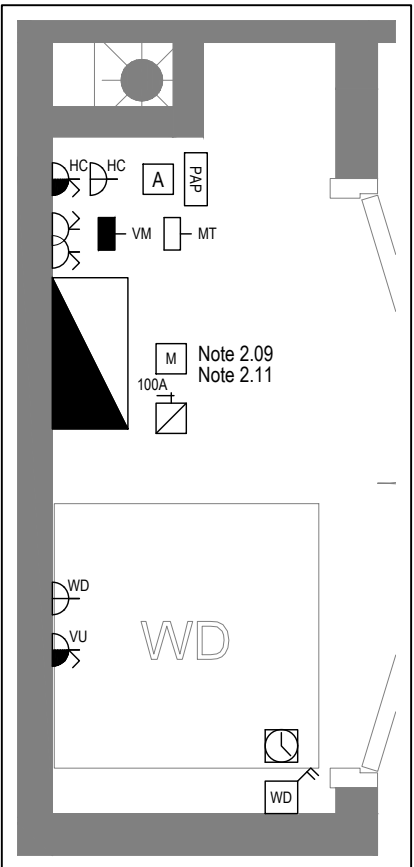
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

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- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 N/A

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedrooms TV point:

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
WORKING No:	3596-KDS-BA-XX-DR-A-06-1128	REVISION:	C1
		DATE REVISION:	04.01.2021

AB	14.11.2022	AS BUILT	IV	JM
C4	02.11.2021	Updated secondary TV points in bedrooms	ZM	JM
C3	21.05.2021	Thermostats updated. Sump sockets added	IV	JM
C2	03.03.2021	Sockets and towel rail switches updated	IV	JM
G1	18.09.2020	Construction issue	TN	JM

Rev	Date	Description	Scale	Size	Dwn	Chkd
			1:50	A1		

Current purpose:	AS BUILT	Scale:	1:50	Size:	A1
Original Issue Date:	18.09.2020	Dwn:	TN	Chkd:	JM

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Title:

ELECTRICAL SERVICES LAYOUT
FLAT TYPE 22
AS49

Plots:

AS49

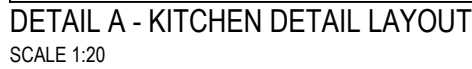
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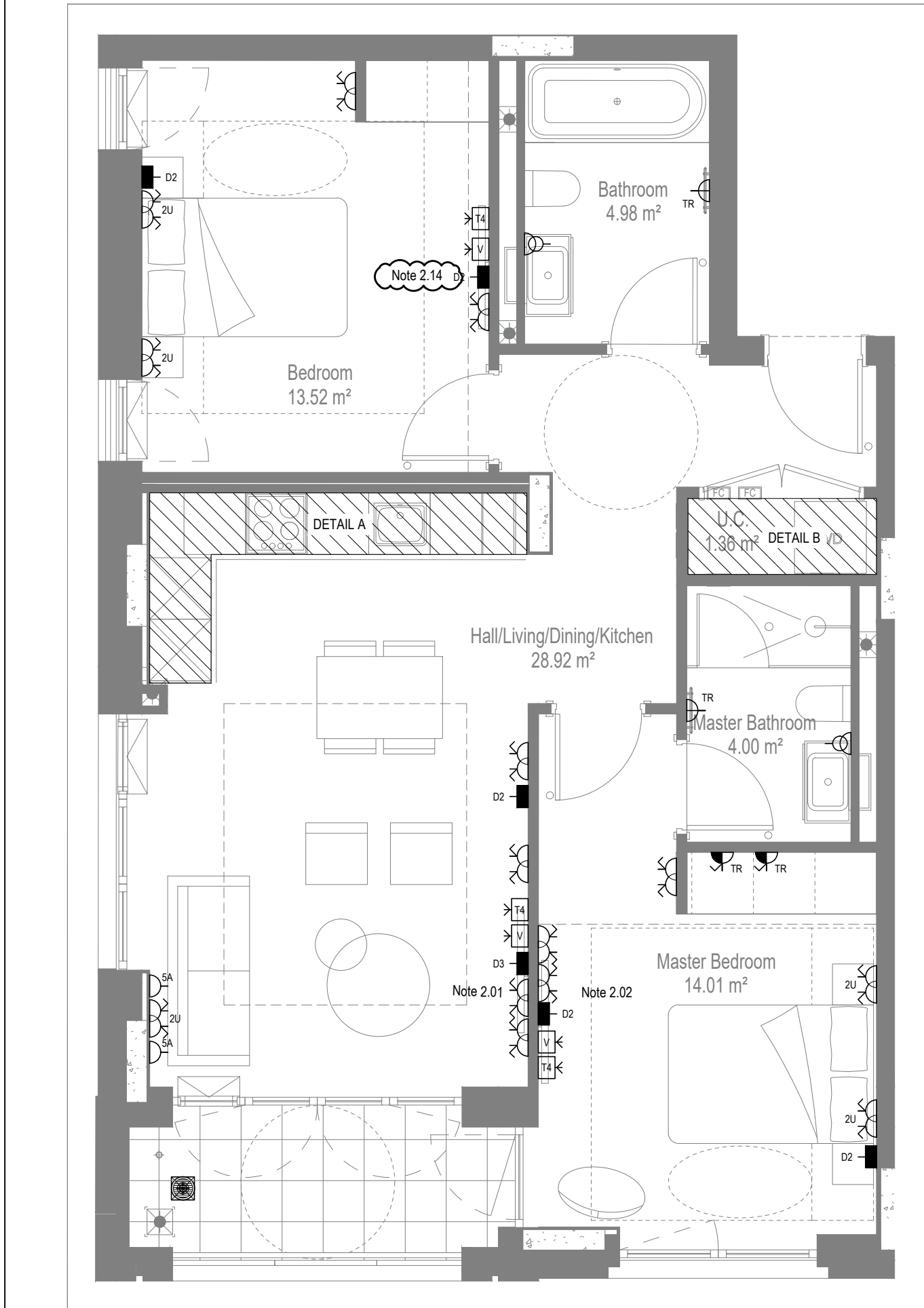
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Client:	ARDMORE	Rev:	AB
Dwg Number:	10687-E-03-A-0022		

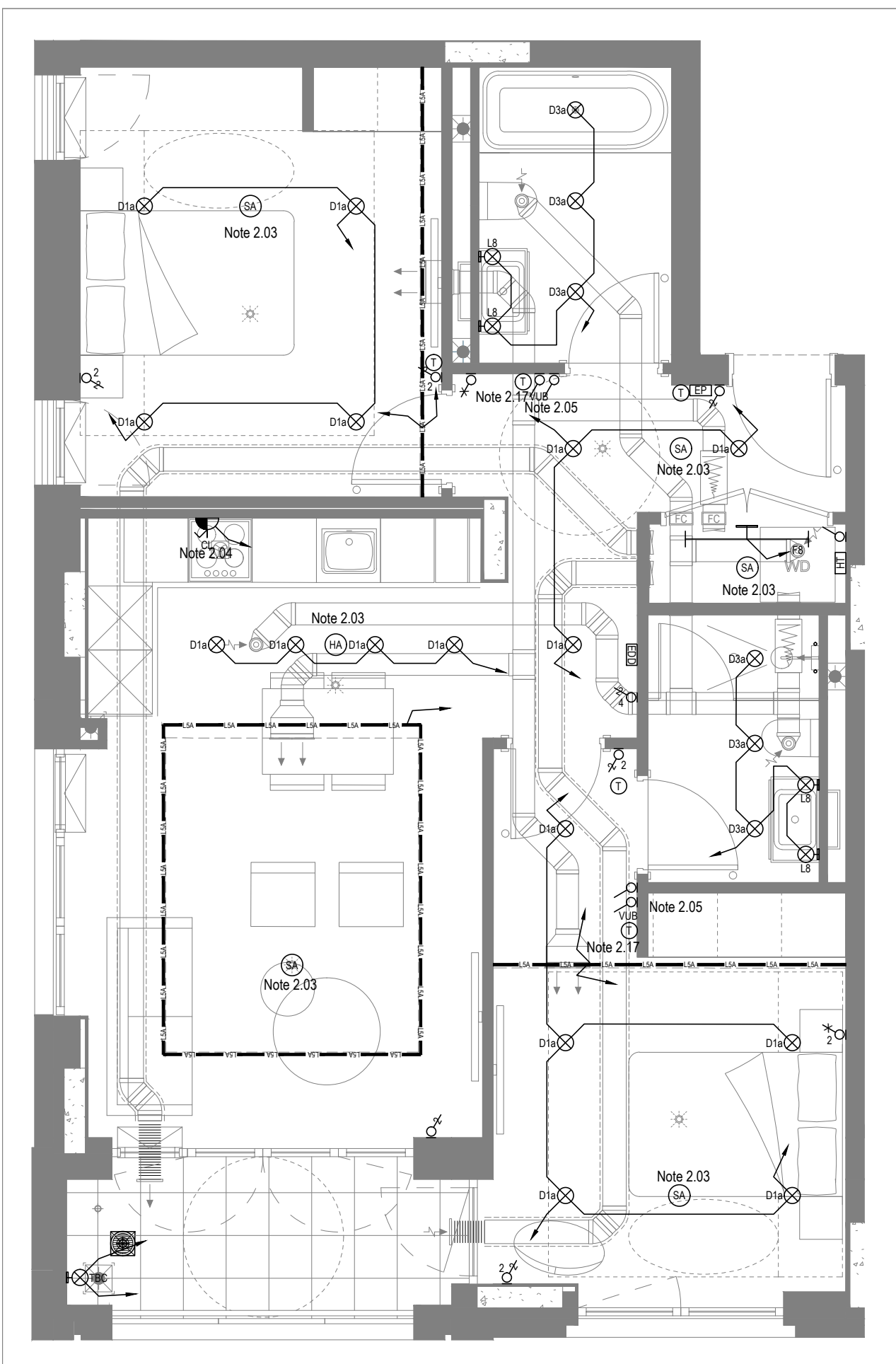


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Client:	ARDMORE	Rev: AB
Dwg Number:	10687-E-03-A-0024(2)	

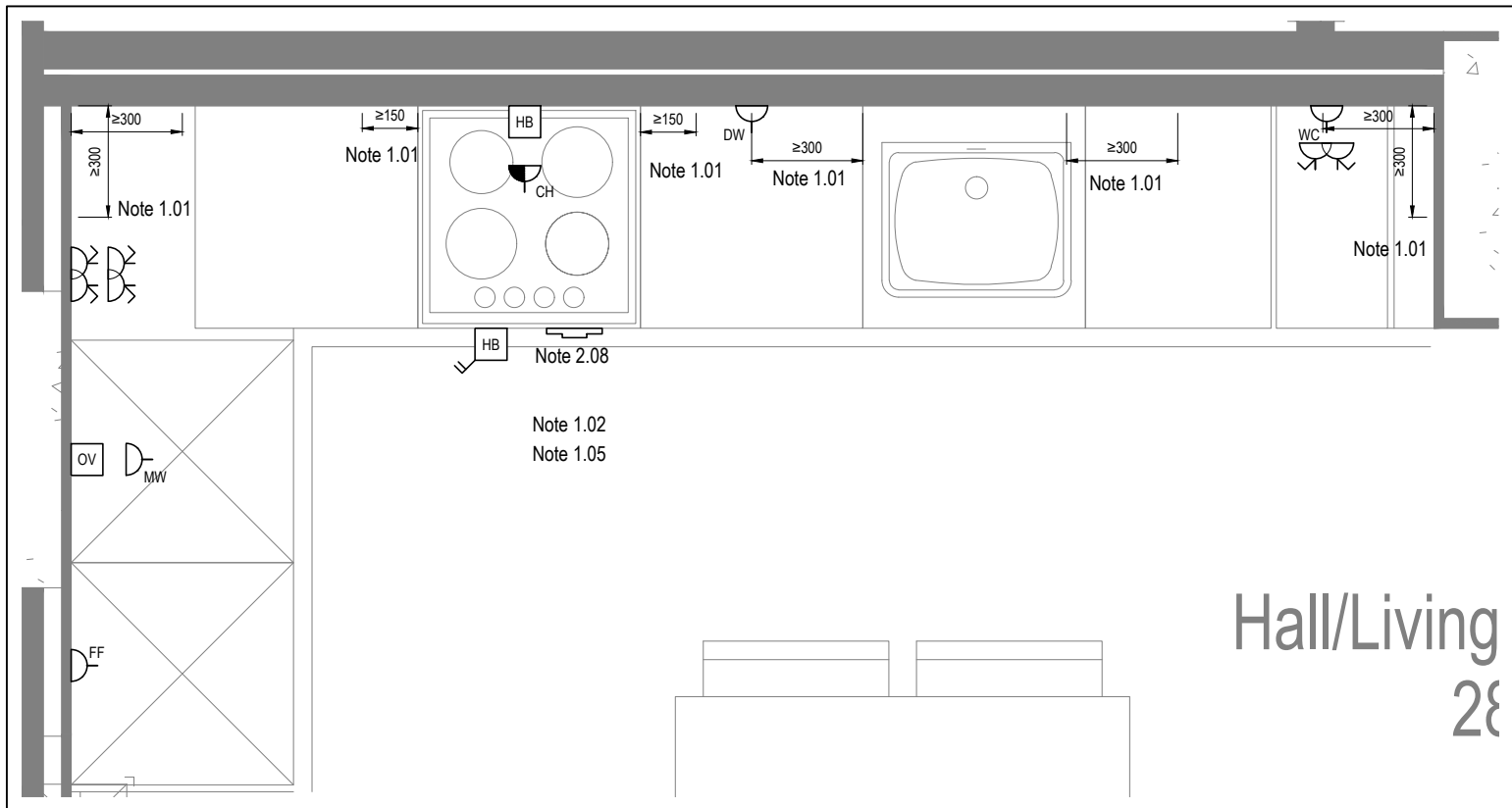




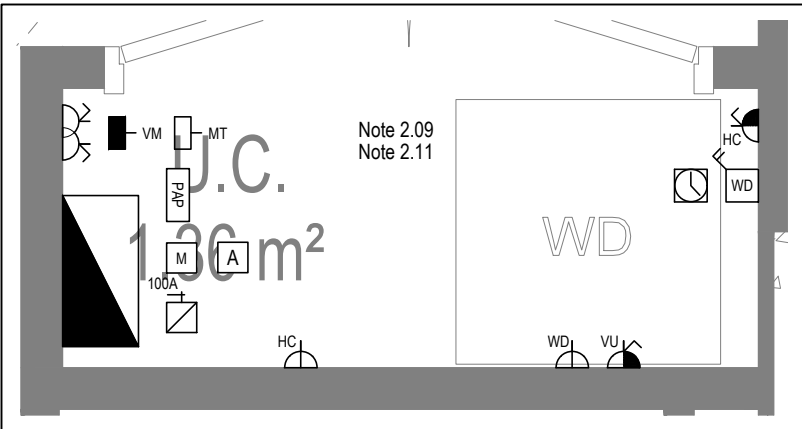
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard.

2.14 **Secondary bedroom TV Point**

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point

2.15 Fit wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

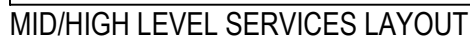
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DRAWING No:	3595-KDS-BA-XX-DA-A-06-1132	REVISION:	C4
		DATE RECEIVED:	04.01.2021

AB	17.11.2022	Updated to as built	LMS	JM
C7	02.11.2021	Updated notes for secondary bedrooms	ZM	JM
C6	11.05.2021	Balcony lights updated.	IV	JM
C5	30.04.2021	Wardrobe lighting removed. Fire alarm soulder removed from balcony.	IV	JM
C4	27.04.2021	Thermostats updated. Sump sockets added.	DP	JM
C3	21.04.2021	Thermostats for under floor heating added	IV	JM
C2	11.01.2021	Sockets and towel rail switches updated.	IV	JM
C1	11.09.2020	Construction issue	CDS	JM
P1	23.03.2020	Preliminary issue	MJ	JM
Rev	Date	Description	Dwn	Chkd

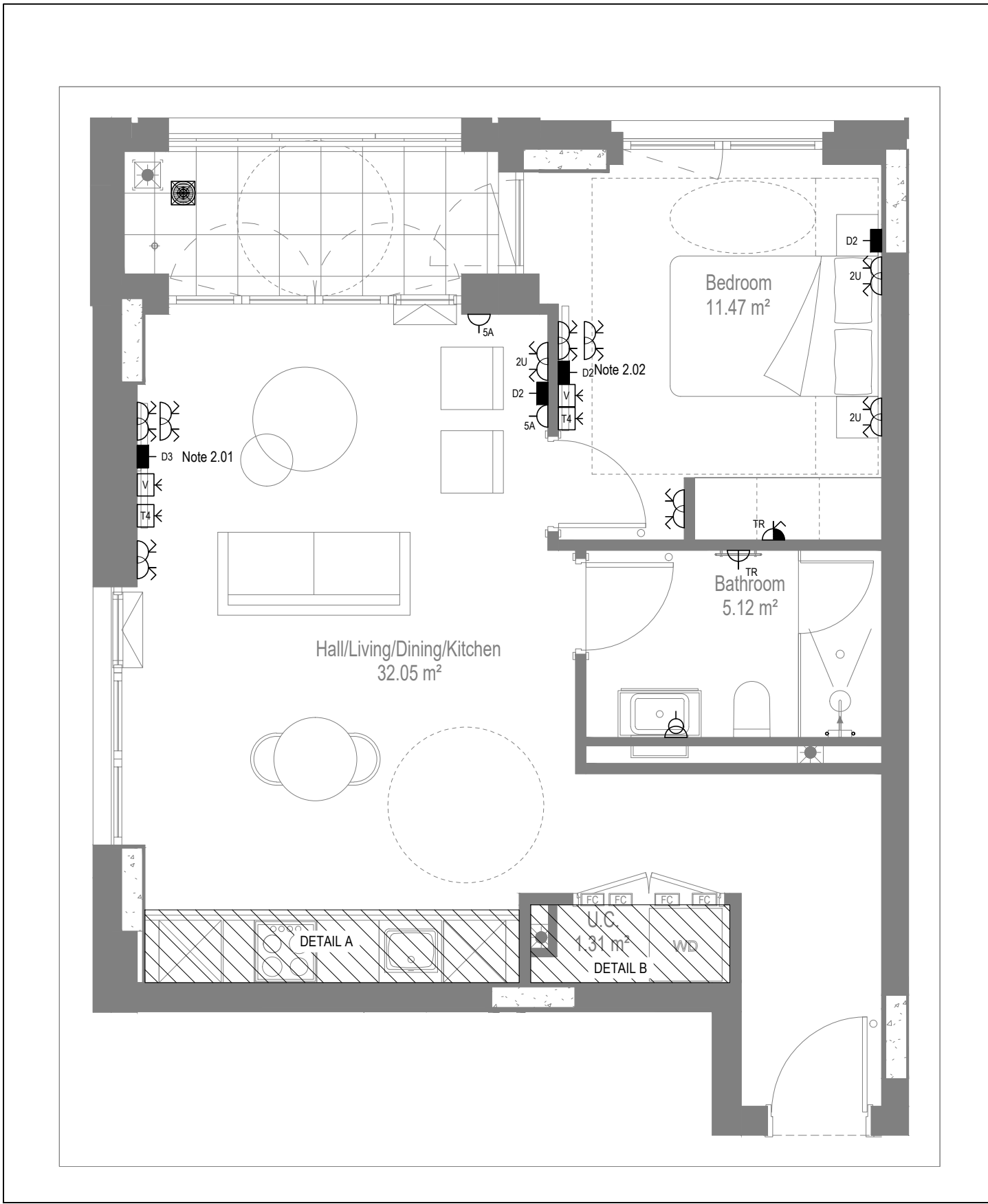
Current purpose:	CONSTRUCTION	Scale:	1:50	Size:	A1
Original Issue Date:	23.02.2020	Dwn:	MJ	Chkd:	JM

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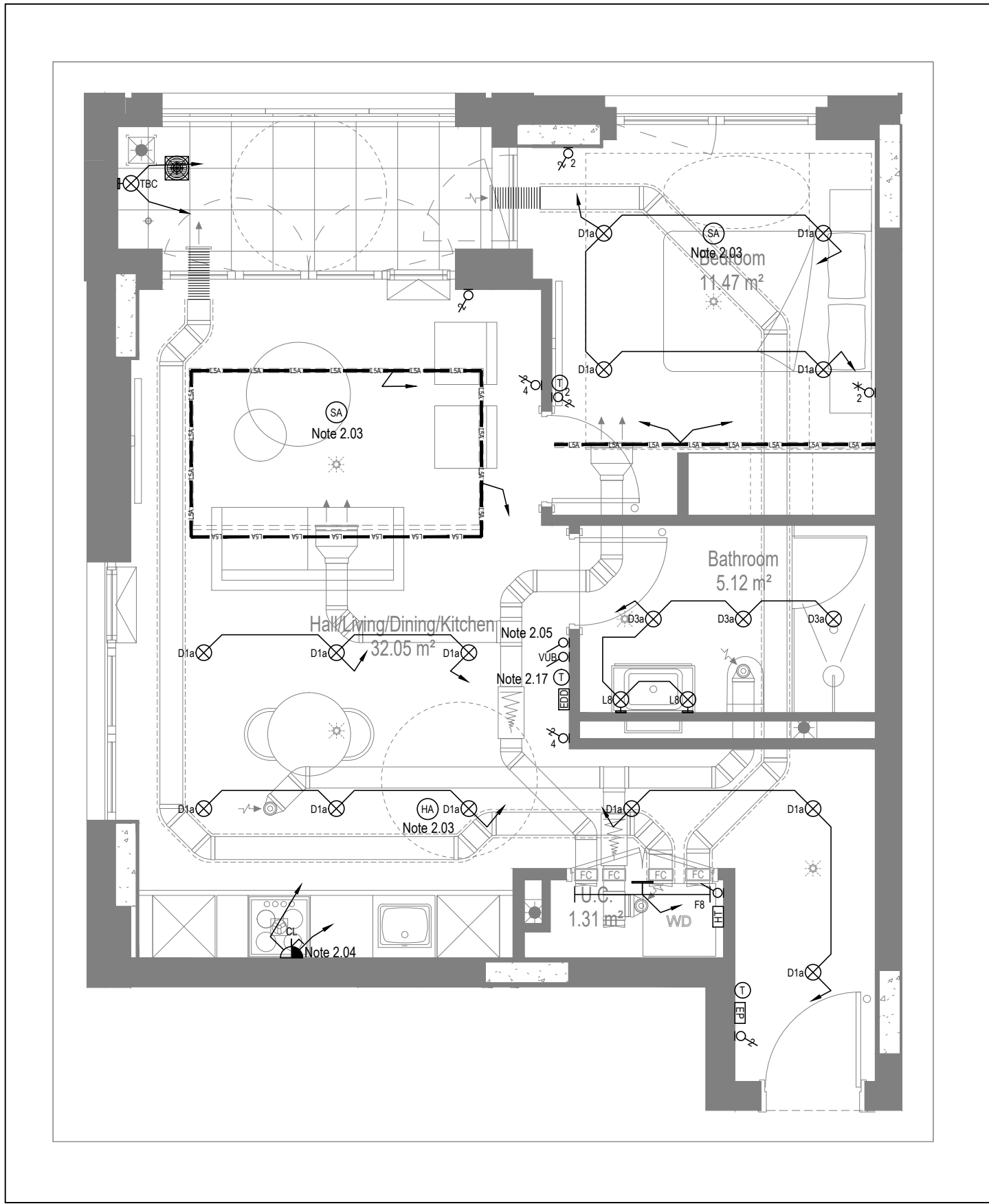
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Plots: AN12, AN22	
Project: HORNSEY TOWN HALL	
Client: ARDMORE	Rev: AB
Dwg Number: 10687-E-03-A-0026	



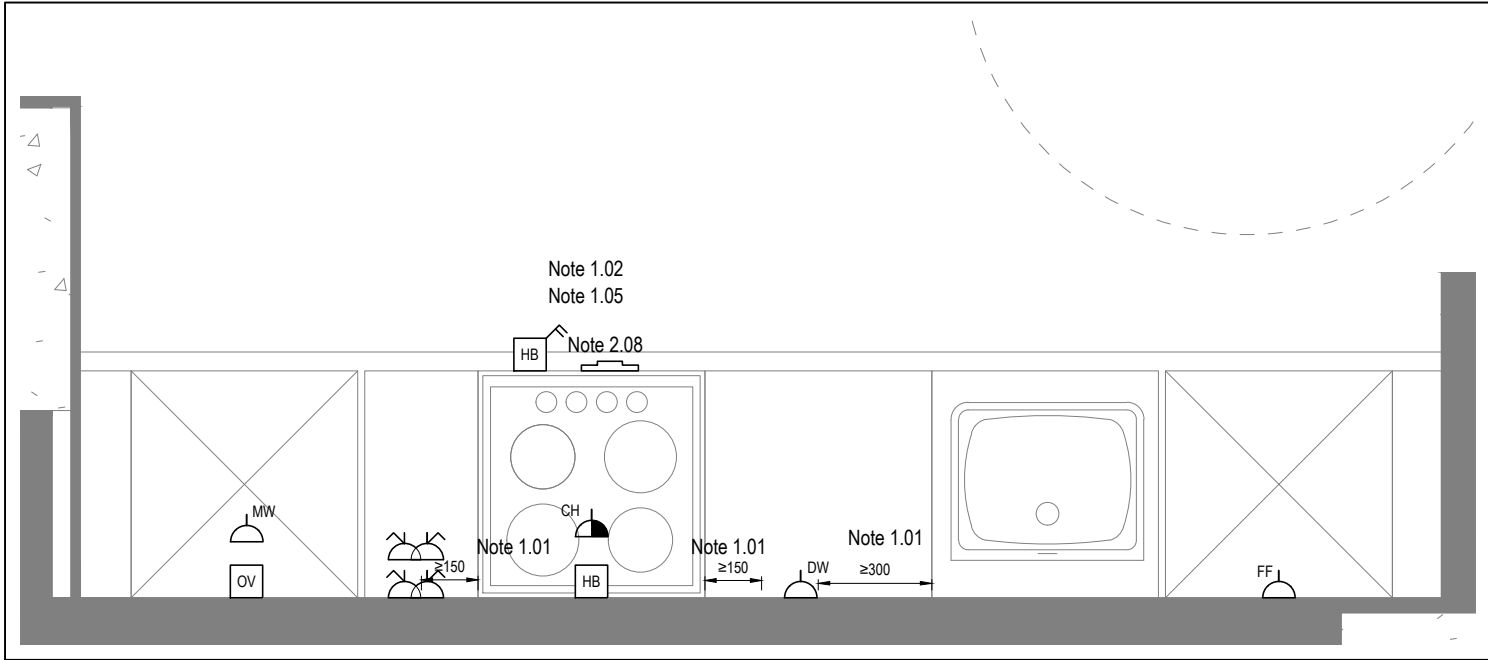
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Plots:		AN02
Project:		HORNSEY TOWN HALL
Client:		ARDMORE
Dwg Number:	10687-E-03-A-0026B	Rev: AB



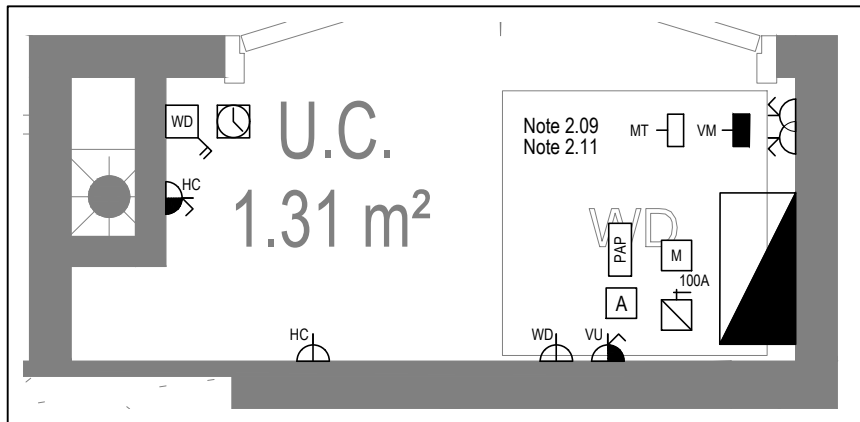
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closed to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.14 **Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.**

2.14 Secondary bedroom TV Point

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV Outlet

2.15 Pre-wire for Radiator luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER: KDS

DRAWING No:	3596-KDS-BA-XX-DA-A-06-1133	REVISION:	C2	DATE RECEIVED:	04.01.2021
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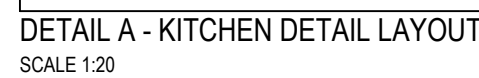
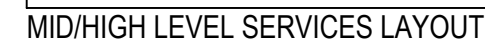
AB	17.11.2022	Updated to as built	LMS	JM
C7	02.11.2021	Updated notes for secondary bedrooms	ZM	JM
C6	11.05.2021	Balcony lights updated.	IV	JM
C5	30.04.2021	Wardrobe lighting removed. Fire alarm soulder removed from balcony. Balcony lights updated.	IV	JM
C4	27.04.2021	Thermostats updated. Sump sockets added.	IV	JM
C3	21.04.2021	Thermostats for under floor heating added	DP	JM
C2	11.01.2021	Sockets and towel rail switches updated.	IV	JM
C1	11.09.2020	Construction issue	TN	JM
P1	20.03.2020	Preliminary issue	MJ	JM

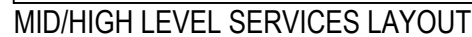
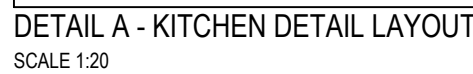
Rev	Date	Description	Dwn	Chkd

Current purpose: AS BUILT Scale: 1:50 Size: A1
Original Issue Date: 20.03.2020 Dwn: MJ Chkd: JM

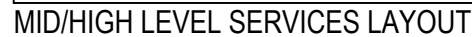
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Title: ELECTRICAL SERVICES LAYOUT
Plots: AN03, AN13, AN23
Project: HORNSEY TOWN HALL
Client: ARDMORE
Dwg Number: 10687-E-03-A-0027
Rev: AB





Title:	
ELECTRICAL SERVICES LAYOUT FLAT TYPE 28B	
Plots:	AN14, AN24
Project:	
HORNSEY TOWN HALL	
Client:	ARDMORE
Dwg Number:	106687-E-03-A-0028B
	Rev. AB



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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- All electrical work shall conform with BS7291 (now BS EN 60364) Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical wiring connection details.
- Where electrical boxes, conduits, trunking, pattresses, partitions penetrate floors, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to comply with the provisions of BS 5832 (now BS EN 12845).
- All discrepancies are to be queried with WDA before start of project.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of L1 Regulations, 150mm from walls and 300mm from sinks/dishwashers.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layout before any installation work commences on site.

1.03 All ceiling roses shall be installed in accordance with BS 5832 (now BS EN 12845). First fixing locations are indicated only. They are not back-to-back on the party wall.

1.04 All electrical items at 2.2m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be related to the provision of fire through the floor (see Note 1.05). Drawers sockets compliant with BS EN15558-2 are an exception and can be installed within zone 2.

1.05 Ground switch & Hob isolator to be located in unit on boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point to comprise the following:

- 2No. Double switched socket outlet
- 2No. RJ45 UTP Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- 2No. RJ45 UTP Data Point
- Virgin TV Outlet

2.03 Smoke heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance nearest the street of fire through the floor (see Note 1.05).

Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the main living space.

2.06 Provision for pendant lighting. Final specification of luminaires by client.

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 6 gang grid switch/wiring with 20A double pole switches, each switch engraved with the name of the appliance served.

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Comb microwave where applicable)

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 Ear-landing and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate terms and controls located in the MEP cupboard adjacent to confirm the position of the towel rail.

2.14 Secondary bedroom TV point

- No. Double switched socket outlet
- 2No. RJ45 UTP data point
- Virgin TV Outlet

2.15 Virgin Entry for future provision of powered door.

2.16 Bed head controls for future provision. Conduct, draw wires and blank socket to be installed, as per part M requirement.

2.17 PDXA connection unit in main living space for wheelchair charging.

2.18 All services and controls to be mounted and set out in accordance with building regulations part M4:

- Consumer units should be mounted so that the switches are between 1350mm and 1500mm above floor level.
- Switches, sockets, stopcocks and controls, except controls for radiators are located with their centre line 700-1000mm above floor level and a minimum of 700mm (measured horizontally) from an inside corner, and are not positioned behind built up appliances.
- Kitchen appliances in wheelchair accessible dwellings have isolators located within the same height range.
- Light switches are on individual plates unless wider rocker or full plate fittings are required.
- Switches to double socket outlets are located at the outer ends of the plate (rather than in the centre).
- A door entry phone with remote door release facility is provided in the main living space and the principal bedroom.
- Suitable provision is made in the principle bedroom to install bedhead controls in the grouping comprising a 2-way light switch, telephone and broadband socket, TV aerial and power socket outlets, and the door entry phone provision described above, grouped adjacent to the head of the bed (ie), for example, by providing blank sockets, conduct and draw wires.
- A main electrical power socket and a telephone point are provided together in the main living space.
- Taps and bathroom controls are suitable for a person with limited grip to operate and for single handed operation.
- Boiler timer controls and thermostats are either mounted 900-1200mm above finished floor level on the boiler, or separated controllers (wired or wireless) are mounted elsewhere in an accessible location within the same height range.
- In wheelchair accessible dwellings, radiator controls are mounted 450-1000mm above floor level.

2.19 All doors for future luminaires within Besa box including blank plate, switched as indicated.

2.20 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

Rev	Date	Description	Dwn	MJ	Chkd
AW	17/11/2022	Updated to add as built	LMS	JM	
C6	03/10/2021	Light switch in secondary bedroom	ZM	JM	
CS	12/11/2021	Update tv points and thermostat relocated due to change in main living space	IV	JM	
CA	11/05/2021	Wardrobe lighting removed. Balcony lighting updated.	IV	JM	
CS	28/04/2021	Thermostats updated. Sump sockets added.	IV	JM	
P1	19/04/2021	Switches and power meter switches updated.	IV	JM	
C2	21/03/2021	Primary and towal switches updated.	CS	JM	
C1	14/03/2021	Sinks and shower updated.	MJ	JM	
Rev	Date	Description	Dwn	MJ	Chkd
Current version:	AS	BULB	Scale:	1:50	Size: A1
Original Issue Date:	24.03.2020		Dwn:	MJ	Chkd: JM

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ELECTRICAL SERVICES LAYOUT
FLAT TYPE YH

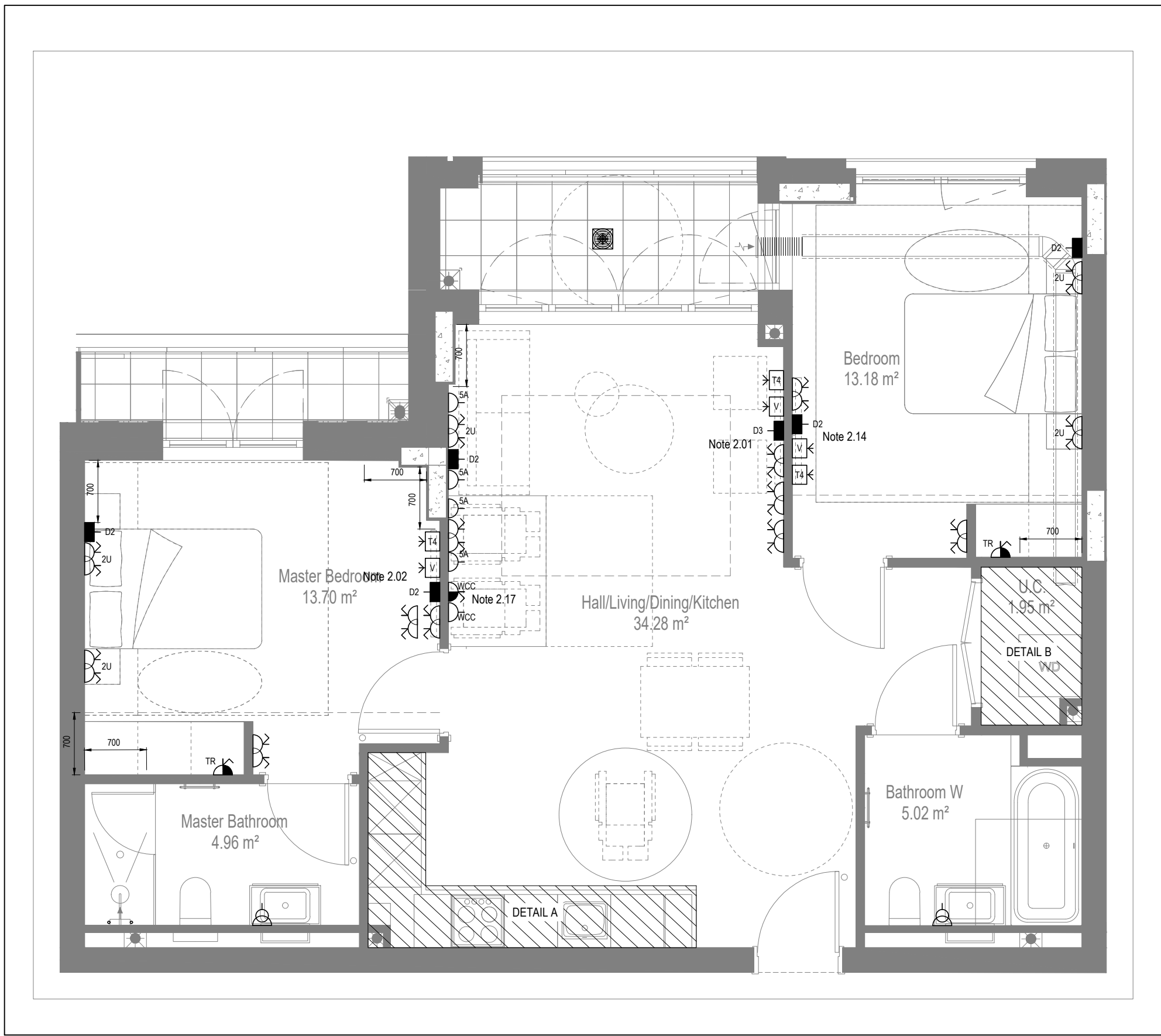
Plots: AN05

Project: HORNSEY TOWN Hall

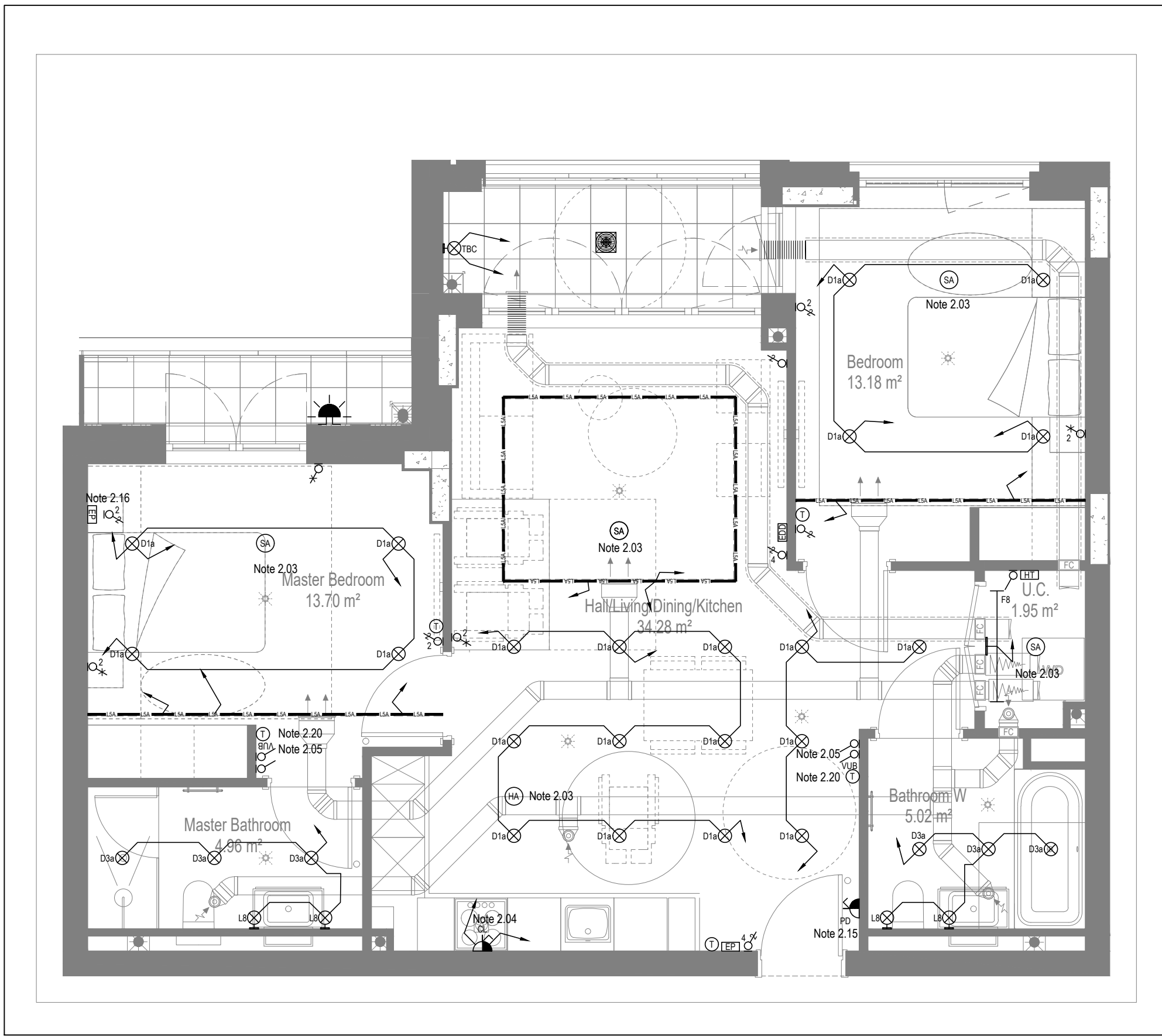
Client: ARDMORE

Dwg Number: 10687-E-03-A-0029

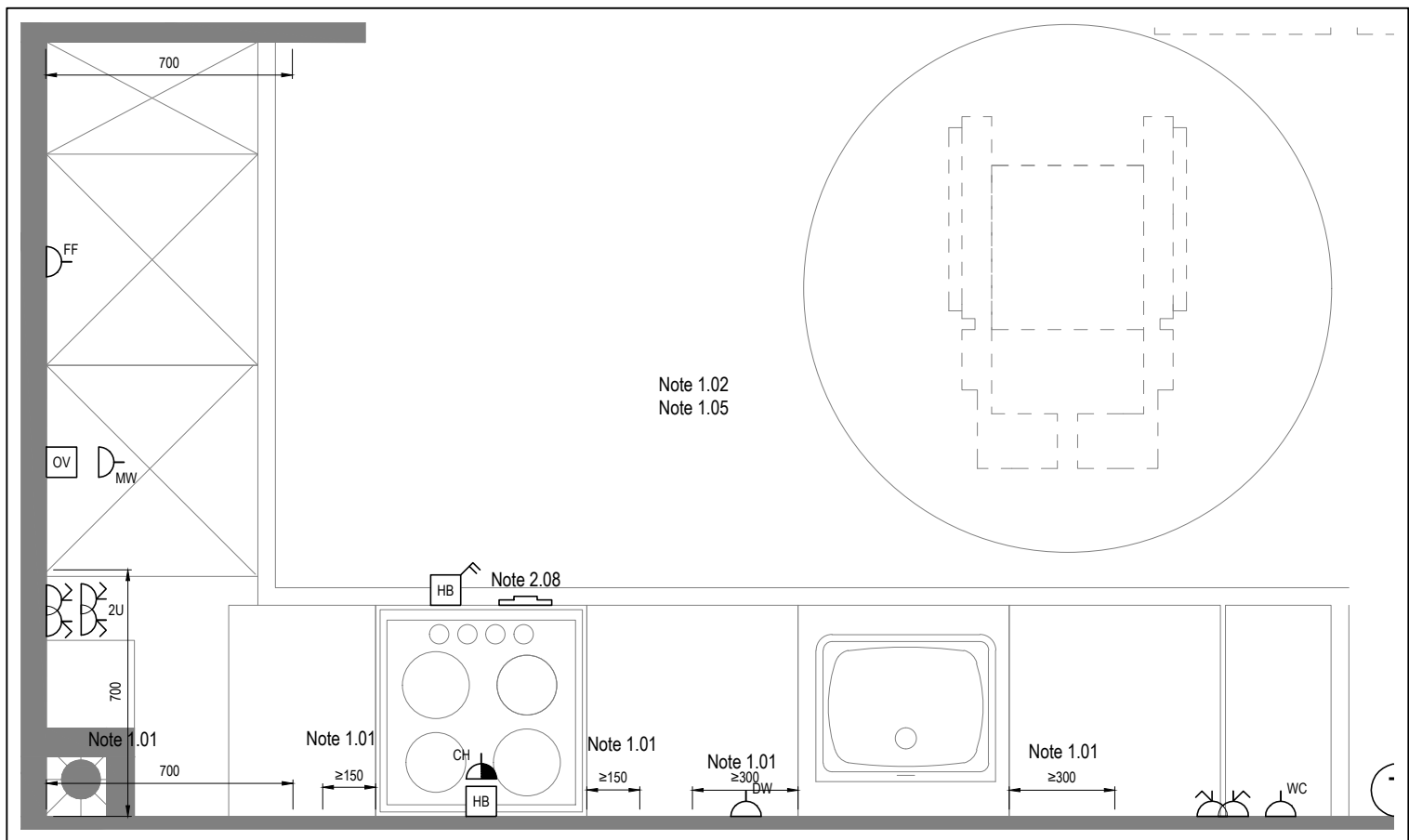
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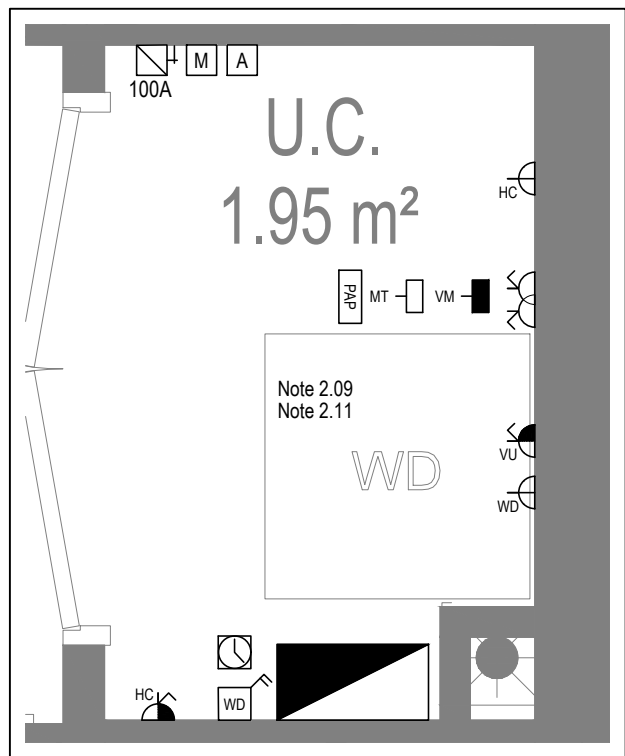
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system, as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01

All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02

The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03

All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04

All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shaver sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05

Grid switch & hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01

Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02

Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03

Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04

Under cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05

2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06

Provision for pendant lighting. Final specification of luminaire by others

2.07

All switches to be mounted on single toggleplate with label warning of multiple circuits.

2.08

8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker/hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VLB

2.09

All consumer units to be fitted with surge supplement modules.

2.10

Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11

For locations and setting out details of services, refer to typical cupboard drawing.

2.12

All towel rails shall have separate timers and controls located in the MEP cupboard

2.13

Architect to confirm the position of the towel rail.

2.14

Secondary bedroom TV point:

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15

Power supply for the future provision of powered door.

2.16

Bed head controls for future provision. Conduit, draw wires and blank socket to be installed, as per part M requirements.

2.17

Fused connection unit & single socket outlet for wheelchair charging.

2.18

All services and controls to be mounted and set out in accordance with building regulations part M4:

- Consumer units should be mounted so that the switches are between 1350mm and 1450mm above floor level.
- Switches, sockets, stopcocks and controls, except controls to radiators are located with their centre line 700-1000mm above floor level and a minimum of 700mm (measured horizontally) from an inside corner, and are not positioned behind appliances.
- Kitchen appliances in wheelchair accessible dwellings have isolators located within the same height range.
- Light switches are on individual plates unless wide rocker or full plate fittings are provided.
- Switches to double socket outlets are located at the outer ends of the plate (rather than in the centre).
- A door entry phone with remote door release facility is provided in the main living space and the principal bedroom.
- Suitable provision is made in the principal bedroom to install bedhead controls in the future (comprising a 2-way light switch, telephone and broadband socket, TV aerial and power socket outlets, and the door entry phone provision described above, grouped adjacent to the head of the bed), for example, by providing blank sockets, conduit and draw wires.
- A main electrical power socket and a telephone point are provided together in the main living space.
- Taps and bathroom controls are suitable for a person with limited grip to operate and for single handed operation.
- Boiler timer controls and thermostats are either mounted 900-1200mm above finished floor level on the boiler, or separated controllers (wired or wireless) are mounted elsewhere in an accessible location within the same height range.
- In wheelchair accessible dwellings, radiator controls are mounted 450-1000mm above floor level.

2.19

Pre-wire for future luminaire within Bees box including blank plate, switched as indicated.

2.20

Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER:

KDS ARCHITECTS

DRAWING NO:

3596-KDS-BA-XX-DR-A-06-1125

REVISION:

C2

DATE RECEIVED:

04.01.2021

AB

17.11.2022

AS BUILT

Previous revisions removed for clarity - Refer to previous drawings for issue history.

IV

JM

Rev

Date

Description

Scale: 1:50

Size: A1

Chkd

Current purpose:

AS BUILT

Drawn: MJ

Chkd: JM

Original issue Date:

24.03.2020

W

WHITECODE

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Title:

ELECTRICAL SERVICES LAYOUT

Plots:

FLAT TYPE 29B
AN15, AN25, AN33

Project:

HORNSEY TOWN HALL

Client:

ARDMORE

Dwg Number:

10687-E-03-A-0029B

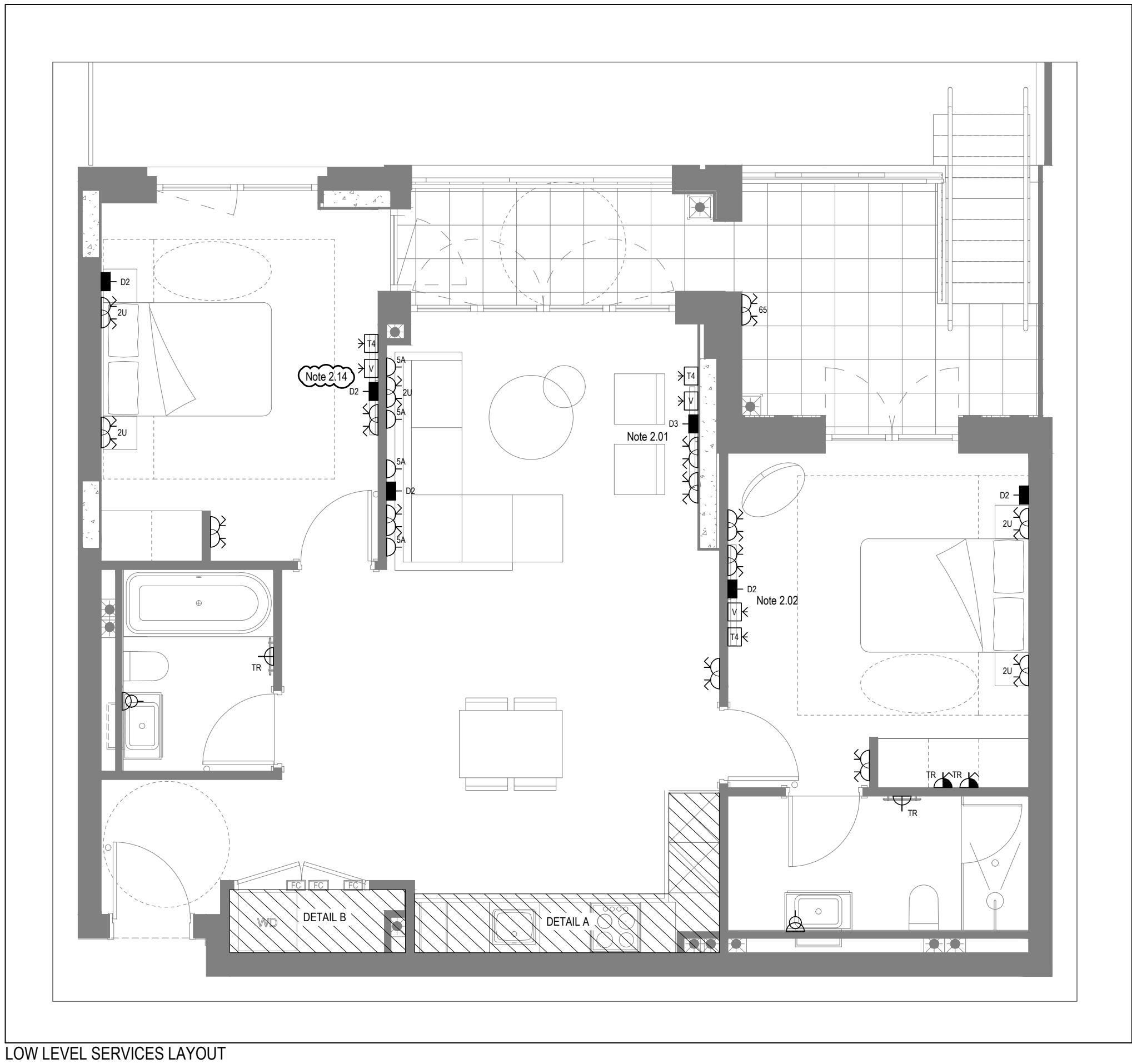
Rev:

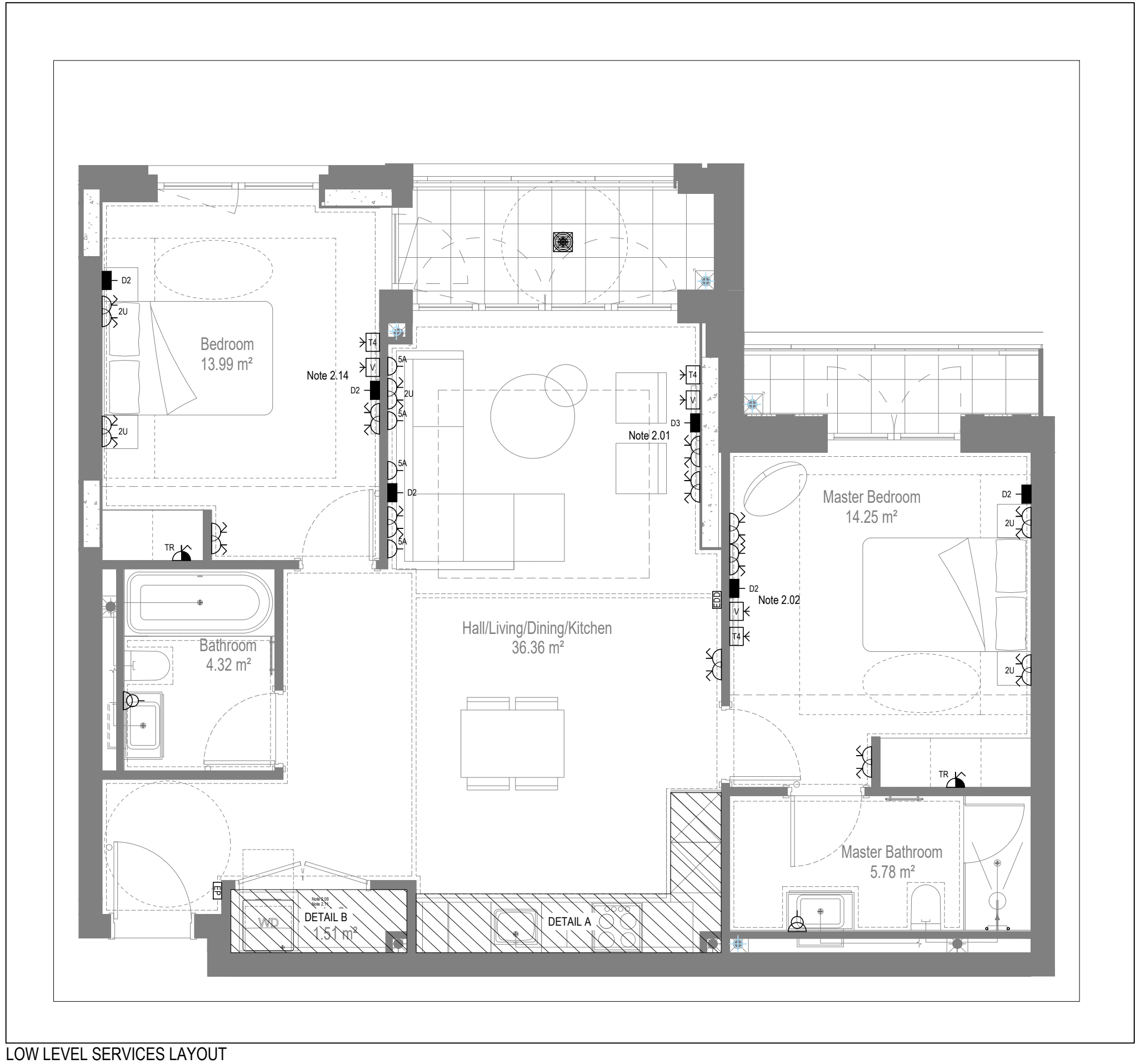
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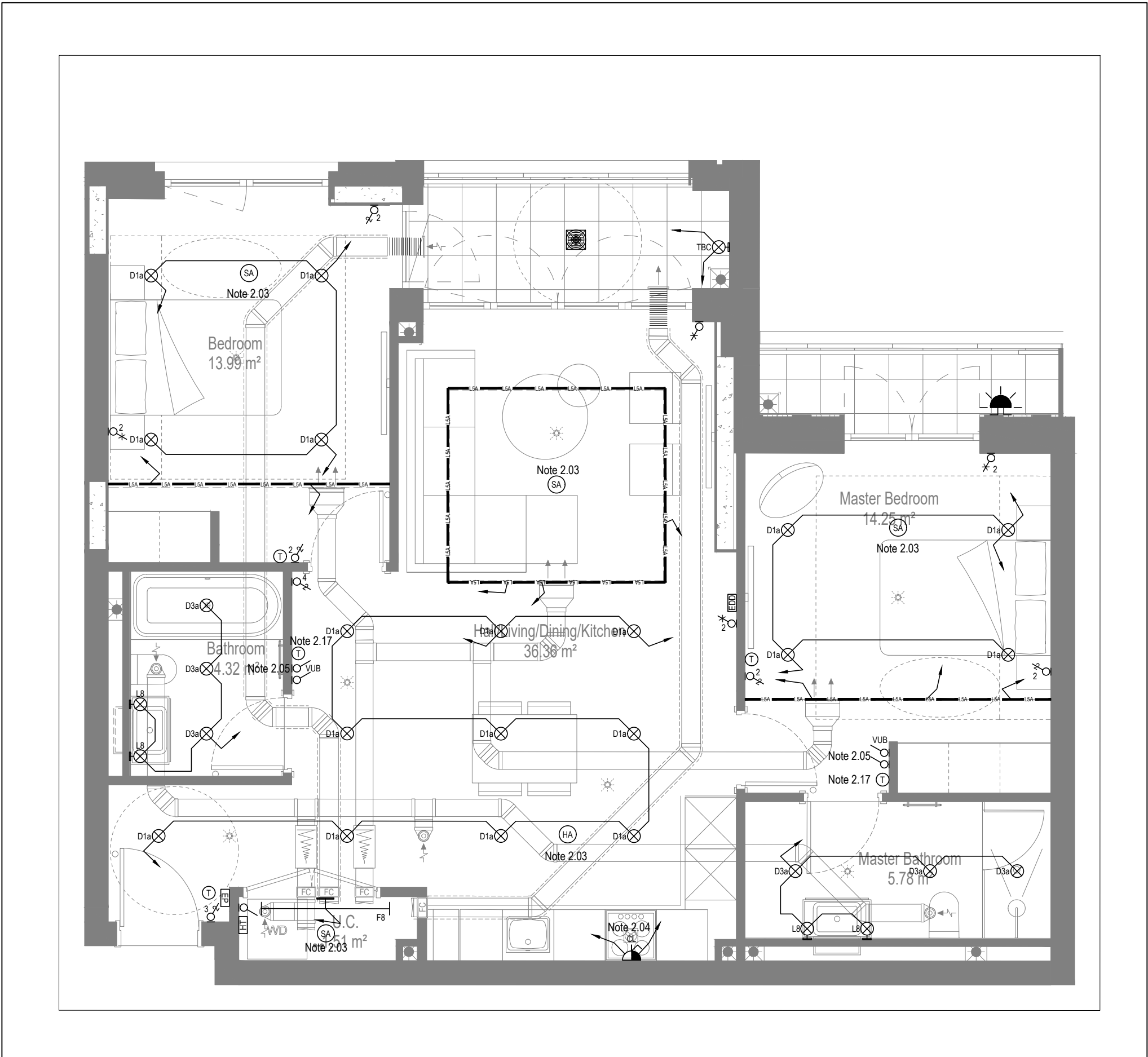
NOTES
General Electrical Notes
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- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.
Electrical Installation Notes
1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.
1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.
1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.
1.05 Grid switch & Hub isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.
Tenure Specific Notes
2.01 Main television point comprising the following:
• 2No. Double switched socket outlet
• Quad coaxial outlet
• 3No. RJ45 Outlet Data Point
2.02 Master bedroom television point comprising the following:
• 2No. Double switched socket outlet
• Quad coaxial outlet
• 2No. RJ45 Outlet Data Point
• Virgin TV Outlet
2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.
2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.
2.06 Provision for pendant lighting. Final specification of luminaire by others
2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.
2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-
• Cooker hood
• Dishwasher
• Fridge/freezer
• Oven
• Wine Cooler
• Microwave (Combi microwave where applicable)
• VUB
2.09 All consumer units to be fitted with surge supplement modules.
2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
2.11 For locations and setting out details of services, refer to typical cupboard drawing.
2.12 All towel rails shall have separate timers and controls located in the MEP cupboard.
2.13 Under-cupboard lighting to be wired to the towel rail.
2.14 Secondary bedroom TV Point
• 1No. Double switched socket outlet
• Quad coaxial outlet
• 2No. RJ45 outlet data point
• Virgin TV Outlet
2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.
2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER: KDS
DRAWING NO: 3596-KDS-BA-XX-DA-A-06-1136
REVISION: C3
DATE RECEIVED: 04.01.2021
AB 17.11.2022 Updated to as built
C5 02.11.2021 Updated TV points in secondary bedroom
C4 11.05.2021 Wardrobe lighting removed. Balcony lighting updated.
C3 28.04.2021 Thermostats updated. 5amp sockets added.
G2 11.01.2021 Sockets and towel rail switches updated.
C1 11.09.2020 Construction Issue
P1 20.03.2020 Preliminary Issue
Rev Date Description Dwn Chkd
Current purpose: AS BUILT Scale: 1:50 Size: A1
Original Issue Date: 20.03.2020 Dwn: MJ Chkd: MJ
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Title: ELECTRICAL SERVICES LAYOUT
Plots: AN06
Project: HORNSEY TOWN HALL
Client: ARDMORE
Dwg Number: 10687-E-03-A-0030
Rev: AB

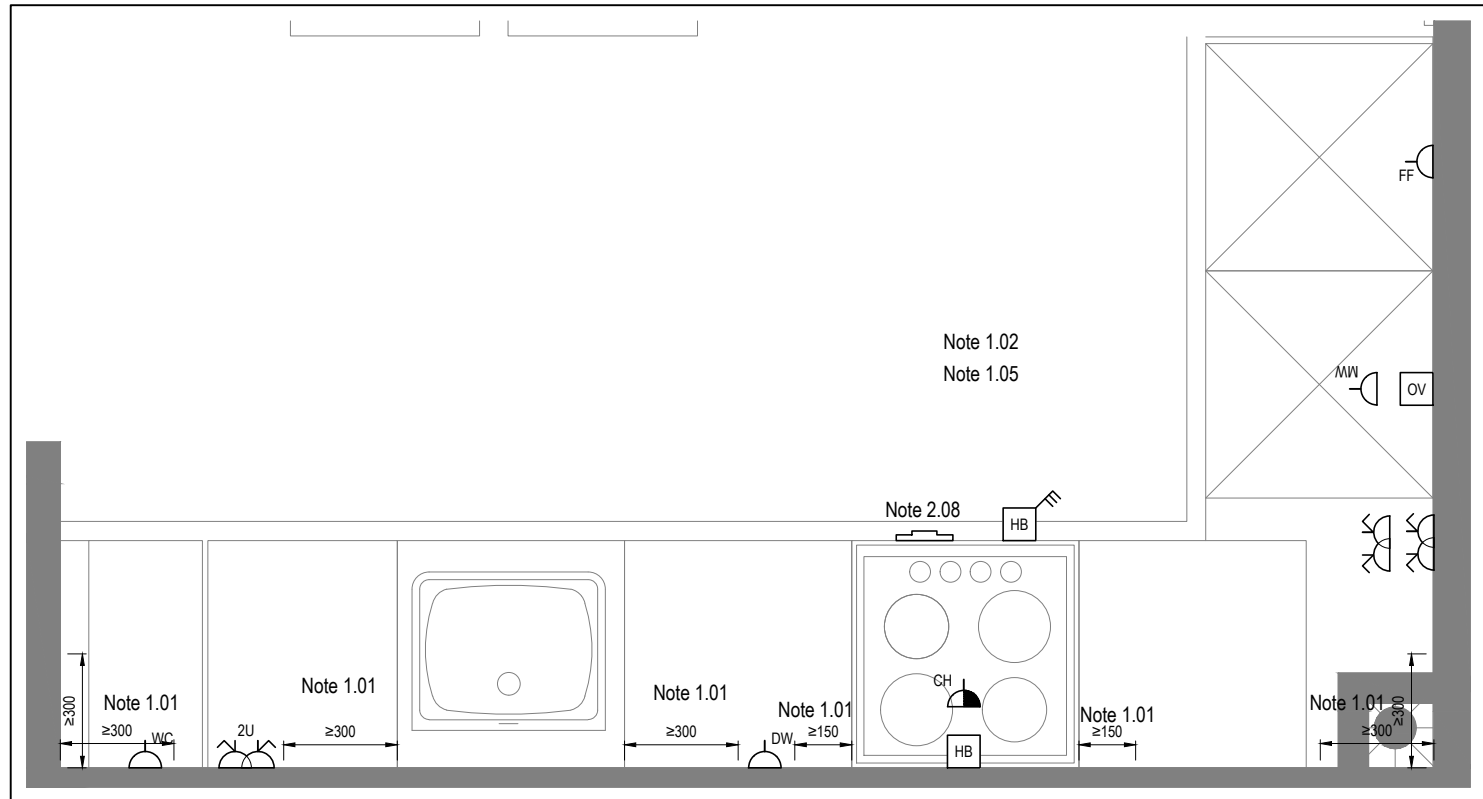




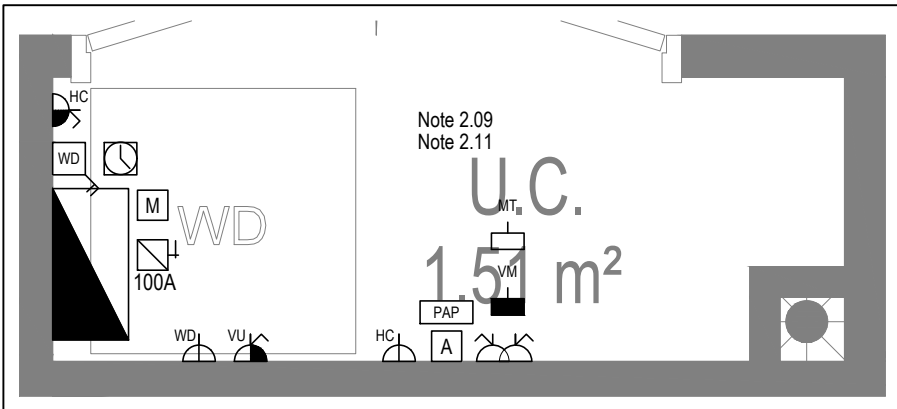
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT

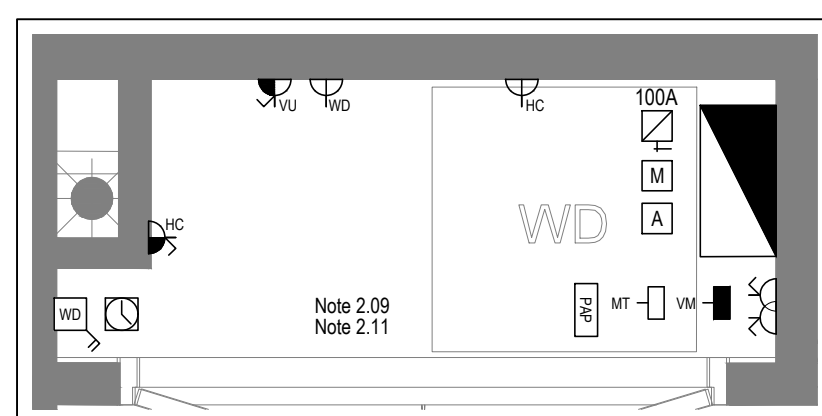
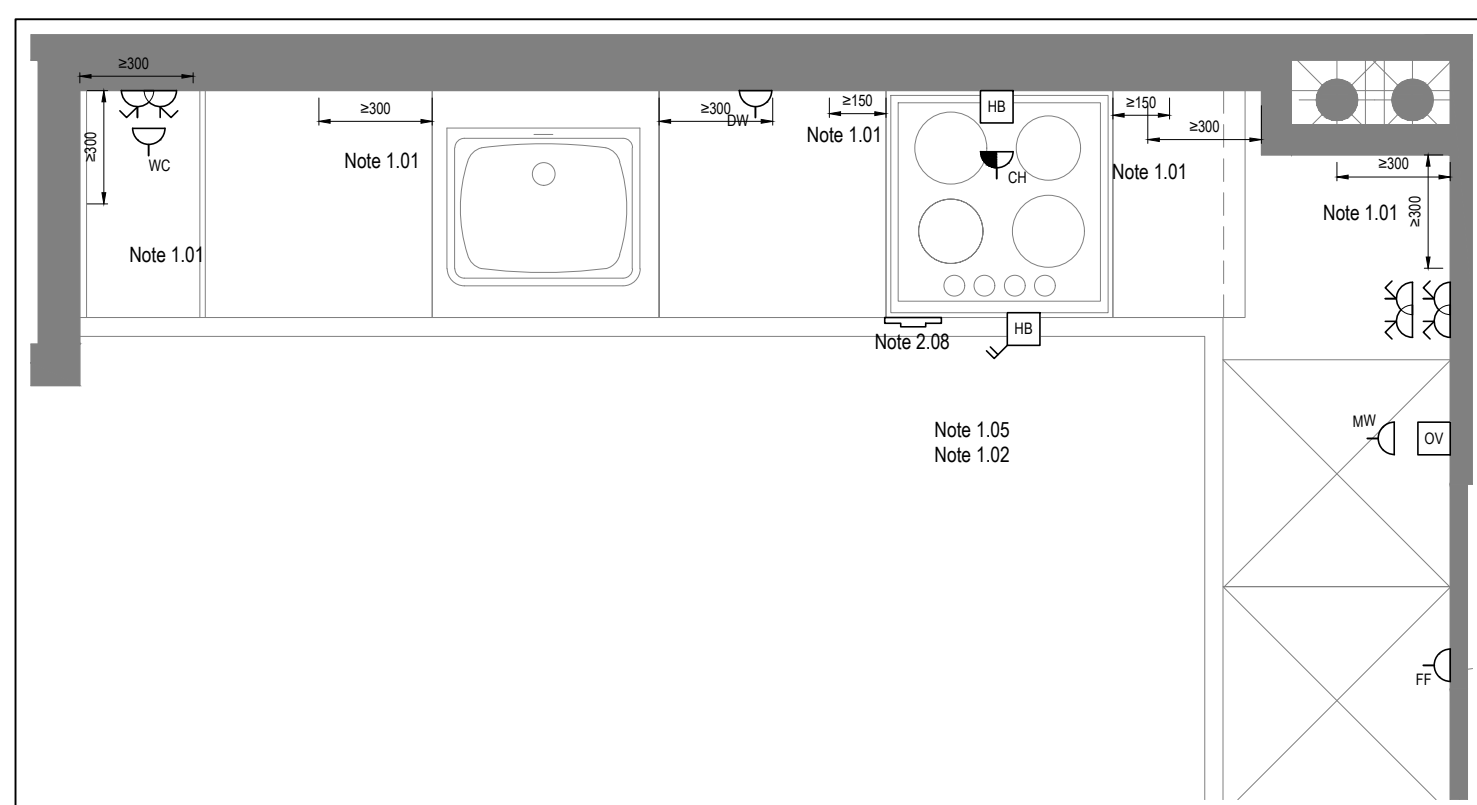
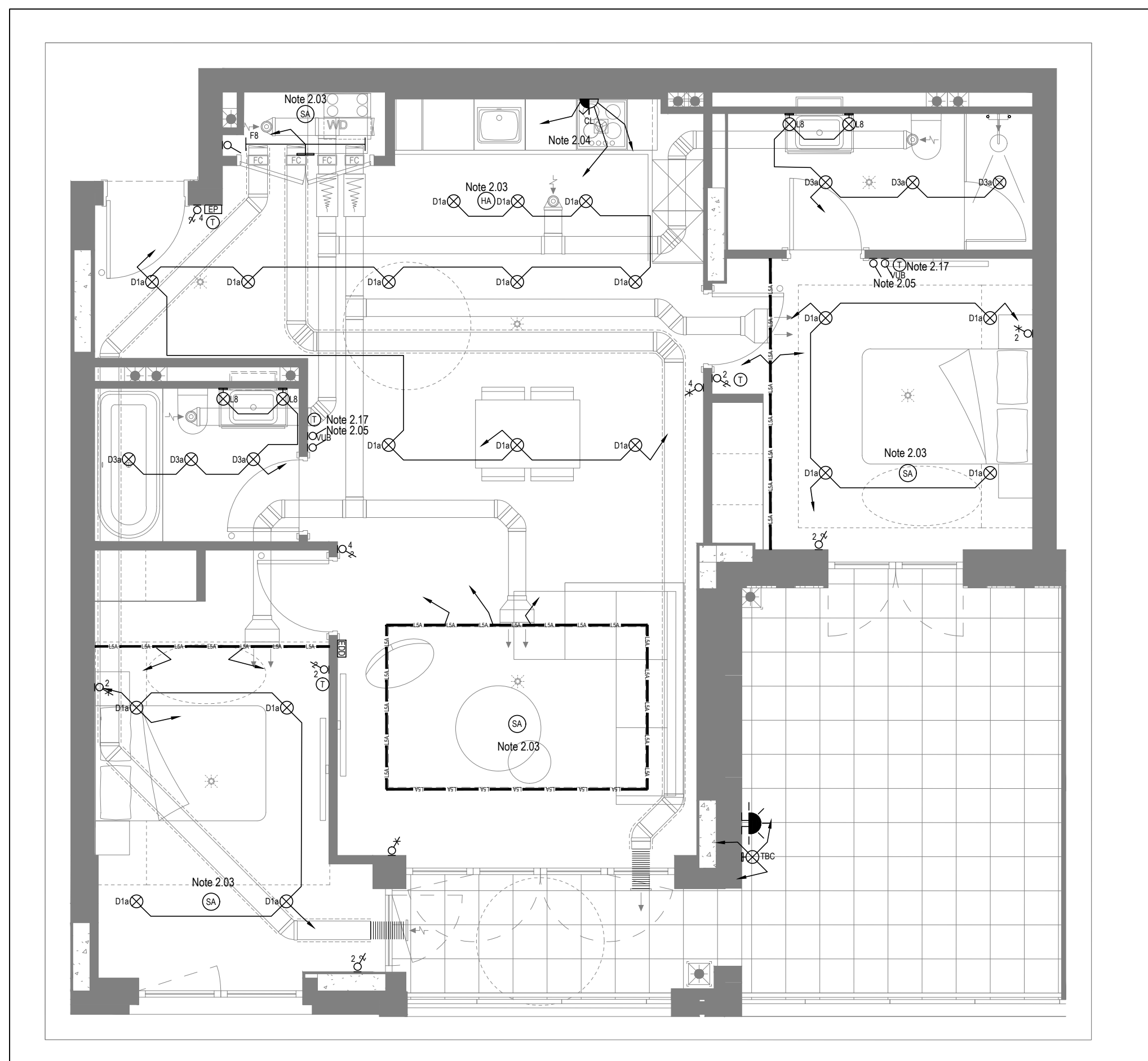
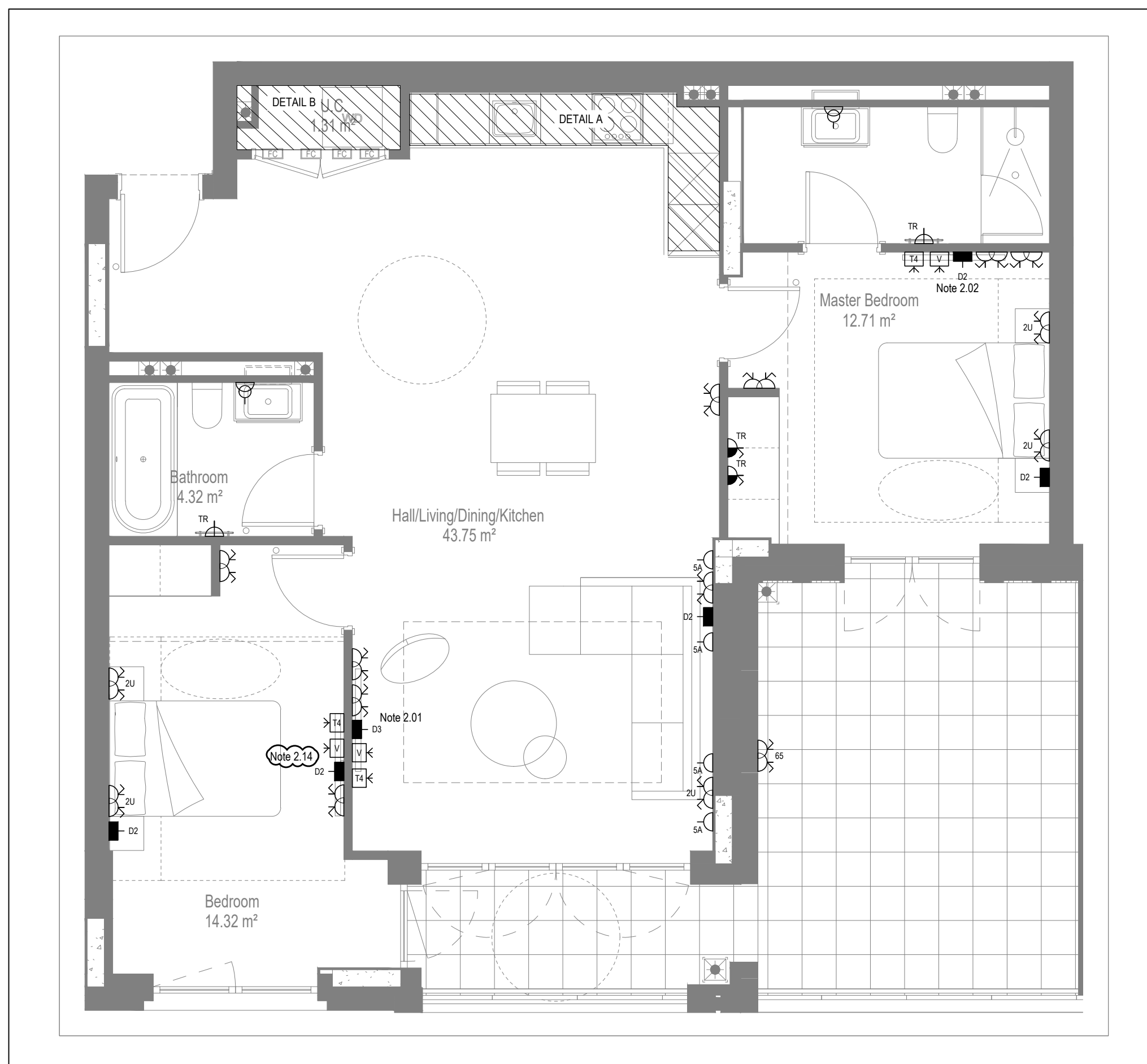


DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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<table><tr><td colspan="2">BACKGROUND PLAN AS PER:</td><td colspan="2">KDS ARCHITECTS</td></tr><tr><td>DRAWING NO:</td><td>3596-KDS-BA-XX-DR-A-06-1125</td><td>REVISION:</td><td>DATE RECEIVED:</td></tr><tr><td></td><td></td><td>C2</td><td>04.01.2021</td></tr></table>				BACKGROUND PLAN AS PER:		KDS ARCHITECTS		DRAWING NO:	3596-KDS-BA-XX-DR-A-06-1125	REVISION:	DATE RECEIVED:			C2	04.01.2021																		
BACKGROUND PLAN AS PER:		KDS ARCHITECTS																															
DRAWING NO:	3596-KDS-BA-XX-DR-A-06-1125	REVISION:	DATE RECEIVED:																														
		C2	04.01.2021																														
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AB	17.11.2022	AS BUILT	IV	JM																													
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Rev	Date	Description	Scale:	Size:																													
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Original issue Date:		20.03.2020	Drawn: MJ	Chkd: JM																													
<table><tr><td rowspan="2"></td><td colspan="3">BUILDING SERVICES DESIGN CONSULTANTS</td></tr><tr><td colspan="3">26-27 The Hill, Northfleet, Gravesend Kent, DA11 9EU www.whitecode.co.uk T: 01322 289777 E: design@whitecode.co.uk</td></tr></table>					BUILDING SERVICES DESIGN CONSULTANTS			26-27 The Hill, Northfleet, Gravesend Kent, DA11 9EU www.whitecode.co.uk T: 01322 289777 E: design@whitecode.co.uk																									
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	26-27 The Hill, Northfleet, Gravesend Kent, DA11 9EU www.whitecode.co.uk T: 01322 289777 E: design@whitecode.co.uk																																
Title: ELECTRICAL SERVICES LAYOUT																																	
Plots: AN16, AN26, AN34																																	
Project: HORNSEY TOWN HALL																																	
Client: ARDMORE																																	
Dwg Number: 10687-E-03-A-0030B																																	
			Rev: AB																														



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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
 - Before commencing work on site, please read Design Risk Management Information.
 - All manufacturer's instructions to be reviewed prior to installation.
 - All electrical installations shall be carried out in accordance with BS 7671. This drawing is to be read in conjunction with the electrical symbols legend & typical mounting details drawings.
 - Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be reported with WDA before work commences.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

- 1.01 All switches & sockets must be installed at least 300mm from internal corner covers to meet the requirements of *Lifetime Homes*, 150mm from hobs and 300mm from sink basin to comply with BS7671.
- 1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
- 1.03 All wiring accessories shown as being installed on party walls must be installed off-set in the adjoining property such that they are not back-to-back on the party wall.
- 1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radial from basin taps, or be related to a protection zone (e.g. a shower enclosure) compliant with BS EN61558-2:2002 as an exception and can be installed within zone.
- 1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location B7 by building control prior to final sign off.

Tenure Specific Notes

- 2.01 Main television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- 2.02 Master bedroom television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- 2.03 Smoke and heat alarms shall be smoke heat with trickle charged battery backup. All alarms shall be dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All mains and heat alarms must be positioned at least 300mm from any wall for other obstruction. Detector closed to apartment entrance shall be fitted with relay base for connection to landlord's fire alarm system.
- 2.04 All switches and lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
- 2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.
- 2.06 Provision for pendant lighting. Final specification of luminaires by others
- 2.07 All switches to be mounted on separate 1-gang faceplate with warning of multiple circuits.
- 2.08 6 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:
 - Cooker hood
 - Dishwasher
 - Fridge/freezer
 - Oven
 - Wine Cooler
 - Microwave (Combi microwave where applicable)
 - VUB
- 2.09 All consumer units to be fitted with surge supplement modules.
- 2.10 Refer to kitchen layouts for positions of electrical appliances before any installation
- 2.11 For locations and setting out details of services, refer to typical cupboard drawing.
- 2.12 All towel rails shall have separate terms and controls located in the MEP cupboard
- 2.13 Access to the bottom of the tower rail
- 2.14 Access to the bottom of the tower rail
 - 1No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 outlet data point
 - Virgin TV outlet
- 2.15 Access to the tower unit with access box including blank plate, switched as indicated.
- 2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
- 2.17 The tower unit shall be located within bathroom. Final location of all services TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER: KDS		
DRAWING No: 3596-KDS-BA-XX-DA-A-06-1137	REVISION: C3	DATE RECEIVED: 04.01.2021

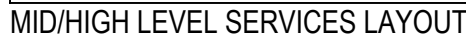
AB	17.11.2022	Updated to as built	LMS	JM
C5	02.11.2021	Updated TV points in secondary bedroom	ZM	JM
C4	11.05.2021	Wardrobe lighting removed. Balcony lighting updated.	IV	JM
C3	28.04.2021	Thermostats updated. 5amp sockets added.	IV	JM
C2	11.01.2021	Sockets and towel rail switches updated.	IV	JM
C1	11.09.2020	Construction Issue	IV	JM
P1	20.03.2020	Preliminary Issue	MJ	JM
Rev	Date	Description	Drwn	Chkd

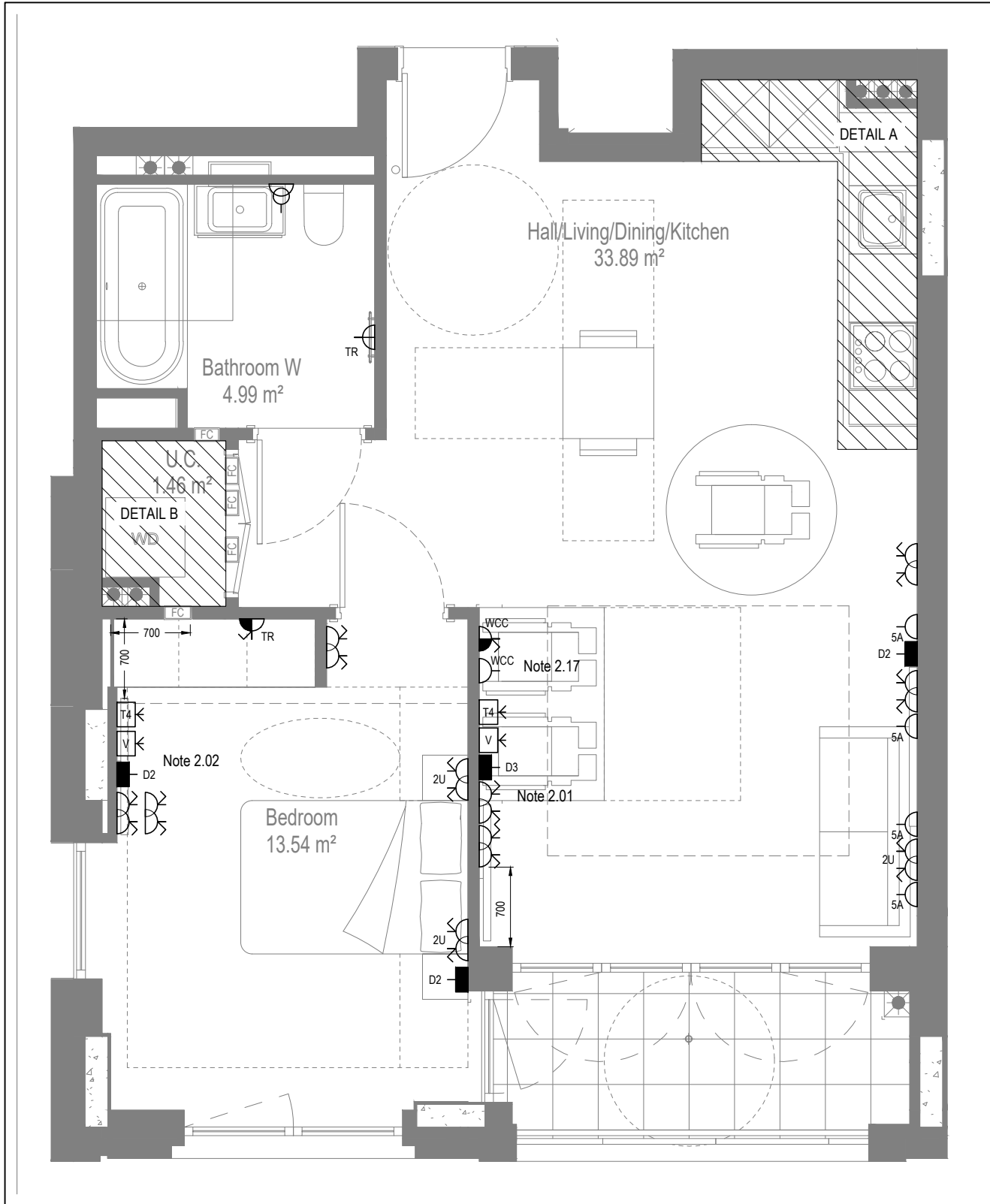
Current purpose:	AS BUILT	Scale: 1:50	Size: A1
Original Issue Date:	20.03.2020	Drwn: MJ	Chkd: JM


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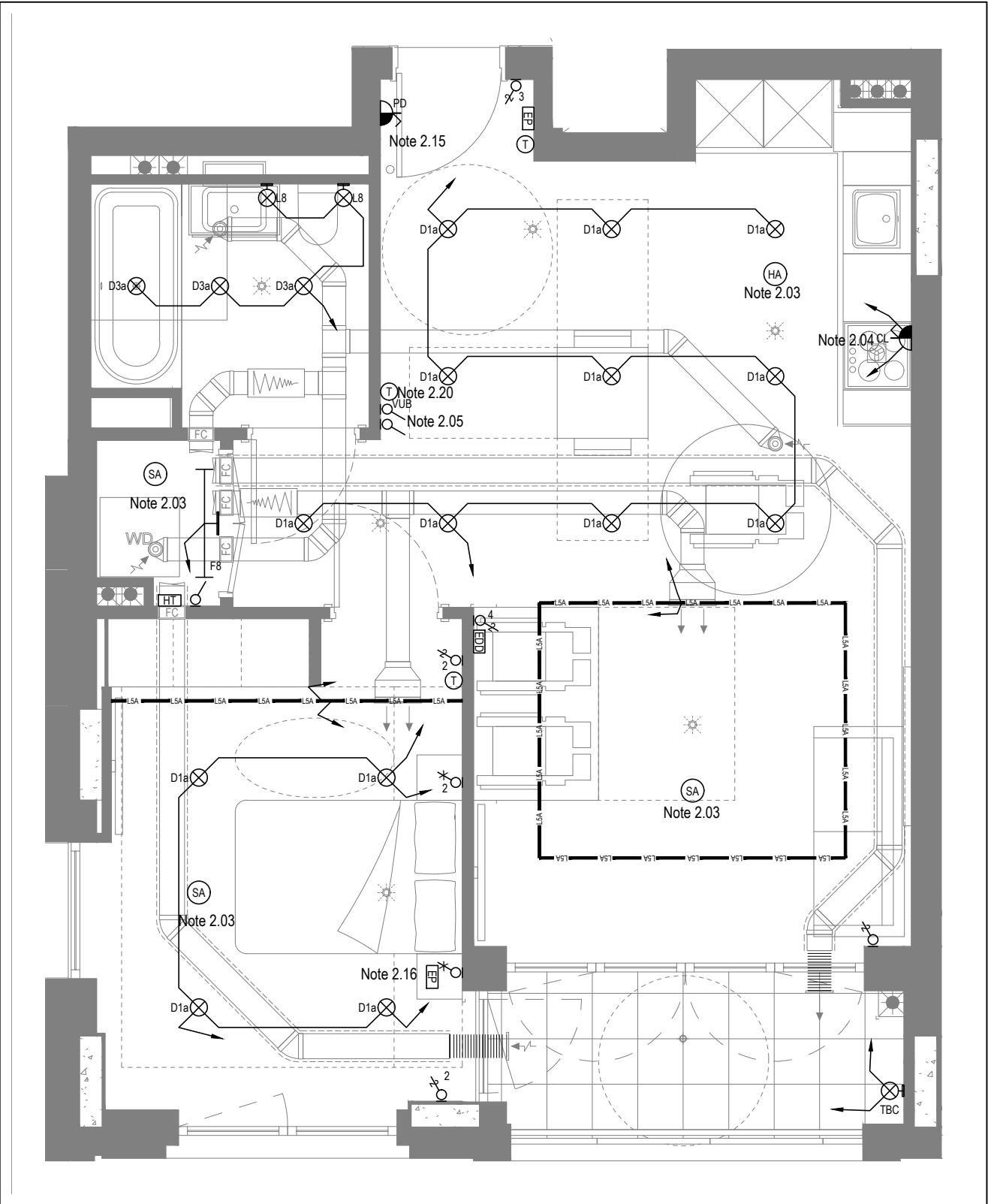
**BUILDING SERVICES DESIGN
CONSULTANTS**
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Title:		ELECTRICAL SERVICES LAYOUT FLAT TYPE 31	
Plots:		AN07	
Project:		HORNSEY TOWN HALL	
Client:		ARDMORE	Rev: AB
Dwg Number:		10687-E-03-A-0031	

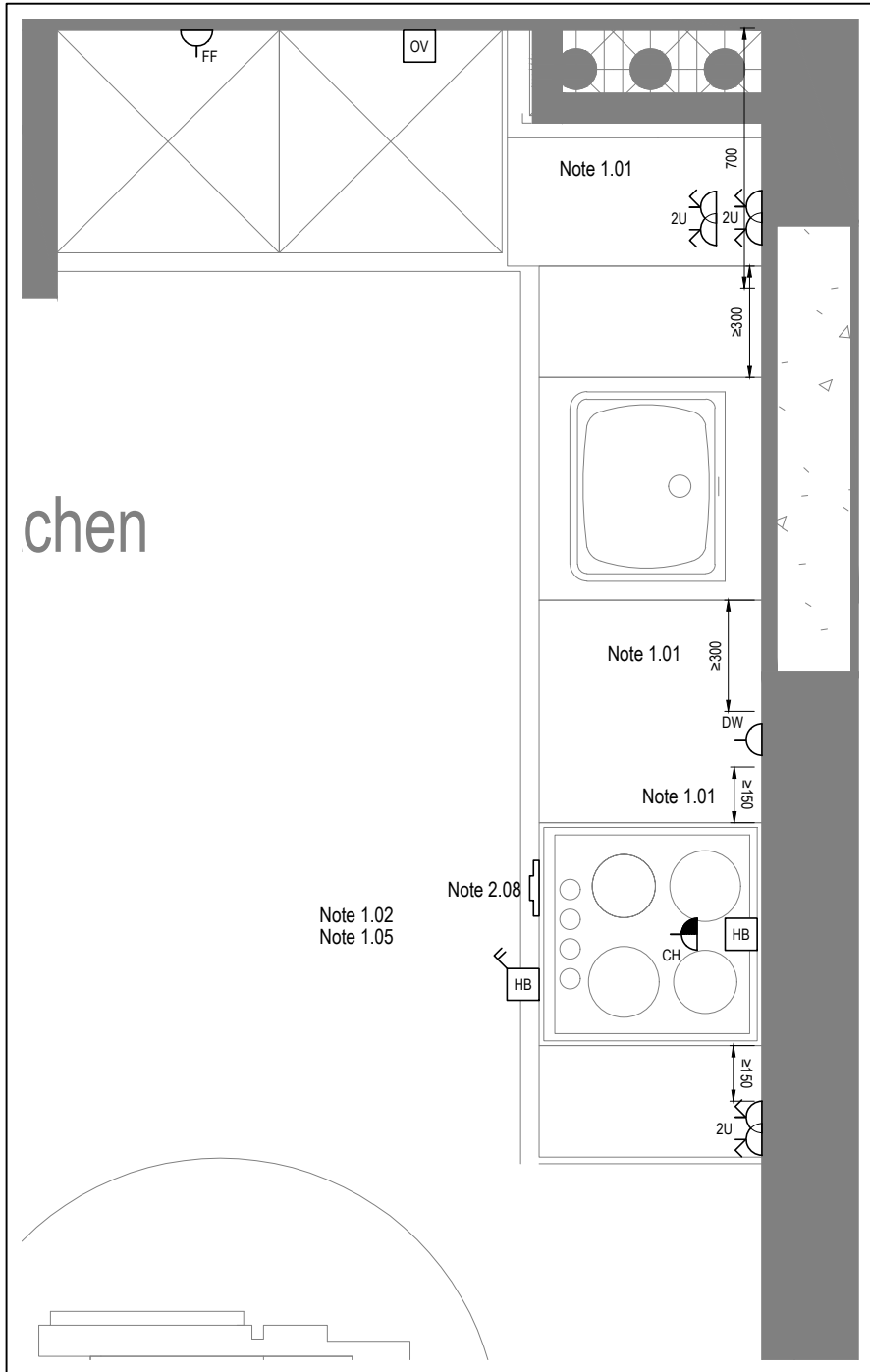




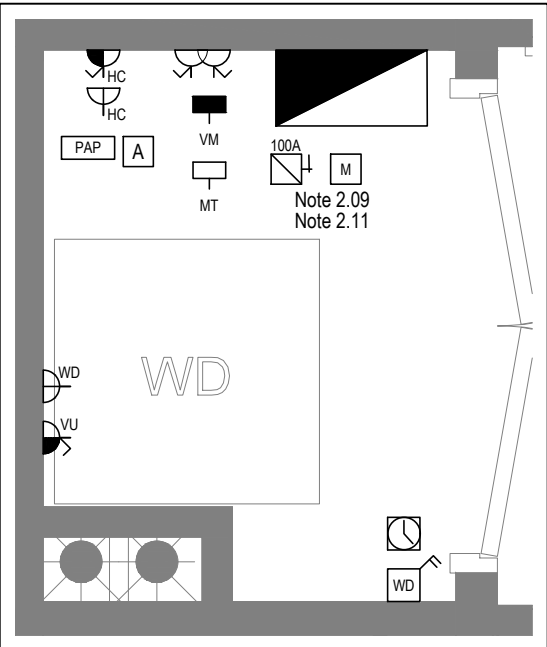
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/Freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUS

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard.

2.13 Architect to confirm the location of the towel rail.

2.14 Secondary bedroom TV point:

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Power supply for the future provision of powered door.

2.16 Bed head controls for future provision. Conduit, draw wires and blank socket to be installed, as per part M requirements.

2.17 Fused connection unit & single socket outlet for wheelchair charging.

2.18 All services and controls to be mounted and set out in accordance with building regulations part M4:

- Consumer units should be mounted so that the switches are between 1350mm and 1450mm above floor level.
- Switches, sockets, stopcocks and controls, except controls to radiators are located with their centre line 700-1000mm above floor level and a minimum of 700mm (measured horizontally) from an inside corner, and are not positioned behind appliances.
- Kitchen appliances in wheelchair accessible dwellings have levators located within the same height range.
- Light switches are on individual plates unless wide rocker or full plate fittings are provided.
- Switches to double socket outlets are located at the outer ends of the plate (rather than in the centre).
- A door entry phone with remote door release facility is provided in the main living space and the principal bedroom.
- Suitable provision is made in the principal bedroom to install bedhead controls in the future (comprising a 2-way light switch, telephone and broadband socket, TV aerial and power socket outlets, and the door entry phone provision described above, grouped adjacent to the head of the bed), for example, by providing blank sockets, conduit and draw wires.
- A main electrical power socket and a telephone point are provided together in the main living space.
- Taps and bathroom controls are suitable for a person with limited grip to operate and for single handed operation.
- Boiler timer controls and thermostats are either mounted 900-1200mm above finished floor level on the boiler, or separated controllers (wired or wireless) are mounted elsewhere in an accessible location within the same height range.
- In wheelchair accessible dwellings, radiator controls are mounted 450-1000mm above floor level.

2.19 Pre-wire for future luminaire within Besa box including blank plate, switch as indicated.

2.20 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

AB	17.11.2022	Updated to as built	LMS	JM
G5	02.11.2021	Updated TV points in secondary bedroom	ZM	JM
C4	11.05.2021	Wardrobe lighting removed. Fire alarm sounder removed from balcony. Balcony lighting updated. Thermostats updated. Sump sockets added.	IV	JM
C3	28.04.2021	Thermostats updated. Sump sockets added.	IV	JM
C2	11.01.2021	Sockets and towel rail switches updated.	IV	JM
C1	18.09.2020	Construction Issue	CDS	JM
P1	24.03.2020	Preliminary Issue	MJ	JM

Rev	Date	Description	Dwn	Chkd

Current purpose: AS BUILT Scale: 1:50 Size: A1

Original Issue Date: 24.03.2020 Dwn: MJ Chkd: JM

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Title: ELECTRICAL SERVICES LAYOUT
FLAT TYPE 32 (WCH)

Plots: AN08, AN18, AN28, AN36

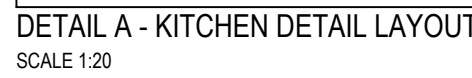
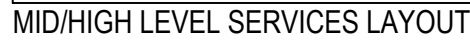
Project: HORNSEY TOWN HALL

Client: ARDMORE

Dwg Number: 10687-E-03-A-0032

Rev: AB

BACKGROUND PLAN AS PER: KDS		
DRAWING NO: 3596-KDS-BA-XX-DA-A-06-1138	REVISION C2	DATE RECEIVED 04.01.2021



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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be used in conjunction with the electrical symbols legend & typical wiring schedule drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to prevent the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

- All switches and sockets must be installed at least 300mm from internal corner joints to avoid interference with skirting, Profiles, 150mm from doors and 300mm from sink basin to comply with BSDF1.
- The kitchen layout shown is illustrative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room thermostat must be positioned away from heat emitters and away from direct sunlight.
- All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 800mm radius from basin taps, or be related to the mounting of fire through the electrical system; as per section 527.2 of BS EN15658-2 are an exception and can be installed within zone 2.
- Grid switch & hob isolation to be located in unit c/w boxing over catflap below hob. Location TBC by building control prior to final sign off.

Tenuise Specific Notes

- Main television point comprising the following:
 - 2No. Double switched socket outlet
 - 2No. RJ45 UTP Data Point
 - Virgin TV output
- Master bedroom television point comprising the following:
 - 2No. Double Switched socket outlet
 - 2No. RJ45 UTP Data Point
 - 2No. RJ45 UTP Data Point
 - Virgin TV Output
- Smoke and heat alarms shall be mains fed with trickle charging battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted with fire break through the electrical system.
- Under-cupboard lighting to be wired to kitchen circuit. Locations of spurs to be coordinated with kitchen specialist.
- 2 gang switch for bathroom light and extract ventilation boost, with label inside the gear switch of fire through the electrical system.
- Provision for pendant lighting. Final specification of luminare by others
- All switches to be mounted on single faceplate with labelling of multiple circuits.
- 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:
 - Cooker hood
 - Dishwasher
 - Fridge/freezer
 - Oven
 - Wine Cooler
 - Microwave (Combi microwave where applicable)
- All consumer units to be fitted with surge suppression modules.
- Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
- For locations and setting out details of services, refer to typical cupboard drawing.
- All towel rails shall have separate terms and controls located in the MEP cupboard adjacent to confirm the position of the towel rail.
- Secondary bedroom TV point.
 - 2No. Double switched socket outlet
 - 2No. RJ45 UTP data point
 - Virgin TV output
- Each Bedroom has a centralised media box including blank plate, switched as indicated.
- Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
- Thermalist linked to air service within bathroom. Final location to be determined by underfloor heating contractor.

BACKGROUND LAYOUT AS PER: KDS		REVISION	DATE RECEIVED
DRAWING NO:	3596-KDS-BX-DRA-A-06-1140	C2	04.01.2021

Rev	Date	Description	Drawn	Checkd
C	07.11.2021	Updated to as built	LMS	JM
AB	12.11.2021	Updated TV points in secondary bedroom	ZMJ	JM
C6	11.05.2021	External lighting updated	IV	JM
C5	30.04.2021	Wardrobe lighting removed. Balcony lights, sounder and door venting of issue	IV	JM
C4	27.04.2021	Thermosats updated. Sump sockets added.	DP	JM
C3	21.04.2021	Thermosats updated.	IV	JM
C2	01.03.2021	Sockets and towel rail switches updated.	TJH	JM
P1	21.09.2020	www.whitecode.co.uk	AJH	JM
C1	11.03.2020	Preliminary issue	TJH	JM
Current Date	04.01.2021		Drawn	Checkd
Revision	AS BUILT	Scale: 1:50	Size:	A1
Original Issue Date	20.03.2020	Drawn: AJH	Checkd:	JM

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Title: ELECTRICAL SERVICES LAYOUT
Flat Type: 34
Plots: ANIO
Project: HORNSEY TOWN HALL
Client: ARDMORE
Rev: AB

Dwg Number: 10687-E-03-A-0034

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- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01

All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifeline Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02

The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03

All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04

All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05

Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01

Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02

Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03

Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04

Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05

2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06

Provision for pendant lighting. Final specification of luminaire by others

2.07

All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08

8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09

All consumer units to be fitted with surge supplement modules.

2.10

Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11

For locations and setting out details of services, refer to typical cupboard drawing.

2.12

All towel rails shall have separate timers and controls located in the MEP cupboard

2.13

Architect to confirm the position of the towel rail.

2.14

Secondary bedroom TV Point:

- No. Double switched socket outlet
- Quad coaxial outlet
- No. RJ45 outlet data point
- Virgin TV outlet

2.15

Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16

Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17

Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER: KDS ARCHITECTS

DRAWING NO: 3596-KDS-BA-XX-DR-A-06-1125

REVISION: C2

DATE RECEIVED: 04.01.2021

AB

17.11.2022

AS BUILT

IV

JLM

Previous revisions removed for clarity - Refer to previous drawings for issue history.

Rev

Date

Description

Drawn

Chkd

Current purpose: AS BUILT

Scale: 1:50

Size: A1

Original Issue Date: 20.03.2020

Drawn: MJ

Chkd: JM

W

WHITECODE CONSULTING

BUILDING SERVICES DESIGN CONSULTANTS

26-27 The Hill, Northfleet, Gravesend

Kent, DA11 9EU

www.whitecode.co.uk

T: 01322 289977 E: design@whitecode.co.uk

Title:

ELECTRICAL SERVICES LAYOUT

Plots:

AN31

Project:

HORNSEY TOWN HALL

Client:

ARDMORE

Dwg Number:

10687-E-03-A-0035

Rev:

AB

LOW LEVEL SERVICES LAYOUT

MID/HIGH LEVEL SERVICES LAYOUT

DETAIL A - KITCHEN DETAIL LAYOUT

SCALE 1:20

DETAIL B - CUPBOARD DETAIL LAYOUT

SCALE 1:20

Saved: p:\10687_hornsey town hall\02_wda design info\01_drawings\3_electrical apartment layouts\block a\north\as built\10687-e-03-a-0035.dwg

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WARNING TO HOUSE PURCHASERS - Property Misdescriptions Act 1991

Buyers are warned that this is a working drawing and is not intended to be treated as descriptive material describing, in relation to any descriptive material describing, in relation to any descriptive particular property or development, any of the Specific Matters prescribed by an Order made under the above Act. The contents of this drawing may be subject to change at any time & alterations and variations can occur during the progress of the works without revision of the drawing. Consequently the layout, form, contents & dimensions of the finished construction may differ materially from those shown. Nor do the contents of this drawing constitute a contract, part of any contract or a warranty.

NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hob isolator to be located in unit c/w locking out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closed to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliances served:-

- Cooker hood
- Dishwasher
- Fridge/Freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER: KDS ARCHITECTS

DRAWING No:	REVISION:	DATE RECEIVED:
3596-KDS-BA-XX-DR-A-06-1125	CZ	04 01 2021

AB 17.11.2022 [AS BUILT] [IV] [JM]

Previous revisions removed for clarity - Refer to previous drawings for issue history.

Rev	Date	Description	Scale	Size	Chkd
			1:50	A1	

Original Issue Date:	23.03.2020	Dwn:	SP	Chkd:	JM
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W

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Title:

ELECTRICAL SERVICES LAYOUT

Plots:

AN32

Project:

HORNSEY TOWN HALL

Client:

ARDMORE

Dwg Number:

10687-E-03-A-0036

Rev:

AB

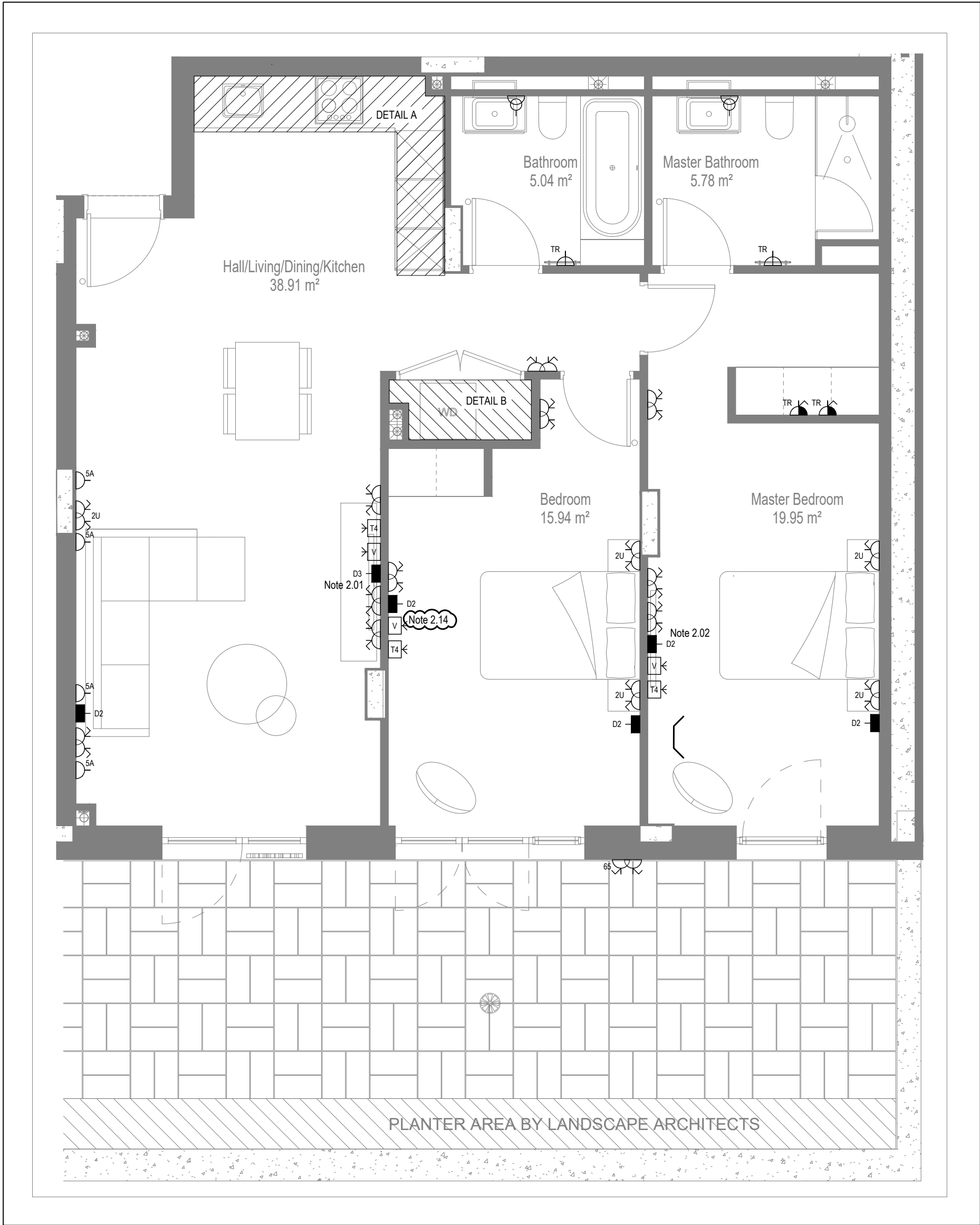
LOW LEVEL SERVICES LAYOUT

MID/HIGH LEVEL SERVICES LAYOUT

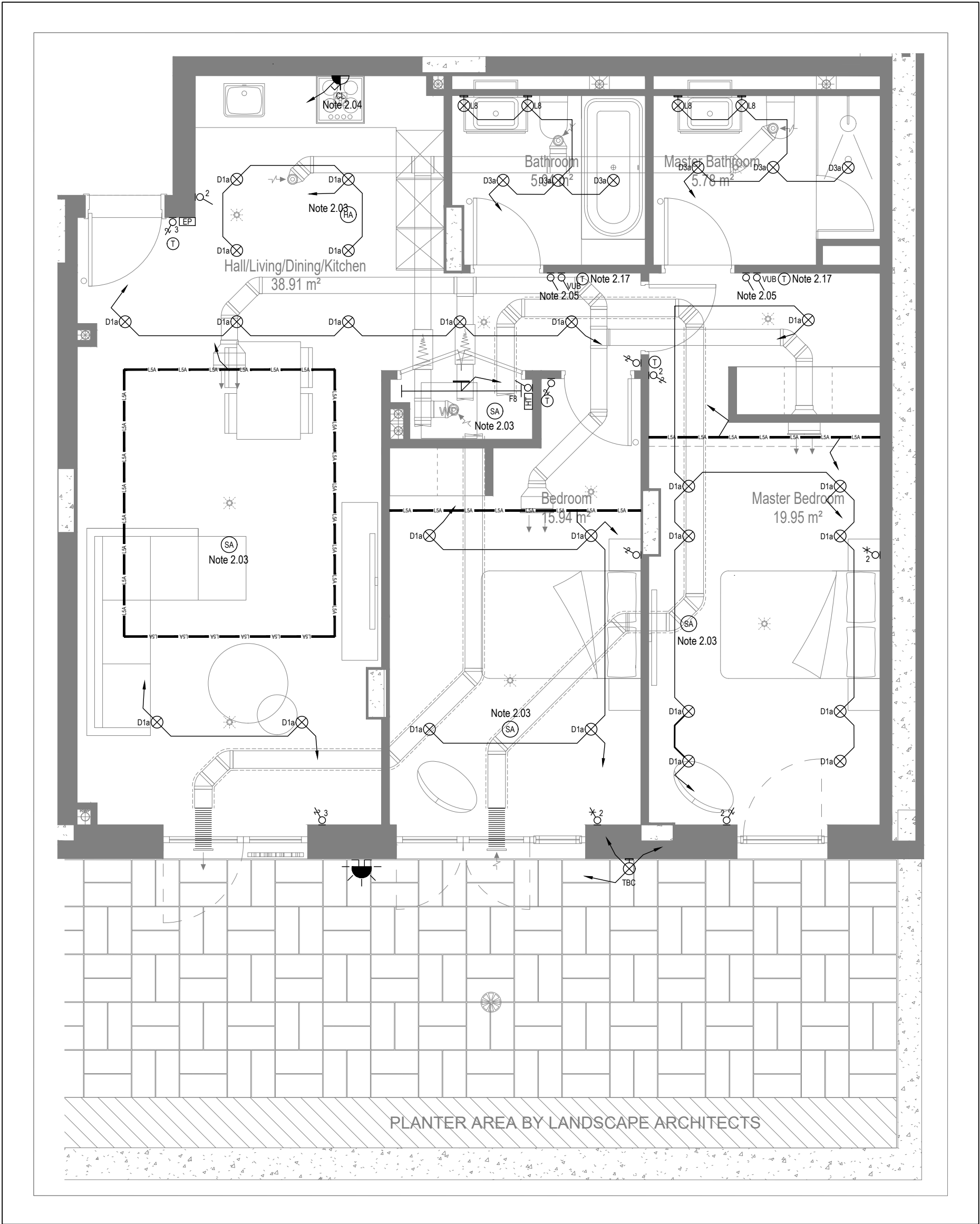
DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20

DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

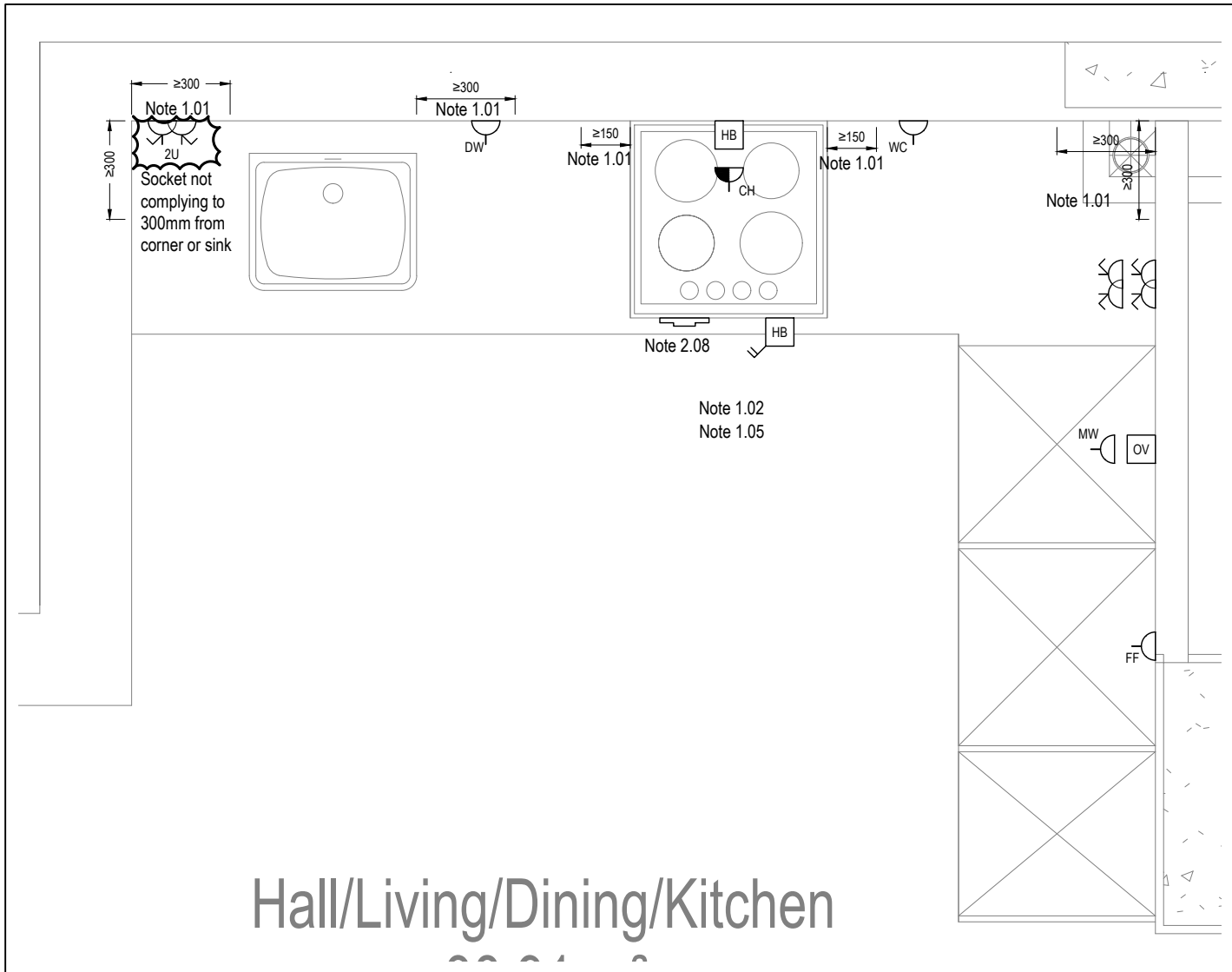
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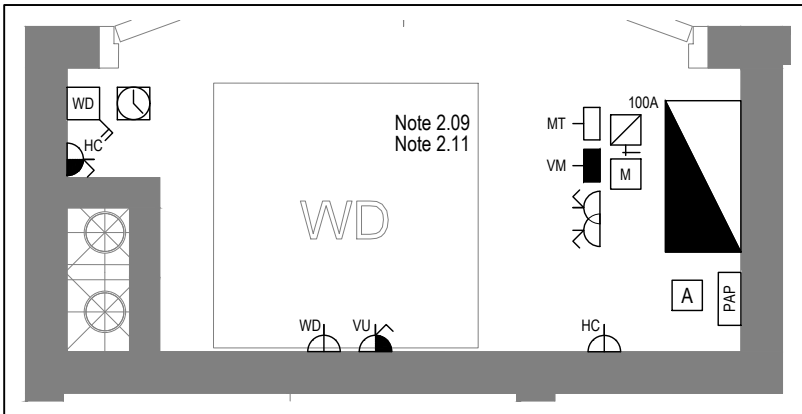
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
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- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard.

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT THERE WERE NO CHANGES ON SITE AGAINST THE CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS			
DRAWING NO:	REVISION:	DATE RECEIVED:	
3569-KDS-BA-XX-DR-A-06-101	C4	13.09.2021	

AB	03.02.2023	AS Built	IV	JM
C3	11.11.2021	Updated Tv points in secondary bedrooms	ZM	JM
C2	27.08.2021	Sockets and towel rail switches updated. Thermostats updated. Sump sockets added. Wardrobe lighting removed.	IV	JM
C1	11.09.2020	Construction Issue	TN	JM
PI	16.04.2020	Preliminary Issue	SP	JM
Rev	Date	Description	Dwn	Chkd

Current purpose:	AS BUILT	Scale: 1:50	Size: A1
Original Issue Date:	16.04.2020	Dwn: SP	Chkd: JM

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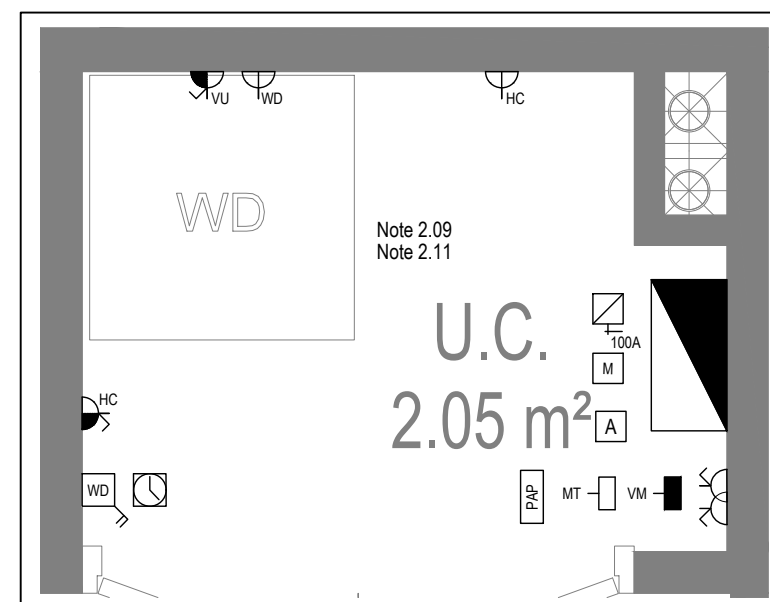
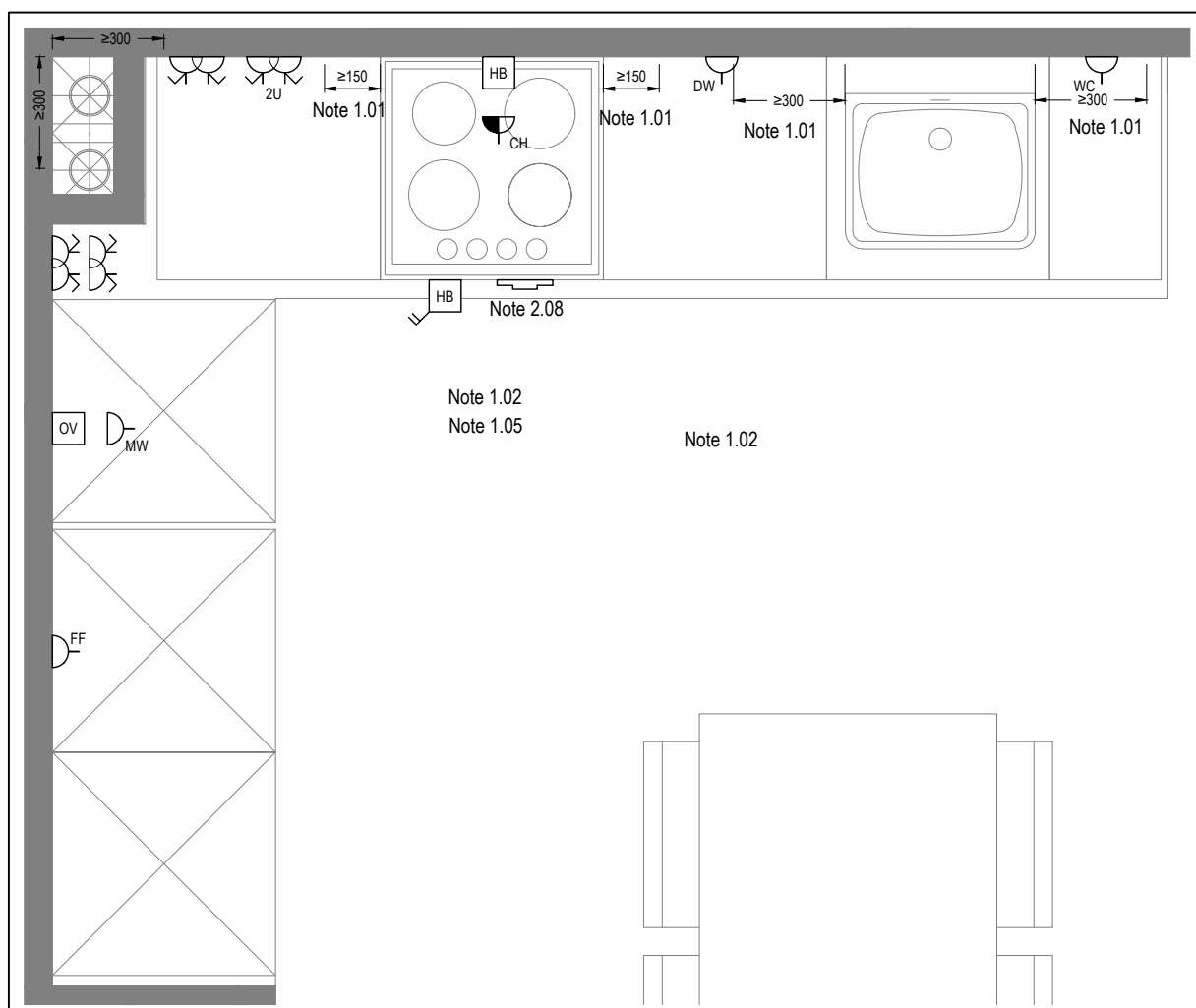
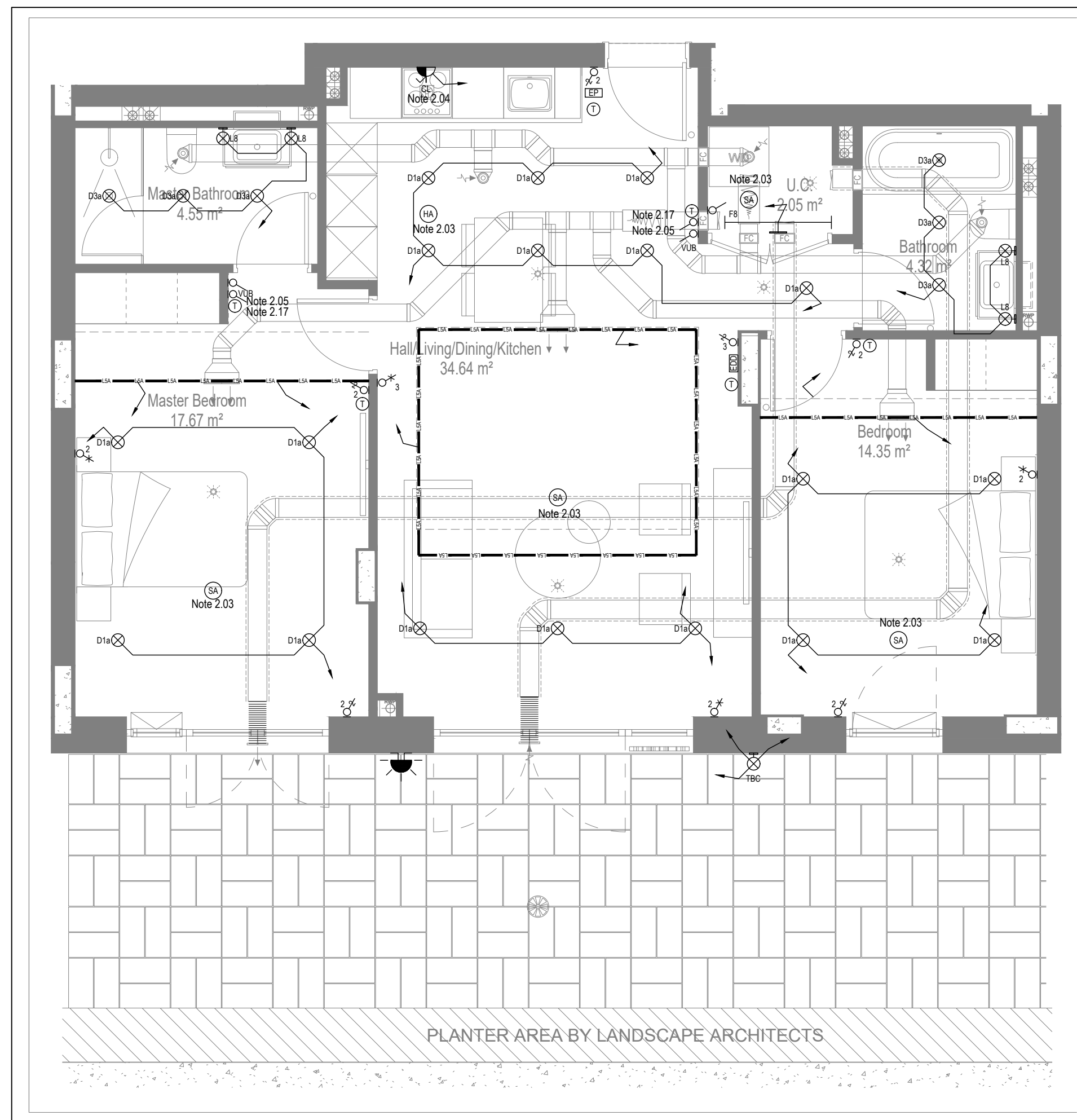
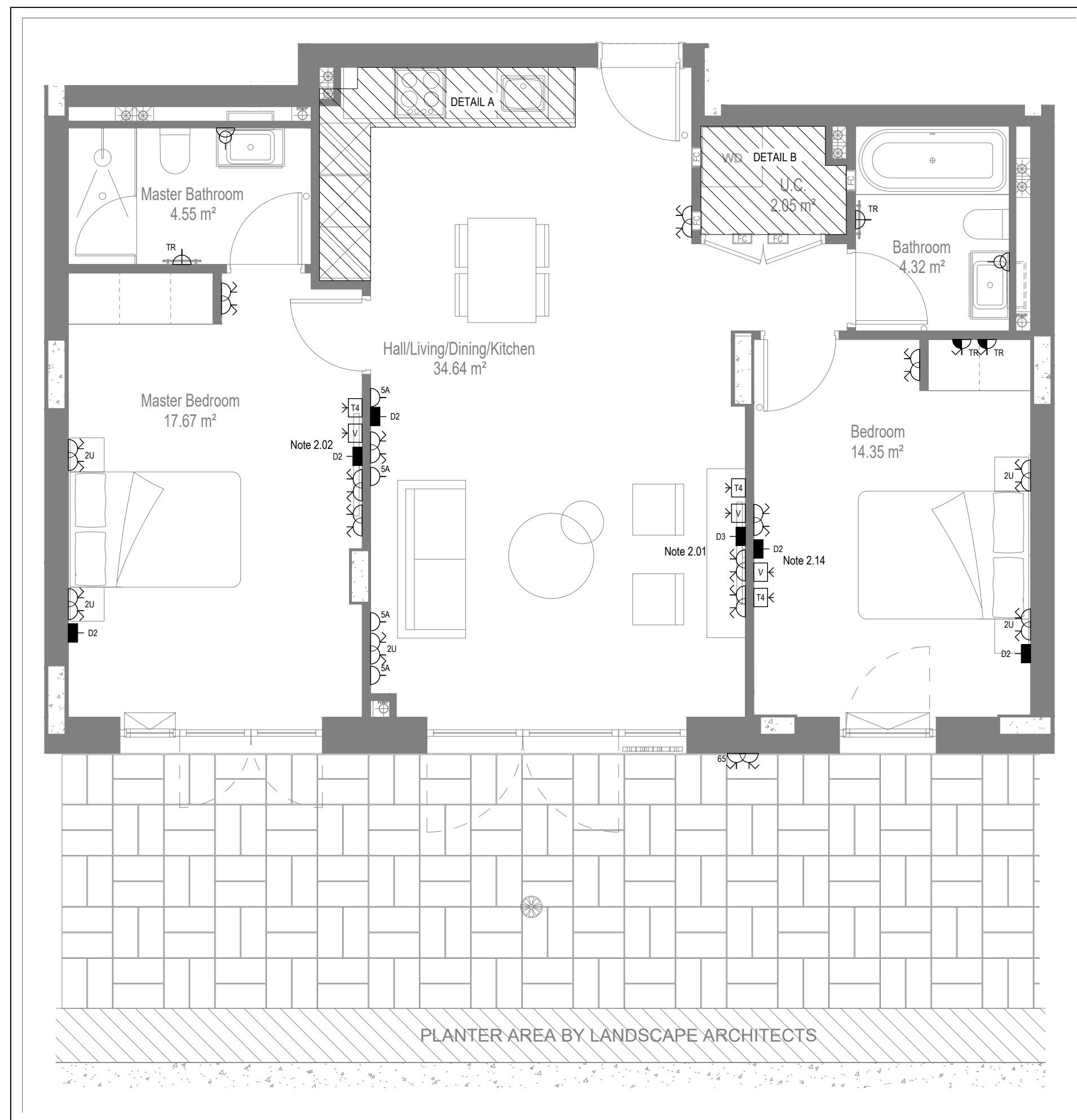
Title: ELECTRICAL SERVICES LAYOUT
FlAT TYPE 01

Plots: B01

Project: HORNSEY TOWN HALL

Client: ARDMORE	Rev: AB
Dwg Number: 10687-E-03-B-0001	

Save: 1192.168.10\projects\10687_hornsey town hall\02_wda design\info\01_drawing\01_electrical apartment layouts\block 01\10687-e-03-b-0001.dwg



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NOTES

General Electrical Notes

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- Dimensioned setting out details to be confirmed by architect.
- All accessories are to be supplied with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

- 1.01 All switches and sockets must be installed at least 300mm from internal corner to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7571.
- 1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
- 1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.
- 1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a partition or at least 600mm radius from basin taps, or be rated to include protection (zone 1 & 2) or IPX7 zone 0. Shower sockets compliant with BS EN15550 are an exception to this and may be installed within zone 2.
- Grid Switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

- 2.01 Main television point comprising the following:
 - 2No. Double switched socket outlet
 - Quaid coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- 2.02 Master bedroom television point comprising the following:
 - 2No. Double switched socket outlet
 - Quaid coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- 2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be intermonitored to provide a common alarm upon activation of any unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted w/c relay base for connection to landlord's fire alarm system.
- 2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
- 2.05 2-gang switch for bathroom light and external ventilation boost, with label inside the mounting box warning of multiple circuits.
- 2.06 Provision for pendant lighting. Final specification of luminaires by others
- 2.07 Switches to be mounted on single faceplate with label warning of multiple circuits
- 2.08 6-gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliances served:
 - Cooker hood
 - Dishwasher
 - Fridge/freezer
 - Oven
 - Wine Cooler
 - Microwave (Cambi microwave where applicable)
 - VUB
- 2.09 All consumer units to be fitted with surge supplement modules.
- 2.10 Refer to kitchen layouts for positions of electrical appliances before any installation
- 2.11 For locations and setting out details of services, refer to typical cupboard drawing.
- 2.12 All towel rails shall have separate terms and controls located in the MEP cupboard
- 2.13 Archited to confirm the position of the towel rail.
- 2.14 Secondary bedroom TV Point:
 - 1No. Double switched socket outlet
 - Quaid coaxial outlet
 - 2No. RJ45 outlet data point
 - Virgin TV outlet
- 2.15 Pre-wire for future luminaire within Besa box including single point, switched as indicated.
- 2.16 Switched feed connection unit located in ceiling void to serve fan coil unit. Switched feed connection unit must be positioned within 300mm of final access point.
- 2.17 The main bathroom. Final location of all sensor TBC by underfloor heating contractor.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS		
DRAWING No: 3596-KDS-BA-XX-DR-A-06-102	REVISION: C4	DATE RECEIVED: 13.09.2021

AB	03.02.2023	AS Built	IV	JM
C3	11.11.2021	Updated Tv points in secondary bedrooms	ZM	JM
C2	27.08.2021	Sockets and towel rail switches updated. Thermostats updated. 5amp sockets added.Wardrobe lighting removed.	IV	JM
C1	11.09.2020	Construction issue	TN	JM
P1	16.04.2020	Preliminary issue	MJ	JM
Rev	Date	Description	Dwn	Chkd

Current purpose:	AS BUILT	Scale: 1:50	Size: A1
Original Issue Date:	16.04.2020	Drwn: MJ	Chkd: JM

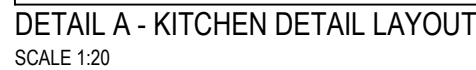
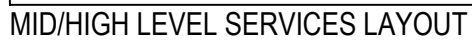

WHITECODE
 CONSULTING

Title: ELECTRICAL SERVICES LAYOUT
FLAT TYPE 02

Plots: B02

Project:

Client:	ARDMORE	Rev: AB
Dwg Number:	10687-E-03-B-0002	



DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

Title:		ELECTRICAL SERVICES LAYOUT FLAT TYPE 03	
Plots:		B03	
Project: HORNSEY TOWN HALL			
Client:		ARDMORE	Rev: AB
Dwg Number:		10687-E-03-B-0003	

NOTES

General Electrical Notes

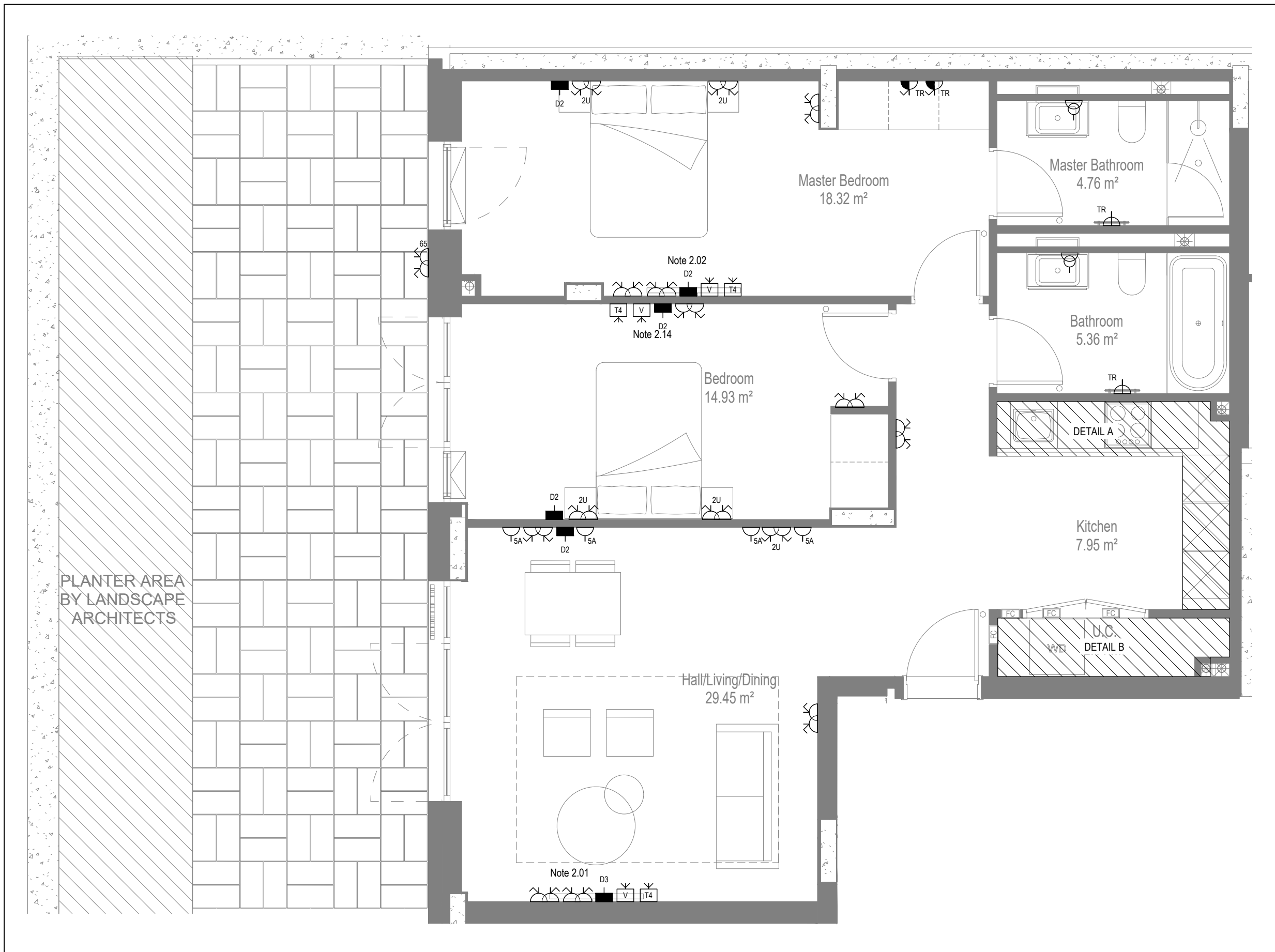
- Mechanical services show for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information. All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671. This drawing to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be raised with the WD, before works commence.
- Room Thermalist location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermalist must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

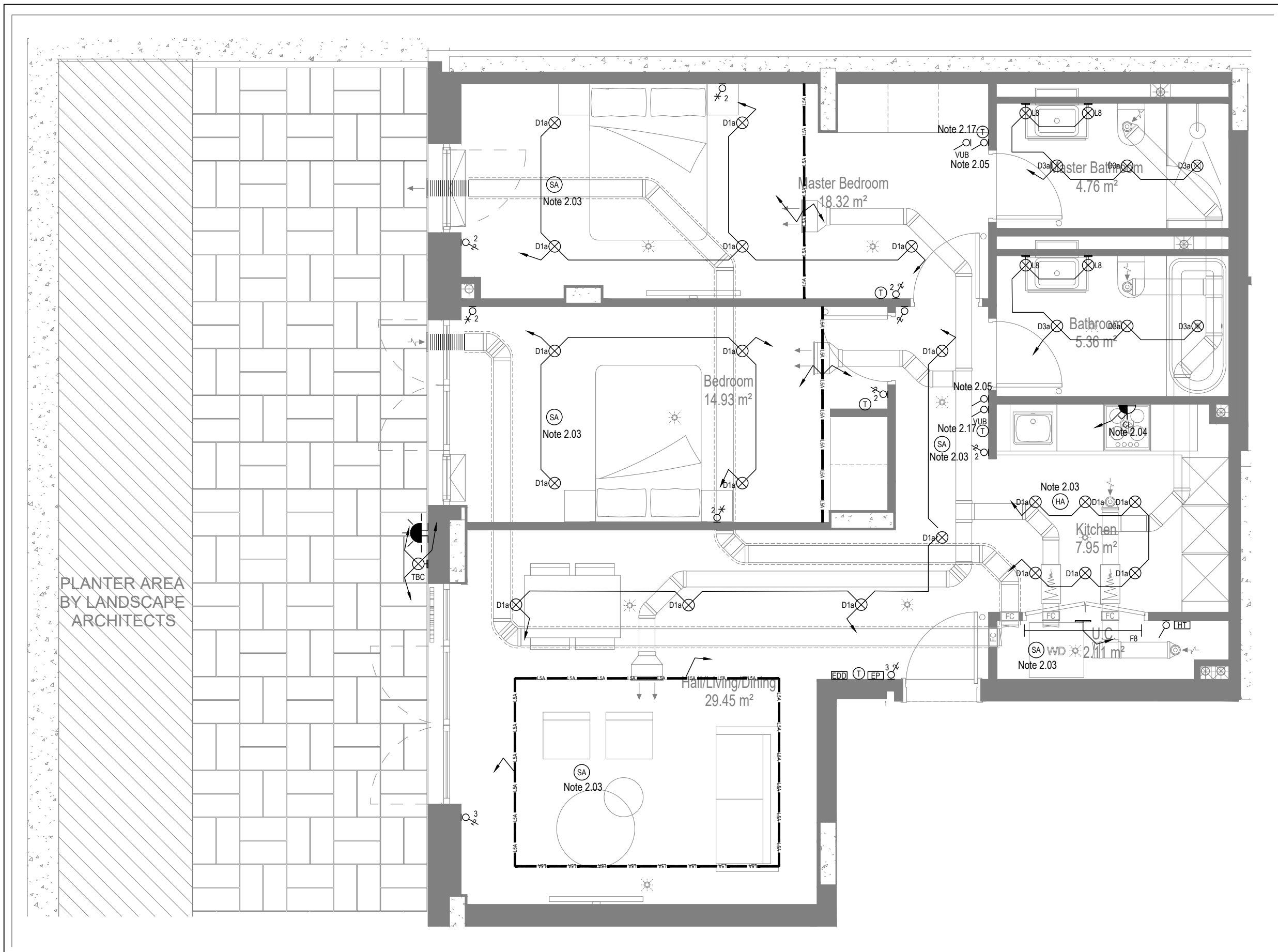
- 1.01 All switches and sockets must be installed at least 300mm from internal corners to meet the requirements of Lifetime Homes, 150mm from bases and 300mm from sink basin to comply with BS7571.
- 1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
- 1.03 All wiring accessories shown as being installed on party walls must be installed off in the adjoining property such that they are not back-to-back on the party wall.
- 1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of the slab or shower pan. All electrical radii from basin taps, or be rated IPXX (bath zone 1 & 2) or IPXX (zone 0). Shower sockets compliant with BS EN15458 are an exception and can be installed within zone 2.
- 1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

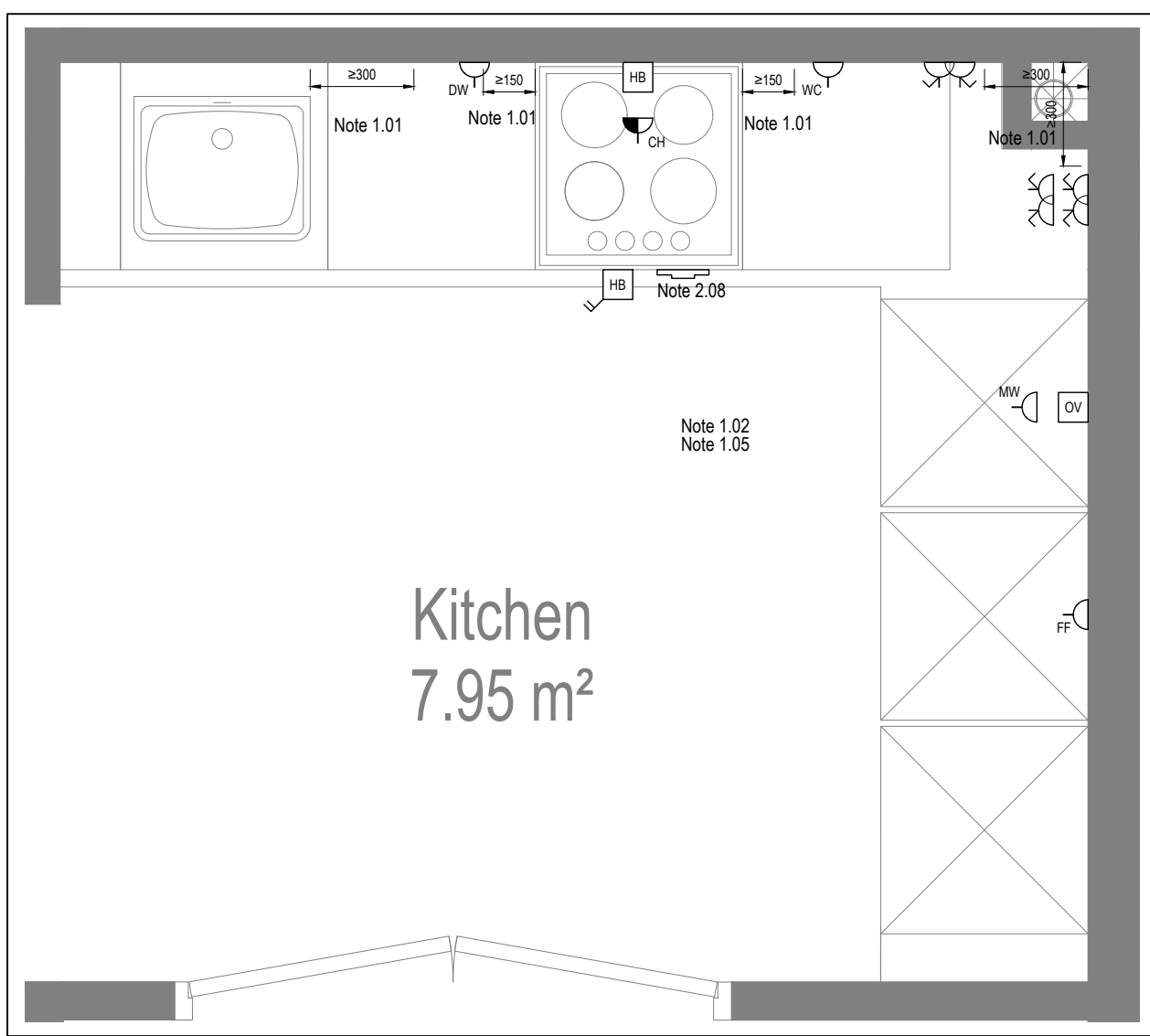
- 2.01 Main television point comprising the following:
- 2No. Double switched socket outlet
 - Qued coaxial outlet
 - 3No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- 2.02 Master bedroom television point comprising the following:
- 2No. Double switched socket outlet
 - Qued coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- 2.03 Smoke and fire alarms shall be smoke fed with trickle charged battery backup. All appliances from ceiling shall be interconnected to provide a common alarm upon detection at any one unit. All mains fed and alarm warning must be positioned at least 300mm from any fire or other obstruction. Detector located to apartment entrance shall be fitted or relay base to connect to landlord's fire alarm system.
- 2.04 All ceiling lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
- 2.05 2 gang switch for bathroom light and extract ventilation cover, with label inside the mounting box warning of multiple circuits.
- 2.06 Provision for pendant lighting. Full specification of luminaires by others
- 2.07 All switches to be mounted on single faceplate with label warning of multiple circuits
- 2.08 6 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:
- Cooker hood
 - Dishwasher
 - Fridge/freezer
 - Oven
 - Wine Cooler
 - Microwave (Combi microwave where applicable)
 - VUB
- 2.09 All consumer units to be fitted with surge supplement modules.
- 2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
- 2.11 For locations and setting out details of services, refer to typical cupboard drawing.
- 2.12 All towel rails shall have separate timers and controls located in the MEP cupboard
- 2.13 Architect to confirm the position of the towel rail.
- 2.14 Steps below TV Point
- No. Double switched socket outlet
 - Qued coaxial outlet
 - RJ45 outlet data point
 - Virgin TV outlet
- 2.15 Pre-wire for future luminaires within Base box including blank plate, switched as indicated.
- 2.16 Switched fused access unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
- 2.17 All ceiling lighting to be wired to kitchen lighting circuit. Locations of all sensor TBC by underfloor heating contractor.



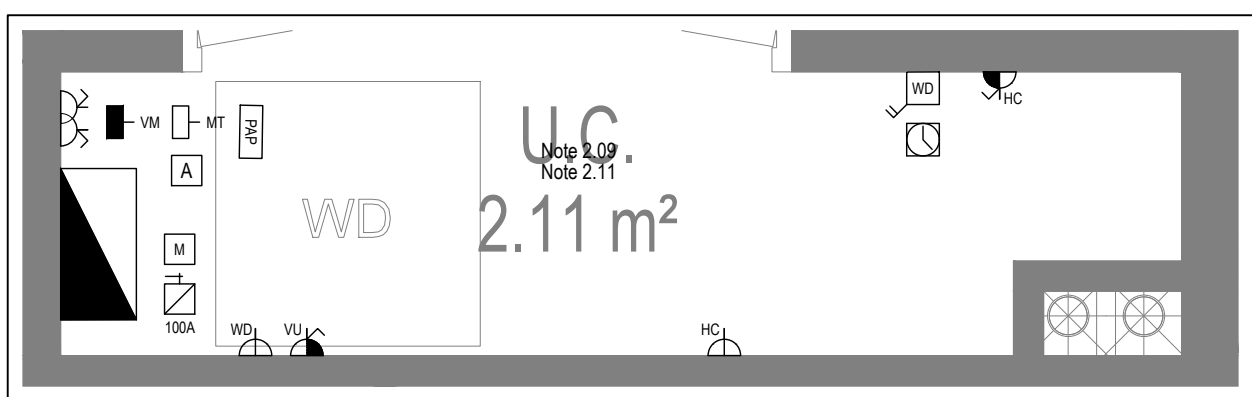
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS		
DRAWING No: 3596-KDS-BA-XX-DR-A-06-104	REVISION: C4	DATE RECEIVED: 13.09.2021

AB	03.02.2023	AS Built	IV	JM
C2	11.11.2021	Updated Tv points in secondary bedrooms	ZM	JM
C1	27.08.2020	Construction issue	TN	JM
P1	16.04.2020	Preliminary issue	MJ	JM
Rev	Date	Description	Drawn	Chkd


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 Kent, DA11 9EU
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Title:	ELECTRICAL SERVICES LAYOUT FLAT TYPE 04
Plots:	B04

Client:	ARDMORE	Rev: AB
Dwg Number:	10687-E-03-B-0004	

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
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- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
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- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point:

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT THERE WERE NO CHANGES ON SITE AGAINST THE CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS			
DRAWING NO:	3569-KDS-BA-XX-DR-A-06-105	REVISION:	CS
DATE RECEIVED:	19.04.2022		

AB	03.02.2023	AS Built	IV	JM
C3	11.11.2021	Updated Tv points in secondary bedrooms	ZM	JM
C2	27.08.2021	Sockets and towel rail switches updated. Thermostats updated. Sump sockets added Wardrobe lighting removed.	IV	JM
C1	14.09.2020	Construction Issue	TN	JM
P1	16.04.2020	Preliminary Issue	SP	JM
Rev	Date	Description	Size	Chkd
			Drwn	

Current purpose:	AS BUILT	Scale:	1:50	Size:	A1
Original Issue Date:	16.04.2020	Drwn:	SP	Chkd:	JM

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Electrical Services Layout

FLAT TYPE 05

B11

Project:

HORNSEY TOWN HALL

Client:

ARDMORE

Rev:

AB

Dwg Number:

10687-E-03-B-0005

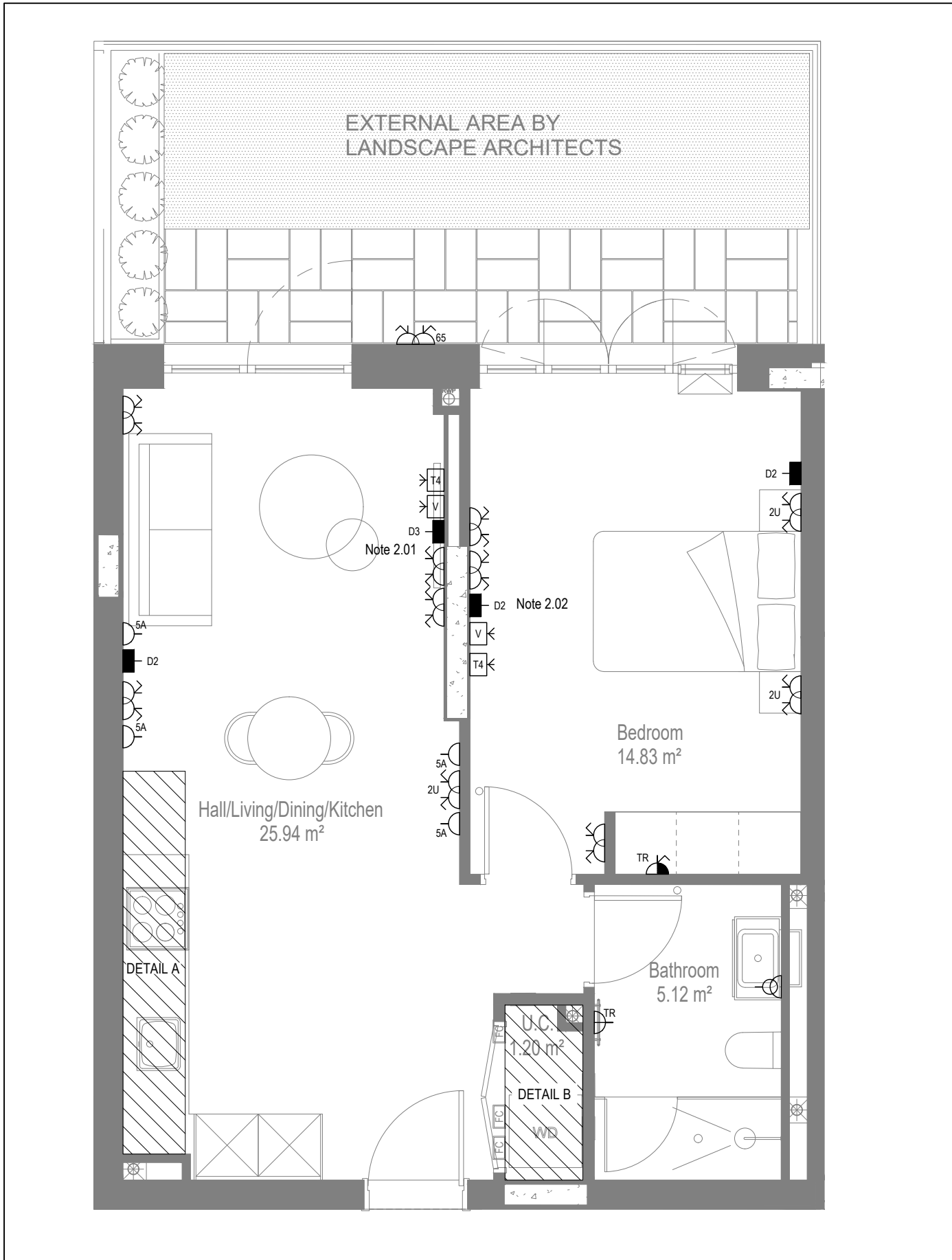
LOW LEVEL SERVICES LAYOUT

MID/HIGH LEVEL SERVICES LAYOUT

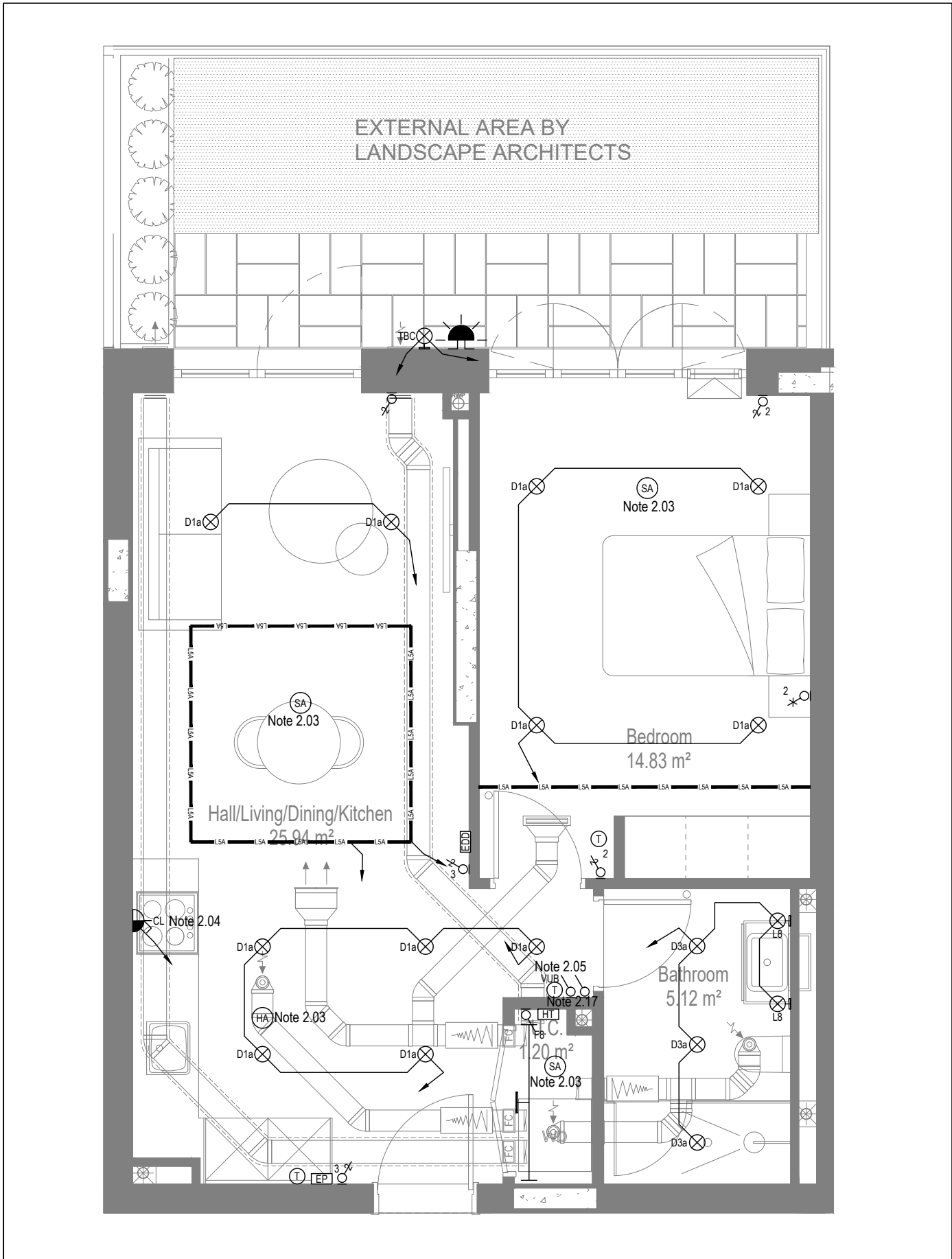
DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20

DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

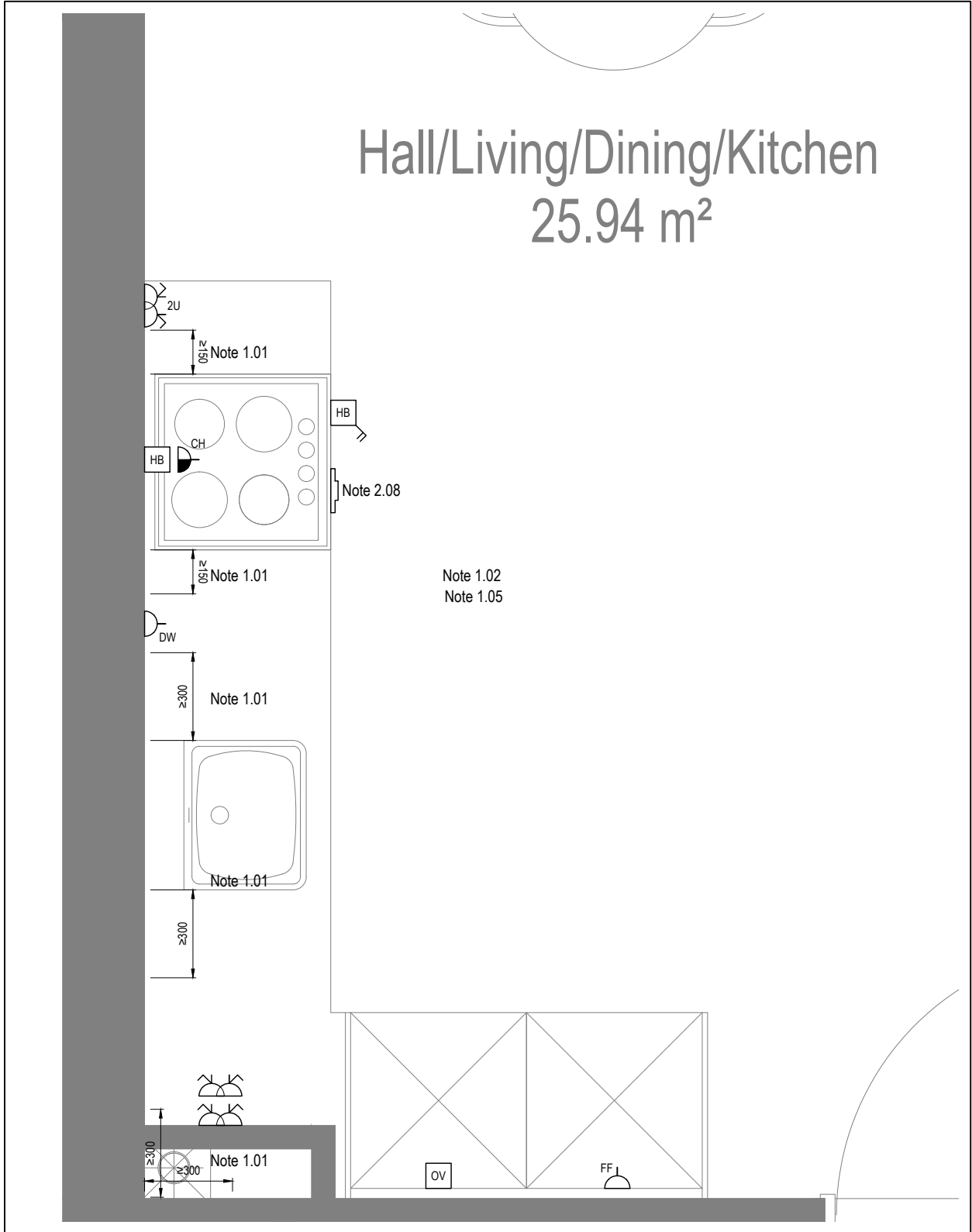
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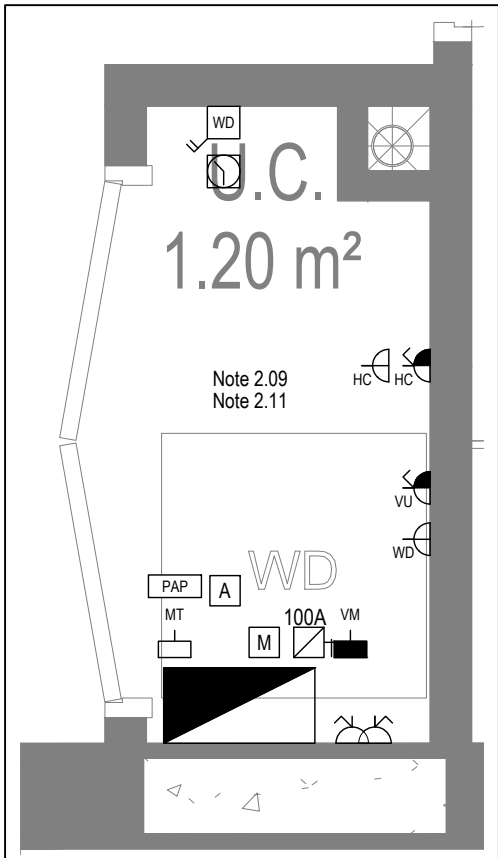
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
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Electrical Installation Notes

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1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

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2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point:

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT THERE WERE NO CHANGES ON SITE AGAINST THE CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS

DRAWING NO: 3569-KDS-BA-XX-DR-A-06-106	REVISION: C4	DATE RECEIVED: 19.04.2022
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AB	03.02.2023	AS Built	IV	JM
C2	11.11.2021	Updated Tv points in secondary bedrooms	ZM	JM
G1	27.08.2021	Construction Issue	IV	JM
Rev	Date	Description	Size	Chkd
Current purpose:	AS BUILT	Scale: 1:50	Size: A1	
Original Issue Date:	27.08.2021	Drawn: IV	Chkd: JM	

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Title: ELECTRICAL SERVICES LAYOUT
Plots: B12
Project: HORNSEY TOWN HALL

Client: ARDMORE
Dwg Number: 10687-E-03-B-0006

Rev: AB

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Tenure Specific Notes

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DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT THERE WERE NO CHANGES ON SITE AGAINST THE CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS			
DRAWING NO:	3596-KDS-BA-XX-DR-A-06-109	REVISION:	C1
DATE RECEIVED:	29.07.2021		

AB	03.02.2023	AS Built	IV	JM
C2	11.11.2021	Updated Tv points in secondary bedrooms	ZM	JM
	27.08.2021	Sockets and towel rail switches updated. Thermostats updated. Sump sockets added Wardrobe lighting removed.	IV	JM
C1	18.09.2020	Construction Issue	TN	JM
P1	16.04.2020	Preliminary Issue	MJ	JM
Rev	Date	Description	Drawn	Chkd
Current purpose:	AS BUILT	Scale: 1:50	Size: A1	
Original Issue Date:	16.04.2020	Drawn: MJ	Chkd: JM	



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Title:

ELECTRICAL SERVICES LAYOUT
BLOCK B FLAT TYPE 08

Plots:

B14, B24, B34, B44, B54, B64

Project:

HORNSEY TOWN HALL

Client:

ARDMORE

Rev:

AB

Dwg Number:

10687-E-03-B-0008

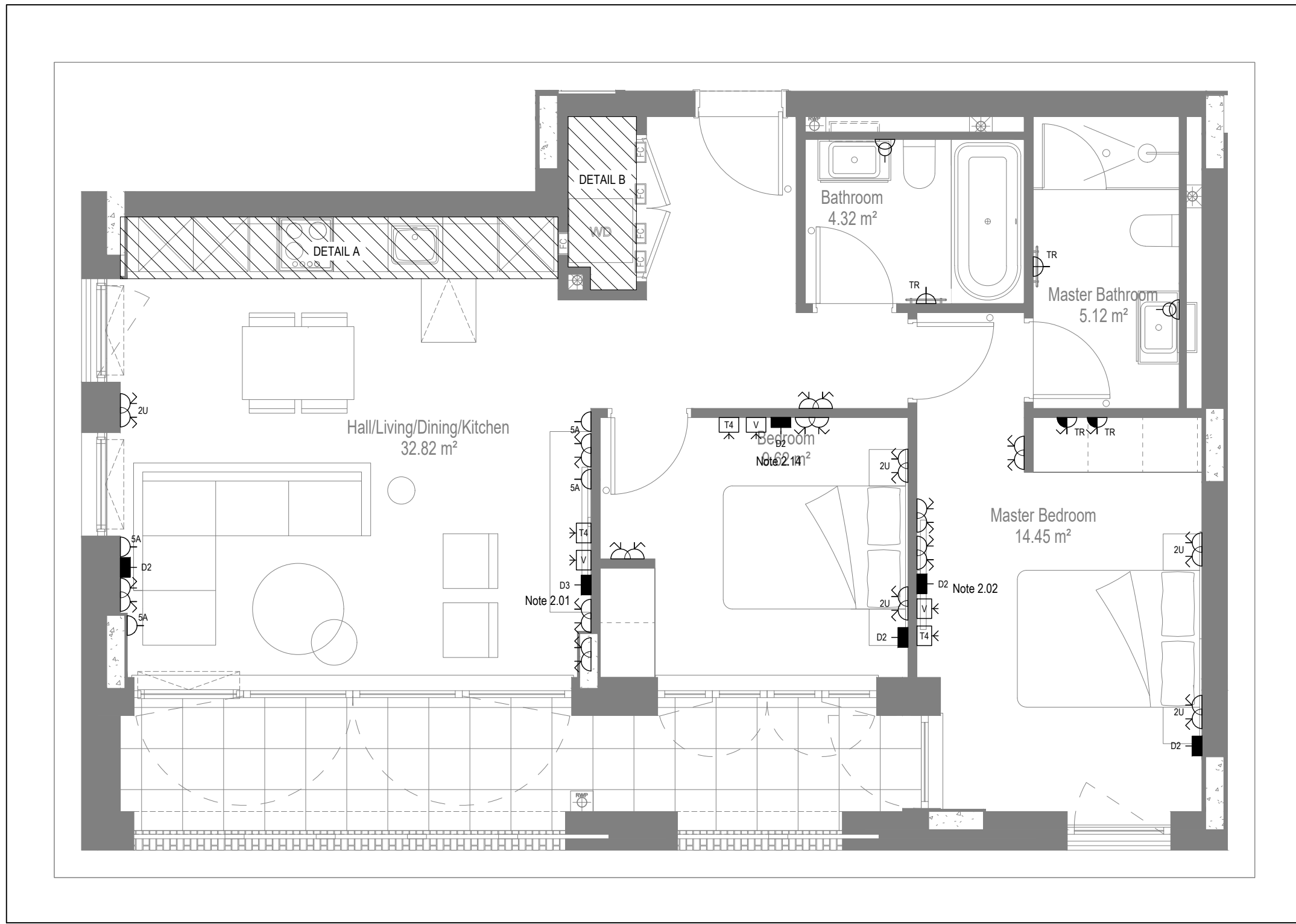
LOW LEVEL SERVICES LAYOUT

MID/HIGH LEVEL SERVICES LAYOUT

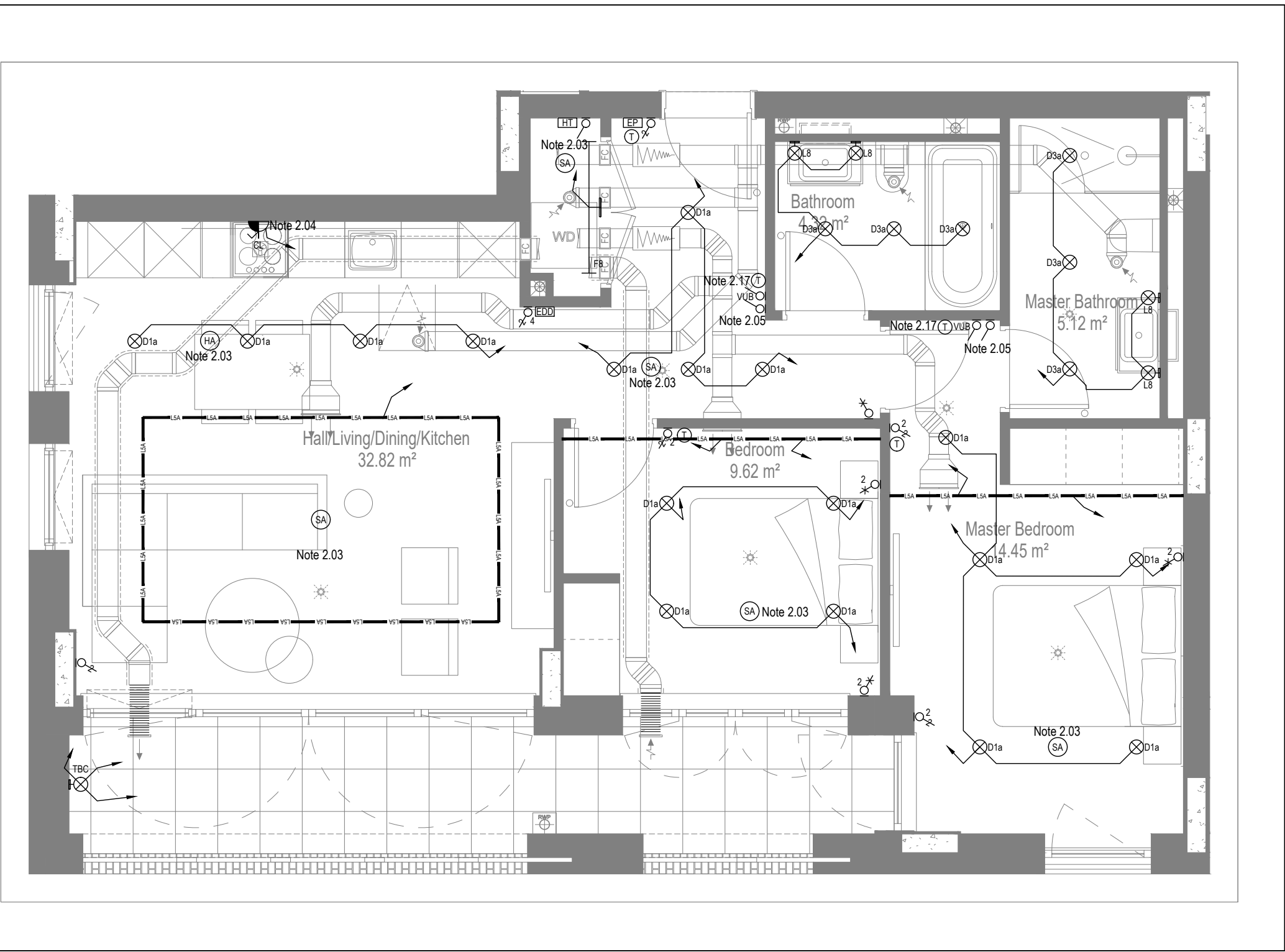
DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20

DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

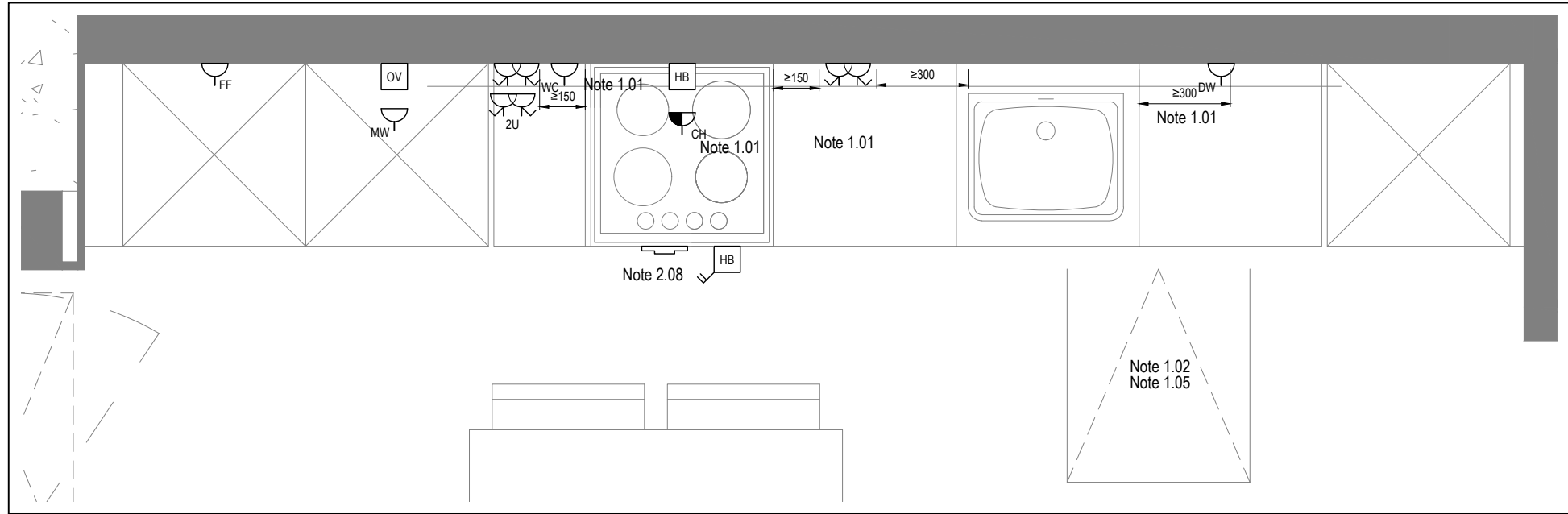
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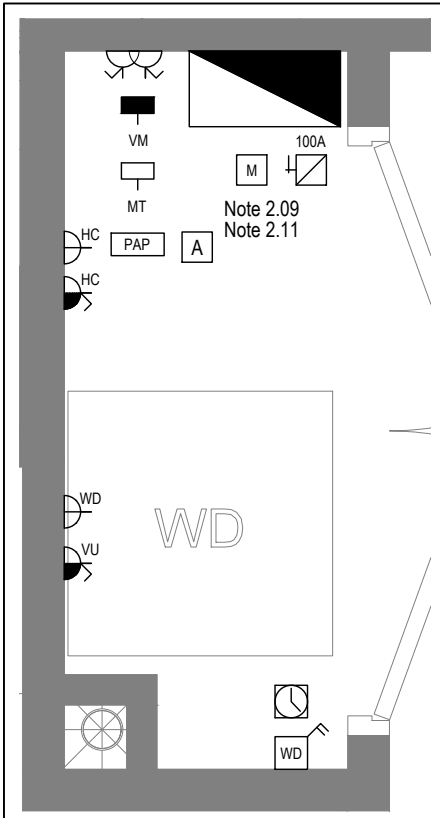
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point:

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS			
DRAWING NO: 3596-KDS-BA-XX-DR-A-06-110	REVISION: C1	DATE RECEIVED: 29.07.2021	

AB	03.02.2023	AS Built	IV	JM
C3	11.11.2021	Updated Tv points in secondary bedrooms	2M	JM
C2	27.06.2021	Sockets and towel rail switches updated. Thermostats updated. Sump sockets added. Wardrobe lighting removed.	IV	JM
C1	18.09.2020	Construction Issue	TN	JM
PI	16.04.2020	Preliminary Issue	MJ	JM
Rev	Date	Description	Drwn	Chkd
Current purpose: AS BUILT		Scale: 1:50	Size: A1	
Original Issue Date: 16.04.2020		Drwn: MJ	Chkd: JM	

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Title:
ELECTRICAL SERVICES LAYOUT
BLOCK B FLAT TYPE 09

Plots:
B15, B25, B35, B45, B55, B65

Project:
HORNSEY TOWN HALL

Client:
ARDMORE

Dwg Number:
10687-E-03-B-0009

Rev:
AB

Save: 1192.168.10\projects\10687_hornsey town hall\02_wda design info\01_drawing\03_electrical apartment layouts\block b\10687-e-03-b-0009.dwg

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN1558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main installation point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VJB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point:

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT THERE WERE NO CHANGES ON SITE AGAINST THE CONSTRUCTION ISSUE DRAWING			
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BACKGROUND PLAN AS PER: KDS		DATE RECEIVED:
DRAWING NO: 3596-KDS-BA-XX-DR-A-06-111	REVISION: C1	29.07.2021

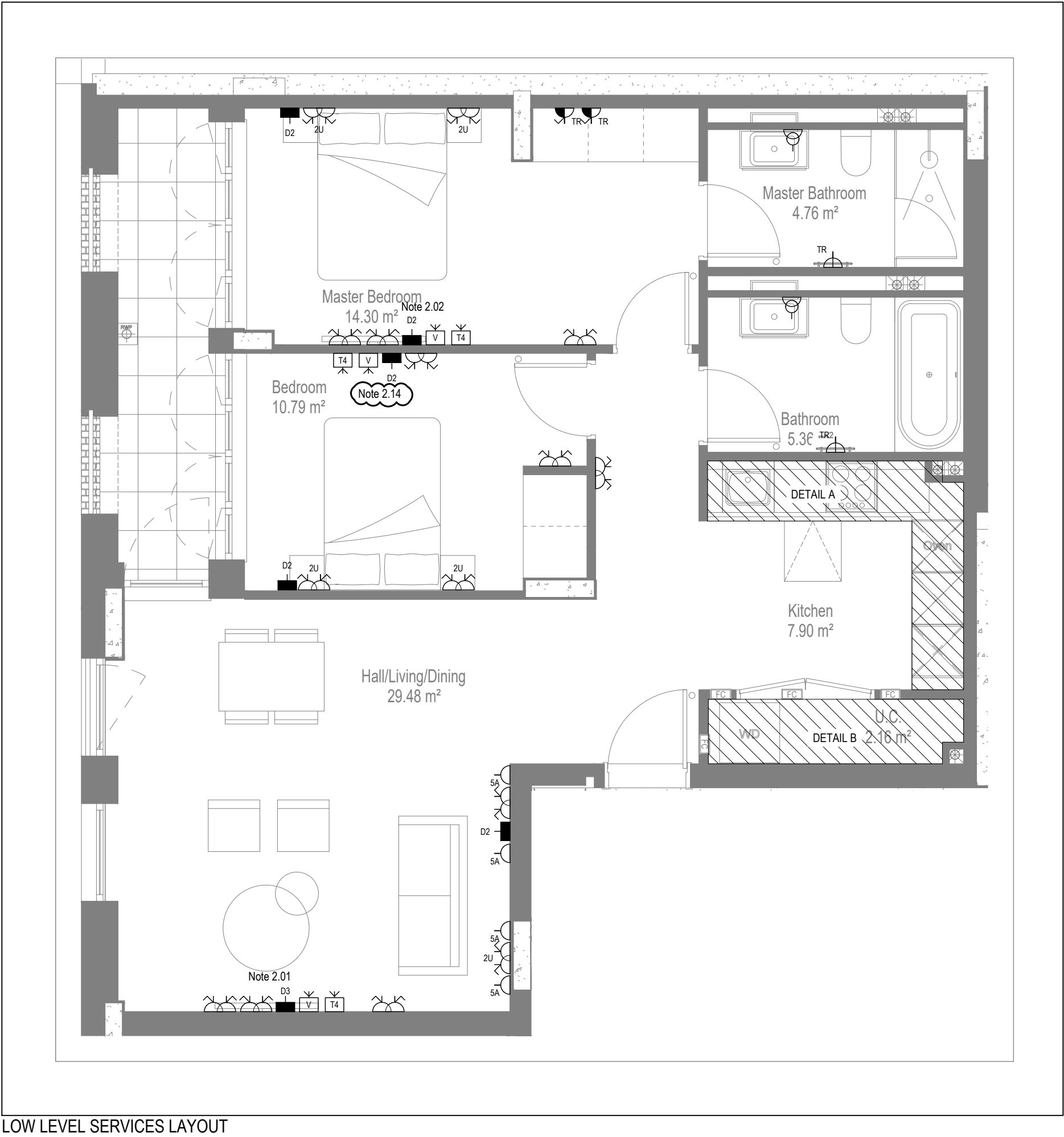
AB	03.02.2023	AS Built	IV	JM
C2	11.11.2021	Updated Tv points in secondary bedrooms	ZM	JM
C1	27.08.2021	Construction Issue	TN	JM
P1	16.04.2020	Preliminary Issue	MJ	JM

Rev	Date	Description	Drawn	Chkd
Current purpose: AS BUILT Scale: 1:50 Size: A1				
Original Issue Date: 16.04.2020 Drawn: MJ Chkd: JM				

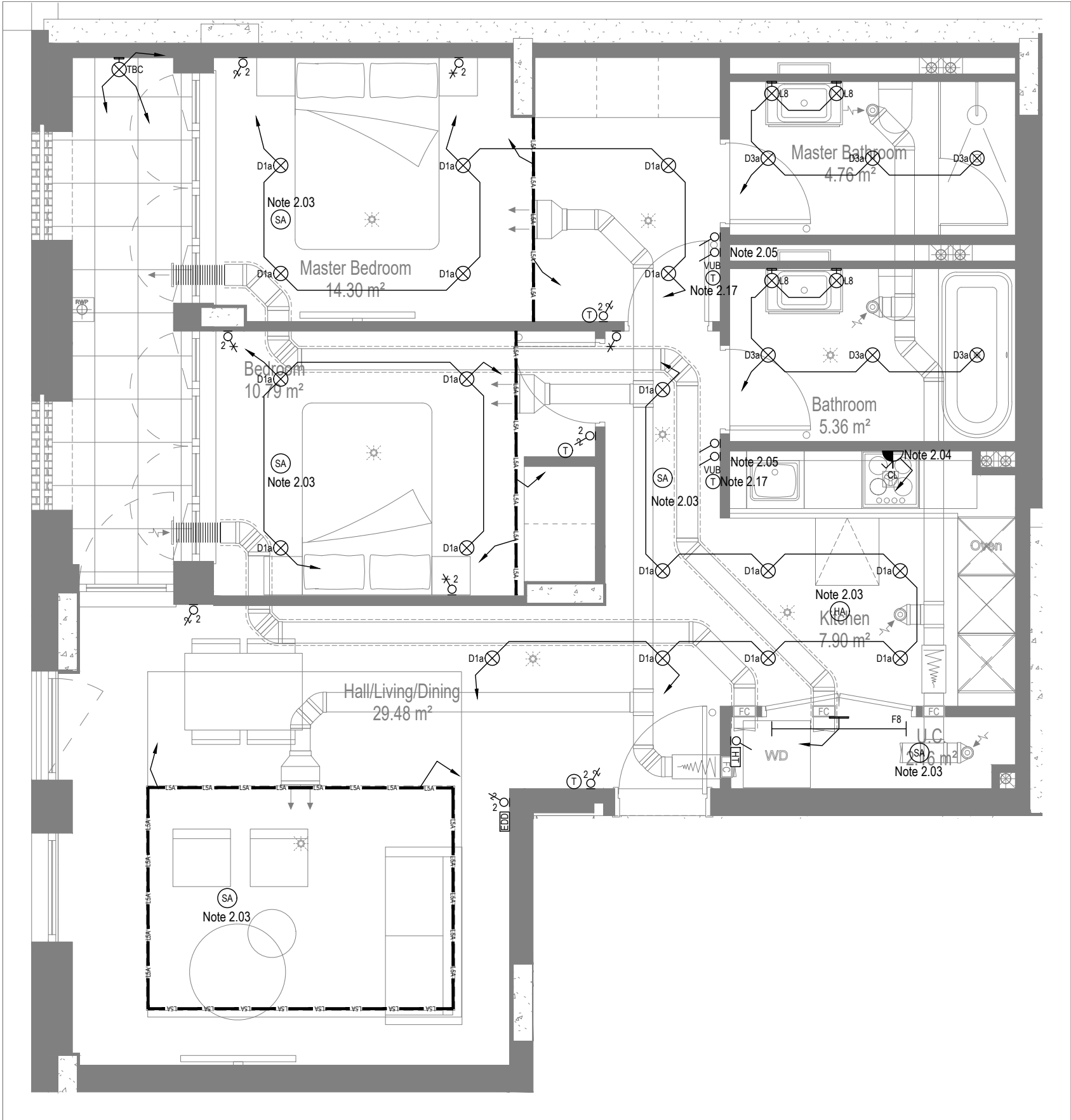
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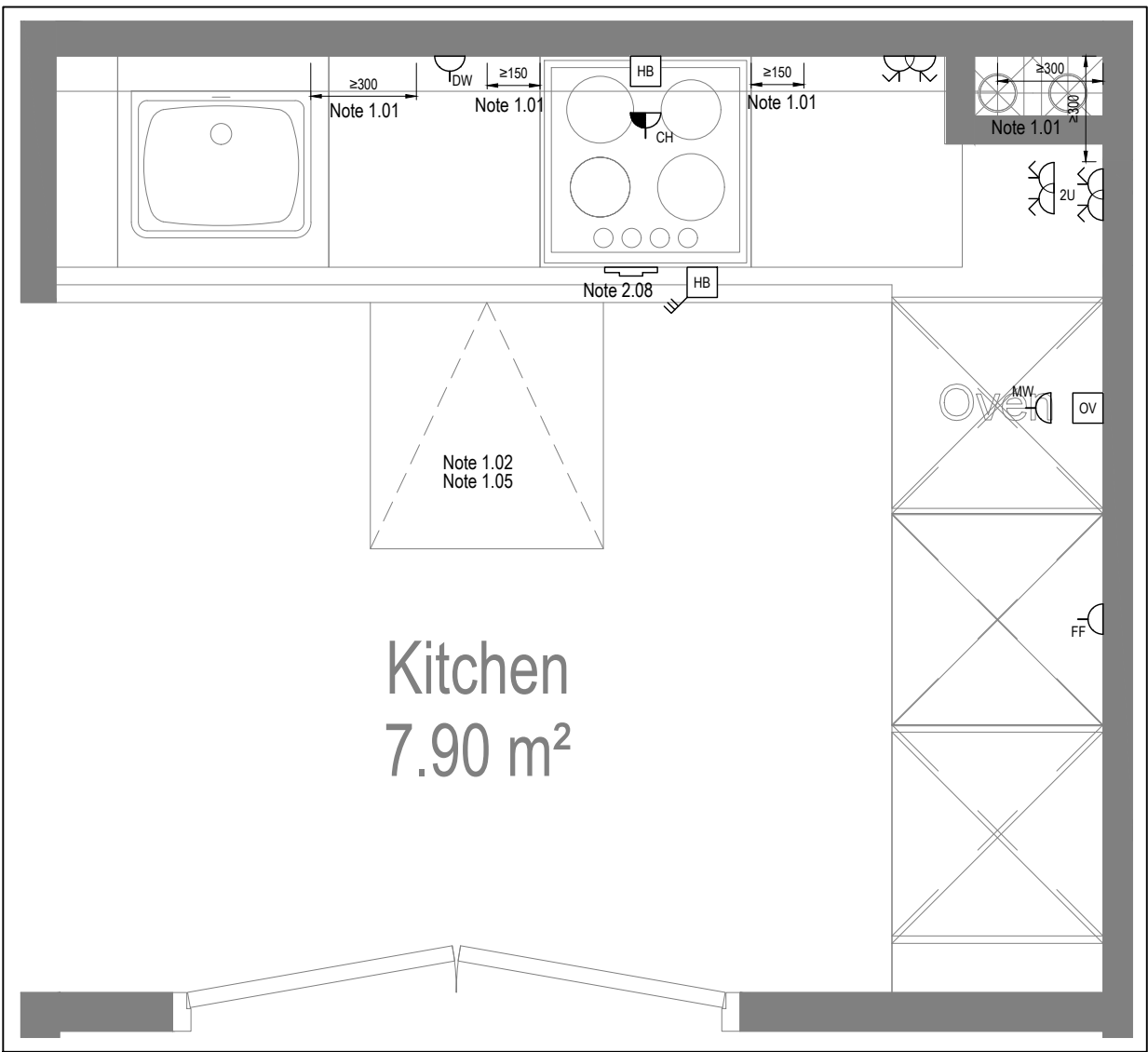
Title: ELECTRICAL SERVICES LAYOUT FLAT TYPE 10	
Plots: B16, B36, B56	
Project: HORNSEY TOWN HALL	
Client: ARDMORE	Rev: AB
Dwg Number: 10687-E-03-B-0010	



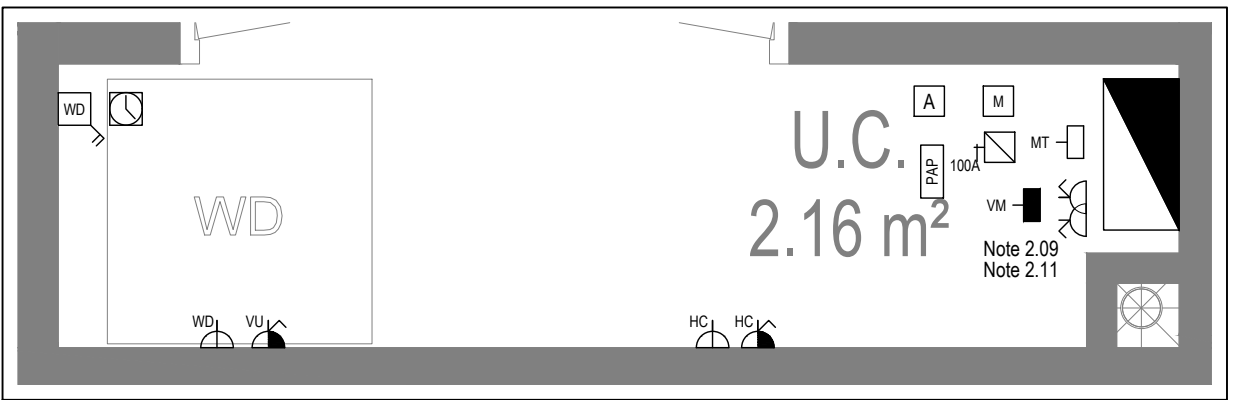
LOW LEVEL SERVICES LAYOUT



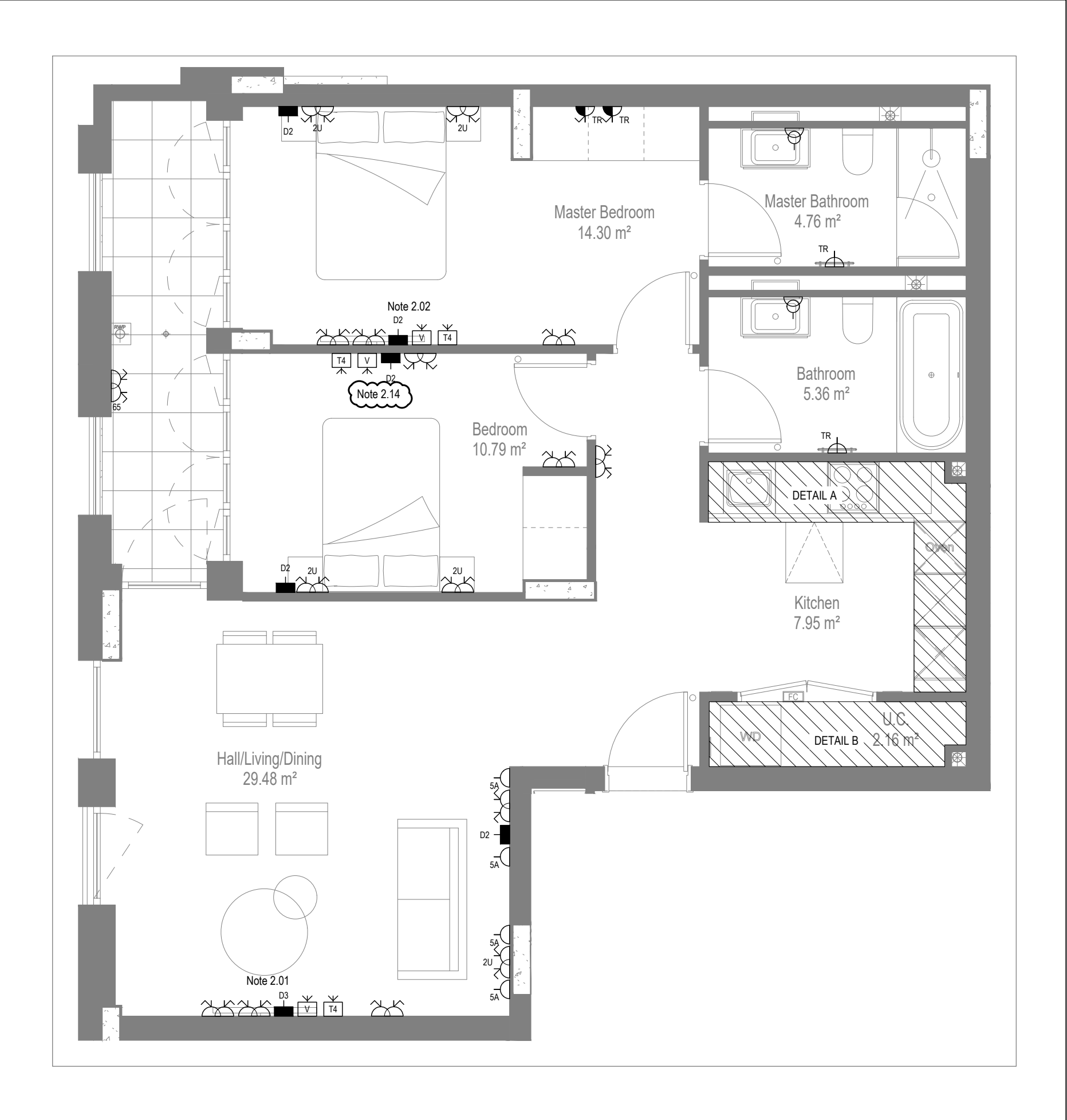
MID/HIGH LEVEL SERVICES LAYOUT



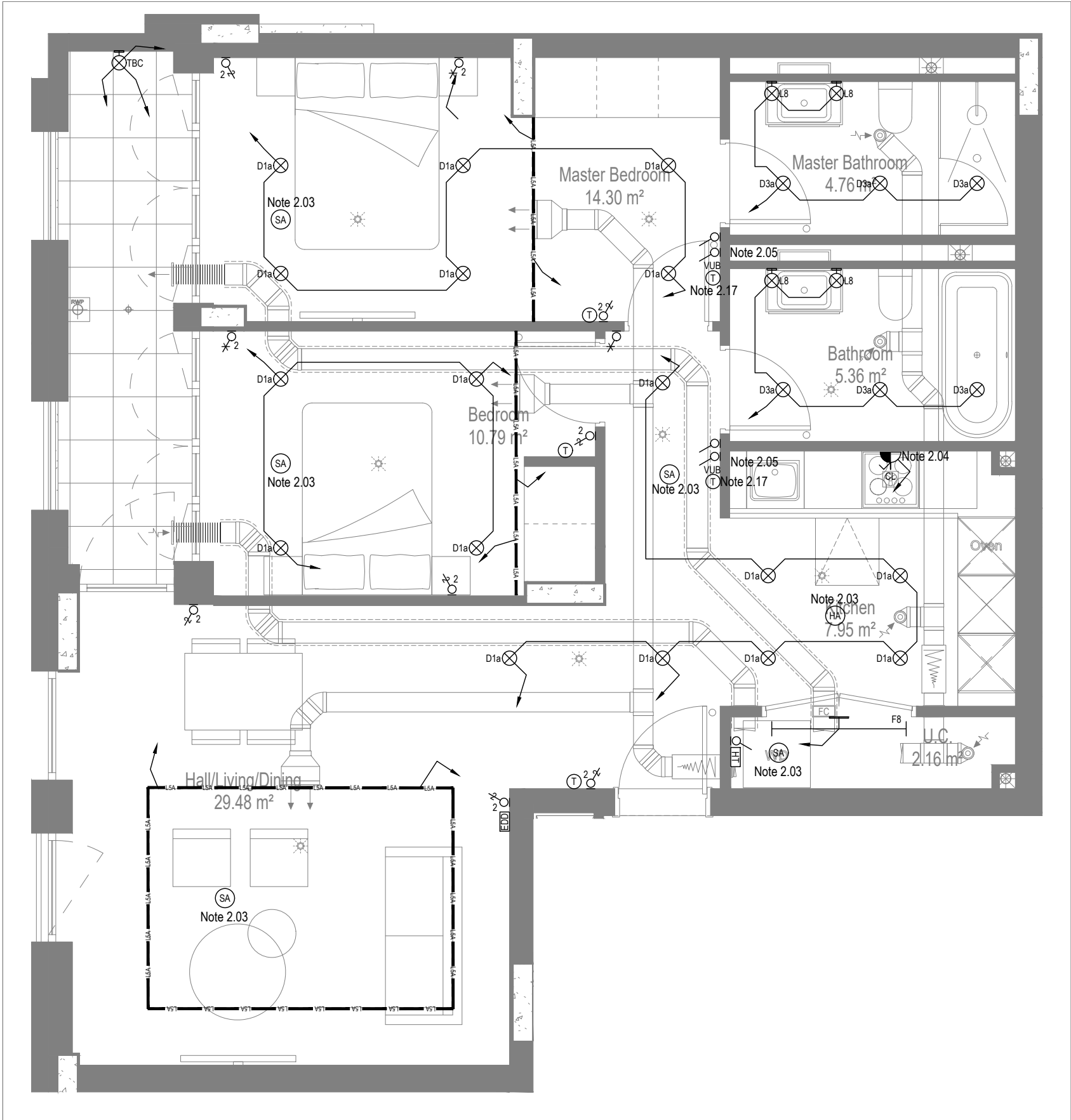
DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



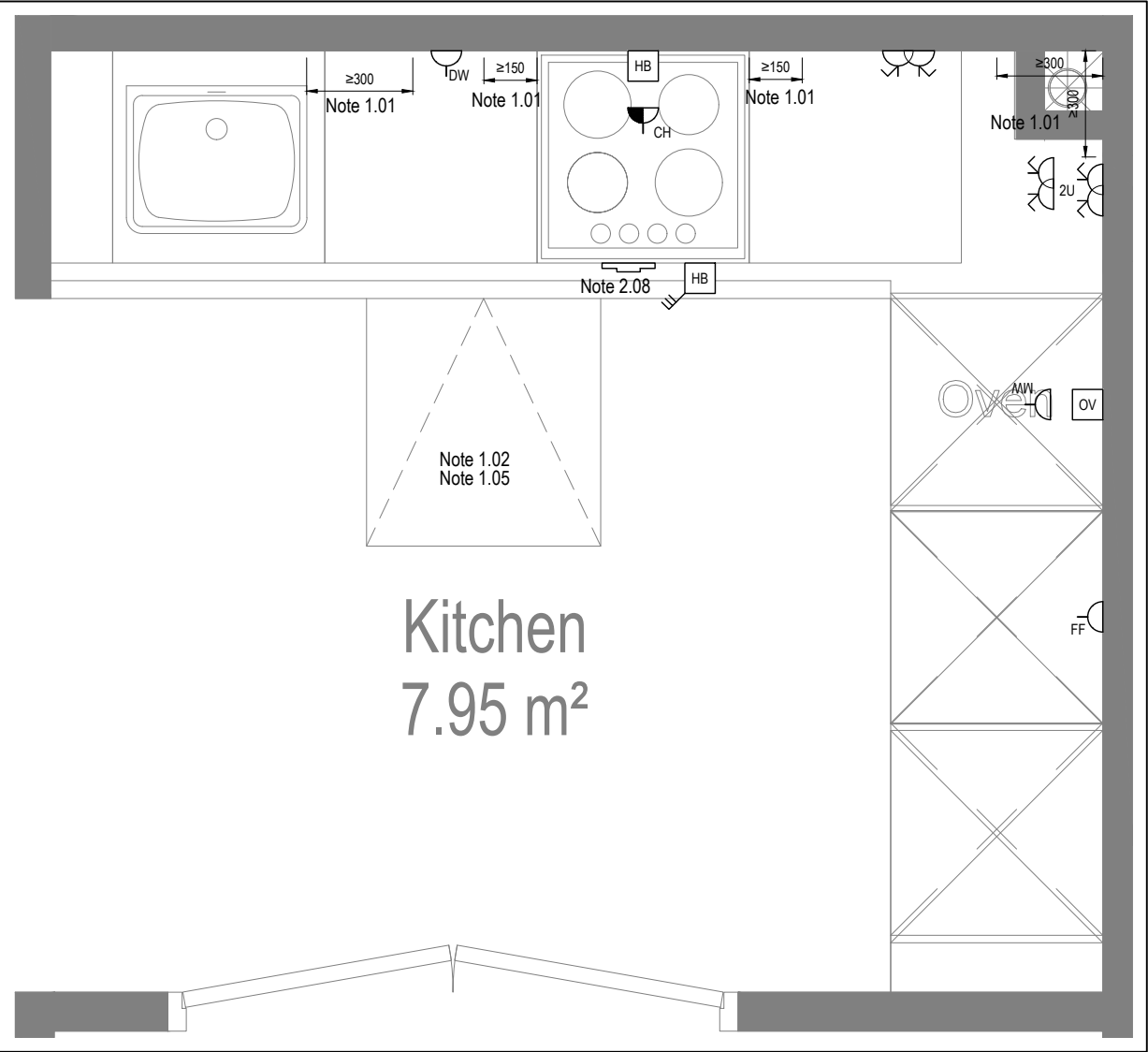
DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20



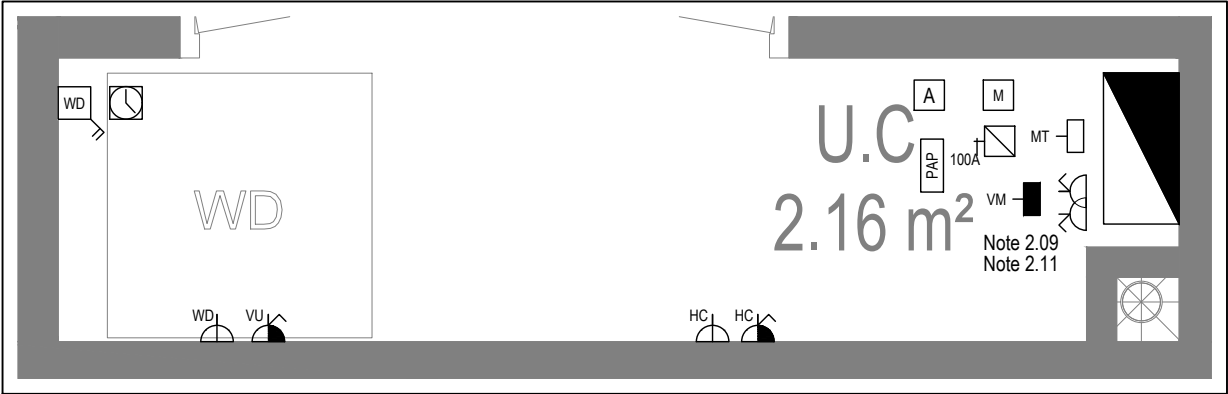
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

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- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point:

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT THERE WERE NO CHANGES ON SITE AGAINST THE CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS

DRAWING NO: 3596-KDS-BA-XX-DR-A-06-117	REVISION: C1	DATE RECEIVED: 29.07.2021
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AB	03.02.2023	AS BUILT	IV	JM
C3	11.11.2021	Updated Tv points in secondary bedrooms	2M	JM
C2	27.06.2021	Sockets and towel rail switches updated. Thermostats updated. Sump sockets added Wardrobe lighting removed.	IV	JM
C1	26.09.2020	Construction Issue	TN	JM
PI	16.04.2020	Preliminary Issue	MJ	JM

Rev	Date	Description	Scale	Size	Drwn	Chkd
			1:50	A1		
	Original Issue Date: 16.04.2020		Drwn: MJ		Chkd: JM	

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Title:
ELECTRICAL SERVICES LAYOUT
BLOCK B FLAT TYPE 10B

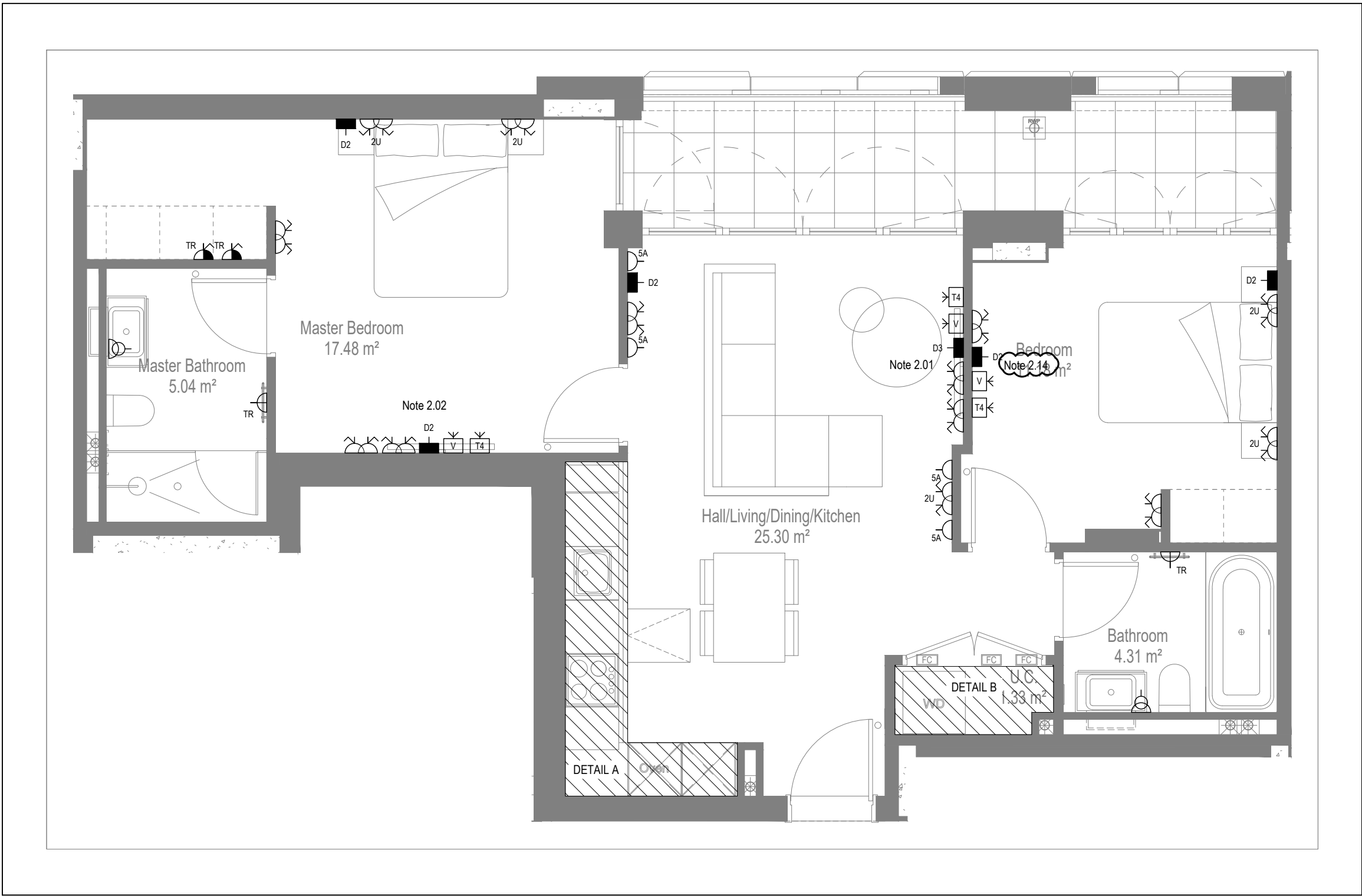
Plots:
B26, B46, B66

Project:
HORNSEY TOWN HALL

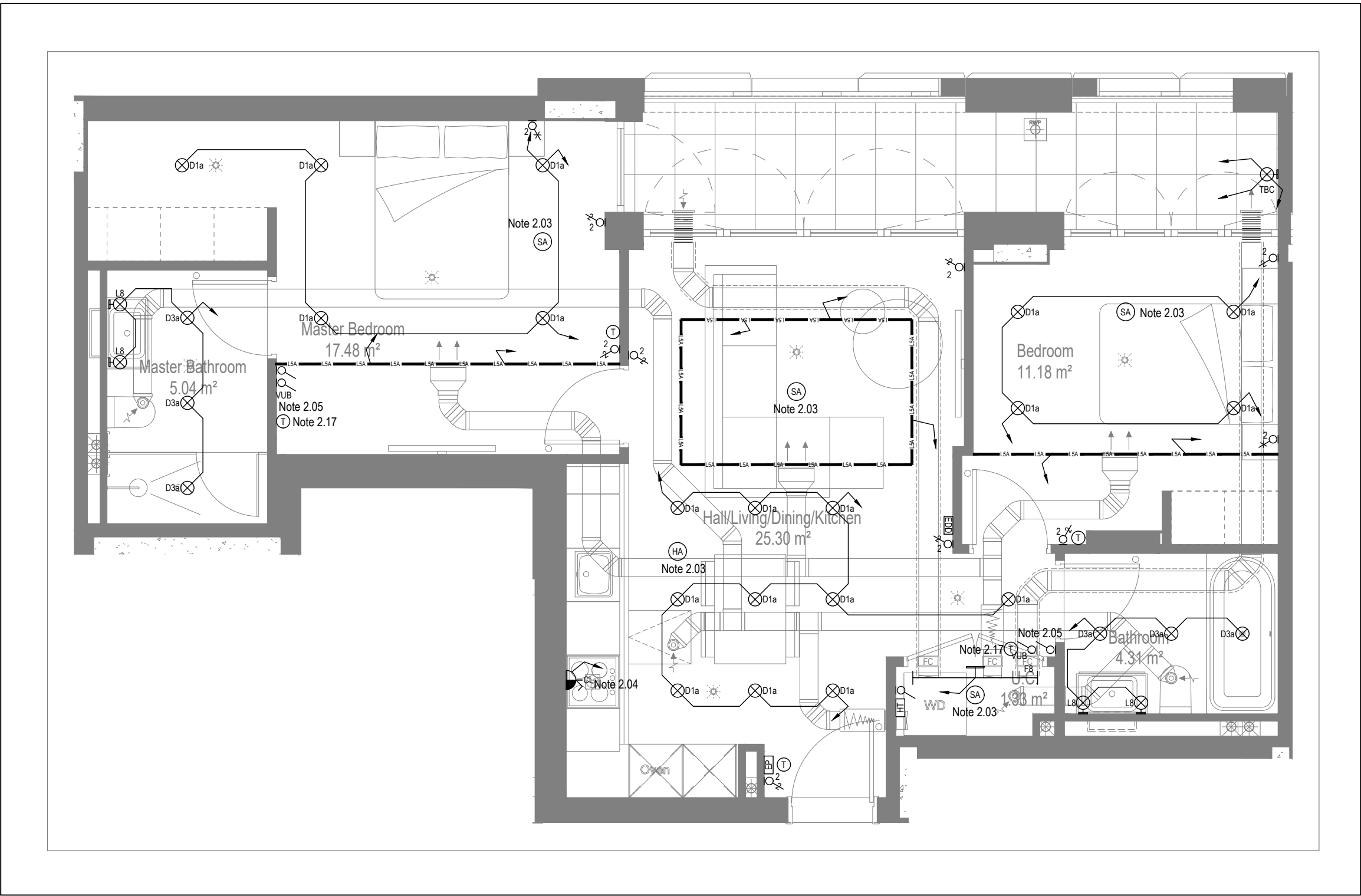
Client:
ARDMORE

Dwg Number:
10687-E-03-B-0010B

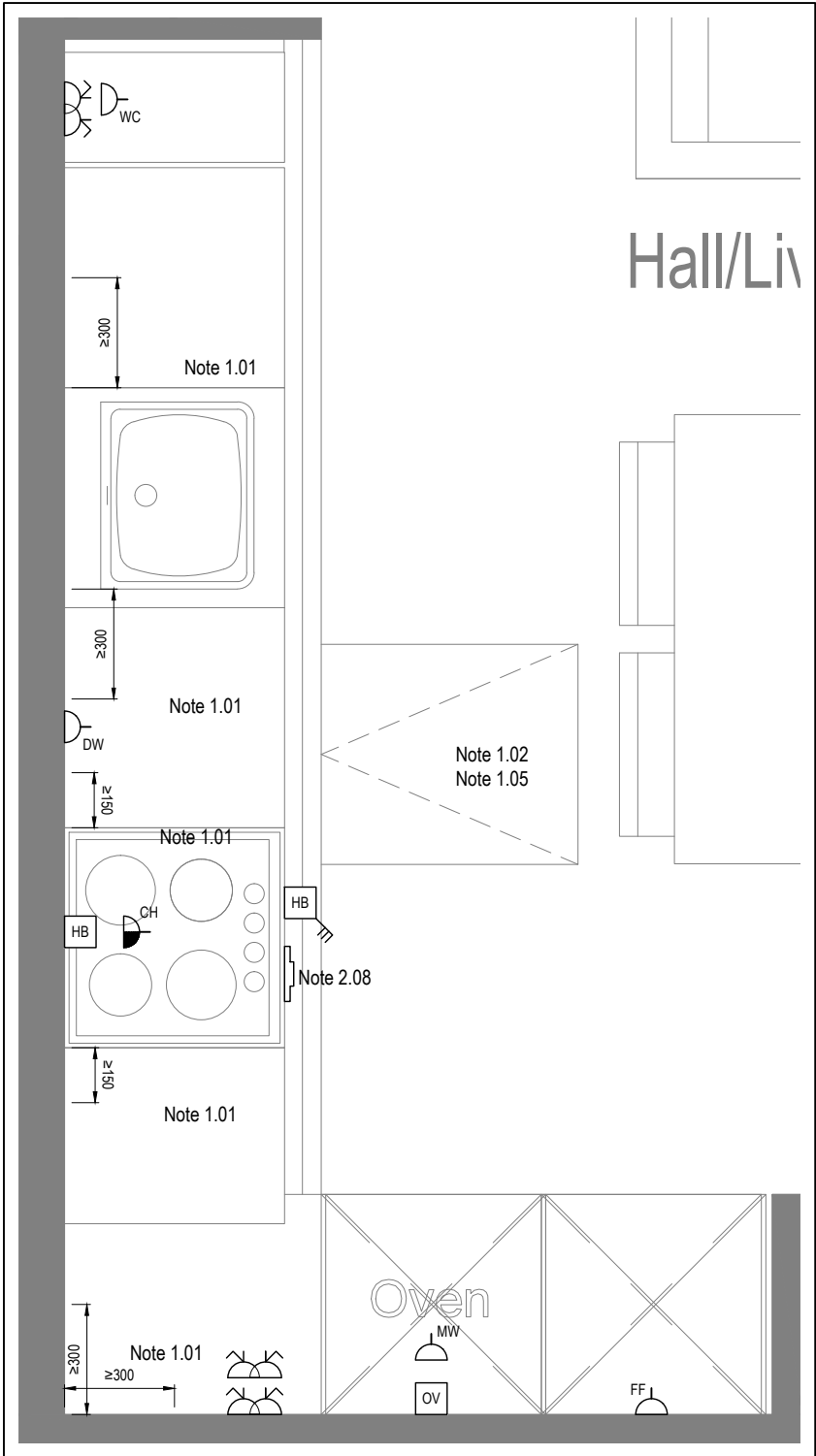
Rev:
AB



LOW LEVEL SERVICES LAYOUT

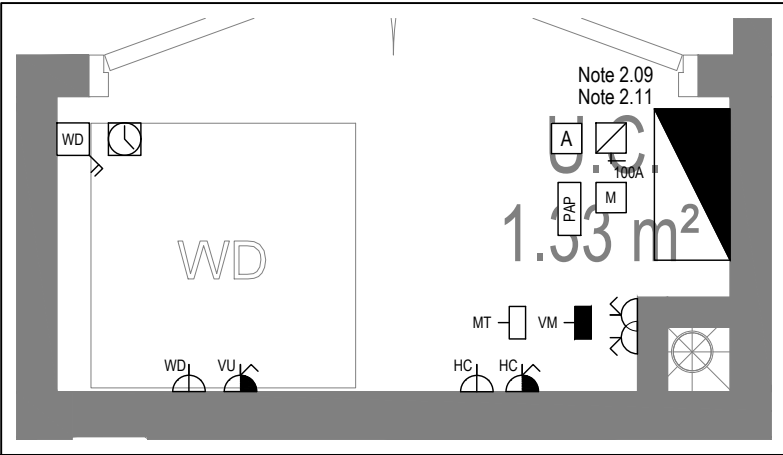


MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT

SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT

SCALE 1:20

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NOTES

General Electrical Notes

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- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

- All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.
- The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
- All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.
- All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin tops, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.
- Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

- Main television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 3No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- Master bedroom television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.
- Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
- 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.
- Provision for pendant lighting. Final specification of luminaire by others
- All switches to be mounted on single faceplate with label warning of multiple circuits.
- 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:
 - Cooker hood
 - Dishwasher
 - Fridge/freezer
 - Oven
 - Wine Cooler
 - Microwave (Combi microwave where applicable)
 - VUB
- All consumer units to be fitted with surge supplement modules.
- Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
- For locations and setting out details of services, refer to typical cupboard drawing.
- All towel rails shall have separate timers and controls located in the MEP cupboard
- Architect to confirm the position of the towel rail.
- Secondary bedroom TV Point:
 - 1No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 outlet data point
 - Virgin TV outlet
- Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.
- Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
- Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT THERE WERE NO CHANGES ON SITE AGAINST THE CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS

DRAWING NO	REVISION	DATE RECEIVED
3596-KDS-BA-XX-DR-A-06-112	C1	29.07.2021

Rev	Date	Description	Scale	Size	Drawn	Chkd
AB	03.02.2023	AS Built	1:50	A1	IV	JM
C2	11.11.2021	Updated Tv points in secondary bedrooms			ZM	JM
C1	27.08.2021	Construction Issue			TN	JM
P1	16.04.2020	Preliminary Issue			MJ	JM

Current purpose: AS BUILT
Original Issue Date: 16.04.2020
Drawn: MJ
Chkd: JM

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Title: ELECTRICAL SERVICES LAYOUT
FLAT TYPE 11
Plots: B21, B31, B41
Project: HORNSEY TOWN HALL
Client: ARDMORE
Dwg Number: 10687-E-03-B-0011
Rev: AB

General Electrical Notes

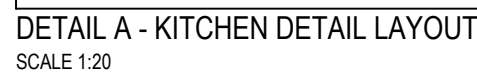
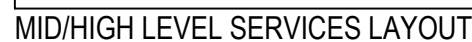
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- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to spread the arrest of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
 - All discrepancies are to be queried with WDA before works commence.
 - Relevant material location to be confirmed on site. Final position to be determined on site subject to building and apartment orientation. The room thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes:

- 1.01 All switches and sockets must be installed at least 300mm from internal corner to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.
- 1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
- 1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.
- 1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be related to PEXA protection (zone 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61559-2 are an exception to this rule and may be installed within zone 2.
- 1.05 Grid switch & Hob isolator to be located in unit c/w coving out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

- 2.01 Main television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 Outlet Data Point
- 2.02 Master bedroom television point comprising the following:
 - Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- 2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon activation of any unit. All smoke and heat alarms must be positioned at least 300mm from any door or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landing's fire alarm system.
- 2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
- 2.05 2 gang switch for bathroom light and external ventilation boost, with label inside the mounting box warning of multiple circuits.
- 2.06 Provision for pendant lighting. Final specification of luminaires by others
- 2.07 Switches to be mounted on the wall with label warning of multiple circuits
- 2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliances served:
 - Cooker hood
 - Dishwasher
 - Fridge/freezer
 - Oven
 - Wine Cooler
 - Microwave (Comb microwave where applicable)
 - VUB
- 2.09 All consumer units to be fitted with surge supplement modules.
- 2.10 Refer to kitchen layouts for positions of electrical appliances before any installation
- 2.11 For locations and setting out details of services, refer to typical cupboard drawing.
- 2.12 All towel rails shall have separate terms and controls located in the MEP cupboard
- 2.13 Access to the top of the tower rail
- 2.14 Secondary bedroom TV Point:
 - Double double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 outlet data point
- 2.15 Provide 120mm dia blank plate within access box including blank plate, switched as indicated in schedule
- 2.16 Switched fuse connection unit located in ceiling void to serve fan coil unit. Switched fuse connection unit must be positioned within 300mm of the access panel.
- 2.17 The main bathroom. Final location of all sensor TBC by underfloor heating contractor.



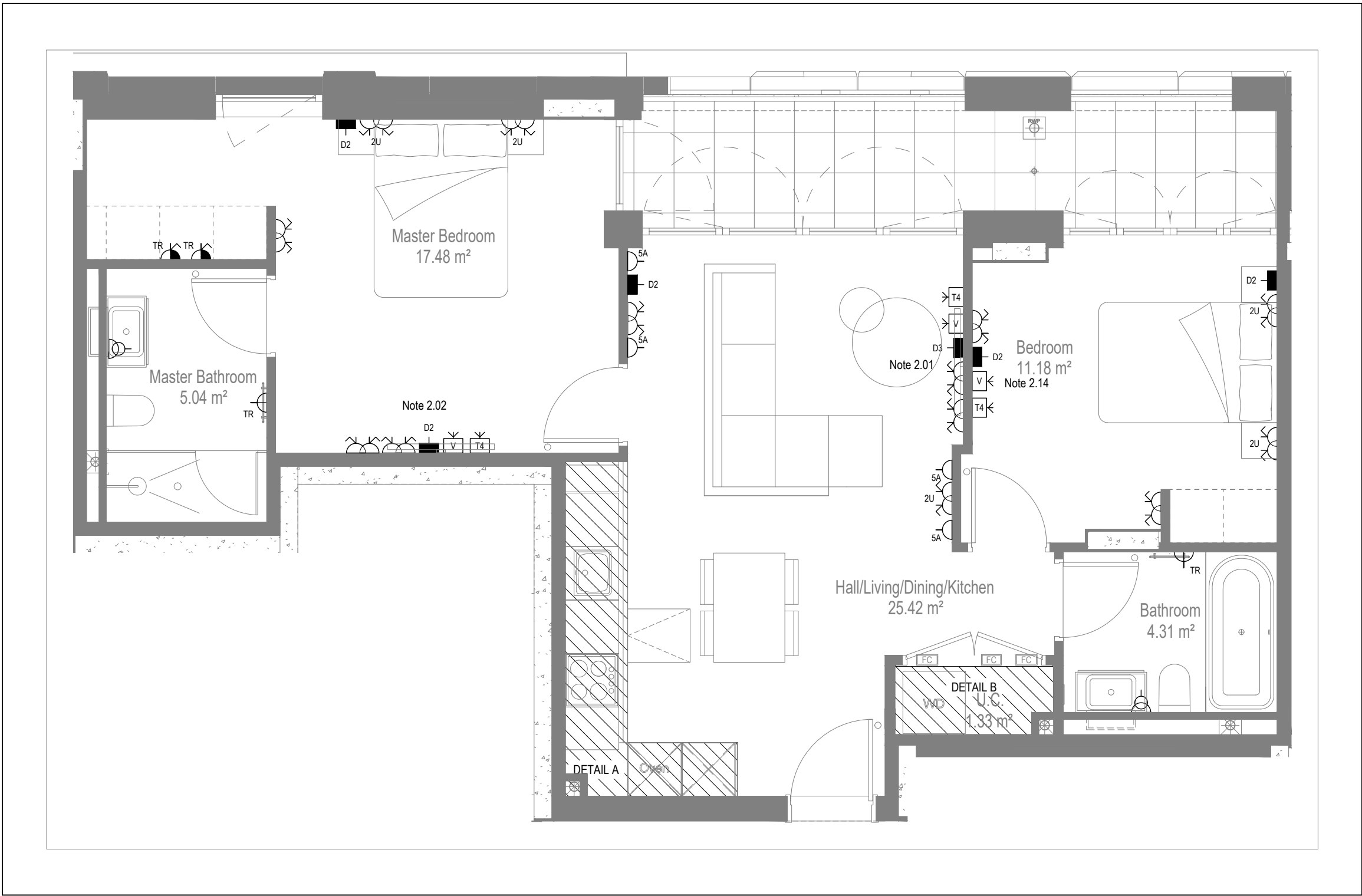
AB	17.11.2022	Updated to as built	LMS	JM
C5	02.11.2021	Updated TV points in secondary bedroom	ZM	JM
C4	11.05.2021	Wardrobe lighting removed. Fire alarm sounder removed from balcony. Balcony lights updated.	IV	JM
C3	28.04.2021	Thermostats updated. 5amp sockets added.	IV	JM
C2	11.01.2021	Sockets and towel rail switches updated.	IV	JM
C1	18.09.2020	Construction Issue	TN	JM
P1	23.03.2020	Preliminary Issue	MJ	JM

Current purpose:	AS BUILT	Scale: 1:50	Size: A1
Original Issue Date:	23.03.2020	Drwn: MJ	Chkd: JM

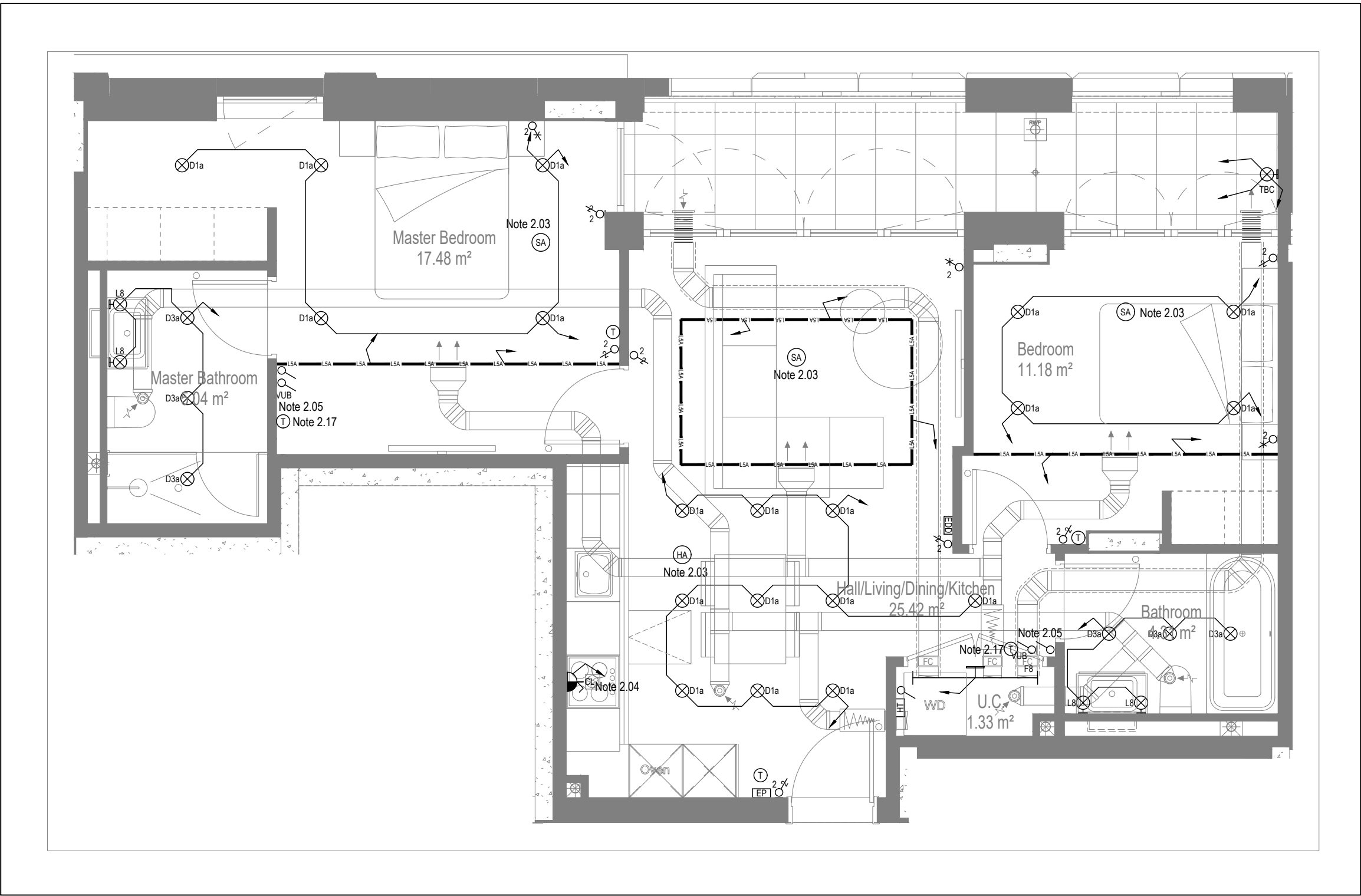

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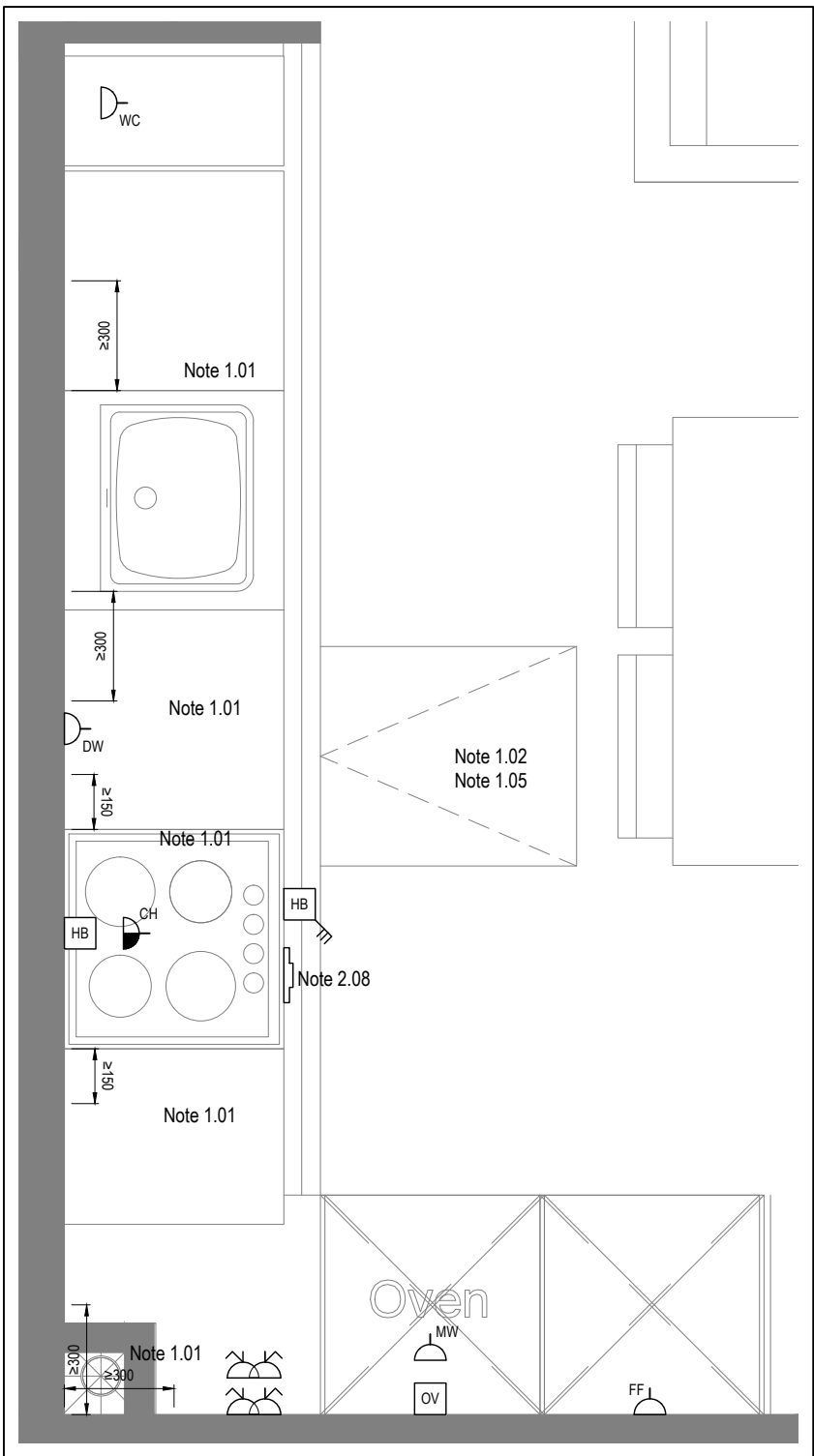
Title:	ELECTRICAL SERVICES LAYOUT FLAT TYPE 37	
Plots:	AN41	
Project:	HORNSEY TOWN HALL	
Client:	ARDMORE	Rev: AB
Dwg Number:	10687-E-03-A-0037	



LOW LEVEL SERVICES LAYOUT

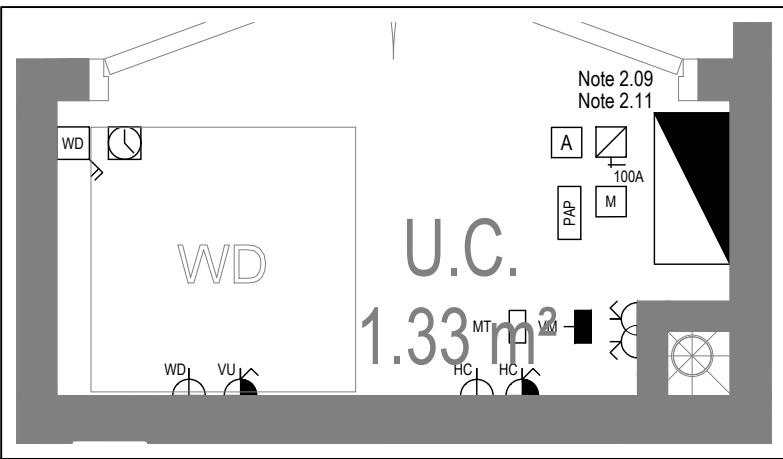


MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT

SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT

SCALE 1:20

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point:

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT THERE WERE NO CHANGES ON SITE AGAINST THE CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS

DRAWING NO: 3596-KDS-BA-XX-DR-A-06-115	REVISION: C1	DATE RECEIVED: 29.07.2021
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AB	03.02.2023	AS Built	IV	JM
C3	11.11.2021	Updated Tv points in secondary bedrooms	ZM	JM
C2	27.06.2021	Sockets and towel rail switches updated. Thermostats updated. Sump sockets added Wardrobe lighting removed.	IV	JM
C1	26.09.2020	Construction Issue	TN	JM
PI	16.04.2020	Preliminary Issue	MJ	JM
Rev	Date	Description		Dwn

Current purpose:	AS BUILT	Scale:	1:50	Size:	A1
Original Issue Date:	16.04.2020	Dwn:	MJ	Chkd:	JM

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Title:
ELECTRICAL SERVICES LAYOUT
BLOCK B FLAT TYPE 11B

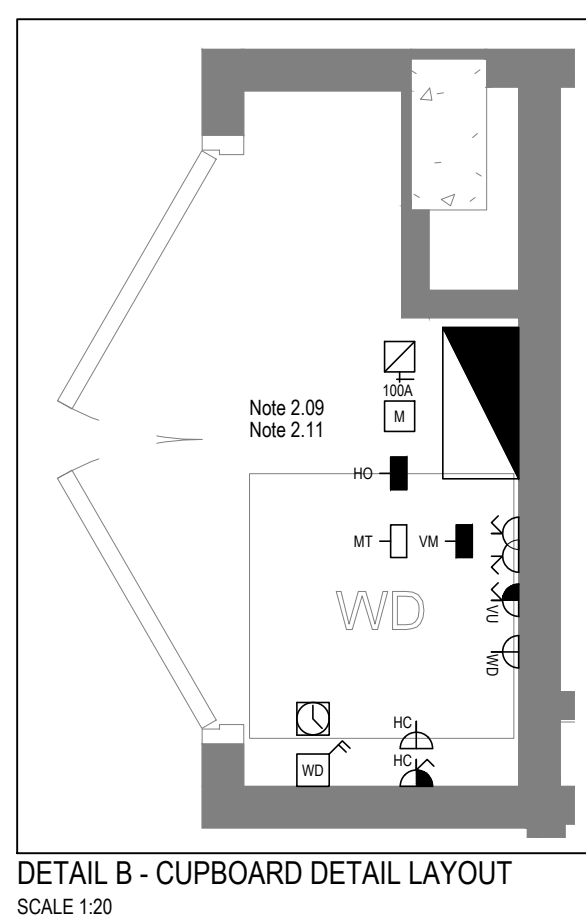
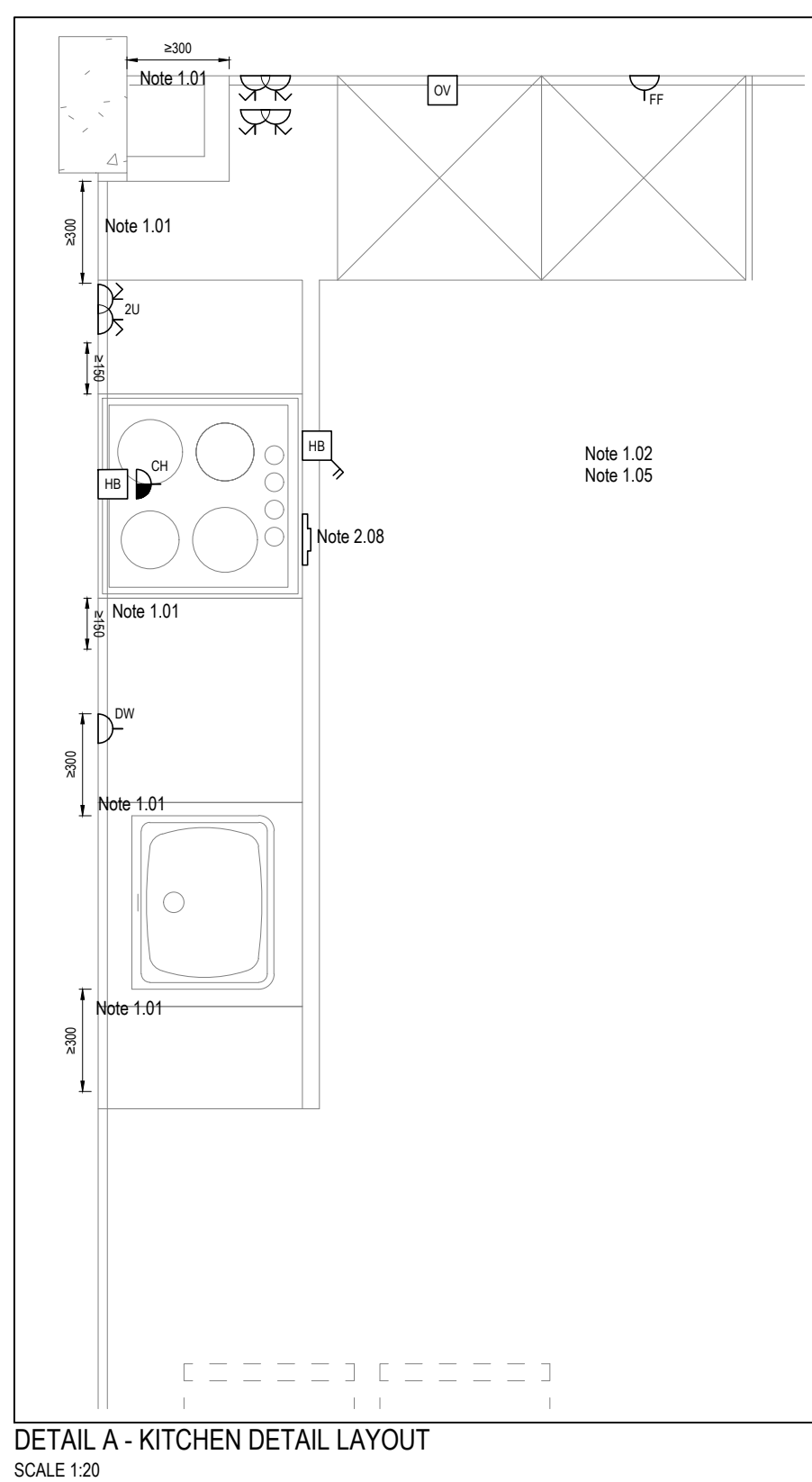
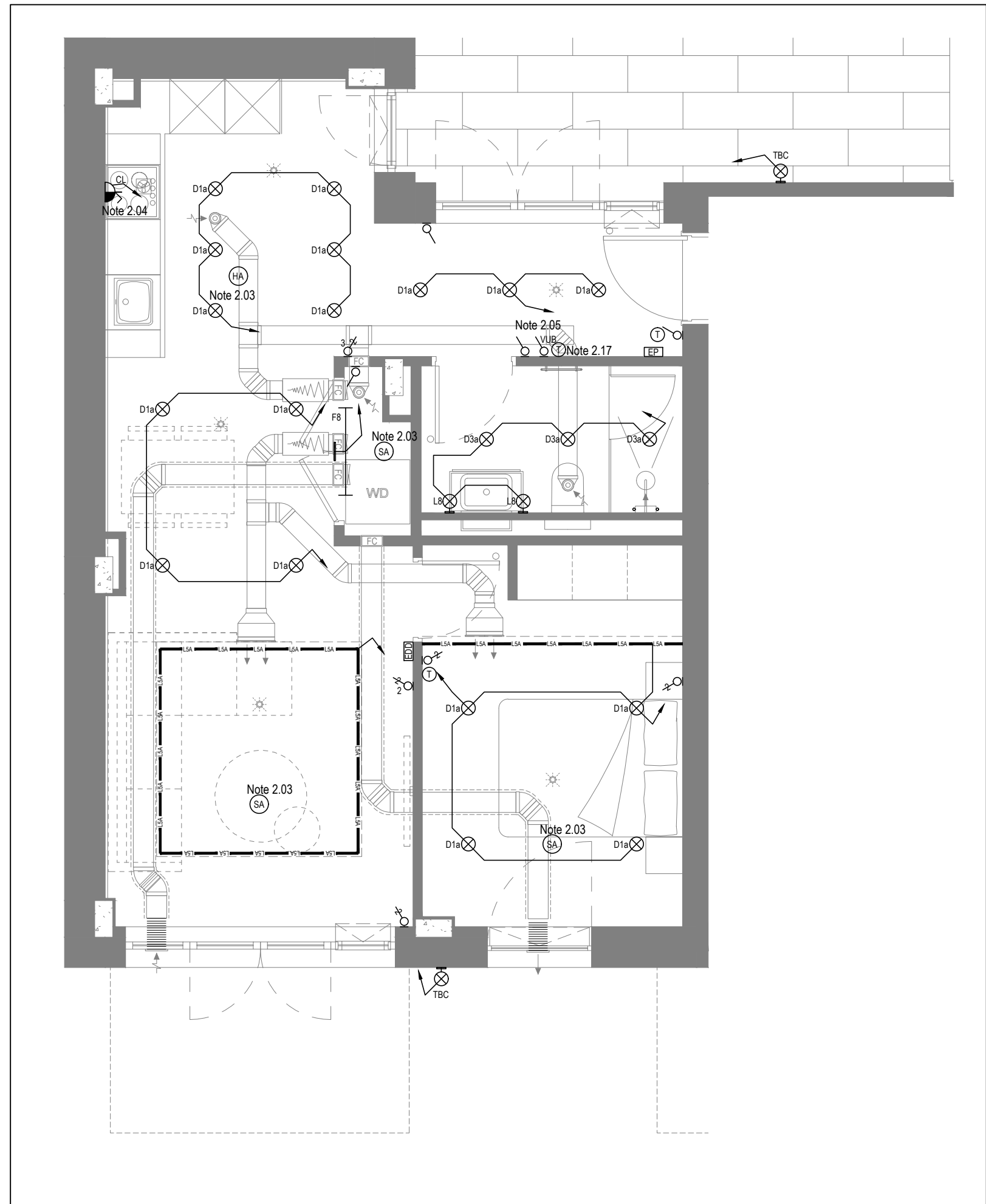
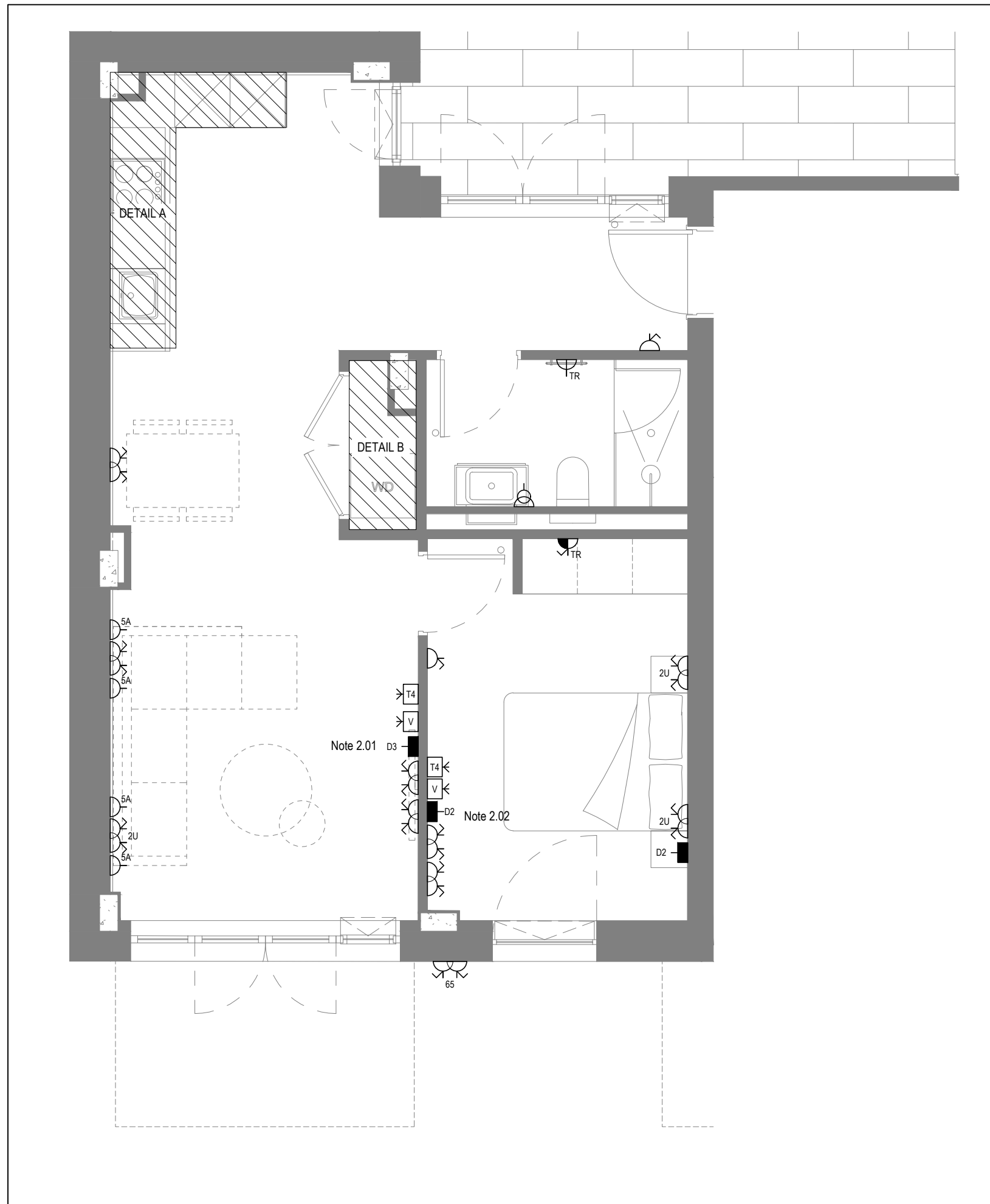
Plots:
B51, B61

Project:
HORNSEY TOWN HALL

Client:
ARDMORE

Dwg Number:
10687-E-03-B-0011B

Rev:
AB



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General Electrical Notes

- Mechanical services show for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information. All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- All drawings to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system, as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be approved by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

- 1.01 All switches and sockets must be installed at least 300mm from internal corner
to corner to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm
from sink basin by any compliance with BS7671.
- 1.02 The floor layout shown is indicative only. Please refer to specialist drawings for
final layout before any installation work commences on site.
- 1.03 All wiring accessories shown as being installed on party walls must be installed
off in the adjoining property such that they are not back-to-back on the party wall.
- 1.04 All electrical cable to be installed at least 2.25m off floor, must be installed at least 600mm from
the edge of a bath or shower and at least 600mm radius from basin taps, (or be tied to
IPK4 protection (zone 1.2) or IPX2 (zone 0)). Shaver sockets compliant with BS
EN61582 are an exception and can be installed within zone 0.
- 1.05 Ground switch & hob isolation to be located in unit cup housing out for casting below hob.
Location TBC by building contractor to prior to final sign off.
- Tenure Specific Notes**
- 2.01 Main television point comprising the following:
- 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 3No. RJ45 Outlets Data Point
 - Virgin TV Outlet
- 2.02 Master bedroom television point comprising the following:
- 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 Outlets Data Point
 - Virgin TV Outlet
- 2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All
alarm cables for the dwelling shall be interconnected to provide a common alarm upon
detection at any one unit. All smoke and heat alarms must be positioned at least
300mm from any wall or other obstruction. Detector connected to apartment entrance
shall be fitted with dry cable rise for connection to landlord's fire alarm system.
- 2.04 Under-cabinet lighting to be wired to kitchen lighting circuit. Locations of spurs to
be coordinated with kitchen specialist.
- 2.05 Gang switch for bathroom light and extract ventilation booster, with label inside the
mouth box warning of multiple circuits.
- 2.06 All switches to be pendant lighting. Final specification of luminaires by others
- 2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.
- 2.08 6 gang grid switch fitted with 20A double pole switches, each switch engraved with
the name of the appliance served:
- Cooker hood
 - Dishwasher
 - Fridge/freezer
 - Oven
 - Wires
 - Microwave (Combi microwave where applicable)
 - VUB
- 2.09 All consumer units to be fitted with surge supplement modules.
- 2.10 Refer to kitchen layout for positions of electrical appliances before any installation
work commences.
- 2.11 For locations and setting out details of services, refer to typical cupboard drawing.
- 2.12 All towel rails shall have separate terms and controls located in the MEP cupboard
adjacent to confirm the position of the towel rail.
- 2.13 Secondary bedroom TV Point
- No. Double switched socket outlet.
 - Quad coaxial outlet
 - 2No. RJ45 Outlets Data Point
- 2.14 Virgin TV outlet
- 2.15 Pre-wire for future luminaires within Besa box including blank plate, switched
and switched fused connection unit located in ceiling void to serve fan coil unit. Switched
fused connection unit must be positioned within 300mm of the access panel.
- 2.17 Under-cabinet air sensor unit within bathroom. Final location of air sensor TBC by
building heating contractor.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 26.10.2022 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS		
DRAWING No: 3596-KDS-MW-XX-DR-A-06-3001	REVISION: C2	DATE RECEIVED: 31.10.2022

AB	18.11.2022	As Built	IV	JM
C4	11.11.2021	Updated secondary bedroom TV points	ZM	JM
C3	18.05.2021	Wardrobe lighting removed. 5amps sockets added. Thermostats updated.	IV	JM
C2	15.03.2021	Switches and sockets updated.	IV	JM
C1	11.03.2021	Construction Issue	IV	JM
P1	07.09.2020	Preliminary Issue	IV	JM
Rev	Date	Description	Drwn	Chkd

Current purpose:	AS BUILT	Scale: 1:50	Size: A1
Original Issue Date:	07.09.2020	Drwn: IV	Chkd: JM


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Title: ELECTRICAL SERVICES LAYOUT
FLAT TYPE PM001

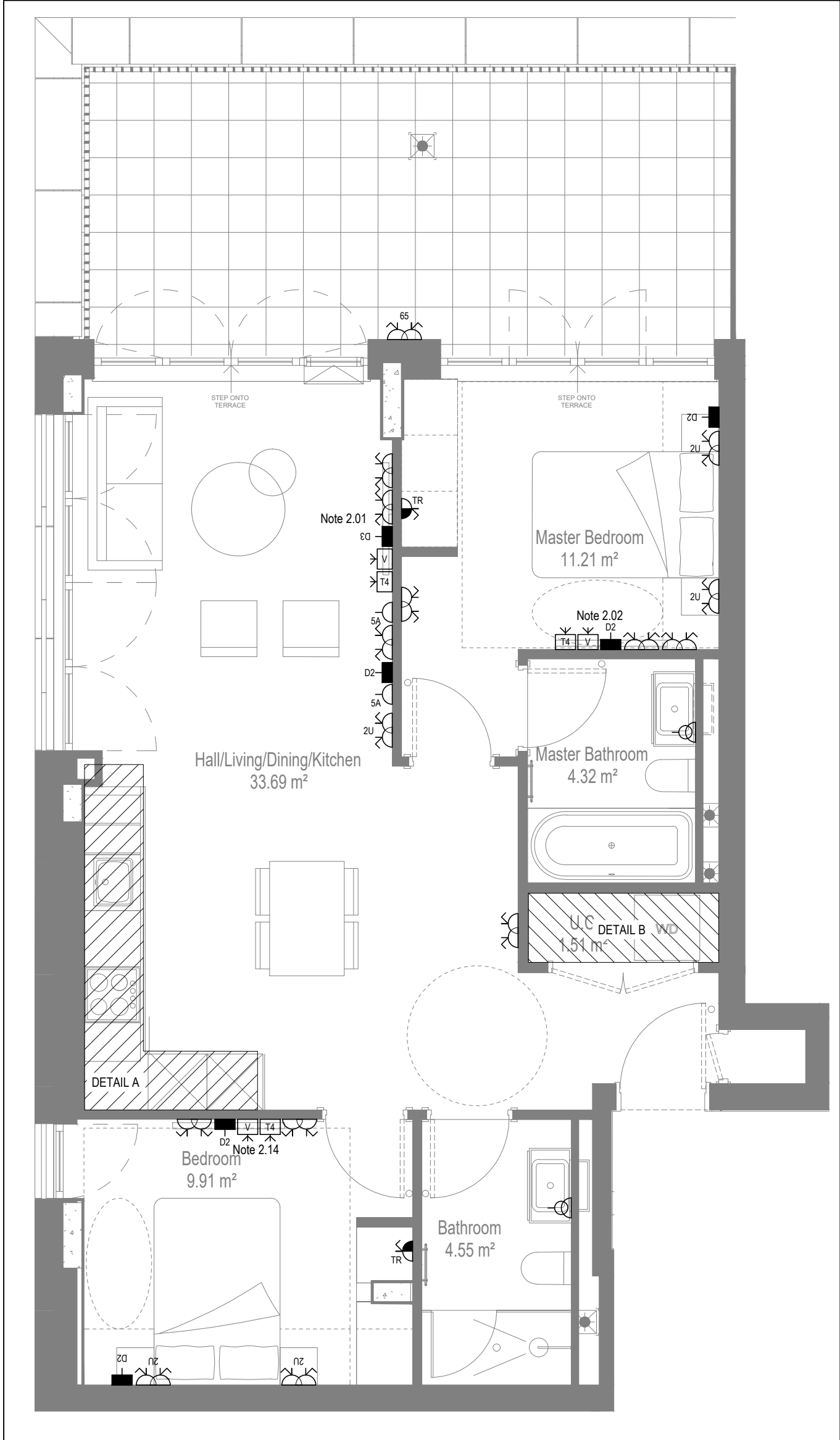
Plots:

Project: HORNSEY TOWN HALL

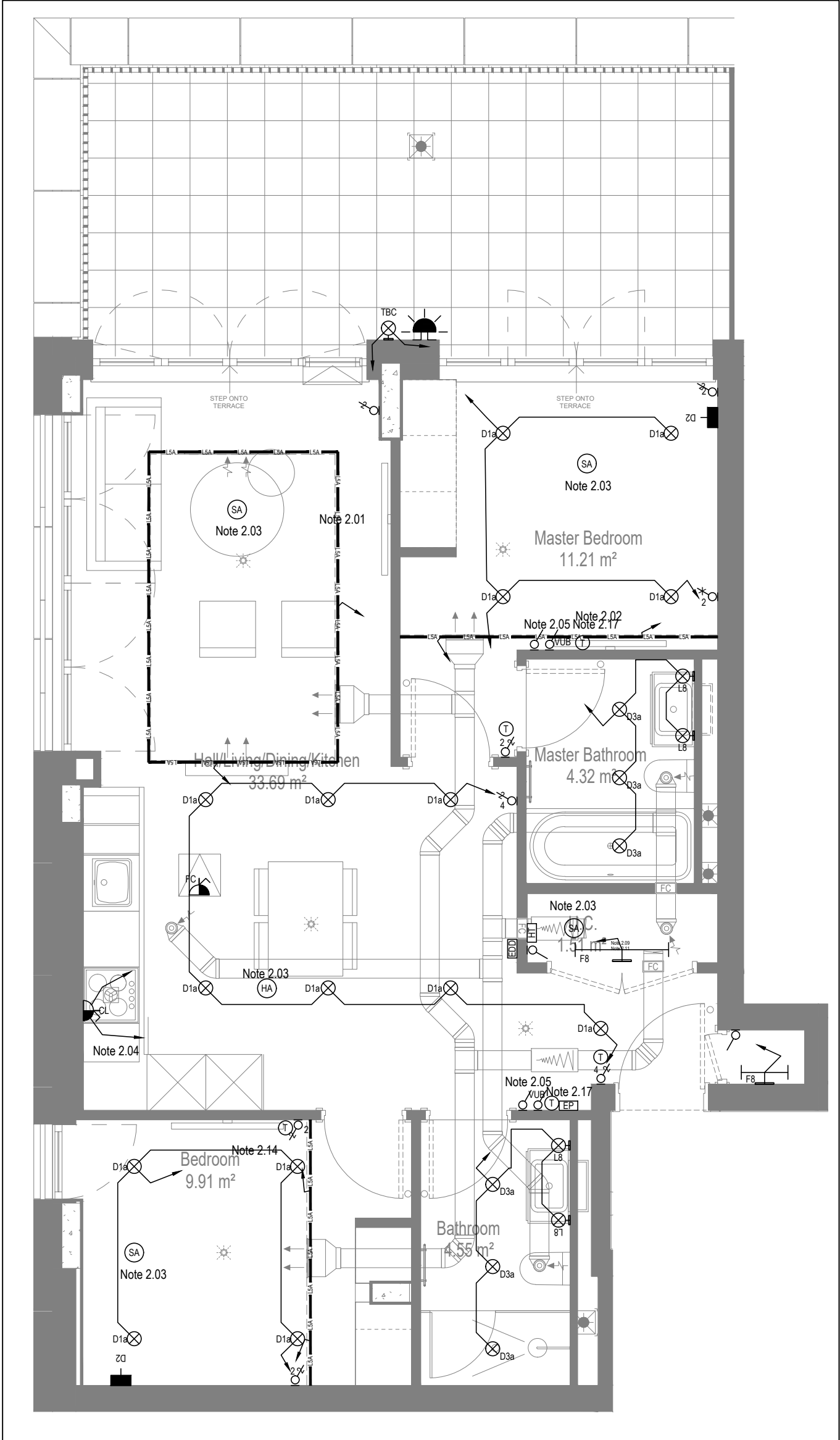
Client: ARDMORE

Dwg Number: 10687-E-03-M-PM001

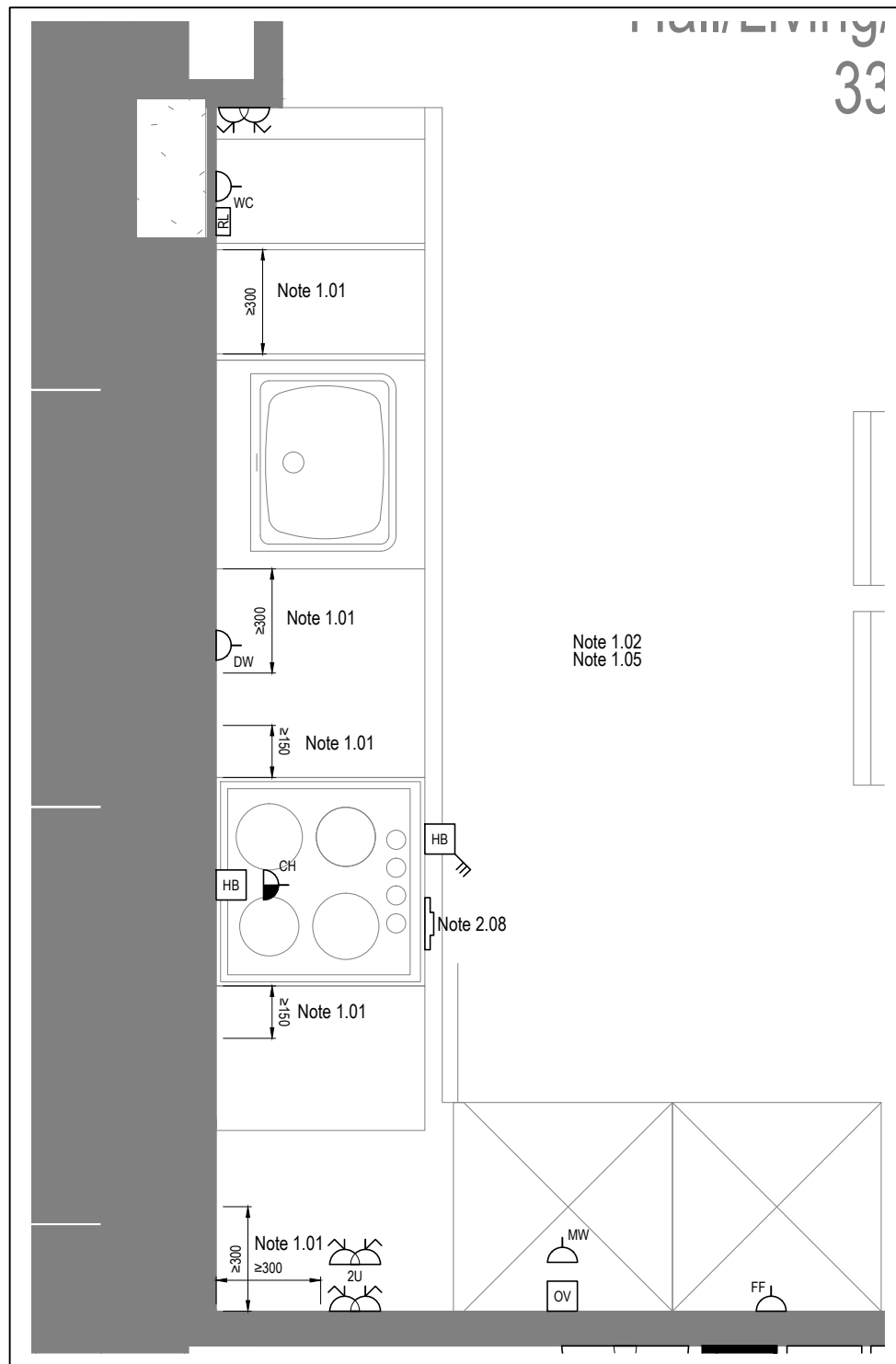
Rev:
AB



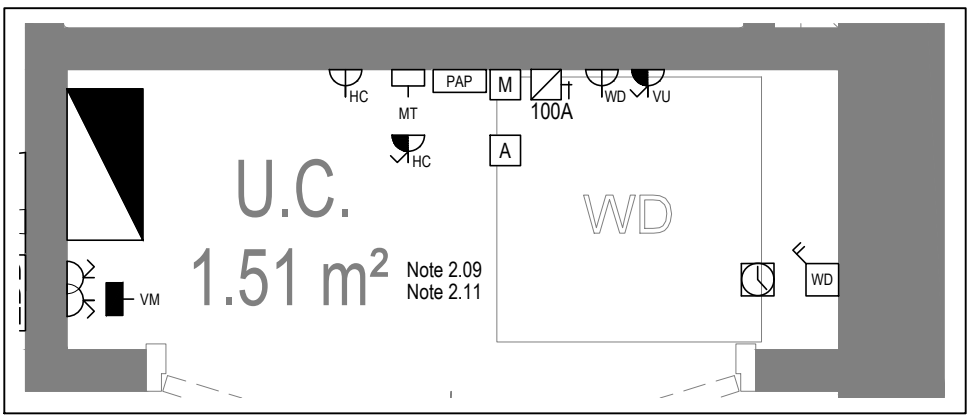
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

- 1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.
- 1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
- 1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.
- 1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.
- 1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

- 2.01 Men television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 3No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- 2.02 Master bedroom television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- 2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closed to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.
- 2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
- 2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.
- 2.06 Provision for pendant lighting. Final specification of luminaire by others
- 2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.
- 2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:
 - Cooker hood
 - Dishwasher
 - Fridge/freezer
 - Oven
 - Wine Cooler
 - Microwave (Combi microwave where applicable)
 - VUB
- 2.09 All consumer units to be fitted with surge supplement modules.
- 2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
- 2.11 For locations and setting out details of services, refer to typical cupboard drawing.
- 2.12 All towel rails shall have separate timers and controls located in the MEP cupboard
- 2.13 Architect to confirm the position of the towel rail.
- 2.14 Secondary bedroom TV Point:
 - 1No. Double switched socket outlet.
 - Quad coaxial outlet
 - 2No. RJ45 outlet data point
 - Virgin TV outlet
- 2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.
- 2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
- 2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING NO:	REVISION:	DATE RECEIVED:	
3596-KDS-BA-XX-DR-A-06-1125	CZ	04.01.2021	

AB	17.11.2022	AS BUILT	IV	JM
Previous revisions removed for clarity - Refer to previous drawings for issue history.				
Rev	Date	Description	Drawn	Chkd
Current purpose:	AS BUILT	Scale: 1:50	Size: A1	
Original Issue Date:	23.03.2020	Drawn: MJ	Chkd: JM	

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Title:

ELECTRICAL SERVICES LAYOUT

FLAT TYPE 38

Plots:

AN42

Project:

HORNSEY TOWN HALL

Client:

ARDMORE

Rev:

AB

Dwg Number:

10687-E-03-A-0038

Saved: p:\10687_hornsey town hall\02_eds design m\01_drawings\3_electrical apartment layouts\block a\northfls built\10687-e-03-a-0038.dwg

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hub isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closed to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point:

- 1No. Double switched socket outlet.
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 26.10.2022 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS			
DRAWING No:	REVISION:	DATE RECEIVED:	
3596-KDS-MW-XX-DR-A-06-3002	C2	31.10.2022	

AB	18.11.2022	As Built	IV	JM
C3	11.11.2021	Updated secondary bedroom TV points	2M	JM
C2	18.05.2021	Wardrobe lighting removed. Samps sockets added. Thermostats updated.	IV	JM
C1	15.03.2021	Construction Issue	IV	JM
P1	07.09.2020	Preliminary Issue	IV	JM
Rev	Date	Description	Dwn	Chkd

Current purpose: AS BUILT

Scale: 1:50

Size: A1

Original Issue Date: 07.09.2020

Dwn: IV

Chkd: JM

W

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CONSULTING

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Kent, DA11 9EU
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Title:

ELECTRICAL SERVICES LAYOUT
FLAT TYPE PM002

Plots:

Project:

HORNSEY TOWN HALL

Client:

ARDMORE

Dwg Number:

10687-E-03-M-PM002

Rev:

AB

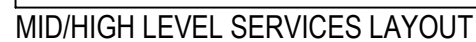
LOW LEVEL SERVICES LAYOUT

MID/HIGH LEVEL SERVICES LAYOUT

DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20

DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

Save: p:\10687_hornsey town hall\02_sds design m\01_drawings\3_electrical apartment layouts\new\as built\10687-e-03-m-pm002.dwg



SCALE 1:20



SCALE 1:20

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Conflicts of Information
It still remains the responsibility of the Installer/Contractor to ensure that there are no conflicts with information provided by themselves & that of any manufacturers information or relevant requirements of statutory Bodies or Client specification/Er's. If any conflicts do exist it is the responsibility of the Installer/Contractor to inform The Consultant/Client immediately Verbally & in writing.

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information. All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with MDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Note:

- 1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from tops and 300mm from sink basin to comply with BS7671.
- 1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
- 1.03 All wiring accessories shown as being installed on party walls must be installed offsite in the adjoining property such that they are not back-to-back on the party wall.
- 1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a wall or shower pan, 1000mm radius from basin taps, or be rated IPX4 (protection in 1.2 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN15659 are an exception and can be installed within zone 2.
- 1.05 Grid switch & Hot Isolator to be located in unit c/w boxing out for cabling below location. Location TBC by building control prior to final sign off.

Tenure Specific Notes

- | | |
|------|---|
| 2.01 | Main television point comprising the following:
• 2No. Double switched socket outlet
• Quad coaxial outlet
• 3No. RJ45 Cat5 Data Point
• Virgin TV Outlet |
| 2.02 | Master bedroom television point comprising the following:
• 2No. Double switched socket outlet
• Quad coaxial outlet
• 2No. RJ45 Cat5 Data Point
• Virgin TV Outlet |
| 2.03 | Smoke and heat alarms shall be smoke fed with trickle charged battery backup. All alarms shall be dwelling shall be interconnected to provide a common alarm upon detection of any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector connected to apartment entrance shall be fitted with relay base for connection to landlord's fire alarm system. |
| 2.04 | Gas safety certificate to be issued to confirm gas safety check. Locations of gasps to be coordinated with kitchen specialist. |
| 2.05 | 2 gang switch for bathroom light and extract ventilation cover, with label inside the mounting box providing multiple circuits. |
| 2.06 | Provision for pendant lighting. Final connection of luminaires by others |
| 2.07 | Switchgear to be mounted on single fasciculate with label warning of multiple circuits |
| 2.08 | 2 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:
• Cooker hood
• Dishwasher
• Fridge/freezer
• Oven
• Wine Cooler
• Microwave (Combi microwave where appropriate)
• VUB |
| 2.09 | All consumer units to be fitted with surge supplement modules. |
| 2.10 | Refer to kitchen layouts for positions of electrical appliances before any installation work commences. |
| 2.11 | For kitchens and setting out details of services, refer to typical cupboard drawing. |
| 2.12 | All electrical work shall have separate terms and controls located in the MEP cupboard. |
| 2.13 | Achitect to confirm the position of the tower rail. |
| 2.14 | Spurs between the TV Point:
• 1No. Double switched socket outlet.
• Quad coaxial outlet
• 2No. RJ45 Cat5 Data Point
• Virgin TV outlet |
| 2.15 | Pre-wire for future luminaire within Besa box including black plate, switched as indicated. |
| 2.16 | Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned with 300mm of the access panel. |
| 2.17 | Pre-wire for all sensor within bathroom. Final location of all sensor TBC by underfloor heating contractor. |

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS		
DRAWING No: 3596-KDS-BA-XX-DR-A-06-113	REVISION: C1	DATE RECEIVED: 29.07.2021

AB	03.02.2023	AS Built	IV	JM
C2	11.11.2021	Updated Tv points in secondary bedrooms	ZM	JM
C1	27.08.2021	Construction Issue	TN	JM
P1	16.04.2020	Preliminary Issue	MJ	JM
Rev	Date	Description	Drwn	Chkd

Current purpose:	AS BUILT	Scale: 1:50	Size: A1
Original Issue Date:	16.04.2020	Drwn: MJ	Chkd: JM


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Title: ELECTRICAL SERVICES LAYOUT
FLAT TYPE 12

Plots:	B22, B32, B42, B52, B62
Project:	HORNSEY TOWN HALL

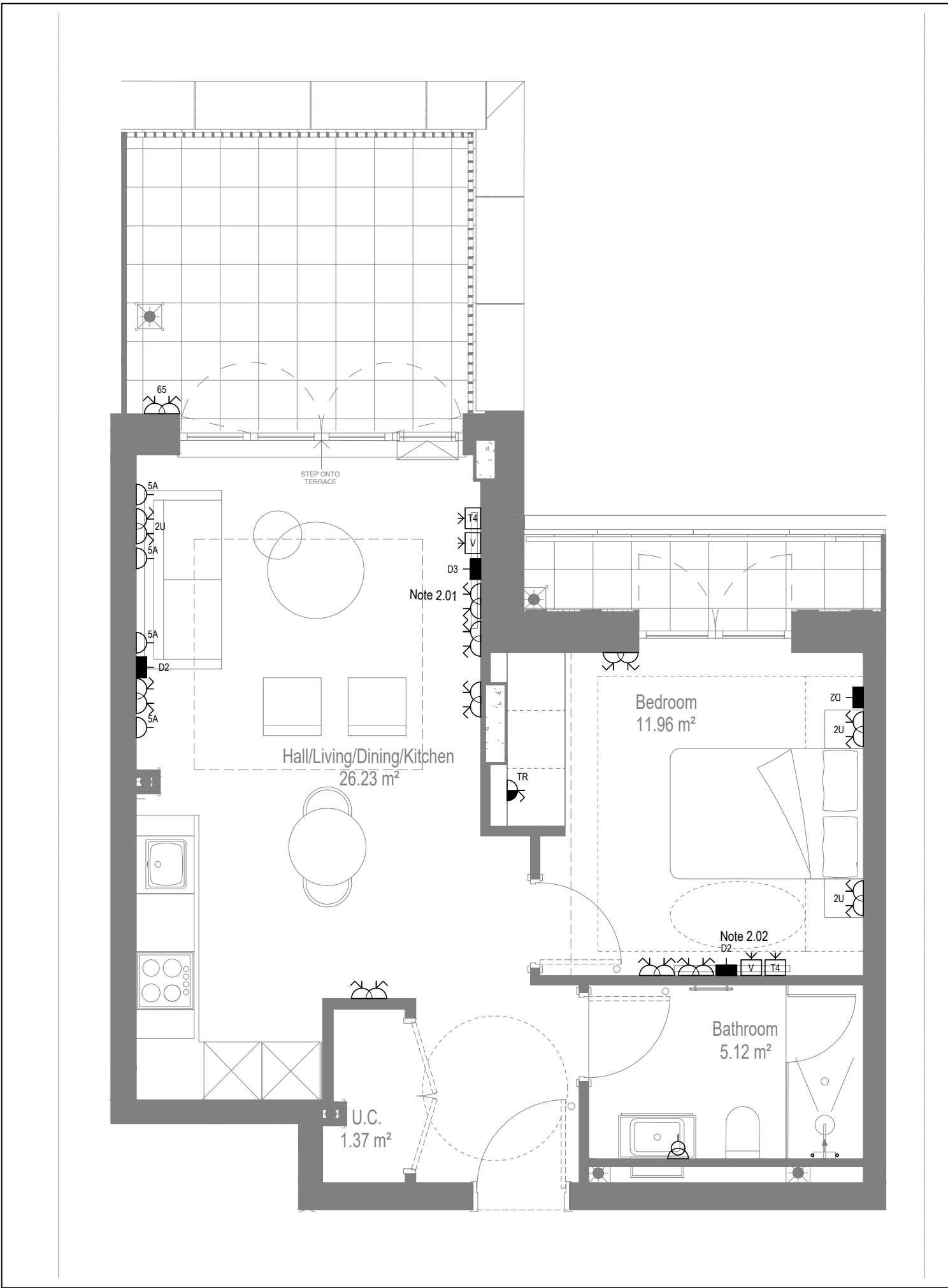
Client: ARDMORE

Dwg Number: 10687 E 02

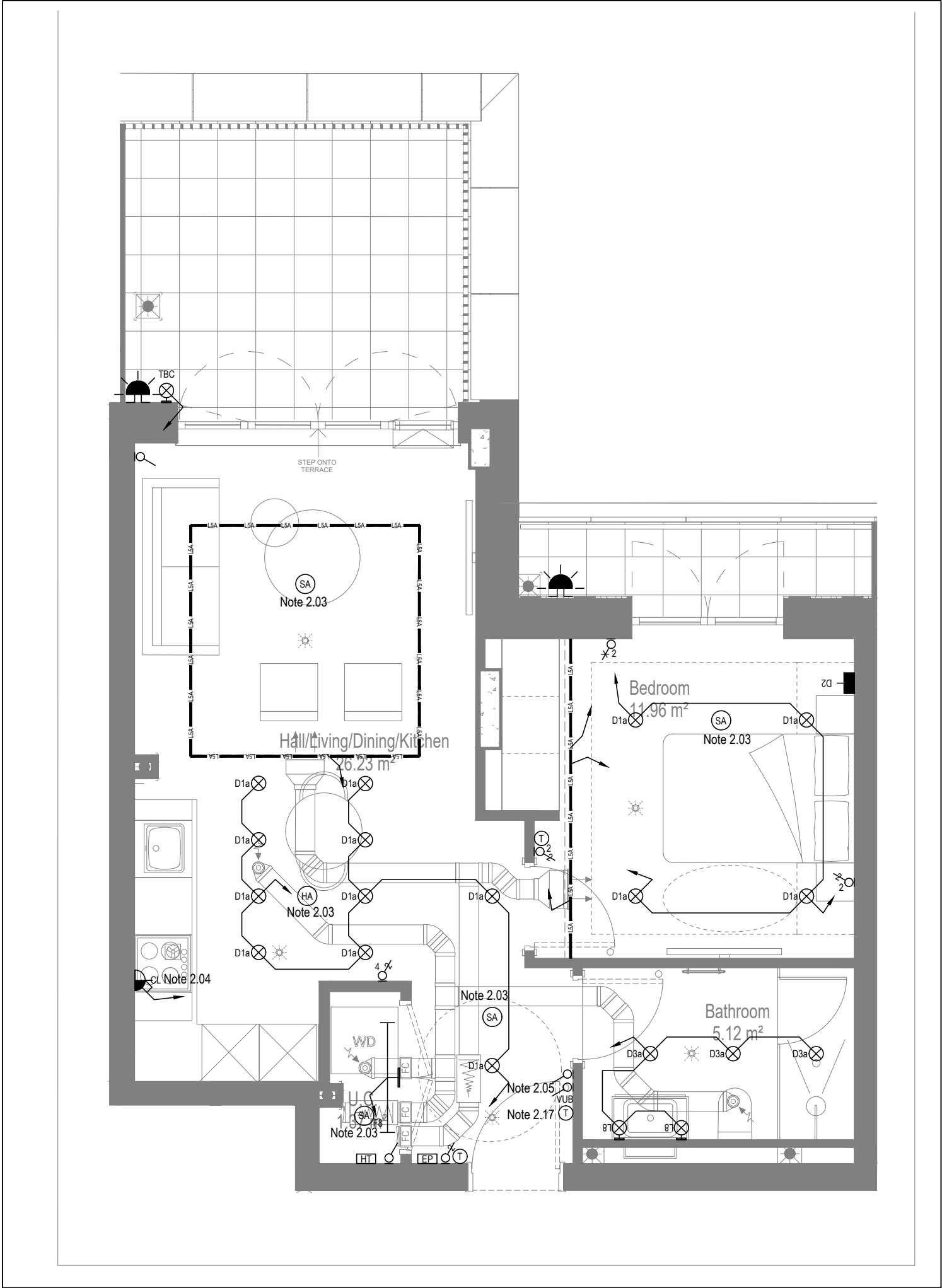
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Rev:

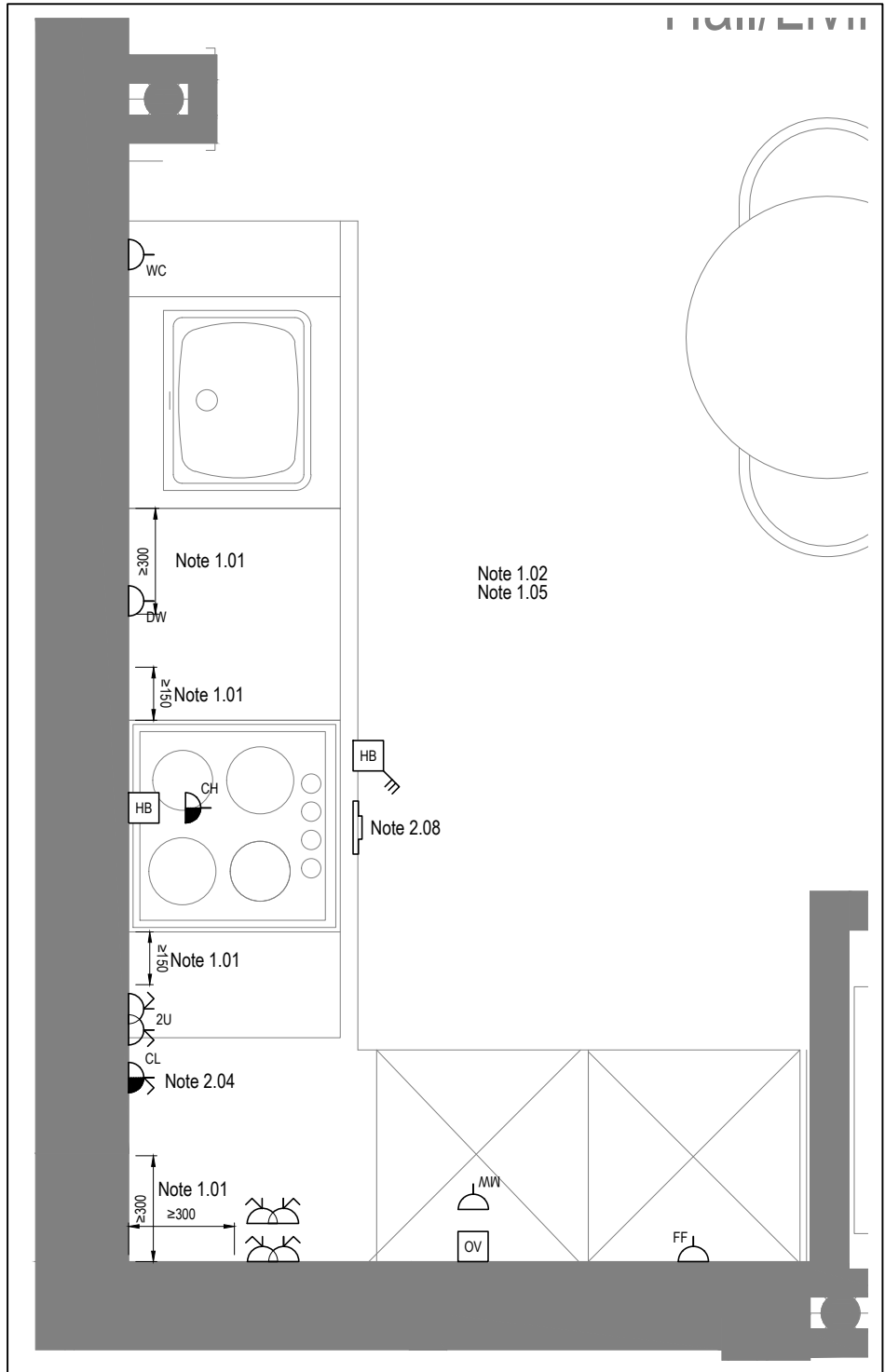
AB



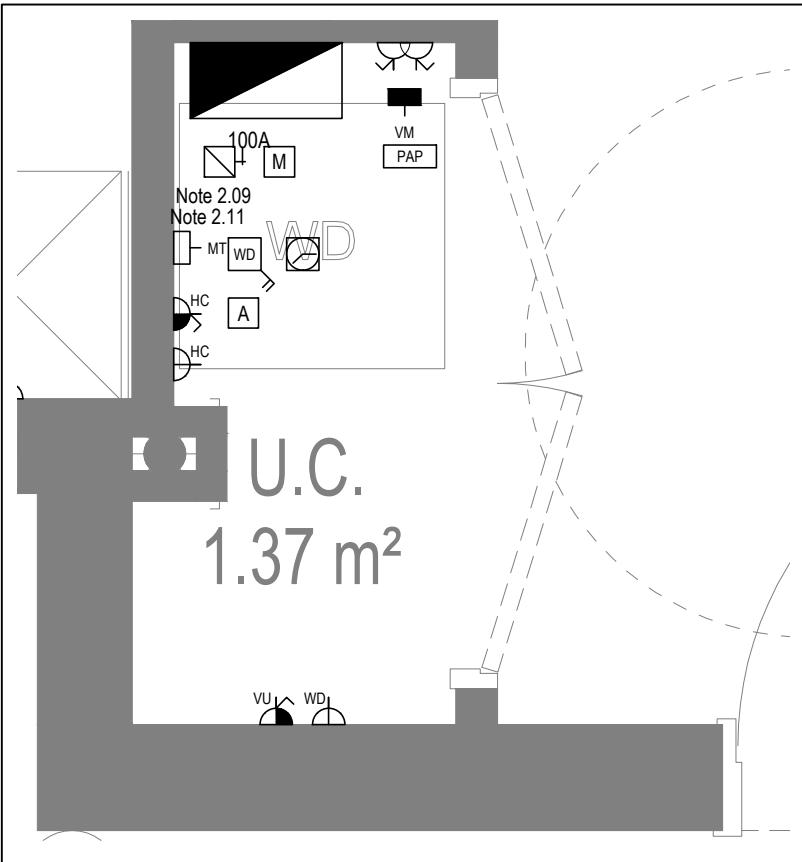
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed off-set in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shaver sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing

2.12 All towel rails shall have separate timers and controls located in the MCP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point:

- 1No. Double switched socket outlet.
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING NO:	REVISION:	DATE RECEIVED:	
3596-KDS-BA-XX-DR-A-06-1125	C2	04.01.2021	

AB	17.11.2022	AS BUILT		IV	JM
Previous revisions removed for clarity - Refer to previous drawings for issue history					
Rev	Date	Description	Scale	Drawn	Chkd
Current purpose:	AS BUILT		Scale: 1:50	Size: A1	
Original issue Date:	23.03.2020	Drawn: CDS	Chkd: JM		

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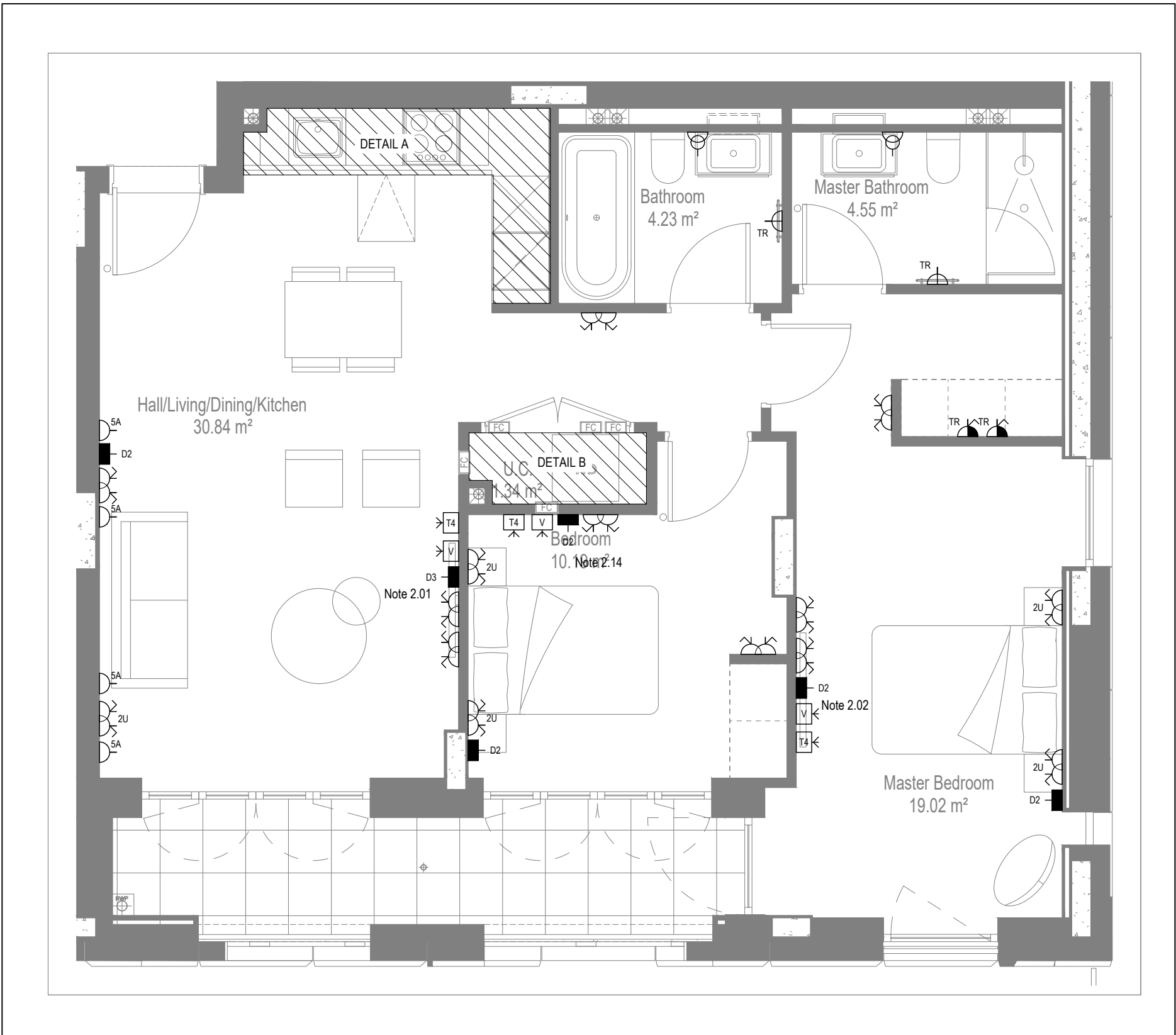
Title: ELECTRICAL SERVICES LAYOUT

Plots: AN43

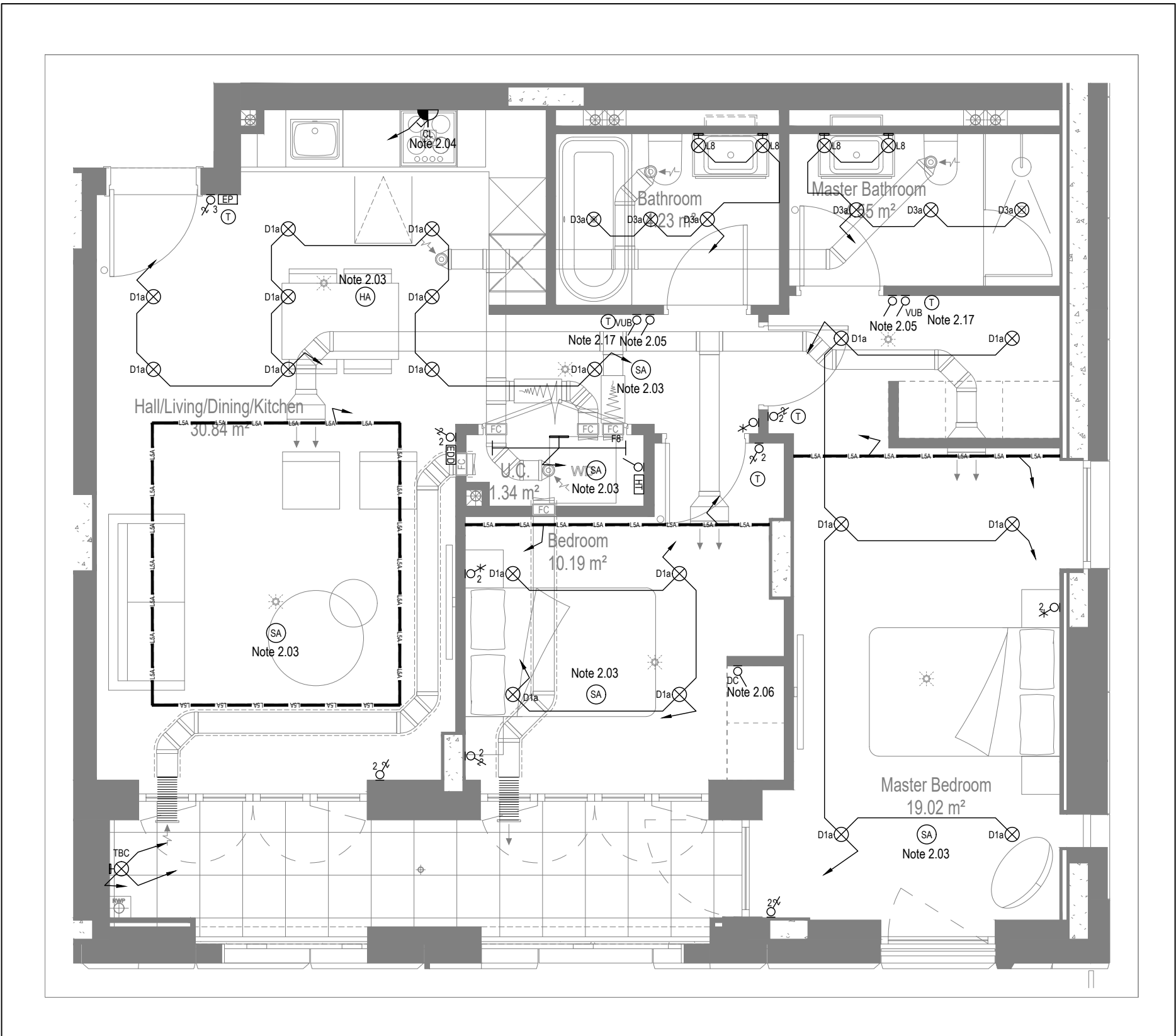
Project: HORNSEY TOWN HALL

Client: ARDMORE	Rev: AB
Dwg Number: 10687-E-03-A-0039	

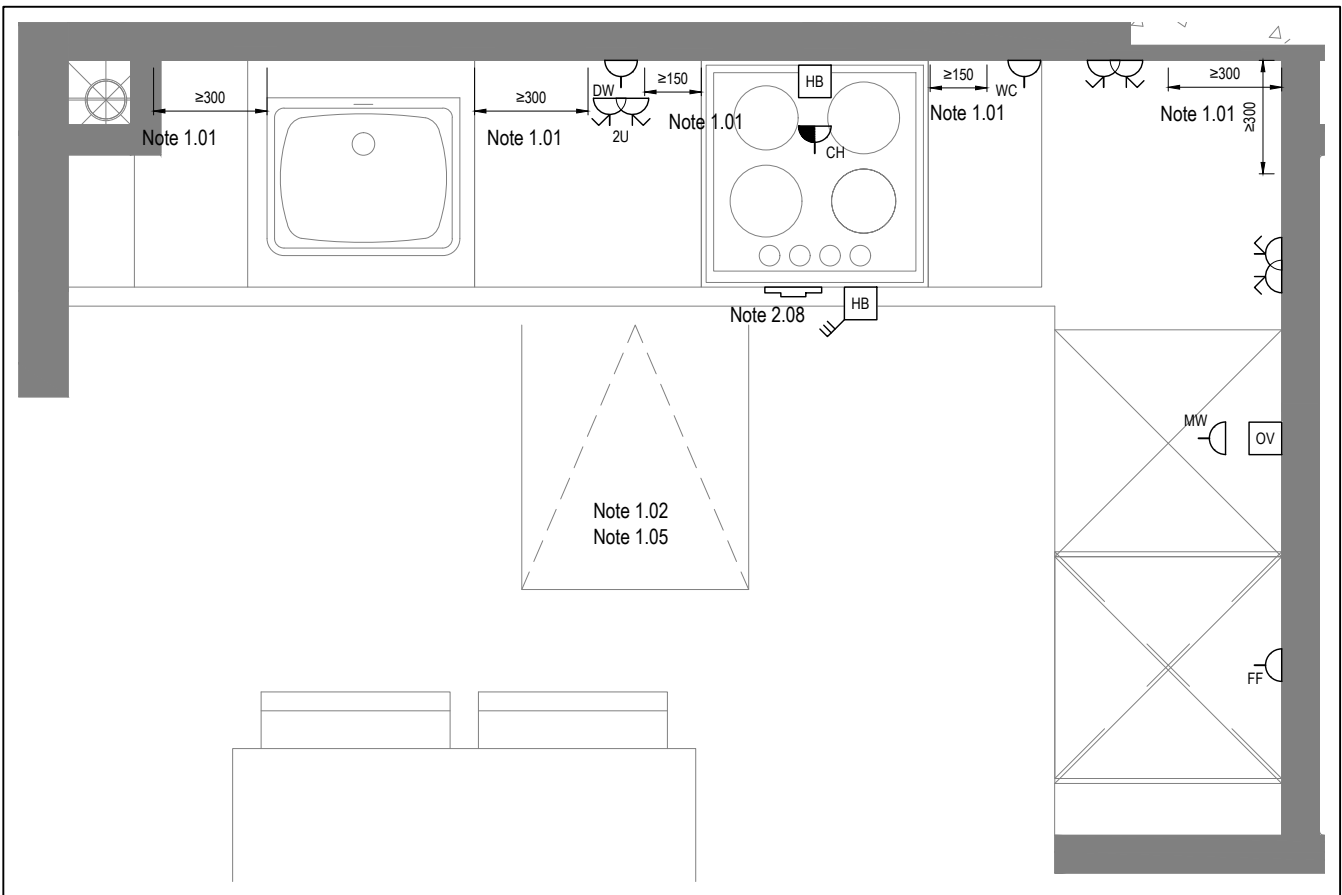
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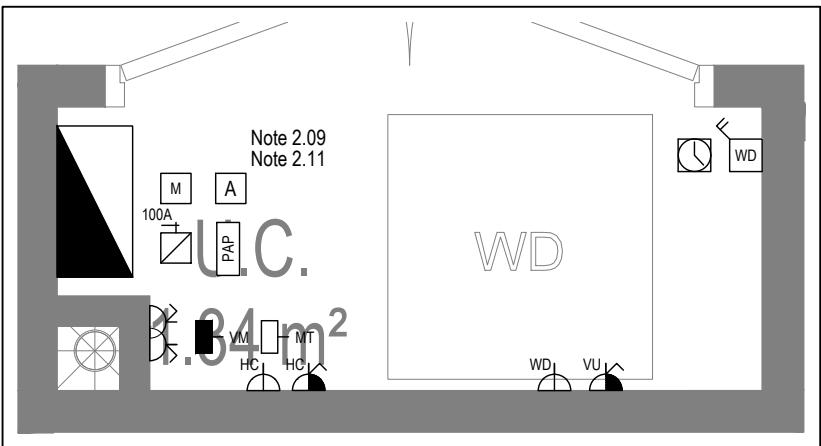
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

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1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

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1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

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2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

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- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point

- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS

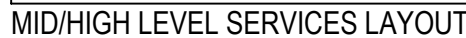
DRAWING NO: 3596-KDS-BA-XX-DR-A-06-114	REVISION: C1	DATE RECEIVED: 29.07.2021
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AB	03.02.2023	AS Built	IV	JM
C2	11.11.2021	Updated Tv points in secondary bedrooms	ZM	JM
C1	27.08.2021	Construction Issue	TN	JM
P1	16.04.2020	Preliminary Issue	MJ	JM
Rev	Date	Description	Drawn	Chkd
Current purpose:	AS BUILT	Scale: 1:50	Size: A1	
Original Issue Date:	16.04.2020	Drawn: MJ	Chkd: JM	

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Title:
ELECTRICAL SERVICES LAYOUT
FLAT TYPE 13
Plots:
B23, B33, B43, B53, B63
Project:
HORNSEY TOWN HALL
Client:
ARDMORE
Dwg Number:
10687-E-03-B-0013

Rev:
AB

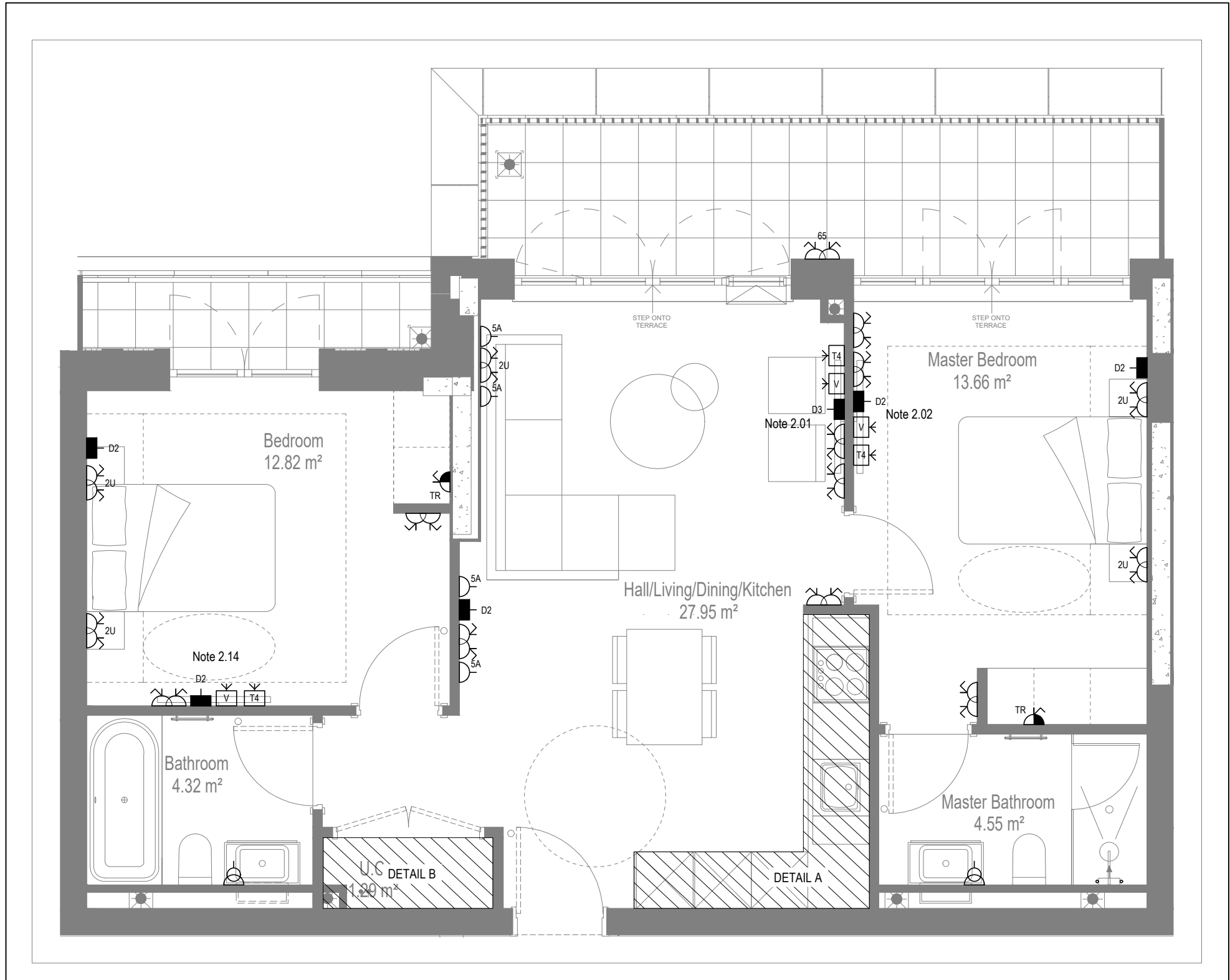


DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 26.10.2022 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

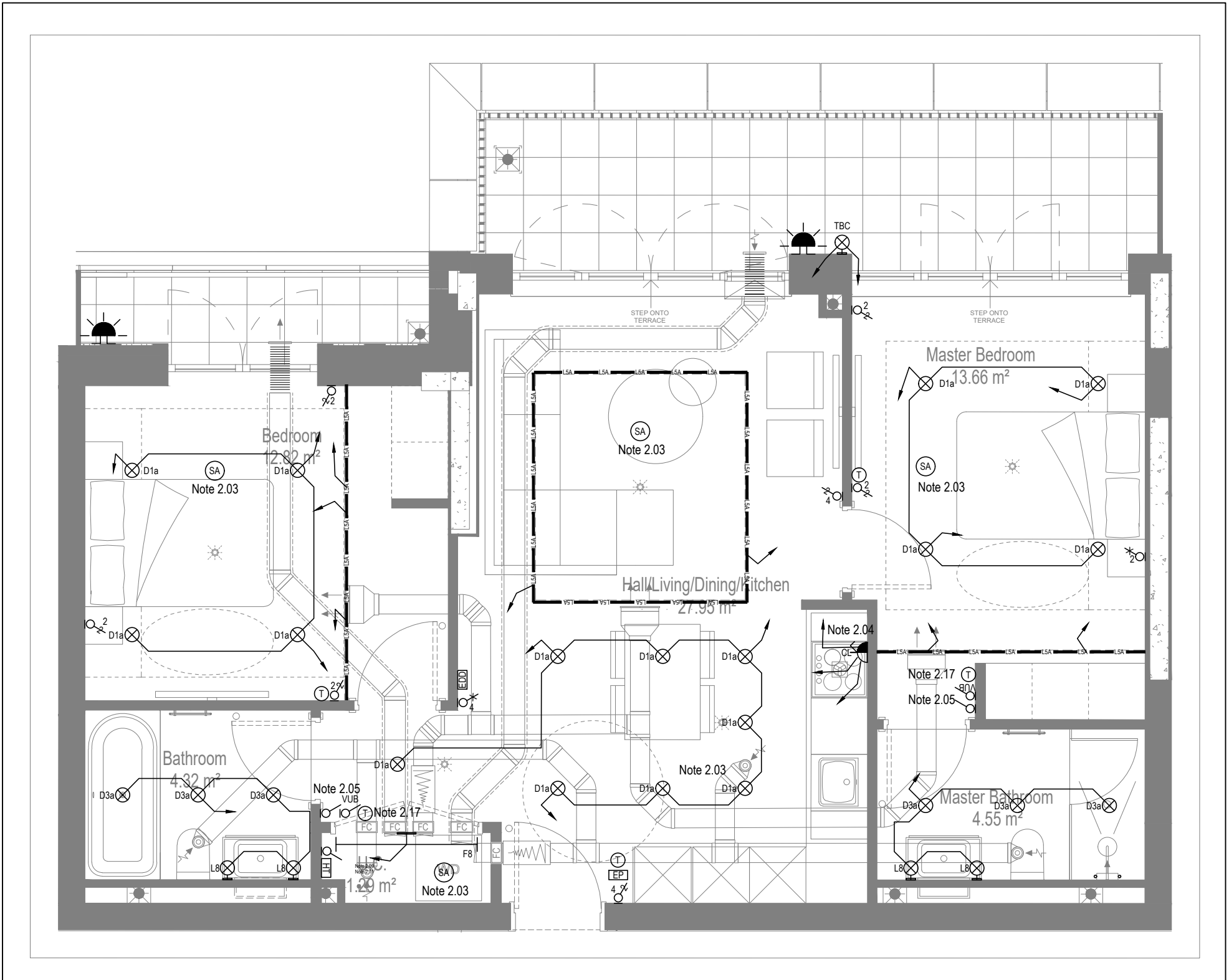
Title:		ELECTRICAL SERVICES LAYOUT FLAT TYPE PM101
Plots:		
Project:		HORNSEY TOWN HALL
Client:	ARDMORE	Rev:
Dwg Number:	10687-E-03-M-PM101	AB

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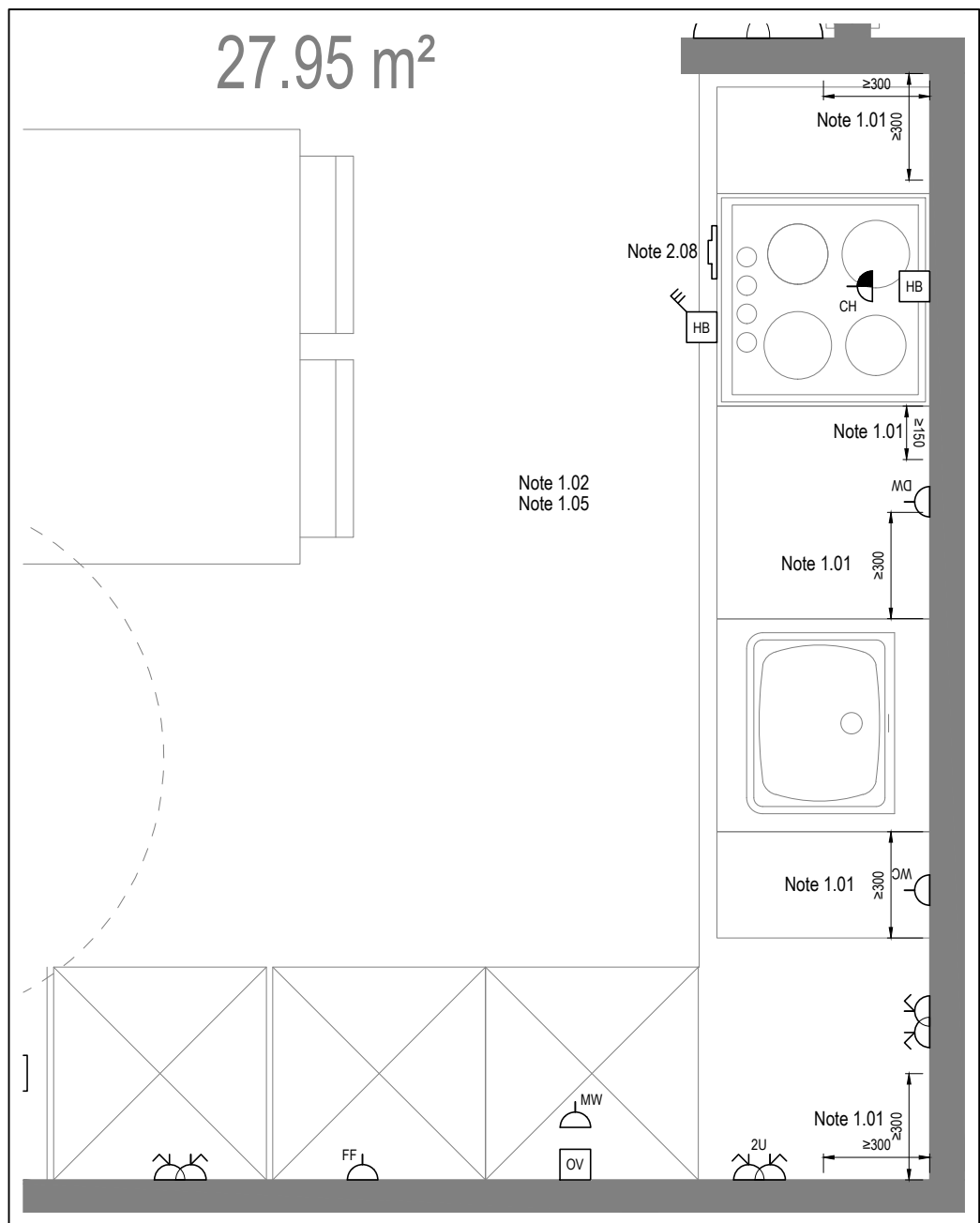
- NOTES**
- General Electrical Notes**
- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
 - Before commencing work on site, please read Design Risk Management Information.
 - All manufacturer's instructions to be reviewed prior to installation.
 - All electrical installations shall be carried out in accordance with BS 7671.
 - This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
 - Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
 - Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
 - Dimensioned setting out details to be confirmed by architect.
 - All discrepancies are to be queried with WDA before works commence.
 - Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.
- Electrical Installation Notes**
- 1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.
 - 1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
 - 1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.
 - 1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.
 - 1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.
- Tenure Specific Notes**
- 2.01 Main television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 3No. RJ45 Outlet Data Point
 - Virgin TV Outlet
 - 2.02 Master bedroom television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV Outlet
 - 2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closed to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.
 - 2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
 - 2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.
 - 2.06 Provision for pendant lighting. Final specification of luminaire by others
 - 2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.
 - 2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:
 - Cooker hood
 - Dishwasher
 - Fridge/Freezer
 - Oven
 - Wine Cooler
 - Microwave (Combi microwave where applicable)
 - VUB
 - 2.09 All consumer units to be fitted with surge supplement modules.
 - 2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
 - 2.11 For locations and setting out details of services, refer to typical cupboard drawing.
 - 2.12 All towel rails shall have separate timers and controls located in the MEP cupboard
 - 2.13 Architect to confirm the position of the towel rail.
 - 2.14 Secondary bedroom TV Point:
 - 1No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 outlet data point
 - Virgin TV outlet
 - 2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.
 - 2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
 - 2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.



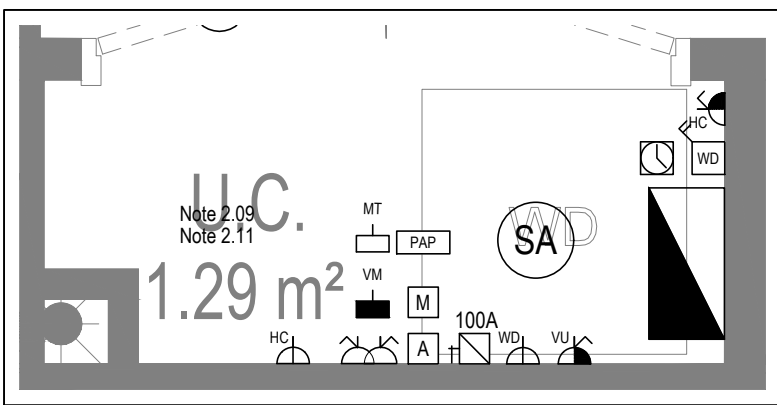
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT

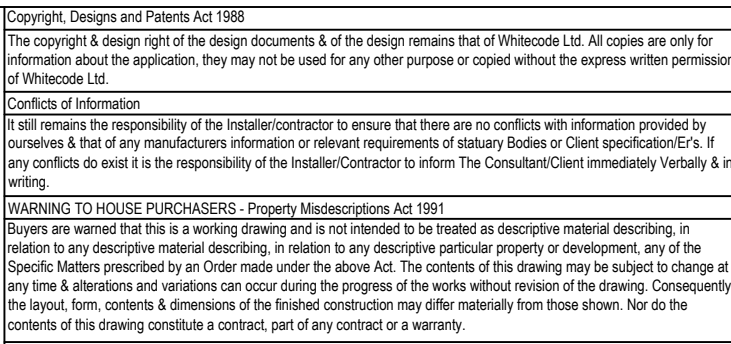


DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING NO:	3596-KDS-BA-XX-DR-A-06-1125	REVISION:	CZ
DATE RECEIVED:	04.01.2021		
AB	17.11.2022	AS BUILT	IV
Previous revisions removed for clarity - Refer to previous drawings for issue history.			
Rev	Date	Description	Dwn Chkd
Current purpose:	AS BUILT	Scale: 1:50	Size: A1
Original Issue Date:	23.03.2020	Dwn: MJ	Chkd: JM
 BUILDING SERVICES DESIGN CONSULTANTS 26-27 The Hill, Northfleet, Gravesend Kent, DA11 9EU www.whitecode.co.uk T: 01322 289977 E: design@whitecode.co.uk			
Title: ELECTRICAL SERVICES LAYOUT			
Plots: AN44			
Project: HORNSEY TOWN HALL			
Client: ARDMORE		Rev: AB	
Dwg Number: 10687-E-03-A-0040			



General Electrical Notes

- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- All discrepancies are to be queried with WDA before works commence.

Electrical Installation Notes

- 1.01 Cables connecting to RMUs shall be in accordance with DNO requirements.
1.02 DNO will provide and install the 11kV cables and substation, and terminate the services cables within the substation. An energy supplier shall provide and install the energy meters.
1.03 The equipment within the substation and the arrangement of outgoing LV circuits to buildings is shown indicative and is subject to the detailed design by DNO.
1.04 The contractor shall supply, install and set to work all cabling, conduits, distribution boards and equipment from the substation.
1.05 Installation supply-side of meters shall be supplied and installed by DNO's requirements for security of supplies, type and standard of equipment.
1.06 Refer to cable and distribution board schedules for sub-mains circuit and final circuit details.

LEGEND

POC	Point of connection
————	Non-fire rated cable
- - - - -	2-hour fire rated cable
	Switch disconnector
	Air circuit breaker
	Fuse
	Fuselink
	Energy supplier's kWh meter
	Landlord's multi-function submeter
	Consumer unit
	CT chamber

AB	03.02.2023	AS Built	N	JM
C3	06.04.2021	CONSTRUCTION ISSUE	JW	JM
C2	19.05.2021	CONSTRUCTION ISSUE	JW	JM
C1	12.06.2020	CONSTRUCTION ISSUE	SNW	JM
P1	21.05.2020	PRELIMINARY ISSUE	SNW	JM

Rev	Date	Description	Drawn	Chkd
Current purpose:	AS BUILT	Scale: NTS	Size: A0	
Original issue Date:	21.05.2020	Drawn: SNW	Chkd: JM	


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File:	BLOCK B ELECTRICAL MAINS DISTRIBUTION SCHEMATIC
Project:	HORNSEY TOWN HALL

Client:	ARDMORE	Rev. AB
Dwg Number:	10687-E-04-0001(3)	

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NOTES

General Electrical Installation Notes

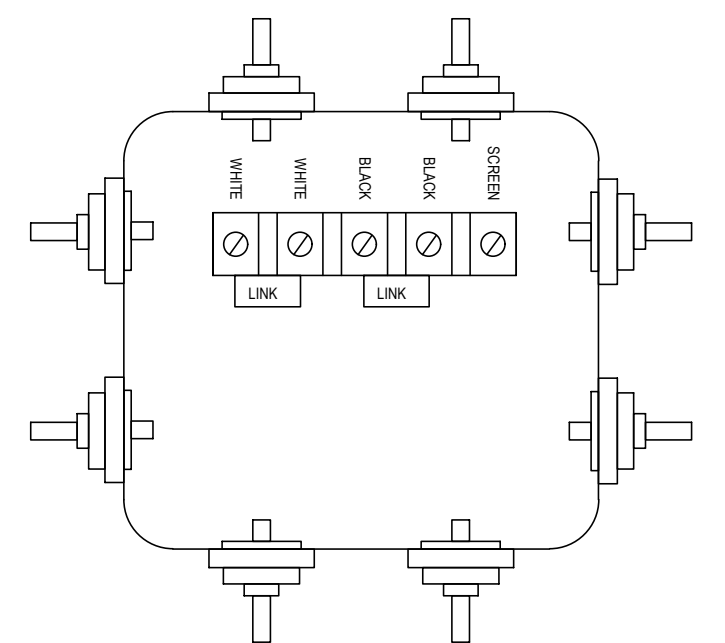
- Before commencing any work on site refer to the risk management drawings and/or registers.
- All electrical installations shall be carried out in accordance with BS 7671 and to BS5313 for cables in ducts.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system, as per section 527.02 of BS 7671 and Approved Document B.

Notes

- 1.01 All cables to be Belden 2 pair screened, size to be determined in consultation with metering company.
- 1.02 All cable terminations to have crimped lugs on cable cones.
- 1.03 HIU's in commercial units shall be provided when units are occupied, if required. Mus cables to be terminated within a junction box adjacent to the heating pipework isolator valves in the units.

Legend

- B Breakout box
- HM Heat Meter



Breakout box detail

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 24/01/2023 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

AB	03.02.2023	AS BUILT	IV	JM
P2	22.03.2021	Updated to wired system	IV	JM
P1	09.02.2021	Preliminary Issue	JW	JM
Rev	Date	Description	Drawn	Chkd
Current purpose:		AS BUILT	Scale: NTS	Size: A1
Original Issue Date:		09.02.2021	Drawn: JW	Chkd: JM



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Title: MBUS SCHEMATIC
BLOCK B

Project: HORNSEY TOWN HALL

Client: ARDMORE

Dwg Number: 10687-E-04-B-0002(1)

Rev: AB

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hub isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point:

- 1No. Double switched socket outlet.
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 26.10.2022 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS				
DRAWING No:	REVISION:	DATE RECEIVED:		
3596-KDS-MW-XX-DR-A-06-3005	C2	31.10.2022		

AB	18.11.2022	As Built	IV	JM
C3	11.11.2021	Updated secondary bedroom TV points	2M	JM
C2	18.05.2021	Wardrobe lighting removed. Samps sockets added. Thermostats updated.	IV	JM
C1	15.03.2021	Construction Issue	IV	JM
P1	07.09.2020	Preliminary Issue	IV	JM
Rev	Date	Description	Dwn	Chkd
Current purpose: AS BUILT Scale: 1:50 Size: A1				
Original Issue Date: 07.09.2020 Dwn: IV Chkd: JM				



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Title: ELECTRICAL SERVICES LAYOUT
FLAT TYPE PM102

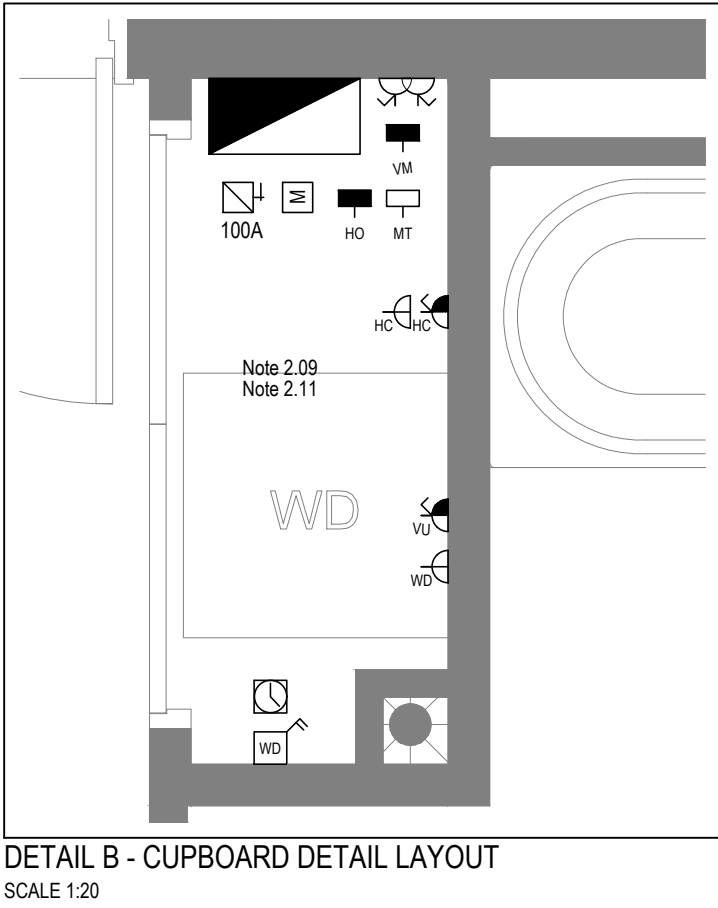
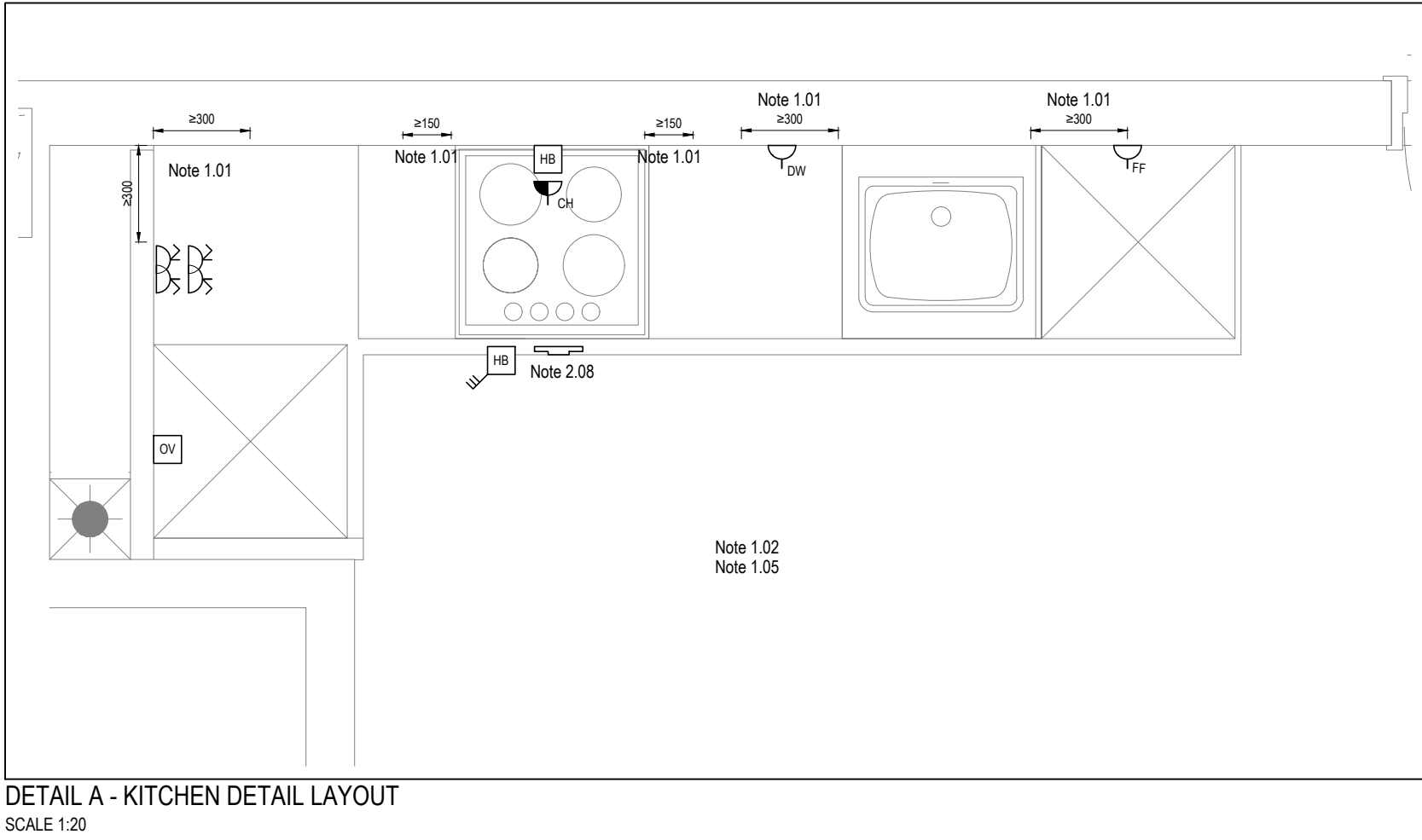
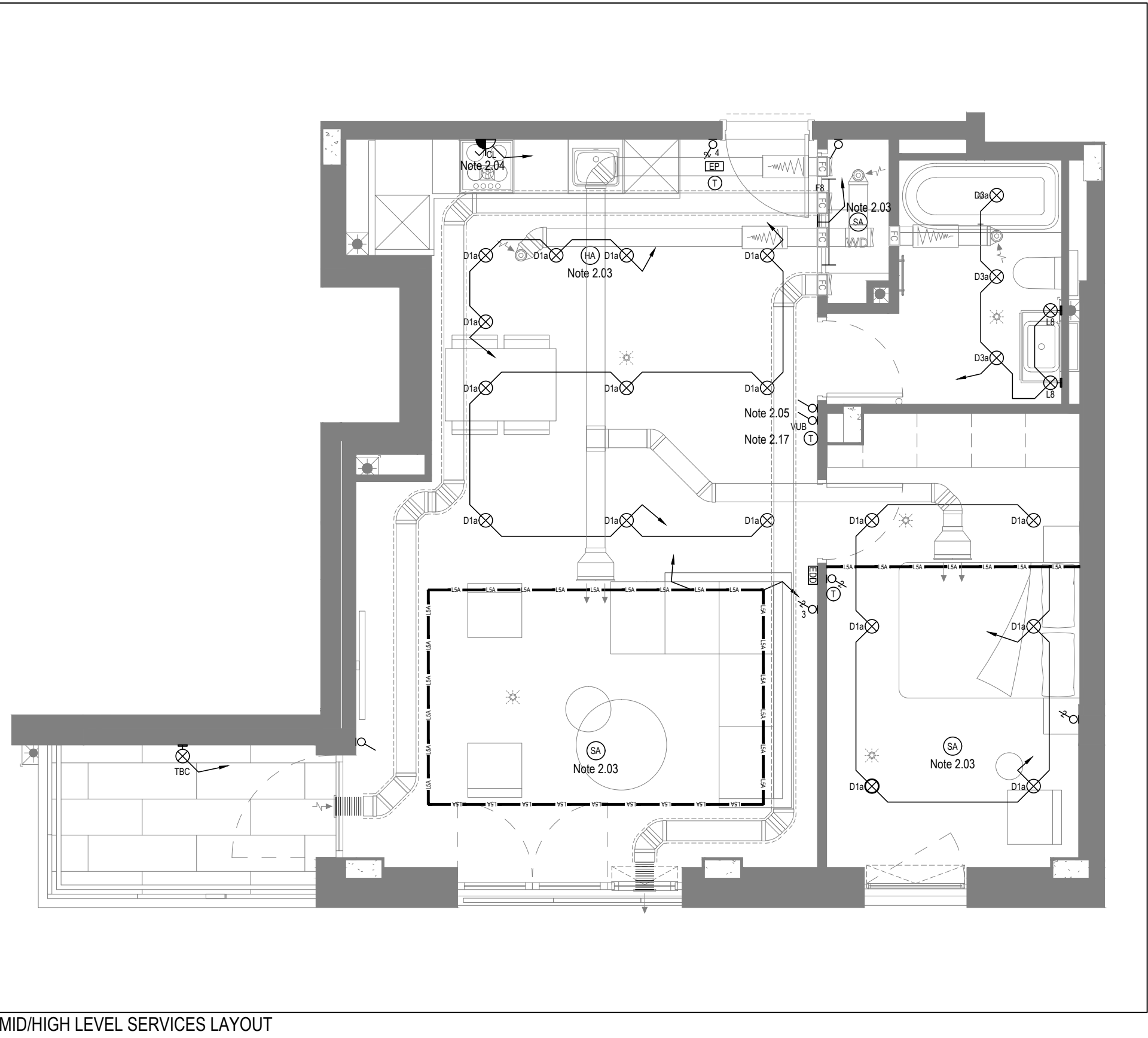
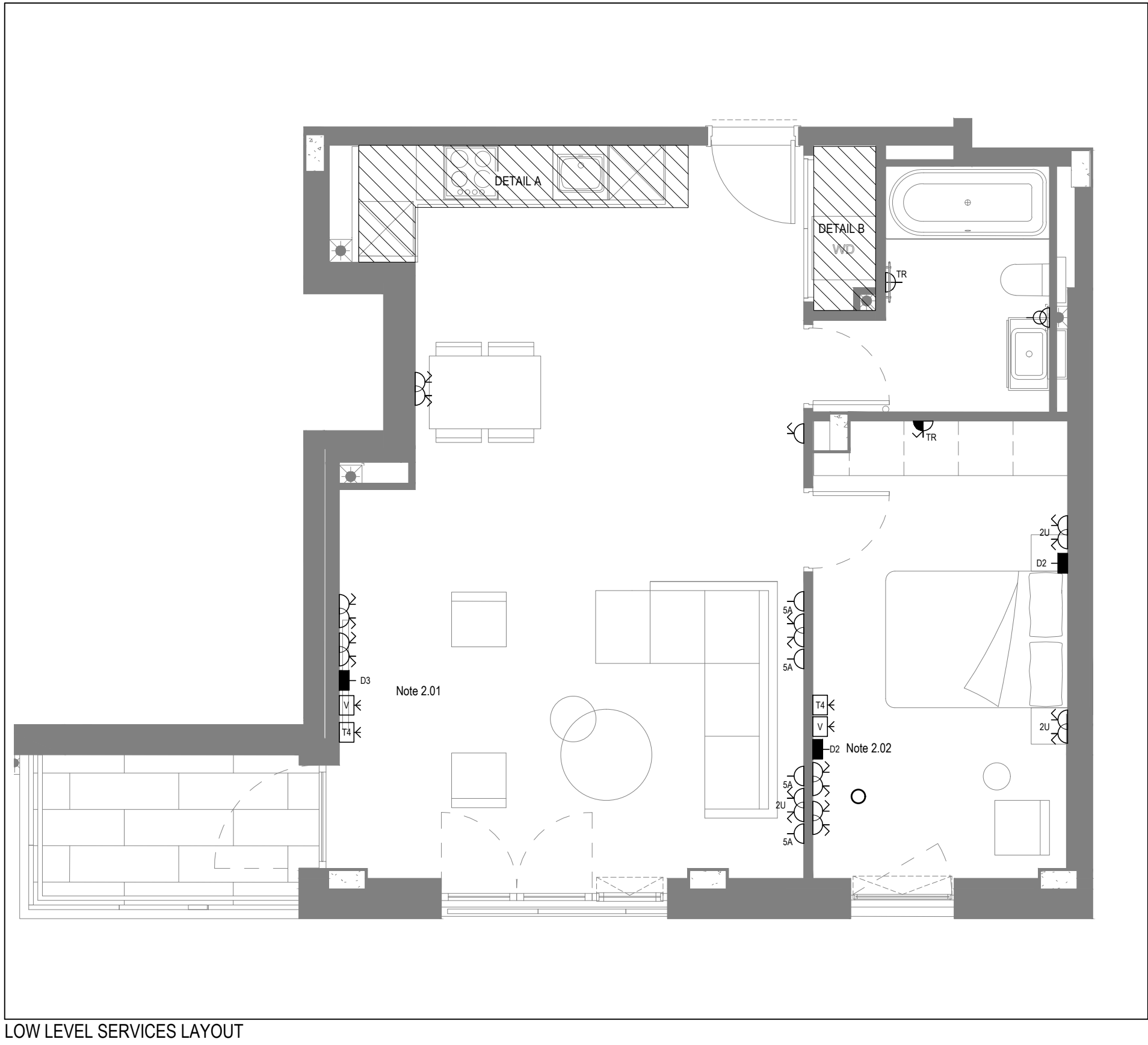
Plots:

Project: HORNSEY TOWN HALL

Client: ARDMORE

Rev: AB

Dwg Number: 10687-E-03-M-PM102

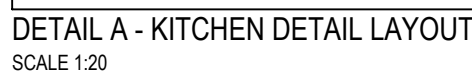
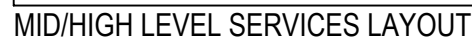


General Electrical Notes

- Mechanical services show for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671. This drawing is to be read in conjunction with the electrical symbols legend & typical mounting detail drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All responses are to be made in accordance with HDA before works commence.
- Room Temperature indication is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes:

- | | |
|------|---|
| 0.01 | All switches and sockets must be installed at least 300mm from internal corner corners to meet the requirements of Life Expectancy, 150mm from backs and 300mm from the sink basin to comply with BS7671. |
| 1.02 | The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site. |
| 1.03 | All wiring accessories shown as being installed on party walls must be installed offsite in the adjoining property such that they are not back-to-back on the party wall. |
| 1.04 | All electrical items within 2.2m of IPX7 (zone 0), must be installed at least 600mm from the edge of the shower and at least 600mm radius from basin area, or be rated to IPX4 protection (zone 1 & 2) or IPX4 (zone 0). Shower sockets compliant with BS EN15558-2 are an exception and can be installed within zone 2. |
| 1.05 | Grid switch & Hob isolation to be located in unit box coving out for cabling below hob. Location TBC by building contractor prior to final sign off. |
| | Tenure Specific Notes |
| 2.01 | Main television point comprising the following:
<ul style="list-style-type: none"> • 2x Double switched socket outlet • Quad coaxial outlet • 3x RS45 Output Data Point • Virgin TV Outlet |
| 2.02 | Master bedroom television point comprising the following:
<ul style="list-style-type: none"> • 2x Double switched socket outlet • Quad coaxial outlet • 3x RS45 Output Data Point • Virgin TV Outlet |
| 2.03 | Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms shall be dwelling shall be interconnected to provide a common alarm upon detection at any one of the alarms. Smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector located to apartment entrance shall be fitted with relay base for connection to landlord's fire alarm system. All wiring shall be running going to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist. |
| 2.04 | 2 gang switch for bathroom light and extra ventilation boost, with label inside the mounting box warning of multiple circuits. |
| 2.05 | 6 gang switch for bathroom lighting. Final specification of luminaires by others. |
| 2.06 | All switches to be mounted on single faceplate with label warning of multiple circuits. |
| 2.08 | 6 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:
<ul style="list-style-type: none"> • Cooker hood • Dishwasher • Fridge/freezer • Oven • Wine Cooler • Microwave (Combi microwave where applicable) • VUB |
| 2.09 | All consumer units to be fitted with surge supplement modules. |
| 2.10 | Refer to kitchen layouts for positions of electrical appliances before any installation work commences. |
| 2.11 | For locations and setting out details of services, refer to typical cupboard drawing. |
| 2.12 | All towel rails shall have separate terminals and controls located in the MEP cupboard. |
| 2.13 | Ahorl to confirm the position of the towel rail. |
| 2.14 | Sealed bay below TV & sensor within bathroom. Final location of all access panel TBC by underfloor heating contractor.
<ul style="list-style-type: none"> • 1x Double switched socket outlet • Quad coaxial outlet • 2x RS45 output data point • Virgin TV outlet |
| 2.15 | Pre-arr for future luminaire within Besa box including blank plate, switch activated as indicated. |
| 2.16 | Switched feed connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel. |
| 2.17 | Sealed bay below TV & sensor within bathroom. Final location of all access panel TBC by underfloor heating contractor. |



AB	17.11.2022	AS BUILT	IV	JM
Previous revisions removed for clarity - Refer to previous drawings for issue history.				
Rev	Date	Description	Dwn	Chkd
Current purpose:		AS BUILT	Scale: 1:50	Size: A1
Original Issue Date: 23.03.2020		Dwn: SP	Chkd: JM	


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Title:		ELECTRICAL SERVICES LAYOUT FLAT TYPE 41	
Plots:		AN 45	
Project:		HORNSEY TOWN HALL	
Client:	ARDMORE	Rev:	AB
Dwg Number:	10687-E-03-A-0041		

- 1.1 Before commencing any work on site refer to the risk management drawings and/or registers.
- 1.2 All electrical installations shall be carried out in accordance with BS7671:2018.
- 1.3 Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system, as per section 527.02 of BS7671 and Approved Document B.
- 1.4 This drawing shall be read in conjunction with all relevant specifications and contract documents. Any discrepancies found must be reported to WDA for clarification.

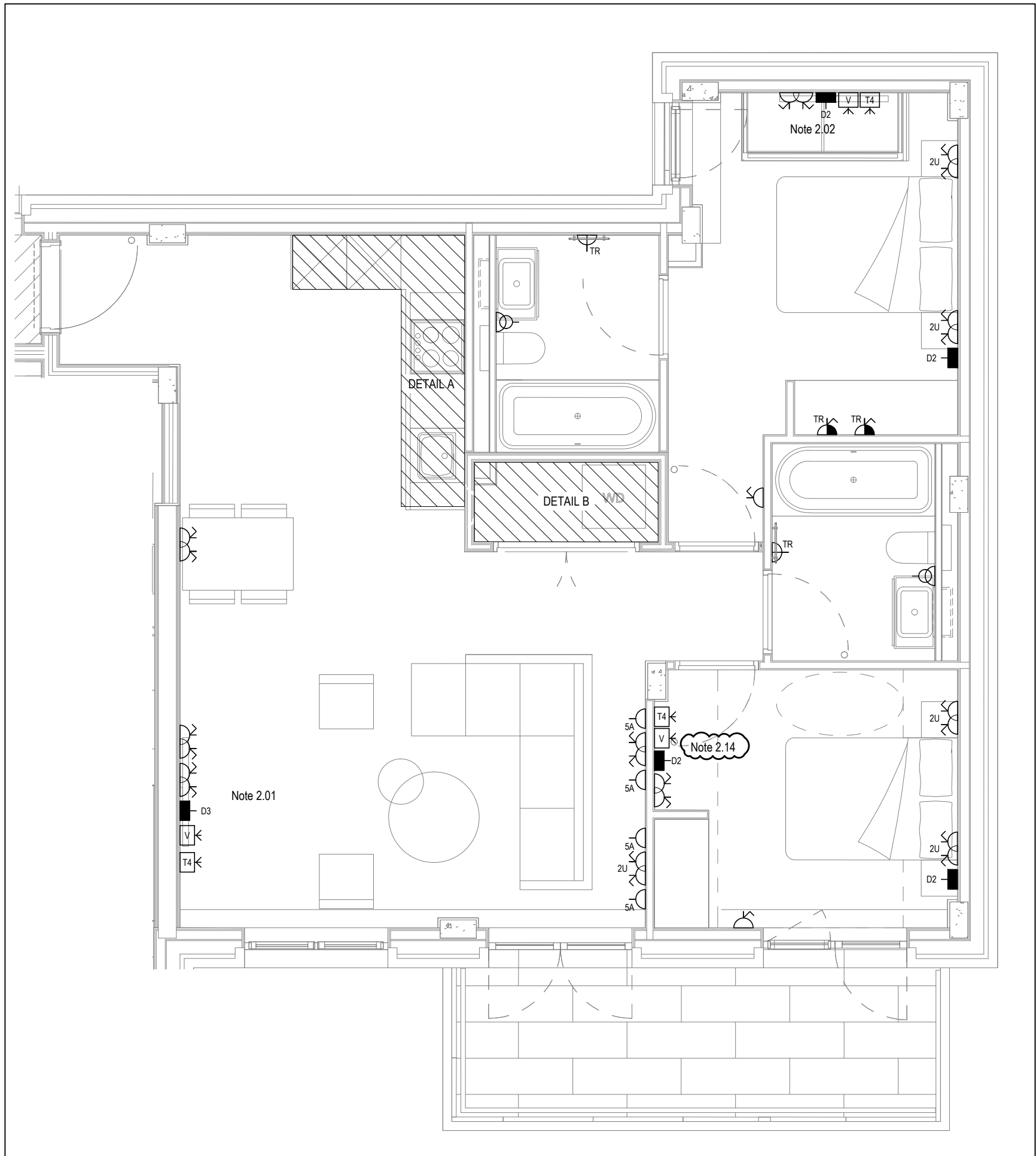
- 2.1 Drawing shows design intent only, to be developed by specialist contractor.
- 2.2 Extraction of dishes shown for information only, specialist to align to satellites during commissioning.
- 2.3 Systems based on Global Incompart numbers, although an equal and approved supplier may be used. Global Incompart part numbers provided for guidance only. The specialist contractor must confirm all part numbers from the chosen system manufacturer.
- 2.4 Leads connecting outlets to television sets and digiboxes to be provided by residents.
- 2.5 The whole television/radio installation must conform to the CAI code of practice.
- 2.6 Television system cables shall be CAI benchmark approved conforming to BS EN 50117, and all other cables must be accepted and shall be removed and replaced at the Contractor's expense.
- 2.7 Television/radio signal levels to be CAI minimum of 60dBm micro-volts at the lowest/thinnest outlet. Generally a design standard of 60dBm micro-volts for digital and 56dBm micro-volts for terrestrial analogue are required.
- 2.8 All outlets must conform to SEN S0083.
- 2.9 Satellite service to be confirmed by client.

Schedule of flats Block B			
Floor	No. of flats	No. of Sky Q cables	Total No. of cables
Lower Ground	4	4	4
Ground	6	6	6
1st	6	6	6
2nd	6	6	6
3rd	6	6	6
4th	6	6	6
5th	6	6	6
Total	40	40	40

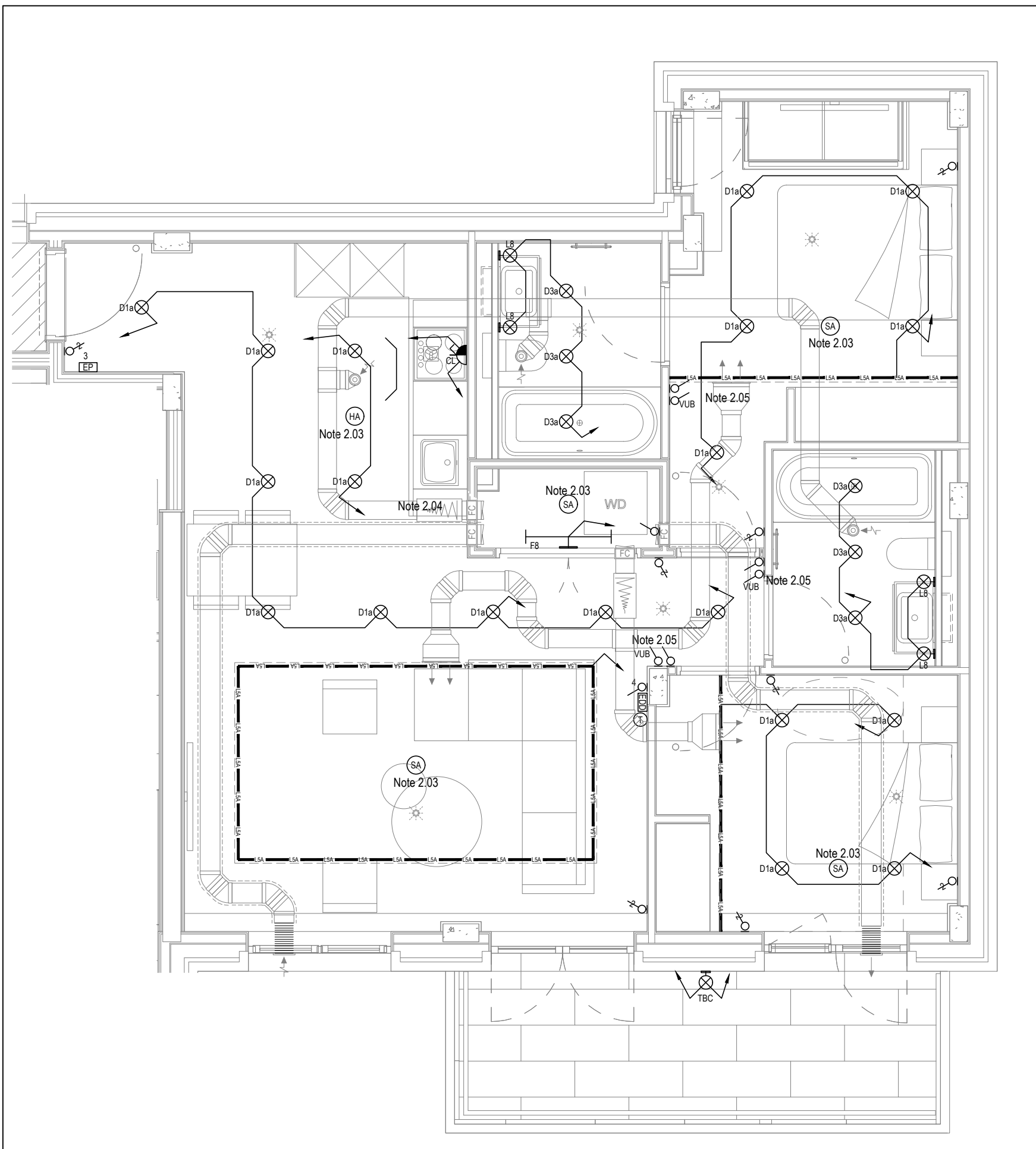
DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

Current purpose:	AS BUILT	Scale:	NTS	Size:	A1
Original Issue Date:	17.01.2020	Drwn:	IV	Chkd:	JM

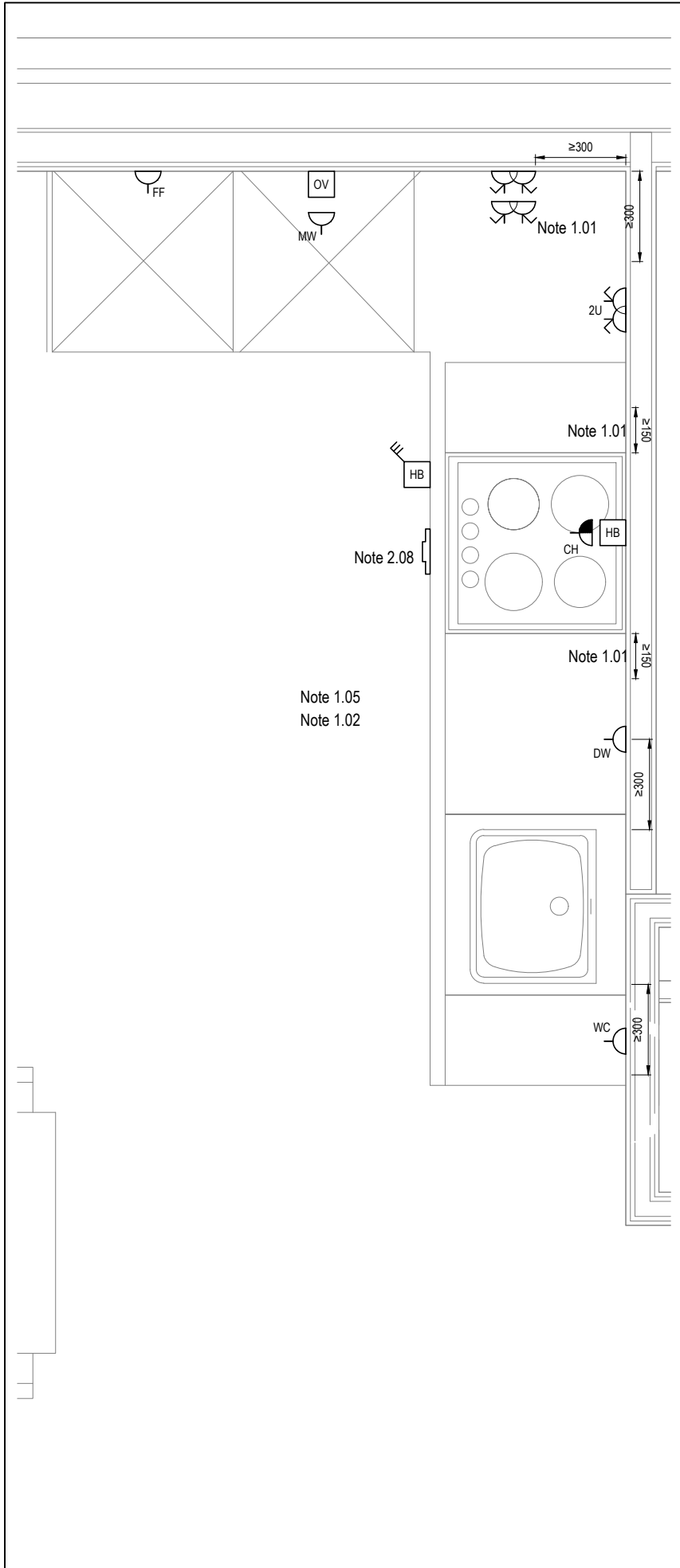
Title:		BLOCK B IRS SCHEMATIC	
Project:		HORNSEY TOWN HALL	
Client:	ARDMORE	Rev:	AB
Dwg Number:	10687-E-04-B-0003(2)		



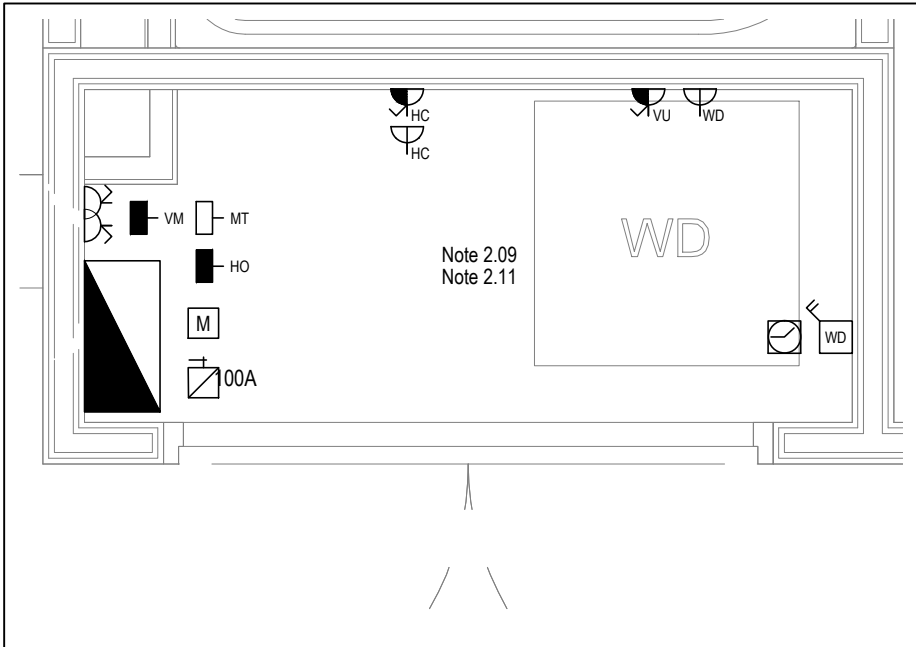
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

- 1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.
- 1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
- 1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.
- 1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.
- 1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

- 2.01 Main television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 3No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- 2.02 Master bedroom television point comprising the following:
 - 2No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 Outlet Data Point
 - Virgin TV Outlet
- 2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.
- 2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
- 2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.
- 2.06 Provision for pendant lighting. Final specification of luminaire by others
- 2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.
- 2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-
 - Cooker hood
 - Dishwasher
 - Fridge/freezer
 - Oven
 - Wine Cooler
 - Microwave (Combi microwave where applicable)
 - VUB
- 2.09 All consumer units to be fitted with surge supplement modules.
- 2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
- 2.11 For locations and setting out details of services, refer to typical cupboard drawing.
- 2.12 All towel rails shall have separate timers and controls located in the MEP cupboard
- 2.13 Architect to confirm the position of the towel rail.
- 2.14 Secondary bedroom TV Point:
 - 1No. Double switched socket outlet
 - Quad coaxial outlet
 - 2No. RJ45 outlet data point
 - Virgin TV outlet
- 2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.
- 2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
- 2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 26.10.2022 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER: KDS			
DRAWING No:	REVISION:	DATE RECEIVED:	
3596-KDS-MW-XX-DR-A-06-3006	C2	31.10.2022	

AB	18.11.2022	As Built	IV	JM
C3	11.11.2021	Updated secondary bedroom TV points	2M	JM
C2	18.05.2021	Wardrobe lighting removed. Samps sockets added. Thermostats updated.	IV	JM
C1	12.03.2021	Construction Issue	IV	EJ
P1	07.09.2020	Preliminary Issue	IV	JM
Rev	Date	Description	Dwn	Chkd

Current purpose:	CONSTRUCTION	Scale: 1:50	Size: A1
Original Issue Date:	07.09.2020	Dwn: IV	Chkd: JM



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Title:

ELECTRICAL SERVICES LAYOUT
FLAT TYPE PM103

Plots:

Project:

HORNSEY TOWN HALL

Client:	ARDMORE	Rev:	AB
Dwg Number:	10687-E-03-M-PM103		

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NOTES
General Electrical Notes
- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.
Electrical Installation Notes
1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.
1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.
1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.
1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.
1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.
Tenure Specific Notes
2.01 Main television point comprising the following:
- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
2.02 Master bedroom television point comprising the following:
- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet
2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.
2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.
2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.
2.06 Provision for pendant lighting. Final specification of luminaire by others
2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.
2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliances served:-
- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB
2.09 All consumer units to be fitted with surge supplement modules.
2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.
2.11 For locations and setting out details of services, refer to typical cupboard drawing.
2.12 All towel rails shall have separate timers and controls located in the MEP cupboard
2.13 Architect to confirm the position of the towel rail.
2.14 Secondary bedroom TV Point
- 1No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV Outlet
2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.
2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.
2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER: KDS ARCHITECTS		
DRAWING NO:	REVISION:	DATE RECEIVED:
3596-KDS-BA-XX-DR-A-06-1162	P2	28.08.2020

AB	17.11.2022	Updated to as built	LMS	JM
C2	02.11.2021	Updated Tv points in secondary bedroom	ZM	JM
G1	10.11.2020	Construction Issue	CDS	JM
P1	23.03.2020	Preliminary Issue	AJH	JM
Rev	Date	Description	Drawn	Chkd
Current purpose: CONSTRUCTION		Scale: 1:50	Size: A1	
Original Issue Date: 23.02.2020		Drawn: AJH	Chkd: JM	

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Title:
ELECTRICAL SERVICES LAYOUT
FLAT TYPE A42, (SHEET 1 OF 2)
AN46
Plots:
Project:
HORNSEY TOWN HALL
Client:
ARDMORE
Dwg Number:
10687-E-03-A-0042(1)

Rev:
AB

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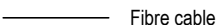
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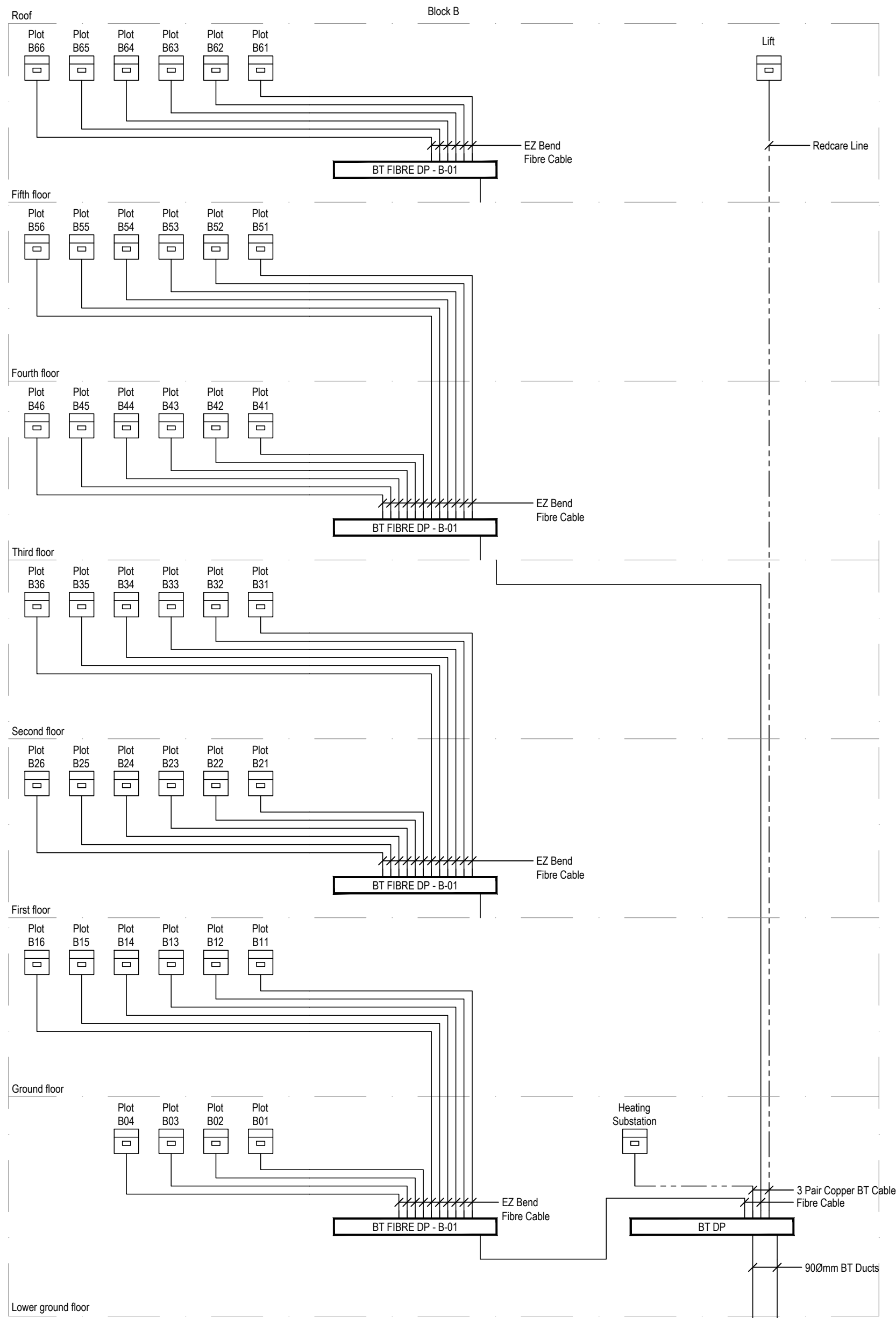
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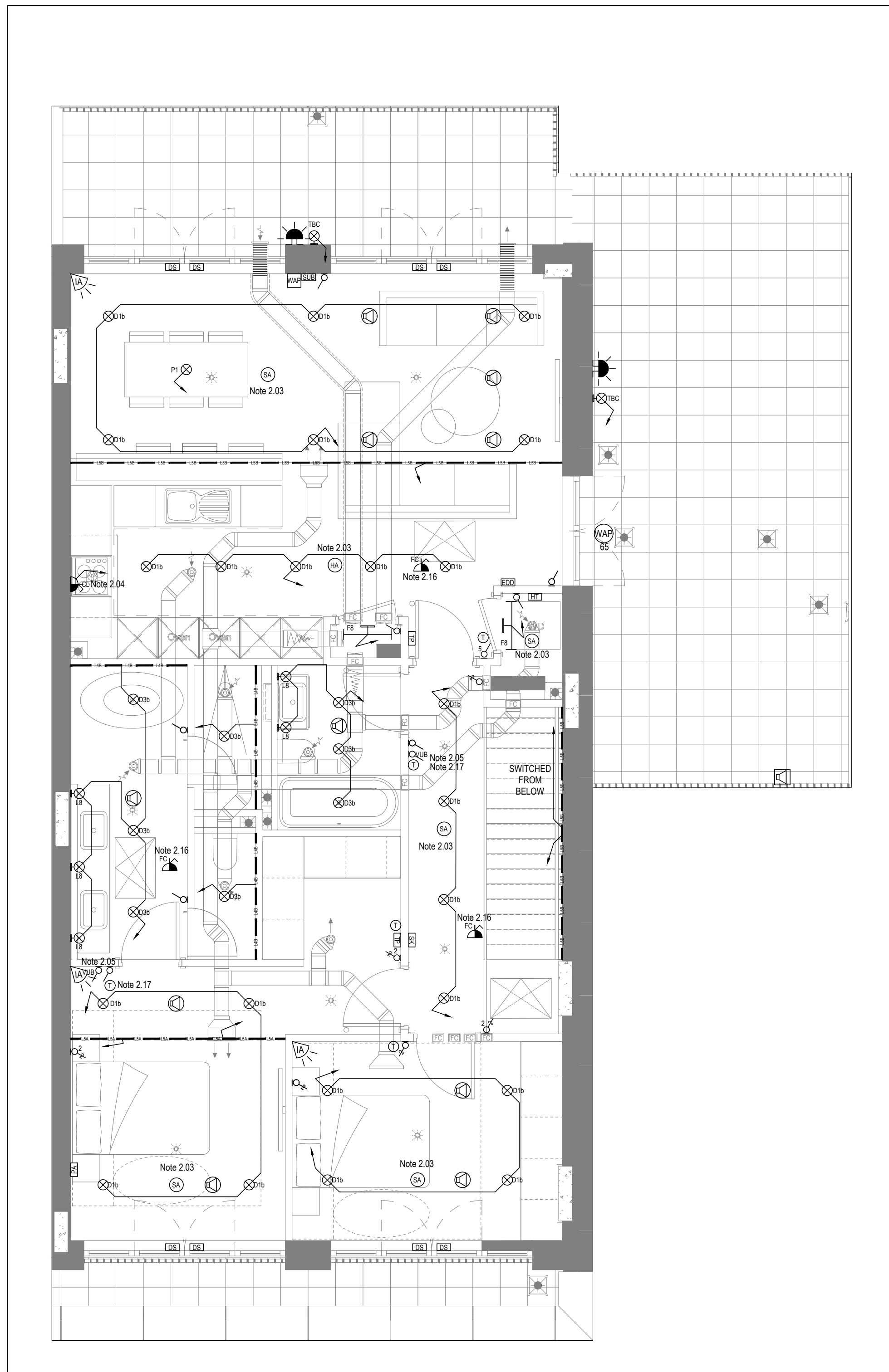
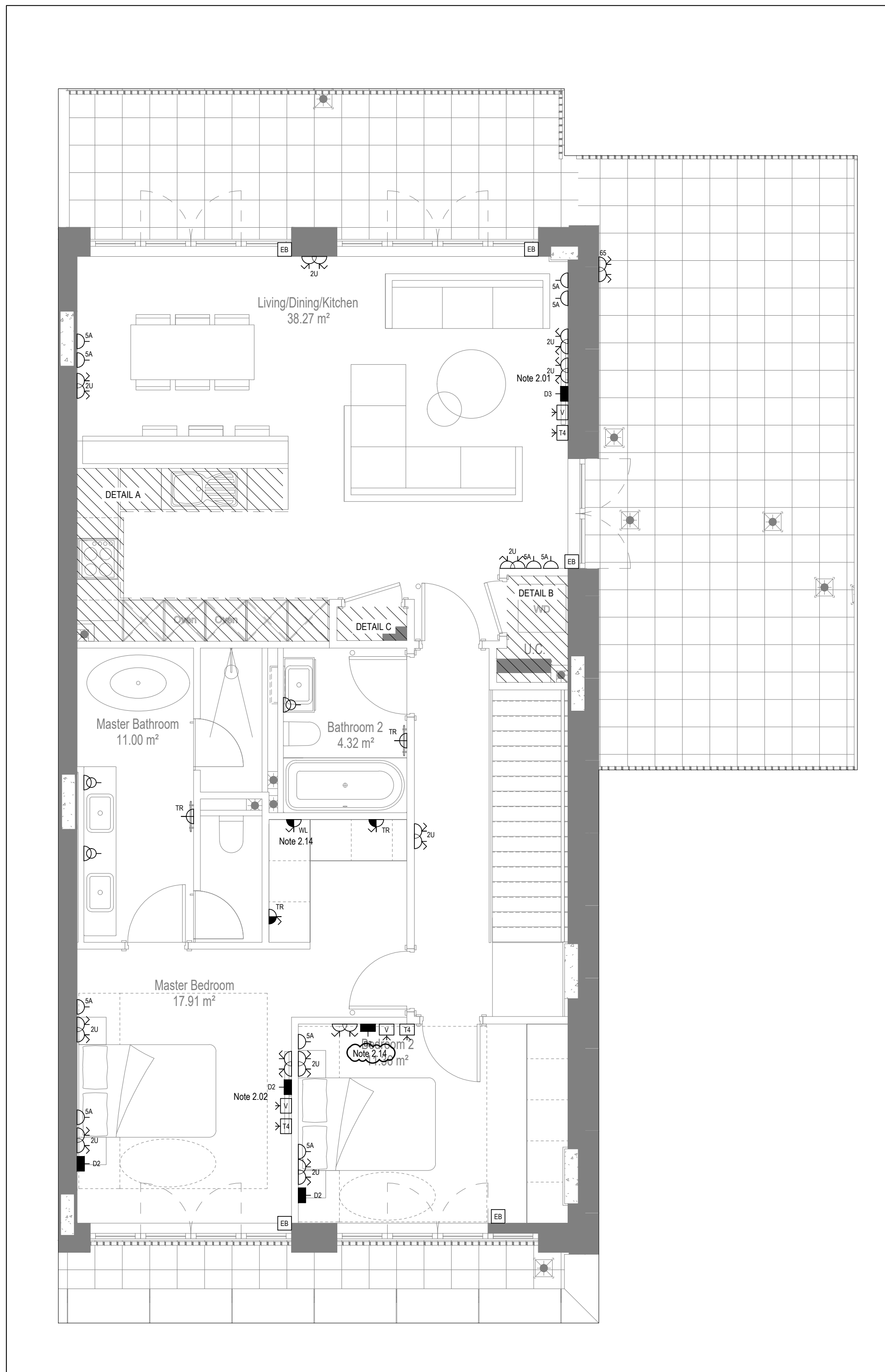
Notes

1. Before commencing any work on site refer to the risk management drawings and/or registers.
2. This drawing is indicative only. The installation must be in line with BT standards and requirements. Please refer to developers guide and new sites representative for more information.
3. This drawing shall be read in conjunction with all relevant specifications and contract documents. Any discrepancies found must be reported to WDA for clarification.
4. Openreach shall supply the cables. Arrangement and cable specifications are indicative, for pricing purposes. The actual arrangement is to be advised by Openreach.
5. The electrical contractor shall be responsible for the installation of Openreach's cables throughout and for the provision of containment. Openreach shall be responsible for the termination of all cables. Fibre cables shall have 1-metre of spare cable left at each end for Openreach to terminate.

Symbols

-  BT consumer connection point
-  Fibre cable
-  CW1308 copper cable





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NOTES

General Electrical Notes

- Mechanical services show for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- This electrical installation shall be carried out in accordance with BS 7671.
- All drawing details shall be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- All dimensions specified out of date to be confirmed by architect.
- All discrepancies are to be resolved with the WD before works commence.
- Room thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes:

- All switches and sockets must be installed at least 300mm from internal corner
 to meet the requirements of Lifetime Homes, 150mm from bays and 300mm
 from sink basin to comply with BS7171.
 The kitchen layout shown is indicative only. Please refer to specialist drawings for
 final layouts before any installation work commences on site.
 All wiring accessories shown as being installed on party walls must be installed
 off in the adjoining property where they are not back-to-back on the party wall.
 All electrical items within 2.2m of IPFX zone must be installed at least 600mm from
 the zone. Items further lower and at least 600mm radius from basin taps, or be taken
 to IPKA protection (zone 1 & 2) of IPFX (zone 1). Shaver sockets compliant with BS
 EN15582-2 are an exception and can be installed within zone 2.
 Grid switch & hob isolation to be located in unit on box out for ceiling below hob.
 Location TBC by building contractor prior to final sign off.
- Tenure Specific Notes**
 2.01 Main television switched comprising the following:
 • 2No. Double switched socket outlet
 • Quad coaxial outlet
 • 3No. RJ45 UTP Data Point
 • Virgin TV outlet
 2.02 Master bedroom television point comprising the following:
 • 2No. Double switched socket outlet
 • Quad coaxial outlet
 • 3No. RJ45 UTP Data Point
 • Virgin TV outlet
 2.03 Smoke and alarm smoke bells must be smoke fed to charged battery backup. All
 alarm wiring shall be interconnected to provide a common alarm upon
 detection at any one alarm. All smoke and alarm bells must be positioned at least
 300mm from any door or other obstruction. Detector located to apartment entrance
 shall be fitted on dry relay base for connection to landlord's fire alarm system.
 2.04 All kitchen lighting to be wired to kitchen lighting circuit. Locations of spurs to
 be coordinated with kitchen specialist.
 2.05 2 gang switch for bathroom light and extract ventilation booster, with label inside
 the switch box warning of multiple circuits.
 2.06 All kitchen lighting to be wired to kitchen lighting circuit of luminaires by others.
 2.07 All switches to be mounted on single plate with label warning of multiple circuits.
 2.08 6 gang grid switch fitted with 20A double pole switches, each switch engraved
 with the name of the appliance served:
 • Cooker hood
 • Dishwasher
 • Fridge/freezer
 • Oven
 • Wine Cooler
 • Microwave (Combi microwave where applicable)
 • VUB
 2.09 All consumer units to be fitted with surge supplement modules.
 2.10 Refer to kitchen layouts for positions of electrical appliances before any installation
 work commences.
 For locations and setting out details of services, refer to typical cupboard drawing.
 2.11 All lower rails shall have separate timers and controls located in the MEP cupboard
 adjacent to the position of the towel rail.
 2.12 **Confirm the position of the towel rail.**
 2.13 2No. Double switched socket outlet
 2.14 • Quad coaxial outlet
 • 2No. RJ45 outlet data point
- Pre-wired kitchen unit to be wired to kitchen box including blank plate, switched as
 indicated.
 Switched fused consumer unit located in ceiling void to serve fan coil unit. Switched
 fused consumer unit must be positioned within 300mm of the access panel.
 2.17 All kitchen lighting to be wired within bathroom. Final location of all sensor TBC by
 underfloor heating contractor.

BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING No:		REVISION:	DATE RECEIVED:
3596-KDS-BA-XX-DR-A-06-1152		P2	28.08.2020

AB	17.11.2022	Updated to as built	LMS	JM
C2	02.11.2021	Updated Tv points in secondary bedroom	ZM	JM
C1	10.11.2020	Construction Issue	CDS	JM
P1	23.03.2020	Preliminary Issue	AJH	JM
Rev	Date	Description	Drwn	Chkd

Current purpose:	AS BUILT	Scale: 1:50	Size: A1
Original Issue Date:	23.02.2020	Drwn: AJH	Chkd: JM


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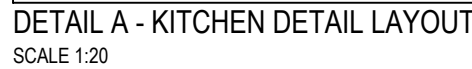
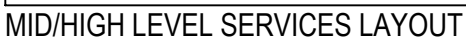
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Title: ELECTRICAL SERVICES LAYOUT
FLAT TYPE A42, (SHEET 2 OF 2)
Plots: AN46

Project: HORNSEY TOWN HALL

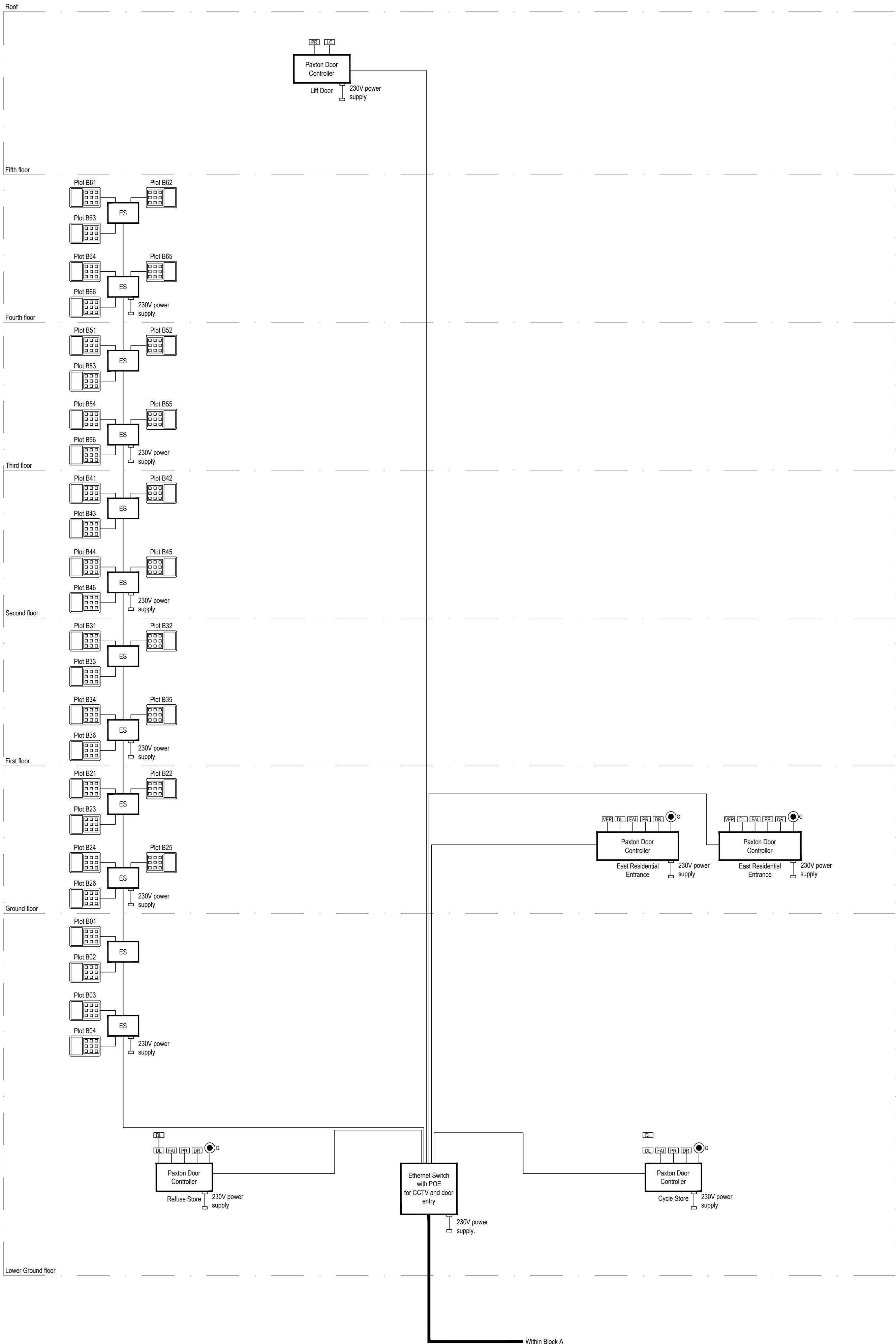
Client: ARDMORE Rev: AD

Dwg Number:	10687-E-03-A-0042(2)	AB
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DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 26.10.2022 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

Title:		ELECTRICAL SERVICES LAYOUT FLAT TYPE PM202
Plots:		
Project:		HORNSEY TOWN HALL
Client:	ARDMORE	Rev:
Dwg Number:	10687-E-03-M-PM202	AB



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NOTES

1. All electrical installations shall be in accordance with BS7671 (17th edition) and to BS8313 for cables in ducts.
2. Door entry system architecture shown is for Comelit vip system only.
3. This drawing shows design intent only and shall be developed into a working design by a specialist installer.

LEGEND

- ES Comelit power over ethernet switch module
- PRX Proximity fob reader
- DR1 Push button for door release
- VEP Audio/visual door entry panel
- LFC Lift Control
- G Green type A manual door release
- FA Fire alarm door release
- Category 6 cable
- Fibre cable
- Wireless controls

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

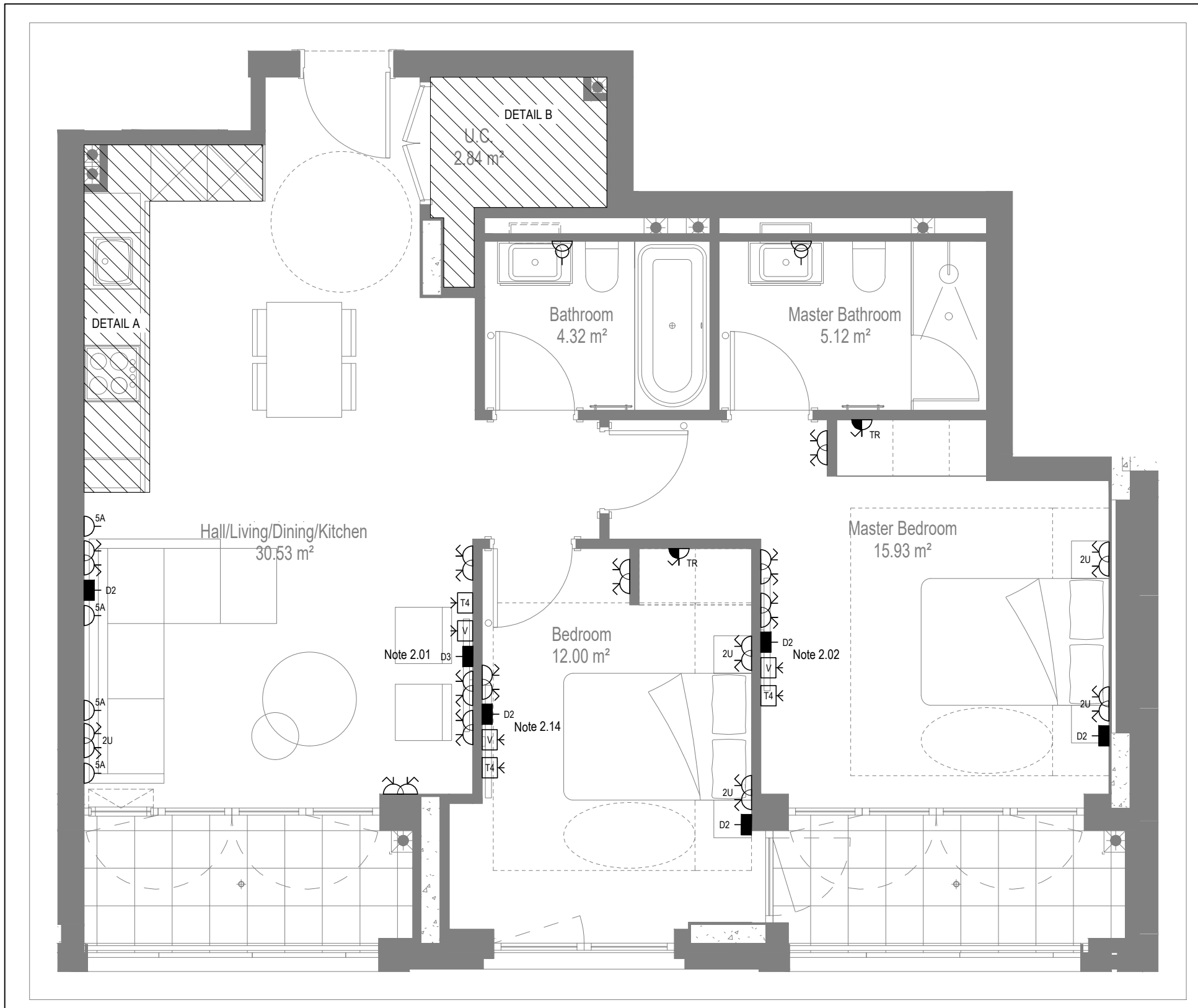
THIS DRAWING SHOWS DESIGN INTENT ONLY AND
SHALL BE DEVELOPED INTO A WORKING DESIGN
BY A SPECIALIST INSTALLER

AB	03.02.2023	AS BUILT	IV	JM
C2	28.10.2022	Comments added.	JH	JM
C1	01.06.2020	Construction Issue.	SW	JM
P1	08.11.2019	Preliminary Issue.	SW	JM
Rev	Date	Description	Drawn	Chkd
Current purpose:	AS BUILT	Scale: NTS	Size: A1	
Original Issue Date:	08.11.2019	Drawn: SW	Chkd: JM	

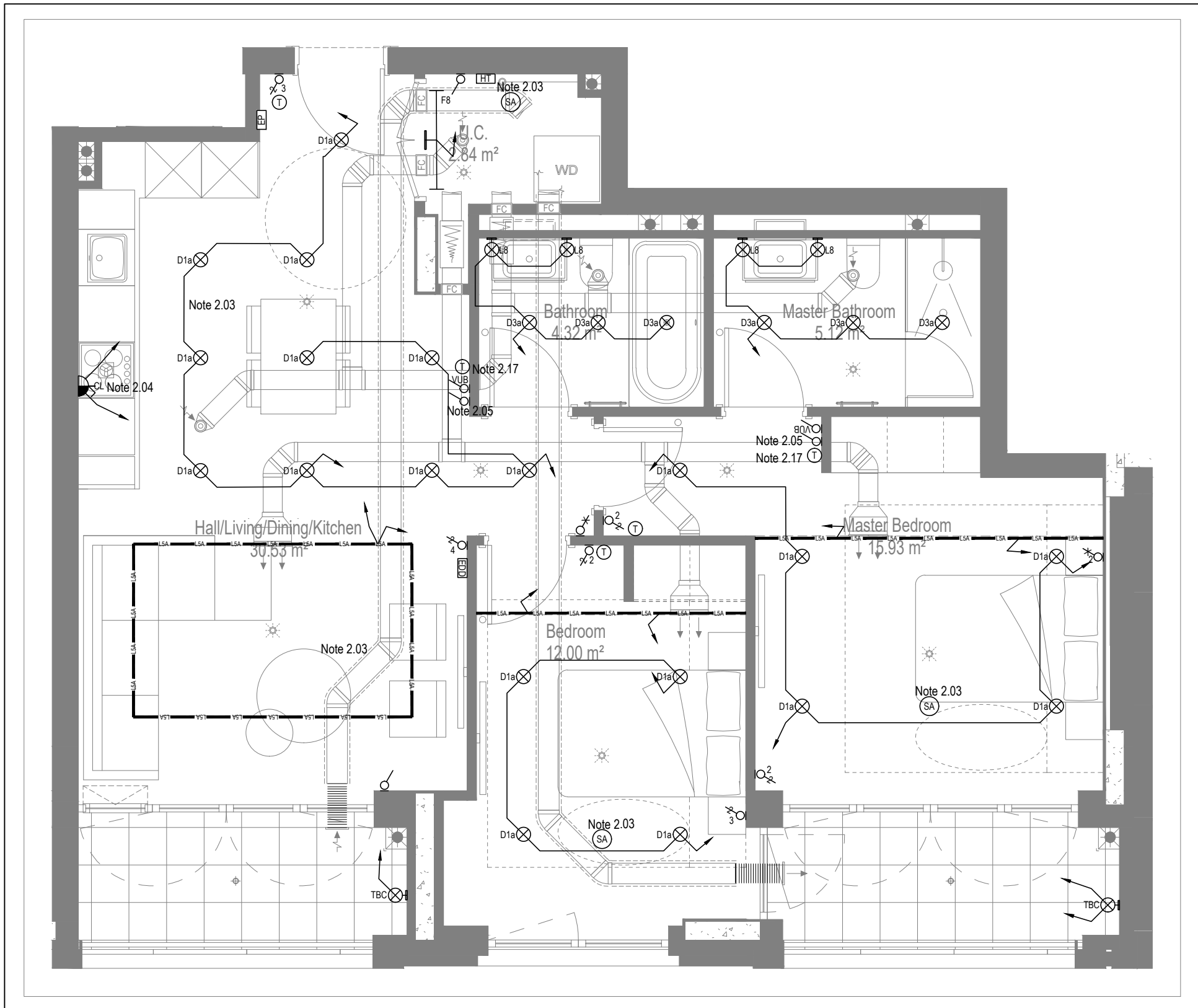
	BUILDING SERVICES DESIGN CONSULTANTS 26-27 The Hill, Northfleet, Gravesend Kent, DA11 9EU www.whitecode.co.uk T: 01322 289977 E: design@whitecode.co.uk
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Title:	DOOR ENTRY SYSTEM SCHEMATIC BLOCK B
Project:	HORNSEY TOWN HALL

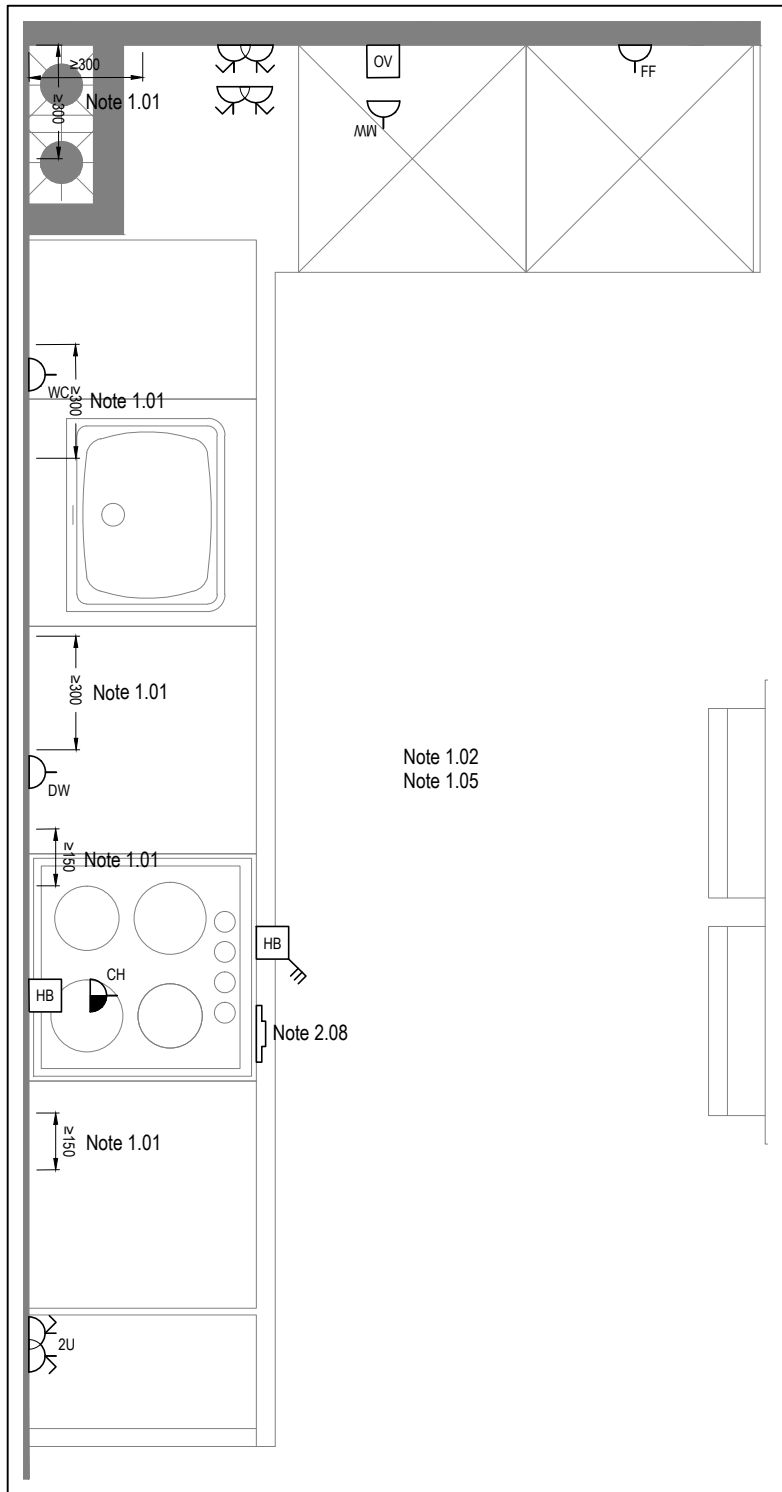
Client:	ARDMORE	Rev:	AB
Dwg Number:	10687-E-04-B-0005		



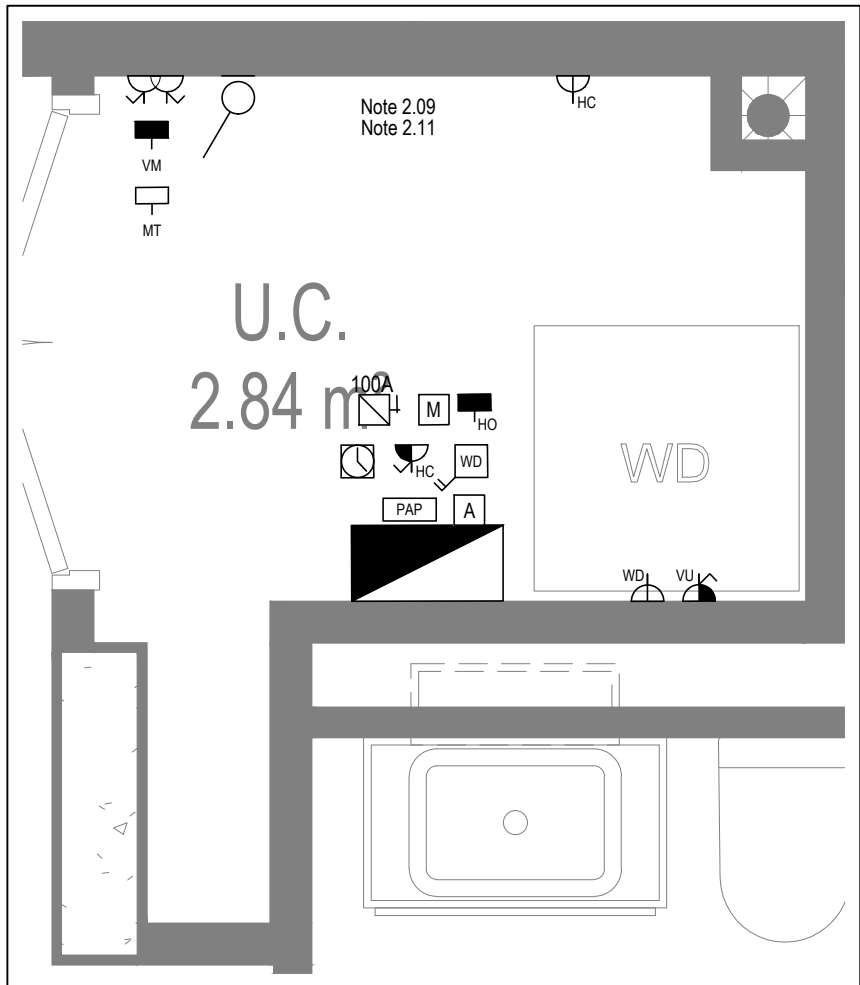
LOW LEVEL SERVICES LAYOUT



MID/HIGH LEVEL SERVICES LAYOUT



DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20



DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

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NOTES

General Electrical Notes

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- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed off-set in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shaver sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closest to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

2.04 Under-cupboard lighting to be wired to kitchen lighting circuit. Locations of spurs to be coordinated with kitchen specialist.

2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

2.07 All switches to be mounted on single faceplate with label warning of multiple circuits.

2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing

2.12 All towel rails shall have separate timers and controls located in the MCP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point:

- No. Double switched socket outlet.
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

BACKGROUND PLAN AS PER: KDS ARCHITECTS

DRAWING NO: 3596-KDS-BA-XX-DR-A-06-1125

REVISION: C2

DATE RECEIVED: 04.01.2021

AB 17.11.2022 AS BUILT

Previous revisions removed for clarity - Refer to previous drawings for issue history

Rev Date Description Scale: 1:50 Size: A1

Current purpose: AS BUILT

Original Issue Date: 23.02.2020

Drawn: MJ

Chkd: JM

W

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Title: ELECTRICAL SERVICES LAYOUT

Plots: AN47

Project: HORNSEY TOWN HALL

Client: ARDMORE

Dwg Number: 10687-E-03-A-0043

Rev: AB

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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Room Thermostat location is indicative only. Final position to be determined on site subject to building and apartment orientation. The room Thermostat must be positioned away from heat emitters and away from direct sunlight.

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1.02 The kitchen layout shown is indicative only. Please refer to specialist drawings for final layouts before any installation work commences on site.

1.03 All wiring accessories shown as being installed on party walls must be installed offset in the adjoining property such that they are not back-to-back on the party wall.

1.04 All electrical items within 2.25m of FFL must be installed at least 600mm from the edge of a bath or shower and at least 600mm radius from basin taps, or be rated to IPX4 protection (zone 1 & 2) or IPX7 (zone 0). Shower sockets compliant with BS EN61558-2 are an exception and can be installed within zone 2.

1.05 Grid switch & Hob isolator to be located in unit c/w boxing out for cabling below hob. Location TBC by building control prior to final sign off.

Tenure Specific Notes

2.01 Main television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 3No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.02 Master bedroom television point comprising the following:

- 2No. Double switched socket outlet
- Quad coaxial outlet
- 2No. RJ45 Outlet Data Point
- Virgin TV Outlet

2.03 Smoke and heat alarms shall be mains fed with trickle charged battery backup. All alarms within the dwelling shall be interconnected to provide a common alarm upon detection at any one unit. All smoke and heat alarms must be positioned at least 300mm from any wall or other obstruction. Detector closed to apartment entrance shall be fitted c/w relay base for connection to landlord's fire alarm system.

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2.05 2 gang switch for bathroom light and extract ventilation boost, with label inside the mounting box warning of multiple circuits.

2.06 Provision for pendant lighting. Final specification of luminaire by others

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2.08 8 gang grid switch fitted with 20A double pole switches, each switch engraved with the name of the appliance served:-

- Cooker hood
- Dishwasher
- Fridge/freezer
- Oven
- Wine Cooler
- Microwave (Combi microwave where applicable)
- VUB

2.09 All consumer units to be fitted with surge supplement modules.

2.10 Refer to kitchen layouts for positions of electrical appliances before any installation work commences.

2.11 For locations and setting out details of services, refer to typical cupboard drawing.

2.12 All towel rails shall have separate timers and controls located in the MEP cupboard

2.13 Architect to confirm the position of the towel rail.

2.14 Secondary bedroom TV Point:

- 1No. Double switched socket outlet.
- Quad coaxial outlet
- 2No. RJ45 outlet data point
- Virgin TV outlet

2.15 Pre-wire for future luminaire within Besa box including blank plate, switched as indicated.

2.16 Switched fused connection unit located in ceiling void to serve fan coil unit. Switched fused connection unit must be positioned within 300mm of the access panel.

2.17 Thermostat linked to air sensor within bathroom. Final location of air sensor TBC by underfloor heating contractor.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING CONFIRMATION FROM ARDMORE ON 26.10.2022 THAT THERE WERE NO CHANGES ON SITE AGAINST THE CONSTRUCTION ISSUE DRAWING.

BACKGROUND PLAN AS PER: KDS			
DRAWING No:	REVISION:	DATE RECEIVED:	
3595-KDS-MW-XX-DR-A-06-3009	C2	31.10.2022	

AB	18.11.2022	As Built	IV	JM
C3	11.11.2021	Updated secondary bedroom TV points	2M	JM
C2	18.05.2021	Wardrobe lighting removed. Samps sockets added. Thermostats updated.	IV	JM
C1	15.03.2021	Construction Issue	IV	JM
P1	07.09.2020	Preliminary Issue	IV	JM
Rev	Date	Description	Dwn	Chkd
Current purpose:		AS BUILT	Scale: 1:50	Size: A1
Original Issue Date:		07.09.2020	Dwn: IV	Chkd: JM



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Title:

ELECTRICAL SERVICES LAYOUT
FLAT TYPE PM203

Plots:

Project:

HORNSEY TOWN HALL

Client:

ARDMORE

Rev:

AB

Dwg Number:

10687-E-03-M-PM203

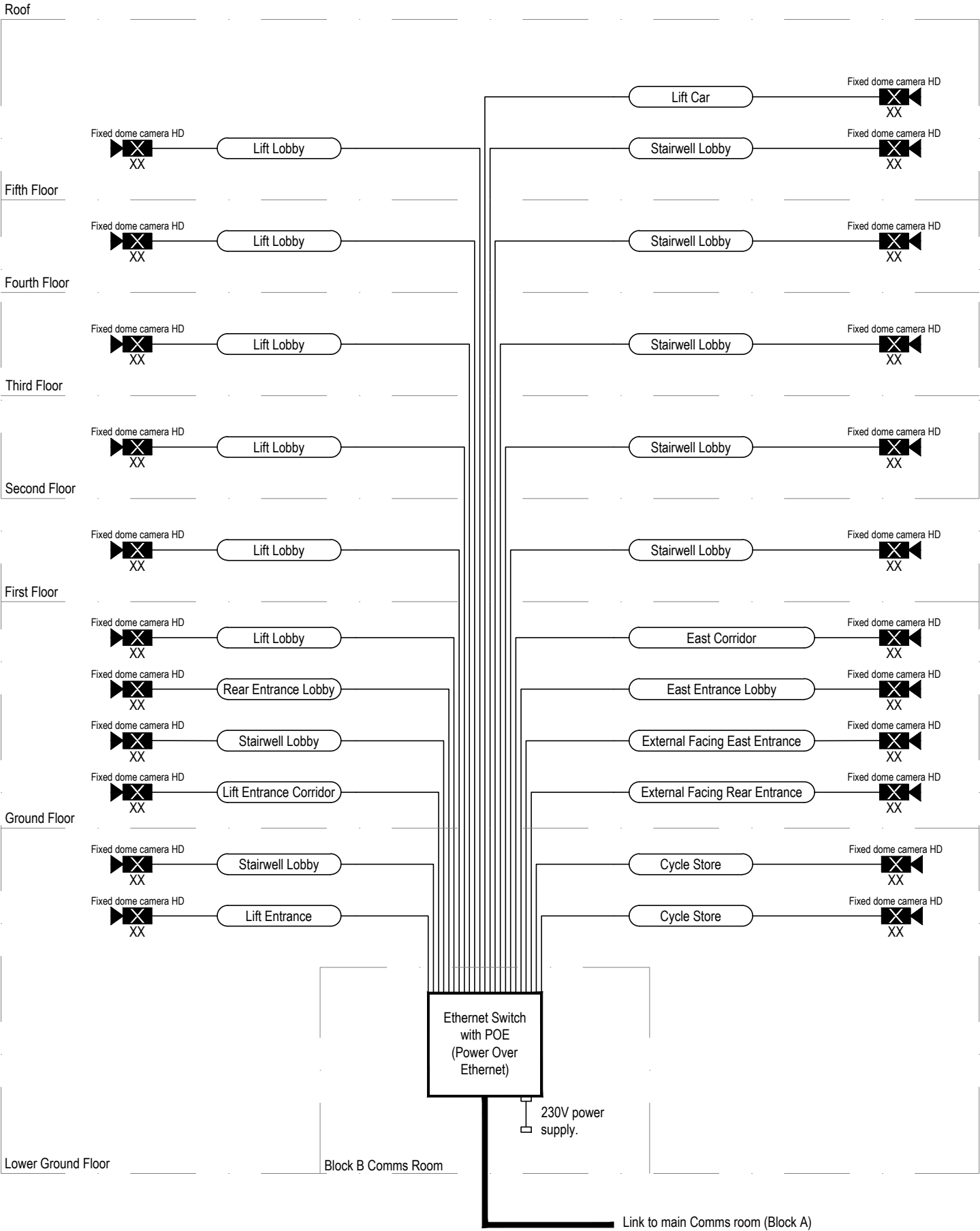
LOW LEVEL SERVICES LAYOUT

MID/HIGH LEVEL SERVICES LAYOUT

DETAIL A - KITCHEN DETAIL LAYOUT
SCALE 1:20

DETAIL B - CUPBOARD DETAIL LAYOUT
SCALE 1:20

Save: p:\10687_hornsey town hall\02_sds design\h01_drawings\3_electrical apartment layouts\new\as built\10687-a-03-m-pm203.dwg



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NOTES

General Electrical Installation Notes

- Before commencing any work on site refer to the risk management drawings and/or registers.
- All electrical installations shall be carried out in accordance with BS 7671 and to BS8313 for cables in ducts.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system, as per section 527.02 of BS 7671 and Approved Document B.

Tenure Specific Notes

- 4.1 All cameras shall be suitably IP rated for external use.
- 4.2 All cameras and equipment to be Samsung, Panasonic or HIKvision full HD 6 mega pixel or approved equivalent.
- 4.3 Minimum recording rate 6 frames per second generally, 12 frames per second in car park.
- 4.4 Cameras to have a resolution suitable for positive identification of individuals from recordings.

Legend

- CAT6 Cable
- Fibre Cable
- XX CCTV Camera

NO CAT 6 RUNS SHALL EXCEED 90M WITHOUT A BOOSTER

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT THERE WERE NO CHANGES ON SITE AGAINST THE CONSTRUCTION ISSUE DRAWING

AB	03.02.2023	As Built	IV	JM
C2	28.10.2022	Updated to comments	JH	JM
C1	01.06.2020	Construction Issue.	SW	JM
P1	08.11.2019	Preliminary Issue.	SW	JM
Rev	Date	Description	Drwn	Chkd
Current purpose:		AS BUILT	Scale: NTS	Size: A3
Original Issue Date:		08.11.2019	Drwn: SW	Chkd: JM

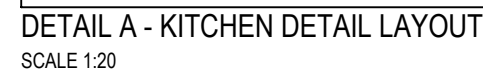


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Title: CCTV SCHEMATIC BLOCK B

Project: HORNSEY TOWN HALL

Client: ARDMORE	Rev: AB
Dwg Number: 10687-E-04-B-0006	

[illegible]

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

Original Issue Date: 06.11.2019

Drawn: SW Chkd: JM



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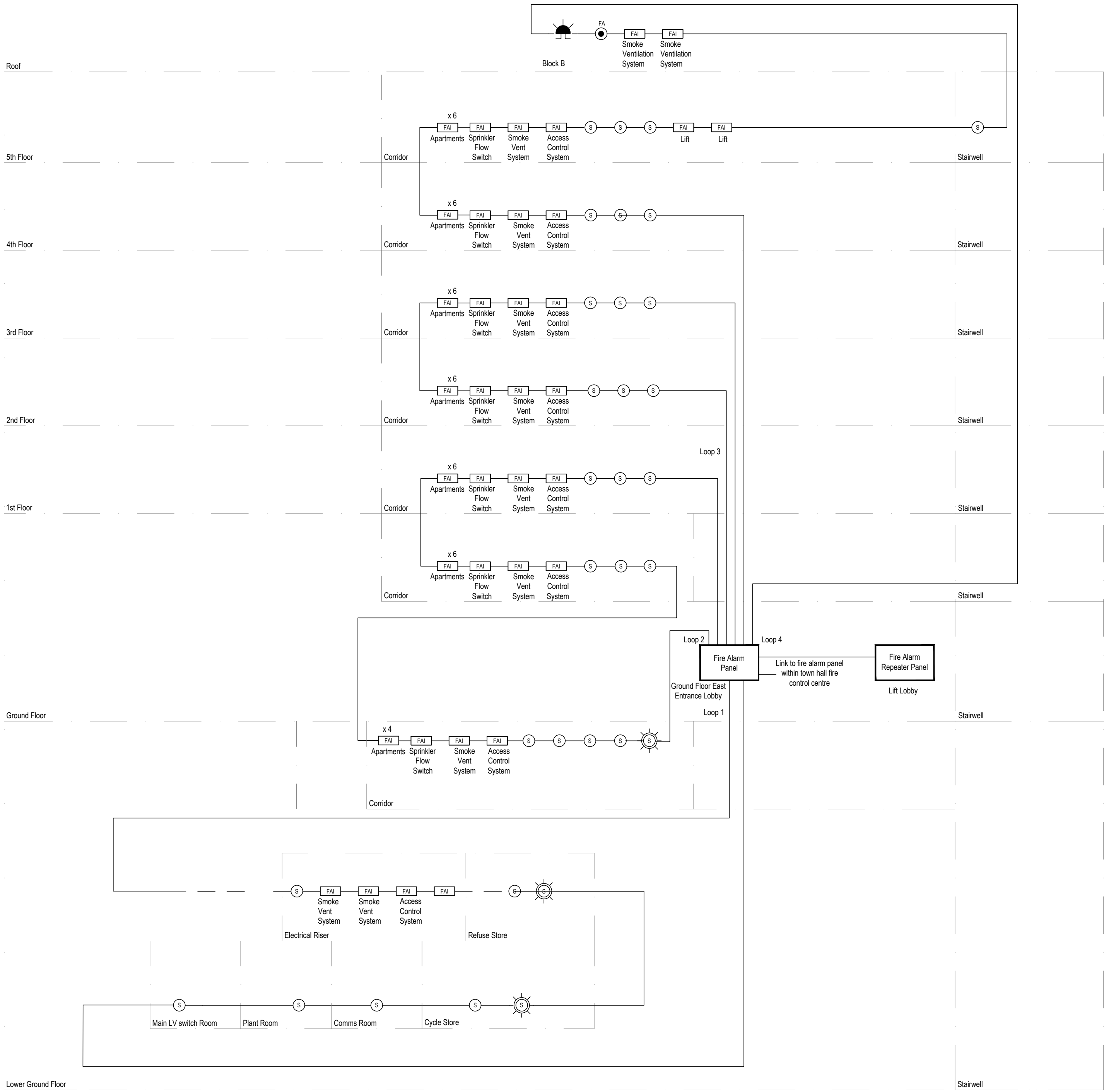
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Project:	HORNSEY TOWN HALL
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Client: ARDMORE

Rgr: AD

AB



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NOTES
General Electrical Notes
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- All discrepancies are to be queried with WDA before works commence.

- The schematic is an indicative proposal for tender purposes and the final design forms a part of the contractor design proportion.
 - All quantities are for indication purposes and drawings should be read in conjunction with all other contract documentation to fully understand the requirement of the system.
 - Contractor to allow for loop isolators to each area and floor.
- Interface to be utilised with smoke control system. To be hard wired back to main smoke control panel at roof level.
 - Interface for passenger lift, lift to ground in fire conditions.
 - See smoke control schematic for detail.
 - Sounder for local alert only and indications at concierge.
 - FAI to release doors.
 - Interface to car park smoke extract panel.
 - FAI to sprinkler system valves & flow switches fire & fault/isolation inputs plus pump run (fire) & fault.
 - FAI for sprinkler flow switch 1 No. per apartment
 - FAI for temporary boiler room control panel
 - FAI for ventilation unit

- LEGEND**
- FAI Fire alarm interface
 - SEP Smoke control panel
 - SFS Sprinkler flow switch
 - S Smoke detector
 - H Heat detector
 - Unswitched fused connection unit
 - Fire alarm sounder-beacon
 - FA Fire alarm manual call point
 - Flashing beacon
 - RI Remote indicator

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

AB	10.02.2023	AS Built	IV	JM
C2	10.02.2023	Construction Issue	IV	JM
C1	06.07.2020	Construction issue	IV	JM
P1	01.06.2020	Preliminary Issue	SNW	JM
Rev	Date	Description	Dwn	Chkd
Current purpose:		AS BUILT	Scale: NTS	Size: A1
Original Issue Date:		01.06.2020	Dwn: SNW	Chkd: JM



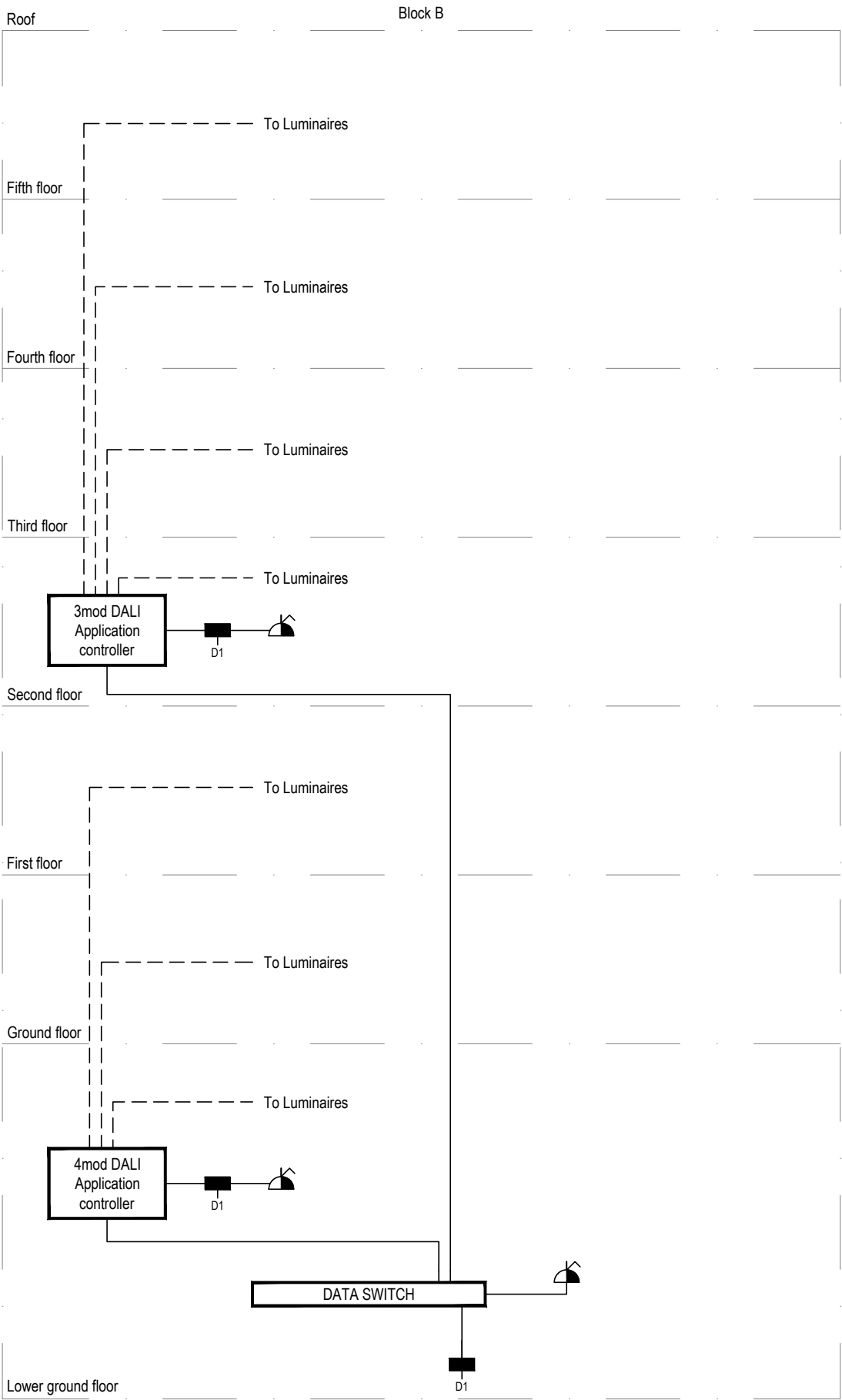
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Title: FIRE ALARM SCHEMATIC BLOCK B

Project: HORNSEY TOWN HALL

Client: ARDMORE	Rev:
Dwg Number: 10687-E-04-B-0012	AB



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General Electrical Installation Notes

- 1.1 Before commencing any work on site refer to the risk management drawings and/or registers.
- 1.2 All electrical installations shall be carried out in accordance with BS 7671:2008 (2015).
- 1.3 Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system, as per section 527.2 of BS7671 and Approved Document B.
- 1.4 This drawing shall be read in conjunction with all relevant specifications and contract documents. Any discrepancies found must be reported to WDA for clarification.

Legend

-  RJ45 Data outlet
-  Switched fused connection unit

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT THERE WERE NO CHANGES ON SITE AGAINST THE CONSTRUCTION ISSUE DRAWING

AB	03.02.2023	As Built	IV	JM
C1	10.02.2022	Construction Issue	IV	JM
Rev	Date	Description	Drwn	Chkd
Current purpose:	AS BUILT	Scale: NTS	Size: A3	
Original Issue Date:	10.02.2022	Drwn: IV	Chkd: JM	



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Title: LIGHTING CONTROL SCHEMATIC BLOCK B

Project: HORNSEY TOWN HALL

Client: ARDMORE

Dwg Number: 10687-E-04-B-0013

Rev: AB

DISTRIBUTION BOARD SCHEDULE DB-LL-B-01 125A 8 WAY TP&N MCB BOARD)									
WAY	PHASE	CIRCUIT DESCRIPTION	PROTECTIVE DEVICE			CABLE			SEPARATE CPC mm²
			RATING	TYPE	RCD mA	SIZE mm²	CORES	TYPE	
1	L1	LOWER GROUND BACK OF HOUSE CORRIDOR LIGHTING	10A	C	N/A	1.5	3 x 1 x 1C	6941B	1.5
1	L2	LOWER GROUND CYCLE STORE LIGHTING	10A	C	N/A	1.5	3 x 1 x 1C	6941B	1.5
1	L3	LOWER GROUND REFUSE STORE LIGHTING	10A	C	N/A	1.5	3 x 1 x 1C	6941B	1.5
2	L1	LOWER GROUND LV SWITCH ROOM LIGHTING	10A	C	N/A	1.5	3 x 1 x 1C	6941B	1.5
2	L2	LOWER GROUND PLANT ROOM LIGHTING	10A	C	N/A	1.5	3 x 1 x 1C	6941B	1.5
2	L3	SPARE	-	-	-	-	-	-	-
3	L1	LOWER GROUND-FIRST FLOOR STAIRWELL LIGHTING	10A	C	N/A	1.5	1 x 1 x 2C + E	6242B	-
3	L2	LOWER GROUND FLOOR LOBBY LIGHTING	10A	C	N/A	1.5	1 x 1 x 2C + E	6242B	-
3	L3	GROUND FLOOR LOBBY LIGHTING	10A	C	N/A	1.5	1 x 1 x 2C + E	6242B	-
4	L1	FIRST FLOOR LOBBY LIGHTING	10A	C	N/A	1.5	1 x 1 x 2C + E	6242B	-
4	L2	GROUND FLOOR ENTRANCE LOBBY/CORRIDOR LIGHTING	10A	C	N/A	1.5	1 x 1 x 2C + E	6242B	-
4	L3	GROUND FLOOR CORRIDOR/CLEANER'S STORE LIGHTING	10A	C	N/A	1.5	1 x 1 x 2C + E	6242B	-
5	L1	LOWER GROUND BOH CORRIDOR CLEANER'S SOCKETS	20A	B	30mA	4	3 x 1 x 1C	6941B	2.5
5	L2	LOWER GROUND CYCLE STORE CLEANER'S SOCKETS	20A	B	30mA	4	3 x 1 x 1C	6941B	2.5
5	L3	LOWER GROUND REFUSE STORE CLEANER'S SOCKETS	20A	B	30mA	4	3 x 1 x 1C	6941B	2.5
6	L1	LOWER GROUND LV SWITCH ROOM SOCKETS	20A	B	30mA	4	3 x 1 x 1C	6941B	2.5
6	L2	LOWER GROUND-FIRST CCTV SUPPLY	16A	B	N/A	2.5	1 x 1 x 2C + E	6242B	-
6	L3	LOWER GROUND-FIRST ACCESS CONTROL SUPPLY	16A	B	N/A	2.5	1 x 1 x 2C + E	6242B	-
7	L1	LOWER GROUND-FIRST TV/SATELLITE SUPPLY	16A	B	N/A	2.5	1 x 1 x 2C + E	6242B	-
7	L2	LOWER GROUND-FIRST AOV SUPPLY	16A	B	N/A	2.5	1 x 1 x 2C + E	6242B	-
7	L3	LOWER GROUND SMOKE ALARM INDICATION PANEL SUPPLY	16A	B	N/A	2.5	1 X 1 X 3C	FP PLUS	2.5
8	L1	SPARE	-	-	-	-	-	-	-
8	L2	LOWER GROUND FLOOR LOBBY CLEANER'S SOCKETS	20A	B	30mA	4	1 x 1 x 2C + E	6242B	-
8	L3	GROUND FLOOR LOBBY CLEANER'S SOCKETS	20A	B	30mA	4	1 x 1 x 2C + E	6242B	-
9	L1	FIRST FLOOR LOBBY CLEANER'S SOCKETS	20A	B	30mA	4	1 x 1 x 2C + E	6242B	-
9	L2	LOWER GROUND LV PLANT ROOM SOCKETS	20A	B	30mA	4	3 x 1 x 1C	6941B	2.5
9	L3	SPARE	-	-	-	-	-	-	-
10	L1	SPARE	-	-	-	-	-	-	-
10	L2	SPARE	-	-	-	-	-	-	-
10	L3	SPARE	-	-	-	-	-	-	-
11	L1	SPARE	-	-	-	-	-	-	-
11	L2	SPARE	-	-	-	-	-	-	-
11	L3	SPARE	-	-	-	-	-	-	-
12	L1	SPARE	-	-	-	-	-	-	-
12	L2	SPARE	-	-	-	-	-	-	-
12	L3	SPARE	-	-	-	-	-	-	-

DISTRIBUTION BOARD SCHEDULE DB-LL-B-02 125A 8 WAY TP&N MCB BOARD)									
WAY	PHASE	CIRCUIT DESCRIPTION	PROTECTIVE DEVICE			CABLE			SEPARATE CPC mm²
			RATING	TYPE	RCD mA	SIZE mm²	CORES	TYPE	
1	L1	SECOND-FIFTH FLOOR STAIRWELL LIGHTING	10A	C	N/A	1.5	1 x 1 x 2C + E	6242B	-
1	L2	SECOND FLOOR LOBBY LIGHTING	10A	C	N/A	1.5	1 x 1 x 2C + E	6242B	-
1	L3	THIRD FLOOR LOBBY LIGHTING	10A	C	N/A	1.5	1 x 1 x 2C + E	6242B	-
2	L1	FOURTH FLOOR LOBBY LIGHTING	10A	C	N/A	1.5	1 x 1 x 2C + E	6242B	-
2	L2	FIFTH FLOOR LOBBY LIGHTING	10A	C	N/A	1.5	1 x 1 x 2C + E	6242B	-
2	L3	SPARE	-	-	-	-	-	-	-
3	L1	SPARE	-	-	-	-	-	-	-
3	L2	SECOND-FIFTH CCTV SUPPLY	16A	B	N/A	2.5	1 x 1 x 2C + E	6242B	-
3	L3	SECOND-FIFTH ACCESS CONTROL SUPPLY	16A	B	N/A	2.5	1 x 1 x 2C + E	6242B	-
4	L1	SECOND-FIFTH TV/SATELLITE SUPPLY	16A	B	N/A	2.5	1 x 1 x 2C + E	6242B	-
4	L2	SECOND-FIFTH AOV SUPPLY	16A	B	N/A	2.5	1 x 1 x 2C + E	6242B	-
4	L3	SPARE	-	-	-	-	-	-	-
5	L1	SPARE	-	-	-	-	-	-	-
5	L2	SECOND FLOOR LOBBY CLEANER'S SOCKETS	20A	B	30mA	4	1 x 1 x 2C + E	6242B	-
5	L3	THIRD FLOOR LOBBY CLEANER'S SOCKETS	20A	B	30mA	4	1 x 1 x 2C + E	6242B	-
6	L1	FOURTH FLOOR LOBBY CLEANER'S SOCKETS	20A	B	30mA	4	1 x 1 x 2C + E	6242B	-
6	L2	FIFTH FLOOR LOBBY CLEANER'S SOCKETS	20A	B	30mA	4	1 x 1 x 2C + E	6242B	-
6	L3	SPARE	-	-	-	-	-	-	-
7	L1	SPARE	-	-	-	-	-	-	-
7	L2	SPARE	-	-	-	-	-	-	-
7	L3	SPARE	-	-	-	-	-	-	-
8	L1	TYPE 2 SURGE PROTECTION	80A	-	-	-	-	-	-
8	L2								
8	L3								

DISTRIBUTION BOARD SCHEDULE DB-LL-EXT-B 125A 12 WAY TP&N MCB BOARD)									
WAY	PHASE	CIRCUIT DESCRIPTION	PROTECTIVE DEVICE			CABLE			SEPARATE CPC mm²
			RATING	TYPE	RCD mA	SIZE mm²	CORES	TYPE	
1	L1	EXTERNAL LIGHTING CIRCUIT 1	10	C	N/A	2.5	1 x 1 x 3C	6943B	-
1	L2	EXTERNAL LIGHTING CIRCUIT 2	10	C	N/A	2.5	1 x 1 x 3C	6943B	-
1	L3	EXTERNAL LIGHTING CIRCUIT 3	10	C	N/A	2.5	1 x 1 x 3C	6943B	-
2	L1	EXTERNAL LIGHTING CIRCUIT 4	10	C	N/A	2.5	1 x 1 x 3C	6943B	-
2	L2	SPARE	-	-	-	-	-	-	-
2	L3	SPARE	-	-	-	-	-	-	-
3	L1	SPARE	-	-	-	-	-	-	-
3	L2	SPARE	-	-	-	-	-	-	-
3	L3	SPARE	-	-	-	-	-	-	-
4	L1	SPARE	-	-	-	-	-	-	-
4	L2	SPARE	-	-	-	-	-	-	-
4	L3	SPARE	-	-	-	-	-	-	-
5	L1	SPARE	-	-	-	-	-	-	-
5	L2	SPARE	-	-	-	-	-	-	-
5	L3	SPARE	-	-	-	-	-	-	-
6	L1	SPARE	-	-	-	-	-	-	-
6	L2	SPARE	-	-	-	-	-	-	-
6	L3	SPARE	-	-	-	-	-	-	-

DISTRIBUTION BOARD SCHEDULE DB-LL-EVC-A 250A 6 WAY TP&N MCB BOARD)									
WAY	PHASE	CIRCUIT DESCRIPTION	PROTECTIVE DEVICE			CABLE			SEPARATE CPC mm²
			RATING	TYPE	RCD mA	SIZE mm²	CORES	TYPE	
1	L1	ELECTRIC VEHICLE CHARGER 1	32	C	N/A	10	1 x 1 x 3C	6942B	6
1	L2	ELECTRIC VEHICLE CHARGER 2	32	C	N/A	10	1 x 1 x 3C	6942B	6
1	L3	SPARE	-	-	-	-	-	-	-
2	L1	SPARE	-	-	-	-	-	-	-
2	L2	SPARE	-	-	-	-	-	-	-
2	L3	SPARE	-	-	-	-	-	-	-
3	L1	SPARE	-	-	-	-	-	-	-
3	L2	SPARE	-	-	-	-	-	-	-
3	L3	SPARE	-	-	-	-	-	-	-
4	L1	SPARE	-	-	-	-	-	-	-
4	L2	SPARE	-	-	-	-	-	-	-
4	L3	SPARE	-	-	-	-	-	-	-
5	L1	SPARE	-	-	-	-	-	-	-
5	L2	SPARE	-	-	-	-	-	-	-
5	L3	SPARE	-	-	-	-	-	-	-
6	L1	SPARE	-	-	-	-	-	-	-
6	L2	SPARE	-	-	-	-	-	-	-
6	L3	SPARE	-	-	-	-	-	-	-

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
 CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT
 THERE WERE NO CHANGES ON SITE AGAINST THE
 CONSTRUCTION ISSUE DRAWING

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- 1. General Notes:**
 1.1. All electrical installations shall conform to BS7671 (17th edition)
 1.2. Before commencing work on site please read risk management drawings.
 1.3. Sealing of wiring system penetrations: Where electrical boxes, conduits, pattresses or trunking penetrate floors, walls, roofs, ceilings or partitions they must be sealed with an intumescent fire gasket in order to arrest the spread of fire through the electrical system. As per section 527.2 of BS 7671 and section 10 of the Building Regulations Approved Document Volume 2.

AB	10.02.2023	AS Built		IV	JM
C2	15.08.2022	Comments added		IV	JM
C1	12.06.2020	CONSTRUCTION ISSUE		SNW	JM
P1	22.05.2020	PRELIMINARY ISSUE		SNW	JM
Rev	Date	Description		Dwn	Chkd
Current purpose:		AS BUILT	Scale: NTS	Size: A1	
Original Issue Date:		22.05.2020	Dwn: SNW	Chkd: JM	



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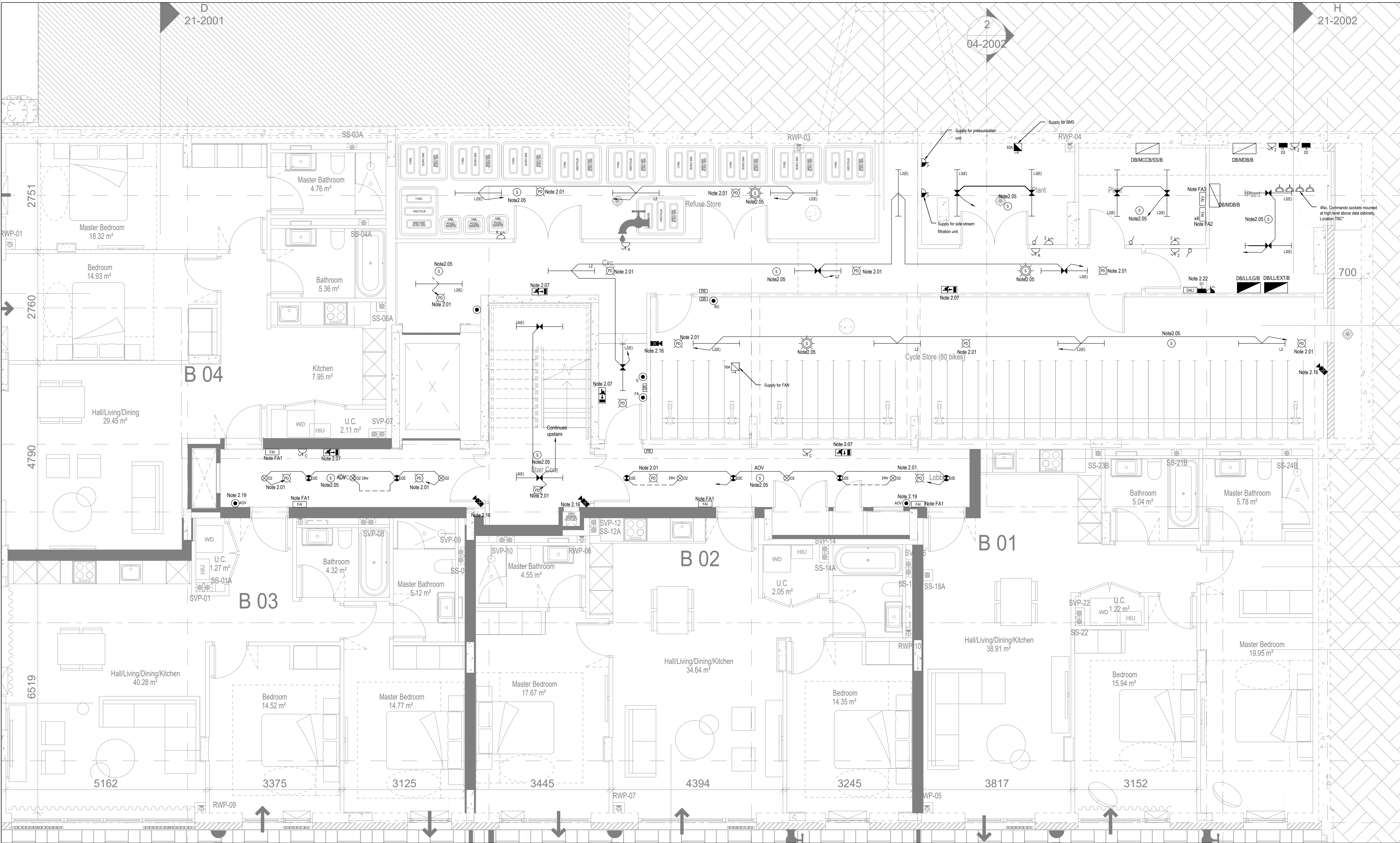
Title:
 BLOCK B DISTRIBUTION
 BOARD SCHEDULES

Project:
 HORNSEY TOWN HALL

Client:
 ARDMORE

Dwg Number:
 10687-E-05-0300(3)

Rev:
 AB



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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- All discrepancies are to be queried with WDA before works commence.
- Electrical contractor to allow for supply and install of power assisted doors.

Electrical Installation Notes

- All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.
- Common Area Notes**
- Lights within this area that are not controlled by the movement detectors shall be permanently on. Movement detectors shall have a minimum time delay of 15mins before lights switch off.
- External lighting to be controlled by photocell and timedock. Photocells shall be located above street lighting level. Most beneficial positions to be determined on site.
- Adjustable down light (positioning to be assessed depending on panel location) controlled by key switch to provide 200 lux at lift control panel. Switch shall be marked 'Lift Landing Lighting'.
- Key switch for testing of emergency lighting (No required per circuit).
- All equipment required for the smoke control and environmental systems shall be supplied and installed by a specialist as per their designs, including all smoke/hot detectors, breakglasses, actuators, and keyswitches. Electrical contractor to provide power supplies to specialist's panels. Bin stores shall be independent of the main fire alarm system to provide local detection and sounder.
- Switched fused connection units shall be provided in risers for IRS equipment, AOV, CCTV, door entry and access control equipment. Specialist contractor shall confirm requirements.
- Provisional Emergency exit signs. Final location and quantity to be confirmed by fire strategy/architect.
- Lift 3-phase supply to be terminated in a lockable rotary 4-pole isolator made by Gewiss, ref. GW 70438. All items are to have a 2m length of spare cable to enable the final position to be determined by the lift installer.
- Fire alarm interface shall ground passenger lift in the event of a fire.
- Refer to electrical riser elevation drawings for positioning of equipment within the electrical riser.
- N/A
- Smoke detection for the control of AOV system, specialist to provide final requirements prior to installation.
- Fire interface to form part of the local fire system. Fire specialist to confirm final requirements.
- Door access controls to be confirmed against specification.
- Provisional CCTV camera. Final location and quantity to be confirmed by client/architect.
- Gate control panel to be operated by remote FOB to specialist design.
- Door entry requirements to be confirmed upon receipt of ingress access strategies.
- Head of stair AOV break glass override switch.
- Lobby AOV break glass override switch.
- Final location of equipment and plant shall be coordinated with the mechanical contractor prior to procurement and installation.
- Video entry panel to be mounted on pedestal. Specification and location TBC by architect.
- Switched fused connection unit and data outlet for DALI lighting controller.

FA1 Fire alarm interface for connection to relay base within adjacent apartment for connection to landlords fire alarm system.
FA2 Fire alarm interface for sprinkler flow switch.
FA3 Fire alarm interface for smoke ventilation system
FA4 Fire alarm interface for connection to BMS and shall provide signal to shutdown all energy centre plant in the event of a fire and shall also be resettable from the fire alarm centre within the fire control centre.
FA5 Gate to open in the event of a fire.
FA6 Fire alarm interface for lift

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT THERE WERE NO CHANGES ON SITE AGAINST THE CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING No.	REVISION	DATE RECEIVED	
3596-KDS-BB-B1-DR-A-03-2000	C8	18.01.2023	

AB	03.02.2023	AS Built	IV	JM
C4	21.10.2022	Supply for fan added.	IV <td>JM</td>	JM
C3	10.02.2022	Lighting updated to preliminary design. Fire escape signage updated to fire strategy drawings.	IV <td>JM</td>	JM
C2	12.01.2022	DALI lighting controllers added.	IV <td>JM</td>	JM
C1	14.07.2021	Construction Issue	IV <td>JM</td>	JM
Rev	Date	Description	Dwn	Chkd

Current purpose:	AS BUILT	Scale: 1:50	Size: A1
Original Issue Date:	23.01.2020	Dwn: DWR	Chkd: JM

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Title:

**ELECTRICAL SERVICES LAYOUT
BLOCK B
LOWER GROUND FLOOR**

Project:

HORNSEY TOWN HALL

Client:

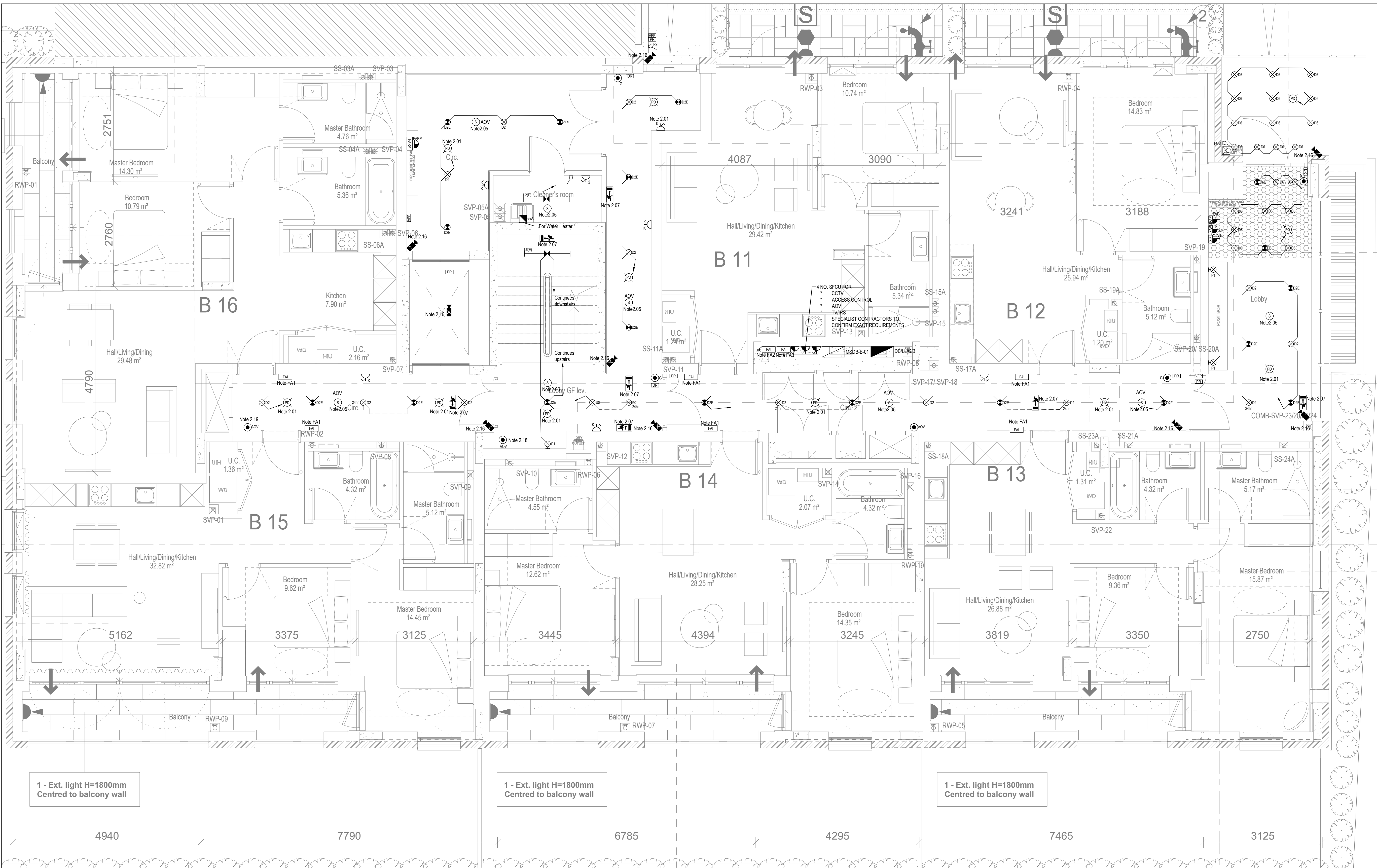
ARDMORE

Dwg Number:

10687-E-02-B-0099

Rev:

AB



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- Dimensioned setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Electrical contractor to allow for supply and install of power assisted doors.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hots and 300mm from sink basin to comply with BS7671.

2. Common Area Notes

2.01 Lights within this area that are not controlled by the movement detectors shall be permanently on. Movement detectors shall have a minimum time delay of 15mins before lights switch off.

2.02 External lighting to be controlled by photocell and timedock. Photocells shall be located above street lighting level. Most beneficial positions to be determined on site.

2.03 Adjustable down light (positioning to be assessed depending on panel location) controlled by key switch to provide 200 lux at lift control panel. Switch shall be marked 'Lift Landing Lighting'.

2.04 Key switch for testing of emergency lighting (No required per circuit).

2.05 All equipment required for the smoke control and environmental systems shall be supplied and installed by a specialist as per their designs, including all smoke/heated detectors, breakglasses, actuators, and keyswitches. Electrical contractor to provide power supplies to specialist's panels. Bin stores shall be independent of the main fire alarm system to provide local detection and sounder.

2.06 Switched fused connection units shall be provided in risers for IRS equipment, AOV, CCTV, door entry and access control equipment. Specialist contractor shall confirm requirements.

2.07 Provisional Emergency exit signs. Final location and quantity to be confirmed by fire strategy/architect.

2.08 Lift 3-phase supply to be terminated in a lockable rotary 4-pole isolator made by Gewiss, ref. GW 70438. All items are to have a 2m length of spare cable to enable the final position to be determined by the lift installer.

2.09 Fire alarm interface shall ground passenger lift in the event of a fire.

2.10 Refer to electrical riser elevation drawings for positioning of equipment within the electrical riser.

2.11 N/A

2.12 Smoke detection for the control of AOV system, specialist to provide final requirements prior to installation.

2.13 Fire interface to form part of the local fire system. Fire specialist to confirm final requirements.

2.14 Door access controls to be confirmed against specification.

2.15 Provisional CCTV camera. Final location and quantity to be confirmed by client/architect.

2.16 Gate control panel to be operated by remote FOB to specialist design.

2.17 Door entry requirements to be confirmed upon receipt of Ingress access strategies.

2.18 Head of stair AOV break glass override switch.

2.19 Lobby AOV break glass override switch.

2.20 Final location of equipment and plant shall be coordinated with the mechanical contractor prior to procurement and installation.

2.21 Video entry panel to be mounted on pedestal. Specification and location TBC by architect.

2.22 Switched fused connection unit and data outlet for DALI lighting controller.

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FA3 Fire alarm interface for smoke ventilation system.

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FA5 Gate to open in the event of a fire.

FA6 Fire alarm interface for lift

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BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING No.	REVISION	DATE RECEIVED	
3596-KDS-BB-GF-DR-A-03-2001	C10	18.01.2023	

AB	03.02.2023	AS BUILT	IV	JM
C4	07.12.2022	Updated to RCP	IV <td>JM</td>	JM
C3	21.10.2022	Updated to global fire drawings	IV <td>JM</td>	JM
C2	10.02.2022	Lighting updated to preliminary design. Fire escape signage updated to fire strategy drawings	IV <td>JM</td>	JM
C1	14.07.2021	Construction Issue	IV <td>JM</td>	JM
P1	23.01.2020	Preliminary Issue	DVR	JM
Rev	Date	Description	Drawn	Chkd
		AS BUILT	Scale: 1:50	Size: A1
		Original Issue Date: 23.01.2020	Dwn: DVR	Chkd: JM

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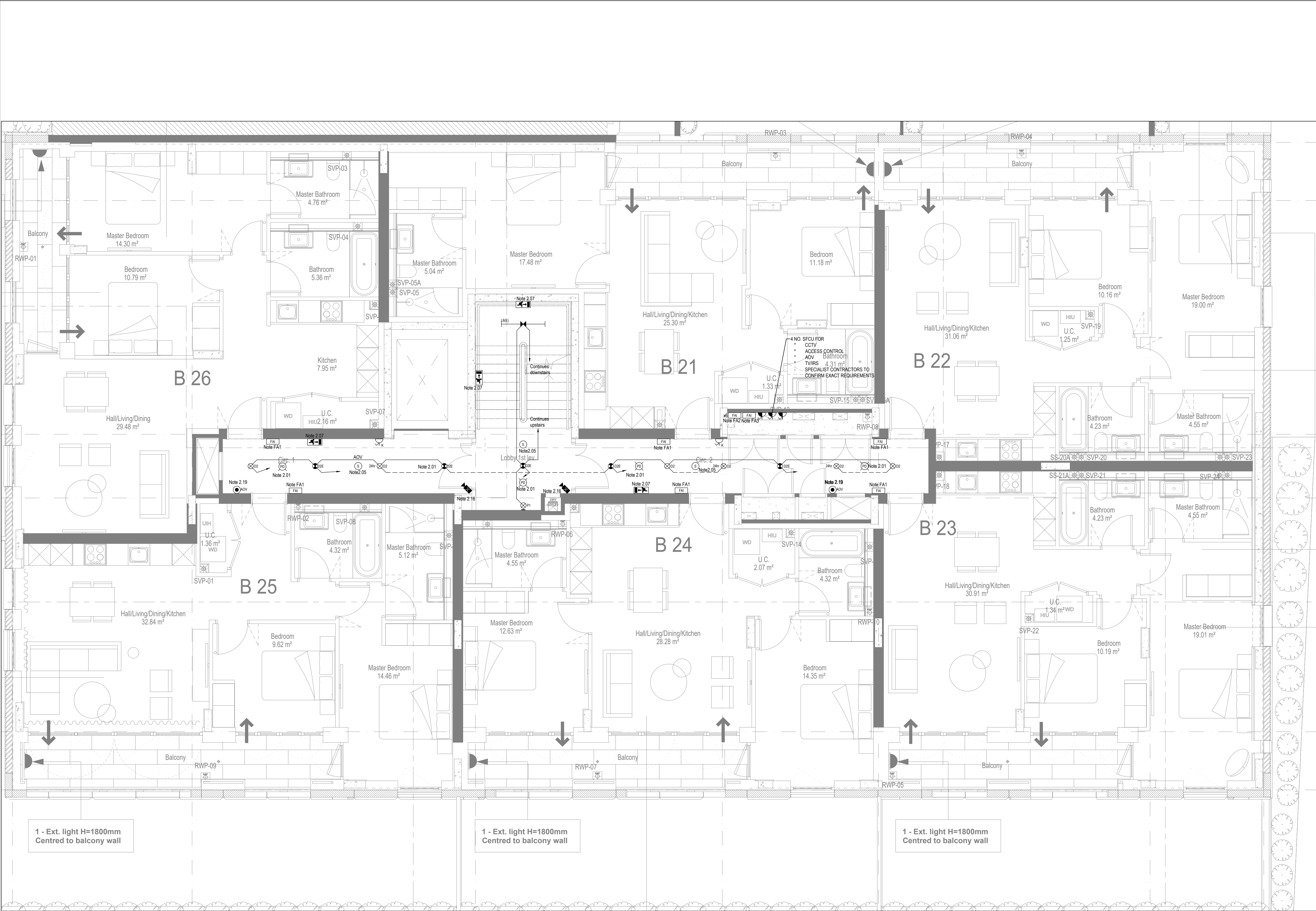
Title: ELECTRICAL SERVICES LAYOUT
BLOCK B
GROUND FLOOR

Project: HORNSEY TOWN HALL

Client: ARDMORE

Dwg Number: 10687-E-02-B-0100

Rev: AB



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2.11 N/A

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FA6 Fire alarm interface for lift.

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BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING No.	REVISION	DATE RECEIVED	
3596-KDS-BB-GF-DR-A-03-2002	C7	18.01.2023	

Rev	Date	Description	Scale	Size	Drawn	Chkd
AB	03.02.2023	AS BUILT	1:50	A1	IV	JM
C2	10.02.2022	Updated to global fire drawings.			IV	JM
C2	10.02.2022	Lighting updated to preliminary design. Fire escape signage updated to fire strategy drawings.			IV	JM
C1	14.07.2021	Construction Issue			IV	JM
C1	23.01.2020	Preliminary Issue			DVR	JM

Current purpose: AS BUILT Scale: 1:50 Size: A1
Original Issue Date: 23.01.2020 Drawn: DVR Chkd: JM

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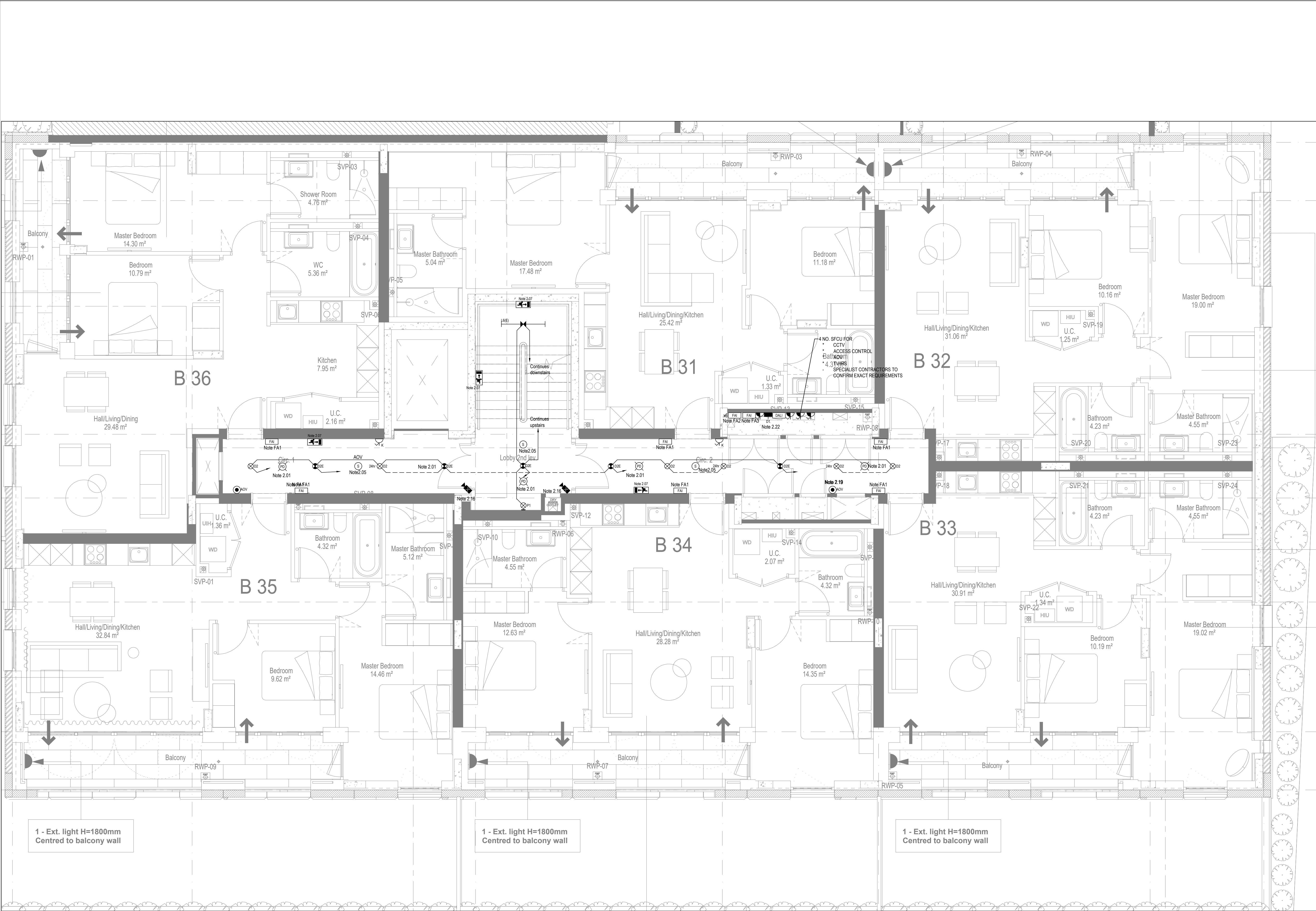
Title: ELECTRICAL SERVICES LAYOUT
BLOCK B
FIRST FLOOR

Project: HORNSEY TOWN HALL

Client: ARDMORE

Dwg Number: 10687-E-02-B-0101

Rev: AB



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NOTES

General Electrical Notes

- Mechanical services shown for coordination purposes only. Refer to mechanical drawings for mechanical services information.
- Before commencing work on site, please read Design Risk Management Information.
- All manufacturer's instructions to be reviewed prior to installation.
- All electrical installations shall be carried out in accordance with BS 7671.
- This drawing is to be read in conjunction with the electrical symbols legend & typical mounting heights drawings.
- Where electrical boxes, conduits, trunking, pattresses or luminaires penetrate floors, walls, roofs, ceilings or other partitions, they must be suitably fire-stopped in order to arrest the spread of fire through the electrical system; as per section 527.2 of BS 7671 and Approved Document B.
- Dimensional setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Electrical contractor to allow for supply and install of power assisted doors.

Electrical Installation Notes

- All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.
- Common Area Notes**
- Lights within this area that are not controlled by the movement detectors shall be permanently on. Movement detectors shall have a minimum time delay of 15mins before lights switch off.
- External lighting to be controlled by photocell and timedock. Photocells shall be located above street lighting level. Most beneficial positions to be determined on site.
- Adjustable down light (positioning to be assessed depending on panel location) controlled by key switch to provide 200 lux at lift control panel. Switch shall be marked 'Lift Landing Lighting'.
- Key switch for testing of emergency lighting. No required per circuit.
- All equipment required for the smoke control and environmental systems shall be supplied and installed by a specialist as per their designs, including all smoke/heat detectors, breakglasses, actuators, and keyswitches. Electrical contractor to provide power supplies to specialist's panels. Bin stores shall be independent of the main fire alarm system to provide local detection and sounder.
- Switched fused connection units shall be provided in risers for IRS equipment, AOV, CCTV, door entry and access control equipment. Specialist contractor shall confirm requirements.
- Provisional Emergency exit signs. Final location and quantity to be confirmed by fire strategy/architect.
- Lift 3-phase supply to be terminated in a lockable rotary 4-pole isolator made by Gewiss, ref. GW 70438. All items are to have a 2m length of spare cable to enable the final position to be determined by the lift installer.
- Fire alarm interface shall ground passenger lift in the event of a fire.
- Refer to electrical riser elevation drawings for positioning of equipment within the electrical riser.
- N/A
- Smoke detection for the control of AOV system, specialist to provide final requirements prior to installation.
- Fire interface to form part of the local fire system. Fire specialist to confirm final requirements.
- Door access controls to be confirmed against specification.
- Provisional CCTV camera. Final location and quantity to be confirmed by client/architect.
- Gate control panel to be operated by remote FOB to specialist design.
- Door entry requirements to be confirmed upon receipt of Ingress access strategies.
- Head of stair AOV break glass override switch.
- Lobby AOV break glass override switch.
- Final location of equipment and plant shall be coordinated with the mechanical contractor prior to procurement and installation.
- Video entry panel to be mounted on pedestal. Specification and location TBC by architect.
- Switched fused connection unit and data outlet for DALI lighting controller.
- Fire alarm interface for connection to relay base within adjacent apartment for connection to landfills fire alarm system.
- Fire alarm interface for sprinkler flow switch.
- Fire alarm interface for smoke ventilation system.
- Fire alarm interface for connection to BMS and shall provide signal to shutdown all energy centre plant in the event of a fire and shall also be resettable from the fire alarm panel within the fire control centre.
- Gate to open in the event of a fire.
- Fire alarm interface for lift

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING
CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT
THERE WERE NO CHANGES ON SITE AGAINST THE
CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER:		KDS ARCHITECTS	
DRAWING No.	REVISION	DATE RECEIVED	
3596-KDS-BB-GF-DR-A-03-2003	C7	18.01.2023	

AB	03.02.2023	AS Built	IV	JM
C4	21.10.2022	Updated to global fire drawings.	IV <td>JM</td>	JM
C3	10.02.2022	Lighting updated to preliminary design. Fire escape signage updated to fire strategy drawings.	IV <td>JM</td>	JM
C2	12.01.2022	DALI lighting controllers added.	IV <td>JM</td>	JM
C1	14.07.2021	Construction Issue	IV <td>JM</td>	JM
C1	23.01.2020	Preliminary Issue	DVR	JM

Rev	Date	Description	Scale	Size	Drawn	Chkd
			1:50	A1		
					DVR	JM

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CONSULTANTS**
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Title:
**ELECTRICAL SERVICES LAYOUT
BLOCK B
SECOND FLOOR**

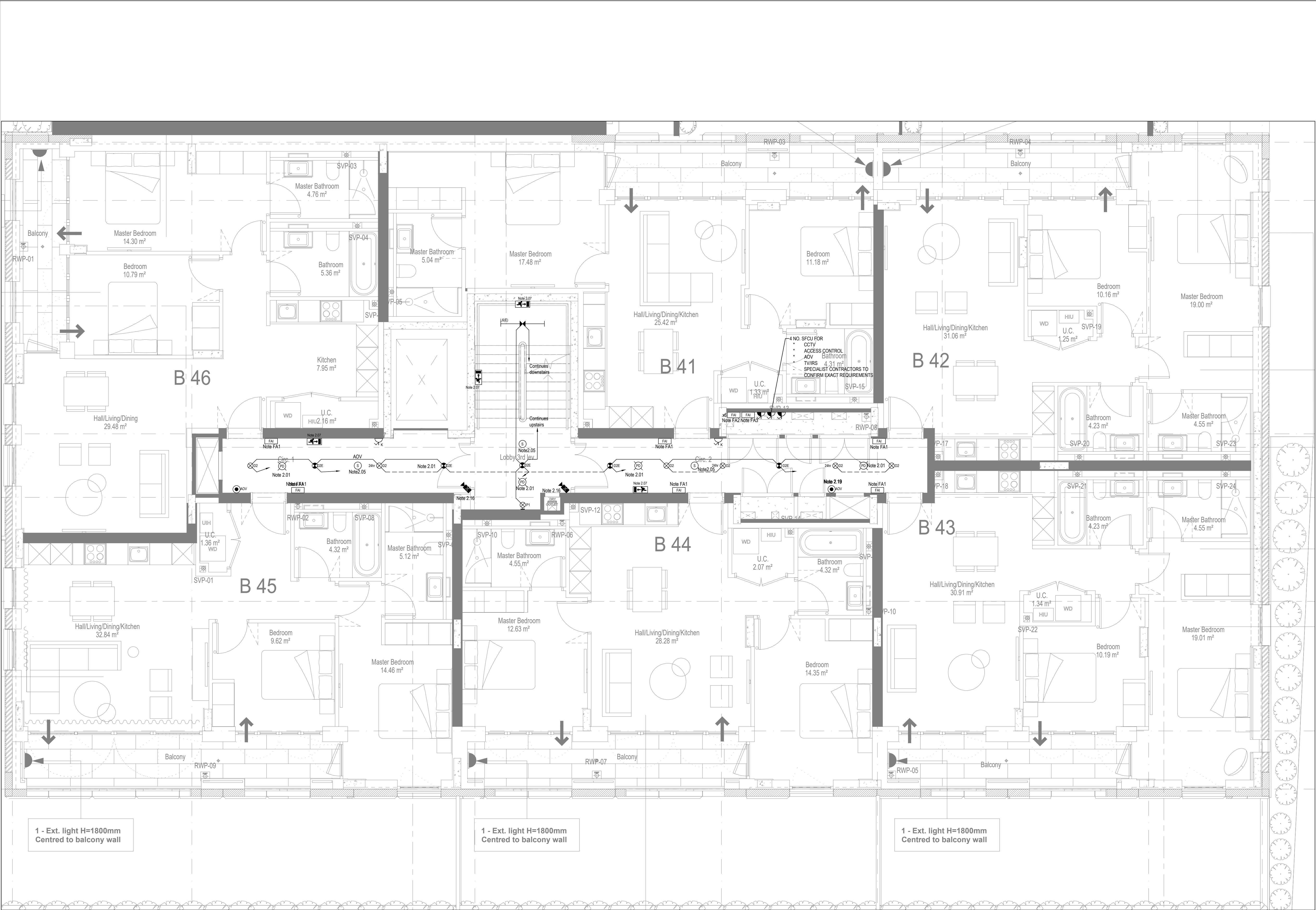
Project:
HORNSEY TOWN HALL

Client:
ARDMORE

Dwg Number:
10687-E-02-B-0102

Rev:
AB

Saved: 1192.168.10.T:\projects\10687_hornsey town hall\06_normal info issue\2023.02.03_block b as built\10687-e-02-b-0102.dwg



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- Dimensional setting out details to be confirmed by architect.
- All discrepancies are to be queried with WDA before works commence.
- Electrical contractor to allow for supply and install of power assisted doors.

Electrical Installation Notes

1.01 All switches and sockets must be installed at least 300mm from internal room corners to meet the requirements of Lifetime Homes, 150mm from hobs and 300mm from sink basin to comply with BS7671.

2. **Common Area Notes**

2.01 Lights within this area that are not controlled by the movement detectors shall be permanently on. Movement detectors shall have a minimum time delay of 15mins before lights switch off.

2.02 External lighting to be controlled by photocell and timedlock. Photocells shall be located above street lighting level. Most beneficial positions to be determined on site.

2.03 Adjustable down light (positioning to be assessed depending on panel location) controlled by key switch to provide 200 lux at lift control panel. Switch shall be marked 'Lift Landing Lighting'.

2.04 Key switch for testing of emergency lighting. No required per circuit.

2.05 All equipment required for the smoke control and environmental systems shall be supplied and installed by a specialist as per their designs, including all smoke/heat detectors, breakglasses, actuators, and keyswitches. Electrical contractor to provide power supplies to specialist's panels. Bin stores shall be independent of the main fire alarm system to provide local detection and sounder.

2.06 Switched fused connection units shall be provided in risers for IRS equipment, AOV, CCTV, door entry and access control equipment. Specialist contractor shall confirm requirements.

2.07 Provisional Emergency exit signs. Final location and quantity to be confirmed by fire strategy/architect.

2.08 Lift 3-phase supply to be terminated in a lockable rotary 4-pole isolator made by Gewiss, ref. GW 70438. All items are to have a 2m length of spare cable to enable the final position to be determined by the lift installer.

2.09 Fire alarm interface shall ground passenger lift in the event of a fire.

2.10 Refer to electrical riser elevation drawings for positioning of equipment within the electrical riser.

2.11 NA

2.12 Smoke detection for the control of AOV system, specialist to provide final requirements prior to installation.

2.13 Fire interface to form part of the local fire system. Fire specialist to confirm final requirements.

2.14 Door access controls to be confirmed against specification.

2.15 Provisional CCTV camera. Final location and quantity to be confirmed by client/architect.

2.16 Gate control panel to be operated by remote FOB to specialist design.

2.17 Door entry requirements to be confirmed upon receipt of Ingress access strategies.

2.18 Head of stair AOV break glass override switch.

2.19 Lobby AOV break glass override switch.

2.20 Final location of equipment and plant shall be coordinated with the mechanical contractor prior to procurement and installation.

2.21 Video entry panel to be mounted on pedestal. Specification and location TBC by architect.

2.22 Switched fused connection unit and data outlet for DALI lighting controller.

FA1 Fire alarm interface for connection to relay base within adjacent apartment for connection to landfills fire alarm system.

FA2 Fire alarm interface for sprinkler flow switch.

FA3 Fire alarm interface for smoke ventilation system.

FA4 Fire alarm interface for connection to BMS and shall provide signal to shutdown all energy centre plant in the event of a fire and shall also be resettable from the fire alarm panel within the fire control centre.

FA5 Gate to open in the event of a fire.

FA6 Fire alarm interface for lift.

DRAWING ISSUED TO AS-BUILT STATUS FOLLOWING CONFIRMATION FROM ARDMORE ON 24.01.2023 THAT THERE WERE NO CHANGES ON SITE AGAINST THE CONSTRUCTION ISSUE DRAWING

BACKGROUND PLAN AS PER:				KDS ARCHITECTS			
DRAWING NO:		REVISION:		DATE RECEIVED:			
1596-KDS-BB-GF-DR-A-03-2004		C7		18.01.2023			

Rev	Date	Description	Size	Scale	Size	Scale	Size	Scale
AB	03.02.2023	AS BUILT	IV	JM				
C2	10.02.2022	Updated to global fire drawings.	IV	JM				
C2	10.02.2022	Lighting updated to preliminary design. Fire escape signage updated to fire strategy drawings.	IV	JM				
C1	14.07.2021	Construction Issue	IV	JM				
C1	23.01.2020	Preliminary Issue	DVR	JM				

Rev	Date	Description	Size	Scale	Size	Scale	Size	Scale
			IV	JM				
			DVR	JM				

Current purpose:	AS BUILT	Scale:	1:50	Size:	A1
Original Issue Date:	23.01.2020	Dwn:	DVR	Chkd:	JM

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Title: ELECTRICAL SERVICES LAYOUT
BLOCK B
THIRD FLOOR

Project: HORNSEY TOWN HALL

Client:	ARDMORE	Rev:	AB
Dwg Number:	10687-E-02-B-0103		

