

# 01. TKA - electrical plan

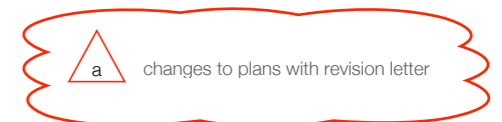
The brief:  
design the electrical provision through the home

## Notes:

- Carry out 1st and 2nd fix electrical works all in accordance with current NIC/EIC regulations, Building Regulation part P, and BS7671 and BS71776
- all sockets to be a minimum of 450mm from finished floor unless otherwise stated
- all switches to be a minimum of 1100mm from finished floor unless otherwise stated
- downlights - spec to be confirmed
- bathroom extractors - TBC to comply with Building Regulations
- wallplates and sockets - see procurement schedule
- cupboard switches, flex outlets and other electrical plates TBC by contractor
- all wall plates, sockets and switch plates to be set out correctly, vertically and horizontally aligned.
- for kitchen wall plates and appliance connections, please refer to kitchen plan
- please refer to TKA - procurement schedule for lighting and wall plate specification
- any spur, fuse, blank and other face plates to be supplied by contractor where necessary
- these dimensions are approximate and must be confirmed on site

## Contents:

- page 03. front elevation - existing
- page 04. front elevation - proposed
- page 05. side elevation - existing
- page 06. side elevation - proposed
- page 07. basement 1 - existing
- page 08. basement 2 - existing
- page 09. ground floor - lighting plan - existing
- page 10. ground floor - wall plates and other connections - existing
- page 11. ground floor - lighting plan - proposed
- page 12. ground floor - wall plates and other connections - proposed
- page 13. first floor - lighting plan - existing
- page 14. first floor - wall plates and other connections - existing
- page 15. first floor - lighting plan - proposed
- page 16. first floor - wall plates and other connections - proposed
- page 17. second floor - lighting plan - existing
- page 18. second floor - wall plates and other connections - existing
- page 19. second floor - lighting plan - proposed
- page 20. second floor - wall plates and other connections - proposed



## Key:

	recessed downlight		two gang socket		existing connection
	wall light		one gang socket		new connection
	switched wall light		shaver socket		new connection which can be connected to an existing connection
	pendant		TV point TV+CAT6 combined socket		removed existing connection
	alarm movement sensor		switch		lowered ceiling
	extractor fan		keycard switch		new panelling on headboard/wall
	radiator connection		keycard door handle		lime plastered existing exposed brick wall
	towel rail		blank point		existing panelling
	alarm face		uplight		fire escape emergency light
	smoke alarm		downlighter		
	LED strip		external adjustable spotlight		
	ceiling bar		external alarm box		

## NOTE TO CONTRACTOR -

**This plan is indicative. The number of lights per circuit are to be confirmed as suitable before work commences. All electrical 1st and 2nd fix works are to be carried out all in accordance with current NIC/EIC regulations, Building Regulation part P, and BS7671 and BS71776 by competent electrician with the relevant experience and qualifications. All works are to be signed off by qualified electrician**

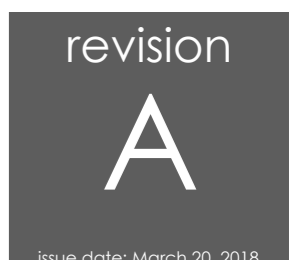


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drawing: electrical plan  
drawn by: KP  
scale: as shown @A3

all dimensions to be checked on site  
do not scale from this drawing  
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drawing no. 000TKAKP001								
amendments								
date	page	description	date	page	description	date	page	description
20/03/2018	3-4	- addition of alarm boxes - addition of main socket - addition of uplighters						
	5-6	- addition of side elevation pages						
	7-8	- addition of basement pages						
	9&11	- addition of alarm movement sensors - addition of fire escape emergency lighting						
	12	- location for the alarm face move						

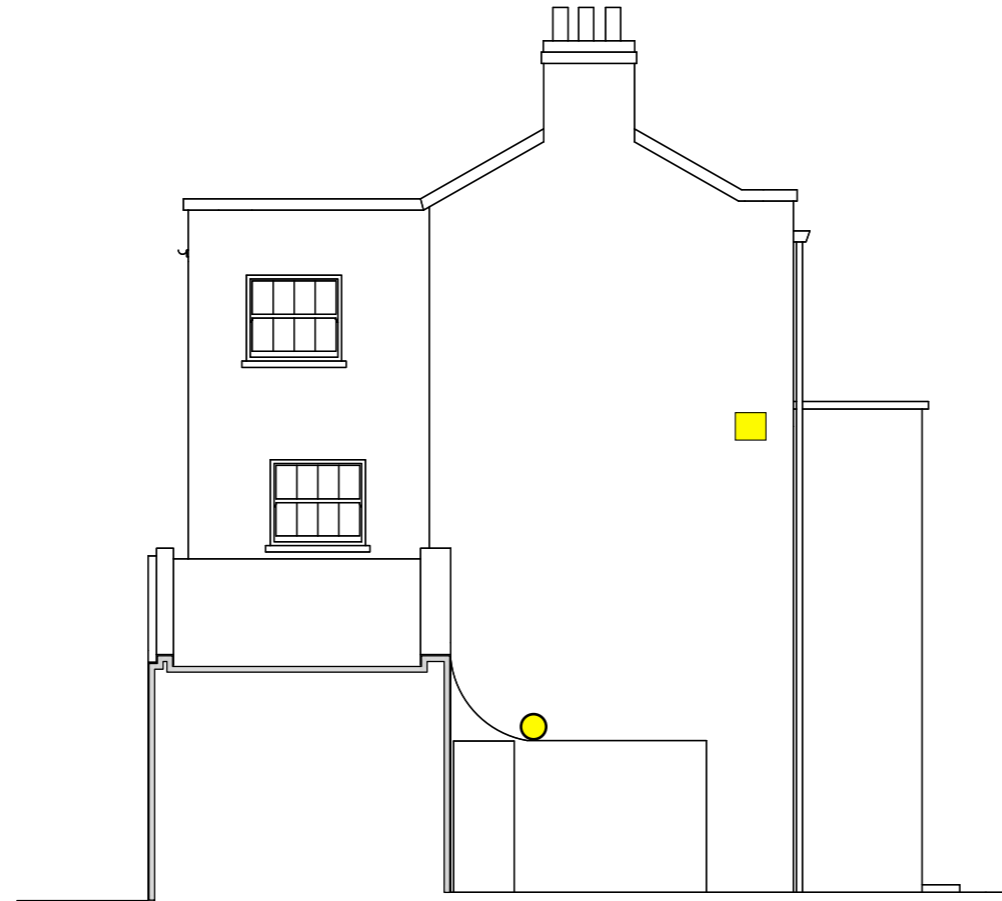
Front Elevation - Lighting Plan - Existing  
Scale 1:100



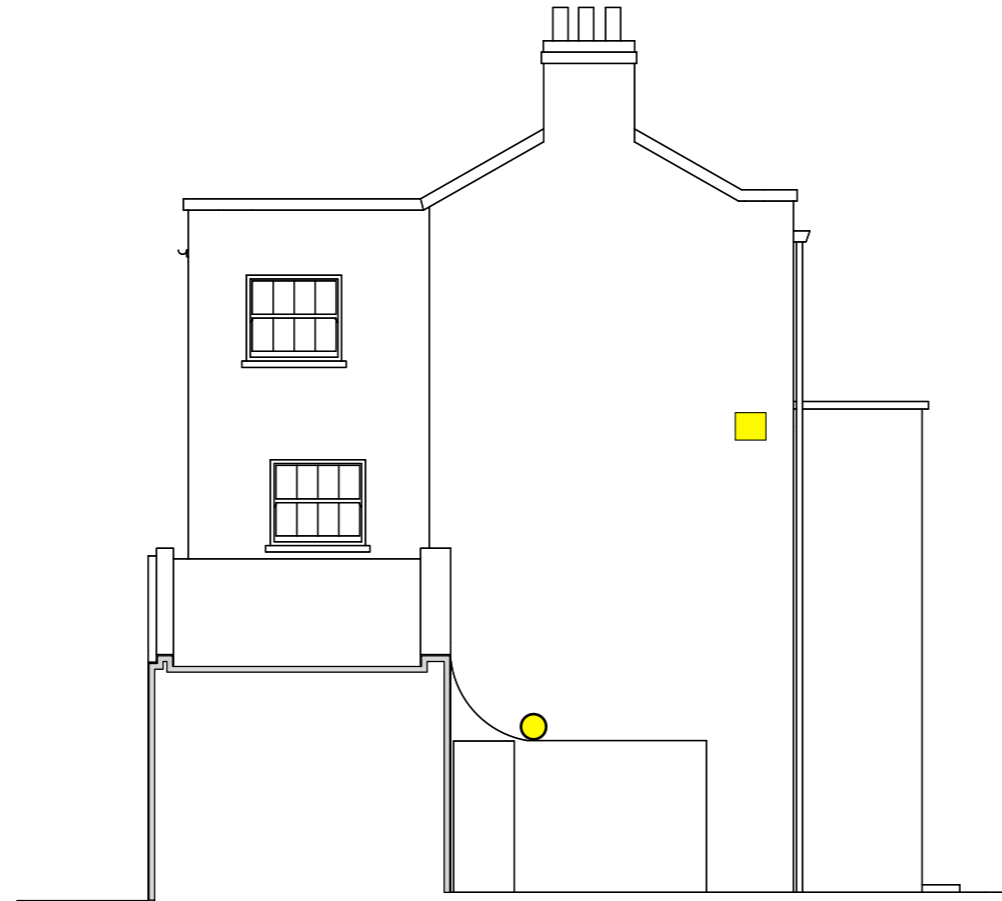
Front Elevation - Lighting Plan - Proposed  
Scale 1:100



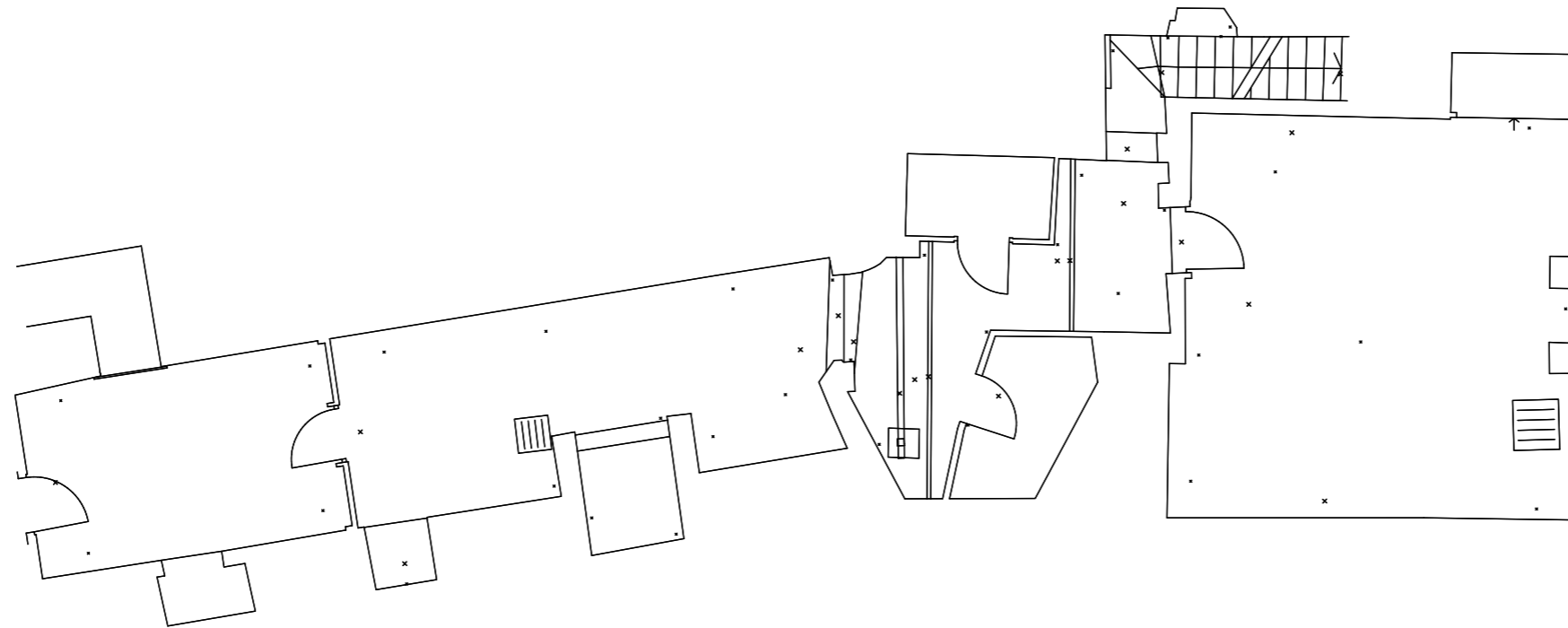
Side Elevation - Lighting Plan - Existing  
Scale 1:100



Side Elevation - Lighting Plan - Proposed  
Scale 1:100



Basement 1 - Lights and switches to stay on the existing locations  
Scale 1:100



# Basement 2 - Lights and switches to stay on the existing locations

Scale 1:100



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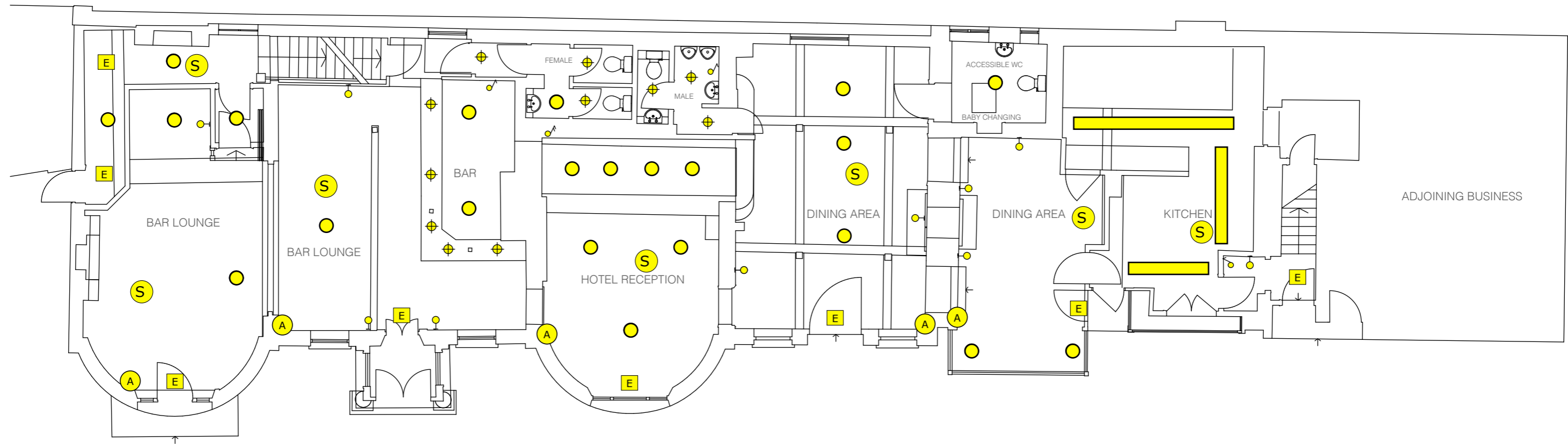
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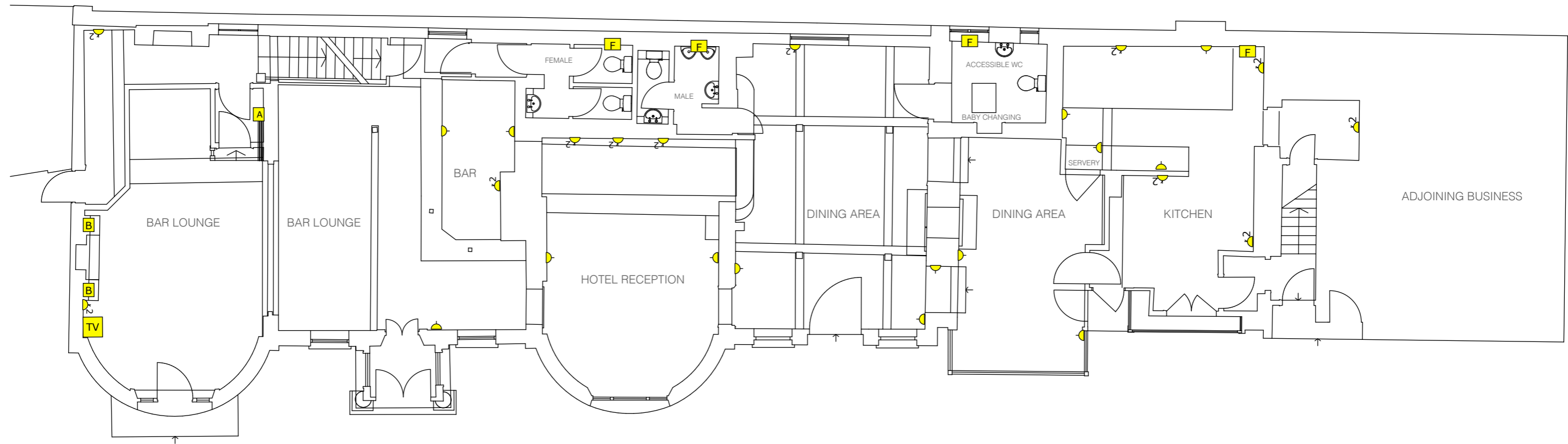
issue date: March 20, 2018



Ground Floor Plan - Lighting Plan - Existing  
Scale 1:100



Ground Floor Plan - Wall Plates & Other Connections - Existing  
 Scale 1:100

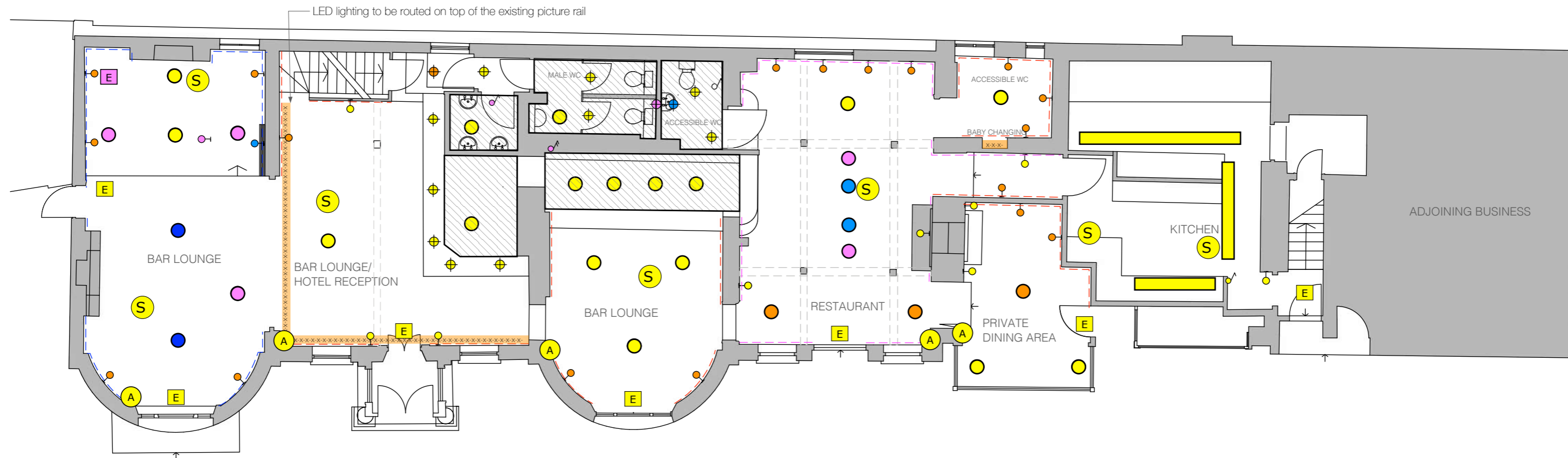


# Ground Floor Plan - Lighting Plan - Proposed

Scale 1:100

## Notes:

- Wall lights to be at 1.8m height
- Sockets to be 450mm from the floor level to the top of the plate
- Switches to be between 900mm and 1.1m from floor level to top of plate
- Sockets, switched wall lights and switches on the panelled walls to be routed through the panelling to the nearest connection
- Hallway lights and public/staff wc's to have motion sensor lighting
- New connections to be carefully routed into the walls/ceilings and re-plastered using the same material as the wall/ceiling.



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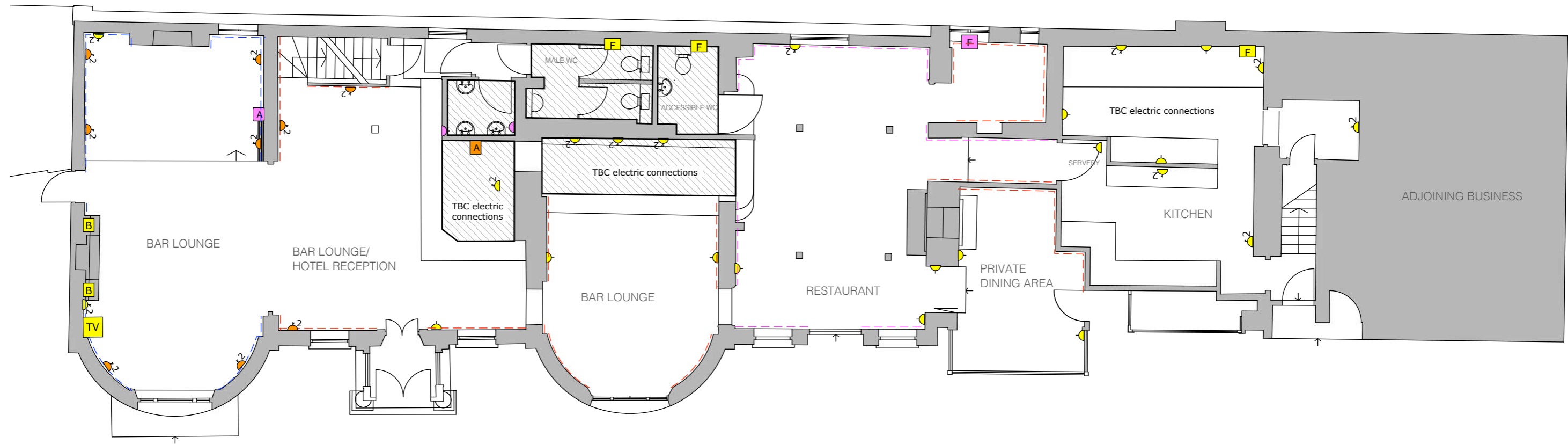
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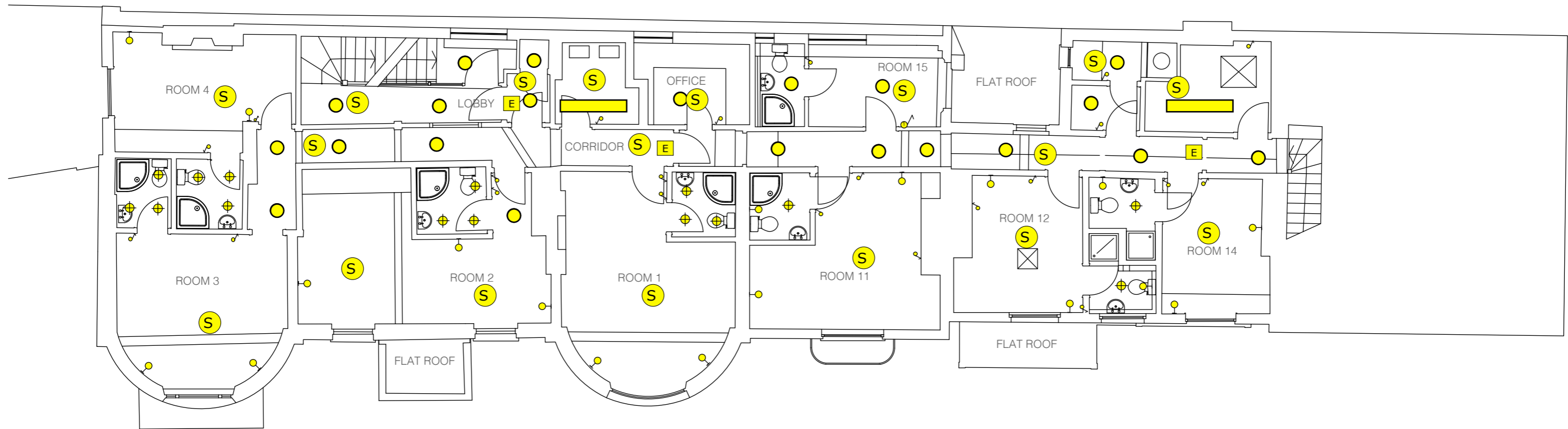
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Ground Floor Plan - Wall Plates & Other Connections - Proposed  
 Scale 1:100

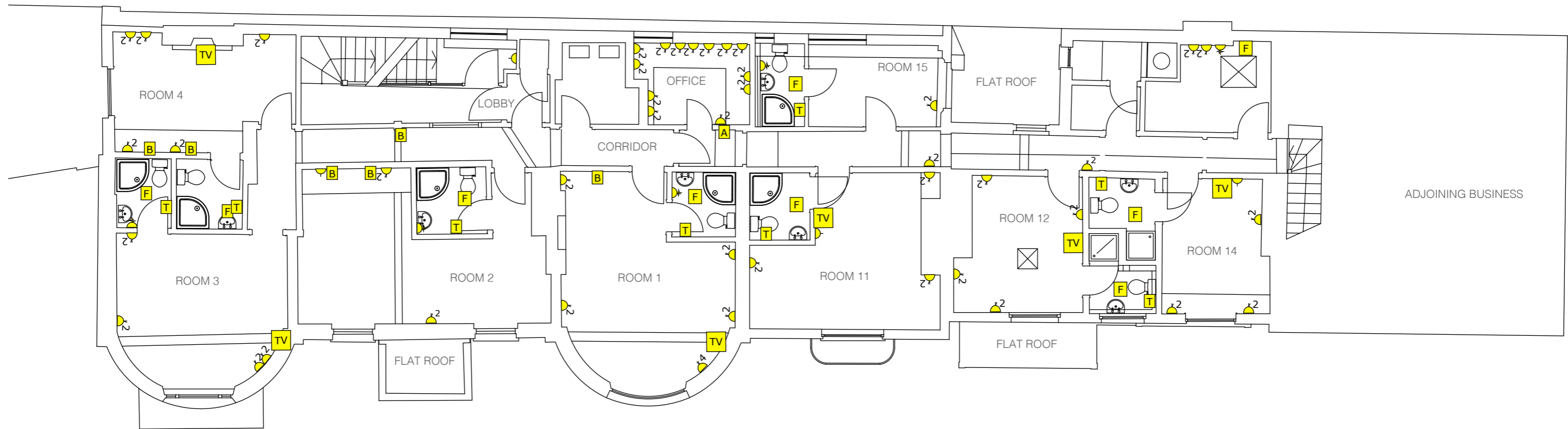


First Floor Plan - Lighting Plan - Existing  
 Scale 1:100



# First Floor Plan - Wall Plates & Other Connections - Existing

Scale 1:100

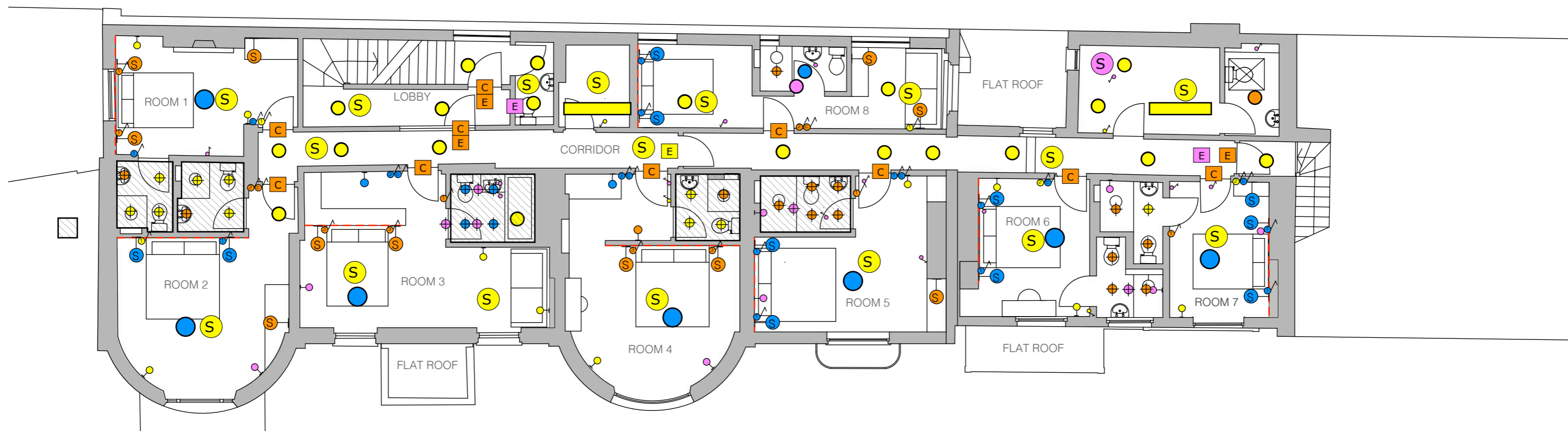


# First Floor Plan - Lighting Plan - Proposed

Scale 1:100

## Notes:

- Wall lights to be at 1.8m height
- Sockets to be 450mm from the floor level to the top of the plate
- Switches to be between 900mm and 1.1m from floor level to top of plate
- Sockets, switched wall lights and switched on the panelled headboards to be routed through the headboard panelling to the nearest connection
- Hallway lights and public/staff wc's to have motion sensor lighting
- All bedroom entrance door to have a keycard handle
- All bathroom lighting to be IP65
- New connections to be carefully routed into the walls/ceilings and re-plastered using the same material as the wall/ceiling.



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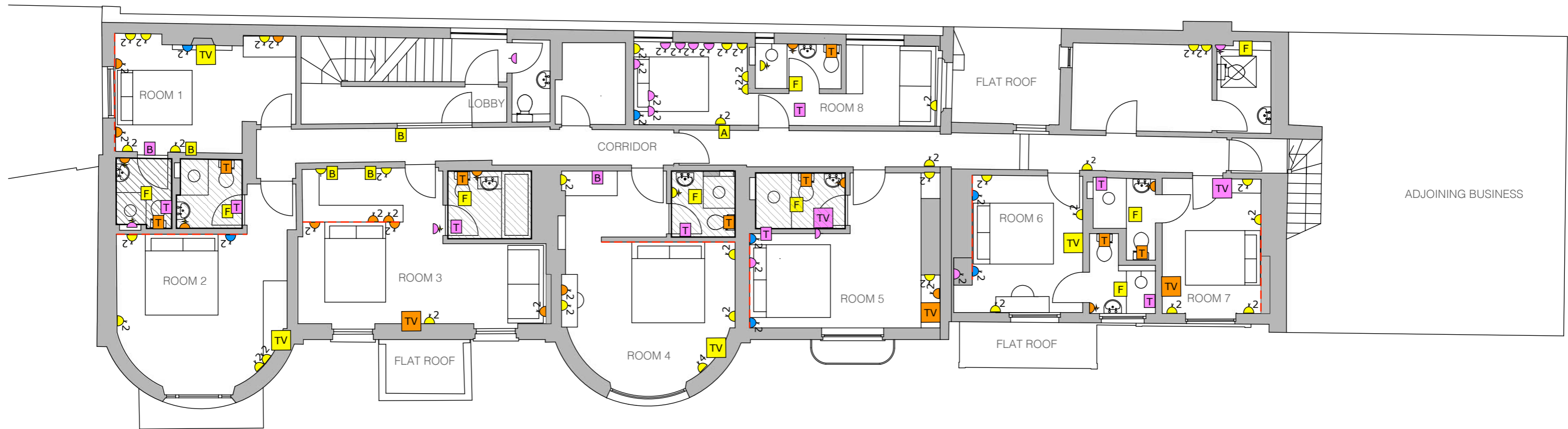
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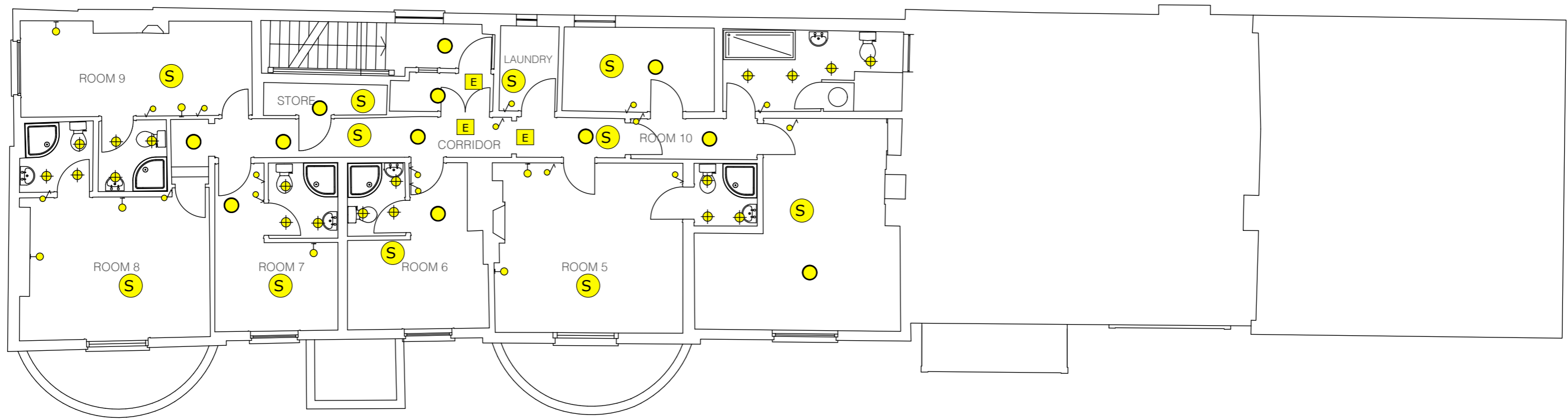
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First Floor Plan - Wall Plates & Other Connections - Proposed  
 Scale 1:100

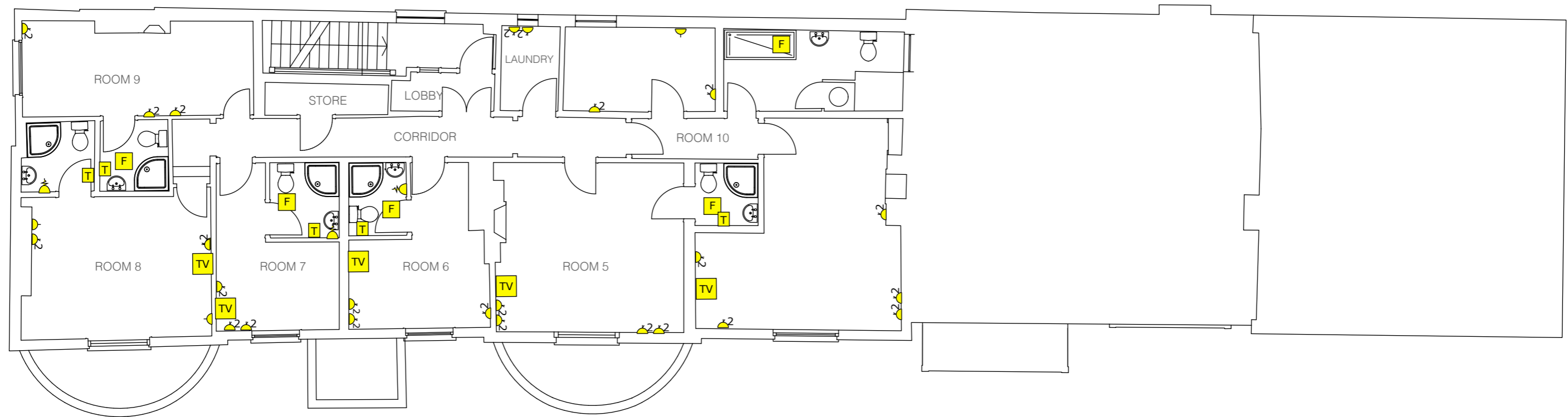




Second Floor Plan - Lighting Plan - Existing  
 Scale 1:100



Second Floor Plan - Wall Plates & Other Connections - Existing  
 Scale 1:100

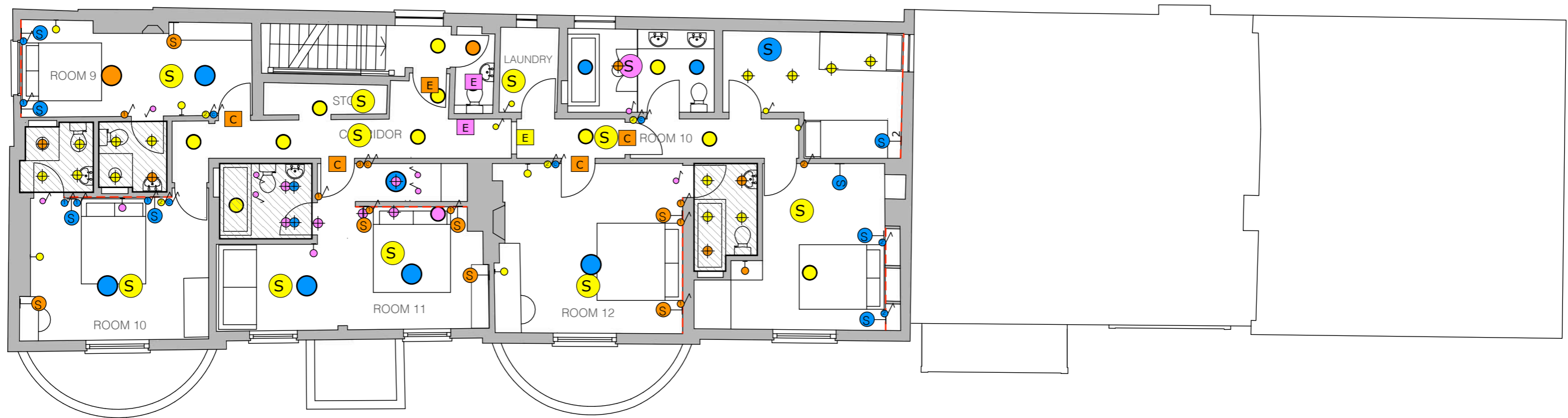


# Second Floor Plan - Lighting Plan - Proposed

Scale 1:100

## Notes:

- Wall lights to be at 1.8m height
- Sockets to be 450mm from the floor level to the top of the plate
- Switches to be between 900mm and 1.1m from floor level to top of plate
- Sockets, switched wall lights and switches on the panelled headboards to be routed through the headboard panelling to the nearest connection
- Hallway lights and public/staff wc's to have motion sensor lighting
- All bedroom entrance door to have a keycard handle
- All bathroom lighting to be IP65
- New connections to be carefully routed into the walls/ceilings and re-plastered using the same material as the wall/ceiling.



Second Floor Plan - Wall Plates & Other Connections - Proposed  
 Scale 1:100

