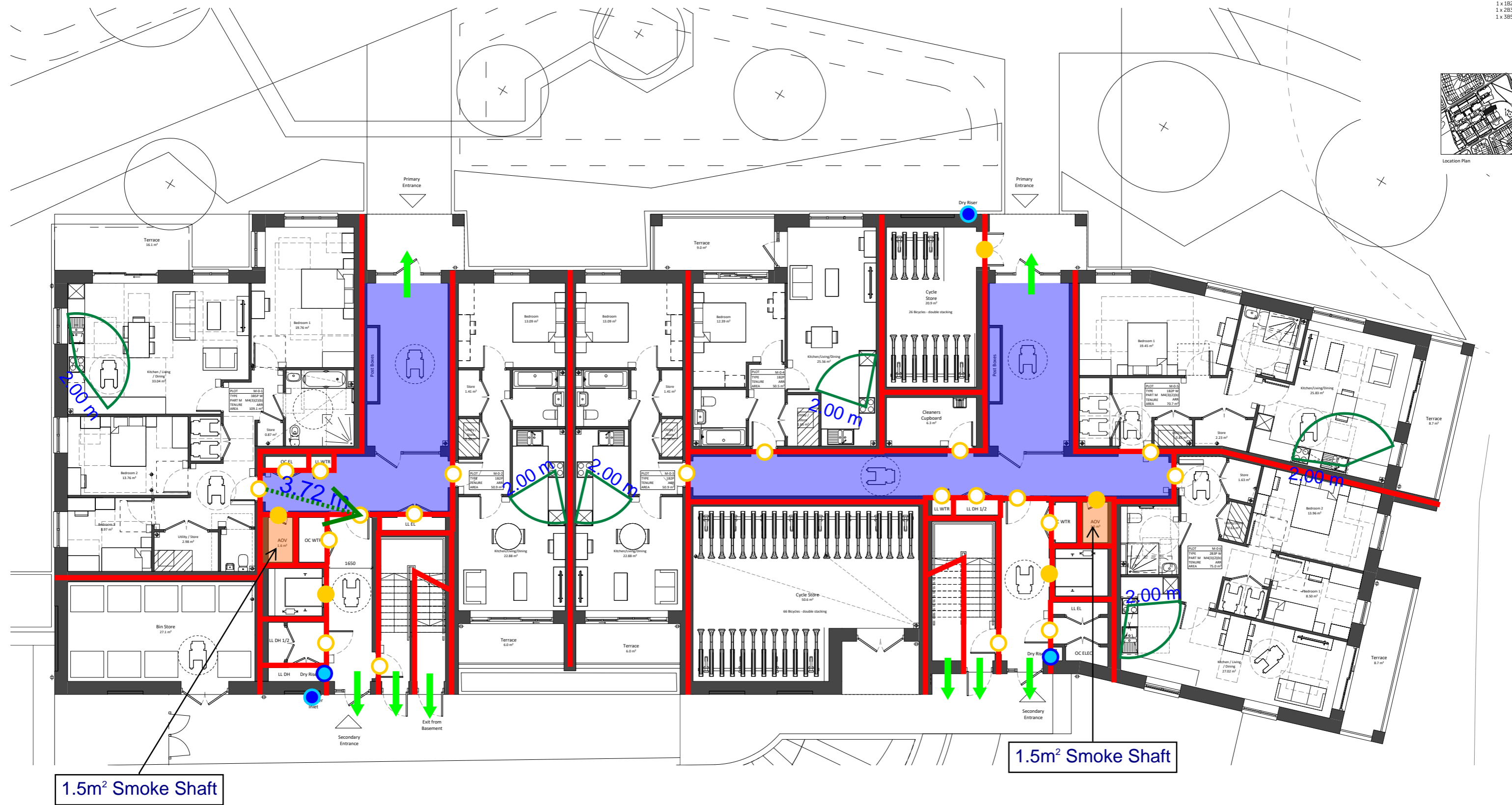


Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block I - Fifth Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:				
Alternative Exit	FD30 Door	FD30S Door	30/30/30 FRR	Dry Riser Outlet
	FD60 Door	FD60S Door	60/60/60 FRR	Dry Riser Inlet
	FD90 Door	FD90S Door	90/90/90 FRR	Fire Hydrant
	FD120 Door	FD120S Door	120/120/120 FRR	

AFFINITY
FIRE ENGINEERING



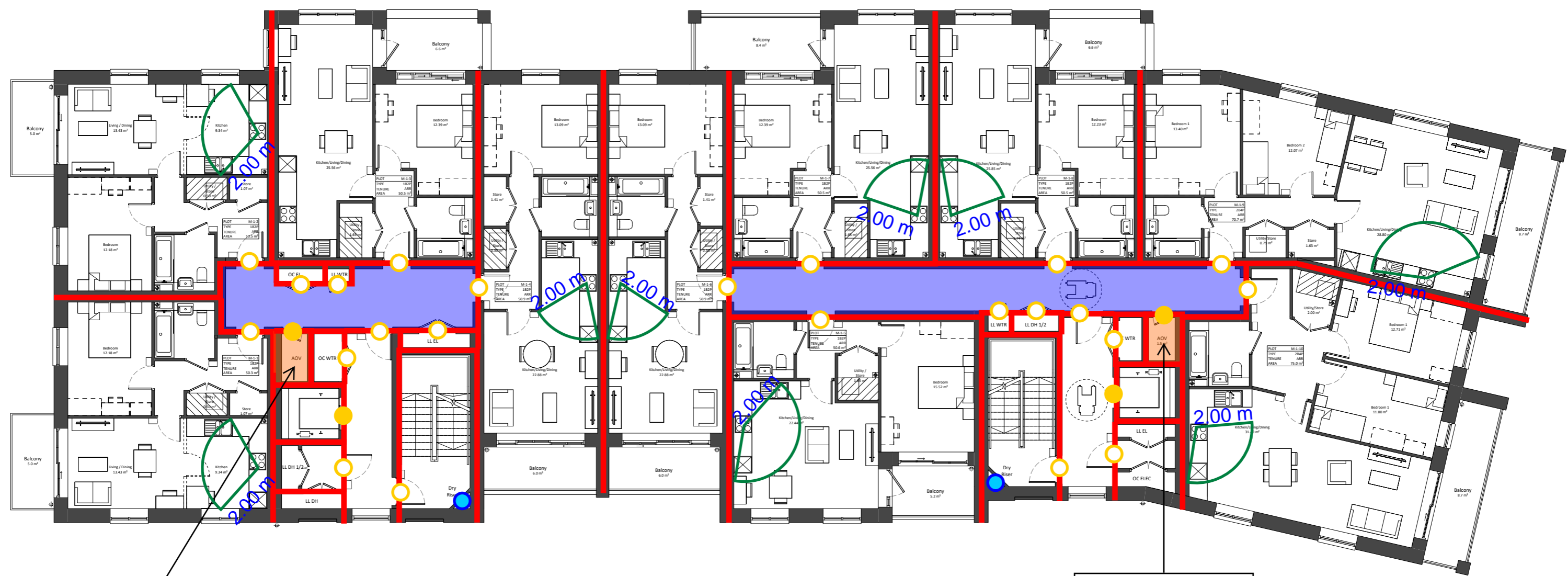
1.5m² Smoke Shaft

1.5m² Smoke Shaft

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block M - Ground Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:					
	Alternative Exit		FD30 Door		FD30S Door
			FD60 Door		FD60S Door
			FD90 Door		FD90S Door
			FD120 Door		FD120S Door
			30/30/30 FRR		60/60/60 FRR
			90/90/90 FRR		120/120/120 FRR
			Dry Riser Outlet		Dry Riser Inlet
			Fire Hydrant		





1.5m² Smoke Shaft

1.5m² Smoke Shaft

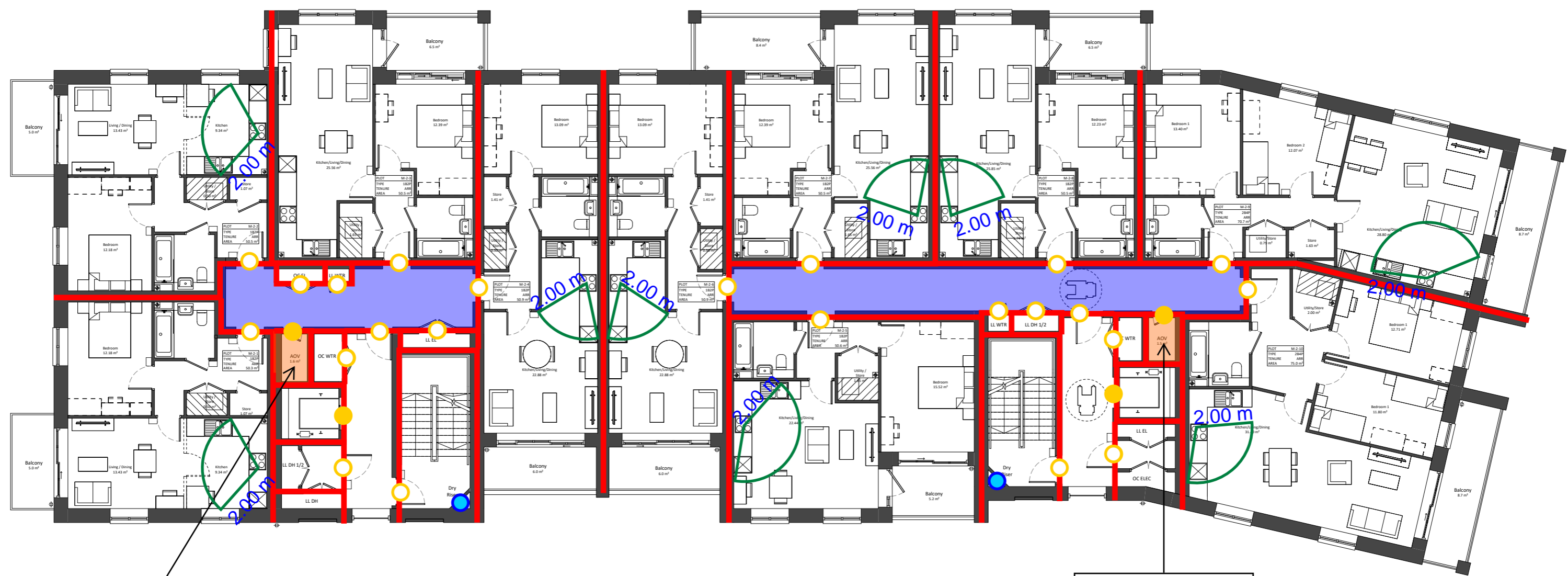
Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block M - First Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:						
Alternative Exit	FD30 Door	FD30S Door	FD60 Door	FD60S Door	30/30/30 FRR	Dry Riser Outlet
FD90 Door	FD90S Door	FD120 Door	FD120S Door	60/60/60 FRR	90/90/90 FRR	Dry Riser Inlet
				120/120/120 FRR		Fire Hydrant





Location Plan



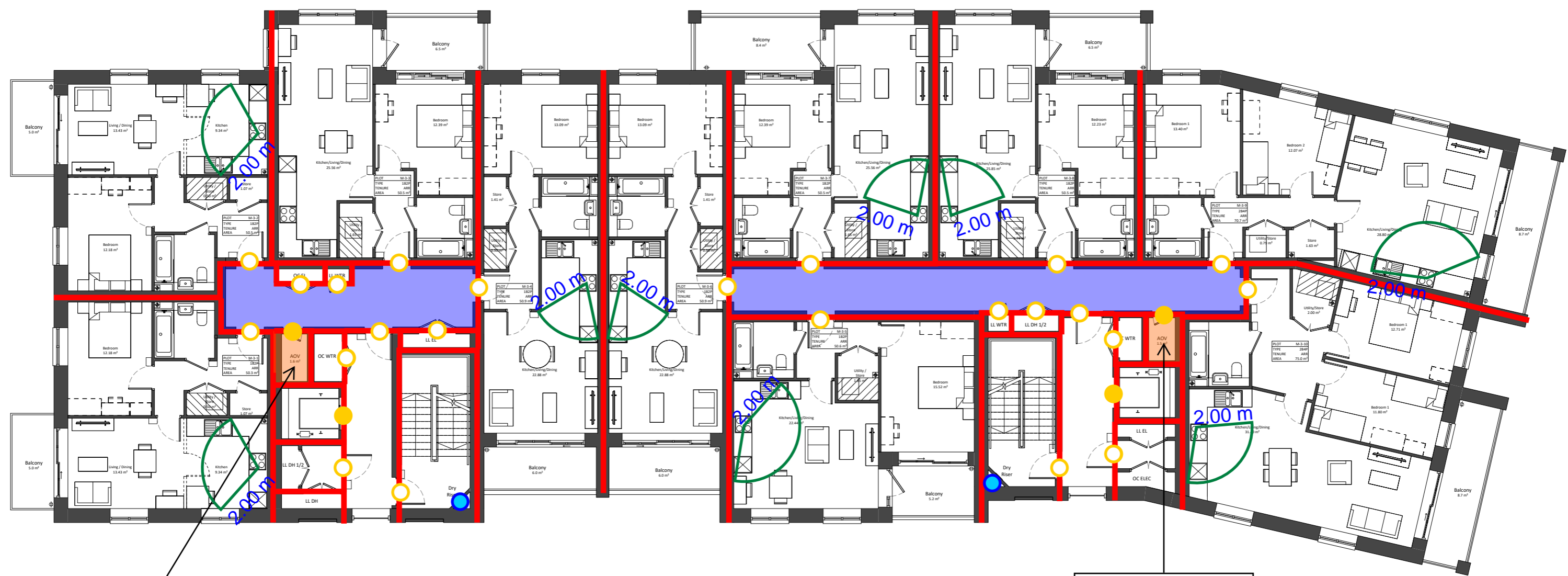
1.5m² Smoke Shaft

1.5m² Smoke Shaft

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block M - Second Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:							
	Alternative Exit		FD30 Door		FD30S Door		30/30/30 FRR
	FD60 Door		FD60S Door		60/60/60 FRR		Dry Riser Outlet
	FD90 Door		FD90S Door		90/90/90 FRR		Dry Riser Inlet
	FD120 Door		FD120S Door		120/120/120 FRR		Fire Hydrant





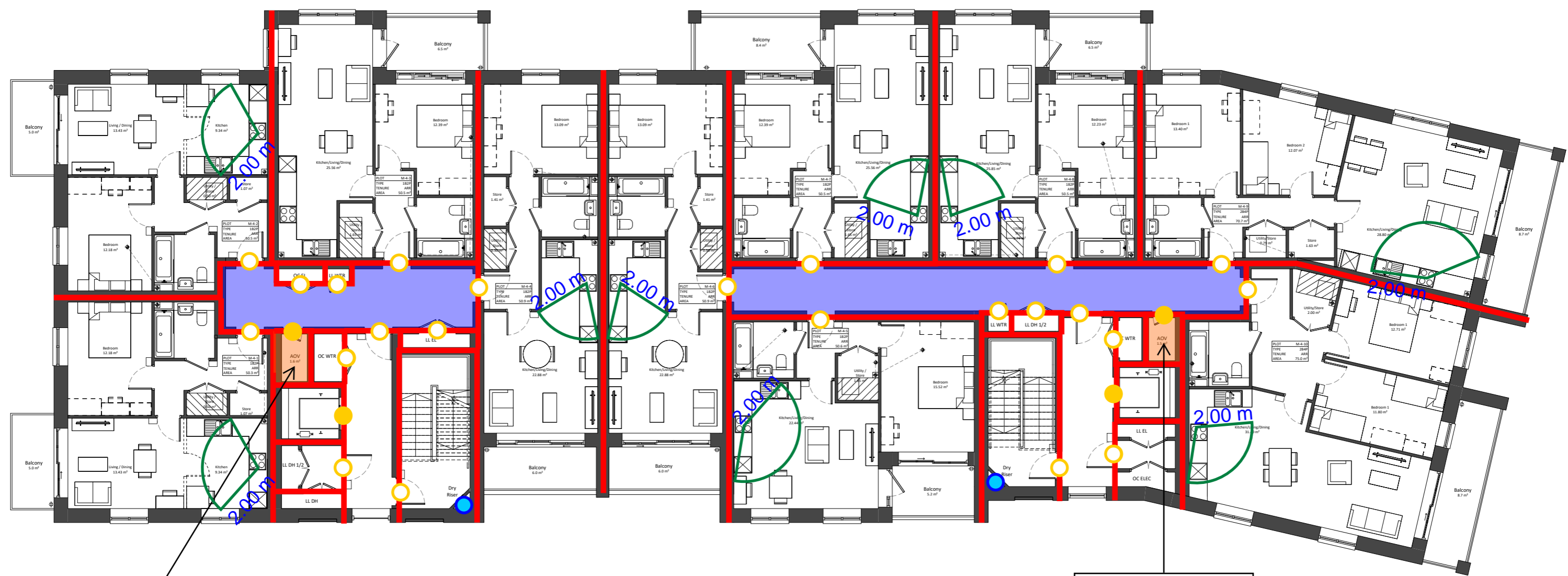
1.5m² Smoke Shaft

1.5m² Smoke Shaft

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block M - Third Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:					
	Alternative Exit		FD30 Door		FD30S Door
	FD60 Door		FD60S Door		30/30/30 FRR
	FD90 Door		FD90S Door		60/60/60 FRR
	FD120 Door		FD120S Door		90/90/90 FRR
					120/120/120 FRR
					Dry Riser Outlet
					Dry Riser Inlet
					Fire Hydrant





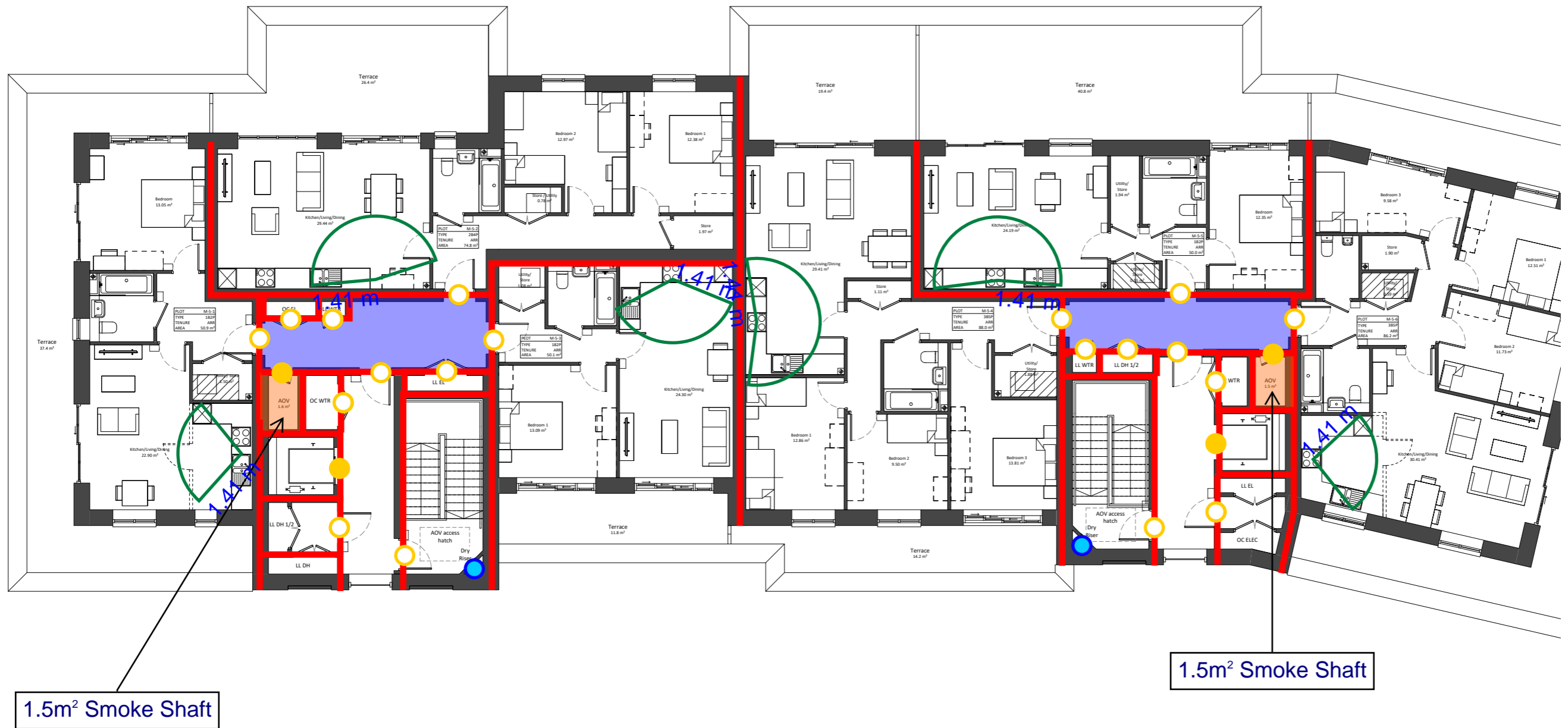
1.5m² Smoke Shaft

1.5m² Smoke Shaft

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block M - Fourth Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:					
	Alternative Exit		FD30 Door		FD30S Door
			FD60 Door		FD60S Door
			FD90 Door		FD90S Door
			FD120 Door		FD120S Door
			30/30/30 FRR		60/60/60 FRR
			90/90/90 FRR		120/120/120 FRR
			Dry Riser Outlet		Dry Riser Inlet
			Fire Hydrant		

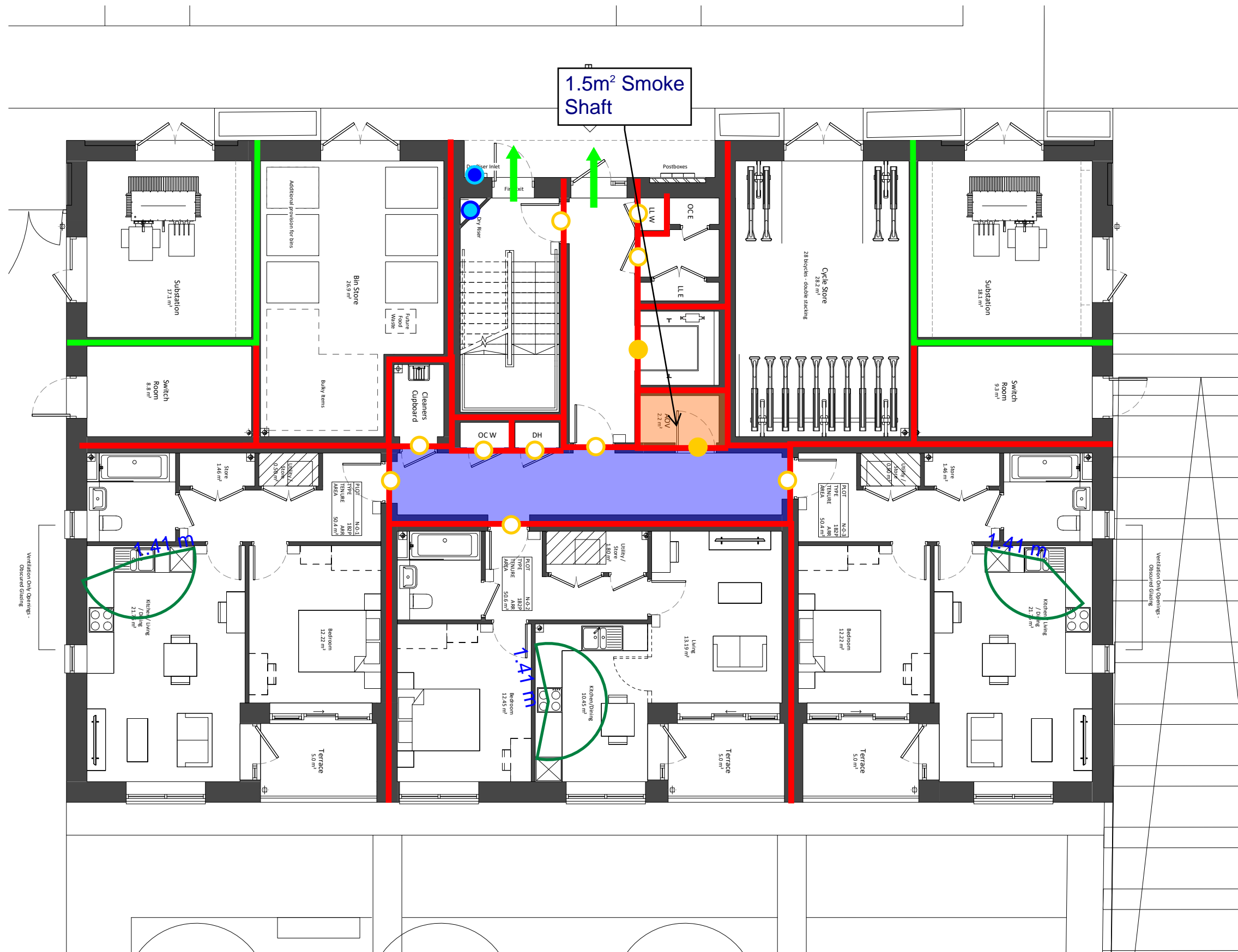




Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block M - Fifth Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:					
Alternative Exit	FD30 Door	FD30S Door	30/30/30 FRR	Dry Riser Outlet	
	FD60 Door	FD60S Door	60/60/60 FRR	Dry Riser Inlet	
	FD90 Door	FD90S Door	90/90/90 FRR	Fire Hydrant	
	FD120 Door	FD120S Door	120/120/120 FRR		



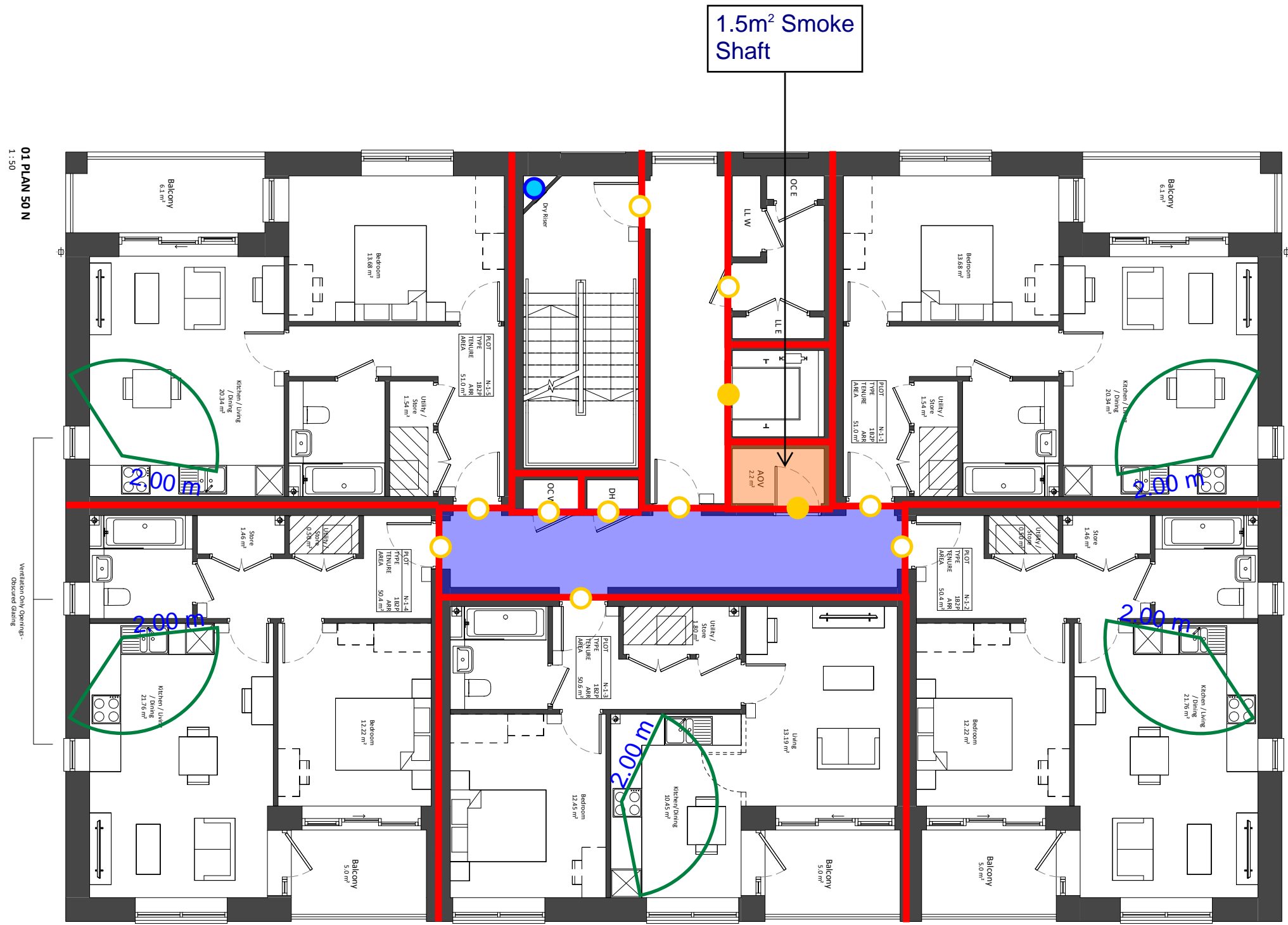


1.5m² Smoke Shaft

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block N - Ground Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:							
	Alternative Exit		FD30 Door		FD30S Door		30/30/30 FRR
	240/240/240 FRR		FD60 Door		FD60S Door		60/60/60 FRR
			FD90 Door		FD90S Door		90/90/90 FRR
			FD120 Door		FD120S Door		120/120/120 FRR
							Dry Riser Outlet
							Dry Riser Inlet
							Fire Hydrant





01 PLAN 50 N
1:50

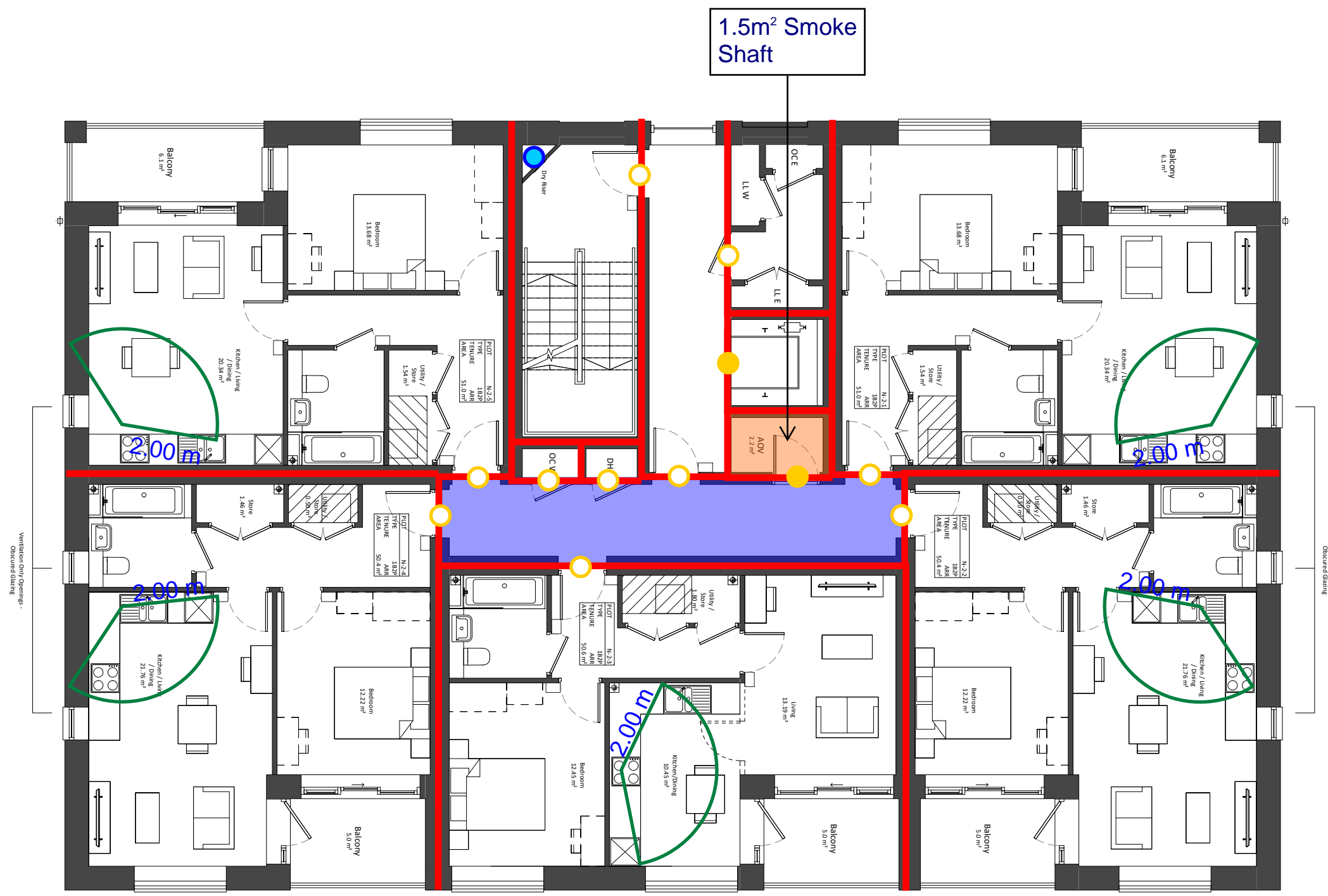
Ventilation Only Openings -
Obscured Glazing

Ventilation Only Openings -
Obscured Glazing

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block N - First Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:	
Alternative Exit	FD30 Door
FD60 Door	FD60S Door
FD90 Door	FD90S Door
FD120 Door	FD120S Door
30/30/30 FRR	60/60/60 FRR
90/90/90 FRR	120/120/120 FRR
Dry Riser Outlet	Dry Riser Inlet
Fire Hydrant	

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1.5m² Smoke Shaft

Ventilation Only Openings -
Obscured during

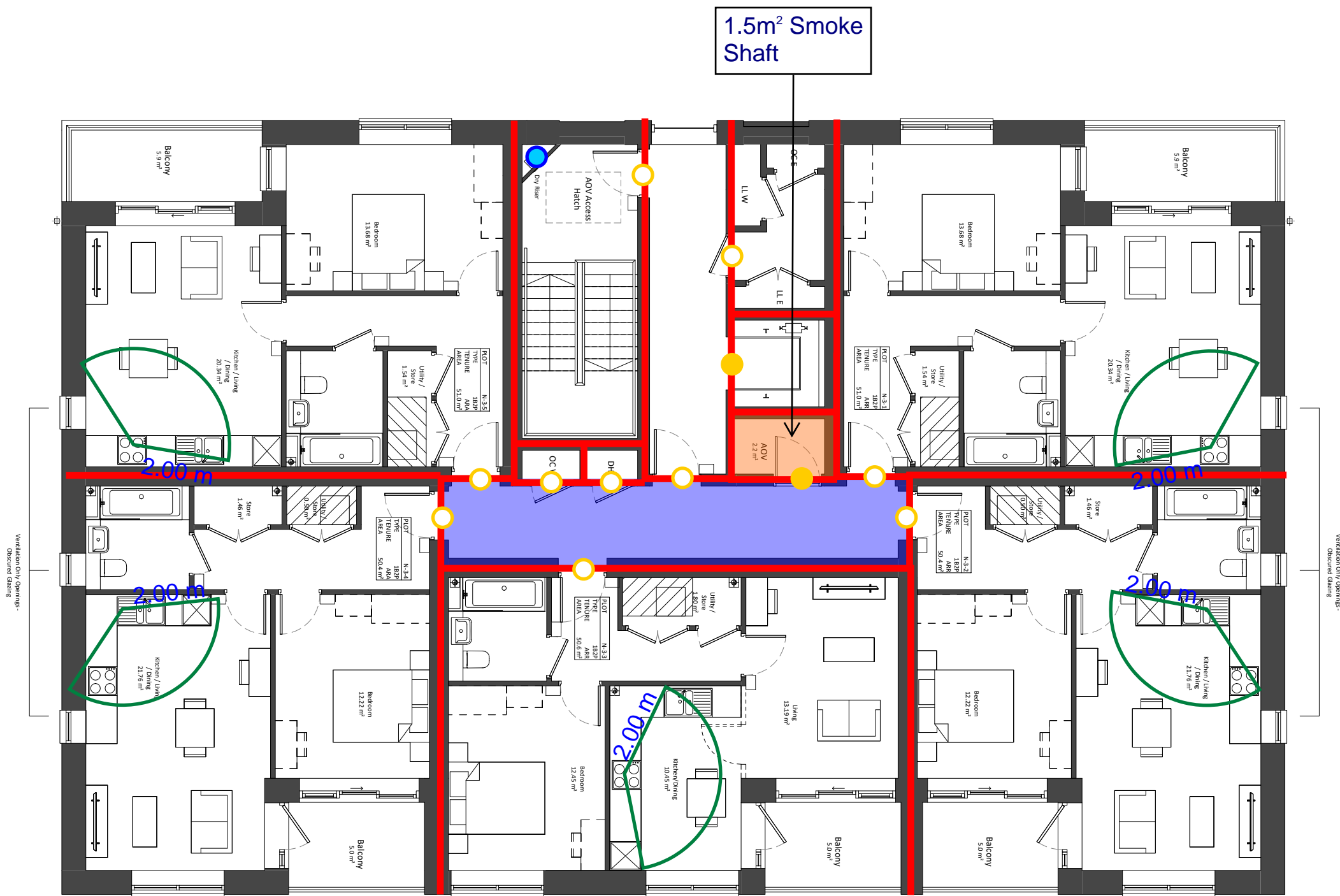
Ventilation Only Openings -
Obscured during



Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block N - Second Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:					
	Alternative Exit		FD30 Door		FD30S Door
			FD60 Door		FD60S Door
			FD90 Door		FD90S Door
			FD120 Door		FD120S Door
			30/30/30 FRR		60/60/60 FRR
			90/90/90 FRR		120/120/120 FRR
			Dry Riser Outlet		Fire Hydrant
			Dry Riser Inlet		

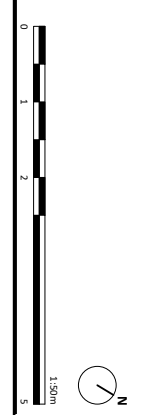




1.5m² Smoke Shaft

Ventilation Only Openings - Observed opening

Ventilation Only Openings - Observed opening



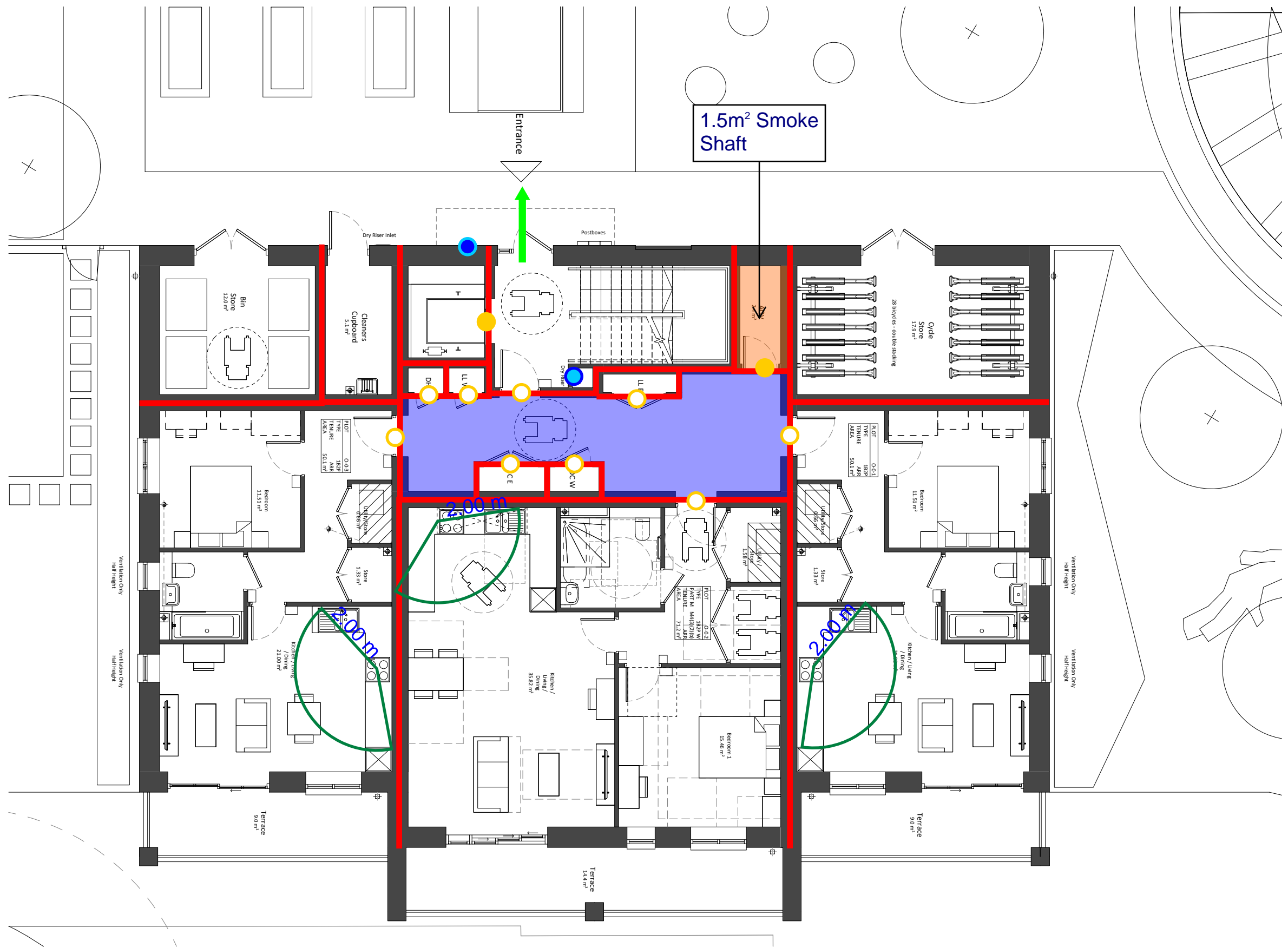
Ham

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block N - Third Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:	
Alternative Exit	FD30 Door
FD60 Door	FD30S Door
FD90 Door	FD60S Door
FD120 Door	FD90S Door
	FD120S Door
30/30/30 FRR	60/60/60 FRR
90/90/90 FRR	120/120/120 FRR
Dry Riser Outlet	Dry Riser Inlet
Fire Hydrant	

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1.5m² Smoke Shaft

Entrance

2.00m

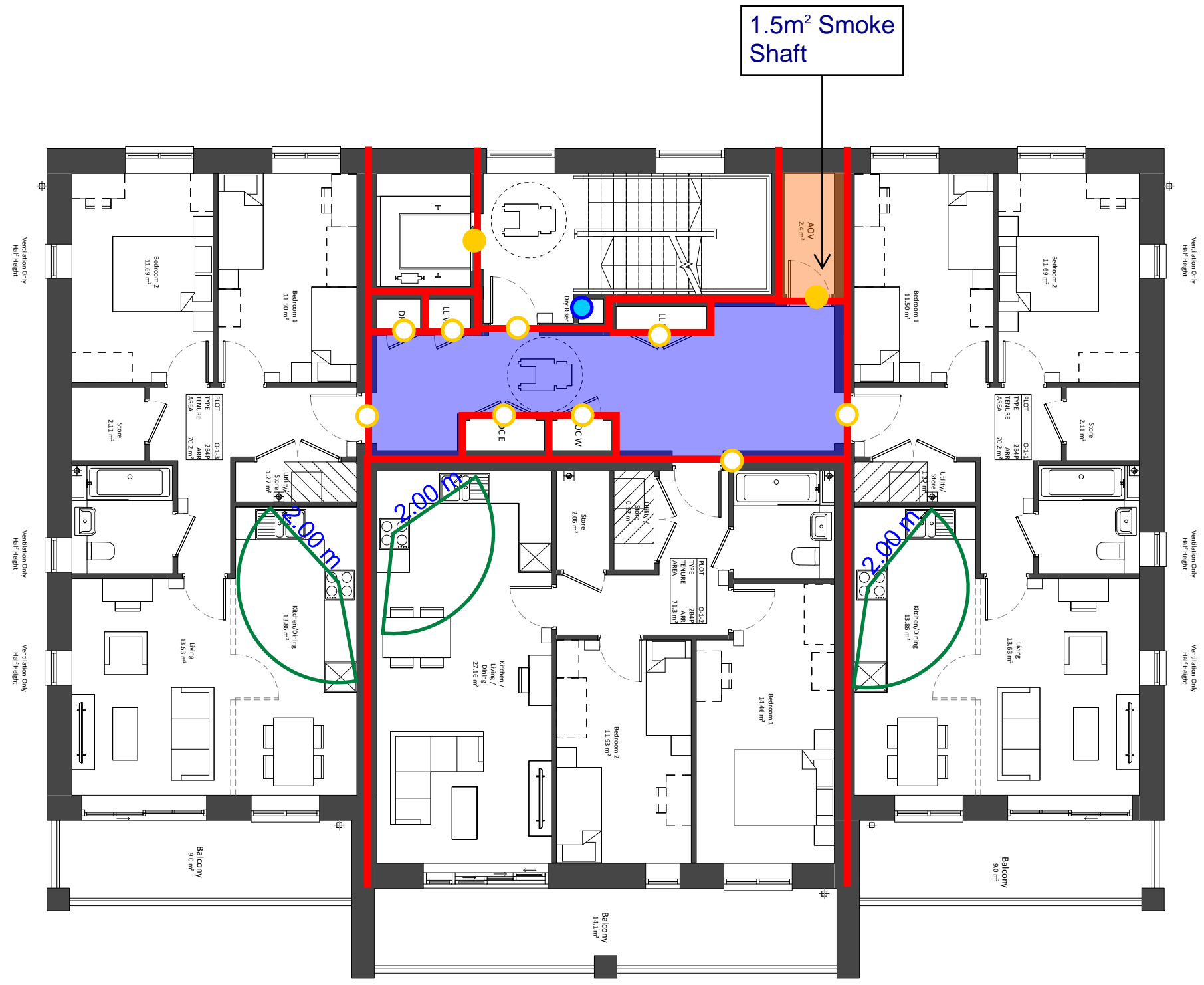
1.50m

2.00m

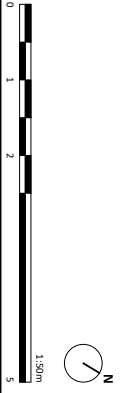
Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block O - Ground Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:				
Alternative Exit	FD30 Door	FD30S Door	30/30/30 FRR	Dry Riser Outlet
FD60 Door	FD60S Door	60/60/60 FRR	Dry Riser Inlet	Fire Hydrant
FD90 Door	FD90S Door	90/90/90 FRR		
FD120 Door	FD120S Door	120/120/120 FRR		





1.5m² Smoke Shaft



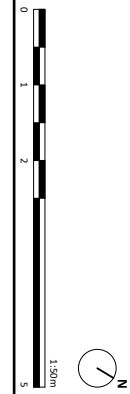
Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block O - First Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:				
Alternative Exit	FD30 Door	FD30S Door	30/30/30 FRR	Dry Riser Outlet
FD60 Door	FD60S Door	60/60/60 FRR	Dry Riser Inlet	Fire Hydrant
FD90 Door	FD90S Door	90/90/90 FRR		
FD120 Door	FD120S Door	120/120/120 FRR		

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FIRE ENGINEERING

1.5m² Smoke Shaft



Ham

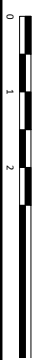
Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block O - Second Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:				
Alternative Exit	FD30 Door	FD30S Door	30/30/30 FRR	Dry Riser Outlet
FD60 Door	FD60S Door	60/60/60 FRR	Dry Riser Inlet	Fire Hydrant
FD90 Door	FD90S Door	90/90/90 FRR		
FD120 Door	FD120S Door	120/120/120 FRR		





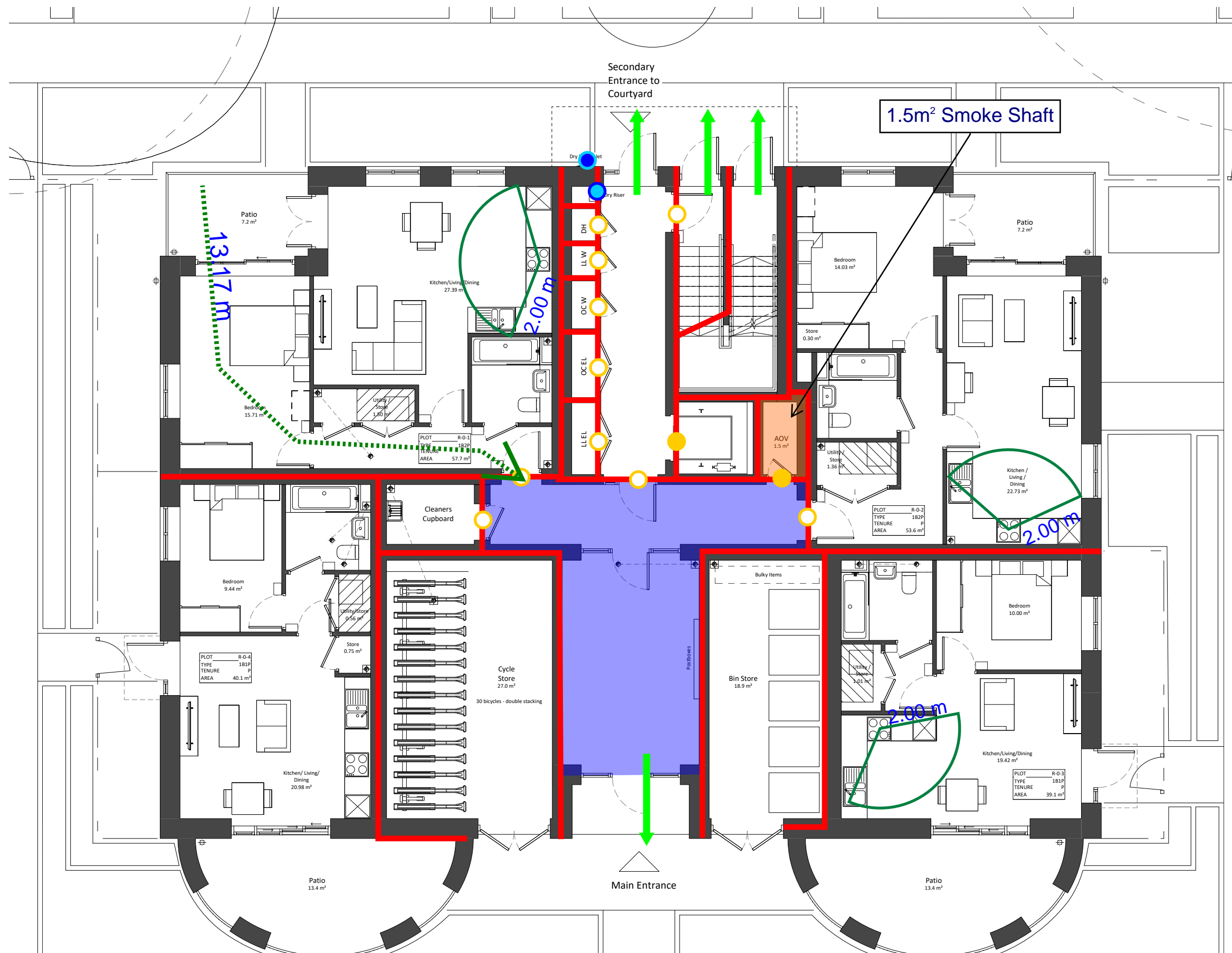
1.5m² Smoke Shaft



Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block O - Third Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:				
Alternative Exit	FD30 Door	FD30S Door	30/30/30 FRR	Dry Riser Outlet
FD60 Door	FD60S Door	60/60/60 FRR	Dry Riser Inlet	Fire Hydrant
FD90 Door	FD90S Door	90/90/90 FRR		
FD120 Door	FD120S Door	120/120/120 FRR		

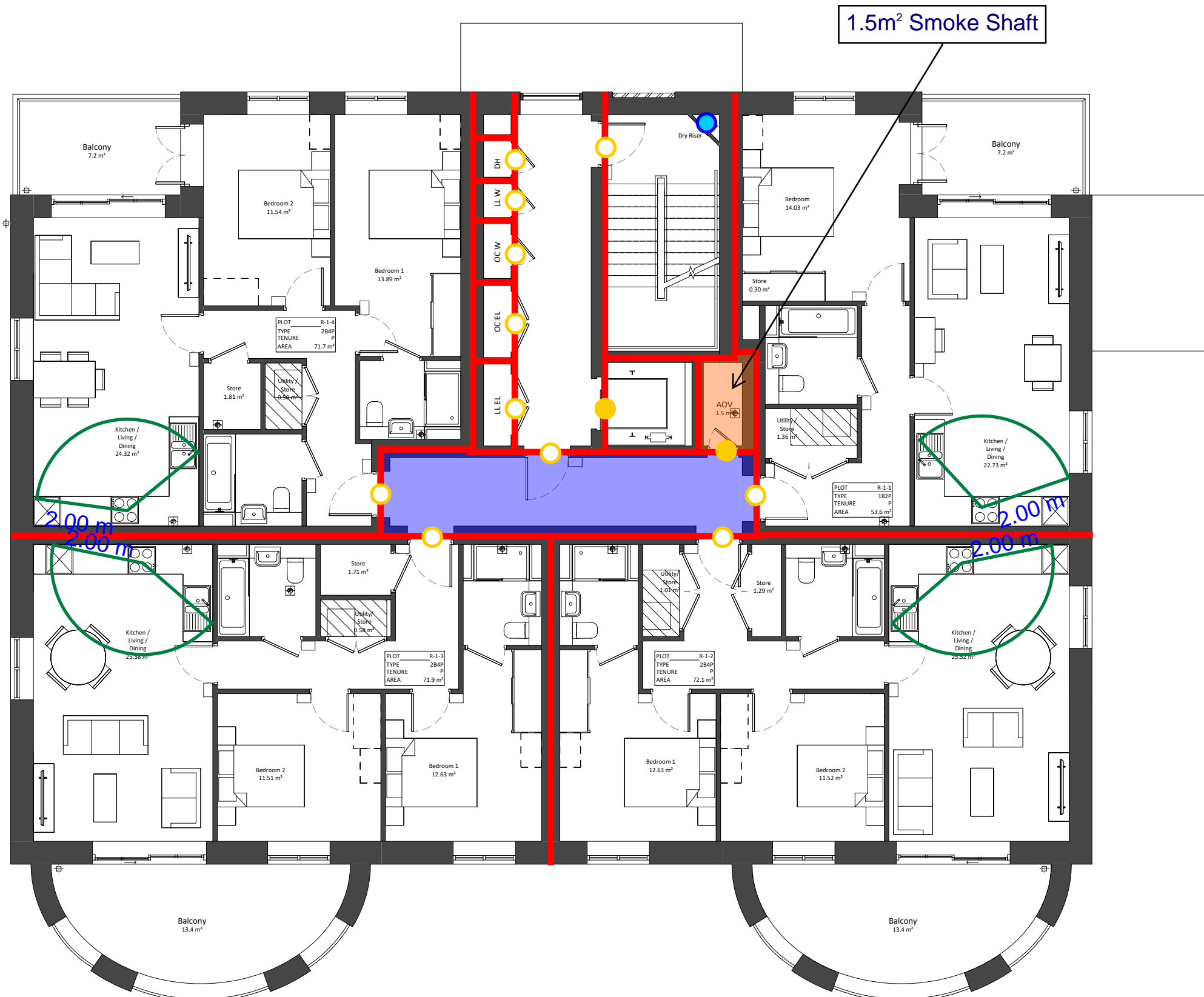




Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block R - Ground Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:				
Alternative Exit	FD30 Door	FD30S Door	30/30/30 FRR	Dry Riser Outlet
FD60 Door	FD60S Door	60/60/60 FRR	Dry Riser Inlet	Fire Hydrant
FD90 Door	FD90S Door	90/90/90 FRR		
FD120 Door	FD120S Door	120/120/120 FRR		





1.5m² Smoke Shaft

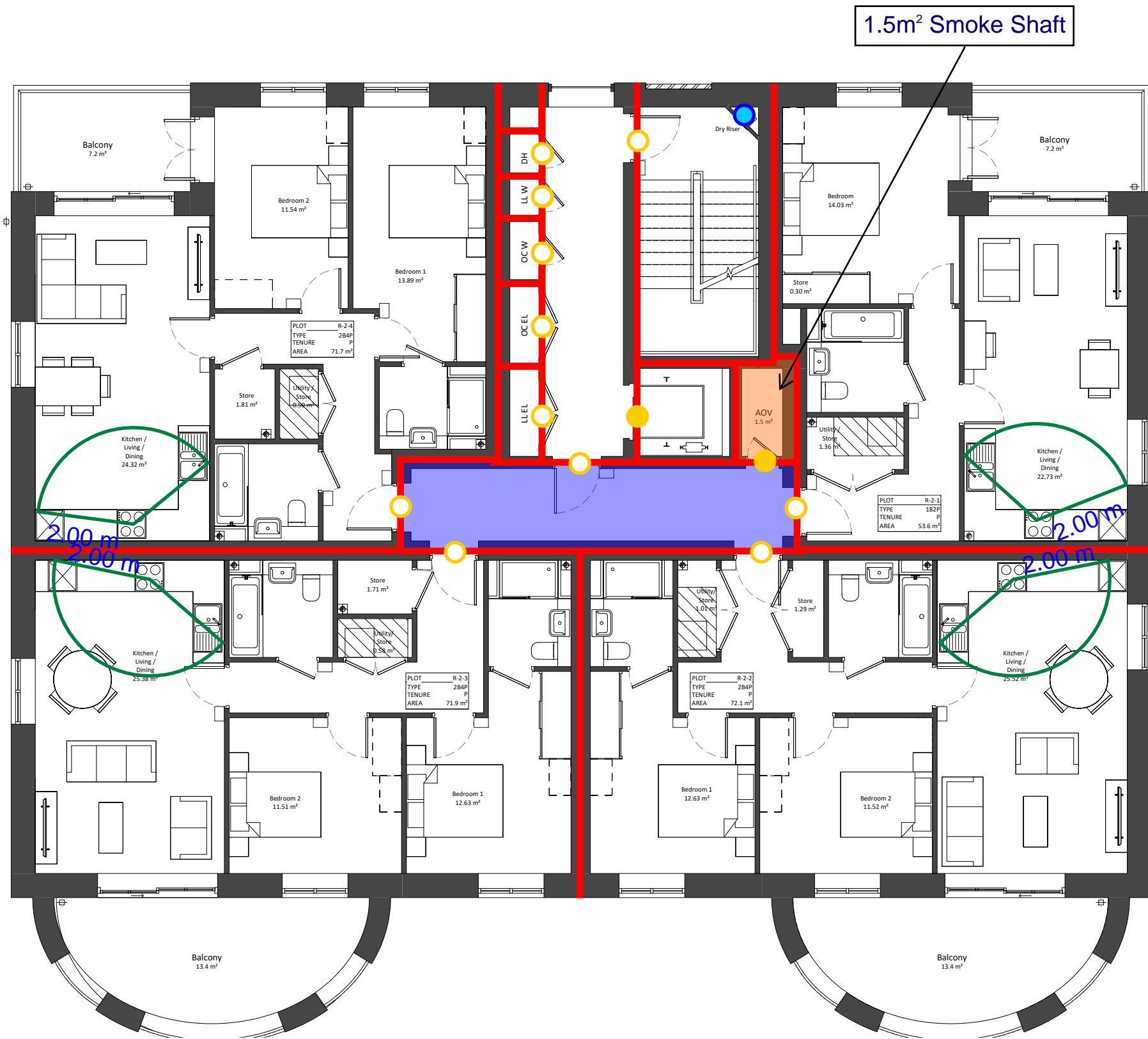
2.00 m
2.00 m

2.00 m
2.00 m

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block R - First Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:		<ul style="list-style-type: none"> ➔ Alternative Exit ● FD30 Door ● FD60 Door ● FD90 Door ● FD120 Door 	<ul style="list-style-type: none"> ○ FD30S Door ○ FD60S Door ○ FD90S Door ○ FD120S Door 	<ul style="list-style-type: none"> 30/30/30 FRR 60/60/60 FRR 90/90/90 FRR 120/120/120 FRR 	<ul style="list-style-type: none"> ● Dry Riser Outlet ● Dry Riser Inlet ● Fire Hydrant
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1.5m² Smoke Shaft

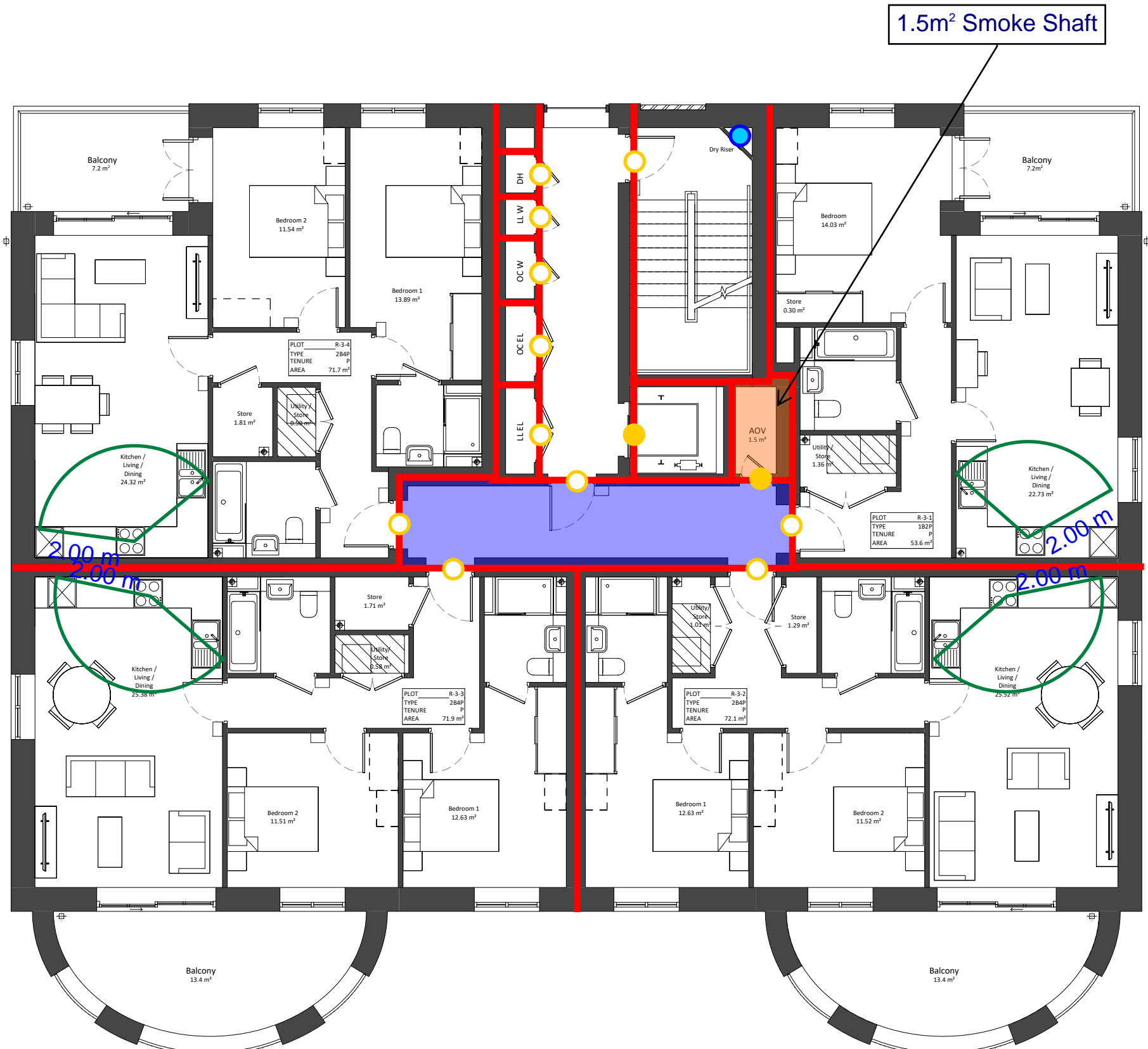
2.00 m
2.00 m

2.00 m
2.00 m

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block R - Second Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:				
Alternative Exit	FD30 Door	FD30S Door	30/30/30 FRR	Dry Riser Outlet
FD60 Door	FD60S Door	60/60/60 FRR	Dry Riser Inlet	Fire Hydrant
FD90 Door	FD90S Door	90/90/90 FRR		
FD120 Door	FD120S Door	120/120/120 FRR		





1.5m² Smoke Shaft

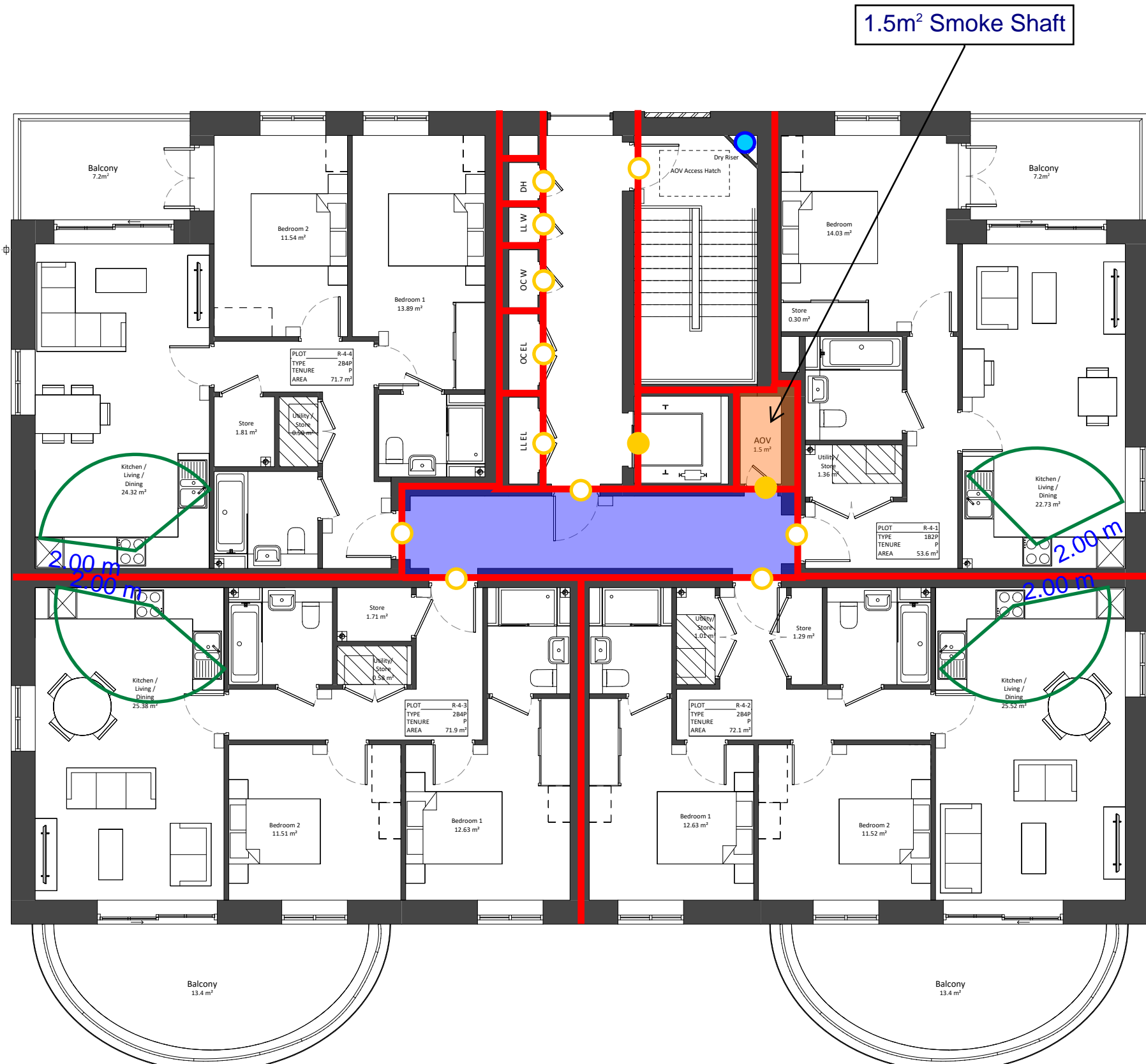
2.00 m
2.00 m

2.00 m
2.00 m

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block R - Third Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:	Alternative Exit	FD30 Door	FD30S Door	30/30/30 FRR	Dry Riser Outlet
	FD60 Door	FD60S Door	60/60/60 FRR	Dry Riser Inlet	Fire Hydrant
	FD90 Door	FD90S Door	90/90/90 FRR		
	FD120 Door	FD120S Door	120/120/120 FRR		

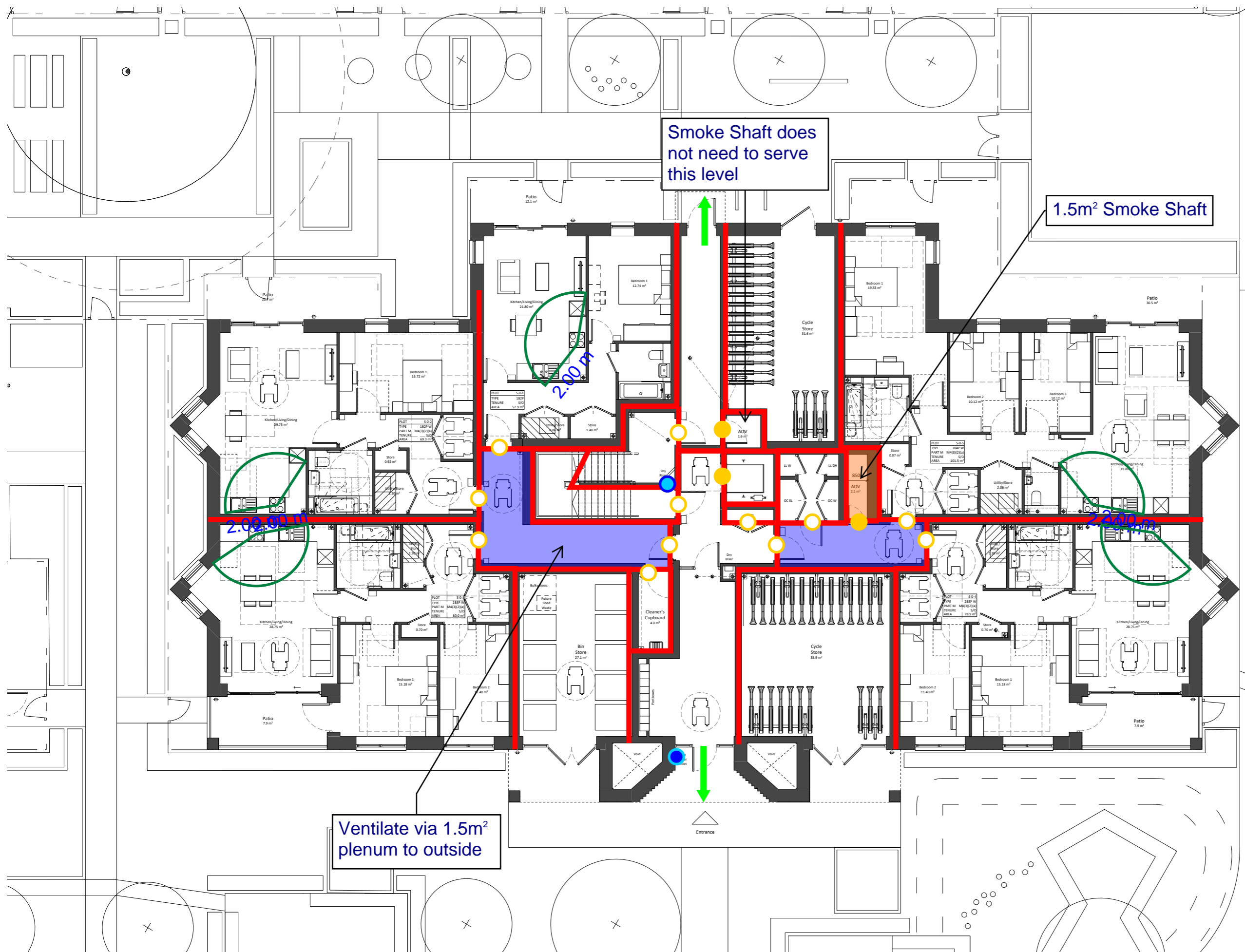




Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block R - Fourth Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:				
Alternative Exit	FD30 Door	FD30S Door	30/30/30 FRR	Dry Riser Outlet
	FD60 Door	FD60S Door	60/60/60 FRR	Dry Riser Inlet
	FD90 Door	FD90S Door	90/90/90 FRR	Fire Hydrant
	FD120 Door	FD120S Door	120/120/120 FRR	





Smoke Shaft does not need to serve this level

1.5m² Smoke Shaft

Ventilate via 1.5m² plenum to outside

2.00m

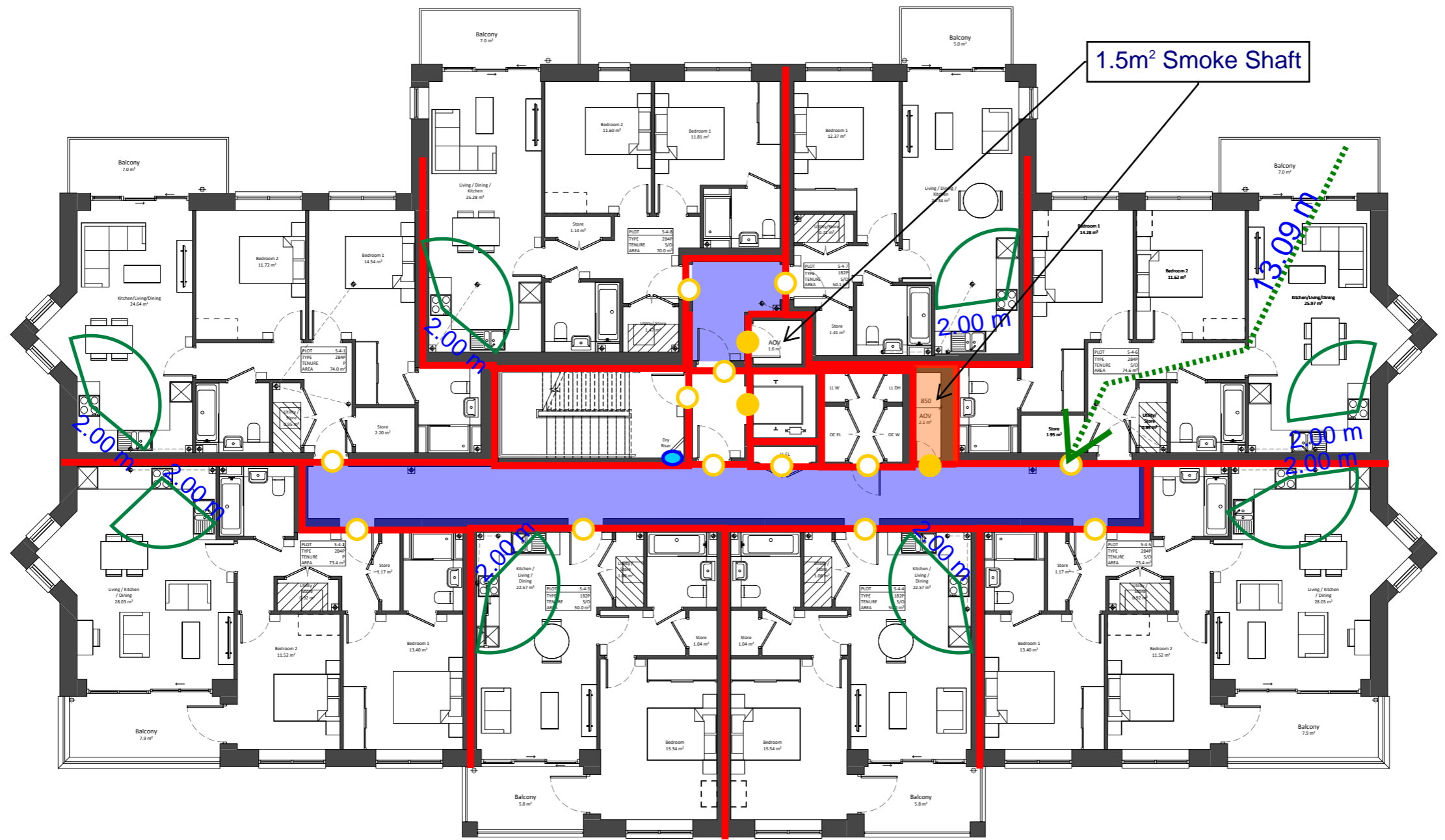
2.00m

Legend:

- Alternative Exit
- FD30 Door
- FD30S Door
- 30/30/30 FRR
- Dry Riser Outlet
- FD60 Door
- FD60S Door
- 60/60/60 FRR
- Dry Riser Inlet
- FD90 Door
- FD90S Door
- 90/90/90 FRR
- Fire Hydrant
- FD120 Door
- FD120S Door
- 120/120/120 FRR



Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block S - Ground Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

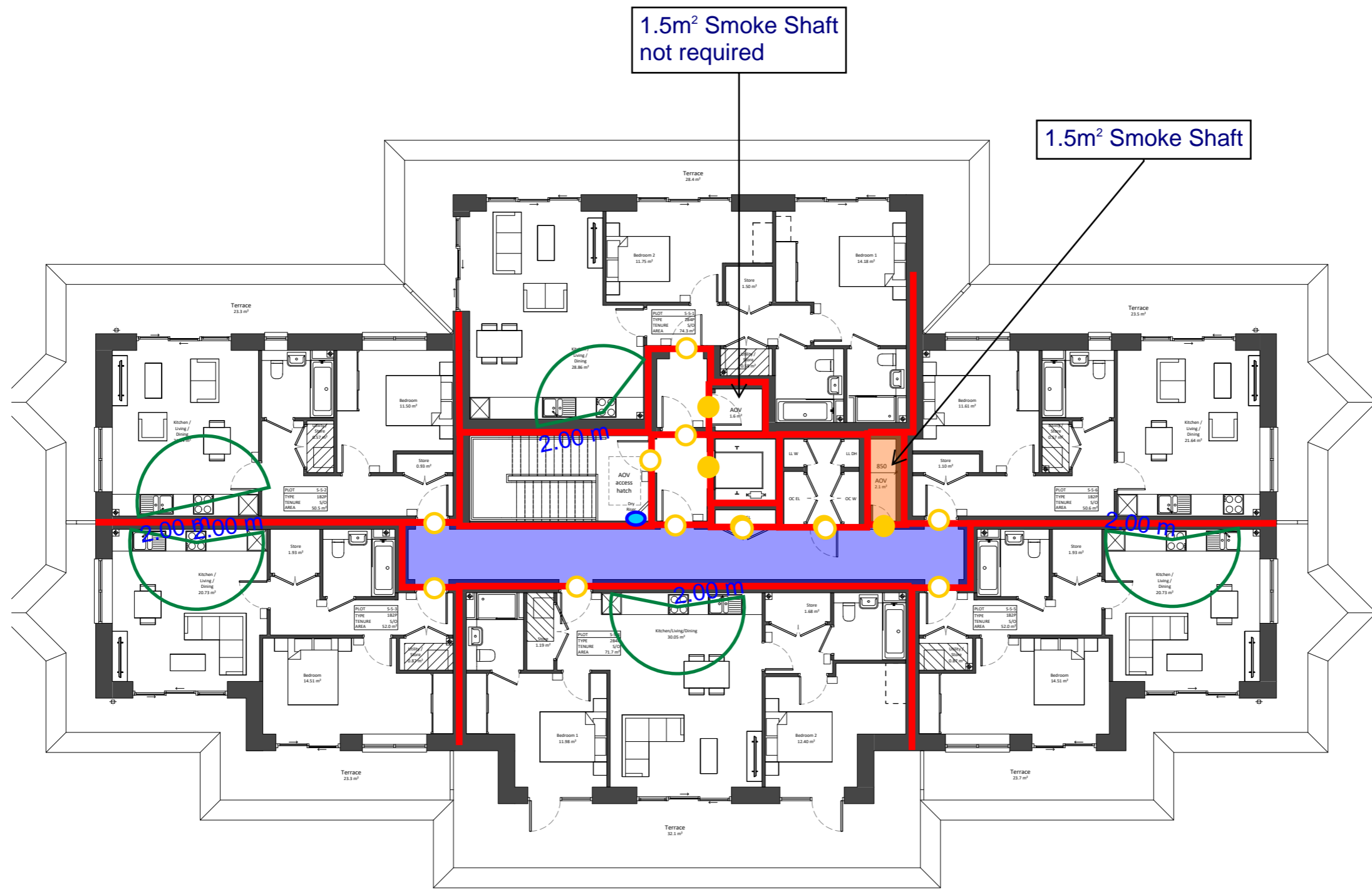


1.5m² Smoke Shaft

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block S - Fourth Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:				
Alternative Exit	FD30 Door	FD30S Door	30/30/30 FRR	Dry Riser Outlet
FD60 Door	FD60S Door	60/60/60 FRR	Dry Riser Inlet	
FD90 Door	FD90S Door	90/90/90 FRR	Fire Hydrant	
FD120 Door	FD120S Door	120/120/120 FRR		





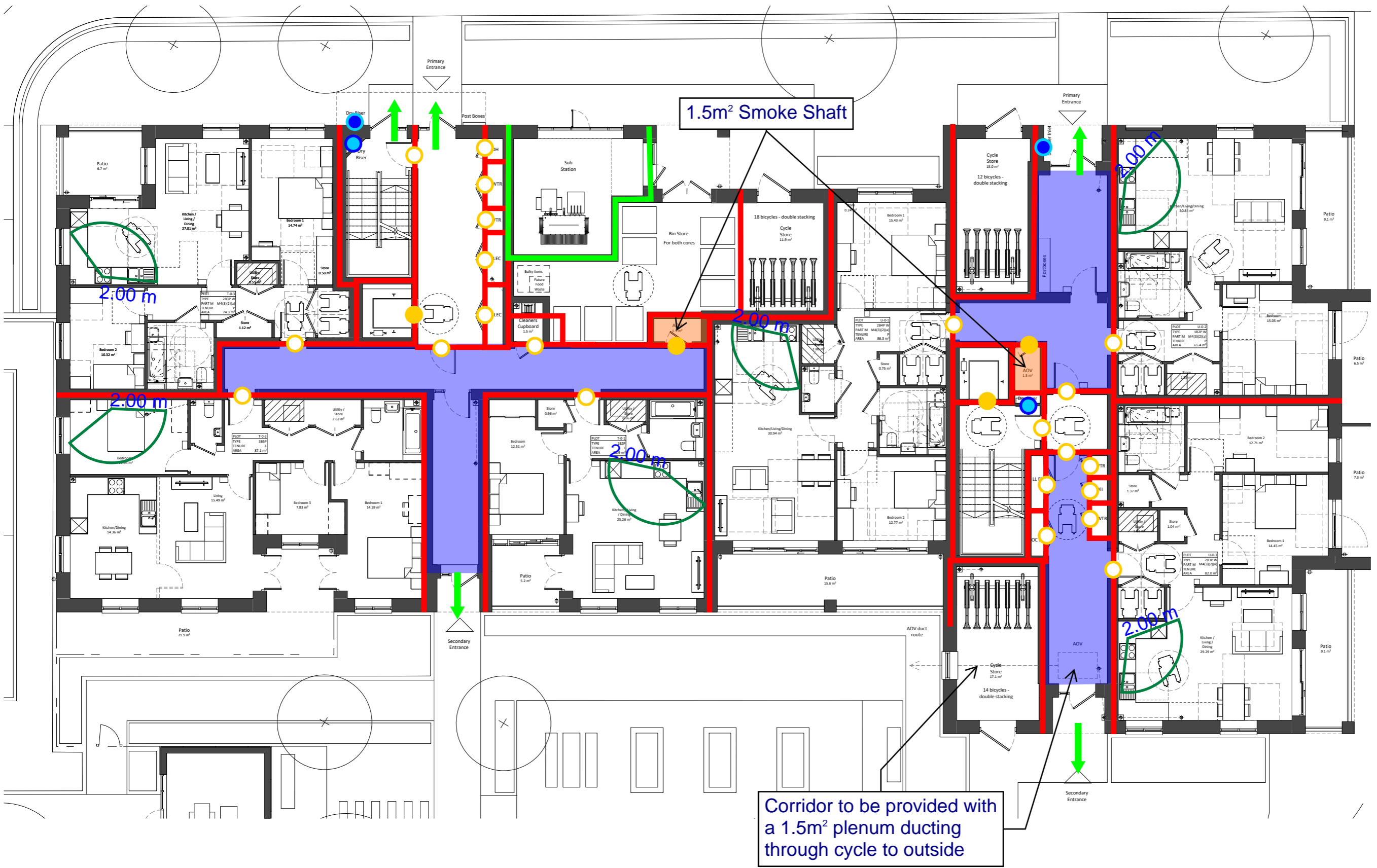
1.5m² Smoke Shaft
not required

1.5m² Smoke Shaft

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block S - Fifth Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:							
	Alternative Exit		FD30 Door		FD30S Door		30/30/30 FRR
			FD60 Door		FD60S Door		60/60/60 FRR
			FD90 Door		FD90S Door		90/90/90 FRR
			FD120 Door		FD120S Door		120/120/120 FRR
							Dry Riser Outlet
							Dry Riser Inlet
							Fire Hydrant





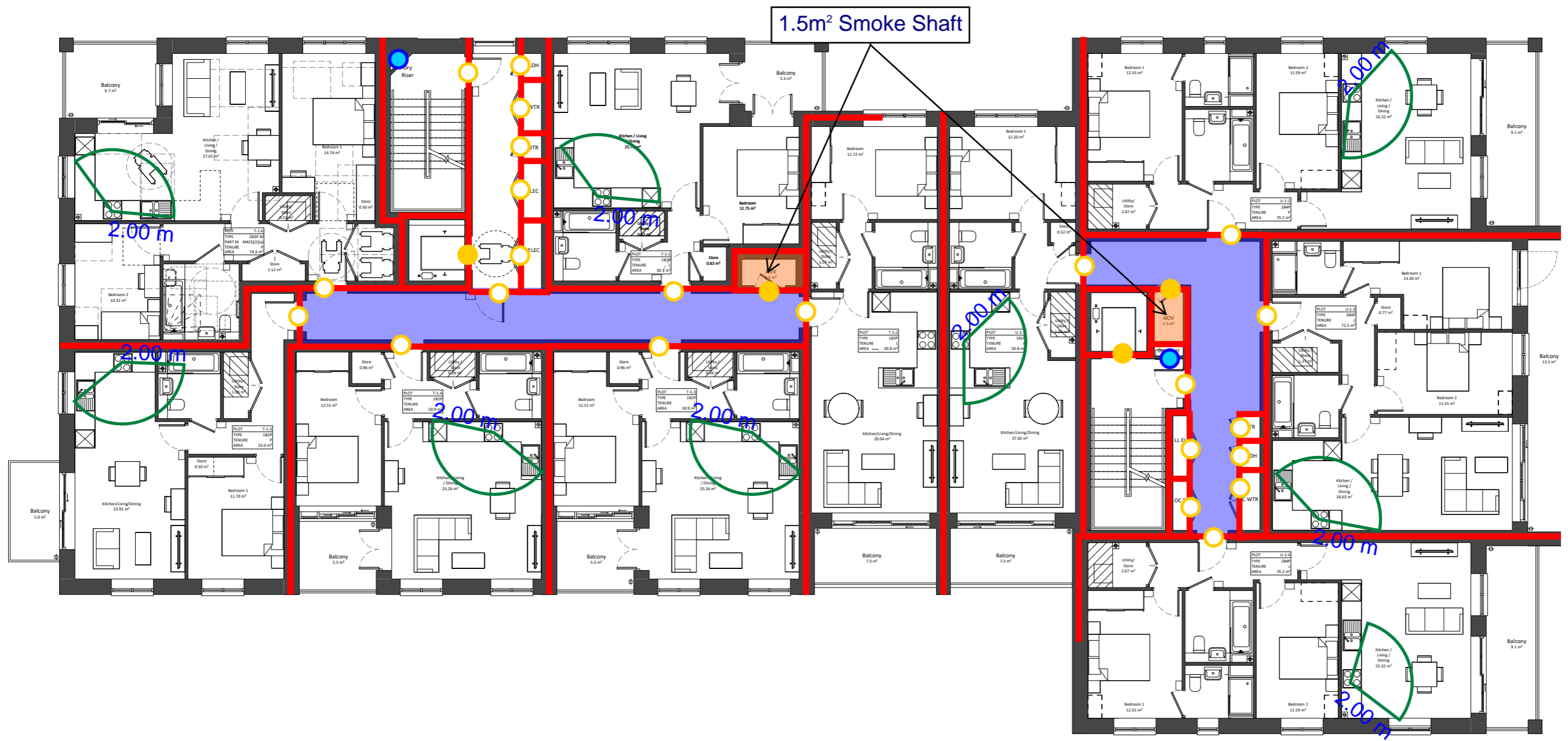
1.5m² Smoke Shaft

Corridor to be provided with a 1.5m² plenum ducting through cycle to outside

Project Name:	Ham Close, Richmond - Residential						
Drawing Name:	Block TU - Ground Floor						
Drawing Reference:	AFF_20700_01_Ham Close, Richmond - Residential_FSD_03						
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:					
	Alternative Exit		FD30 Door		FD30S Door
	240/240/240 FRR		FD60 Door		FD60S Door
			FD90 Door		FD90S Door
			FD120 Door		FD120S Door
			30/30/30 FRR		60/60/60 FRR
			90/90/90 FRR		120/120/120 FRR
			Dry Riser Outlet		Dry Riser Inlet
			Fire Hydrant		





1.5m² Smoke Shaft

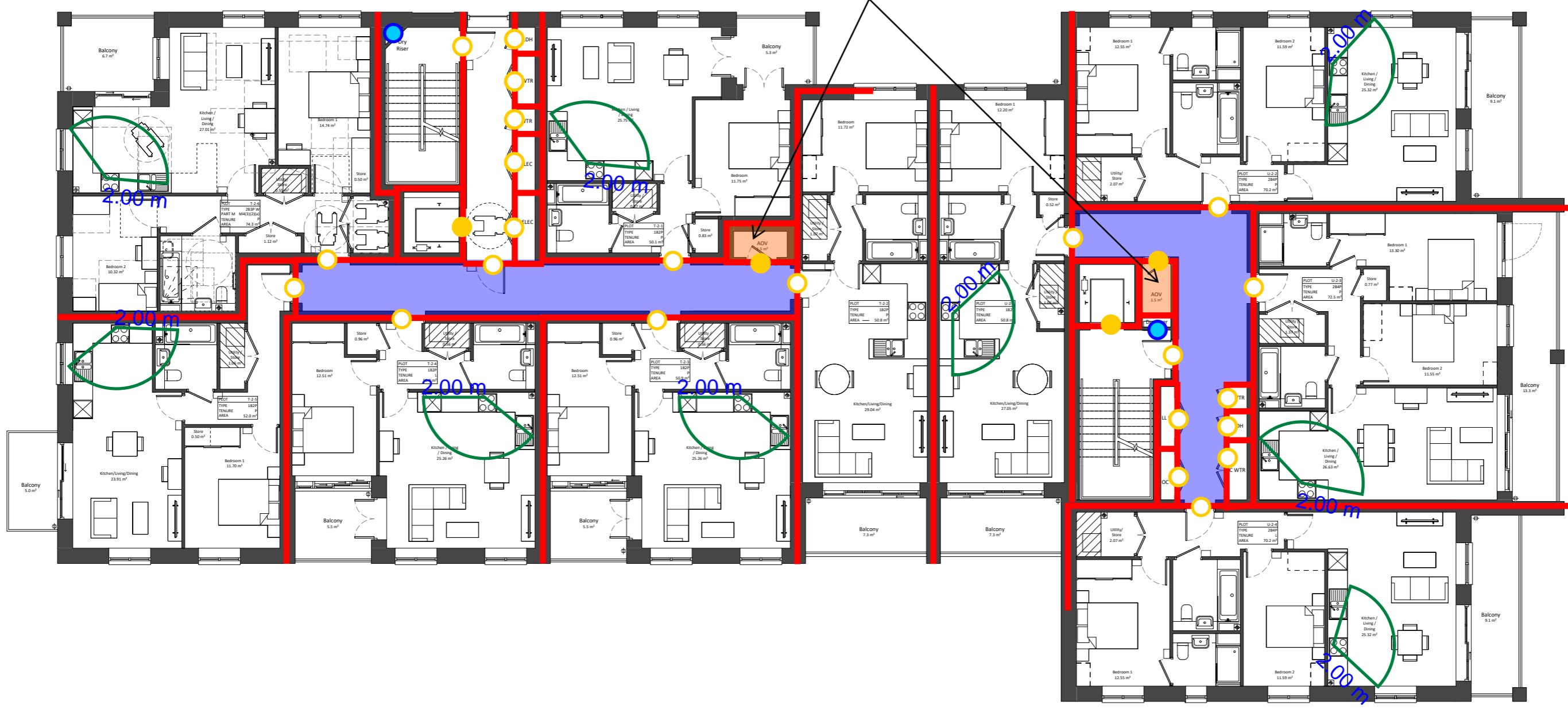
Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block TU - First Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:					
Alternative Exit	FD30 Door	FD30S Door	30/30/30 FRR	Dry Riser Outlet	
	FD60 Door	FD60S Door	60/60/60 FRR	Dry Riser Inlet	
	FD90 Door	FD90S Door	90/90/90 FRR	Fire Hydrant	
	FD120 Door	FD120S Door	120/120/120 FRR		



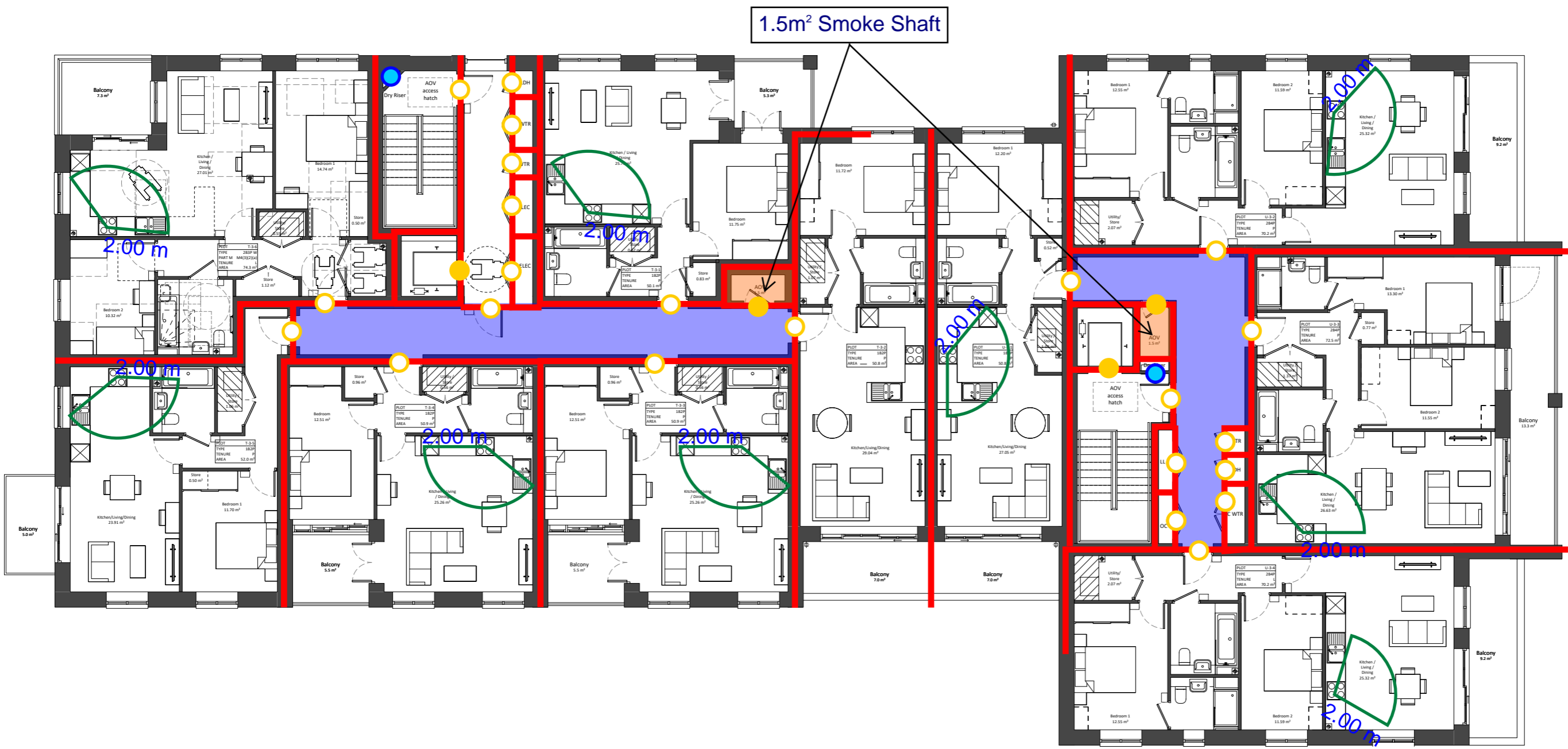


1.5m² Smoke Shaft



Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block TU - Second Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

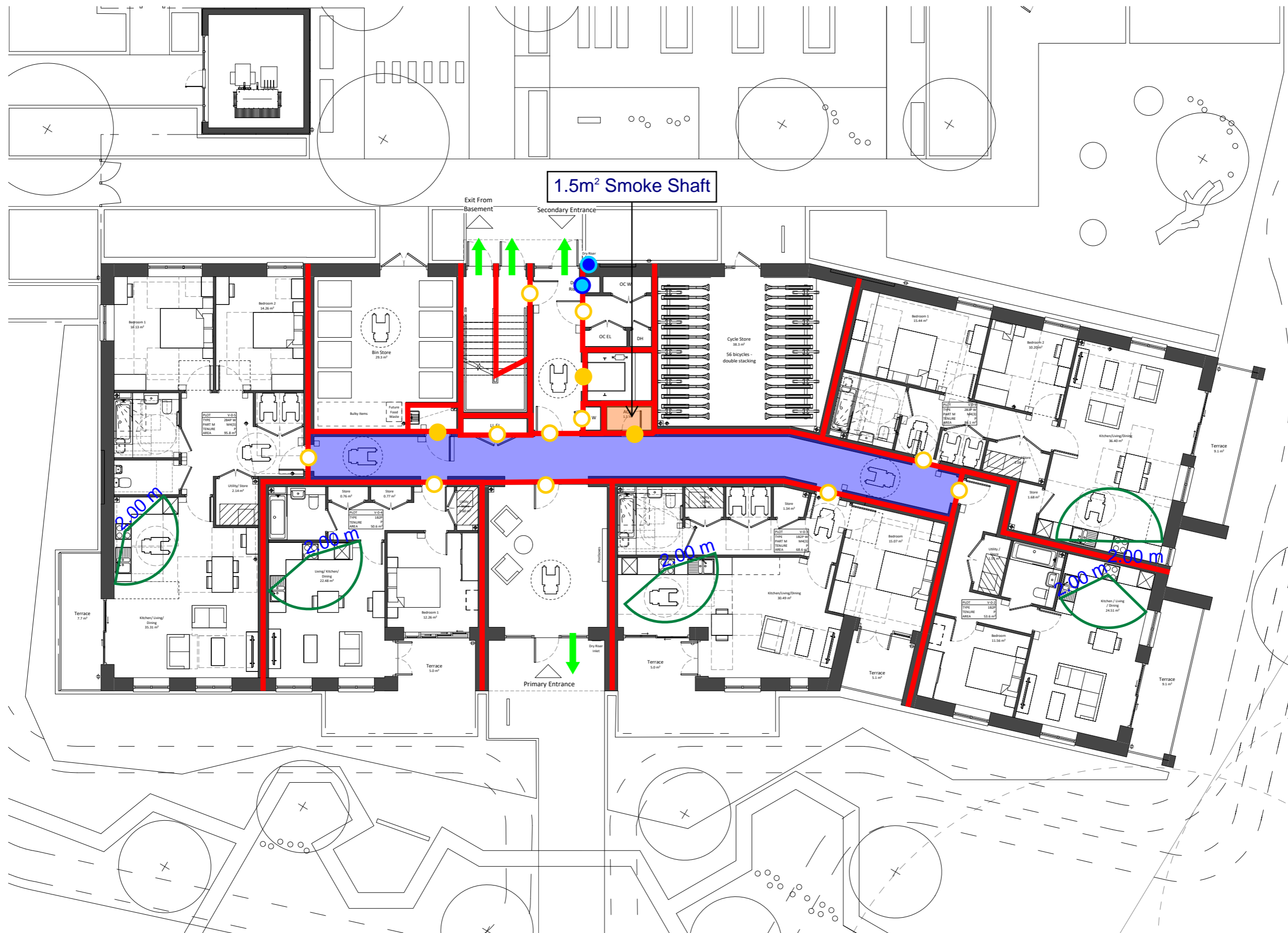
Legend:		Alternative Exit FD30 Door FD60 Door FD90 Door FD120 Door		FD30S Door FD60S Door FD90S Door FD120S Door		30/30/30 FRR 60/60/60 FRR 90/90/90 FRR 120/120/120 FRR		Dry Riser Outlet Dry Riser Inlet Fire Hydrant	
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Project Name:	Ham Close, Richmond - Residential						
Drawing Name:	Block TU - Third Floor						
Drawing Reference:	AFF_20700_01_Ham Close, Richmond - Residential_FSD_03						
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Alternative Exit	FD30 Door	FD30S Door	FD60 Door	FD60S Door	30/30/30 FRR	Dry Riser Outlet
FD90 Door	FD90S Door	60/60/60 FRR	FD120 Door	FD120S Door	90/90/90 FRR	Dry Riser Inlet
		120/120/120 FRR				Fire Hydrant

AFFINITY
 FIRE ENGINEERING



1.5m² Smoke Shaft

Exit From Basement

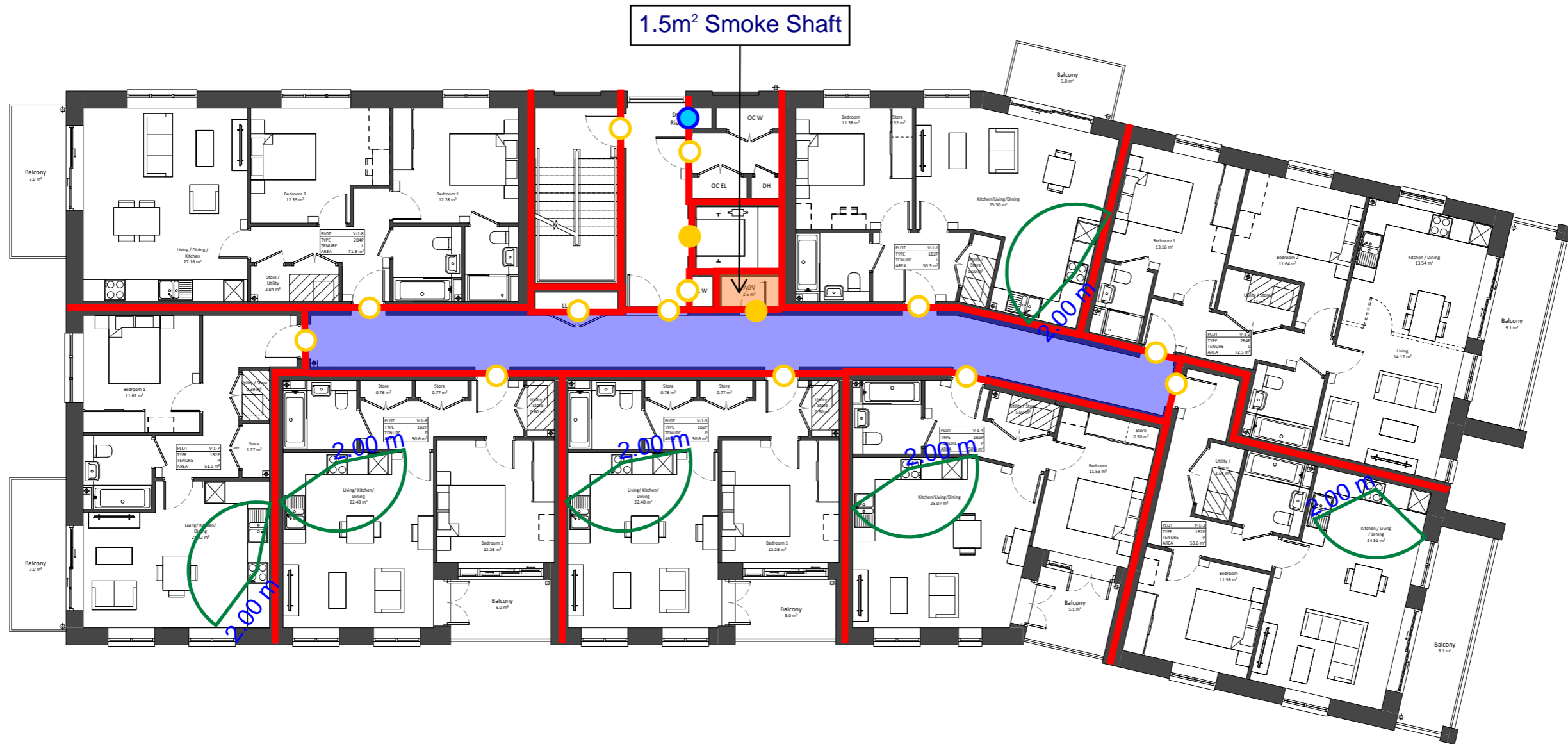
Secondary Entrance

Primary Entrance

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block V - Ground Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:					
	Alternative Exit		FD30 Door		FD30S Door
			FD60 Door		FD60S Door
			FD90 Door		FD90S Door
			FD120 Door		FD120S Door
			30/30/30 FRR		60/60/60 FRR
			90/90/90 FRR		120/120/120 FRR
			Dry Riser Outlet		Dry Riser Inlet
			Fire Hydrant		



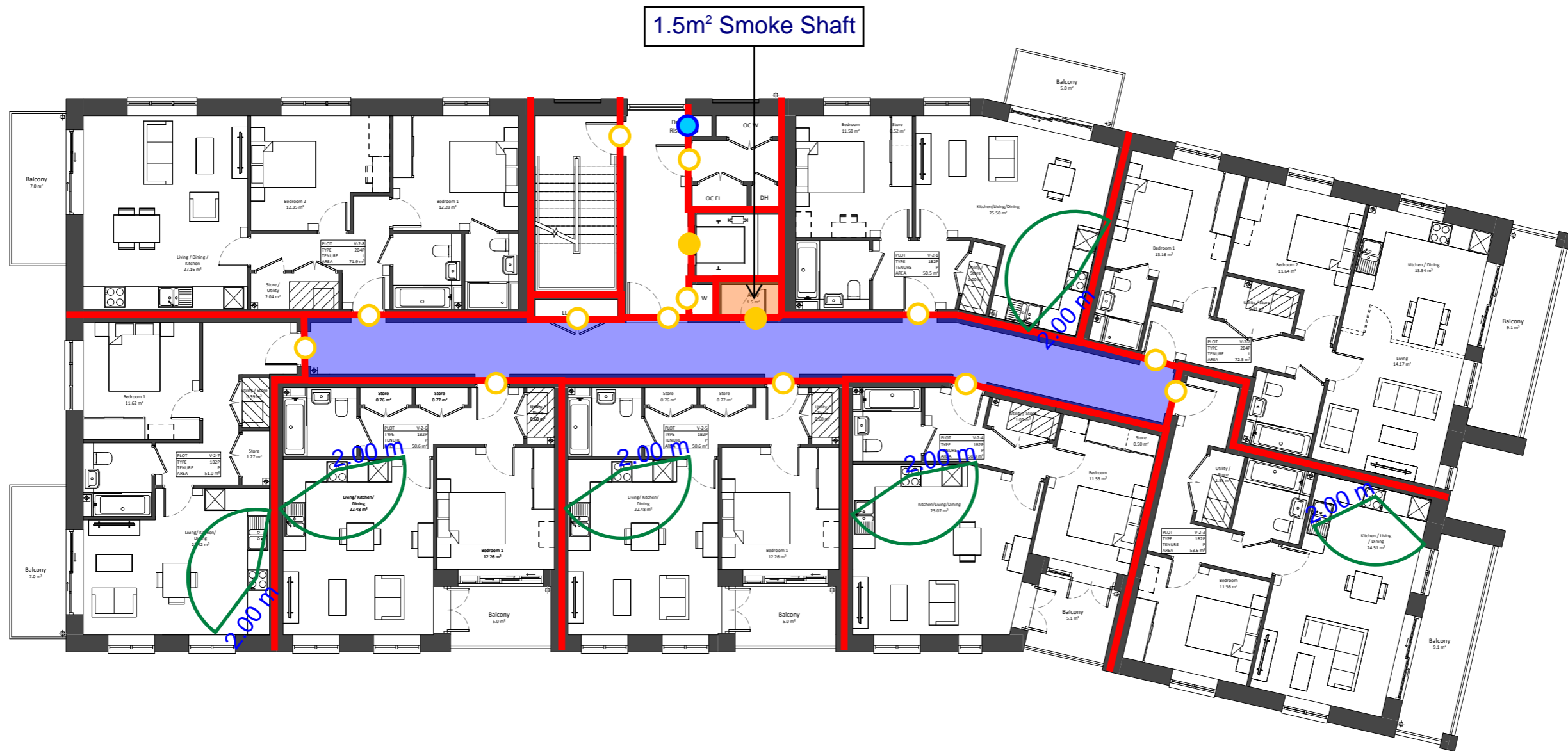


1.5m² Smoke Shaft

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block V - First Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:				
Alternative Exit	FD30 Door	FD30S Door	30/30/30 FRR	Dry Riser Outlet
FD60 Door	FD60S Door	FD90S Door	60/60/60 FRR	Dry Riser Inlet
FD90 Door	FD90S Door	FD120S Door	90/90/90 FRR	Fire Hydrant
FD120 Door	FD120S Door	120/120/120 FRR		





1.5m² Smoke Shaft

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block V - Second Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

Legend:				
Alternative Exit	FD30 Door	FD30S Door	30/30/30 FRR	Dry Riser Outlet
	FD60 Door	FD60S Door	60/60/60 FRR	Dry Riser Inlet
	FD90 Door	FD90S Door	90/90/90 FRR	Fire Hydrant
	FD120 Door	FD120S Door	120/120/120 FRR	

