

1.5m<sup>2</sup> Smoke Shaft

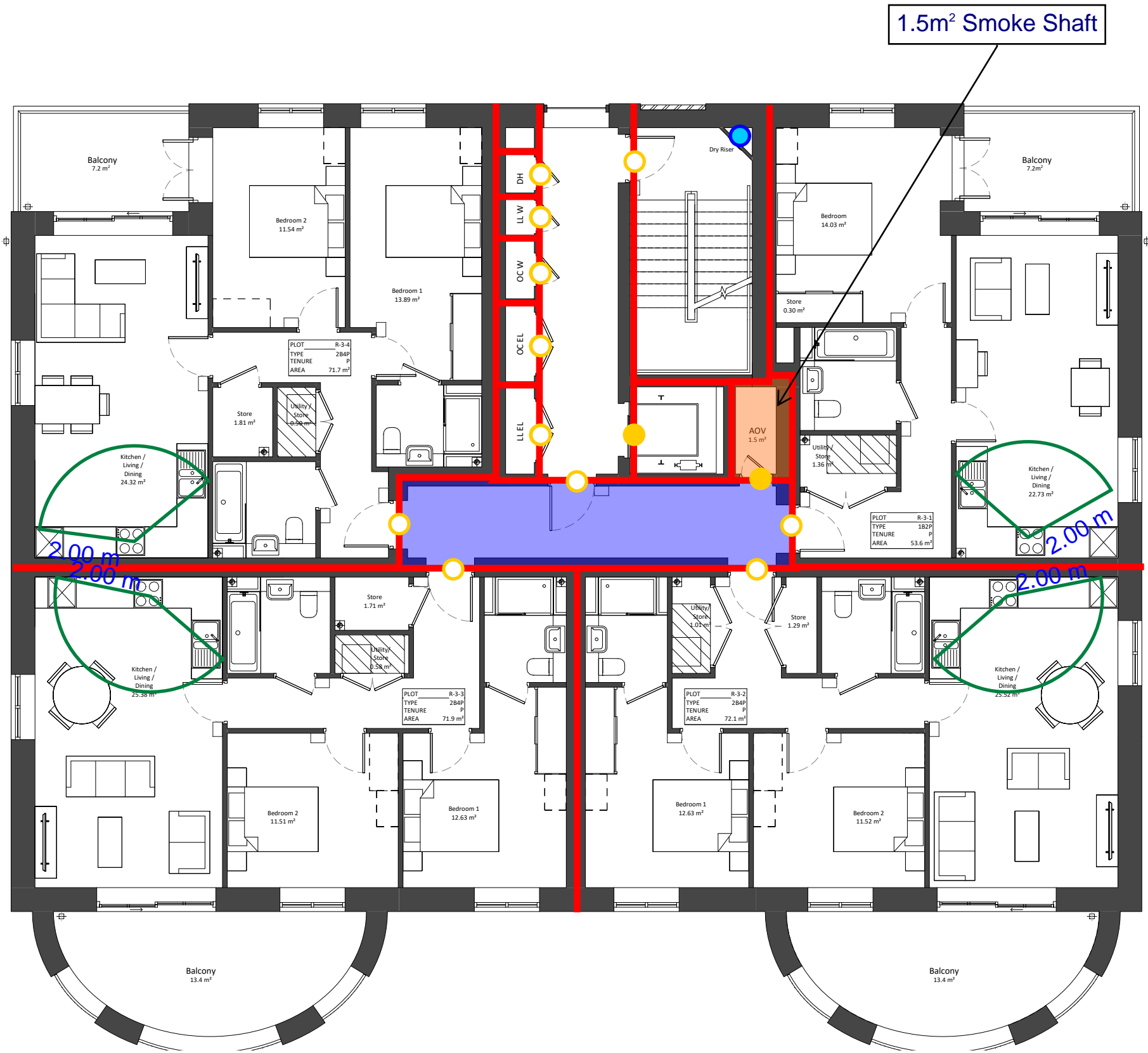
2.00 m  
2.00 m

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
	FD90 Door	FD90S Door	90/90/90 FRR	Fire Hydrant
	FD120 Door	FD120S Door	120/120/120 FRR	





1.5m<sup>2</sup> Smoke Shaft

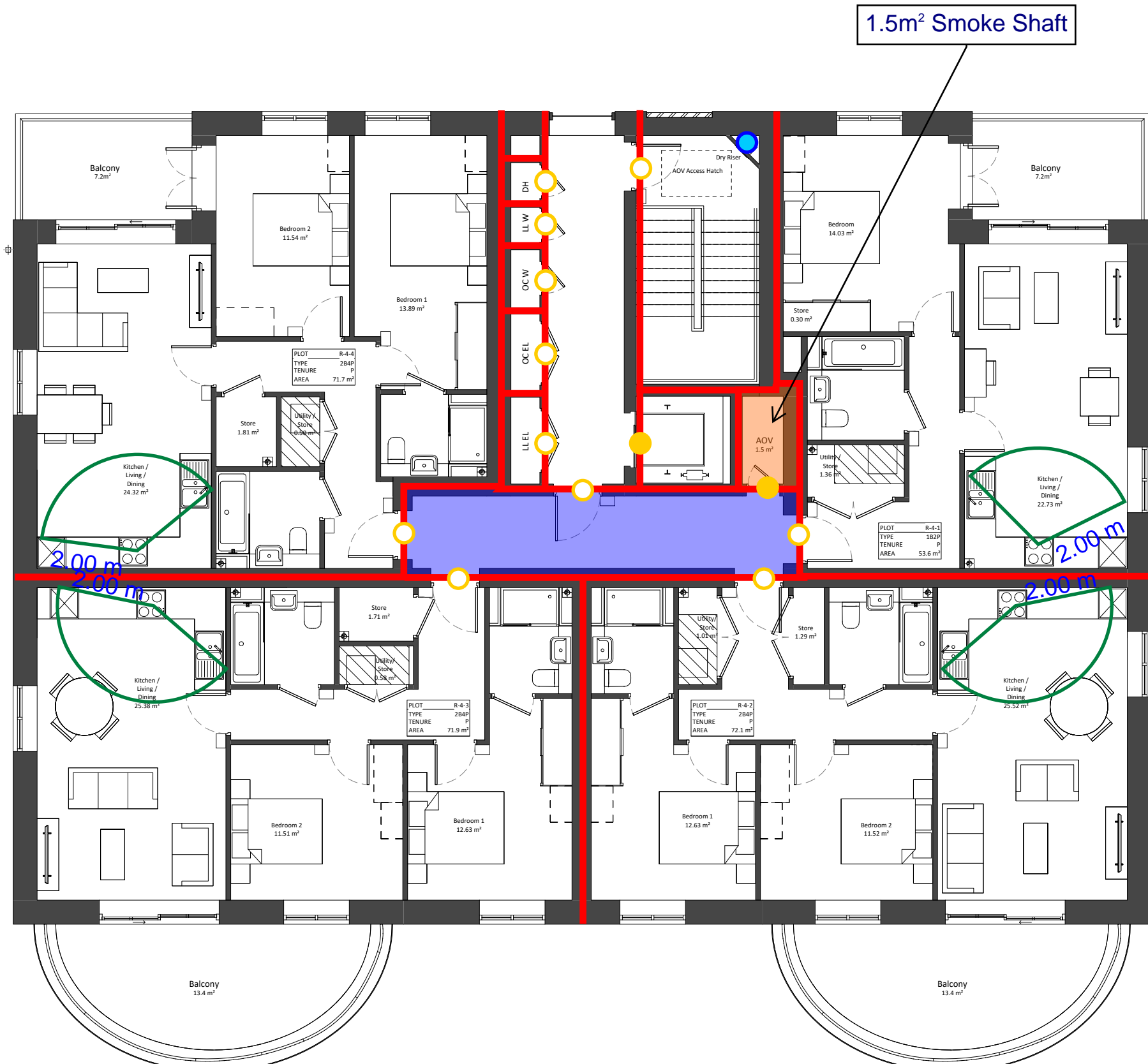
2.00 m  
2.00 m

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	
	FD90 Door	FD90S Door	90/90/90 FRR	Fire Hydrant	
	FD120 Door	FD120S Door	120/120/120 FRR		





1.5m<sup>2</sup> Smoke Shaft

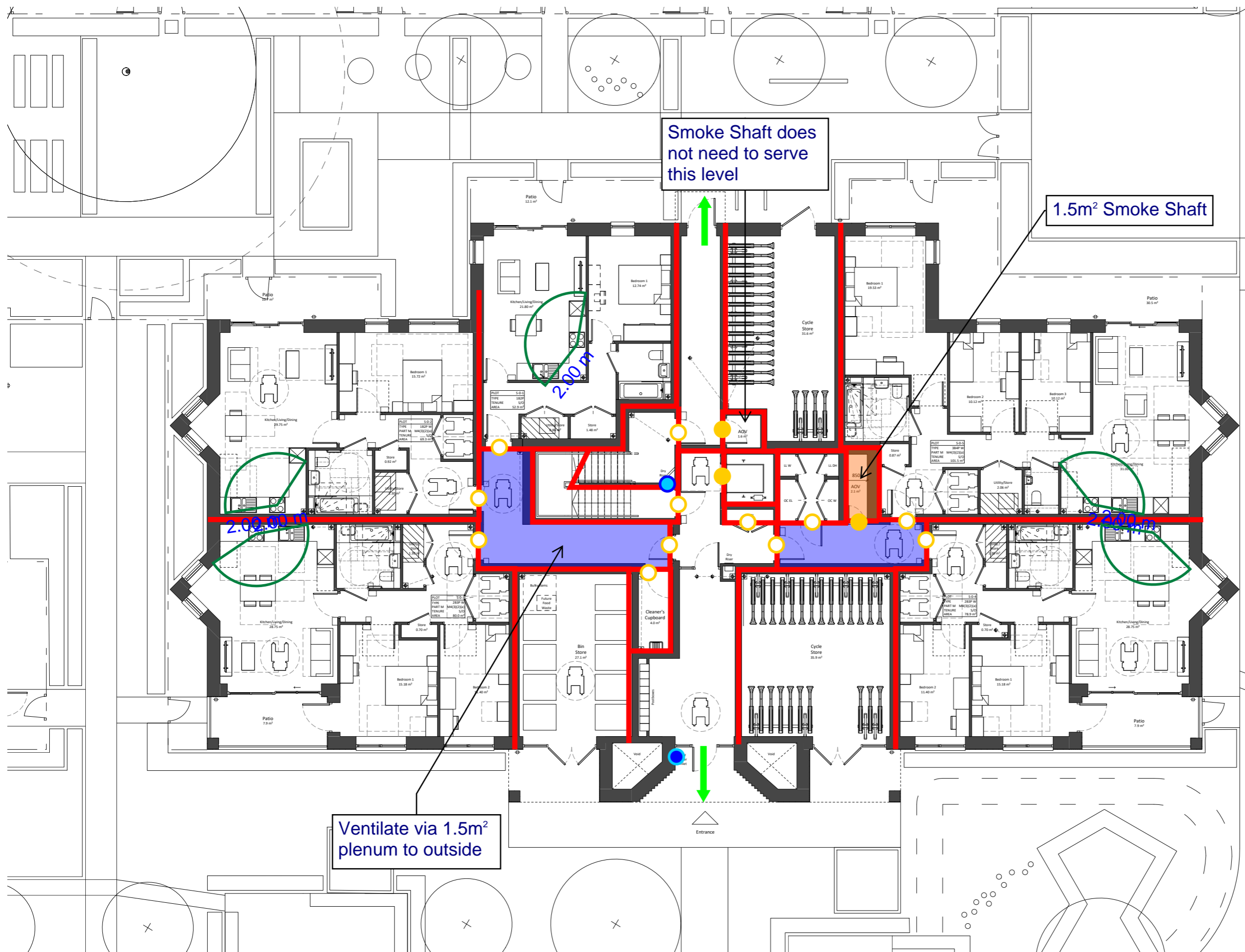
2.00 m  
2.00 m

2.00 m  
2.00 m

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:		<ul style="list-style-type: none"> <li><span style="color: green;">▼</span> Alternative Exit</li> <li><span style="color: yellow;">●</span> FD30 Door</li> <li><span style="color: red;">●</span> FD60 Door</li> <li><span style="color: magenta;">●</span> FD90 Door</li> <li><span style="color: blue;">●</span> FD120 Door</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: yellow;">○</span> FD30S Door</li> <li><span style="color: red;">○</span> FD60S Door</li> <li><span style="color: magenta;">○</span> FD90S Door</li> <li><span style="color: blue;">○</span> FD120S Door</li> </ul>	<ul style="list-style-type: none"> <li><span style="border-bottom: 2px solid yellow; width: 20px; display: inline-block;"></span> 30/30/30 FRR</li> <li><span style="border-bottom: 2px solid red; width: 20px; display: inline-block;"></span> 60/60/60 FRR</li> <li><span style="border-bottom: 2px solid magenta; width: 20px; display: inline-block;"></span> 90/90/90 FRR</li> <li><span style="border-bottom: 2px solid blue; width: 20px; display: inline-block;"></span> 120/120/120 FRR</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: blue;">●</span> Dry Riser Outlet</li> <li><span style="color: cyan;">●</span> Dry Riser Inlet</li> <li><span style="color: orange;">●</span> Fire Hydrant</li> </ul>
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Smoke Shaft does not need to serve this level

1.5m<sup>2</sup> Smoke Shaft

Ventilate via 1.5m<sup>2</sup> plenum to outside

2.00m

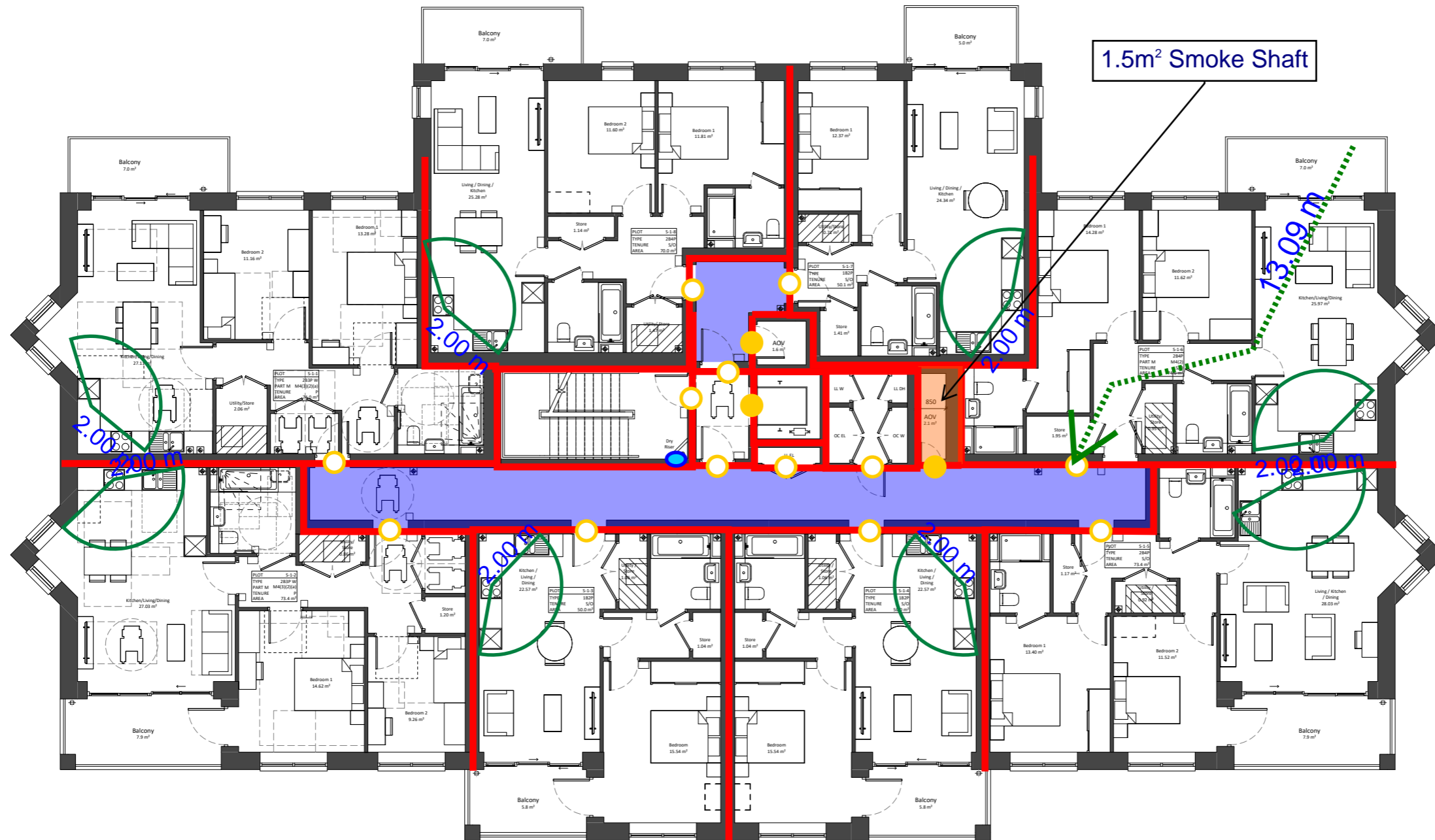
2.00m

**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



1.5m<sup>2</sup> Smoke Shaft

13.09m

2.00m

2.00m

2.00m

2.00m

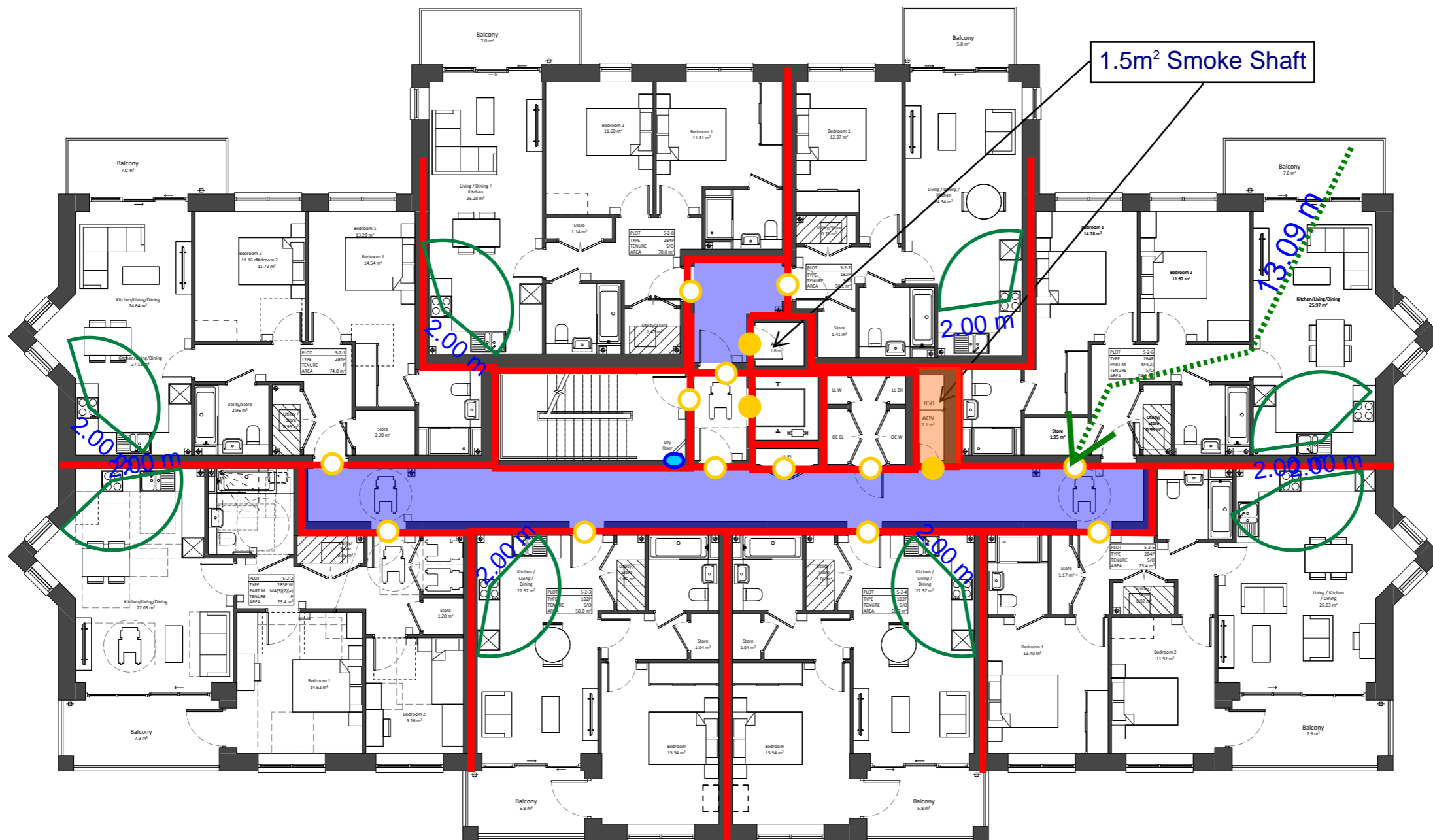
2.00m

2.00m

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block S - 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
	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

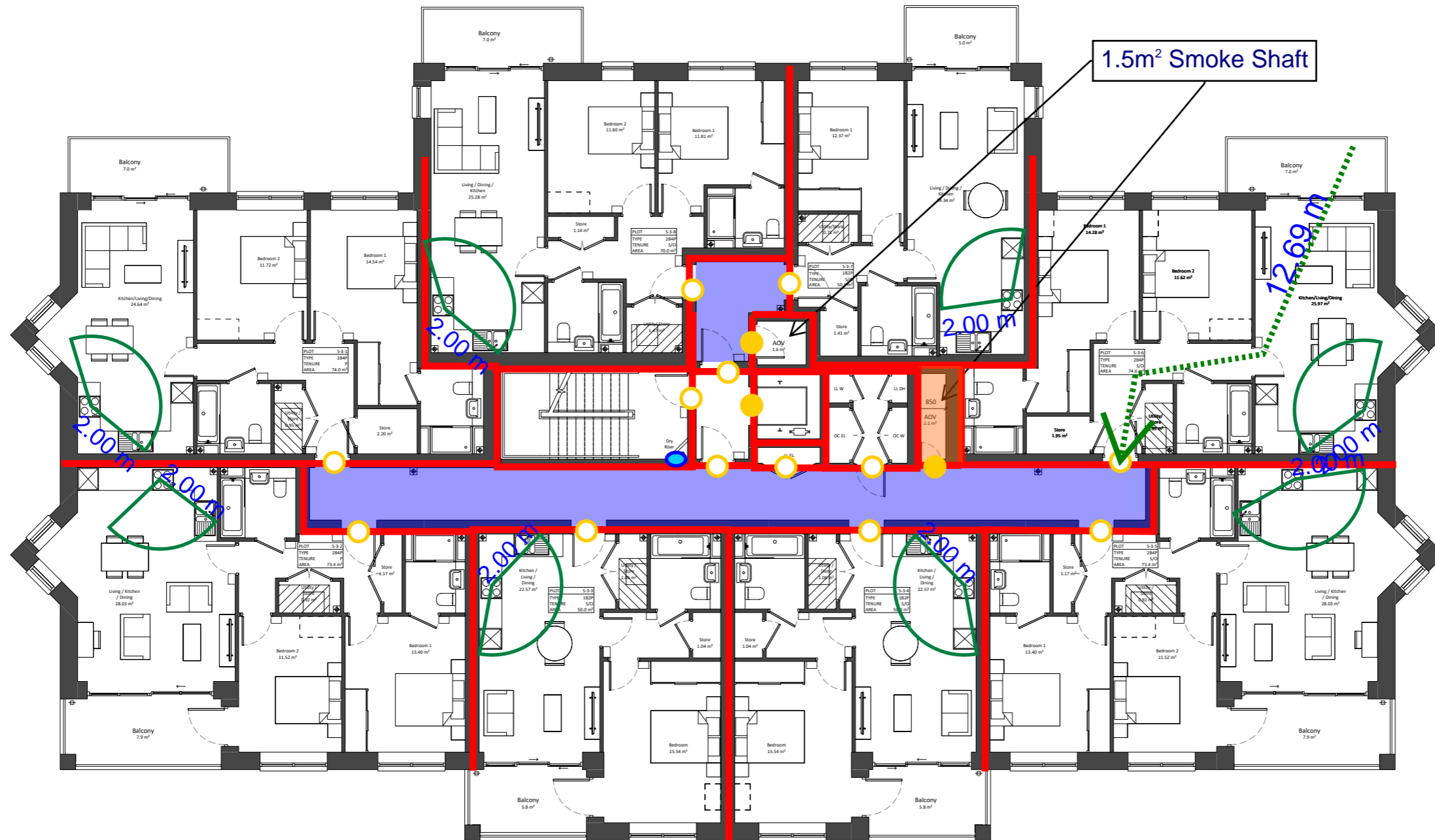




Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block S - Second Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

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				





1.5m<sup>2</sup> Smoke Shaft

12.69m

2.00m

2.00m

2.00m

2.00m

2.00m

2.00m

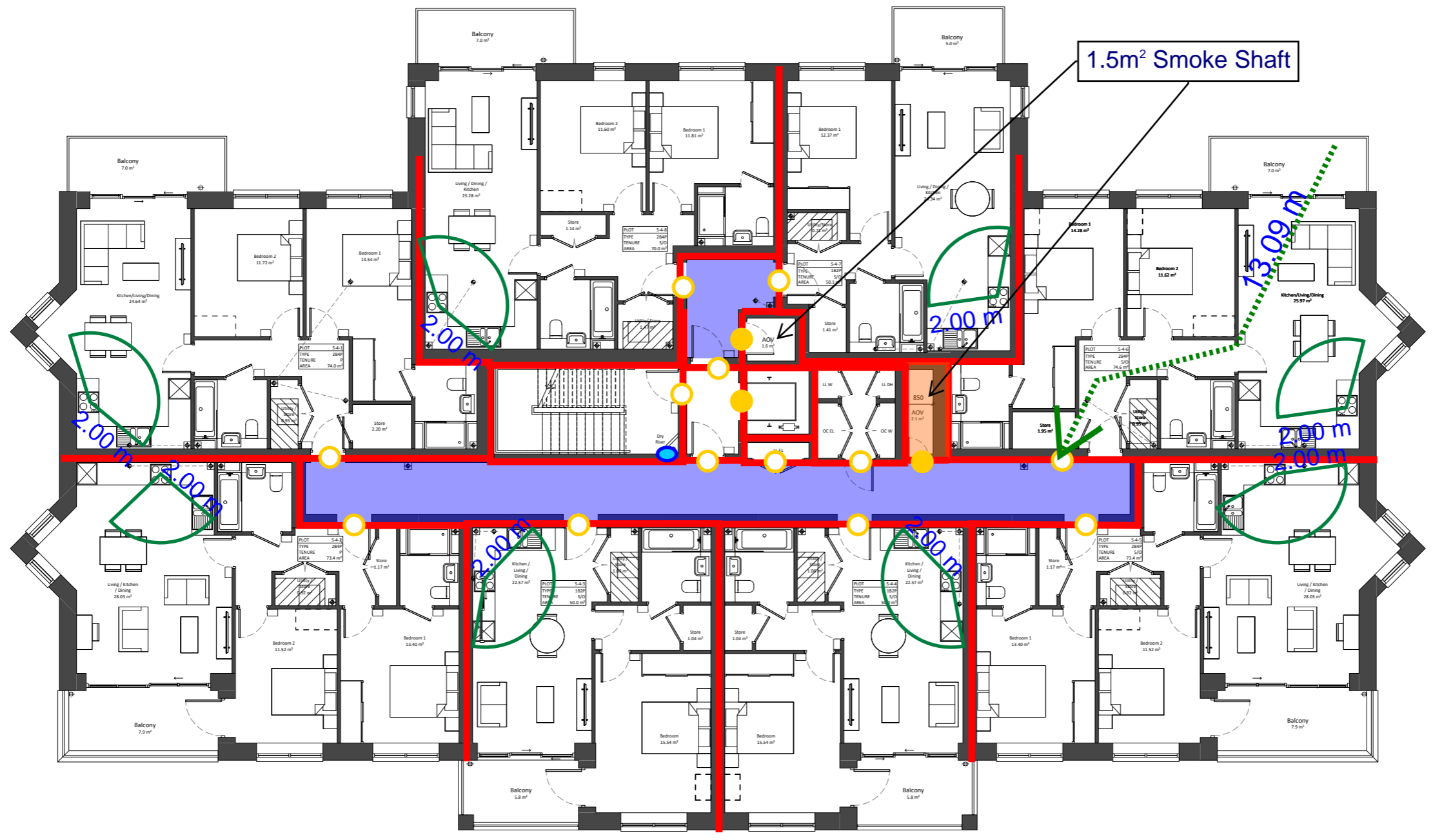
2.00m

2.00m

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block S - 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:		FD30 Door		FD30S Door		30/30/30 FRR		Dry Riser Outlet	
Alternative Exit		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			





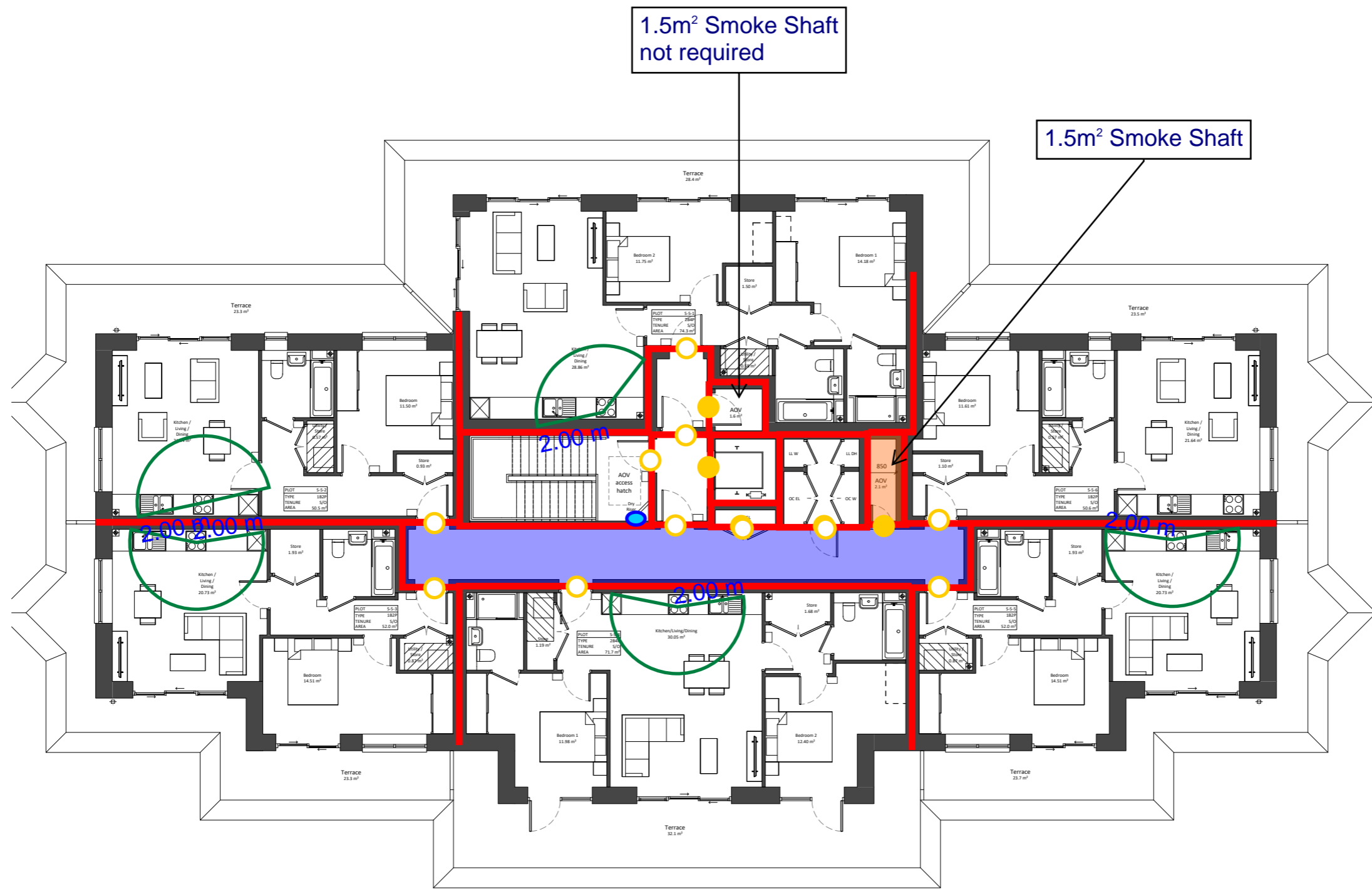
1.5m<sup>2</sup> Smoke Shaft

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
			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		







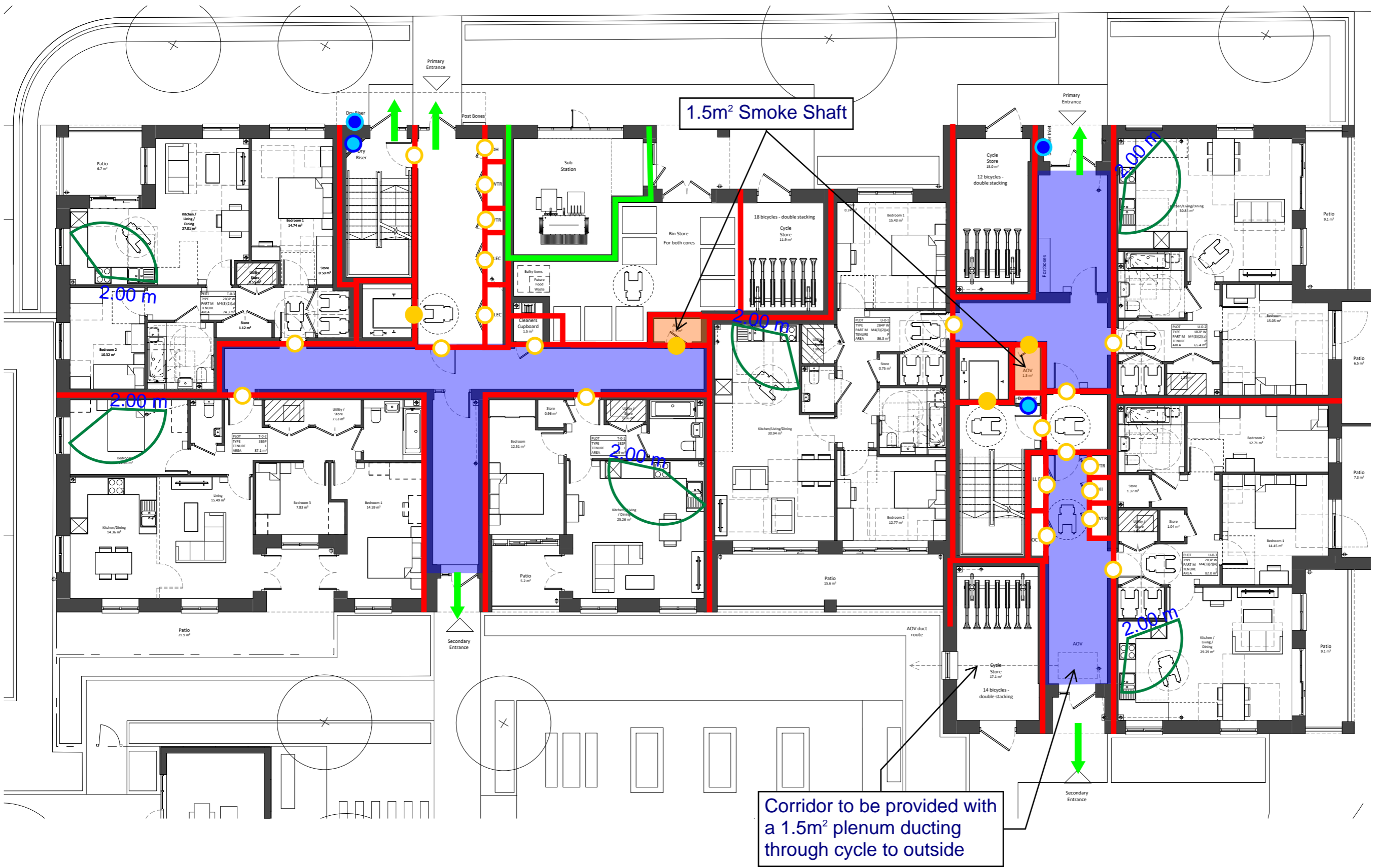
1.5m<sup>2</sup> Smoke Shaft  
not required

1.5m<sup>2</sup> 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





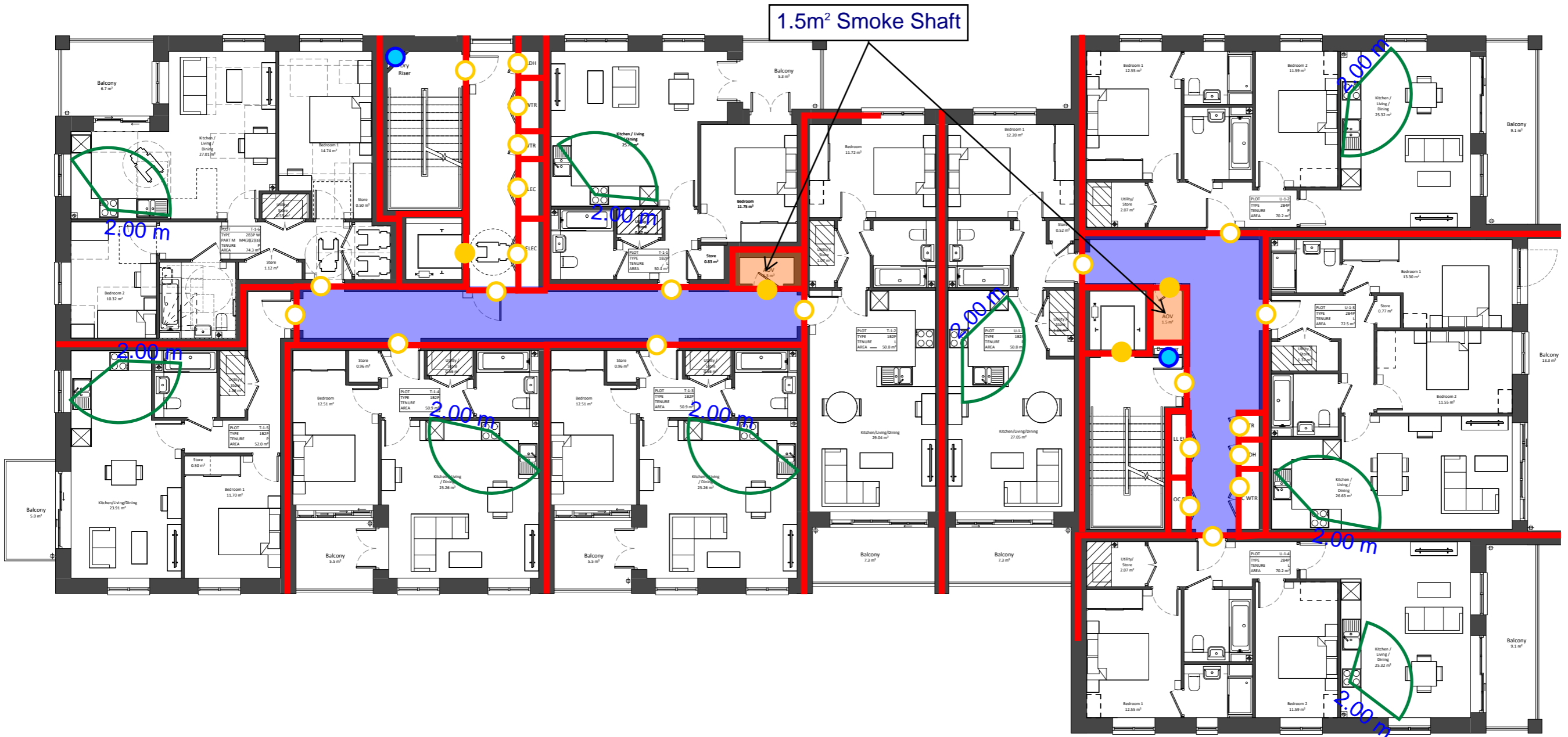
1.5m<sup>2</sup> Smoke Shaft

Corridor to be provided with a 1.5m<sup>2</sup> 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
240/240/240 FRR	FD60 Door
FD120 Door	FD60S Door
FD30S Door	FD90S Door
FD30S Door	FD120S Door
30/30/30 FRR	60/60/60 FRR
60/60/60 FRR	90/90/90 FRR
90/90/90 FRR	120/120/120 FRR
Dry Riser Outlet	Dry Riser Inlet
Fire Hydrant	





1.5m<sup>2</sup> 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
			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		



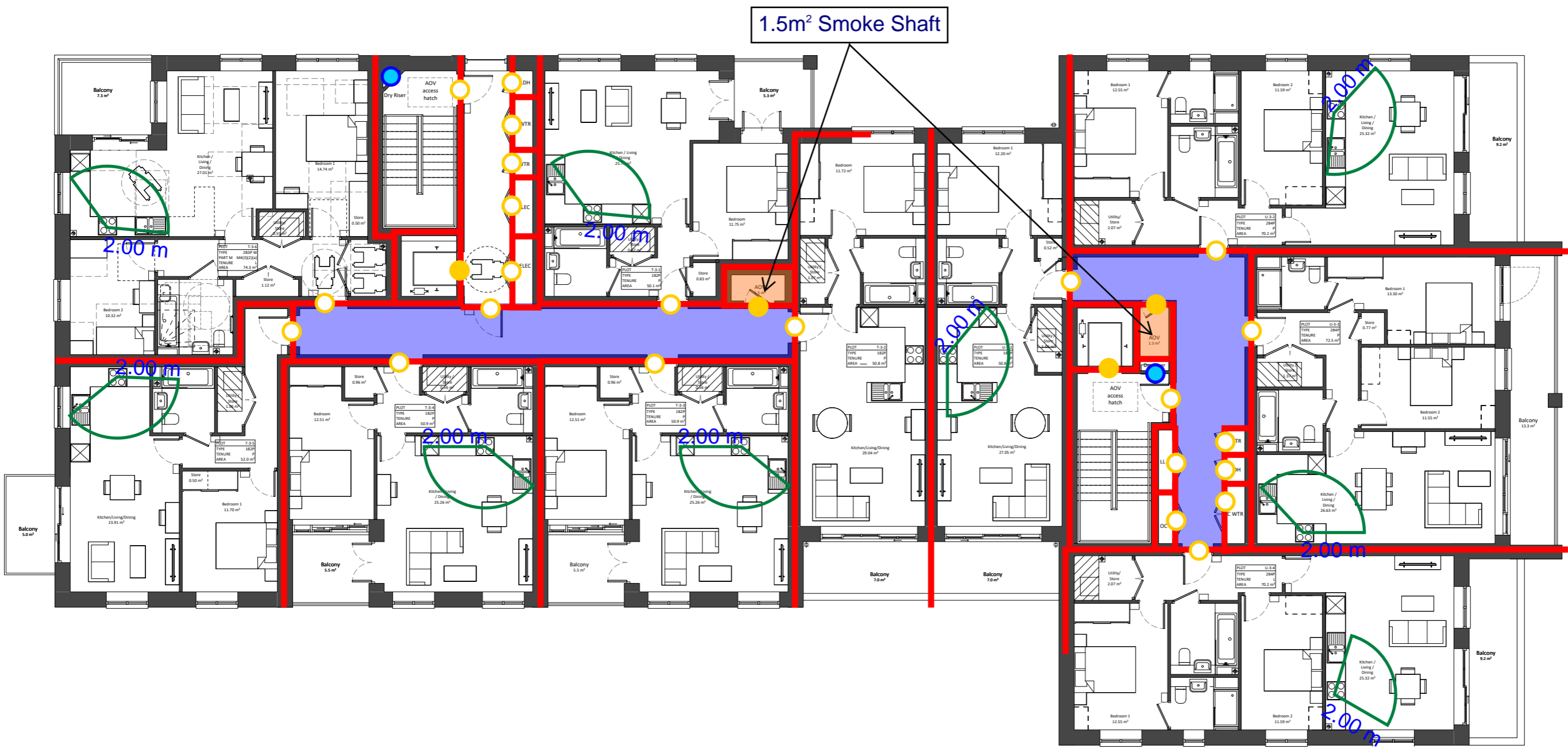


1.5m<sup>2</sup> Smoke Shaft



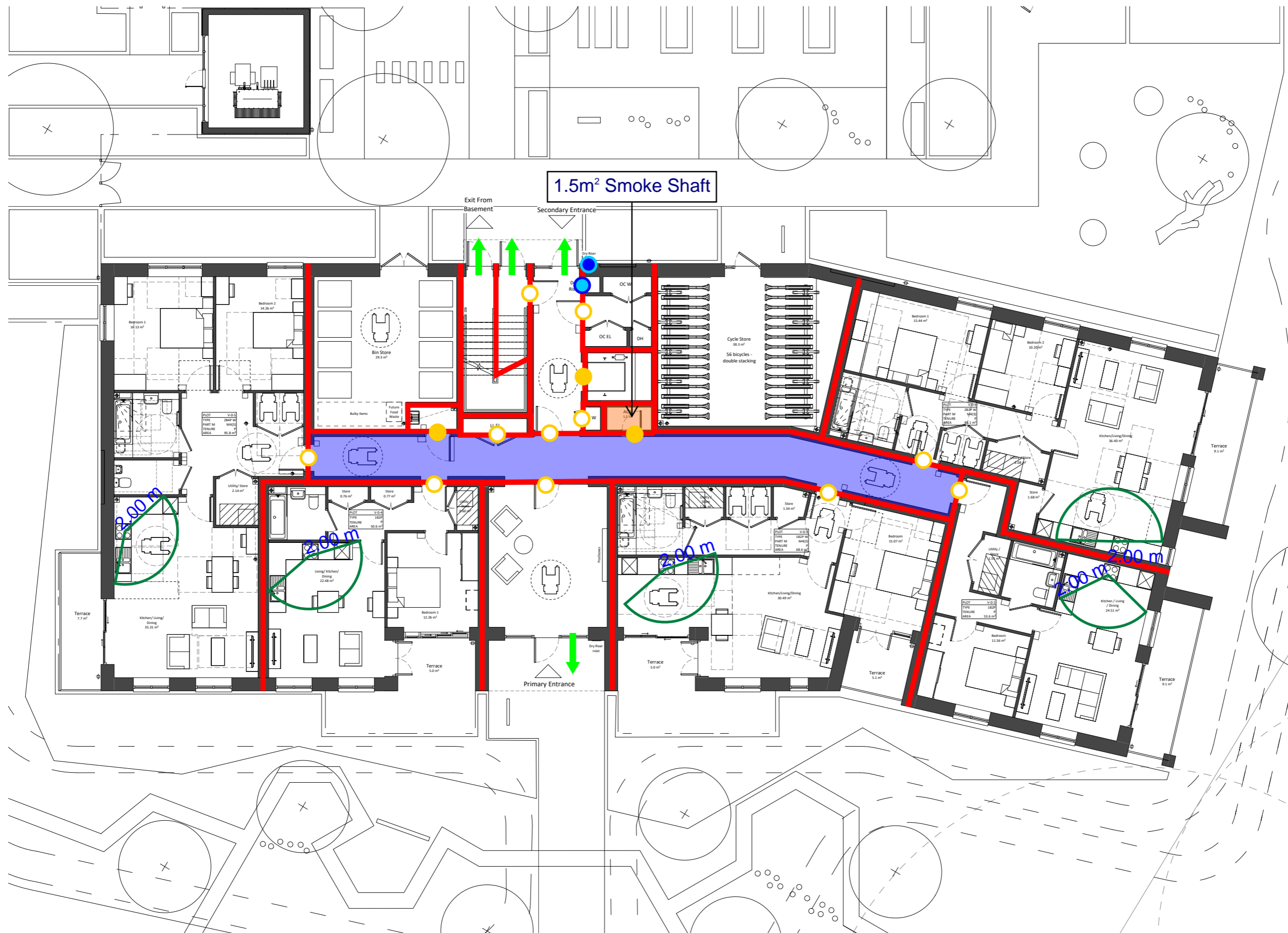
Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block TU - Second Floor					
Drawing Reference:		AFF_20700_01_Ham Close, Richmond - Residential_FSD_03					
Date:	07/04/2022	Drawn By	QC	Checked By	ED	Approved By	JO

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



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

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		



1.5m<sup>2</sup> Smoke Shaft

Exit From Basement

Secondary Entrance

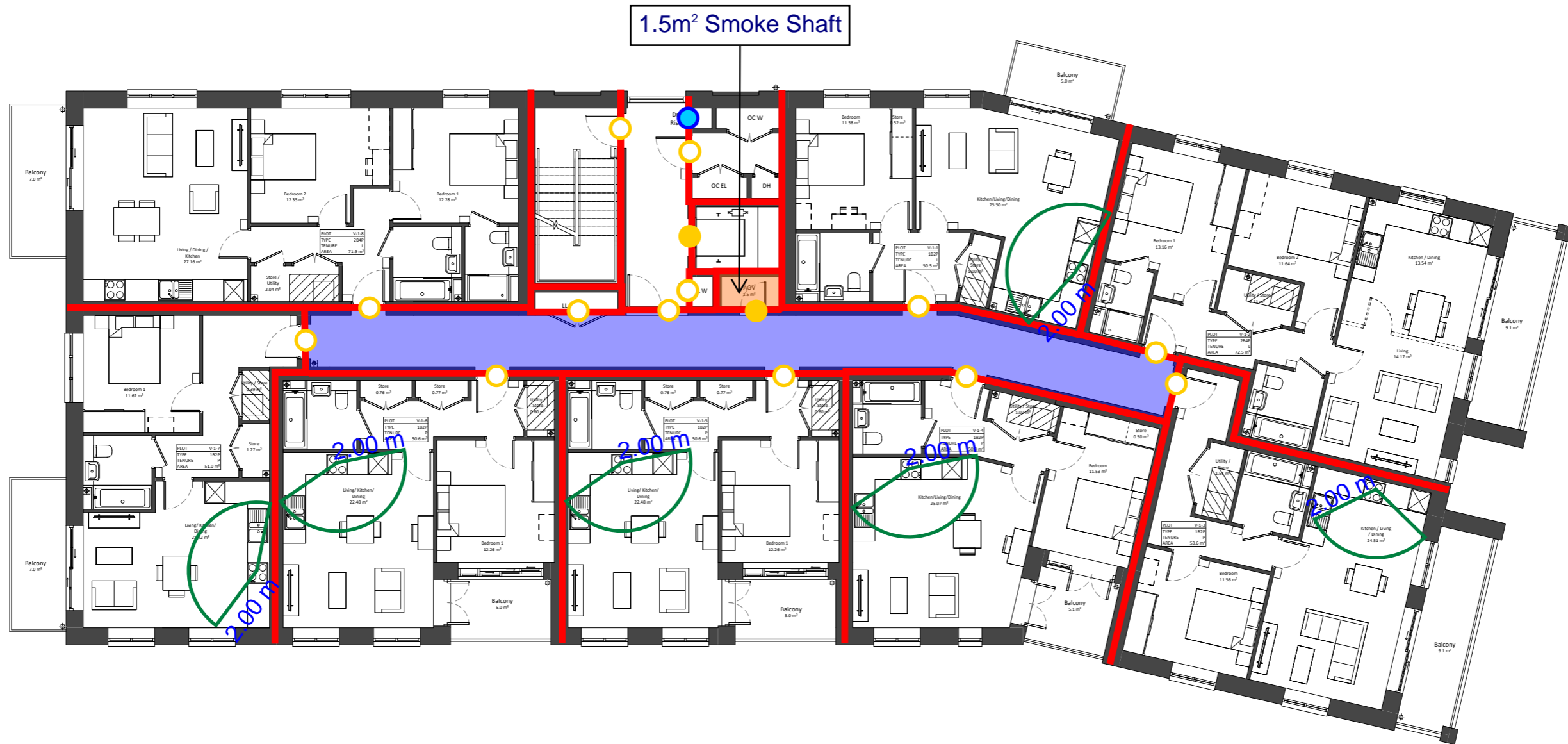
Primary Entrance

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
- 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



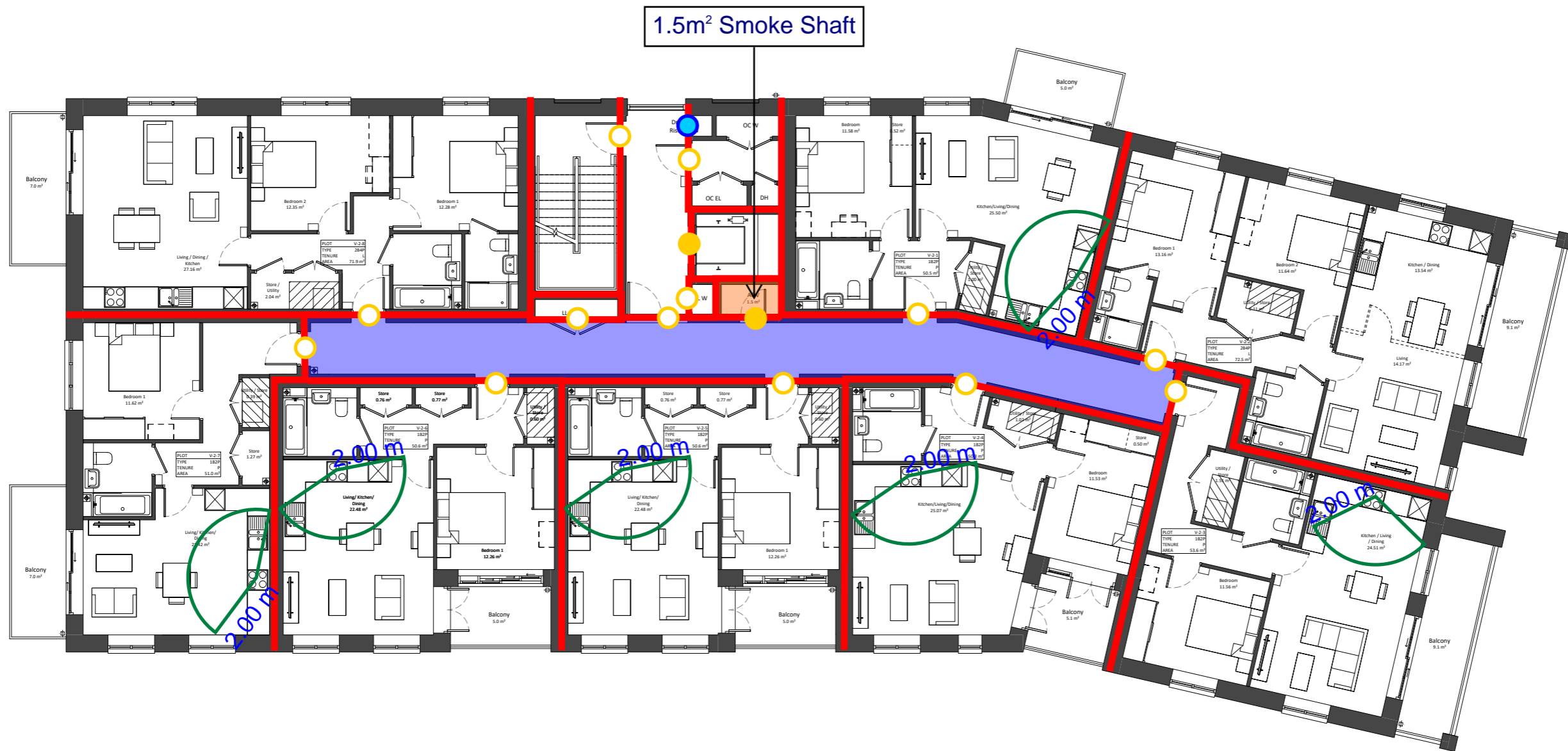


1.5m<sup>2</sup> Smoke Shaft

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	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		





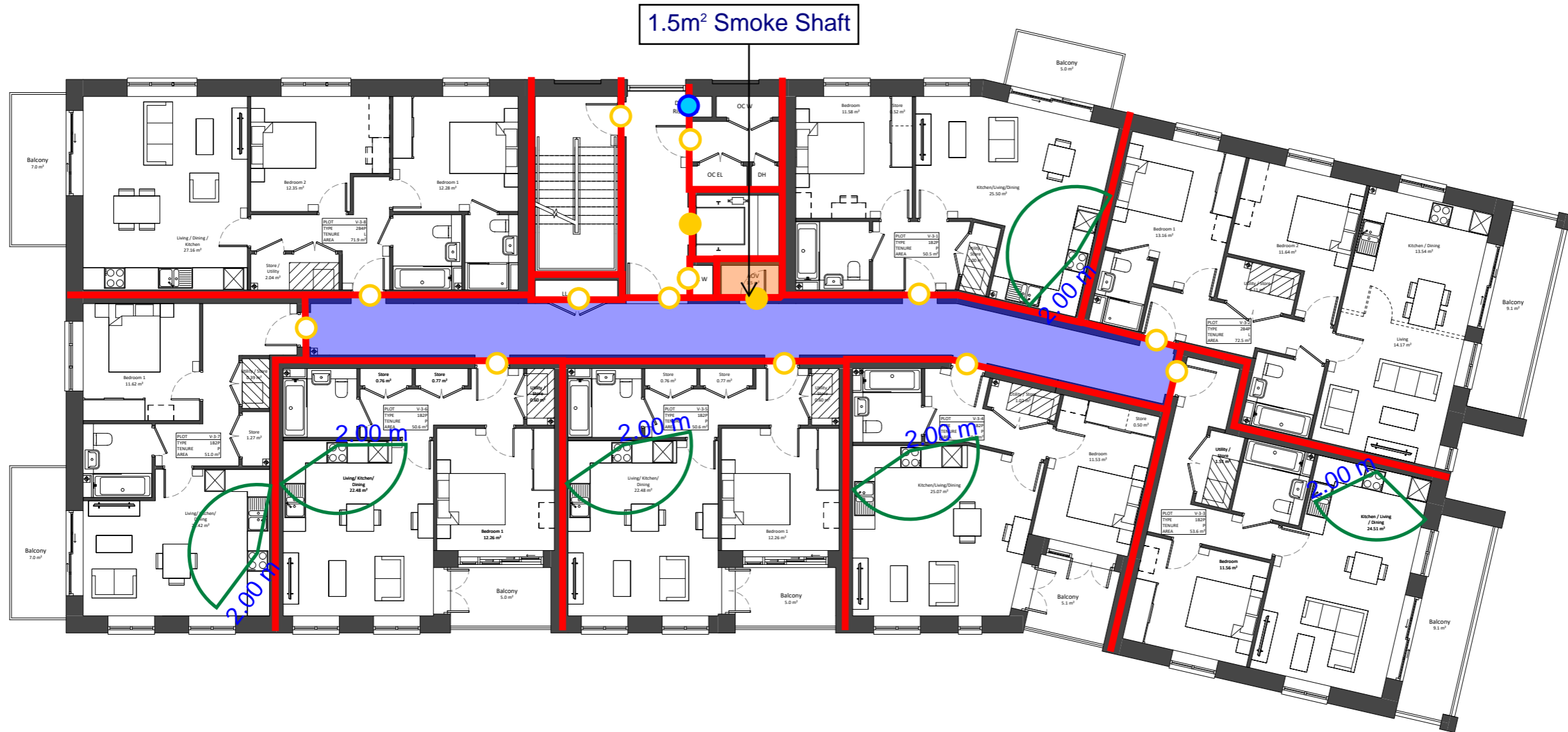
1.5m<sup>2</sup> Smoke Shaft

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		





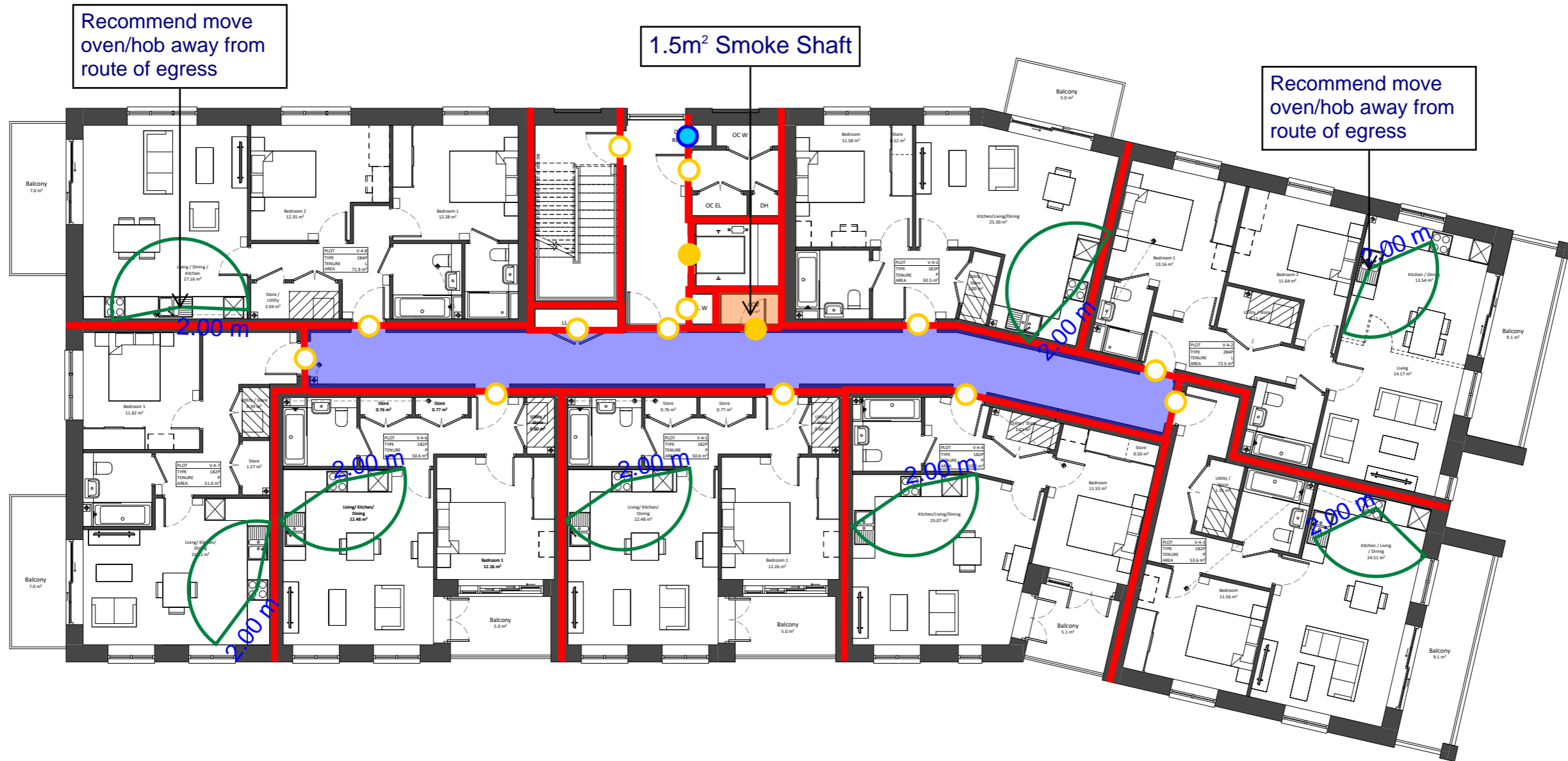


1.5m<sup>2</sup> Smoke Shaft

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block V - 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		





Recommend move oven/hob away from route of egress

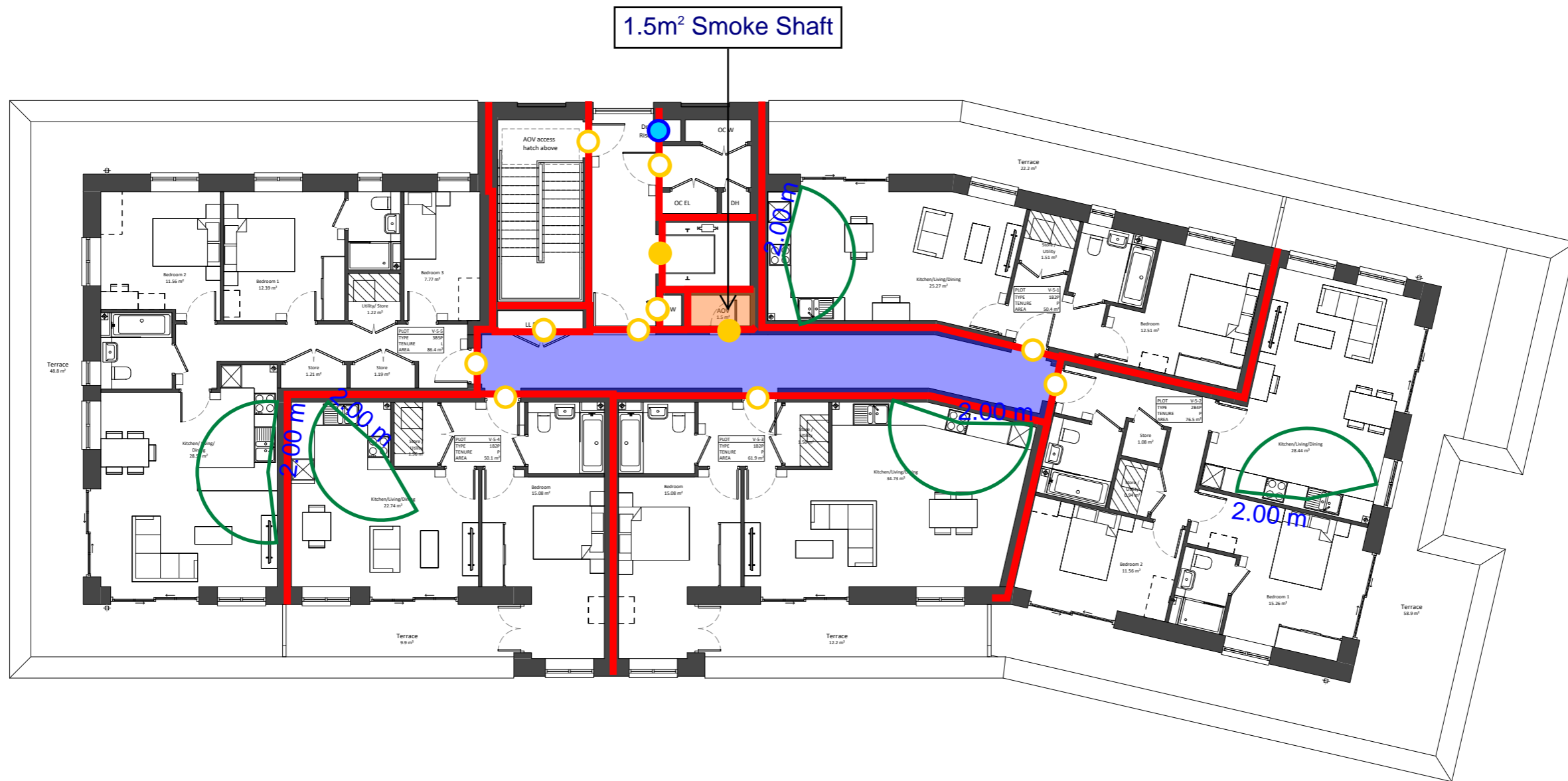
1.5m<sup>2</sup> Smoke Shaft

Recommend move oven/hob away from route of egress

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block V - 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			





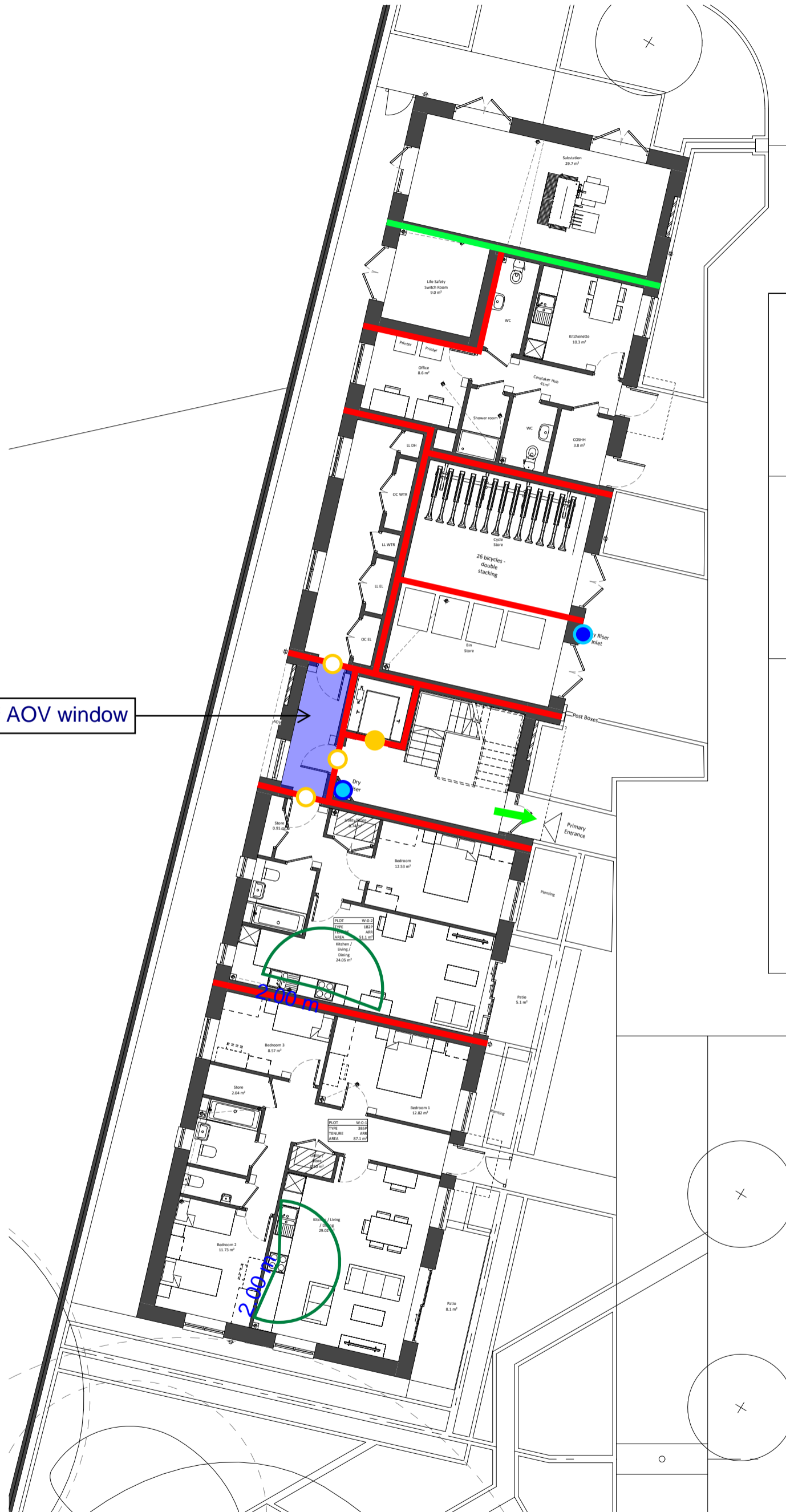
1.5m<sup>2</sup> Smoke Shaft

Project Name:		Ham Close, Richmond - Residential					
Drawing Name:		Block V - 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			



1.5m<sup>2</sup> AOV window



Project Name:	Ham Close, Richmond - Residential						
Drawing Name:	Block W - 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
240/240/240 FRR	FD60 Door
120/120/120 FRR	FD90 Door
30/30/30 FRR	FD120 Door
60/60/60 FRR	FD30S Door
90/90/90 FRR	FD60S Door
120/120/120 FRR	FD90S Door
Dry Riser Outlet	FD120S Door
Dry Riser Inlet	Fire Hydrant

