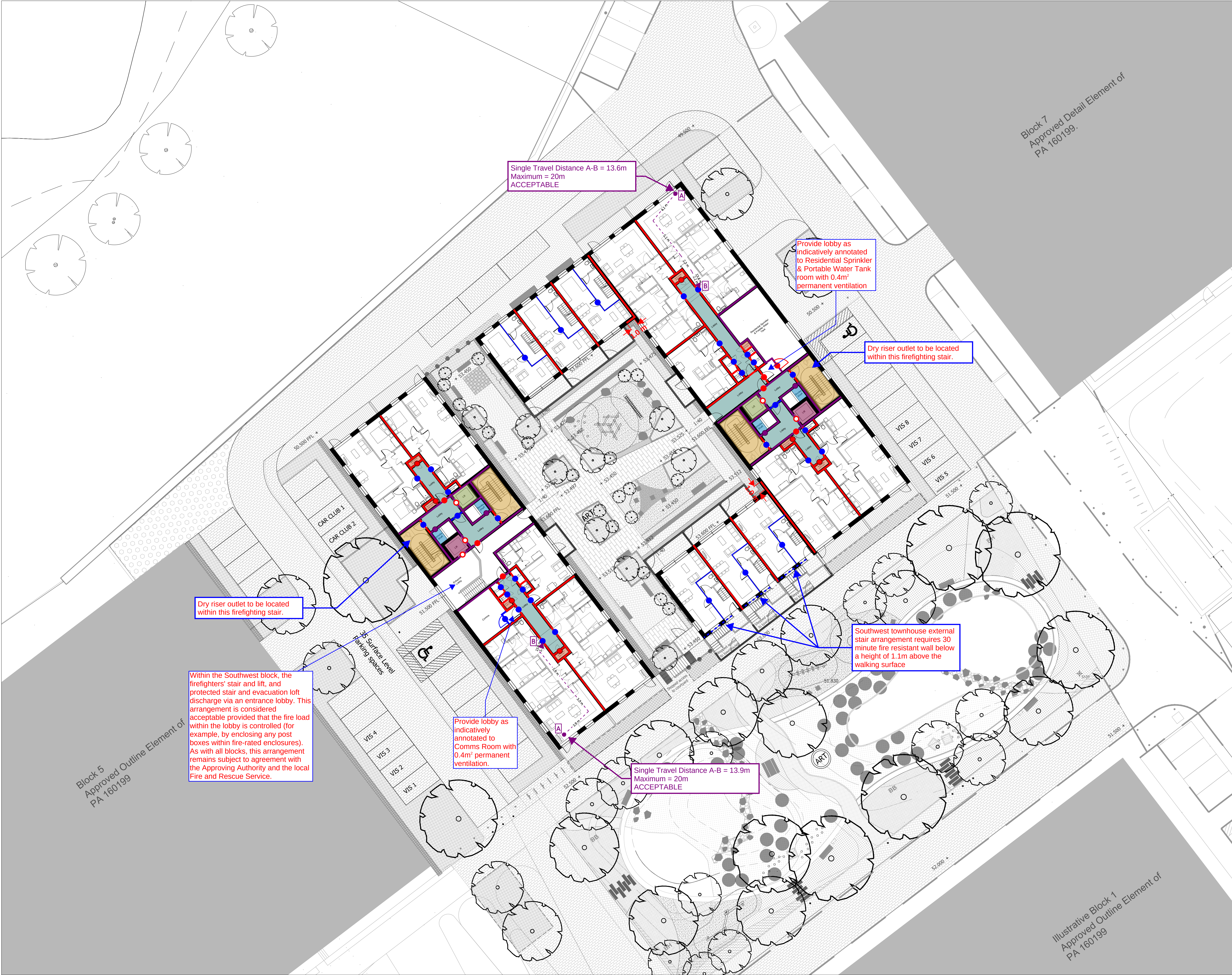
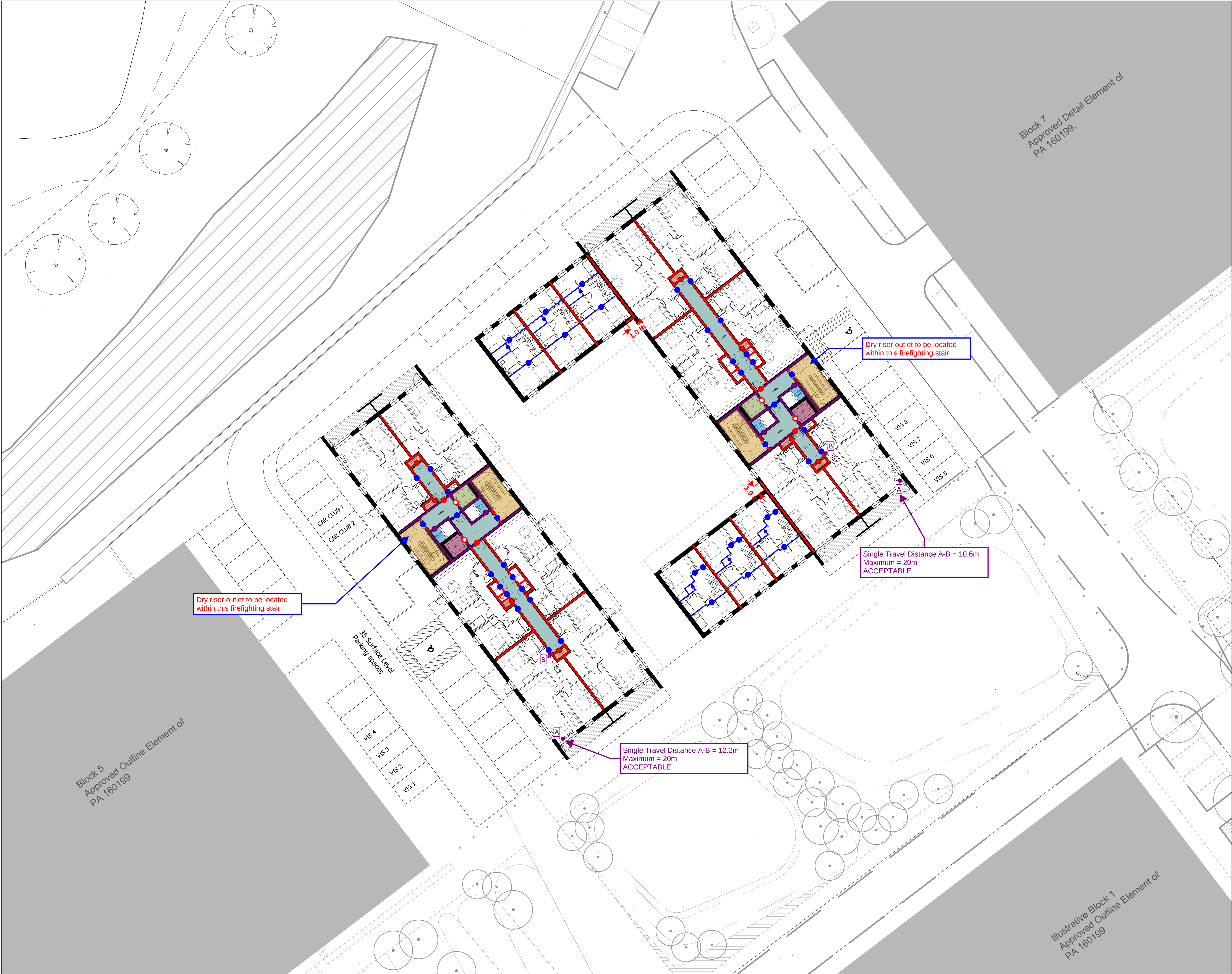




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 4. Fire Strategy Drawings will require agreement with the local approving authorities and local Fire and Rescue Services

- Legend:
- Evacuation lift
 - Firefighting lift
 - Ventilated corridor
 - Ventilated stair
 - Natural smoke ventilation shaft
 - Mechanical smoke ventilation shafts
 - 30 minute fire resistant wall
 - 60 minute fire resistant wall
 - 120 minute fire resistant wall
 - FD30
 - FD30S
 - FD60
 - FD60S
 - 60 minute smoke control damper
 - 120 minute smoke control damper
 - Travel distance
 - DRI Dry riser inlet
 - 30 minute fire resistant wall below a height of 1.1m above the walking surface

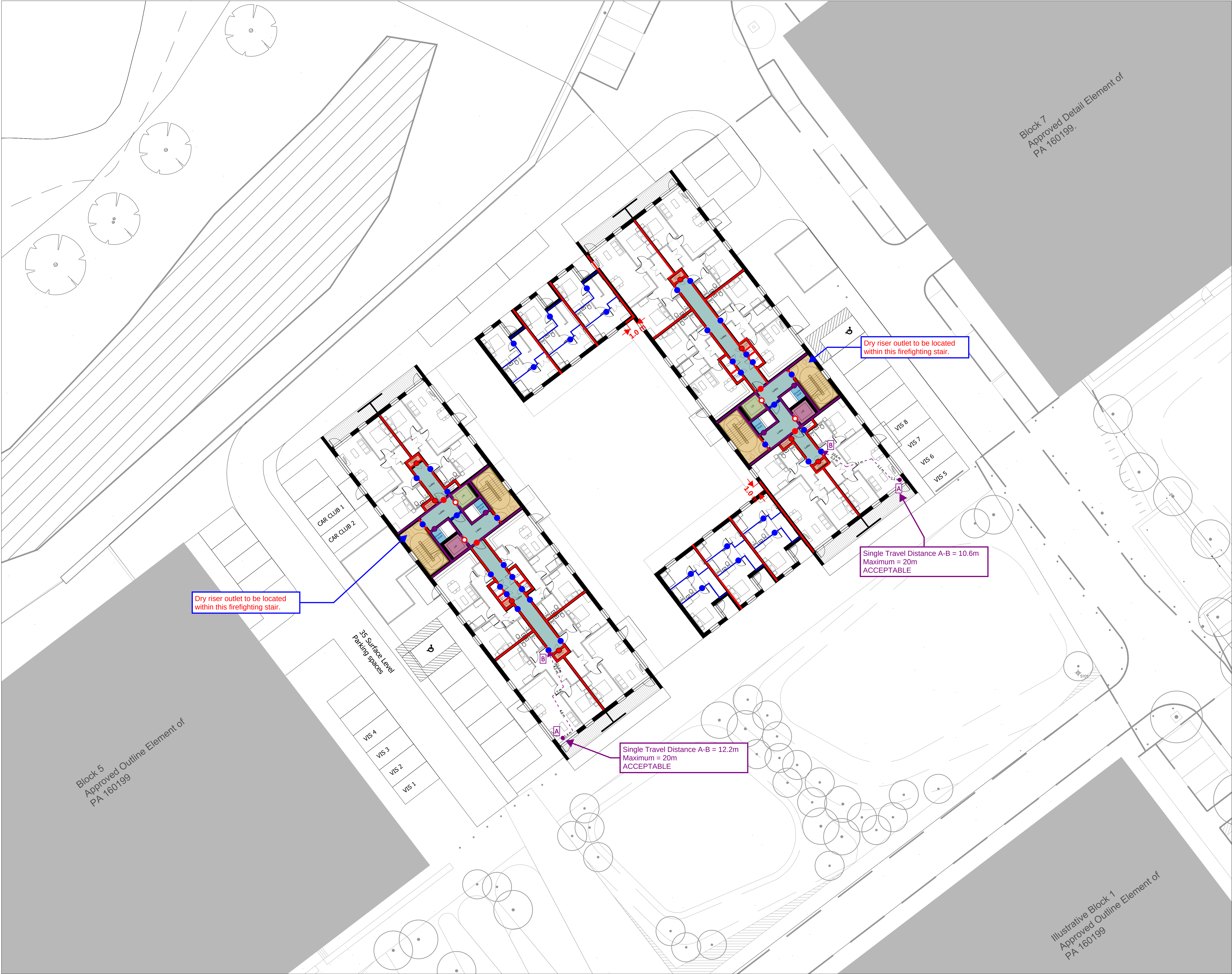
P01	06.10.25	S2 - Suitable for Information	HA	AK	
Rev	Date	Description	By	Ap	
Client					
Architect					
Project Title					
Royal Elm Park					
Drawing Title					
Fire Safety Mark-ups Ground Floor					
Project Number					
333701707					
Scale @ A1					
1:200					
Date					
06.10.25					
Drawn	Checked	Approved	Rev.		
HA	AK	AK	P01		



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- Legend:
- Evacuation lift
 - Firefighting lift
 - Ventilated corridor
 - Ventilated stair
 - Natural smoke ventilation shaft
 - Mechanical smoke ventilation shafts
 - 30 minute fire resistant wall
 - 60 minute fire resistant wall
 - 120 minute fire resistant wall
 - FD30
 - FD30S
 - FD60
 - FD60S
 - 60 minute smoke control damper
 - 120 minute smoke control damper
 - Travel distance
 - DRI Dry riser inlet

P01	06.10.25	S2 - Suitable for Information	HA	AK	
Rev	Date	Description	By	Ap	
Client					
Architect					
Project Title					
Royal Elm Park					
Drawing Title					
Fire Safety Mark-ups First Floor					
Project Number					
333701707					
Scale @ A1					
1:200					
06.10.25					
Drawn	Checked	Approved	Rev.		
HA	AK	AK	P01		



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- Legend:
- Evacuation lift
 - Firefighting lift
 - Ventilated corridor
 - Ventilated stair
 - Natural smoke ventilation shaft
 - Mechanical smoke ventilation shafts
 - 30 minute fire resistant wall
 - 60 minute fire resistant wall
 - 120 minute fire resistant wall
 - FD30
 - FD30S
 - FD60
 - FD60S
 - 60 minute smoke control damper
 - 120 minute smoke control damper
 - Travel distance
 - DRI
 - Dry riser inlet

P01	06.10.25	S2 - Suitable for Information		HA	AK
Rev	Date	Description		By	Ap
Client					
Architect					
Project Title					
Royal Elm Park					
Drawing Title					
Fire Safety Mark-ups Second Floor					
Project Number					
333701707					
Scale @ A1					
1:200			06.10.25		
Drawn	Checked	Approved	Rev.		
HA	AK	AK	P01		



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- Legend:
- Evacuation lift
 - Firefighting lift
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 - Ventilated stair
 - Natural smoke ventilation shaft
 - Mechanical smoke ventilation shafts
 - 30 minute fire resistant wall
 - 60 minute fire resistant wall
 - 120 minute fire resistant wall
 - FD30
 - FD30S
 - FD60
 - FD60S
 - 60 minute smoke control damper
 - 120 minute smoke control damper
 - Travel distance
 - DRI
 - Dry riser inlet

P01	06.10.25	S2 - Suitable for Information	HA	AK	
Rev	Date	Description	By	Ap	
Client					
Architect					
Project Title					
Royal Elm Park					
Drawing Title					
Fire Safety Mark-ups Third Floor					
Project Number					
333701707					
Scale @ A1			Date		
1:200			06.10.25		
Drawn	Checked	Approved	Rev.		
HA	AK	AK	P01		



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Legend:

- Evacuation lift
- Firefighting lift
- Ventilated corridor
- Ventilated stair
- Natural smoke ventilation shaft
- Mechanical smoke ventilation shafts
- 30 minute fire resistant wall
- 60 minute fire resistant wall
- 120 minute fire resistant wall
- FD30
- FD30S
- FD60
- FD60S
- 60 minute smoke control damper
- 120 minute smoke control damper
- Travel distance
- DRI
- Dry riser inlet

PO1	06.10.25	S2 - Suitable for Information	HA	AK	
Rev	Date	Description	By	Ap	
Client					
Architect					
					
Project Title					
Royal Elm Park					
Drawing Title					
Fire Safety Mark-ups Fourth Floor					
Project Number					
333701707					
Scale @ A1			Date		
1:200			06.10.25		
Drawn	Checked	Approved	Rev.		
HA	AK	AK	P01		



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- Legend:
- Evacuation lift
 - Firefighting lift
 - Ventilated corridor
 - Ventilated stair
 - Natural smoke ventilation shaft
 - Mechanical smoke ventilation shafts
 - 30 minute fire resistant wall
 - 60 minute fire resistant wall
 - 120 minute fire resistant wall
 - FD30
 - FD30S
 - FD60
 - FD60S
 - 60 minute smoke control damper
 - 120 minute smoke control damper
 - Travel distance
 - DRI Dry riser inlet

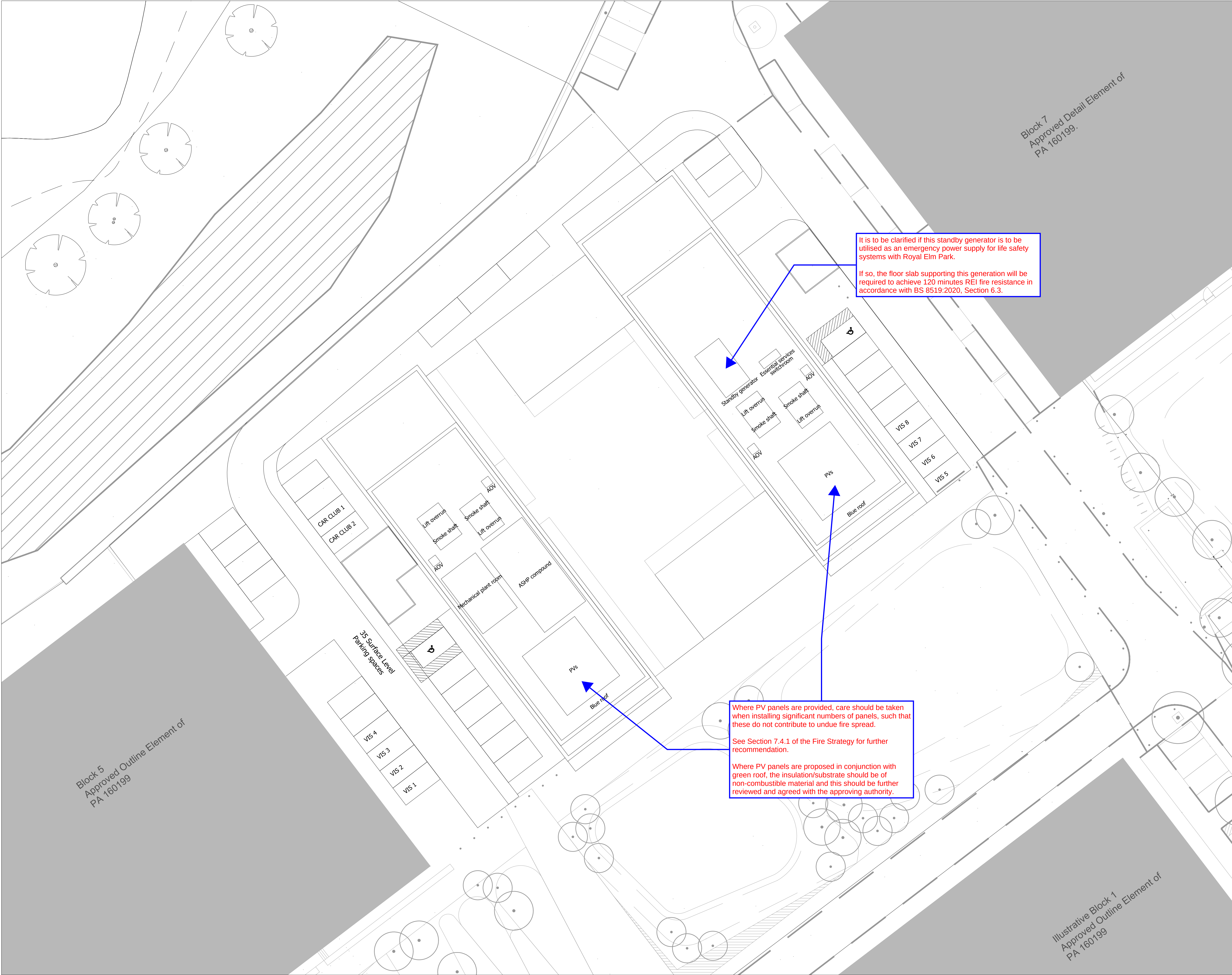
P01	06.10.25	S2 - Suitable for Information			HA AK
Rev	Date	Description			By Ap
Client					
Architect					
 Stantec					
Project Title					
Royal Elm Park					
Drawing Title					
Fire Safety Mark-ups Fifth Floor					
Project Number					
333701707					
Scale @ A1 1:200					
Date 06.10.25					
Drawn	Checked	Approved		Rev.	
HA	AK	AK		P01	



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 - Firefighting lift
 - Ventilated corridor
 - Ventilated stair
 - Natural smoke ventilation shaft
 - Mechanical smoke ventilation shafts
 - 30 minute fire resistant wall
 - 60 minute fire resistant wall
 - 120 minute fire resistant wall
 - FD30
 - FD30S
 - FD60
 - FD60S
 - 60 minute smoke control damper
 - 120 minute smoke control damper
 - Travel distance
 - DRI Dry riser inlet

P01	06.10.25	S2 - Suitable for Information			HA AK
Rev	Date	Description			By Ap
Client					
Architect					
Stantec					
Project Title					
Royal Elm Park					
Drawing Title					
Fire Safety Mark-ups Sixth Floor					
Project Number					
333701707					
Scale @ A1					
1:200				Date	
				06.10.2025	
5					
Rev.					
Drawn	Checked		Approved		
HA	AK		AK		P01



It is to be clarified if this standby generator is to be utilised as an emergency power supply for life safety systems with Royal Elm Park.

If so, the floor slab supporting this generation will be required to achieve 120 minutes REI fire resistance in accordance with BS 8519:2020, Section 6.3.

Where PV panels are provided, care should be taken when installing significant numbers of panels, such that these do not contribute to undue fire spread.

See Section 7.4.1 of the Fire Strategy for further recommendation.

Where PV panels are proposed in conjunction with green roof, the insulation/substrate should be of non-combustible material and this should be further reviewed and agreed with the approving authority.

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P01	06.10.25	S2 - Suitable for Information			HA AK
Rev	Date	Description			By Ap
Client					
Architect					
					
Project Title					
Royal Elm Park					
Drawing Title					
Fire Safety Mark-ups Roof Level					
Project Number					
333701707					
Scale @ A1				Date	
1:200				06.10.25	
Drawn	Checked	Approved		Rev.	
HA	AK	AK		P01	

With every community, we redefine what's possible.



Stantec is a global leader in sustainable engineering, architecture, and environmental consulting. The diverse perspectives of our partners and interested parties drive us to think beyond what's previously been done on critical issues like climate change, digital transformation, and future-proofing our cities and infrastructure. We innovate at the intersection of community, creativity, and client relationships to advance communities everywhere, so that together we can redefine what's possible.

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