

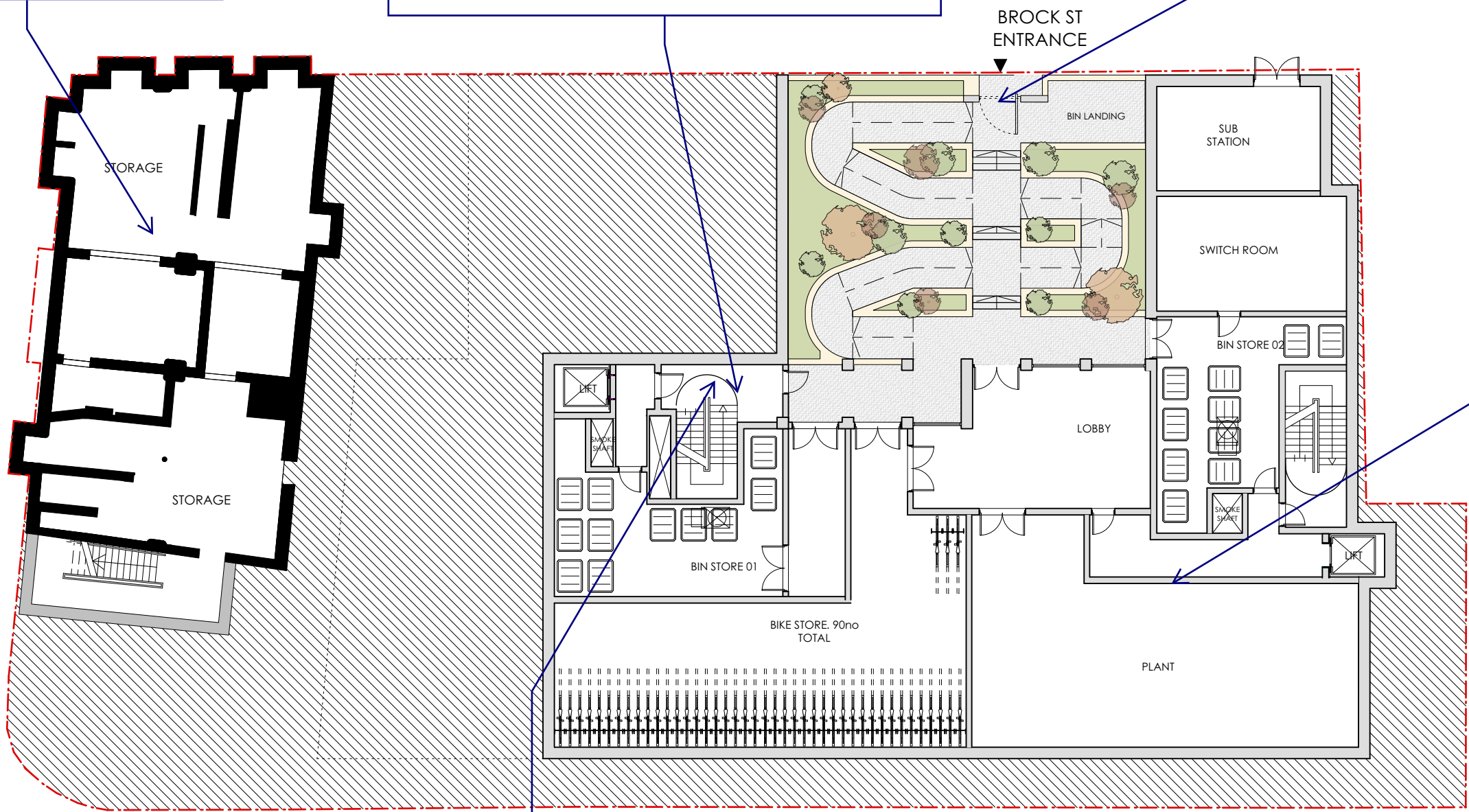
Floor area is less than 200m2 so no requirements for basement ventilation.

Due to the height to the topmost storey exceeding 18m, a firefighting shaft is required. It is proposed that this stair is constructed as such. This will require a dry riser in the stair that serves all levels, 120 minute firefighting stair, 120 minute firefighting lift, ventilated lobby/corridor on all floors and a 1.0m2 AOV at the head of the stair.

Fire Service access to the residential building will be via Brock St. This gate is to be openable upon Fire Service arrival so they can access directly into the firefighting stair.

Basement ventilation is covered in B5 of Building Regulations. As the basement exceeds 200m2, each compartment with a floor level of more than 3m below ground requires natural smoke outlets. This should be at least 1/40th of the compartment's floor area.

Dry riser outlet location, see Ground Floor for inlet location.



PROPOSED GA LOWER GROUND PLAN

1:200 @ A3



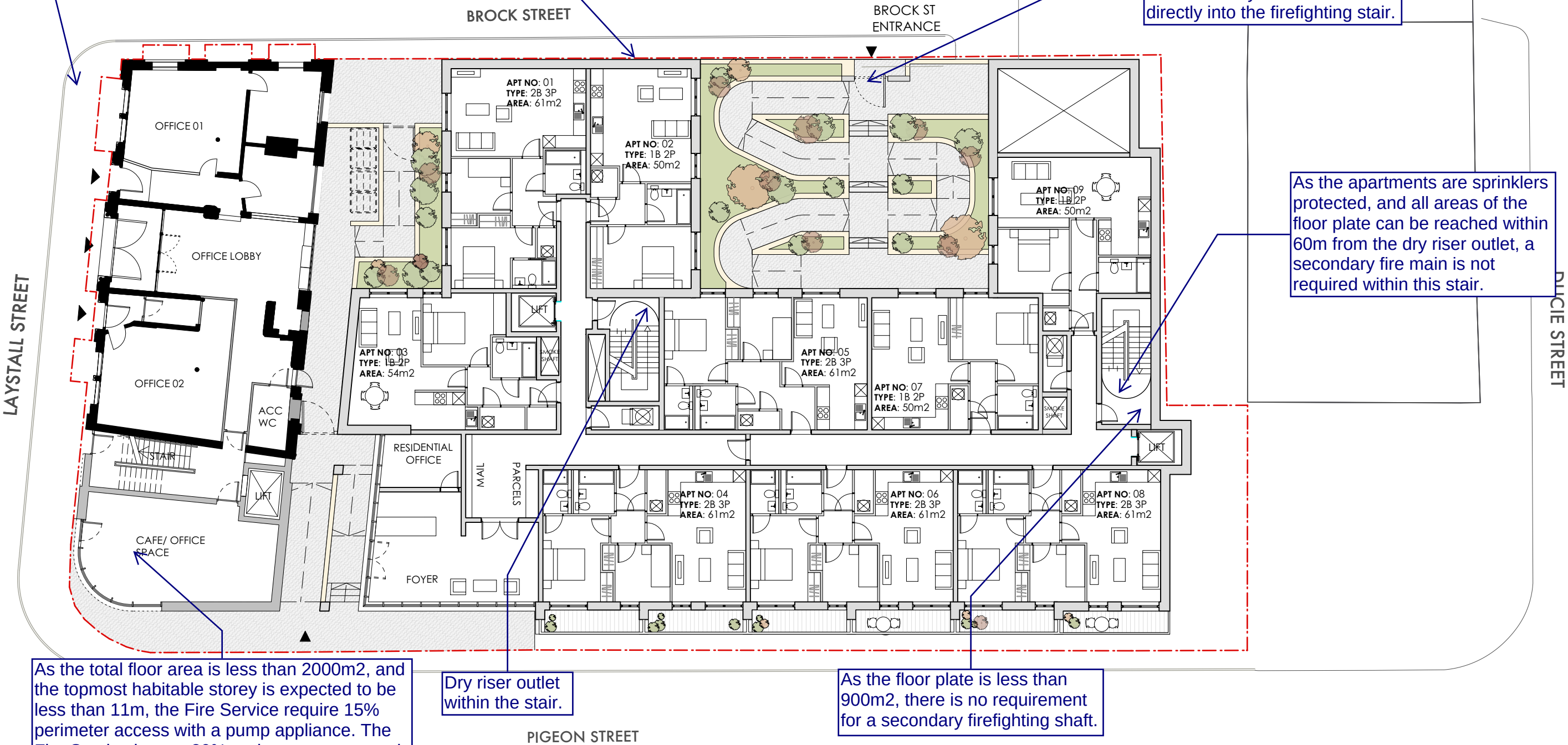
Project:	Laystall Street		
Title:	Fire Service Access Comments		
Revision:	V1.1	Scale:	As shown
Prepared by:	Gareth McGaughey	Date:	17/03/21
Checked by:	Alex Robinson	Date:	17/03/21

Existing fire hydrant location. Suitably located as it is within 90m of the dry riser inlet.

Dry riser inlet location within 18m of Fire Service vehicle and horizontal pipe run to outlet in stair does not exceed 18m.

Fire Service access to the residential building will be via Brock St. This gate is to be openable upon Fire Service arrival so they can access directly into the firefighting stair.

As the apartments are sprinklers protected, and all areas of the floor plate can be reached within 60m from the dry riser outlet, a secondary fire main is not required within this stair.



As the total floor area is less than 2000m2, and the topmost habitable storey is expected to be less than 11m, the Fire Service require 15% perimeter access with a pump appliance. The Fire Service have c.80% perimeter access and therefore a fire main is not needed.

Dry riser outlet within the stair.

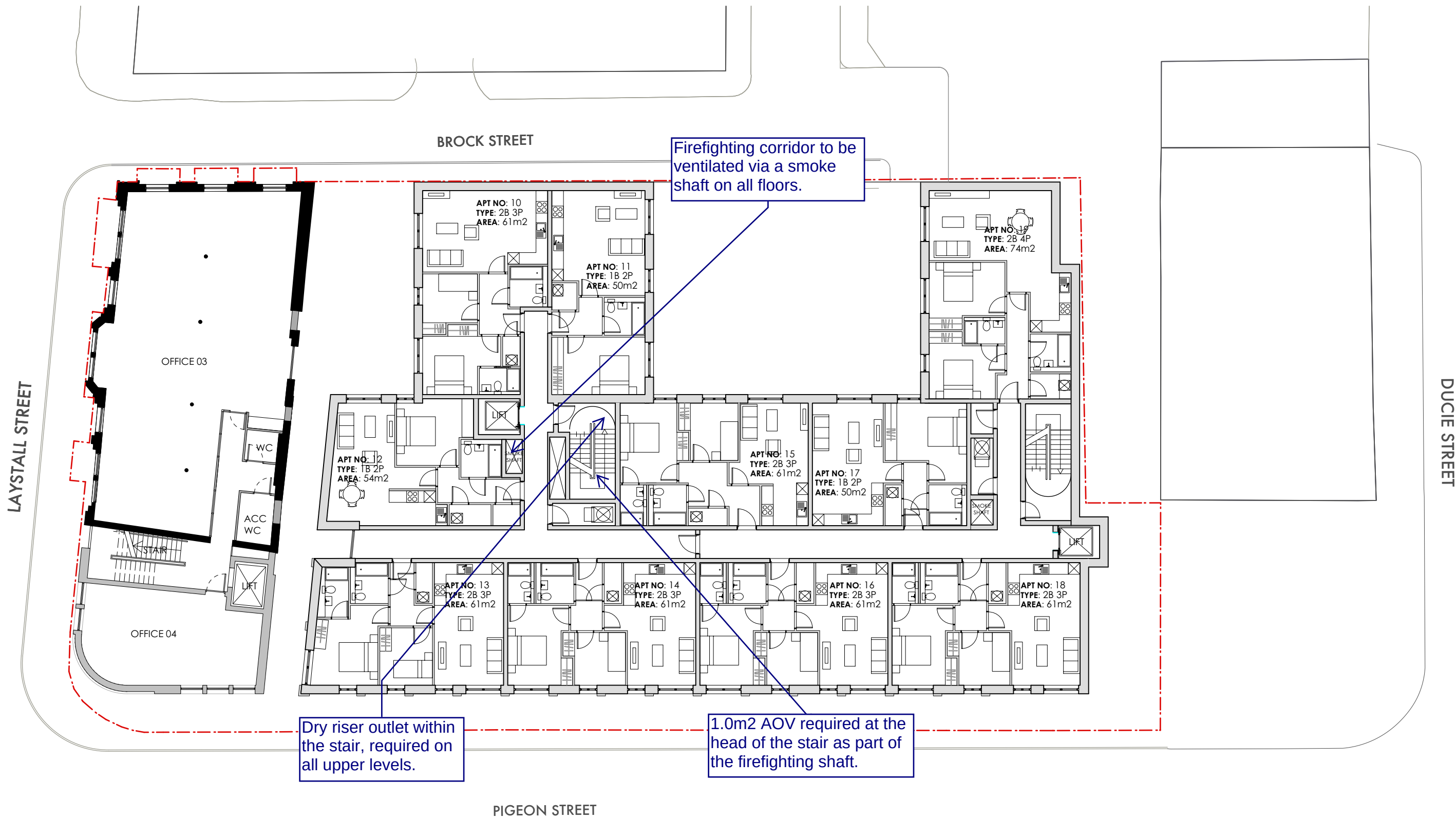
As the floor plate is less than 900m2, there is no requirement for a secondary firefighting shaft.

PROPOSED GA GROUND FLOOR PLAN

1:200 @ A3



Project:	Laystall Street		
Title:	Fire Service Access Comments		
Revision:	V1.1	Scale:	As shown
Prepared by:	Gareth McGaughey	Date:	17/03/21
Checked by:	Alex Robinson	Date:	17/03/21



PROPOSED GA FIRST FLOOR PLAN

1:200 @ A3



Project:	Laystall Street		
Title:	Fire Service Access Comments		
Revision:	V1.1	Scale:	As shown
Prepared by:	Gareth McGaughey	Date:	17/03/21
Checked by:	Alex Robinson	Date:	17/03/21