

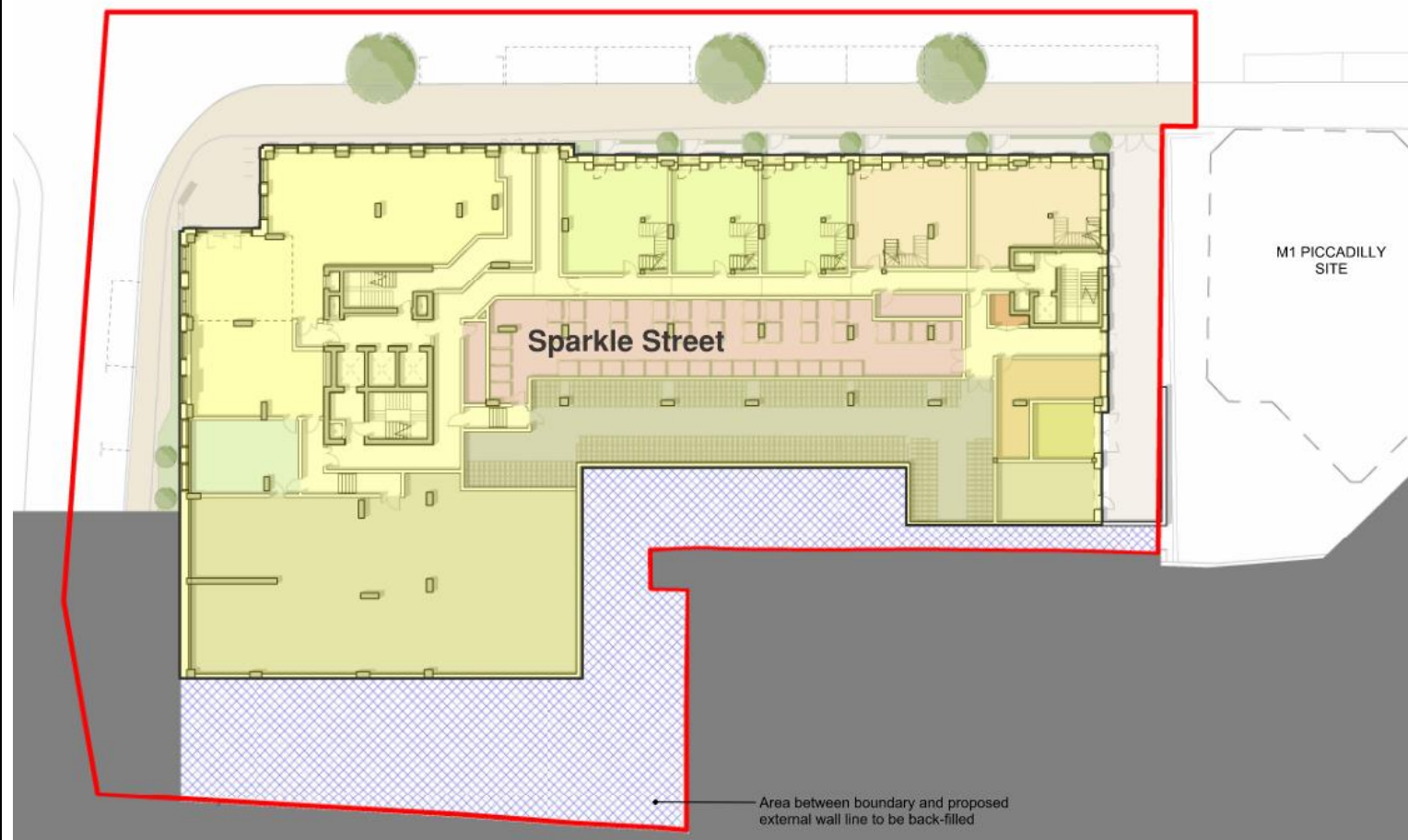
Fire statement form

Application information	
1. Site address line 1	Land bounded by Store Street to the north, vacant land to the west, residential buildings to the south and Sparkle Street to the west.
Site address line 2	
Site address line 3	
Town	Manchester
County	
Site postcode (optional)	M1 2NJ
2. Description of proposed development including any change of use (as stated on the application form):	<u>Full Planning Permission for demolition of existing vacant buildings and erection of a part 10 storey, part 28 storey residential development comprising 359 homes (Use Class C3) with supporting amenity spaces, and associated highways works, landscaping, plant areas, and other associated works</u>
3. Name of person completing the fire statement (as section 15.), relevant qualifications and experience. Guide: no more than 200 words	Name: Daniel Mois Role: Fire Engineer Academic qualification: BSc in Civil Engineering; MSc in Civil Engineer, Building Structures Membership of professional bodies: Associate Member with the Institute of Fire Engineers (AIFireE) Experience: 5 years in the design of fire strategies for residential buildings including high-rise buildings and non-residential buildings such as schools, leisure centres, office buildings, hotels, storage facilities, etc.
4. State what, if any, consultation has been undertaken on issues relating to the fire safety of the development; and what account has been taken of this.	Ashton Fire have prepared fire strategy mark-ups with comments highlighting areas of design considerations / risk / changes required of the current design proposals. Co-ordination workshops have been held to discuss these mark-ups and comments with amendments in design made to align with Ashton Fire's recommendations. An outline fire strategy report has also been prepared by Ashton Fire. This Fire Strategy highlights the proposed fire safety design for the development. It highlights areas which will be subject to further design co-ordination during the technical / detailed design stages of the development.

Guide: no more than 200 words

5. Site layout plan with block numbering as per building schedule referred to in 6.
(consistent with other plans drawings and information submitted in connection with the application)

Site layout plan is:
inserted in the form



The principles, concepts and approach relating to fire safety that have been applied to the development

6. Building schedule

[illegible]

		Choose an item.		Choose an item.	Choose an item.	Choose an item.	Choose an item.	Choose an item.	Choose an item.
7. Specific technical complexities Explain any specific technical complexities in terms of fire safety (for example green walls) and/or departures from information in building schedule above Guide: no more than 500 words <i>The building height pose a challenge for the fire strategy.</i> <i>Given the height of the building additional recommendations, such as mechanical smoke ventilation system to account for possible stack effects, multiple lifts, multiple staircases, have been incorporated in the design to support the fire strategy and account for the height of the building. The lifts are also designed to augment the vertical evacuation.</i>									
8. Issues which might affect the fire safety of the development Explain how any issues which might affect the fire safety of the development have been addressed. Guide: no more than 500 words The fire strategy for the development will be in line with prescriptive guidance. In addition to prescriptive guidance, lifts will be design to augment the evacuation strategy.									
9. Local development document policies relating to fire safety Explain how any policies relating to fire safety in relevant local development documents have been taken into account. Guide: no more than 500 words <i>No specific local policies have been incorporated in the fire strategy.</i>									
Emergency road vehicle access and water supplies for firefighting purposes									
10. Fire service site plan Explanation of fire service site plan(s) provided in 14. including what guidance documents have informed the proposed arrangements for fire service access and facilities? Guide: no more than 200 words The fire service facilities shall be in accordance with ADB Vol 1 and documents referenced therein. The building has a top floor located at 81m. Storeys with a floor area more than 900m² will be served by two firefighting stairs. Firefighting lifts will be provided within 7.5m of each firefighting stairs. A third staircase is designed as a protected stair. The firefighting stair serving floors above 50m will include a wet riser main. A wet riser main will also be incorporated in the protected stair. The firefighting stair serving floors below 50m will include a dry riser main.									

Hydrants will be located within 90m of wet riser inlets and entrance points to the building, this can be utilised by the fire and rescue service.

Fire Service Vehicle access will be provided within 18 and sight of entrance giving access to the fire main and within sight for the emergency replenishment inlet for the wet fire main tank and inlet for dry riser inlet.

Internally, the remotest point of each storey within the block of flats will be within 60 m reach of the fire main outlet in the firefighting stair, measured on a route suitable for laying hose.

11. Emergency road vehicle access

Specify emergency road vehicle access to the site entrances indicated on the site plan

Guide: no more than 200 words

Emergency road vehicle is provided from Sparkler Street and Store Street.

Is the emergency vehicle tracking route within the site to the siting points for appliances clear and unobstructed?

yes

12. Siting of fire appliances

Guide: no more than 200 words

Emergency vehicles can either stop at the proposed loading bay or alternatively along double yellow lines if there are no other spaces available or if closer to their emergency.

Access will be within 18m of entrance points to the building and fire main inlets.

13. Suitability of water supply for the scale of development proposed

Guide: no more than 200 words

Firefighting operations will be supported by fire hydrants located within 90m of entry points to the building and fire main inlets.

Nature of water supply:

hydrant- public

Does the proposed development rely on existing hydrants and if so are they currently usable / operable?

yes

14. Fire service site plan

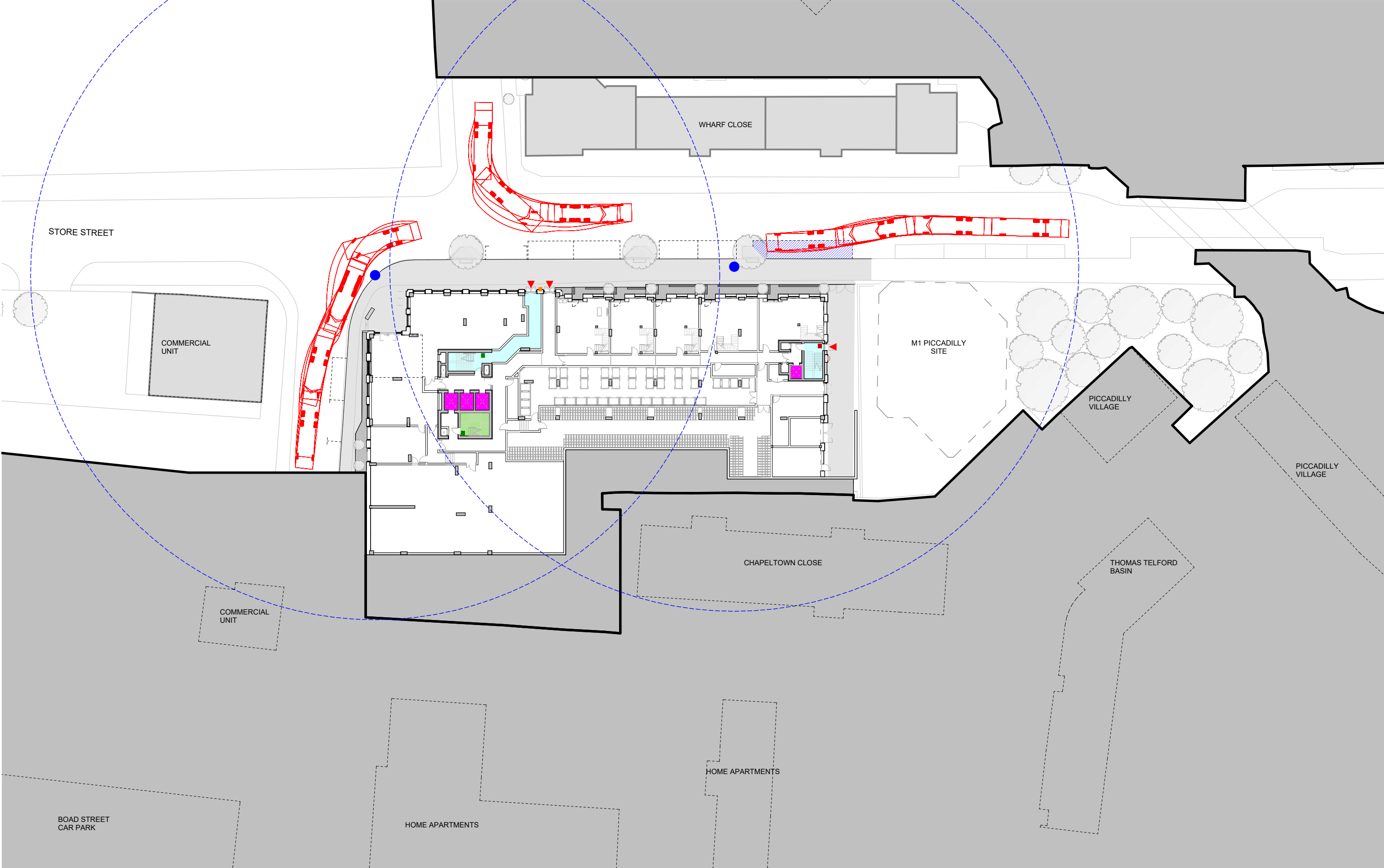
Fire service site plan is:
provided as a separate plan
See drawing no. 10413-SHP-Z0-A-N320-SK-00-001

Fire statement completed by**15. Signature**

Daniel Mois

16. Date

01/05/2024



This drawing is copyright
Do not scale off dimensions.
All dimensions to be checked on
site by contractor.
Contractor to report any
dimensional discrepancies,
errors or omissions prior to
commencing on site.

NOTE:

- Vehicle Tracking (Based upon Phoenix 2 Duo P2-15W with Elite 6x4 chassis)
- Designated Service Bay
- FRS Access Point
- Fire Hydrant (approximate location based upon UU Plans)
- 50m range from Fire Hydrant
- Wet Riser Inlet (2 Inlets together between the two Store Street Access Points)
- Wet Riser Outlet
- Dry Riser Inlet
- Dry Riser Outlet
- Firefighting/Evacuation Lift
- Firefighting Stair
- Protected Stair

NORTH

Rev	Date	Description
P01	2024-04-24	First Issue
P02	2024-04-25	Minor amends following comments from Fire Engineer
P03	2024-04-29	Amends following additional comments from Fire Engineer

Project Title
**Sparkle Street
Manchester**

Status
FOR INFORMATION

Drawing Title
**Fire Service Site Plan
Ground Floor Sketch Plan**

Project No
10413

Scale
1 : 500 @ A3

SHP Drawing Code
10413-SHP-Z0-A-N320-SK-00-001

Revision
P03

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