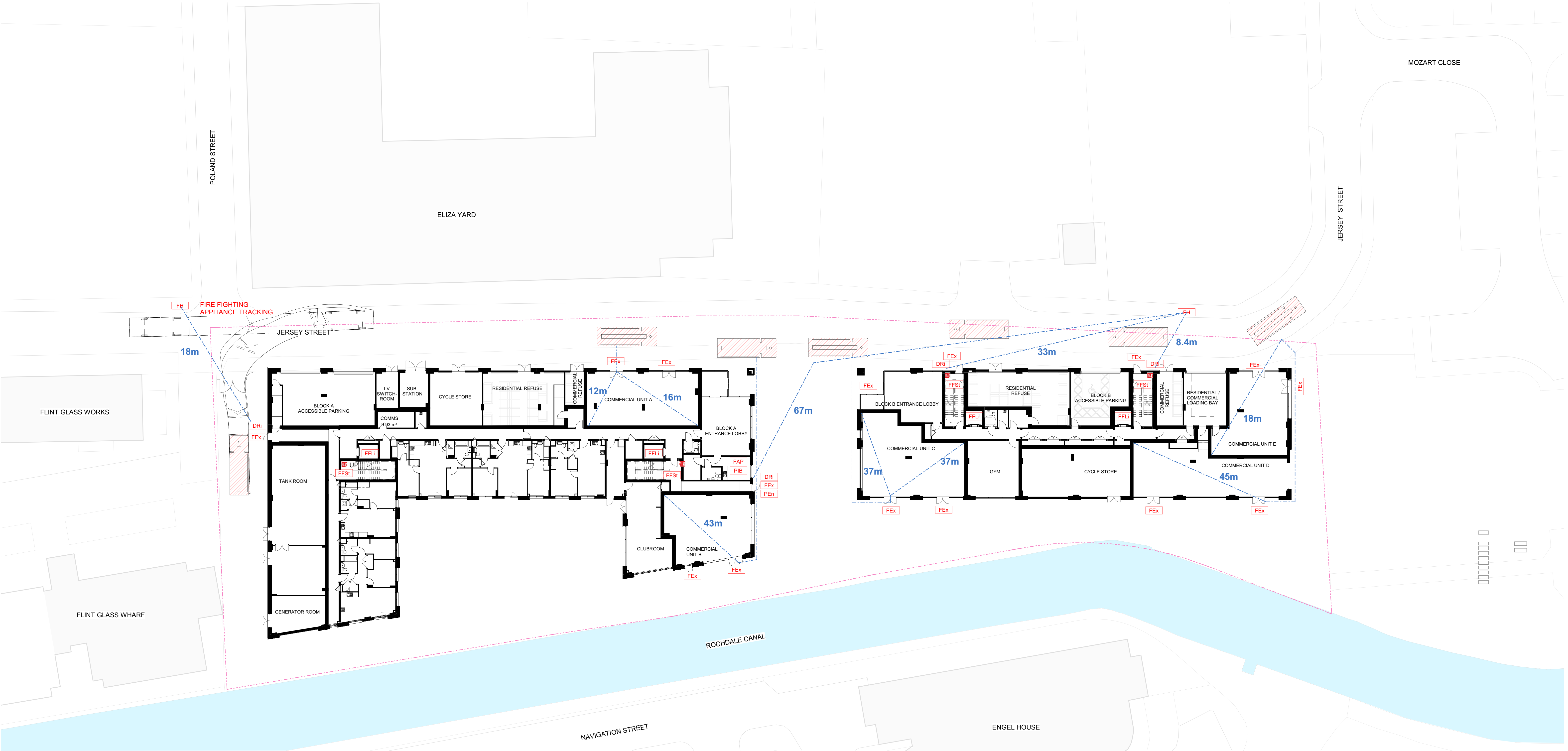




GENERAL

All information on PRP Fire strategy dwgs are subject to Fire Engineer / BC / Fire Fighting Service / Warranty provider review & agreement / approval. Note: where there are open plan flat layouts these require fire engineering justification.

Note that these drawings must be printed / viewed in colour.

This drawing is to be read in conjunction with PRP GA plans, elevations & detail series and the detailed guidance included in the Fire Engineer/Consultants report - REP-1921551-5A-IH-20022-Stage3FireStrategy

A category 4 sprinkler system is proposed to residential accommodation to meet BS 9252 (2021). Non-residential accommodation to be to have sprinkler system in accordance with BS EN 12845

REGULATION 7

Under Regulation 7(2) all external wall materials, other than those which are specifically exempted under Regulation 7(3) and specified attachments on relevant buildings are required to achieve A2-s1,d0 or A1 standard classified in accordance with BS EN 13501-1.

All membranes used as part of the external wall construction above ground level should achieve a minimum of class B-s3, d0 as described in Approved Document B (ADB).

FIRE MAINS AND LIFTS

Dry riser
Signage to be included with supply of inlet/outlet hardware appropriate for Wet or Dry risers where required

Colour: Red Pantone 185 to BS 5499-6:2002

FIRE FIGHTING SERVICE WAYFINDING

Wayfinding signage for the fire fighting service to be provided as recommended within ADB Volume 1

LINESTYLES

- Firemans hose length
- Notional boundary
- Relevant boundary

TAGS

- FH** Fire Hydrant
- CB** Cavity Barrier
- PIB** Premises Information Box
- DRI** Dry Riser Inlet (see also 'Fire Mains and Lifts' for signage)
- FBK** Fire Brigade Drop Key
- PEn** Principal Entrance for fire fighting service
- FAP** Fire Alarm Panel
- FFLI** Fire Fighting Lift
- FFSL** Fire Fighting Stair
- FEx** Final Exit

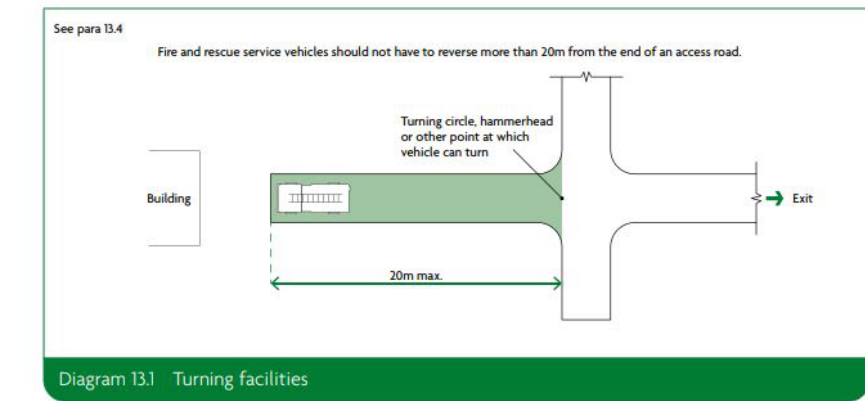
FIRE FIGHTING APPLIANCE

Fire fighting appliance tracking. Refer to Hydrock's Stage 2 Report (18276-HYD-XX-XX-RP-TP-1002-P1) and drawing (18276-HYD-XX-XX-DR-TP-0001)

Section 13: Vehicle access

Provision and design of access routes and hardstandings

- 13.1** For dwellinghouses, access for a pumping appliance should be provided to within 45m of all points inside the dwellinghouse.
- 13.2** For flats, either of the following provisions should be made:
 - a. Provide access for a pumping appliance to within 45m of all points inside each flat of a block, measured along the route of the hose.
 - b. Provide fire mains in accordance with paragraphs 13.5 and 13.6.
- 13.3** Access routes and hardstandings should comply with the guidance in Table 13.1.
- 13.4** Dead-end access routes longer than 20m require turning facilities, as in Diagram 13.1. Turning facilities should comply with the guidance in Table 13.1.



Building Regulations Approved Document Part B

NOTE:

For Unprotected Area Calc, refer to Hoare Lea's Stage 3 Report Rev 00 (Section 7). Document Reference: REP-1921551-5A-EDS-20211118-Stage3FireStrategy-Rev00 (Stage 3).

NOTE:

FOR FIRE SERVICE ACCESS REFER TO HOARE LEA'S STAGE 3 REPORT Rev 00 (SECTION 8.2). DOCUMENT REFERENCE: REP-1921551-5A-EDS-20211118-Stage3FireStrategy-Rev00

NOTE:

ALL ACCESS ROADS INC PEDESTRIAN AREAS WHERE NOTED, FOR FIRE SERVICE ACCESS ARE TO BE CLEARLY DEFINED, MIN 3.7m WIDE AND CAPABLE OF SUPPORTING THE LOAD OF A PUMPING APPLIANCE.

Table 13.1 Typical fire and rescue service vehicle access route specification

Appliance type	Minimum width of road between kerbs (m)	Minimum width of gateways (m)	Minimum turning circle between kerbs (m)	Minimum turning circle between walls (m)	Minimum clearance height (m)	Minimum carrying capacity (tonnes)
Pump	3.7	3.1	16.8	19.2	3.7	12.5
High reach	3.7	3.1	26.0	29.0	4.0	17.0

NOTES:

- 1. Fire appliances are not standardised. The building control body may, in consultation with the local fire and rescue service, use other dimensions.
- 2. The roadbase can be designed to 12.5 tonne capacity. Structures such as bridges should have the full 17-tonne capacity. The weight of high reach appliances is distributed over a number of axles, so infrequent use of a route designed to accommodate 12.5 tonnes should not cause damage.

Rev Date
C 02.02.24

Description
Planning drawings updated to incorporate agreed minor material amendment changes. Balconies removed, building height reduced, building footprint reduced and updated apartment mix and layouts.

Dwn Ckd
AH SC

Drawn SK

Checked AH

Date 11/29/21

Scale @ A1

As indicated

Jersey Wharf - Ancoats
(BA10715C)
Site Wide Fire Strategy

Project Origin Volume Level Type Role Number
JWA - PRP - A1 - 00 - DR - A - 002500

Revision

Status

C -

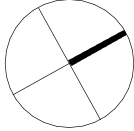
PLANNING ISSUE -

PRP

Level 0_Site Fire Strategy_Planning

1 : 250

0m 5m 10m 15m 20m



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