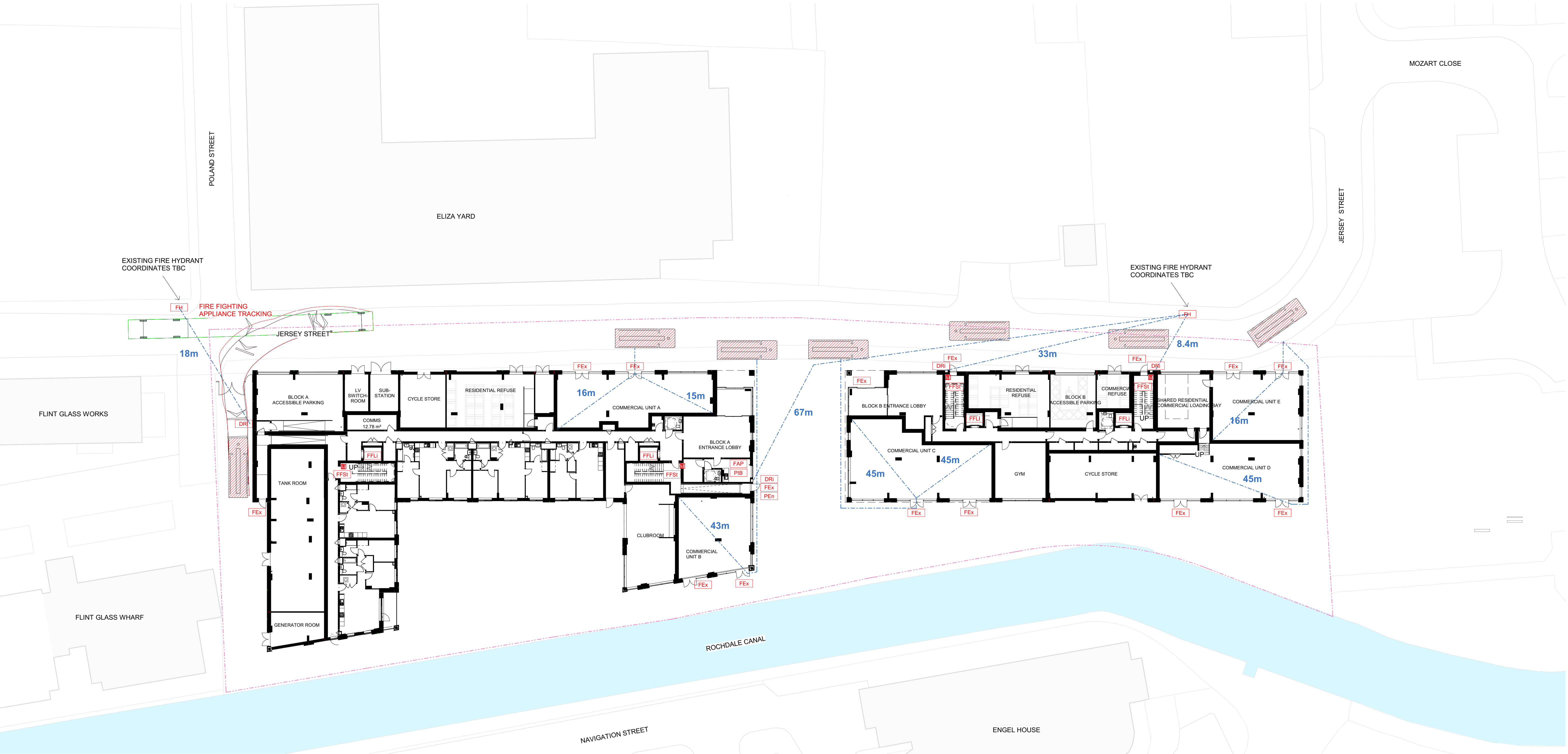




GENERAL

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.

Fire Engineers Report: REP-1921551-5A-IH-050721 (Stage 2)

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



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

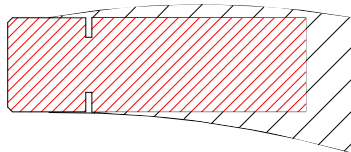
LINESTYLES

- Firemans hose length
- Notional boundary
- Relevant boundary

TAGS

- Fire Hydrant
- Premises Information Box
- Fire Brigade Drop Key
- Principal Entrance for fire fighting service
- Fire Alarm Panel
- Fire Fighting Lift
- Fire Fighting Stair
- Final Exit
- Cavity Barrier
- Naturally Vented Shaft
- Dry Riser Inlet (see also 'Fire Mains and Lifts' for signage)

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

- For dwellinghouses, access for a pumping appliance should be provided to within 45m of all points inside the dwellinghouse.
- For flats, either of the following provisions should be made:
 - 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.
 - Provide fire mains in accordance with paragraphs 13.5 and 13.6.
- Access routes and hardstandings should comply with the guidance in Table 13.1.
- 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.

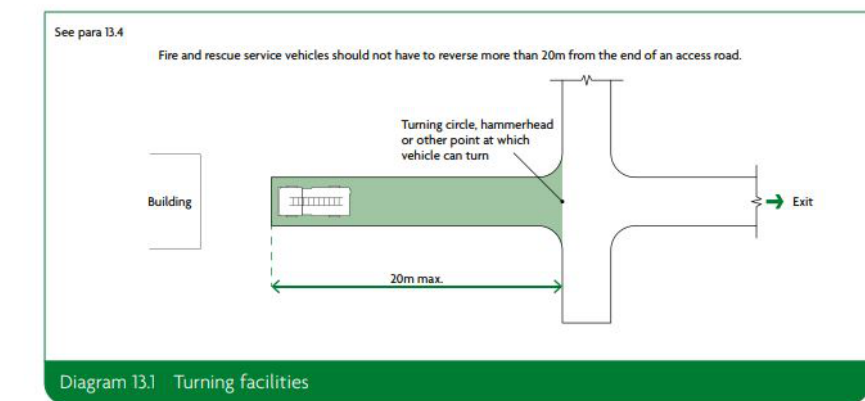


Diagram 13.1 Turning facilities

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.

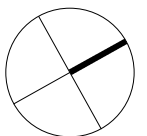
Table 13.1 Typical fire and rescue service vehicle access route specification

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

- Fire appliances are not standardised. The building control body may, in consultation with the local fire and rescue service, use other dimensions.
- 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.

Level 0_Site Fire Strategy_Planning

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CDM REGULATIONS 2015. All current drawings and specifications for the project must be read in conjunction with the Designer's Hazard and Environment Assessment Record. All intellectual property rights reserved.

Rev	Date	Description
A	29.04.2022	Issued for planning

Dwn	Ckd	Drawn	SK
AH	FS	Checked	AH
Date	11/29/21		
Scale @ A1	As indicated		

Jersey Wharf - Ancoats
(BA9225)
Site Wide Fire Strategy

Project	Origin	Volume	Level	Type	Role	Number
JWA - PRP - A1 -	00 -	DR - A -	002500			
Revision	Status					
A -	PLANNING ISSUE -					

PRP