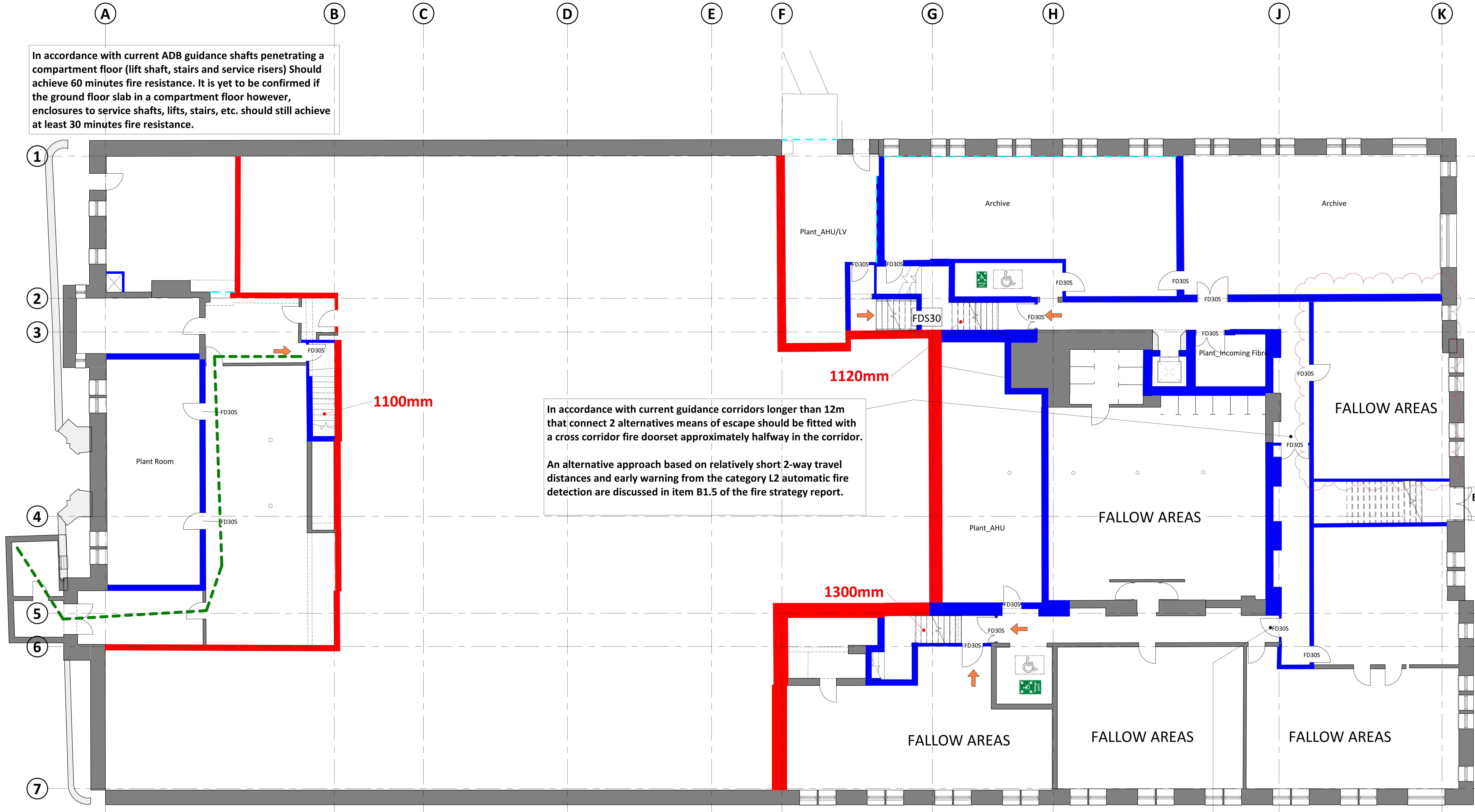

1. Basement floor fire strategy

SCALE - 1 : 100@A1

Door should be provided where dead-end corridor segment enters main corridor to separate the alternative directions of the escape at this point.

BASEMENT MAXIMUM OCCUPANCY 80

Key Plan

Legend

Legend:

- For door schedule refer to drawing 31 series & Spec. section L20
- All graphic symbols and abbreviations used are to BS 1635

Means of Escape	
	final exit
	storey exit
	escape route, direction to follow
	60 minutes compartment wall
	30 minutes compartment wall
	90 minutes compartment wall
	120 minutes compartment wall

Fire Precautions	
FD	Fire resisting doorset
S	Smoke resisting doorset
30	fire resistance of doorset, in minutes
SC	self-closing
VP	vision panel
SL	security lock
PB	pushbar door ironmongery

Safety Signs & Signals	
S13	"fire door, keep shut" (white on blue on white)
S14	"fire door, keep locked" (white on blue on white)
S21	"fire escape, keep clear" (white on blue on white)
S22	"fire exit" (white on green)
S25	"push bar to open" (white on green)
S26	Left/Right arrows as spec clause N17:150
S31	"fire extinguisher"
	Exit sign, internally illuminated
S27	Hanging direction arrows as spec clause N17:151
Refuge point	Typical sign to be positioned adjacent designated disabled refuge points and communication devices
All signs to conform to BS 5499: Part 1	

Smoke Ventilation	
S	space requiring smoke ventilation
S	smoke vent operated by emergency service door

- Location of all sounders, detectors, call points and other alarm devices to M&E drawings
- All emergency lighting to comply with BS 5266: Part 1, refer to M&E drawings
- Allow for Fire Barriers and 'Fire Foam' to seal fire walls/penetrations to achieve required fire integrity as noted on the Fire Plan.

All access controlled doors are to fail open in the event of the fire alarm sounding.

General Notes:

- Management procedures (e.g. and agreed utilisation factor, and control of timetabling and events) must be developed, implemented and documented by **The University to ensure that the building does not exceed the calculated aggregate building exit capacity of 1030 persons**.
- Fire doors: replace all faulty. worn or missing cold smoke seals/intumescent strips on fire doors. Adjusting the fire doors to ensure that they effectivley self-close in order to maintain fire and smoke separation.
- Fire compartmentation- integrity of walls to confirmed by intrusive fire survey.

Rev	Date	Drn	Chk	Description
P04	01/11/24	CJPW	ADP	Stage 03 Update- Plant room added
P03	04/10/24	CJPW	ADP	Stage 03 Issue
P02	05/09/24	CJPW	ADP	Issued for coordination
P01	05/07/24	CJPW	ADP	Stage 2 Issue

GSS architecture
KETTERING | HARROGATE | GLOUCESTER | MILTON KEYNES | NEWCASTLE

Project Title: Ramsden Building

Client: University of Huddersfield

Drawing Title: Fire Strategy Basement Floor Plan

Drawn By:	Checked By:	Scale @A1:	Date:
HXM	CJPW	As indicated	05/07/2024

Status: Preliminary Issue

File No: UNI049D

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Rev: P04