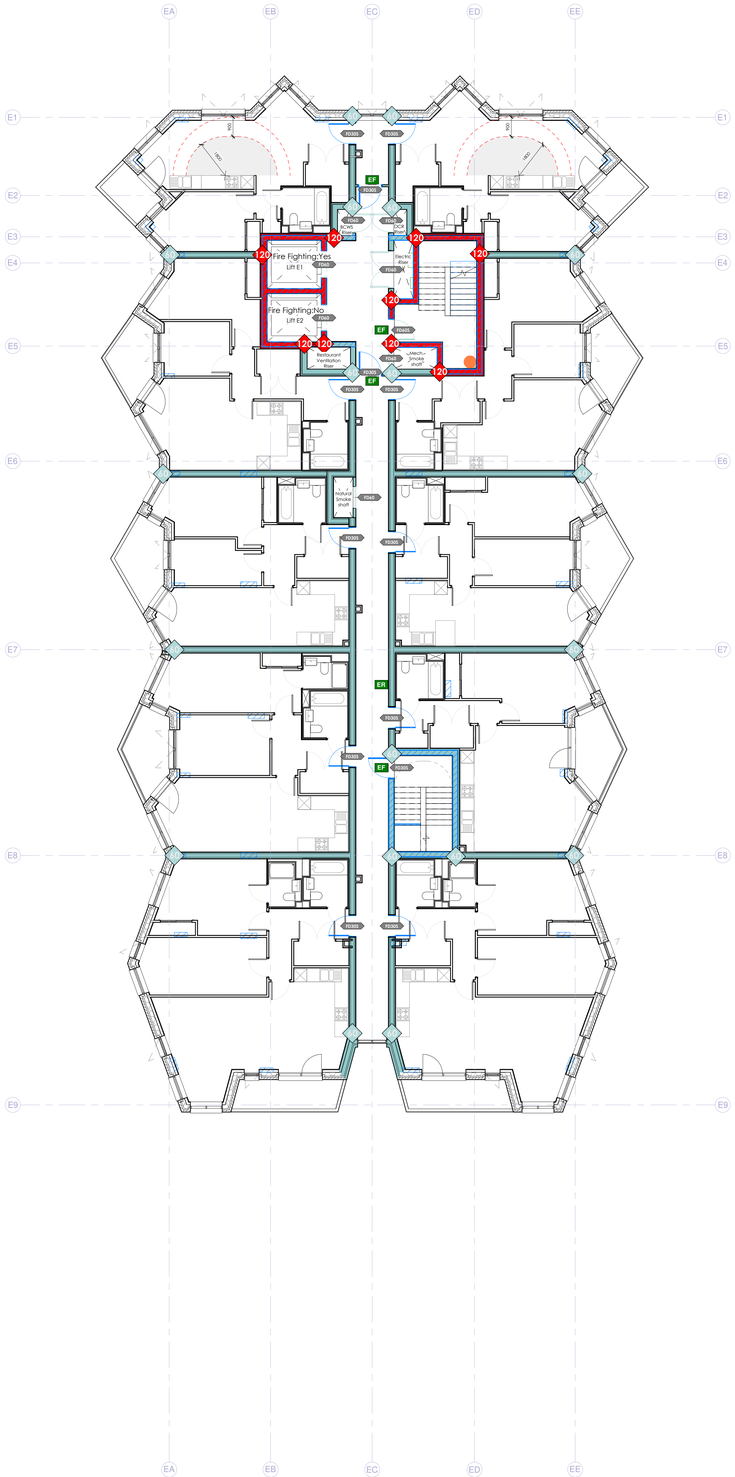


HG CONSTRUCTION

aca chartered

address : 88 Union Street London SE1 0NW **phone :** 020 7593 1000
email : mail@alancamp.com **web :** www.alancamp.com

job: Free Wharf, Shoreham-by-Sea	**drawn:** SCH -	**date:** 09/22
drawing: General Arrangement, Block E L03 Fire Strategy Plan	**scale:** 1 : 100 @ A0, 1 : 200 @ A2	**job number:** 3117
drawing number: 3117-ACA-E-03-DR-A- 1403	S0	rev. C01

note: all dimensions to be checked on site before commencement of the work. If this drawing exceeds the quantities in any way the architects are to be informed before work is commenced. this drawing is copyright.

revisions (most recent listed below, refer to DIS for all revisions)

rev	date	description	drawn	check
00	12.04.24	Draft Construction Issue	JN	HK
01	24.05.24	Construction issue	JN	HK

FIRE STRATEGY - KEY

Based on CZWG drawings: 2052-31-DR-0200-T10 - 2052-31-DR-0208-T10

FIRE RESISTING WALL CONSTRUCTION

- 240 minutes
- 120 minutes
- 90 minutes
- 60 minutes
- 30 minutes
- Fire Resistance Doors tag - refer to drawing

CAVITY BARRIERS
Below extracted from Orion Stage 3 Fire Strategy Reports dated 26.04.23

Cavity barriers should achieve a fire-resistance rating of 30 minutes to integrity and 15 minutes to insulation (E30, EI 15). This is independent of the rating of any compartment wall or floor that they are adjacent to.

Cavity barriers should be provided in all of the following locations:
• At the edges of cavities, including around openings (such as windows, doors and service penetrations).
• At the junction between an external cavity wall and every compartment floor and compartment wall.
• At the junction between an internal cavity wall and every compartment floor, compartment wall or other wall or door assembly forming a fire resisting barrier.

FIRE STOPPING - 30, 60, 90, 120, 240 MINUTE
Refer to 5000 series for detailing.

NOTE: 30min Fire Rated cavity barrier for all external openings

ESCAPE DISTANCE
Within a dwelling / protected area (longest distance on floor shown)

FIRE HOSE ROUTE / LENGTH
Including to and from dry risers (longest distance on floor shown)

DRY RISER INLET / OUTLETS

BUILDING MAIN ENTRANCE POINTS

FIRE TENDER (FIRE AND RESCUE SERVICE)

FIRE HYDRANT (Approximate Location)

AOV

Access Control Box / Premises Information Box, for emergency services.(Gerda recommended). Location TBC by fire consultant
Note: LLPS 1175 or STS 202 Security Rating

Drop Key Protection Box, above door, for emergency services.
(Gerda recommended). Location TBC by fire consultant

FIRE DOORS: FD 30S

FIRE DOORS: FD 30

FIRE DOORS: FD 60S

FIRE DOORS: FD 60

FIRE DOORS: FD 120S

FIRE DOORS: FD 120

SAFE COOKER EVACUATION ZONE

FIRE CURTAIN PROTECTIVE MEASURE

FIRE STRATEGY - SIGNAGE

Emergency escape signage should be provided in accordance with the recommendations of BS ISO 3864-1

- EDR — **Exit down right** 855499 (450 x 150)
- EDL — **Exit down left** 855499 (450 x 150)
- EF — **Exit forward** 855499 (450 x 150)
- ER — **Exit right** 855499 (450 x 150)
- EL — **Exit left** 855499 (450 x 150)

Viable Refuge Areas to communal areas. FB to approve or review. (1700 x 1100)

GA-GENERAL NOTES

Based on:

SE Surveying Topographic Survey: 006-10/15 dated 28/10/15

Boundary and Master Grid Setting Out drawing 2052-00-DR-00010.pdf to drawing 2052-00-DR-00012.pdf

ACA Block F layout derived from CZWG drawings 2052-32-DR-0109-T11.pdf to drawing 2052-32-DR-0118-T11.pdf

ACA Block E layout derived from CZWG drawings 2052-31-DR-0109-T11.pdf to drawing 2052-31-DR-0119-T11 Building E Roof GA Plan.pdf

WCH = M4(3)(2)(a) - Adaptable Wheelchair user dwelling. Refer to Approved Document M

Project North to True North: 359.46 degrees

Methods of measurement

NIA — NIA of units does not include party wall between units - areas are measured from face of party wall.

GEA — Areas are measured to outside face of external wall and centre line of party wall between different uses.

GIA — GIA areas are measured to inside face of external wall and centre line of party wall between different uses.

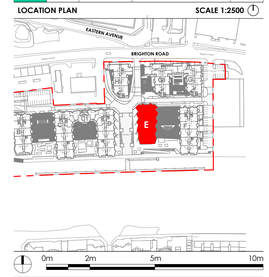
To be read in conjunction with;
1000 "GA-P" series Plans
2000 "GA-E" series Elevations
3000 "GA-S" series Sections
6000 "SC" series Schedules and Reports
4000 and 5000 "D" series Details
6500 Bathroom Types (BT#1) series
Structural Engineers Details - to follow
Mechanical Engineers Details - to follow
Civil Engineers Details - to follow

BASE INFORMATION

See below for base / linked information included within this drawing:

HATCH	INFO	COMPANY	SPECIFIC DRAWING OR MODEL / SERIES REF	DATE RECVD
	Structure	IESS	SE2002-ISS-XX-XX-M3-0001 (Rev P27)	22/05/24
	MEP	Catford Seaden	FWF-CAL-ZZ-ZZ-M3-ME-10000 (Rev P23)	22/05/24
	Landscape	Allen Pyke	3131-APA-BE-XX-DR-L-1002 (Rev P01)	31/05/23

LOCATION PLAN **SCALE 1:2500**



Block E L03 Fire Strategy Plan