

DO NOT SCALE FROM THIS DRAWING.
ALL DIMENSIONS TO BE CHECKED ON SITE.
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TENDER

I = Information, T = Tender, C = Construction, R = Record

OCCUPANCY PER FLOOR

GROUND FLOOR	32 Children / 4+5 Staff
FIRST FLOOR	55 Children / 15 Staff

TRAVEL DISTANCE

GROUND FLOOR

A = 8.3 m to protected compartment / 15.5 m to final escape
 B = 10.3 m to protected compartment / 17.5 m to final escape
 C = 2.4 m to protected compartment / 11.4 m to final escape
 D = 3.8 m to protected compartment / 12.4 m to final escape
 E = 6.4 m to protected compartment / 6.4 m to final escape
 F = 8.6 m to protected compartment / 8.6 m to final escape
 G = 4.7 m to protected compartment / 4.7 m to final escape

FIRST FLOOR

H = 11.2 m to protected compartment / 18.5 m to final escape
 J = 10.8 m to protected compartment / 10.8 m to final escape
 K = 4.3 m to protected compartment / 4.3 m to final escape
 L = 9.7 m to protected compartment / 9.7 m to final escape
 M = 9.5 m to protected compartment / 9.5 m to final escape
 N = 6.9 m to protected compartment / 15.2 m to final escape
 P = 2.9 m to protected compartment / 10.7 m to final escape

NOTES:

ACCORDING TO GUIDANCE FROM THE DEPARTMENT OF EDUCATION WITHIN BB100 (THE FIRE STRATEGY DESIGN GUIDE FOR SCHOOLS) NURSERIES SHOULD NOT BE LOCATED ABOVE GROUND FLOOR. THE BUILDING OPERATOR SHOULD ENSURE THAT SUFFICIENT ADEQUATELY-TRAINED STAFF ARE AVAILABLE TO MANAGE THE EVACUATION OF CHILDREN IN CASE OF FIRE, AND CONSIDERATION SHOULD BE GIVEN TO THE LOCATION ABOVE GROUND OF CHILDREN OF VARIOUS AGES AS PART OF AN APPROPRIATE MANAGEMENT STRATEGY. THE NUMBER OF STAFF NECESSARY TO MANAGE THE SAFE EVACUATION MAY NECESSARILY EXCEED THE MINIMUM STAFFING LEVELS REQUIRED FOR THE CARE OF CHILDREN.

THESE ARE DIAGRAMMATIC REPRESENTATIONS OF COMPARTMENTATION ONLY. FURTHER ATTENTION WILL BE REQUIRED TO DETAILING IN ORDER TO ENSURE PROPER COMPARTMENTATION AND FIRE RESISTANCE IN LINE WITH THE REQUIREMENTS OF APPROVED DOCUMENT PART B: VOLUME 2 OF THE BUILDING REGULATIONS.

AS OPENING UP WORKS HAVE NOT YET BEEN CARRIED OUT, THE INHERENT FIRE RATING OF ALL EXISTING INTERNAL WALLS WILL NEED TO BE ESTABLISHED BY THE CONTRACTOR THROUGH SURVEYS AT THE OUTSET OF THE PROJECT. WHERE FIRE-RESISTANCE OF EXISTING ELEMENTS DOES NOT MEET THE LEVELS REQUIRED BY THE FIRE STRATEGY, THE CONTRACTOR IS TO PROVIDE PROPOSALS OF HOW UPGRADES WILL BE MADE FOR REVIEW BY THE APPROVED INSPECTOR. UPGRADES THAT REQUIRE DEVIATION FROM THE PROPOSED PLANS MAY REQUIRE LISTED BUILDING CONSENT. IF IN DOUBT CONTACT THE ARCHITECT AND PLANNING CONSULTANT.

REV	DATE	DESCRIPTION	DRAWN	CHKD
01	29.08.23	Updated to suit latest GA revisions. Issued for Tender	TC	JFM



NURSERY LOCATION
GREENWICH MV
COUNTRY
ENGLAND

PROJECT
**N FAMILY CLUB
NEW NURSERY**

DRAWING
**PROPOSED ALL FLOORS
FIRE STRATEGY**

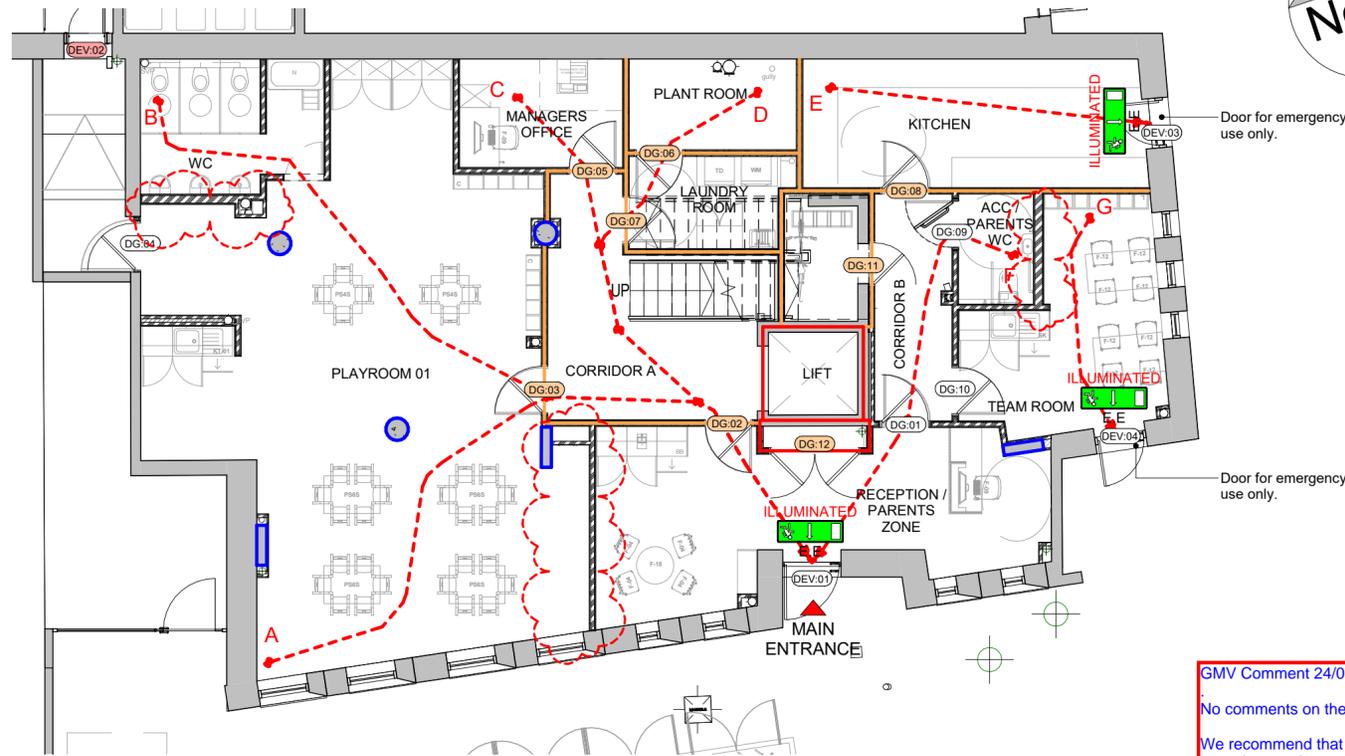
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SCALE	PAPER SIZE	DATE	DRAWN	CHECKED
As indicated	A2	04.08.23	TC	JFM

PROJECT No.	DISCIPLINE CODE	DRAWING No.
GMV001	A	311

CONSULTANT PROJECT No.	STATUS	REVISION
G4752	T	01



GMV Comment 24/09/23:
No comments on the internal fire strategy.
We recommend that N-Family Club's fire consultant reviews.

1 PROPOSED GROUND FLOOR FIRE STRATEGY PLAN
311 1 : 100

DRAWING TO BE READ IN CONJUNCTION WITH 3FE FIRE REPORT

FIRE EXTINGUISHER TYPES AND QUANTITIES TO BE ADVISED BY N FAMILY

ADDITIONAL NOTES:

THE MINIMUM ACCEPTABLE DETECTION AND ALARM SYSTEM FOR AN A2 RISK PROFILE IS AN M CATEGORY. HOWEVER, AN L2 CATEGORY IS RECOMMENDED TO GIVE EARLIER WARNING OF FIRE TO THE OCCUPANTS.

THERE IS SPRINKLER PROVISION TO THIS UNIT. THEREFORE THE RISK PROFILE IS REDUCED TO A1.

ALL ELEMENTS OF MAIN STRUCTURE SHOULD HAVE A MINIMUM PERIOD OF FIRE RESISTANCE OF 120 MINUTES, EITHER VIA INTUMESCENT PAINT APPLIED TO STEELWORK, OR ENCASING IN FIRELINING BOARDS. FURTHERMORE, ANY MEMBER OF STRUCTURE SUPPORTING THE STRUCTURE FOR THE BUILDING ABOVE SHOULD ALSO BE PROTECTED WITH 120 MINUTES FIRE RESISTANCE. THE FLOORS ARE ELEMENTS OF STRUCTURE, THEREFORE THEY WILL REQUIRE 120 MINUTES FIRE RESISTANCE.

INHERENT FIRE RATING OF EXISTING INTERNAL WALLS IS TO BE ESTABLISHED. CONTINUITY OF 120MIN FIRE PROTECTION OF THE STRUCTURAL FLOORS IS REQUIRED SO WHERE EXISTING WALLS BREAK THIS THEY WILL NEED TO BE UPGRADED ACCORDINGLY.

ALL ACCESS CONTROLS TO DOORS ALLOWING ENTRY BACK INTO THE BUILDING SHOULD FAIL SAFE IN THE EVENT OF FIRE OR LOSS OF POWER.

ALL GLAZED ELEMENTS BETWEEN ANY FLOOR AREA AND THE ESCAPE ROUTES OR PROTECTED CORE SHOULD BE EI 30.

GLAZING ON ALL FD30S DOORS DOES NOT NEED TO BE EI30 WHERE THE GLAZED AREA IS LESS THAN THE 25% OF THE DOOR AREA.

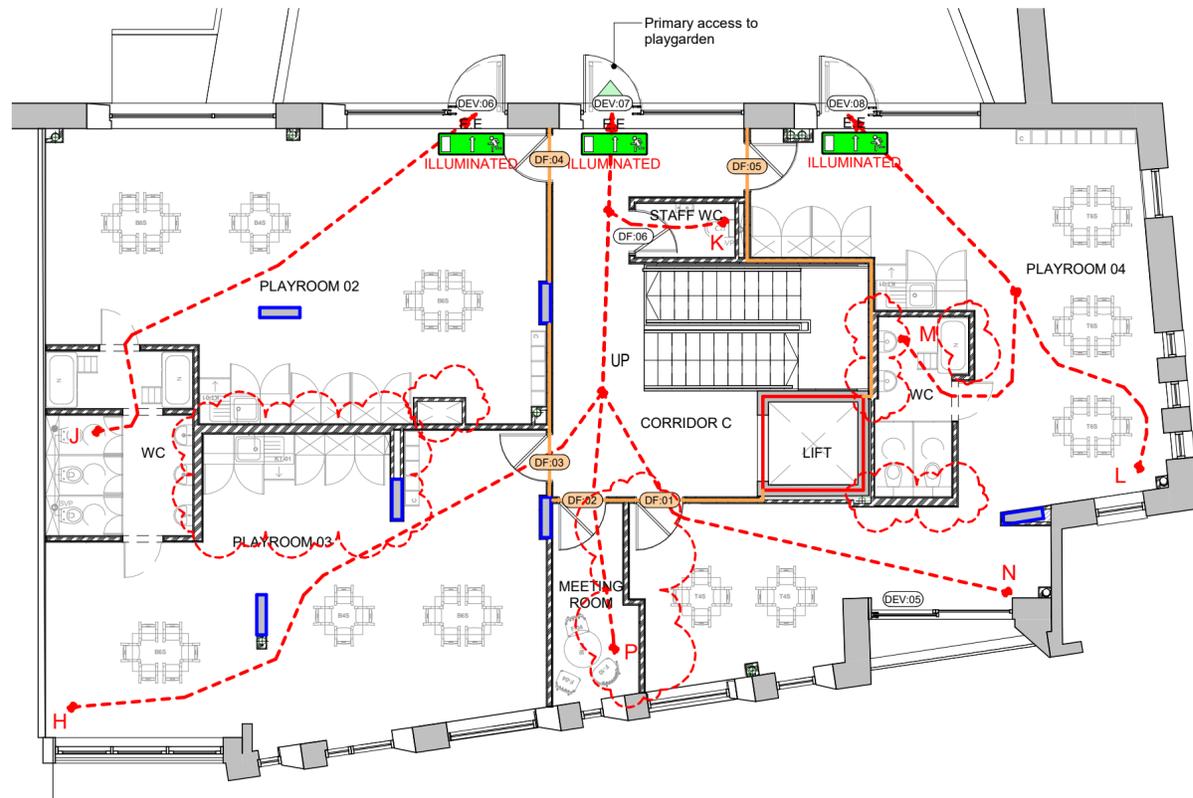
ALL PARTS OF THE BUILDING ARE WITHIN A 45M HOSE DISTANCE FROM WHERE A FIRE TRUCK COULD ACCESS AND PARK.

FIRE STOPPING CAVITY BARRIERS REQUIRED TO ENSURE COMPARTMENTATION BETWEEN FLOORS AND ROOMS E.G. WITHIN CAVITY WALLS, BELOW SUSPENDED FLOORS, WITHIN SUSPENDED CEILINGS. THE MAXIMUM SPACING OF CAVITY BARRIERS SHOULD BE 20m IN ANY DIRECTION.

FIRE STOPPING REQUIRED TO ANY SERVICES PASSING THROUGH COMPARTMENT WALLS WITH AN INTUMESCENT FIRE COLLAR OR SIMILAR.

DRAWING KEY:

30min COMPARTMENT	DG-00 30min RATED FIRE DOOR (FD30s)
60min COMPARTMENT	DG-00 60min RATED FIRE DOOR (FD60s)
120min COMPARTMENT	E30 FIRE RATING OF GLAZING (E = Integrity / I = Insulation)
LONGEST EVACUATION ROUTE	E EXIT SIGNAGE
FIRE CURTAIN	EMERGENCY LIGHTING
SMOKE DETECTOR WITH SOUNDER	FIRE ALARM ZONE ISOLATOR
HEAT DETECTOR WITH SOUNDER	LOOP WIRE FIRE ALARM SYSTEM SOUNDER
SPRINKLER	BREAK GLASS UNIT
FIRE ALARM PANEL	LOOP WIRE FLASHING BEACON BUZZER UNIT



2 PROPOSED FIRST FLOOR FIRE STRATEGY PLAN
311 1 : 100