

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

TENDER

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

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**

CONSULTANT
LEWIS AND HICKEY
DISCIPLINE DESCRIPTION
ARCHITECTURE

CONSULTANT LOGO

L & H

LEWIS AND HICKEY

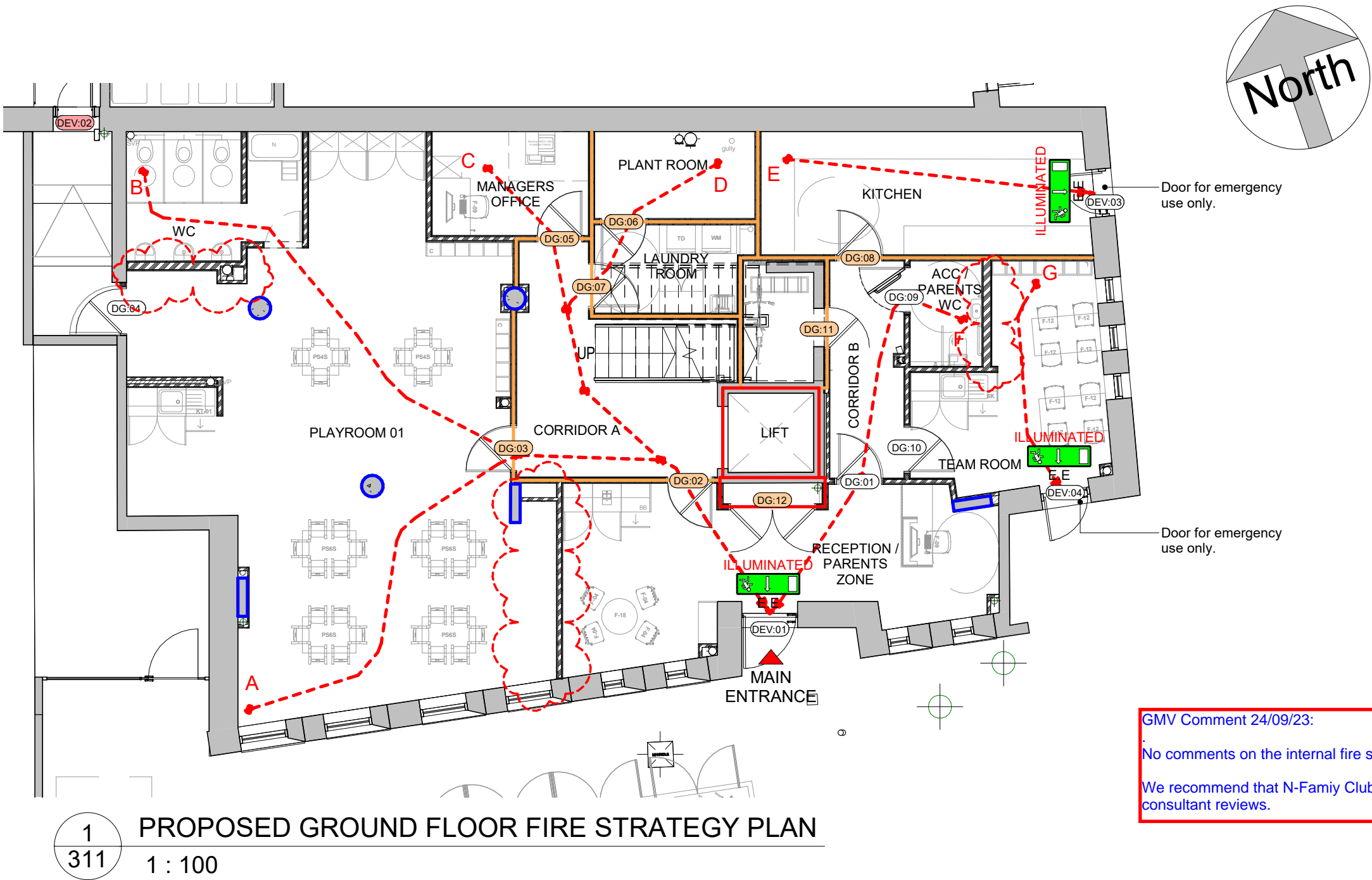
18 Farnham Road
Guildford
Surrey
GU1 4XA

Tel: 01483 560908
Fax: 01483 560660
Email: guildford@lewishickey.com

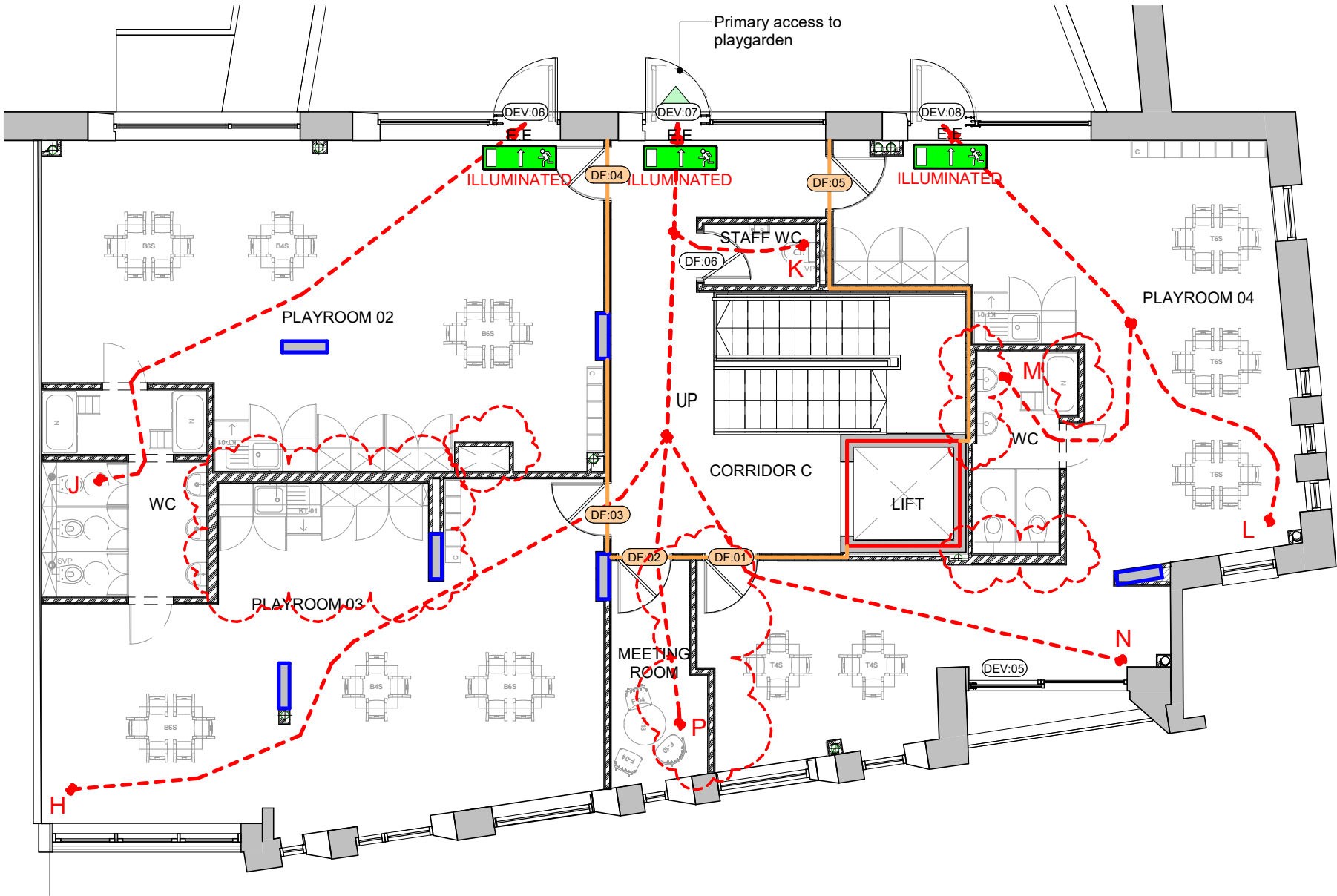
SCALE	PAPER SIZE	DATE	DRAWN	CHECKED
As indicated	A2	04.08.23	TC	JFM

PROJECT No.	DISCIPLINE CODE	DRAWING No.
GMV001	A	311

CONSULTANT PROJECT No.	STATUS	REVISION
G4752	T	01



1
311
PROPOSED GROUND FLOOR FIRE STRATEGY PLAN
1 : 100



2
311
PROPOSED FIRST FLOOR FIRE STRATEGY PLAN
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	30min RATED FIRE DOOR (FD30s)
60min COMPARTMENT	60min RATED FIRE DOOR (FD60s)
120min COMPARTMENT	FIRE RATING OF GLAZING (E = Integrity / I = Insulation)
LONGEST EVACUATION ROUTE	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