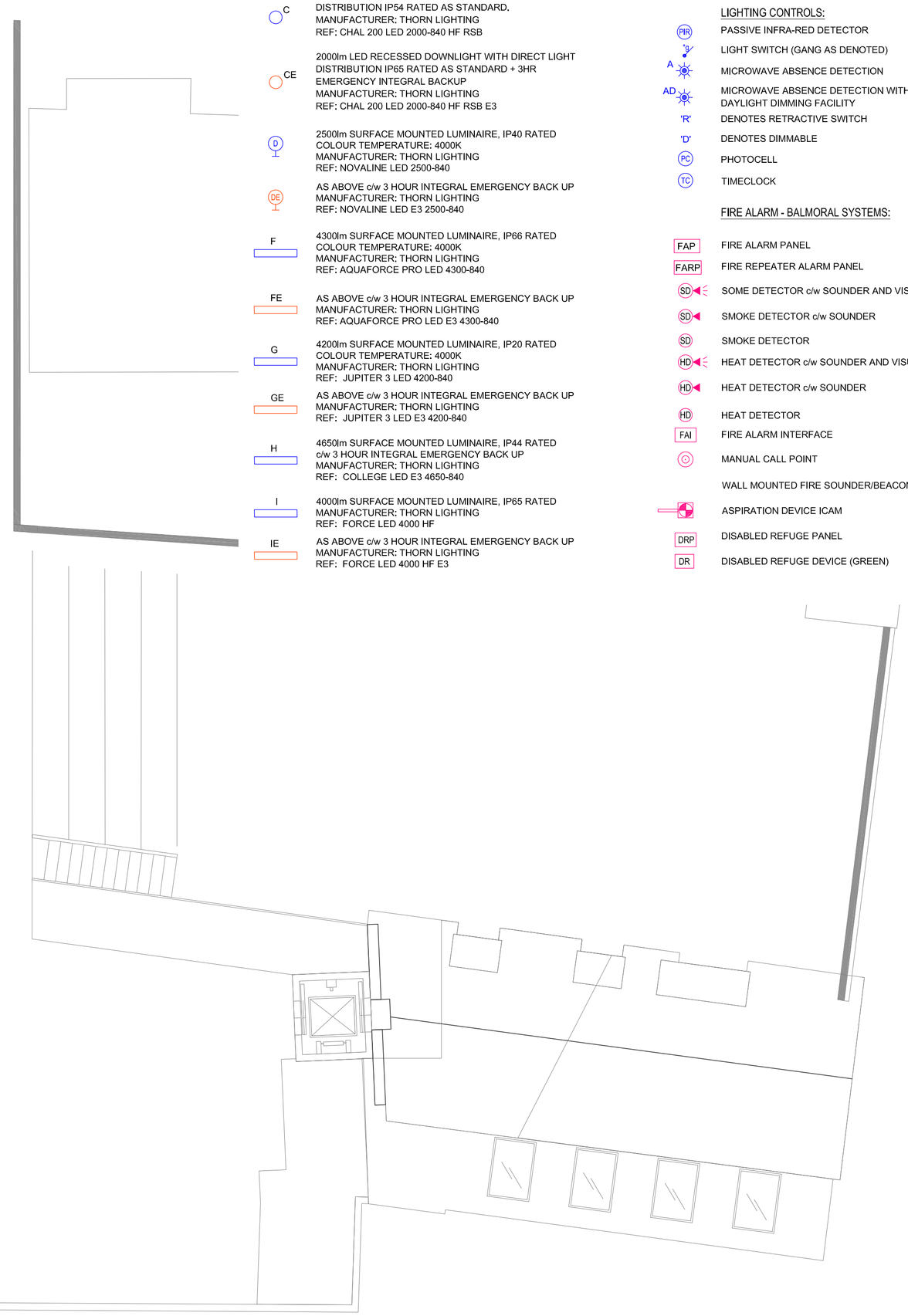

LEGEND:

LIGHTING:

A	4200lm RECESSED MOUNTED LUMINAIRE, IP40 RATED COLOUR TEMPERATURE: 4000K MANUFACTURER: THORN LIGHTING REF: OMEGA PRO LED 4200-840
AE	AS ABOVE c/w 3 HOUR INTEGRAL EMERGENCY BACK UP MANUFACTURER: THORN LIGHTING REF: OMEGA PRO LED E3 4200-840
AD	DENOTES DIMMABLE IN THE STANDARD AND EMERGENCY FITTINGS MANUFACTURER: THORN LIGHTING REF: OMEGA PRO LED HFIX 4200-840
BE	4100lm RECESSED MOUNTED LUMINAIRE, IP65 RATED c/w 3 HOUR INTEGRAL EMERGENCY BACK UP COLOUR TEMPERATURE: 4000K MANUFACTURER: THORN LIGHTING REF: DUOPROOF LED 4100-840
C	2000lm LED RECESSED DOWNLIGHT WITH DIRECT LIGHT DISTRIBUTION IP54 RATED AS STANDARD. MANUFACTURER: THORN LIGHTING REF: CHAL 200 LED 2000-840 HF RSB
CE	2000lm LED RECESSED DOWNLIGHT WITH DIRECT LIGHT DISTRIBUTION IP65 RATED AS STANDARD + 3HR EMERGENCY INTEGRAL BACKUP MANUFACTURER: THORN LIGHTING REF: CHAL 200 LED 2000-840 HF RSB E3
D	2500lm SURFACE MOUNTED LUMINAIRE, IP40 RATED COLOUR TEMPERATURE: 4000K MANUFACTURER: THORN LIGHTING REF: NOVALINE LED 2500-840
DE	AS ABOVE c/w 3 HOUR INTEGRAL EMERGENCY BACK UP MANUFACTURER: THORN LIGHTING REF: NOVALINE LED E3 2500-840
F	4300lm SURFACE MOUNTED LUMINAIRE, IP66 RATED COLOUR TEMPERATURE: 4000K MANUFACTURER: THORN LIGHTING REF: AQUAFORCE PRO LED 4300-840
FE	AS ABOVE c/w 3 HOUR INTEGRAL EMERGENCY BACK UP MANUFACTURER: THORN LIGHTING REF: AQUAFORCE PRO LED E3 4300-840
G	4200lm SURFACE MOUNTED LUMINAIRE, IP20 RATED COLOUR TEMPERATURE: 4000K MANUFACTURER: THORN LIGHTING REF: JUPITER 3 LED 4200-840
GE	AS ABOVE c/w 3 HOUR INTEGRAL EMERGENCY BACK UP MANUFACTURER: THORN LIGHTING REF: JUPITER 3 LED E3 4200-840
H	4650lm SURFACE MOUNTED LUMINAIRE, IP44 RATED c/w 3 HOUR INTEGRAL EMERGENCY BACK UP MANUFACTURER: THORN LIGHTING REF: COLLEGE LED E3 4650-840
I	4000lm SURFACE MOUNTED LUMINAIRE, IP65 RATED MANUFACTURER: THORN LIGHTING REF: FORCE LED 4000 HF
IE	AS ABOVE c/w 3 HOUR INTEGRAL EMERGENCY BACK UP MANUFACTURER: THORN LIGHTING REF: FORCE LED 4000 HF E3
J	4900lm SUSPENDED MOUNTED LUMINAIRE, IP40 RATED COLOUR TEMPERATURE: 4000K MANUFACTURER: THORN LIGHTING REF: IQ WAVE LED 4900-840
JE	AS ABOVE c/w 3 HOUR INTEGRAL EMERGENCY BACK UP MANUFACTURER: THORN LIGHTING REF: IQ WAVE LED E3 4900-840
EXE	1690lm SURFACE MOUNTED LUMINAIRE, IP40 RATED c/w 3 HOUR INTEGRAL EMERGENCY BACK UP, COLOUR TEMPERATURE: 4000K MANUFACTURER: THORN LIGHTING REF: PIAZZA II LED 1690-840 HF E3 ANT
	ILLUMINATED EMERGENCY EXIT SIGN
EX	IP 65 RATED EXTERNAL MOUNTED BULKHEAD

LIGHTING CONTROLS:

PIR	PASSIVE INFRA-RED DETECTOR
	LIGHT SWITCH (GANG AS DENOTED)
A	MICROWAVE ABSENCE DETECTION
AD	MICROWAVE ABSENCE DETECTION WITH DAYLIGHT DIMMING FACILITY
'R'	DENOTES RETRACTIVE SWITCH
'D'	DENOTES DIMMABLE
PC	PHOTOCELL
TC	TIMECLOCK

FIRE ALARM - BALMORAL SYSTEMS:

FAP	FIRE ALARM PANEL
FARP	FIRE REPEATER ALARM PANEL
SD	SOME DETECTOR c/w SOUNDER AND VISUAL BEACON
SD	SMOKE DETECTOR c/w SOUNDER
SD	SMOKE DETECTOR
HD	HEAT DETECTOR c/w SOUNDER AND VISUAL BEACON
HD	HEAT DETECTOR c/w SOUNDER
HD	HEAT DETECTOR
FAI	FIRE ALARM INTERFACE
	MANUAL CALL POINT
	WALL MOUNTED FIRE SOUNDER/BEACON
	ASPIRATION DEVICE ICAM
DRP	DISABLED REFUGE PANEL
DR	DISABLED REFUGE DEVICE (GREEN)

1 0 1 2 3 4 5 m
SCALE 1:100

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1. LIGHTING TO BE INSTALLED IN A NEAT AND TIDY FASHION, TO BE APPROACHED IN LINE WITH THE BUILDING'S HISTORICAL INTEREST AND WITH THE HERITAGE OFFICERS AGREEMENT PRIOR TO INSTALLATION. INSTALLATION TO BE INSTALLED FLUSH TO THE BUILDING FABRIC WHEREVER POSSIBLE CONTAINED WITHIN CEILING VOIDS OR BOXINGS IN THE CORNER OF ROOMS ETC.

REV	DESCRIPTION	DATE	BY	CHKD
D	Updated General Arrangement	24/04/2019	FL	SM
C	Client Logo Amended	08/04/2019	FL	KP
B	Revision as Clouded	01/04/2019	CU	SM
A	Updated to Suit Architect Layouts	07/11/2018	CU	SM

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CLIENT:
Department for Education

IN ASSOCIATION WITH:

PROJECT:
Abacus Belsize Primary School
Hampstead, London

TITLE:
Electrical Services
Proposed Lighting and Fire Alarm Layout
Second Floor

DRAWN BY:	FL	SCALE:	1:100 @ A1
CHECKED BY:	SM	DATE:	12/09/2018

STATUS:
TENDER

DRAWING No:

PROJECT:	ORG:	ZONE:	LEVEL:	TYPE:	ROLE:	NUMBER:	REV:
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