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LIGHTING	
SYMBOL	DESCRIPTION
E	DENOTES EMERGENCY LIGHTING "E" SUPPLEMENTARY ANNOTATION
M	DENOTES MAINTAINED
NM	DENOTES NON-MAINTAINED
N	RECESSED MODULAR LUMINAIRE "Y" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
N E	RECESSED MODULAR LUMINAIRE WITH 3W EMERGENCY "Y" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
N	CEILING MOUNTED LINEAR LUMINAIRE "Y" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
N E	CEILING MOUNTED LINEAR LUMINAIRE WITH 3W EMERGENCY "Y" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
N	CEILING MOUNTED LUMINAIRE "Y" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
N E	CEILING MOUNTED LUMINAIRE WITH 3HR EMERGENCY "Y" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
N	WALL MOUNTED LUMINAIRE "Y" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
N E	WALL MOUNTED LUMINAIRE WITH 3HR EMERGENCY "Y" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
N	CEILING MOUNTED DIRECTIONAL SPOT LIGHT "Y" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
TE LUMEN	ILLUMINATED EMERGENCY EXIT SIGN WITH DIRECTIONAL ARROW: M DENOTES MAINTAINED AND N DENOTES NON-MAINTAINED
N	TWIN HEAD SURFACE MOUNTED STAND ALONE EMERGENCY EXIT LIGHT C/W BATTERY PACK
LED "Y"	LED STRIP "Y" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
"Y"	LED TRACK "Y" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
N	LED MICRO POINT CEILING MOUNTED 3HR EMERGENCY "Y" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
N	LOWHIGH BAY LIGHTING FITTING "Y" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
N	LOWHIGH BAY LIGHTING FITTING WITH 3HR EMERGENCY "Y" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE

SWITCHING	
SYMBOL	DESCRIPTION
	LIGHT SWITCH (1 st DENOTES NUMBER OF GANGS)
	2 WAY LIGHT SWITCH (1 st DENOTES NUMBER OF GANGS)
	KEY SWITCH (1 st DENOTES NUMBER OF GANGS)
	LIGHTING CONTROL MODULE
	PRESENCE DETECTOR (CEILING MOUNTED)
	ABSENCE DETECTOR (CEILING MOUNTED)

<u>ELECTRICAL MISCELLANEOUS</u>	
<u>SYMBOL</u>	<u>DESCRIPTION</u>
	FLEXIBLE CONNECTION
	20A DOUBLE POLE ISOLATOR
	EARTH ROD

SMALL POWER	
SYMBOL	DESCRIPTION
	SINGLE GANG 13 AMP SWITCHED SOCKET OUTLET
	TWIN 13 AMP SWITCHED SOCKET OUTLET
	SINGLE GANG 13AMP UNSWITCHED SOCKET OUTLET
	TWIN 13 AMP UNSWITCHED SOCKET OUTLET
	13 AMP SWITCHED FUSE CONNECTION UNIT
	13 AMP UNSWITCHED FUSE CONNECTION UNIT
	13 AMP UNSWITCHED FUSE CONNECTION UNIT WITH NEON
	13 AMP UNSWITCHED FUSE CONNECTION UNIT WITH NEON
	FLEX OUTLET PLATE
	SINGLE 13A CLEANERS SOCKET OUTLET
	NON-STANDARD UNSWITCHED SOCKET OUTLET
	3 POLE FAN ISOLATOR
	SPIN ISOLATOR *PA DENOTES RATING (AMPS) *PAP DENOTES POLE
	TPM ISOLATOR *PA DENOTES RATING (AMPS) *PAP DENOTES POLE
	FLOOR SERVICE OUTLET BOX (*P DENOTES REFERENCE)
	HAND DRYER
	BS EN 60039 CEEFORM SOCKET SPAN + EARTH RATING AS SHOWN
	BS EN 60039 CEEFORM SOCKET TPM + EARTH RATING AS SHOWN
	UNDERFLOOR POWER TRACK AS DESCRIBED

DISTRIBUTION	
SYMBOL	DESCRIPTION
	CONSUMER UNIT
	DISTRIBUTION BOARD
	SWITCH BOARD
	R.E.C SERVICE HEAD
	PANEL BOARD
	3-COMPARTMENT TRUNKING
	LIGHTING CIRCUIT
	SMALL POWER CIRCUIT

COMMUNICATIONS & AV	
SYMBOL	DESCRIPTION
	TELEPHONE OUTLET (2 DENOTES OUTLET)
	DATA RJ45 OUTLET (N= NUMBER OF OUTLETS) AV - DENOTES AUDIO VISUAL CONTROL CD - DENOTES CCTV CONNECTION CG - DENOTES GENERAL PURPOSE LC - DENOTES LIGHTING CONTROL LD - DENOTES LOUDSPEAKER SC - DENOTES SCREEN WAP - DENOTES WIRELESS ACCESS POINT NC - DENOTES NURSE CALL
	GSM AUTO DIALER AND SOCKET OUTLET

FIRE ALARM	
SYMBOL	DESCRIPTION
	MANUAL BREAK GLASS UNIT OR SECONDARY COVER
	YELLOW BREAKGLASS UNIT FOR OPENABLE STAIR SMOKE VENT
	SMOKE DETECTOR
	SMOKE DETECTOR WITHIN CEILING VOID
	COMBINED SMOKE DETECTOR WITH SOUNDER
	COMBINED SMOKE DETECTOR WITH BEACON
	SMOKE DETECTOR WITH SOUNDER & BEACON
	HEAT DETECTOR (R DENOTES RATE OF RISE DETECTION) IF SHOWN
	COMBINED HEAT DETECTOR WITH SOUNDER (R DENOTES RATE OF RISE DETECTION) IF SHOWN
	COMBINED HEAT DETECTOR WITH BEACON (R DENOTES RATE OF RISE DETECTION) IF SHOWN
	HEAT DETECTOR WITH SOUNDER & BEACON (R DENOTES RATE OF RISE DETECTION) IF SHOWN
	WALL MOUNTED SOUNDER
	WALL MOUNTED SOUNDER WITH BEACON
	FIRE ALARM INTERFACE
	MAIN FIRE ALARM PANEL
	FIRE ALARM REPEATER PANEL
	DOOR HOLDER/RELEASE
	AIR SAMPLING PIPE/WORK

LIGHTING (EXTERNAL)	
SYMBOL	DESCRIPTION
	COLUMN MOUNTED FITTING "n" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
	WALL MOUNTED FLOOD LIGHT "n" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
	WALL MOUNTED LUMINAIRE "n" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE
	BOLLARD LUMINAIRE "n" DENOTES FITTING REFERENCE REFER TO LUMINAIRE SCHEDULE

DISABLED ALARMS	
SYMBOL	DESCRIPTION
	DISABLED TOILET ALARM CEILING MOUNTED PULL CORD WITH REASSURANCE INDICATION
	DISABLED TOILET ALARM FLUSH MOUNTED REMOTE INDICATOR LAMP/BUZZER UNIT MOUNTED HIGH LEVEL MOVIE DOOR
	DISABLED TOILET ALARM FLUSH MOUNTED RESET UNIT
	DISABLED REFUGE ALARM CONTROL PANEL
	REFUGE ALARM PANEL
	DISABLED REFUGE ALARM REPEATER PANEL
	DISABLED REFUGE ALARM CALL STATION
	POWER SUPPLY UNIT

EXTERNAL SERVICES	
SYMBOL	DESCRIPTION
	GAS KIOSK
	TELECOMS CHAMBER
	OPENREACH CHAMBER
	WASH OUT
	WATER HYDRANT
	WATER METER
	LANDLORDS KIOSK
	ELECTRIC VEHICLE CHARGER (ACTIVE)
	ELECTRIC VEHICLE CHARGER (PASSIVE)
	DUCTING CHAMBER
	LOW VOLTAGE
	HIGH VOLTAGE
	BT OPENREACH
	WATER
	GAS
	TELECOMS
	EXTERNAL LIGHTING TRUNKING
	EXTERNAL LIGHTING TRUNKING

EARTHING & LIGHTNING PROTECTION	
SYMBOL	DESCRIPTION
	EARTH PIT
	EARTH POINT SB - DENOTES SUPPLEMENTARY BOND POINT MB - DENOTES MAIN EARTHING POINT
	AIR TERMINATION POINT
	DOWN CONDUCTOR
	25x3mm AIR TERMINATION TAPE
	STRIKE PAD

DOMESTIC WATER SERVICES	
SYMBOL	DESCRIPTION
	UNVENTED ELECTRIC WATER HEATER (LOCATED IN RADIANT WARMING UNIT, CEILING VOID OR UNDER SINK)
	ELECTRIC SHOWER UNIT (ESU)
	WASH HAND BASIN
	KITCHEN / CLEANERS SINK
	WC / DISHWASHER
	DOMESTIC HOT WATER PIPEWORK
	DOMESTIC COLD WATER PIPEWORK

MECHANICAL SERVICES	
SYMBOL	DESCRIPTION
	MECHANICAL EQUIPMENT REFERENCE
	CENTRAL AIR HANDLING UNIT
	FRESH AIR SUPPLY & EXTRACT HEAT RECOVERY VENTILATION UNIT
	WALL MOUNTED FAN COIL UNIT
	600 x 600 CASSETTE STYLE FAN COIL UNIT
	DUCTED FAN COIL UNIT
	CASSETTE STYLE FAN COIL UNIT
	VRF/VRV SYSTEM EXTERNAL CONDENSER UNIT
	SPLIT / MULTI-SPLIT EXTERNAL CONDENSER UNIT
	VRF BRANCH CONTROLLER (BC BOX)
	EXTRACT BELLMOUTH
	SUPPLY AIR DIFFUSER
	RETURN AIR GRILLE
	EXTRACT AIR VALVE
	INLINE FAN EXTRACT UNIT
	INLINE TWIN EXTRACT FAN UNIT
	DUCT MOUNTED / CROSS-TALK ATTENUATOR
	WALL MOUNTED ELECTRIC PANEL HEATER on 7 DAY PROGRAMMER AND THERMOSTAT
	LOW SURFACE TEMPERATURE WALL MOUNTED PANEL HEATER on 7 DAY PROGRAMMER AND THERMOSTAT
	ELECTRIC AIR CURTAIN OVERDOOR HEATER
	CEILING MOUNTED ELECTRICAL PANEL IN DISABLED TOILET on 7 DAY PROGRAMMER & THERMOSTAT
	WALL MOUNTED FCU / M+HR / AIR CURTAIN CONTROLLER
	WALL MOUNTED CO2 SENSOR
	REFRIGERANT LEAK DETECTION SENSOR
	SMOKE/FIRE DAMPER
	FIRE DAMPER
	VOLUME CONTROL DAMPER
	FRESH AIR INTAKE VIA PLENUM CONNECTION TO WEATHERPROOF LOUVRE on INSECT MESH
	EXHAUST AIR DISCHARGED TO ATMOSPHERE VIA PLENUM CONNECTION TO WEATHERPROOF LOUVRE on INSECT MESH
	FLOW & RETURN REFRIGERATION PIPEWORK
	INTAKE & SUPPLY AIR DUCTWORK
	RETURN & EXHAUST AIR DUCTWORK

ABOVE GROUND DRAINAGE SERVICES	
SYMBOL	DESCRIPTION
	CONDENSATE DRAIN FROM FAN COIL UNITS. CONDENSATE WASTE WITH DRY SEAL TRAP
	SVP VENT TO ATMOSPHERE (POSITION OF EXTERNAL EXTRACT LOUVER SUBJECT TO SURVEY OF STEEL STRUCTURE)
	SAFETY VALVE DISCHARGE OVERFLOW CONNECTION WITH DRY SEAL TRAP (NOT REQUIRED WITH ZP WATER HEATER)
	WC WASTE CONNECTION
	VHB / SINK / DISHWASHER WASTE CONNECTION
	STUB-STACK
	FLOOR / SHOWER GULLY
	SOIL VENT PIPE
	PVC DRAINAGE PIPEWORK

ABBREVIATION REFERENCES			
CODE	DESCRIPTION	CODE	DESCRIPTION
A	AMPS	KW	KILOWATTS
AC	ALTERNATE CONTROL	KVA	KILO-VOLTS AMPS
ACB	AIR-CIRCUIT BREAKER	LV	LOW LEVEL
AFD	ARC-FAULT DETECTION DEVICE	LLD	LOW LIMIT SWITCH
APU	AIR HANDLING UNIT	LSL	LOW LEVEL SWITCH
AP	ACCESS PANEL	LW	LUMINAIRE MONITOR
AT	AIR TERMINAL	LS	LIMIT SWITCH
AV	AIR-VEIL HOISTPORT	LTD	LOW TEMPERATURE SELECTOR
B	BATTERY CHARGER	LW	LUMINAIRE
BLS	BATTERY CHARGER SET	LUM	LUMINAIRE
BCR	BOLLER	NAC	NACROTOR
BD	BELLOW WITCHPORT	MCS	MINIATURE CIRCUIT BREAKER
BDV	BALD VALVE	MC	MECHANICAL
CB	CIRCUIT BREAKER	MCC	MOTOR CONTROL CENTRE
CCTV	CLOSED CIRCUIT TELEVISION	MCSB	MOLDED CASE CIRCUIT BREAKER
CE	CORNER EXTRACT HOOD	MCP	MOTOR CONTROL PANEL
CM	CURRENT MONITOR	MD	MEDIUM DRIVING 220V
CP	CONTROL PANEL	MS	METRIC STANDING
CQ	CONSUMER UNIT	MT	MOTOR STARTER PANEL
DAL	DRAW DRAINING	MTB	MOTOR
DB	DISTRIBUTION PANEL	MW	MICROWAVE
DD	DRAW DRAIN	NC	NORMALLY OPEN
DC	DATA COMMUNICATIONS DEVICE	NC	NORMALLY CLOSED
DDV	DEESEL CHECK VALVE	ON	ON
DE	DESEL GENERATOR	PAB	PUNCH ALARM BUTTON
DH	DOOR HOLDER	PAB	PUNCH ALARM BUTTON
DIS	DISPLACEMENT MONITOR	PFC	POWER FACTOR CORRECTION UNIT
DS	DISPLACEMENT MONITOR	PER	PHASE FAILURE RELAY
DP	DOUBLE POLE	PSU	POWER SUPPLY SYSTEM
DPP	DATA PROCESSING PANEL	PTZ	PAN/TILT/Zoom
DW	DISWAGHER	R	ROUND REEL
EX	EXTRACT FAN	RCB	RESISTOR CIRCUIT BOARD
EB	ELECTRIC HEATER	RCB	RESISTOR CIRCUIT BOARD
ED	ELECTRIC RE-HEATER	RD	RE-HEATER
EH	ELECTRIC RE-HEATER	RE	RE-HEATER
ESC	ESCAPATOR	SB	SWITCH BOARD
EXT	EXTRACT TOP	SEC	SECURITY SYSTEM
EX	EXTRACT FAN	SLS	STRUCTURAL SLAB LIFT
FA	FAN FROM ABOVE	SV	SOLVENT VALVE
FAP	FIRE ALARM PANEL	TA	TO ABOVE
FAB	FIRE ALARM PANEL	TB	TO BELOW
FC	FAN CONNECTION	TR	TRANSFORMER
FB	FAN FLOW	TR	TRACING TRACK
FD	FUSED DISCONNECT	TRK	TRUCK
FF	FAN FLOW UNIT	TS	TEMPERATURE
FF	FUSE FREEZER	TLL	TO LOW LEVEL
FF	FUSIBLE FUSE	TMM	TELEMETRIC MIXING VALVE
FR	FIRE RATED	TV	TELEVISION
FTU	FUSED PART UNIT	U	UNDERGROUND
G	GALVANIZED	UPS	UNINTERRUPTED POWER SUPPLY
GLN	ELECT. GALVANIZED	UV	ULTRAVIOLET RAY
H	HANDICURTER	V	VOLTAGE
HAC	HARMONIC	VU	VISUAL DISPLAY UNIT
HR	HEATING COIL	VAH	VIDEO HANDSET
HE	HEAD DITCHER	VH	VOLTS/HOUR METER
HU	HEAD INTERFACE UNIT	WH	WATER HEATER
HLS	HIGH LEVEL SWITCH	WP	WATER PUMP
IS	ISOLATION VALVE	WM	WASHING MACHINE
IV	ISOLATION VALVE	D	DRAINING D-10
K	KILOWATT HOUR		
K	KILO VOLTAGE		

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TENDER

Client

VERITY TRUSTEES LTD

Project/Site Location

**QUEEN STREET,
TOTTENHAM,
N17 8HZ**

Drawing Title

MECHANICAL, PUBLIC HEALTH & ELECTRICAL SYMBOLS LEGEND

Scale	Size	Drawn By	Engineer	Approved	Date Created
1:50	A0	HC	SP	JB	04/09/25