

POWER	
SYMBOL	DESCRIPTION
	SINGLE 13 AMP SOCKET OUTLET UNSWITCHED
	SINGLE 13 AMP SOCKET OUTLET SWITCHED
	CLEANERS SINGLE 13A SOCKET OUTLET SWITCHED
	TWIN 13 AMP SOCKET OUTLET SWITCHED
	TWIN 13 AMP SOCKET OUTLET SWITCHED C/W USB CHARGING FACILITY
	TWIN 13A SOCKET OUTLET (UNSWITCHED) EPOS + CLEAN EARTH
	SINGLE 13 AMP SOCKET OUTLET SWITCHED WITH NEON INDICATOR
	TWIN 13 AMP SOCKET OUTLET UNSWITCHED WITH NEON INDICATOR
	TWIN 13 AMP SOCKET OUTLET SWITCHED WITH NEON INDICATOR
	ROUND PIN SOCKET OUTLET UNSWITCHED RATING SHOWN
	ROUND PIN SOCKET OUTLET SWITCHED RATING SHOWN
	13 AMP FUSED SPUR UNIT UNSWITCHED
	13 AMP FUSED SPUR UNIT SWITCHED
	13 AMP FUSED SPUR UNIT UNSWITCHED WITH NEON INDICATION
	13 AMP FUSED SPUR UNIT SWITCHED WITH NEON INDICATION
	13 AMP FUSED SPUR UNIT UNSWITCHED WITH FLEX OUTLET PLATE AND NEON
	13 AMP FUSED SPUR UNIT SWITCHED WITH FLEX OUTLET PLATE AND NEON
	13 AMP FUSED SPUR UNIT UNSWITCHED WITH FLEX OUTLET
	13 AMP FUSED SPUR UNIT SWITCHED WITH FLEX OUTLET
	13 AMP FUSED SPUR UNIT SWITCHED WITH FLEX OUTLET PLATE
	THREE POLE FAN ISOLATOR
	32 AMP DOUBLE POLE SWITCH
	45 AMP DOUBLE POLE SWITCH
	32 AMP TRIPLE POLE SWITCH
	45 AMP TRIPLE POLE SWITCH
	FLEX OUTLET PLATE AND CONNECTION UNIT
	SHAVER SOCKET OUTLET
	COMMANDO SOCKET (XA DENOTES RATING) (XPN+X DENOTES No. OF POLES/EARTH)
	13A SWITCHED SOCKET OUTLET WITH NON-STANDARD 'T' EARTH PIN
	13A UNSWITCHED SOCKET OUTLET WITH NON-STANDARD 'T' EARTH PIN (FOR MICROS)
	'NORMAL' UNDERFLOOR CONTINUOUS BUS BAR POWER MODULE RATED AT 63 AMPS
	'CLEAN' UNDERFLOOR CONTINUOUS BUS BAR POWER MODULE RATED AT 63 AMPS
	LOW VOLTAGE (110V) DOUBLE SOCKET (REMOTE TRANSFORMER)
	LOW VOLTAGE (110V) DOUBLE SOCKET (INTEGRAL TRANSFORMER)
	2 GANG 13 AMP SOCKET OUTLET IN FLOOR BOX FOR FLOOR VOID TRUNKING
	2 GANG 13 AMP SOCKET OUTLET IN FLOOR BOX FOR FLUSH FLOOR TRUNKING
	SURFACE OR FLUSH MCCB UNIT PHASE AND RATING SHOWN
	FLOOR BOX WITH 2 GANG 13 AMP SOCKET OUTLET AND B.T. EXTENSION
	FLOOR BOX WITH 2 GANG 13 AMP SOCKET OUTLET, B.T. EXTENSION AND DATA OUTLET

LIGHTING CONTROL	
SYMBOL	DESCRIPTION
	20 AMP LIGHTING SWITCH SINGLE POLE 1 WAY 'N' GANG
	20 AMP LIGHTING SWITCH SINGLE POLE 2 WAY 'N' GANG
	20 AMP LIGHTING SWITCH SINGLE POLE INTERMEDIATE
	20 AMP LIGHTING SWITCH SINGLE POLE CORD OPERATED
	20 AMP LIGHTING SWITCH DOUBLE POLE
	5 AMP LIGHTING SWITCH SINGLE POLE 1 WAY 'N' GANG
	5 AMP LIGHTING SWITCH SINGLE POLE 2 WAY 'N' GANG
	5 AMP LIGHTING SWITCH SINGLE POLE INTERMEDIATE
	5 AMP LIGHTING SWITCH SINGLE POLE CORD OPERATED
	5 AMP LIGHTING SWITCH DOUBLE POLE
	DOOR SWITCH
	KEY SWITCH
	WEATHERPROOF SWITCH
	DIMMER CONTROL SWITCHES

LIGHTING	
SYMBOL	DESCRIPTION
	MODULAR FLUORESCENT LUMINAIRE
	SINGLE SURFACE MOUNTED BATTEN FLUORESCENT LUMINAIRE BARE
	TWIN SURFACE MOUNTED BATTEN FLUORESCENT LUMINAIRE BARE
	SINGLE/TWIN SURFACE MOUNTED BATTEN FLUORESCENT LUMINAIRE WITH DIFFUSER/REFLECTOR
	CEILING MOUNTED LUMINAIRE
	WALL MOUNTED LUMINAIRE
	FLOODLIGHT / EXTERIOR LUMINAIRE
	DIRECTIONAL SPOTLIGHT
	WALL MOUNTED PICTURE LIGHT
	WALL MOUNTED UPLIGHTER
	TRACK MOUNTED LUMINAIRE
	EMERGENCY LUMINAIRE
	ILLUMINATED EMERGENCY EXIT SIGN (DIRECTION MAY BE IDENTIFIED)
	EMERGENCY LIGHTING CENTRAL BATTERY CUBICLE

CONTROLS	
SYMBOL	DESCRIPTION
	SURFACE MOUNTED SYNCHRONOUS CLOCK
	FLUSH MOUNTED SYNCHRONOUS CLOCK
	SURFACE MOUNTED IMPULSE CLOCK
	FLUSH MOUNTED IMPULSE CLOCK
	MASTER CLOCK POINT
	TELEVISION AERIAL OUTLET
	INTEGRATED RECEPTION SYSTEM
	RADIO AERIAL SOCKET OUTLET
	BATTERY WITH SIZE INDICATED IN AMPERE HOURS
	DIFFERENTIAL PRESSURE SWITCH
	EMERGENCY STOPLOCK / KNOCK OFF BUTTON
	FLOW SWITCH
	PADDLE SWITCH
	AIR TEMPERATURE TRANSMITTER
	LIQUID FLOW TEMPERATURE TRANSMITTER

ALARMS (GENERAL)	
SYMBOL	DESCRIPTION
	DISABLED PERSONS CALL OVERDOOR LAMP / TONE GENERATOR
	DISABLED PERSONS CALL CEILING PULL SWITCH
	DISABLED PERSONS CALL RESET BUTTON
	DISABLED PERSONS CALL POWER UNIT

LV DISTRIBUTION	
SYMBOL	DESCRIPTION
	ISOLATING SWITCH SINGLE PHASE
	ISOLATING SWITCH THREE PHASE
	FUSE SWITCH (FUSE RATING AND PHASE SHOWN)
	CHANGE OVER SWITCH
	CONTACTOR AUTOMATIC EXTERNAL CONTROL
	CONTACTOR WITH PUSH BUTTON CONTROL
	CONTACTOR ISOLATOR
	MOTOR STARTER
	PUSH BUTTON UNIT
	METER, A=AMPS, V=VOLTS, W=WATTS, MD=MAX DEMAND, KWH=KILOWATT HOUR
	TIME SWITCH
	EMERGENCY PUSH BUTTON
	RISING BUSBAR
	SUB-MAIN DISTRIBUTION BOARD
	MAIN SWITCHBOARD (CONTROL PANEL)
	TRANSFORMER 240V/6V FOR DOORBELL
	POWER FACTOR CORRECTION EQUIPMENT
	UNINTERRUPTIBLE POWER SUPPLY EQUIPMENT
	EMERGENCY POWER OFF BUTTON
	FIREMANS SWITCH

PLANT	
SYMBOL	DESCRIPTION
	RADIATOR OR PANEL HEATER
	CONNECTOR HEATER
	FAN UNIT HEATER
	TUBULAR HEATER WITH NUMBER OF TIERS SHOWN
	IMMERSION HEATER
	IMMERSION HEATER WITH INTEGRAL THERMOSTAT
	NIGHT STORAGE HEATER
	WATER HEATING OUTLET
	MOTOR
	GENERATOR
	FAN
	MOTORISED VALVE (2 PORT)
	MOTORISED VALVE (3 PORT)
	FAN CONTROLLER
	THERMOSTAT
	HAND DRYER

FIRE / VOICE ALARMS (FAS/VAS) -- SEE NOTES	
SYMBOL	DESCRIPTION
	FIRE ALARM SIREN AND CIRCUIT OR ZONE NUMBER
	FIRE ALARM BELL AND CIRCUIT NUMBER
	EMERGENCY SOUND SYSTEM VOICE ALARM (BS 7443) SPEAKER
	FIRE ALARM MANUAL BREAKGLASS UNIT AND ZONE NUMBER
	AUTOMATIC HEAT DETECTOR FIXED TEMPERATURE AND ZONE NUMBER
	AUTOMATIC HEAT DETECTOR RATE OF RISE AND ZONE NUMBER
	AUTOMATIC SMOKE DETECTOR (OPTICAL) AND ZONE NUMBER
	AUTOMATIC SMOKE DETECTOR (IONIZATION) AND ZONE NUMBER
	DUCT MOUNTED DETECTOR SAMPLING UNIT
	BEACON BASE DRIVEN FROM DETECTION LOOP INSERTED BEHIND DETECTION DEVICE
	SOUNDER BASE DRIVEN FROM DETECTION LOOP INSERTED BEHIND DETECTION DEVICE
	SOUNDER & BEACON BASE DRIVEN FROM DETECTION LOOP INSERTED BEHIND DETECTION DEVICE
	FLASHING BEACON AND CIRCUIT OR ZONE NUMBER
	REMOTE INDICATOR
	BEAM DETECTOR TRANSMITTER AND ZONE NUMBER
	BEAM DETECTOR REFLECTOR AND ZONE NUMBER
	SMOKE SAMPLING POINT AND ZONE NUMBER
	SMOKE SAMPLING PIPEWORK
	SMOKE SAMPLING FAN CHAMBER
	LOOP ISOLATOR
	FIRE ALARM PANEL
	FIRE ALARM REPEATER PANEL
	GAS ALARM AND DISCHARGE PANEL
	MAGNETIC DOOR HOLDER (RELEASE ON ALARM)
	DOOR HOLD OPEN DEVICE
	FLASHING BEACON BASE TO AUTO DETECTOR
	SOUNDER BASE TO AUTO DETECTOR

LV SCHEMATIC	
SYMBOL	DESCRIPTION
	SP&N ISOLATOR
	TP&N ISOLATOR
	SP&N FUSE SWITCH, SWITCH FUSE
	TP&N FUSE SWITCH, SWITCH FUSE
	SP&N FUSE
	TP&N FUSE
	MOULDED CASE CIRCUIT BREAKER, MINITURE CIRCUIT BREAKER
	AIR CIRCUIT BREAKER
	TRANSFORMER
	BUSBAR

CABLE / WIREWAYS	
SYMBOL	DESCRIPTION
	SWITCH LINE
	CIRCUIT LINE
	M.I.C.C. CABLE ROUTE
	MAIN CABLE ROUTE
	CONDUIT RUN AT H.L. OR AT L.L. IN CEILING SLAB
	CONDUIT RUN AT L.L. OR AT L.L. IN CEILING SLAB
	CONDUIT RUN SHOWING CONDUIT BOX
	CONDUIT RUN SHOWING ADAPTABLE BOX
	SINGLE 20mm METAL FLEX CONDUIT
	POSITION WHERE RIGID CONDUIT LINKS TO FLEXIBLE
	POSITION WHERE RIGID CONDUIT RISES OR FALLS IN WALL VOID
	SKIRTING TRUNKING WITH SIZE SHOWN
	CABLE TRUNKING WITH SIZE AND COMPARTMENTS SHOWN
	DADO TRUNKING WITH SIZE AND COMPARTMENTS SHOWN
	OVERHEAD BUSBAR WITH SIZE SHOWN
	CABLE TRAY WITH SIZE SHOWN
	CABLE LADDER WITH SIZE SHOWN
	FLOOR DUCT WITH JUNCTION BOX
	FLOOR DUCT WITH OUTLET BOX
	3 COMPARTMENT FALSE FLOOR OUTLET BOX (POWER ONLY)
	JUNCTION BOX

EARTHING / LIGHTNING PROTECTION	
SYMBOL	DESCRIPTION
	EARTH CONNECTION POINT
	CONDUCTOR TAPE
	METAL ROOF BONDING POINT
	DOWN CONDUCTOR POSITION
	BOND TO EQUIPMENT
	ROOF FINIAL
	TEST PIT
	EQUIPOTENTIAL BOND
	SUPPLEMENTARY BOND

COMMUNICATIONS / SECURITY	
SYMBOL	DESCRIPTION
	MASTER TELEPHONE OUTLET
	TELEPHONE EXTENSION OUTLET
	TELEPHONE WALL MOUNTED OUTLET
	FACSIMILE LINE OUTLET
	MODEM LINE OUTLET
	FORTRONIC LINE OUTLET
	PUBLIC TELEPHONE POINT OUTLET
	INTERCOM
	TELEPHONE DISTRIBUTION CASE
	BUILDING CONNECTION FRAME
	TELEPHONE TEST JACK FRAME
	SINGLE DATA OUTLET
	TWIN DATA OUTLET
	CEILING MOUNTED TWIN DATA OUTLET
	DATA DISTRIBUTION CASE
	WAITRESS CALL PAD
	CUSTOMER CALL PAD
	WAITRESS CALL DISPLAY
	CUSTOMER CALL DISPLAY
	DOOR ENTRY SYSTEM KEYPAD
	DOOR ENTRY SYSTEM KEYPAD BACK LIT
	DOOR ENTRY PROXIMITY READER
	CARD KEY ACCESS
	FAIL SAFE ELECTRO-MAGNETIC DOOR LOCK
	MAGNETIC DOOR CONTACT
	PUSH TO RELEASE BUTTON
	EMERGENCY PUSH TO RELEASE BUTTON
	REMOTE RELEASE BUTTON
	TIME CONTROLLED UNIT (HOUSED IN METAL ENCLOSURE)
	POWER SUPPLY UNIT
	DOOR BELL
	DOOR BELL PUSH
	RECESSED PA SPEAKER
	WALL MOUNTED PA SPEAKER
	SOUND/MUSIC SYSTEM SPEAKER (ZONE No. AS INDICATED)
	SOUND/MUSIC SYSTEM VOLUME CONTROL (ZONE No. AS INDICATED)
	SECURITY ALARM PANEL
	INTRUDER ALARM REMOTE KEYPAD
	PASSIVE INFRA RED DETECTOR
	DUAL TECH DETECTOR (CEILING MOUNTED)
	SHOCK SENSOR
	CCTV CAMERA
	INTERNAL DOME CCTV CAMERA
	PANIC ALARM BUTTON
	FINAL SET BUTTON
	MONITOR
	WHITE XENON FLASHING BEACON
	AUDIBLE AND VISUAL XENON BEACON
	EXTERNAL SECURITY SOUNDER
	EXTERNAL BEEBEY SECURITY SOUNDER

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 - 'CV' ADJACENT ANY OF THE SYMBOLS INDICATES CEILING MOUNTED.
'FV' ADJACENT ANY OF THE SYMBOLS INDICATES FLOOR VOID MOUNTED.
'WP' ADJACENT ANY OF THE SYMBOLS DENOTES 'WEATHER PROOF TYPE'.
'SB' ADJACENT ANY OF THE SYMBOLS DENOTES 'SOUNDER BASE'.
'SB' ADJACENT ANY OF THE SYMBOLS DENOTES 'SOUNDER BASE'.
'SBB' ADJACENT ANY OF THE SYMBOLS DENOTES 'SOUNDER BASE'.

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