

LEGEND

	ELECTRICAL SERVICES SWITCHBOARD.
	SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF THE ELECTRICAL SUBCONTRACT.
	SINGLE POWER OUTLET.
	DOUBLE POWER OUTLET.
	SPECIAL PURPOSE POWER OUTLET.
	SINGLE PHASE ISOLATOR.
	THREE PHASE ISOLATOR.
	ELECTRICAL JUNCTION BOX / RISER, TYPE AS NOTED.
	CONDUIT ROUTE.
	ELECTRICAL PIT, TYPE AS NOTED.
	LIGHTING CONTROL PANEL.
	LIGHTING PRESENCE DETECTOR SWITCH.
	ONE-WAY LIGHT SWITCH.
	TWO-WAY LIGHT SWITCH.
	DALI LIGHT SWITCH.
	CIRCUIT LINE.
	SWITCH LINE.
	POWER CIRCUIT DESIGNATION. DENOTES DB AND CIRCUIT.
	LIGHTING CONTROL CHANNEL.
	ELECTRICAL EQUIPMENT AS NOTED.
	MATV BELLING-LEA OUTLET.
	RJ45 COMMUNICATIONS OUTLET.
	SECURITY CCTV MONITOR.
	SECURITY CCTV CAMERA.
	SECURITY KEY PANEL.
	SECURITY DIRECTIONAL MOTION DETECTOR.
	SECURITY SIREN STROBE.
	SECURITY PIEZO SIREN.
	PA HORN / HOOTER.
	PA RECESSED MULTI-TAP CONE SPEAKER.
	PA SURFACE MOUNT MULTI-TAP CONE SPEAKER.
	PA WALL MOUNT MULTI-TAP CONE SPEAKER.
	FIRE RECESSED EVACUATION SPEAKER.
	FIRE SURFACE MOUNT EVACUATION SPEAKER.
	FIRE INDICATOR PANEL.
	FIRE ALARM HORN.
	FIRE ALARM STROBE.
	THERMAL DETECTOR.
	MANUAL CALL POINT.
	SMOKE DETECTOR.

LEGEND

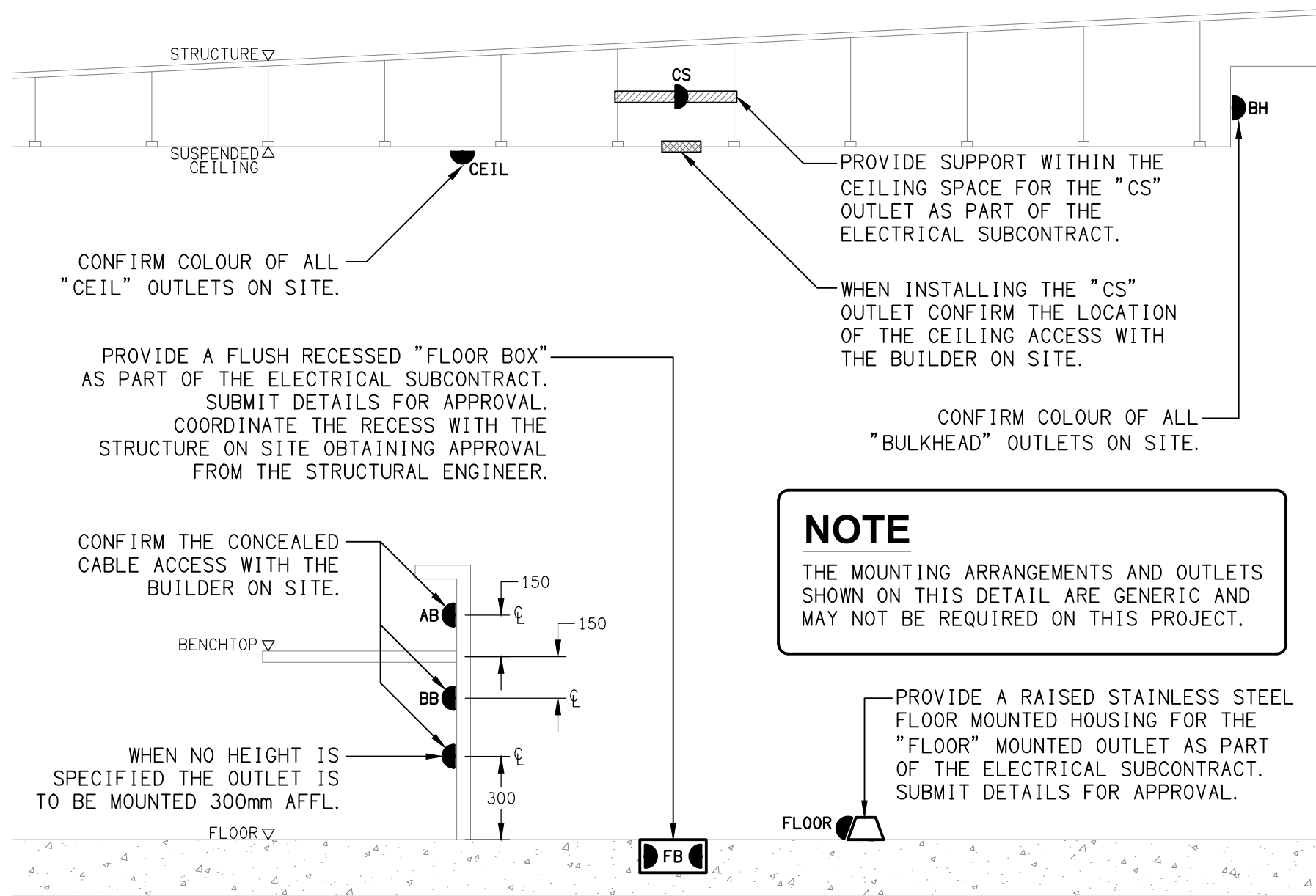
	VOLUME CONTROL PANEL.
	AUDIO INPUT PANEL.
	FUSE.
	SINGLE PHASE.
	THREE PHASE.
	CURRENT TRANSFORMER C/W REMOVABLE LINK.
	FUSE LINK.
	COMBINED FUSE SWITCH.
	CIRCUIT BREAKER.
	ISOLATOR.
	RESIDUAL CURRENT DEVICE.
	CONTACTOR - NORMALLY OPEN.
	CONTACTOR - NORMALLY CLOSED.
	REFER TO DETAIL NOTED FOR THE AREA SHOWN HATCHED. ADDITIONAL OUTLETS & FITTINGS MAY BE SHOWN ON DETAIL.
	ROOF MOUNTED MATV ANTENNA.
	EXISTING ENERDEX RETAIL METER.
	NEW PRIVATE CONSUMPTION METER.
	E1: GENERAL RECESSED LED EMERGENCY LIGHT.
	E2: GENERAL SURFACE MOUNT LED EMERGENCY LIGHT.
	EX: EMERGENCY LED EXIT LIGHT.
	EX WP: EMERGENCY WEATHERPROOF LED EXIT LIGHT.
	FL1: EXISTING FIELD FLOOD LIGHT.
	FL2: EXISTING FIELD FLOOD LIGHT.
	Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK. TYPE AS NOTED.
	L1: 600 x 600 PLASTERBOARD FLAT PANEL LIGHT.
	L2: 600 x 600 PLASTERBOARD FLAT PANEL LIGHT, DALI DIMMED.
	L3: AMENITY RECESSED DOWNLIGHT.
	L4: 1200 LONG SURFACE BATTEN.
	L5: CIRCULATION RECESSED DOWNLIGHT.
	L6: CORPORATE / OFFICE RECESSED DOWNLIGHT, DALI DIMMED.
	L7: COUNTER RECESSED DOWNLIGHT.
	L8: COUNTER RECESSED DOWNLIGHT, DALI DIMMED.
	L9: COUNTER LED STRIP LIGHT, DALI DIMMED.
	L10: GYM SURFACE MOUNTED LIGHT.
	L11: TERRACE LINEAR EXTRUSION LIGHT.
	L12: 600 x 600 SURFACE MOUNTED FLAT PANEL LIGHT.
	L13: TERRACE LINEAR EXTRUSION LIGHT C/W 1m SECTION SEPARATELY SWITCHED FOR SECURITY.
	L14: SURFACE TRACK SPOT LIGHT.

ABBREVIATIONS

A	-	AMP CURRENT RATING
AB	-	MOUNT ABOVE BENCH.
AFFL	-	ABOVE FINISHED FLOOR LEVEL.
BB	-	MOUNT BELOW BENCH.
BH	-	MOUNT ON BULKHEAD.
BK	-	BLACK IN COLOUR.
CEIL	-	MOUNT ON CEILING.
CS	-	MOUNT WITHIN CEILING SPACE.
C/W	-	COMPLETE WITH.
DW	-	DISHWASHER.
MCB	-	MINIATURE CIRCUIT BREAKER.
MCCB	-	MOUNDED CASE CIRCUIT BREAKER.
MSB	-	MAIN SWITCHBOARD.
MSSB	-	MECHANICAL SERVICES SWITCHBOARD.
MW	-	MICROWAVE.
N	-	NEON / LED INDICATOR WHEN ON.
NTS	-	NOT TO SCALE.
RCBO	-	CIRCUIT PROTECTED VIA A 30mA RESIDUAL CURRENT DEVICE INTEGRAL TO THE CIRCUIT BREAKER.
REF	-	REFRIGERATOR.
SM	-	SURFACE MOUNTED.
UNO	-	UNLESS NOTED OTHERWISE.
WP	-	WEATHERPROOF TO IP56 UNO.
500	-	NUMBER DENOTES MOUNTING HEIGHT AFFL.

NOTE

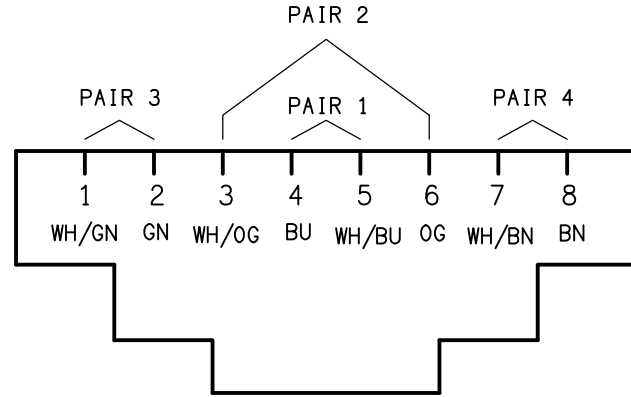
ALL ELECTRICAL PENETRATIONS THROUGH THE ROOF SHEETING ARE TO BE IN LINE WITH THE STRUCTURAL OR MECHANICAL SERVICES PENETRATIONS TO AVOID DEDICATED FLASHINGS FOR THE ELECTRICAL SERVICES.



DETAIL
TYPICAL OUTLET MOUNTINGS
NOT TO SCALE

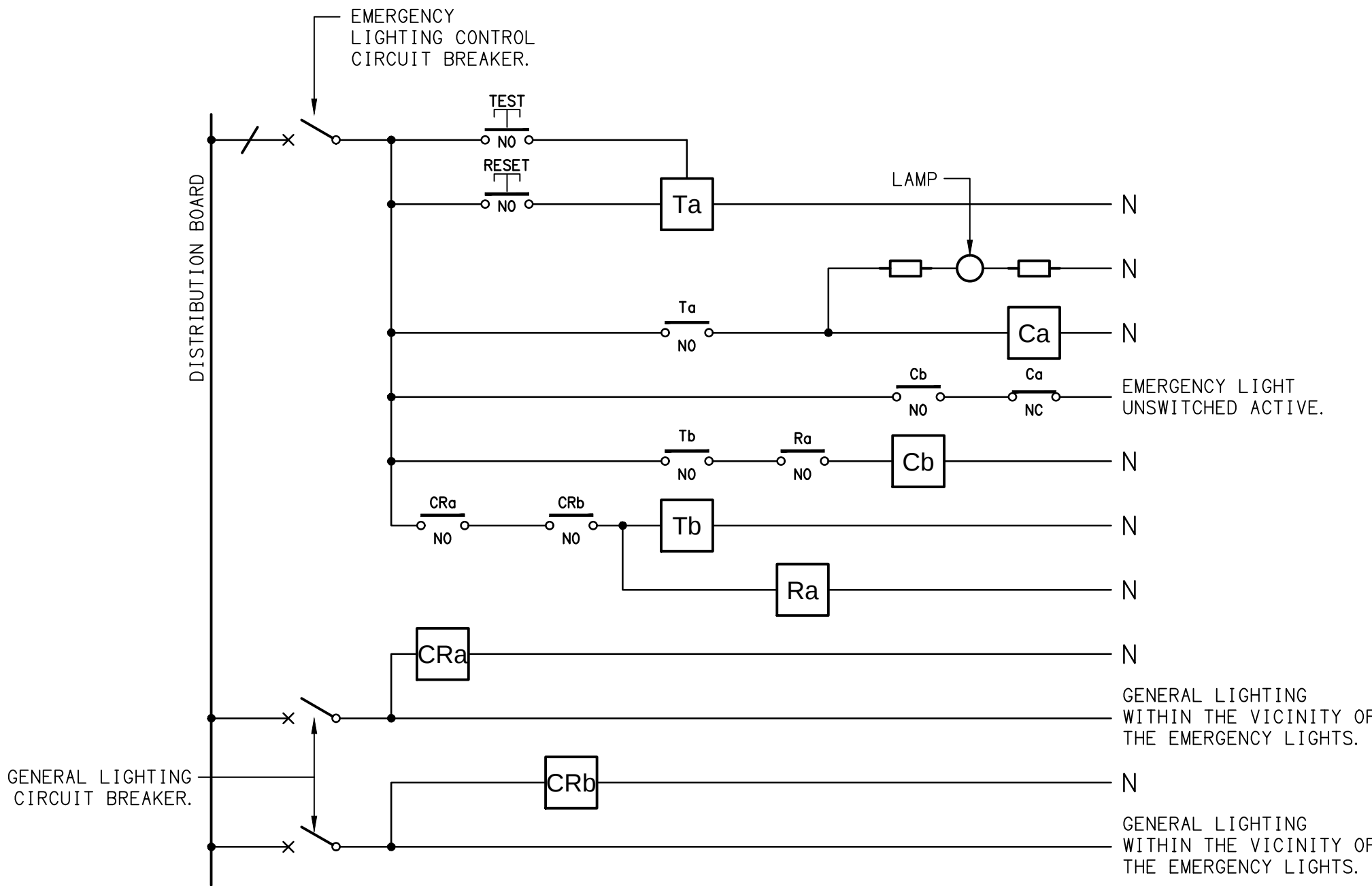
EQUIPMENT:

- TEST - TEST PUSH BUTTON MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.
- RESET - RESET PUSH BUTTON MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.
- LAMP - AMBER TEST INDICATING LAMP MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.
- Ta - ADJUSTABLE 0-3 HOUR TIMED RELAY.
- Tb - 15 MINUTE RUN-ON TIMER TO OPERATE UPON THE RETURN OF MAINS POWER.
- Cx - CONTACTOR x.
- CRx - CONTROL RELAY x.
- Rx - RELAY x.



SCHEMATIC

RJ45 PINOUT CONFIGURATION
NOT TO SCALE



NOTES

- THE EMERGENCY LIGHT UNSWITCHED ACTIVE / GENERAL LIGHTING SWITCHED ACTIVE CIRCUIT ARRANGEMENT AND CONTROL IS TYPICAL FOR ALL CIRCUITS SUPPLYING EMERGENCY LIGHTS.
- PROVIDE ADDITIONAL CONTROL RELAYS (CRx) CONFIGURED AS PER CRa AND CRb FOR ALL ADDITIONAL LIGHTING CIRCUITS THAT SUPPLY LIGHTS IN THE VICINITY OF THE EMERGENCY LIGHTS.

SCHEMATIC

EMERGENCY LIGHTING
NOT TO SCALE