

C3827a - KINGS CHRISTIAN COLLEGE - WALLOON - ELC WAL02

C3827a-0001(A).xls

ELECTRICAL SERVICES CONTRACT DOCUMENT SCHEDULE

REVISION A - 04 SEPTEMBER 2026

ISSUING INFORMATION				DATE OF ISSUE								
DAY MONTH YEAR REASON FOR ISSUE				04								
				09								
				26								
A = APPROVAL	C = CONSTRUCTION	N = COORDINATION		P = PRELIMINARY		T = TENDER						

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BURLING BROWN ARCHITECTS				1E									
P = PRINT		T = TRACING		D = DISC		E = EMAIL				F = FAX			

[illegible]

LEGEND

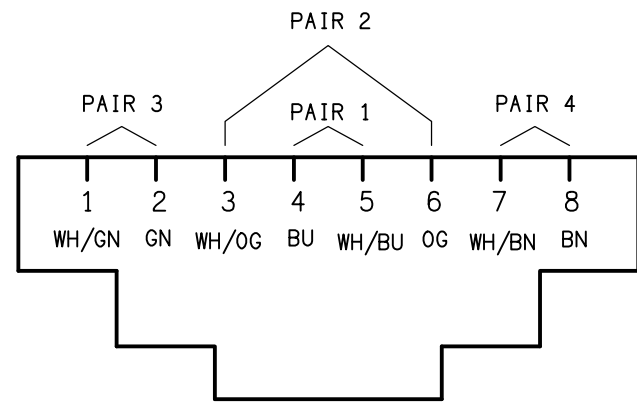
	ELECTRICAL SERVICES SWITCHBOARD.
	SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF THE ELECTRICAL SUBCONTRACT.
	SINGLE POWER OUTLET.
	DOUBLE POWER OUTLET.
	SPECIAL PURPOSE POWER OUTLET.
	SINGLE PHASE ISOLATOR.
	THREE PHASE ISOLATOR.
	CONDUIT ROUTE.
	HAND DRYER CONNECTION.
	ELECTRICAL PIT, TYPE AS NOTED.
	ONE-WAY LIGHT SWITCH.
	TWO-WAY LIGHT SWITCH.
	DIMMER LIGHT SWITCH.
	LIGHTING SWITCH PANEL, TYPE x.
	CIRCUIT LINE.
	SWITCH LINE.
	LIGHTING CONTROL CHANNEL REFERENCE.
	POWER CIRCUIT DESIGNATION. DENOTES DB AND CIRCUIT.
	ELECTRICAL EQUIPMENT AS NOTED.
	OUTLET MOUNTED WITHIN RECESS KIT.
	CAT-6 UTP RJ45 COMMUNICATIONS OUTLET.
	CAT-6 STP RJ45 COMMUNICATIONS OUTLET.
	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.
	PA CEILING RECESSED SPEAKER.
	PA HORN.
	VAPE SENSOR.
	CCTV CAT-6 PLUG.
	REFER TO DETAIL NOTED FOR THE AREA SHOWN HATCHED. ADDITIONAL OUTLETS & FITTINGS MAY BE SHOWN ON DETAIL.

LEGEND

	E1: RECESSED LED EMERGENCY LIGHT, WHITE.
	EX: EMERGENCY LED EXIT LIGHT.
	Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK. TYPE AS NOTED.
	L1: 600 x 600 SURFACE LED FLAT PANEL, WHITE.
	L2: 600 x 600 PLASTER BOARD RECESSED LED FLAT PANEL, WHITE.
	L3: 600 x 300 RECESSED LED FLAT PANEL. WHITE.
	L4: RECESSED AMENITY DOWNLIGHT, WHITE.
	L5: RECESSED GENERAL USE DOWNLIGHT, WHITE.
	L6: RECESSED GENERAL USE DOWNLIGHT, WHITE.
	L7: RECESSED CLASSROOM ADJUSTABLE DALI DIMMABLE DOWNLIGHT, WHITE.
	L8: RECESSED CLASSROOM DALI DIMMABLE DOWNLIGHT, WHITE.
	L9: 2000 LONG SUSPENDED LED EXTRUSION, BLACK.
	L10: 2400 LONG SURFACE MOUNTED LED EXTRUSION LIGHT, WHITE.
	L11: 2400 LONG SUSPENDED LED EXTRUSION LIGHT, BLACK.
	L12: L-SHAPED 2400 x 2400 SUSPENDED LED EXTRUSION LIGHT, BLACK.
	L13: 1200 DIA SUSPENDED LED EXTRUSION LIGHT, BLACK.

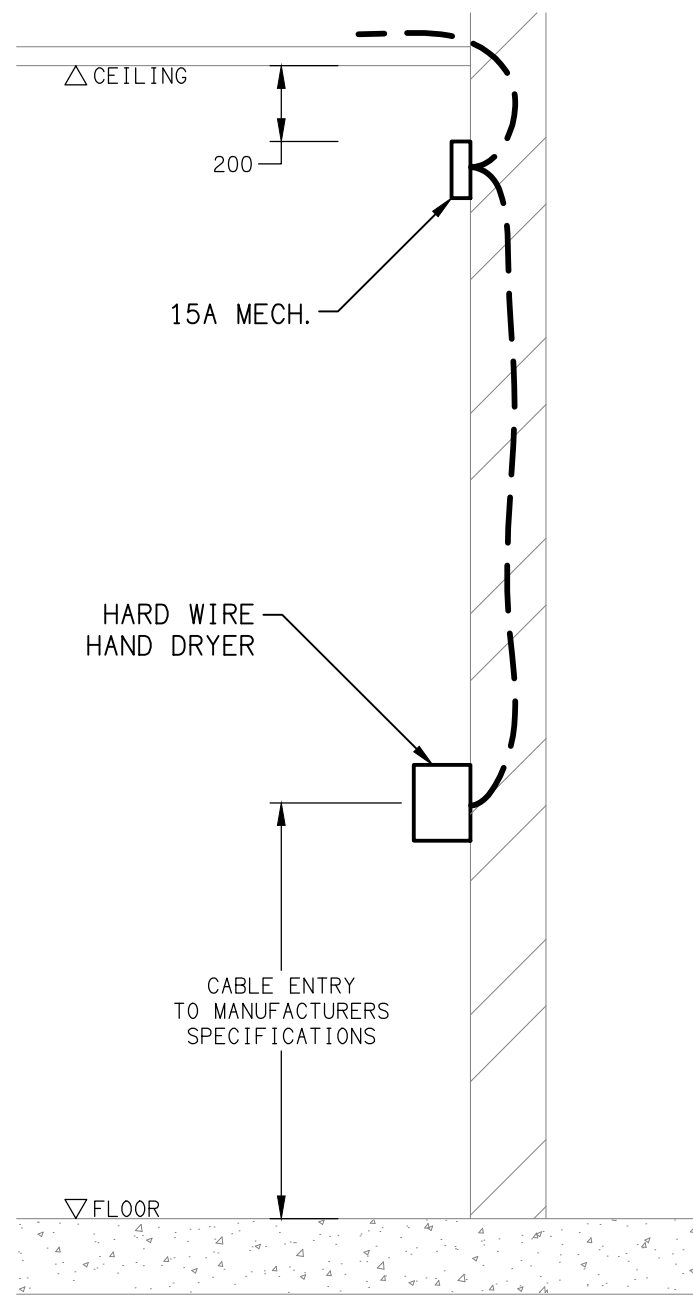
NOTE

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.



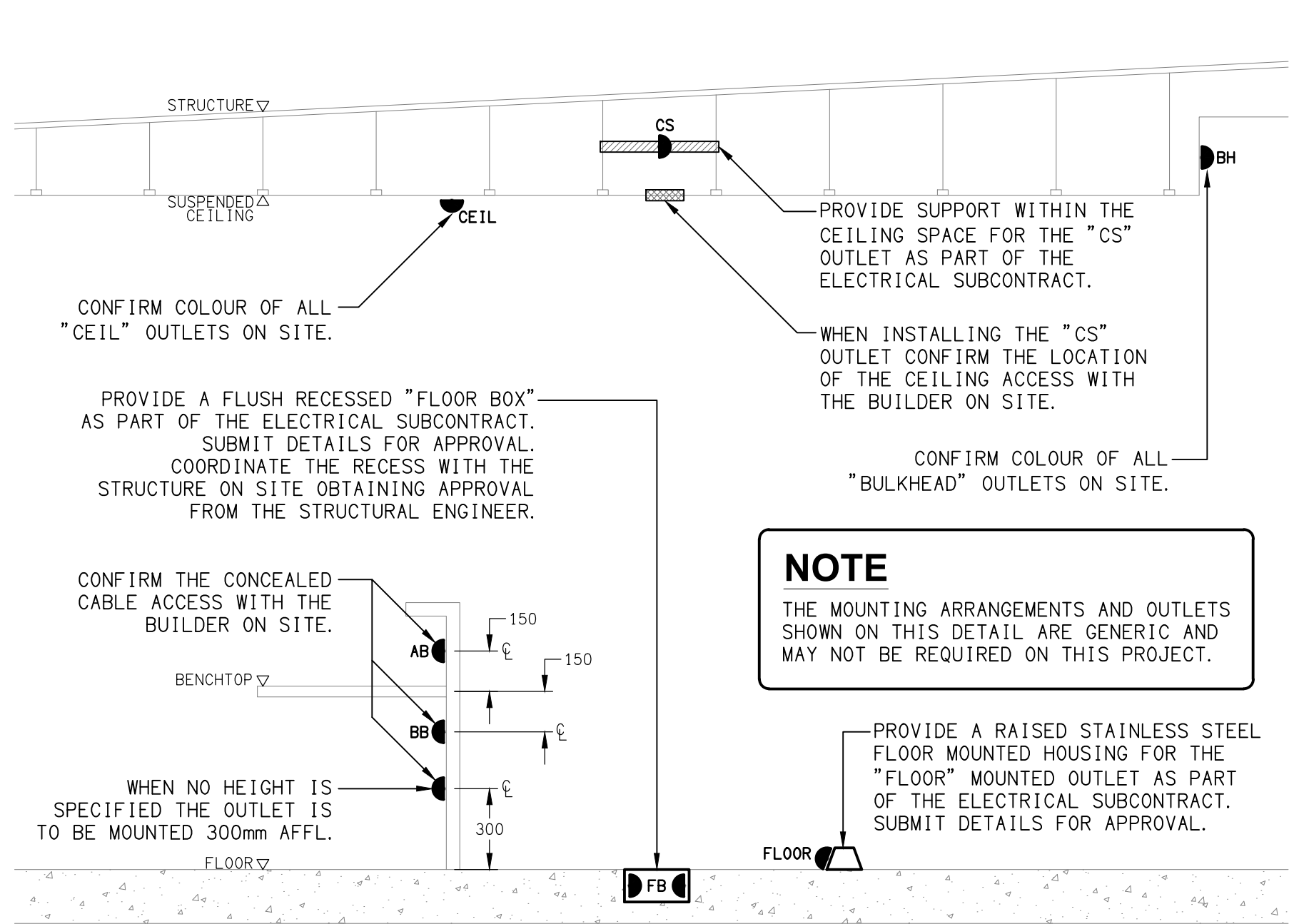
SCHEMATIC

RJ45 PINOUT CONFIGURATION
NOT TO SCALE



DETAIL

HAND DRYER CONNECTION
NOT TO SCALE

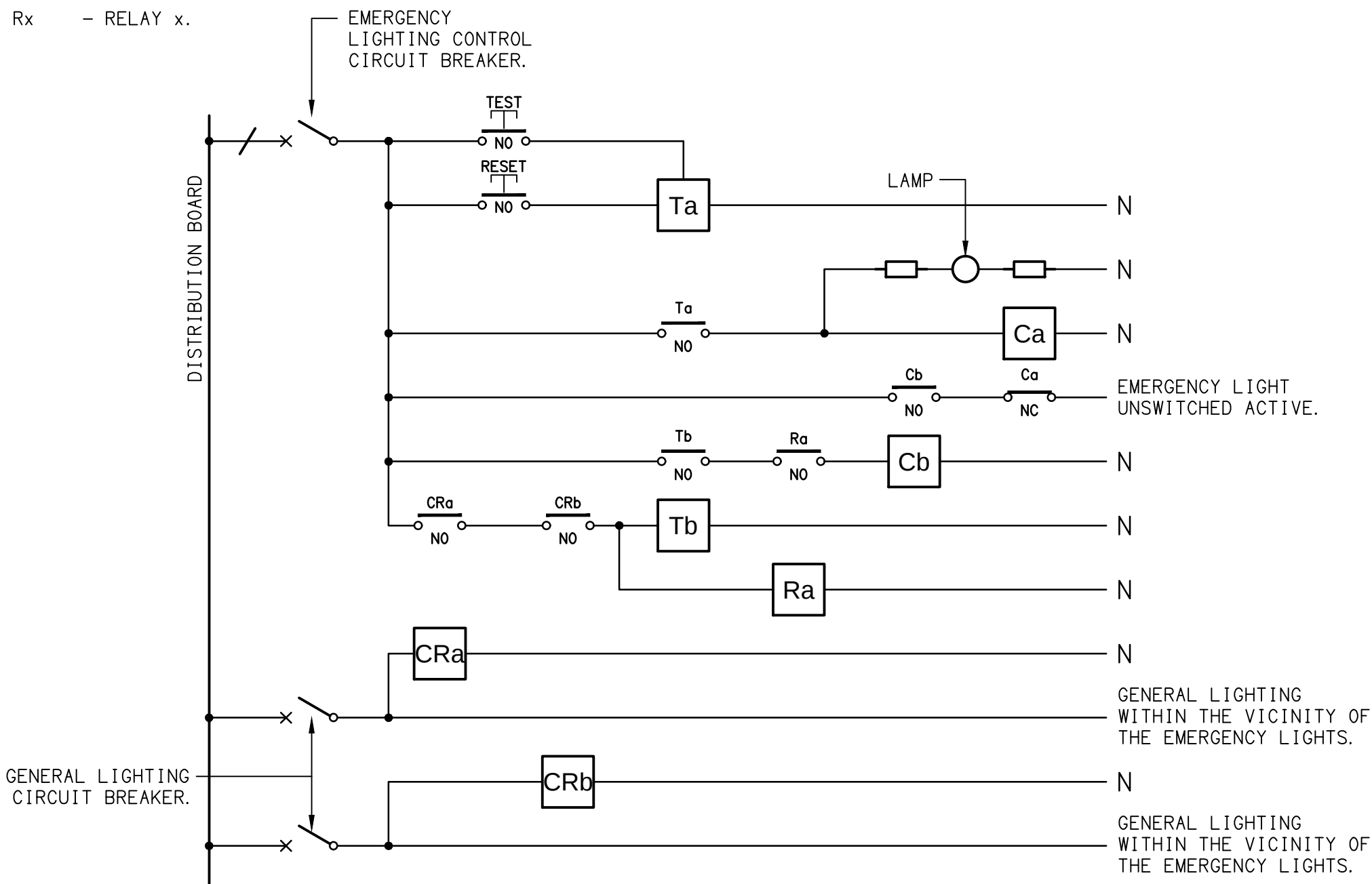


DETAIL

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.



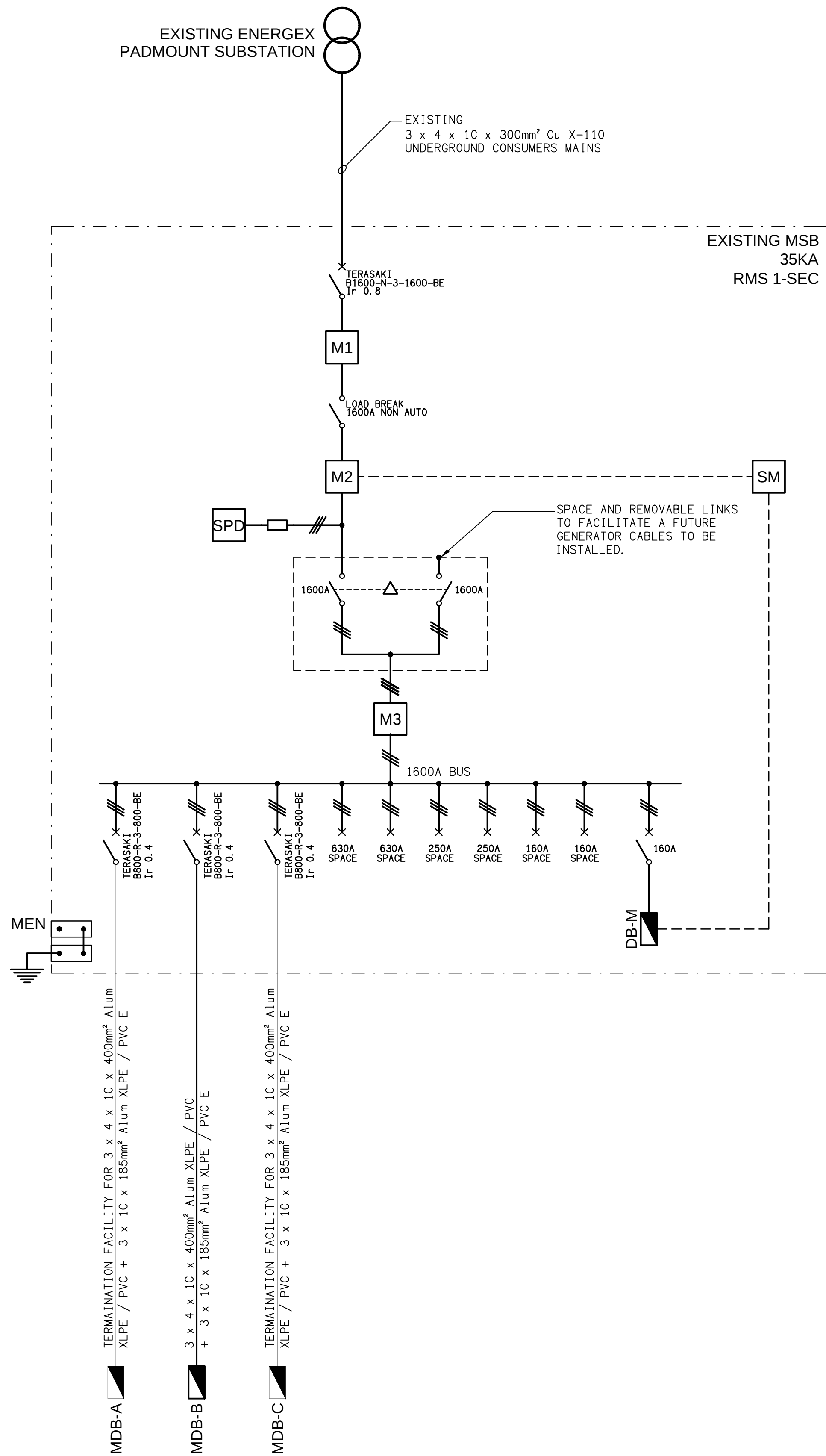
NOTES

1. THE EMERGENCY LIGHT UNSWITCHED ACTIVE / GENERAL LIGHTING SWITCHED ACTIVE CIRCUIT ARRANGEMENT AND CONTROL IS TYPICAL FOR ALL CIRCUITS SUPPLYING EMERGENCY LIGHTS.
2. 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.

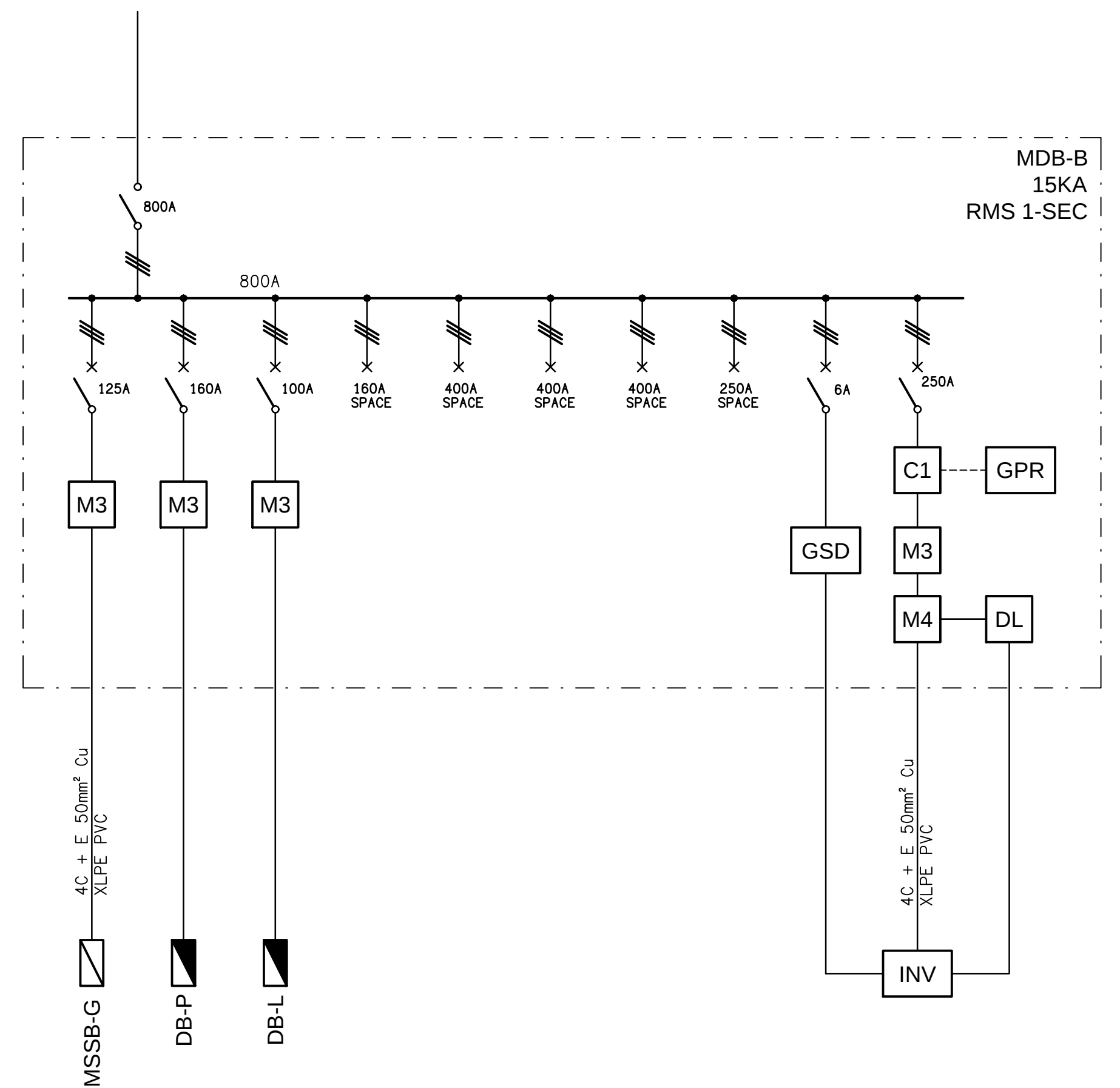
SCHEMATIC

EMERGENCY LIGHTING
NOT TO SCALE

ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793 TRADING AS: ELECTRICAL DESIGN GROUP	THE COPYRIGHT OF THIS DRAWING REMAINS THE PROPERTY OF THE ELECTRICAL DESIGN GROUP.	ELECTRICAL DESIGN GROUP ELECTRICAL BUILDING SERVICES CONSULTANTS BRISBANE GOLD COAST P.O. Box 15, Sherwood Q 4075 Phone: (07) 3278 4375 Email: brisbane@edg.net.au Web: www.edg.net.au	DRAWING: KINGS CHRISTIAN COLLEGE WALLOON ELC WAL02	DRAWING: ELECTRICAL SERVICES LEGEND & DETAILS	
	USE FIGURED DIMENSIONS IN PREFERENCE TO SCALE.		PROJECT: KINGS CHRISTIAN COLLEGE WALLOON ELC WAL02	SCALE: NOT TO SCALE AT A1	PROJECT NO: C3827a DRAWING NO: E01 REVISION: A
	ALL DIMENSIONS TO BE VERIFIED ONSITE.		KARRABIN ROSEWOOD ROAD, WALLOON		



SCHEMATIC
MAIN SWITCHBOARD CONFIGURATION
NOT TO SCALE



SCHEMATIC
MDB-B CONFIGURATION
NOT TO SCALE

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ACN 092 710 793

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PROJECT:
KINGS CHRISTIAN COLLEGE WALLOON
ELC WAL02

KARRABIN ROSEWOOD ROAD, WALLOON

A	PRELIMINARY	04/09/2026
REV:	DESCRIPTION:	DATE:

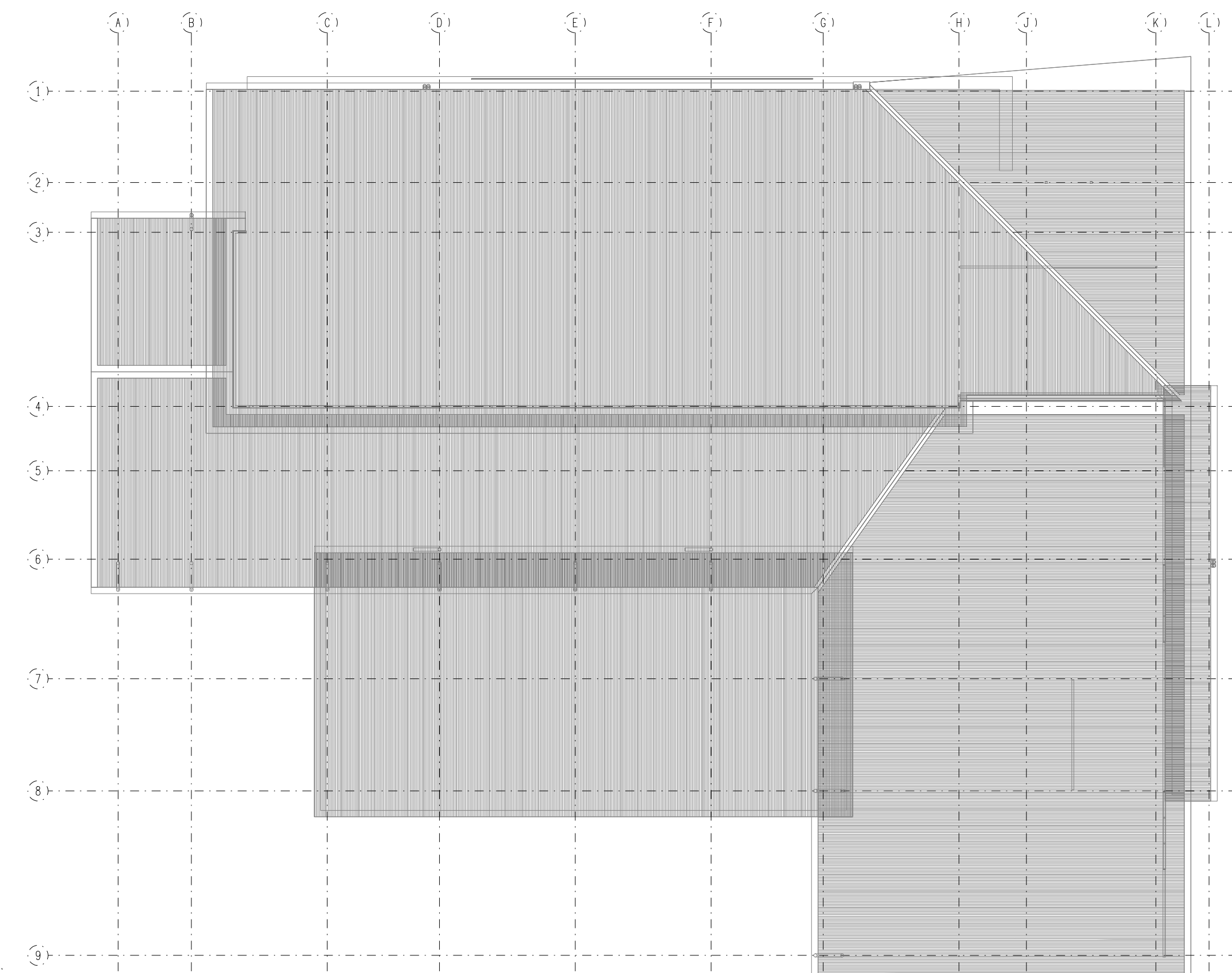
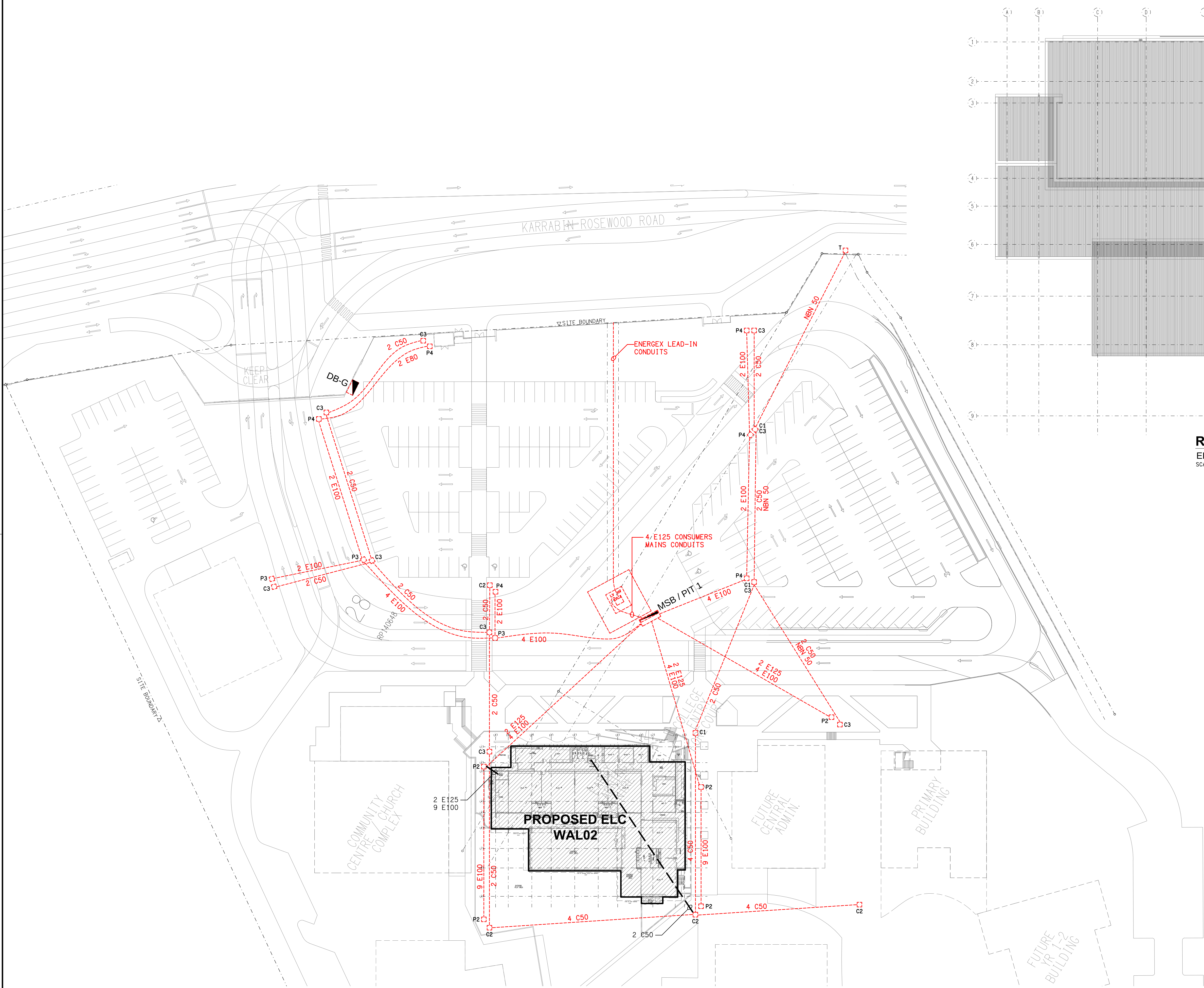
DRAWING:
ELECTRICAL SERVICES
POWER SCHEMATICS

SCALE:
NOT TO SCALE AT A1

PROJECT NO:
C3827a

DRAWING NO:
E03

REVISION:
A

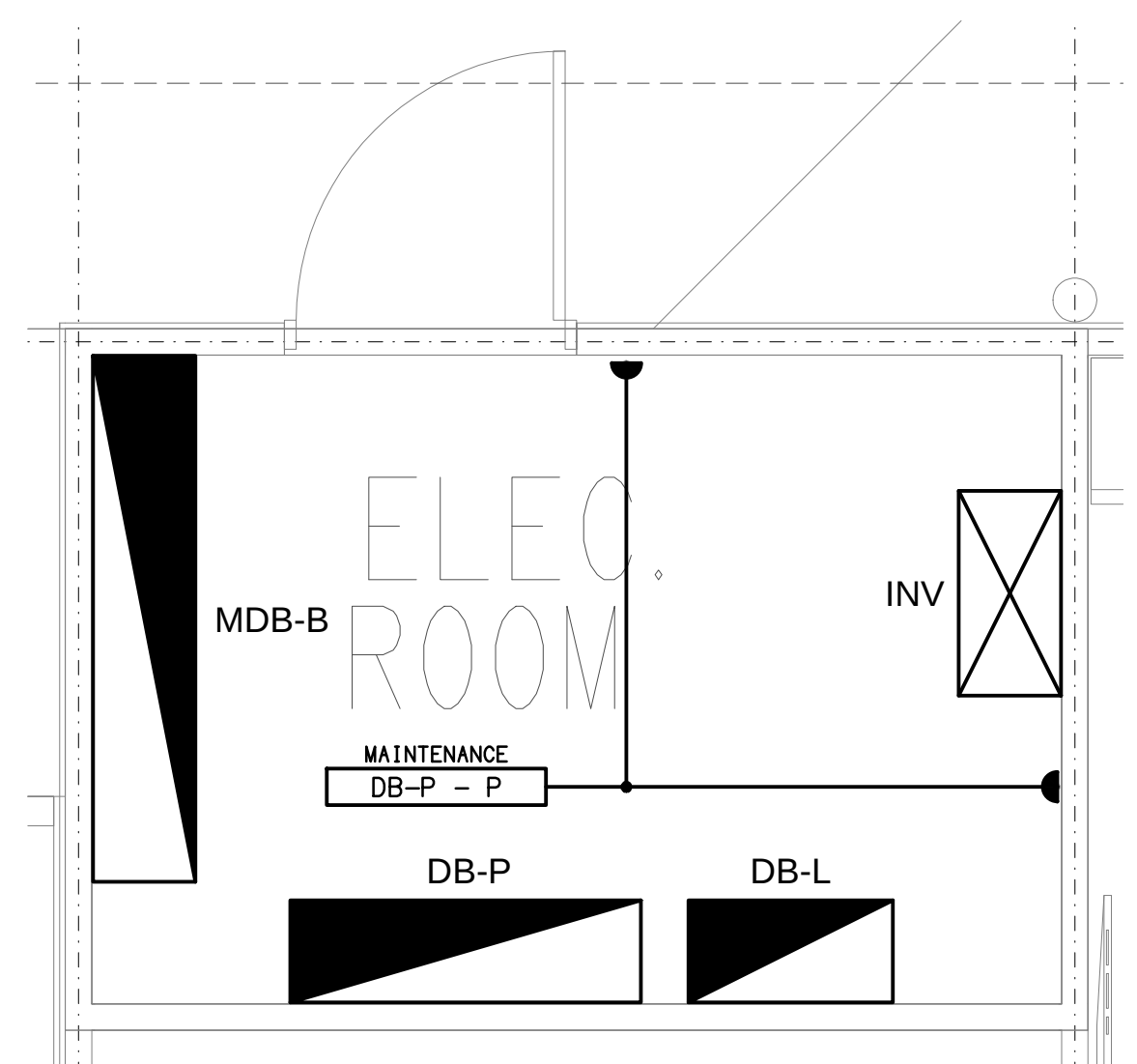
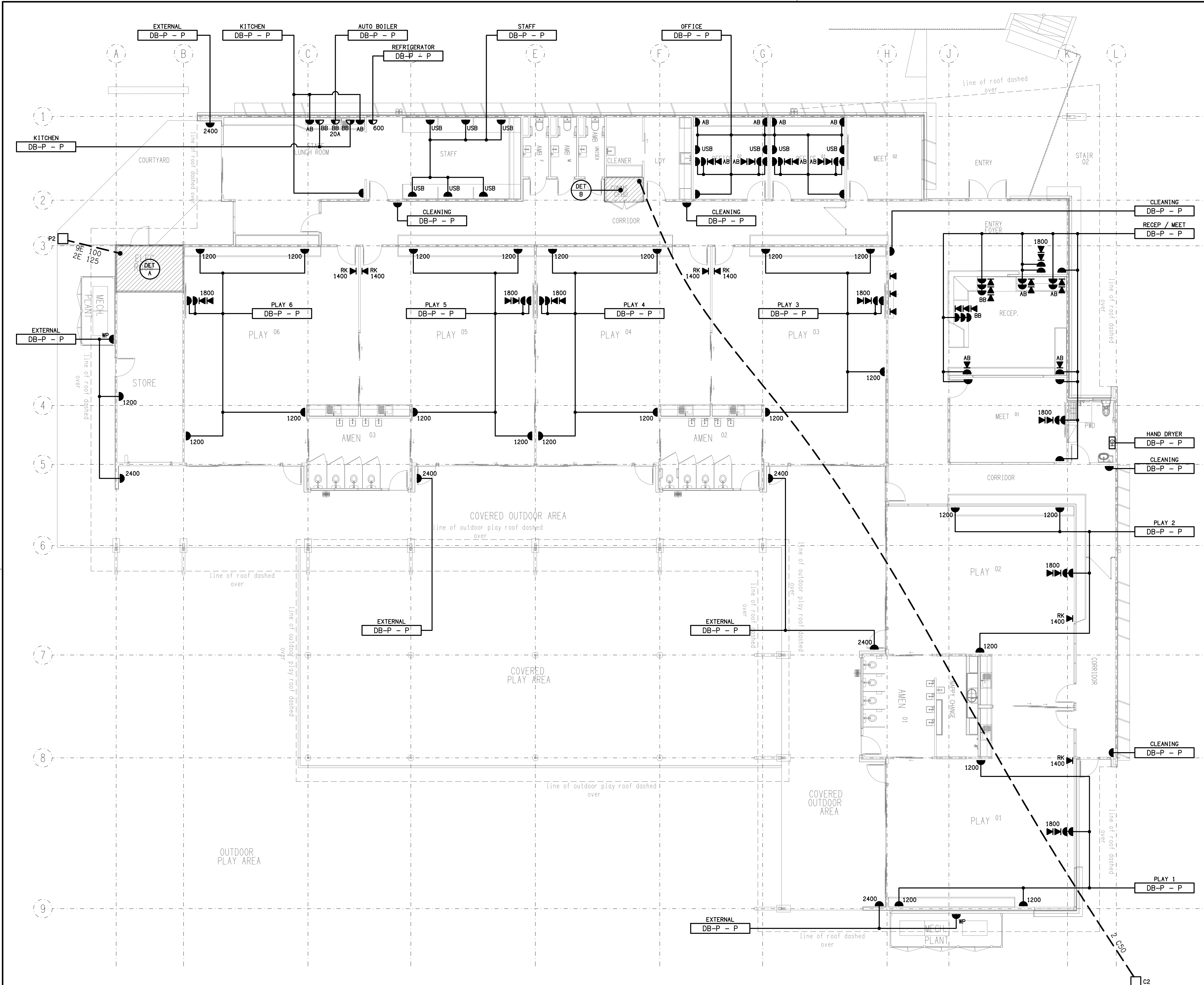


ROOF PLAN
ELC BUILDING
SCALE 1:200

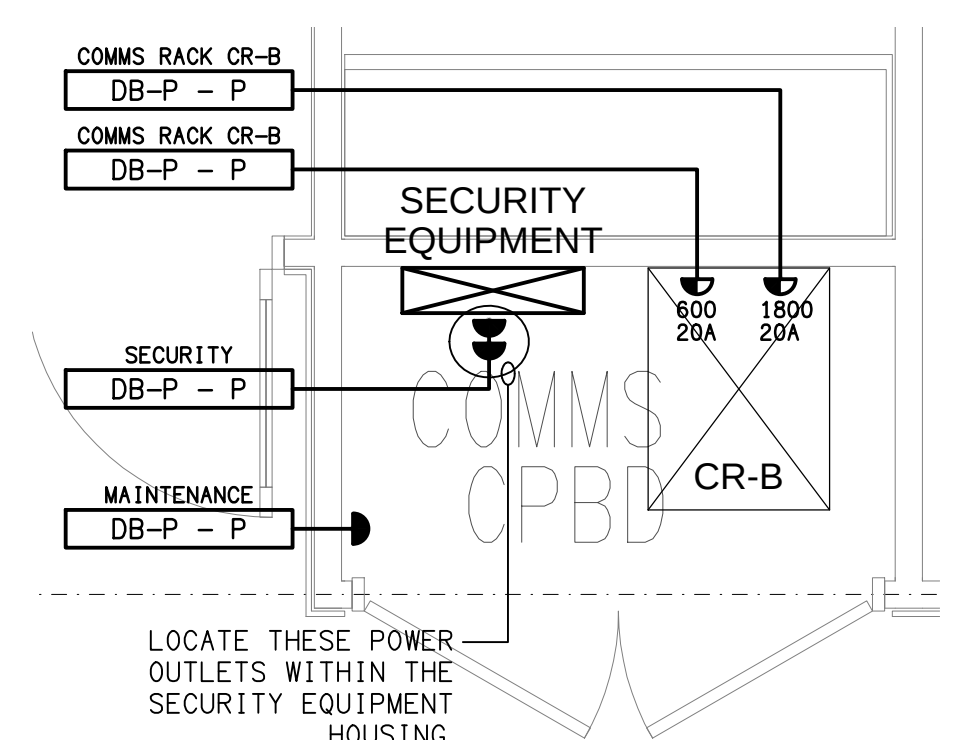
LINETYPES:

--- EXISTING CONDUIT

— PROPOSED CONDUIT



DETAIL A
ELECTRICAL ROOM FLOOR PLAN
SCALE 1:25



DETAIL B
COMMUNICATIONS CUPBOARD FLOOR PLAN
SCALE 1:25

