

C3826a - KINGS CHRISTIAN COLLEGE - WALLOON - PRIMARY WAL01

C3826a-0001(A).xls

ELECTRICAL SERVICES CONTRACT DOCUMENT SCHEDULE

REVISION A - 04 SEPTEMBER 2026

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

DISTRIBUTION				NUMBER OF COPIES										
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BURLING BROWN ARCHITECTS				1E										
P = PRINT		T = TRACING		D = DISC		E = EMAIL				F = FAX				

[illegible]

LEGEND

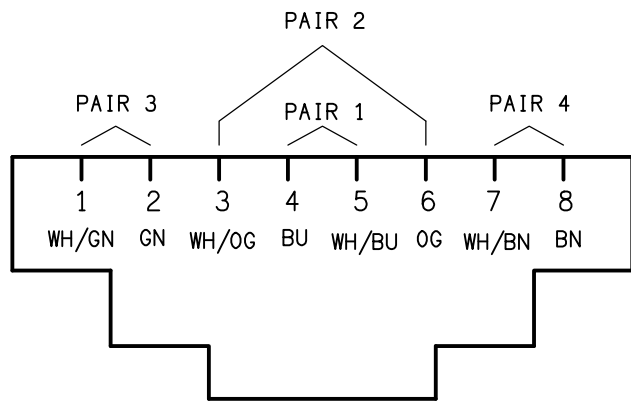
	ELECTRICAL SERVICES SWITCHBOARD.
	SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF THE ELECTRICAL SUBCONTRACT.
	SINGLE POWER OUTLET.
	DOUBLE POWER OUTLET.
	SPECIAL PURPOSE POWER OUTLET.
	SINGLE PHASE ISOLATOR.
	THREE PHASE ISOLATOR.
	CONDUIT ROUTE.
	HAND DRYER CONNECTION.
	ELECTRICAL PIT, TYPE AS NOTED.
	ONE-WAY LIGHT SWITCH.
	TWO-WAY LIGHT SWITCH.
	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 WALL MOUNTED 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.
	E2: WALL RECESSED LED EMERGENCY LIGHT, WHITE.
	E3: SURFACE MOUNTED LED EMERGENCY LIGHT, WHITE.
	EX: EMERGENCY LED EXIT LIGHT.
	EX WP: WEATHERPROOF 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: RECESSED AMENITY DOWNLIGHT, WHITE.
	L3: RECESSED ADJUSTABLE VERANDAH DOWNLIGHT, WHITE.
	L4: BREAKOUT SUSPENDED 4300 LONG LED EXTRUSION LIGHT, BLACK.
	L5: WALL MOUNTED UPLIGHT, WHITE.
	L6: RECESSED CIRCULATION DOWNLIGHT, WHITE.
	L7: RECESSED 300 x 600 LED FLAT PANEL, WHITE.
	L8: RECESSED 300 x 1200 LED FLAT PANEL, WHITE.
	L9: 1200 LONG SURFACE MOUNTED BATTEN LIGHT C/W INTEGRAL SENSOR.
	L10: 1200 LONG SURFACE MOUNTED BATTEN LIGHT.
	L11: SURFACE MOUNTED CAN DOWNLIGHT, WHITE.
	L12: RECESSED OFFICE DOWNLIGHT, WHITE.
	L13: RECEPTION SUSPENDED LED EXTRUSION LIGHT, WHITE.
	L14: RECESSED 600 x 600 LED FLAT PANEL, WHITE.

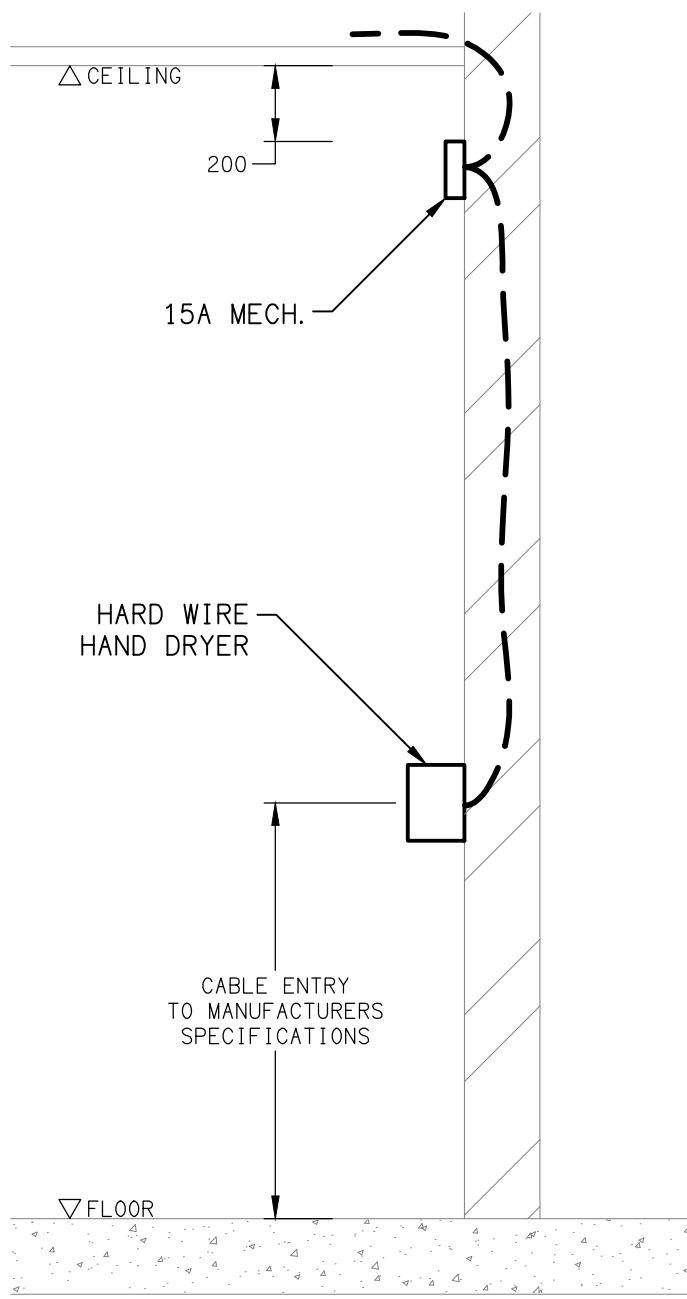
NOTE

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.



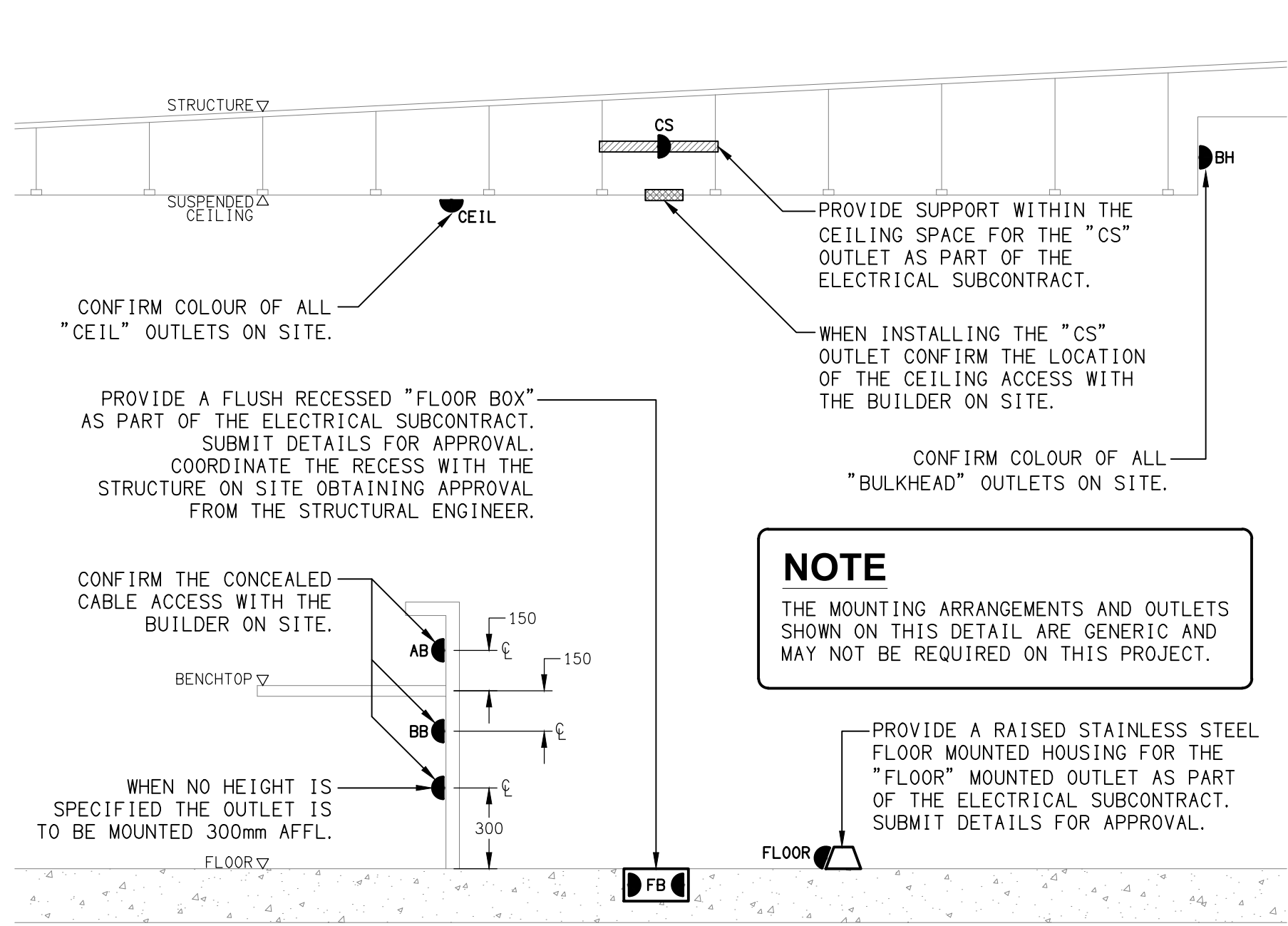
SCHEMATIC

RJ45 PINOUT CONFIGURATION
NOT TO SCALE



DETAIL

HAND DRYER CONNECTION
NOT TO SCALE

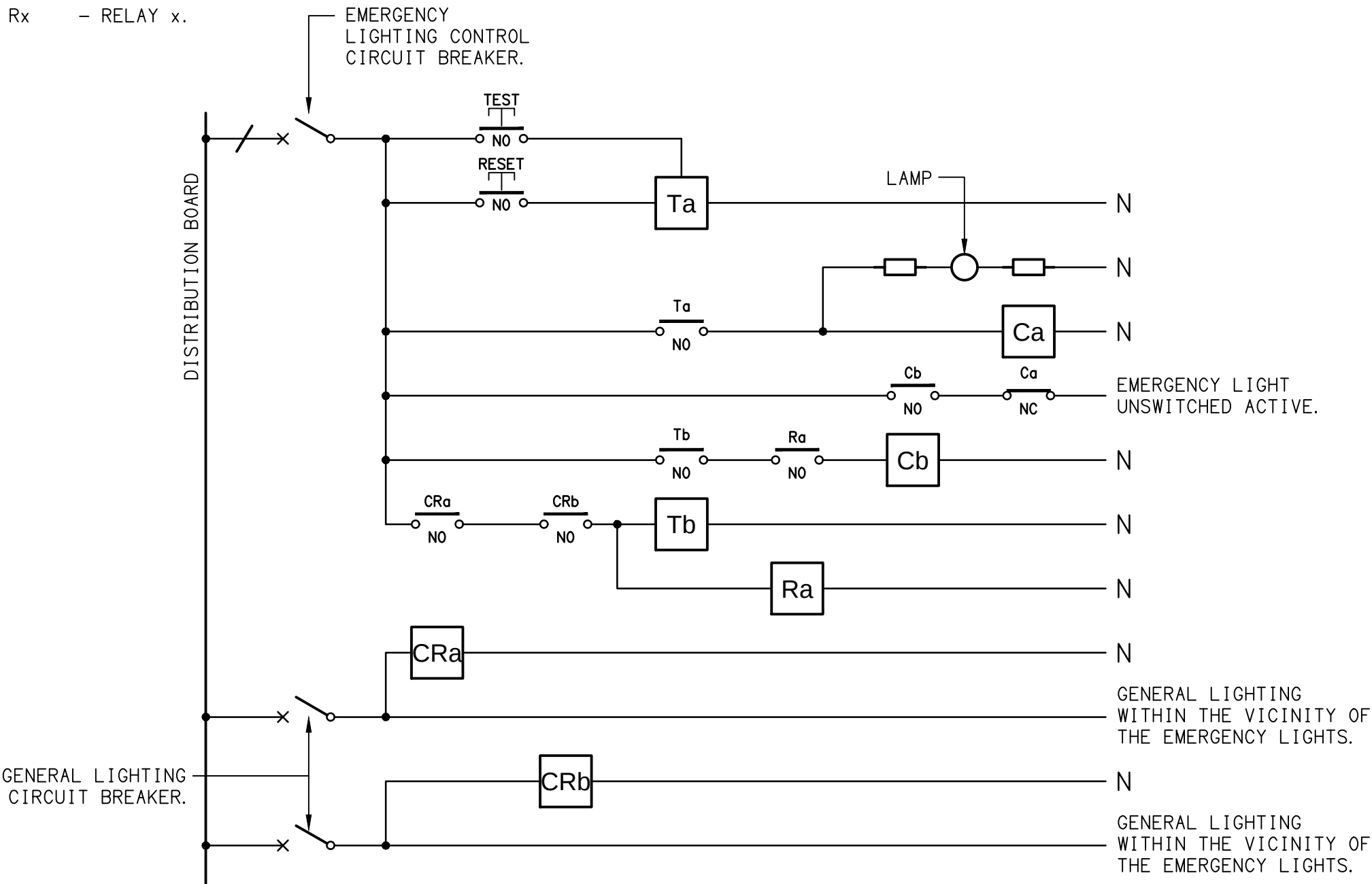


DETAIL

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.



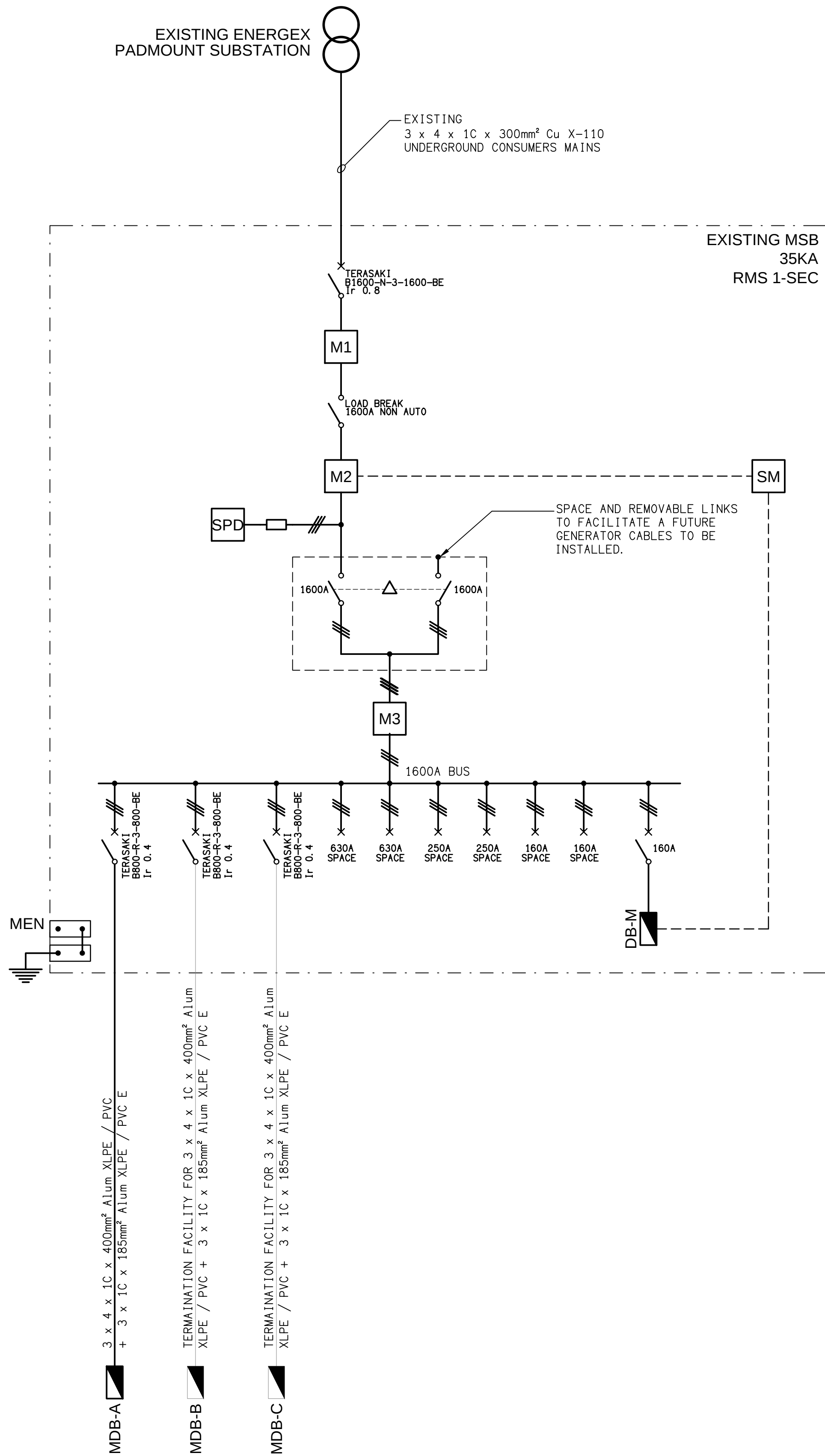
NOTES

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.

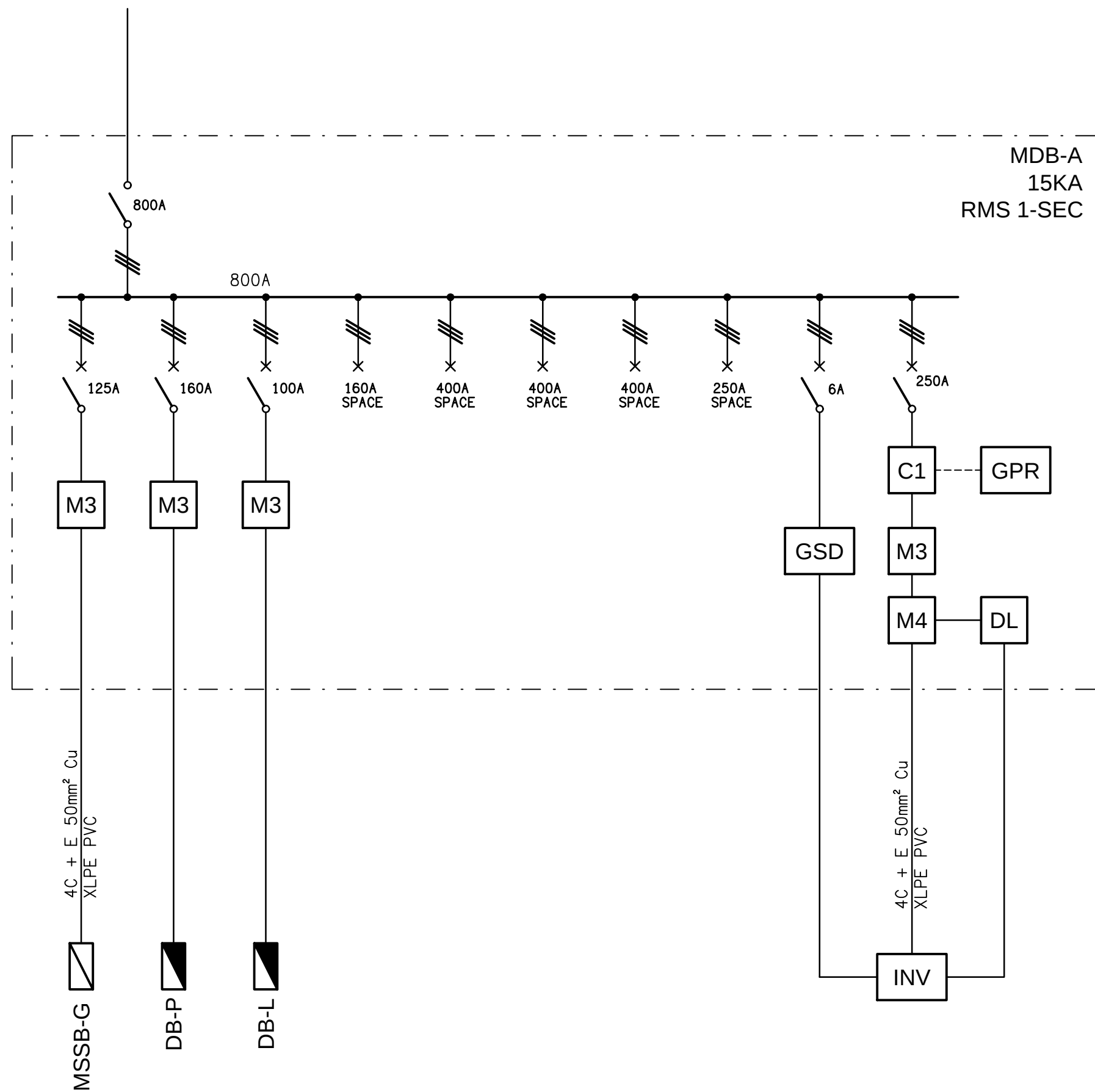
SCHEMATIC

EMERGENCY LIGHTING
NOT TO SCALE

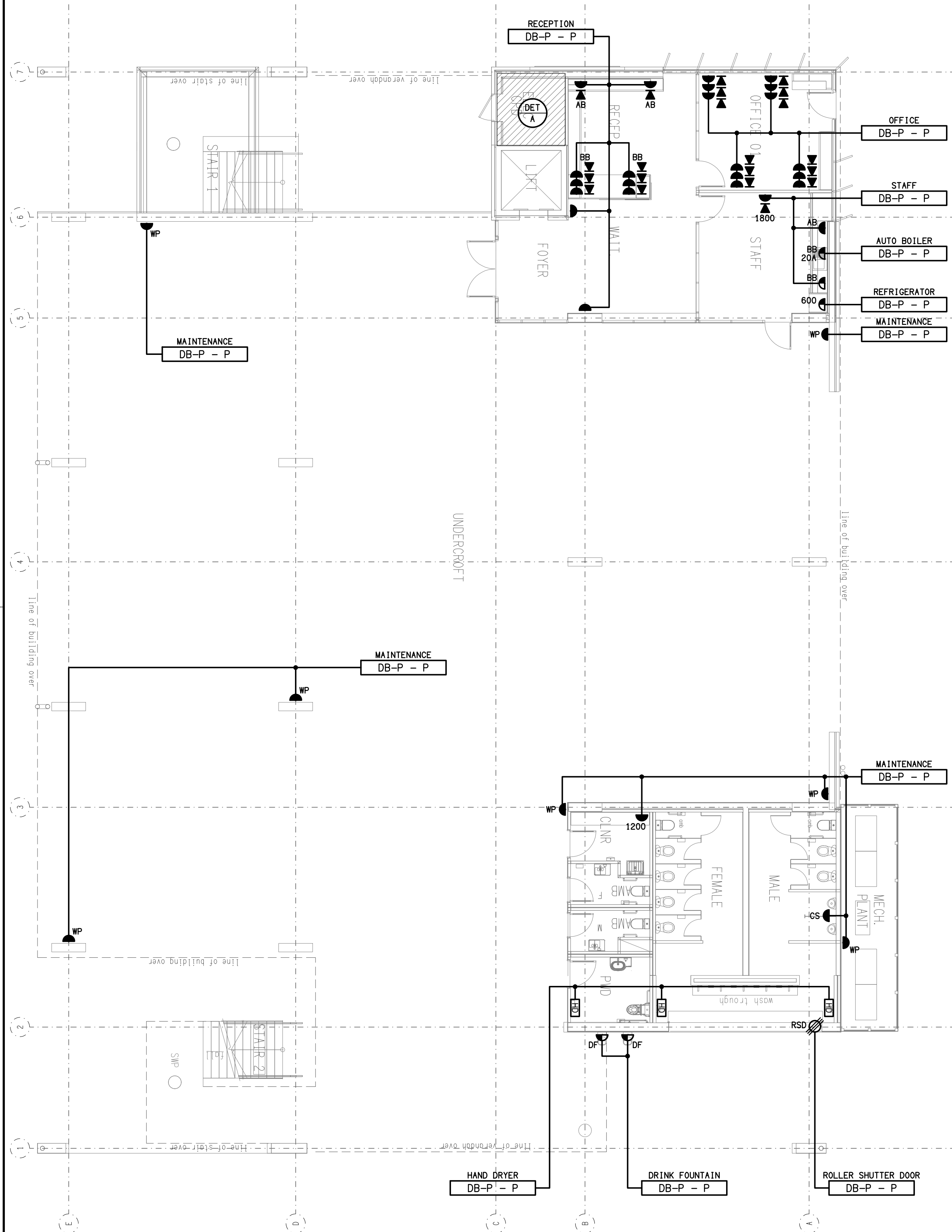
ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793 TRADING AS: ELECTRICAL DESIGN GROUP	THE COPYRIGHT OF THIS DRAWING REMAINS THE PROPERTY OF THE ELECTRICAL DESIGN GROUP. USE FIGURED DIMENSIONS IN PREFERENCE TO SCALE. ALL DIMENSIONS TO BE VERIFIED ONSITE.	 ELECTRICAL DESIGN GROUP ELECTRICAL BUILDING 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	PROJECT: KINGS CHRISTIAN COLLEGE WALLOON PRIMARY WAL01 KARRABIN ROSEWOOD ROAD, WALLOON	A PRELIMINARY 04/09/2026	
				REV: DESCRIPTION: DATE:	DRAWING: ELECTRICAL SERVICES LEGEND & DETAILS SCALE: NOT TO SCALE AT A1 PROJECT NO: C3826a DRAWING NO: E01 REVISION: A



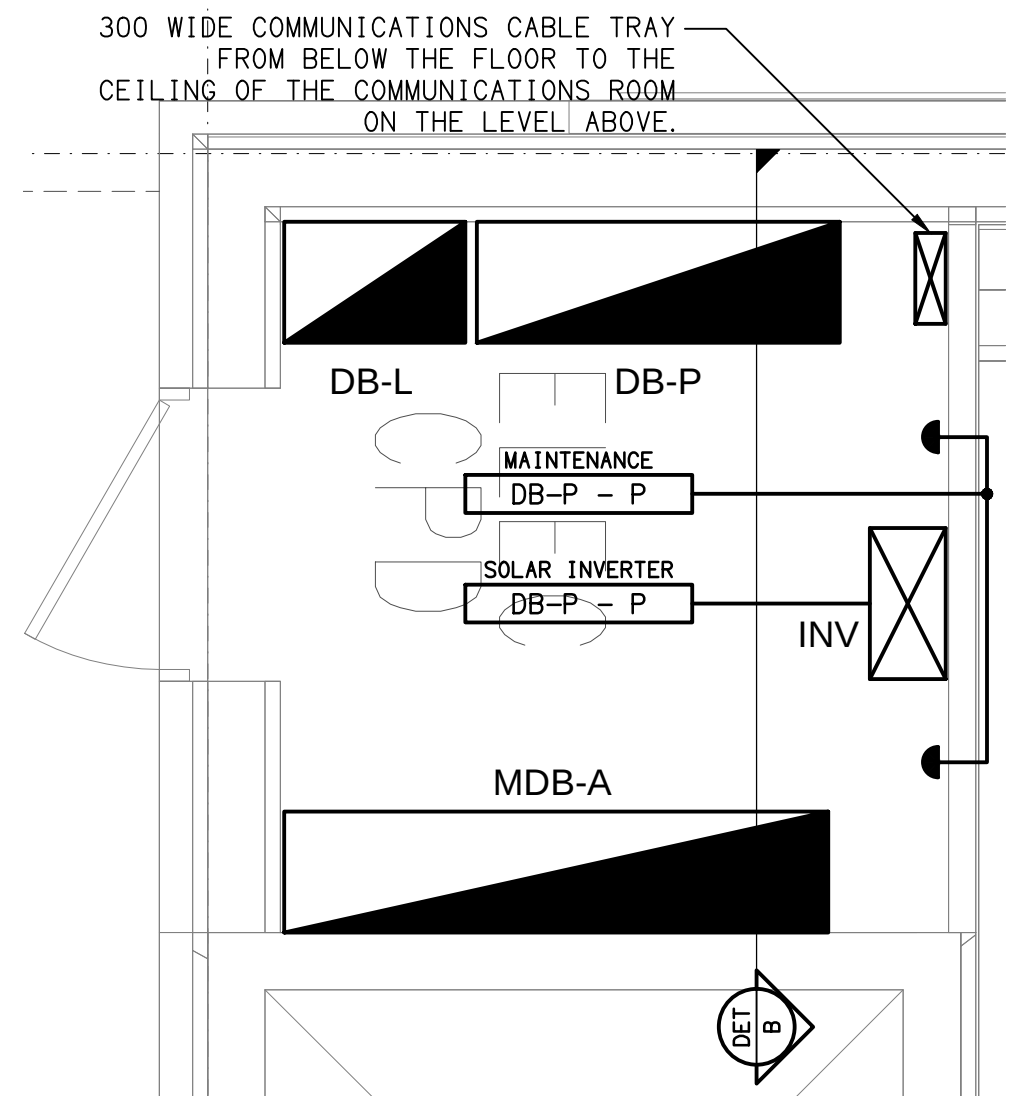
SCHEMATIC
MAIN SWITCHBOARD CONFIGURATION
NOT TO SCALE



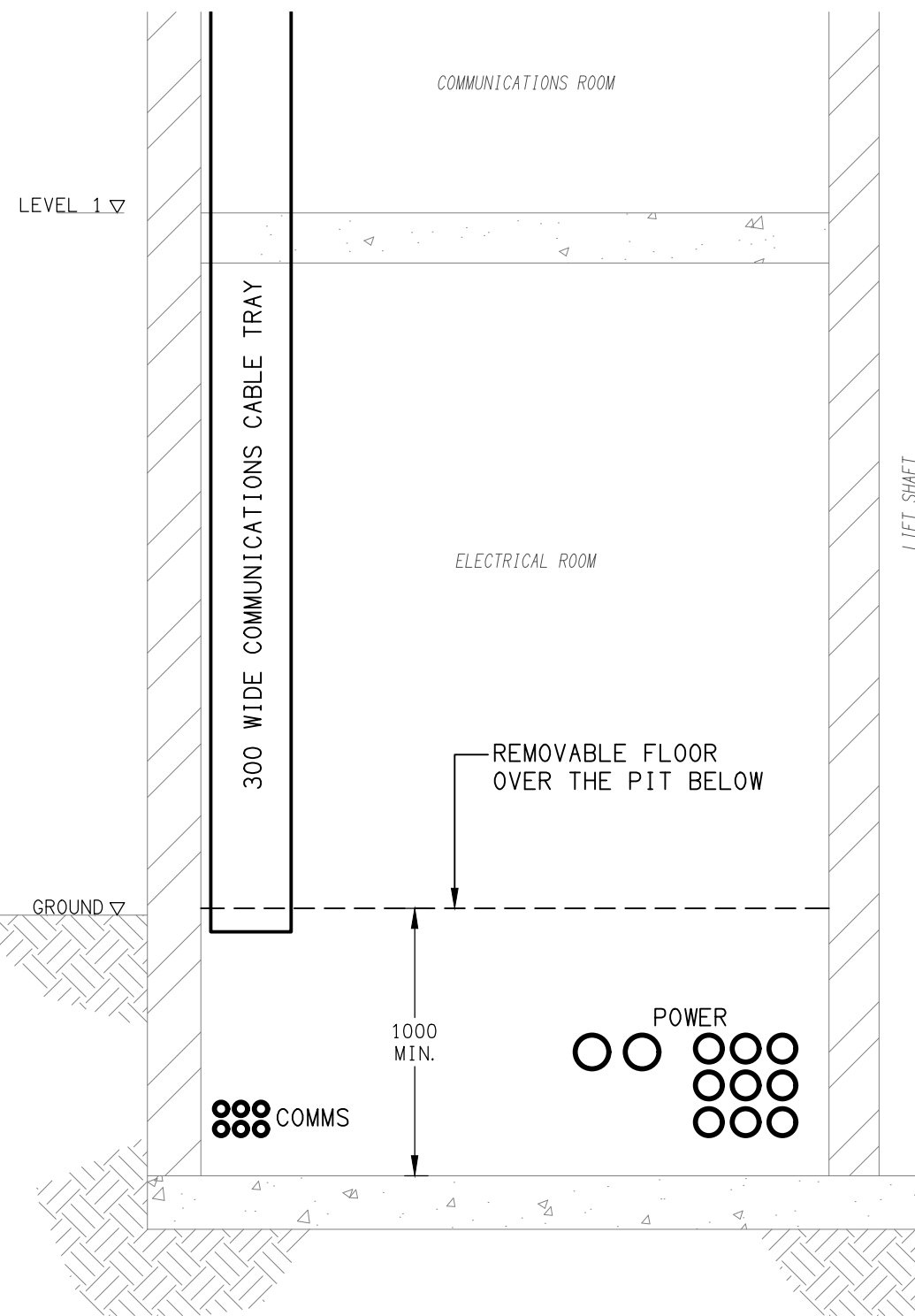
SCHEMATIC
MDB-A CONFIGURATION
NOT TO SCALE



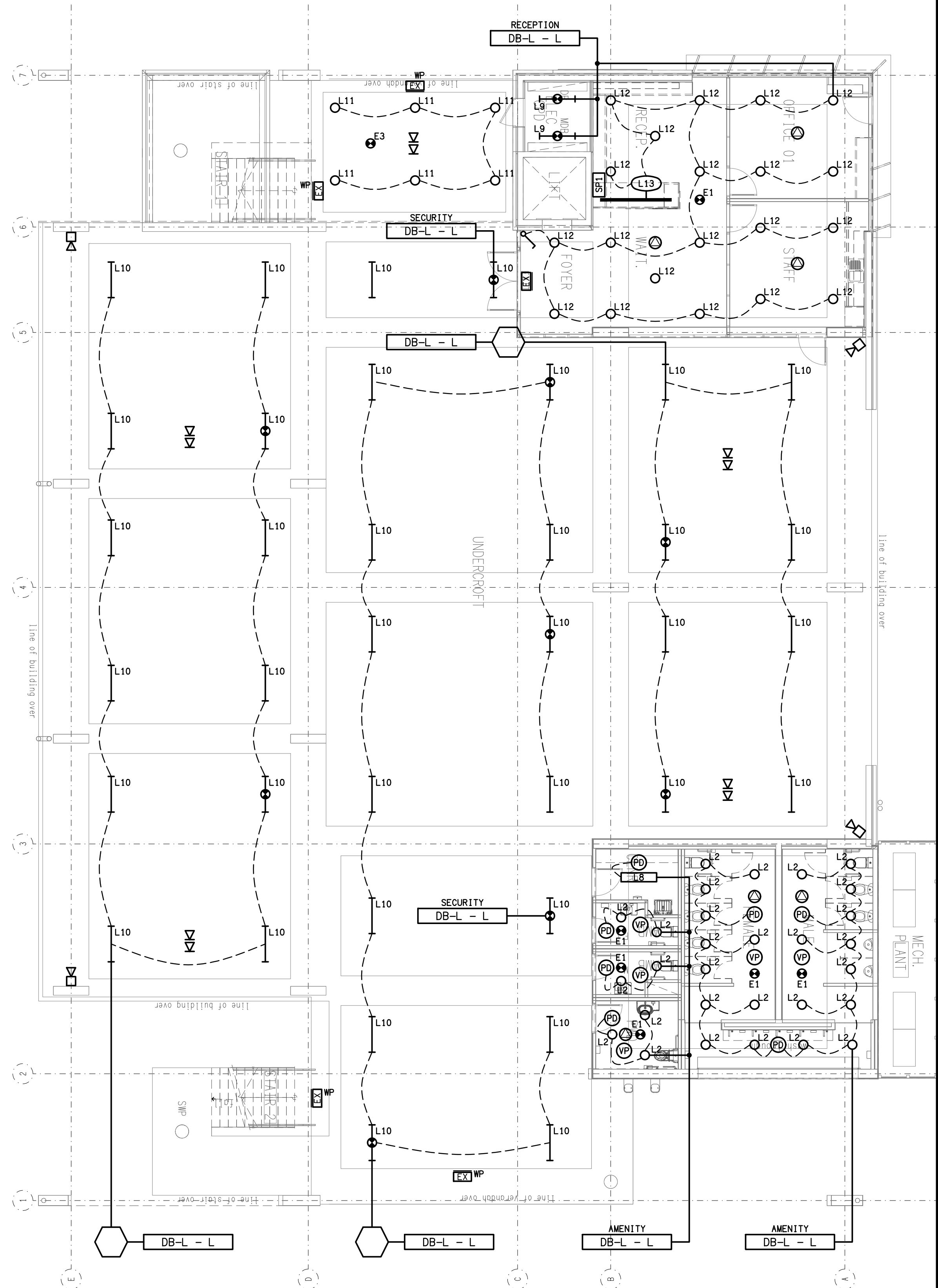
FLOOR PLAN
GROUND LEVEL PRIMARY BUILDING
SCALE 1: 100



DETAIL A
ELECTRICAL ROOM FLOOR PLAN
SCALE 1: 25



DETAIL B
ELECTRICAL ROOM SECTION
SCALE 1: 25



REFLECTED CEILING PLAN
GROUND LEVEL PRIMARY BUILDING
SCALE 1: 100

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PROJECT:
KINGS CHRISTIAN COLLEGE WALLOON
PRIMARY WAL01

KARRABIN ROSEWOOD ROAD, WALLOON

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

DRAWING:
ELECTRICAL SERVICES
GROUND LEVEL PLANS

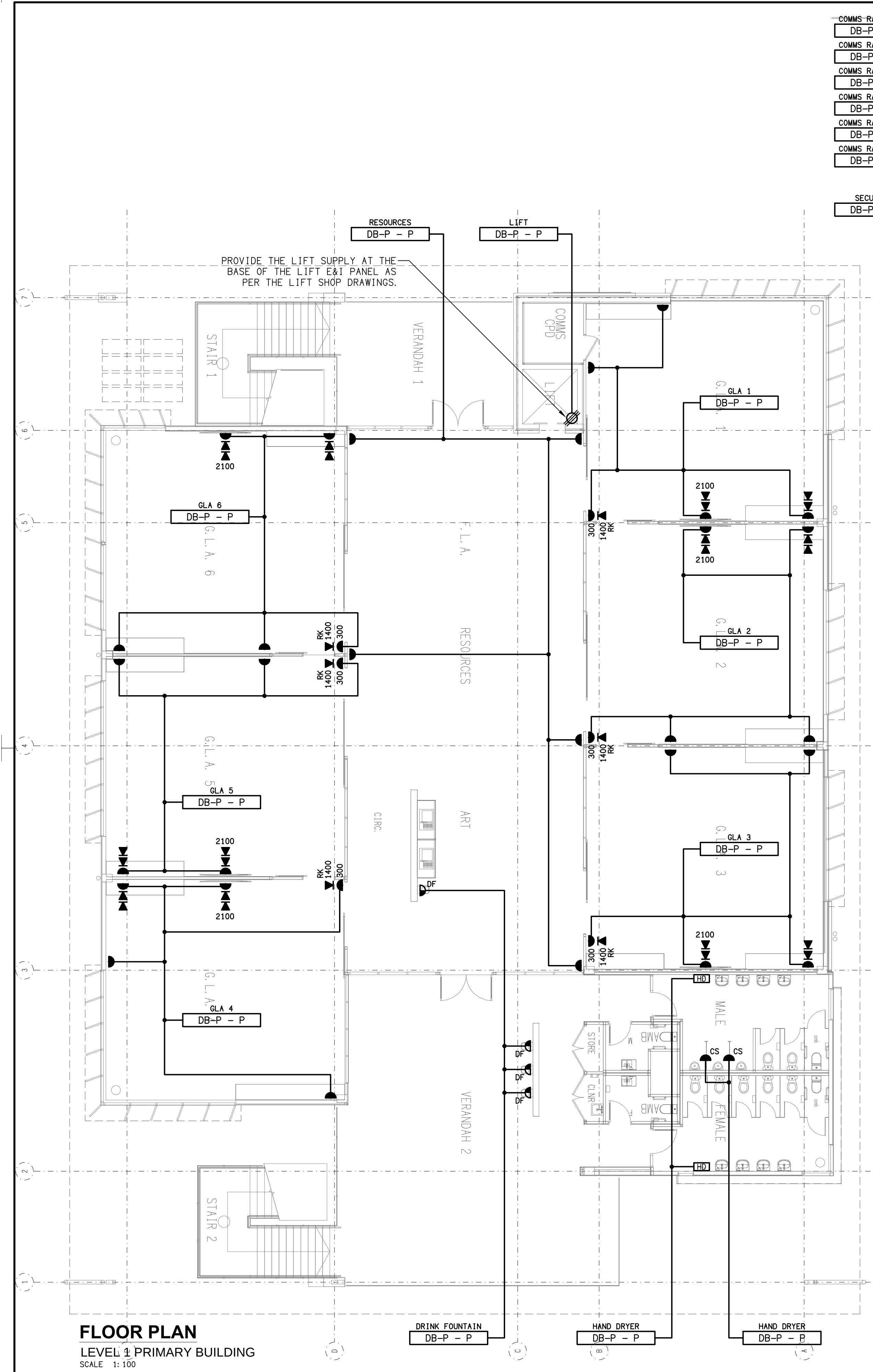
SCALE:
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AT A1

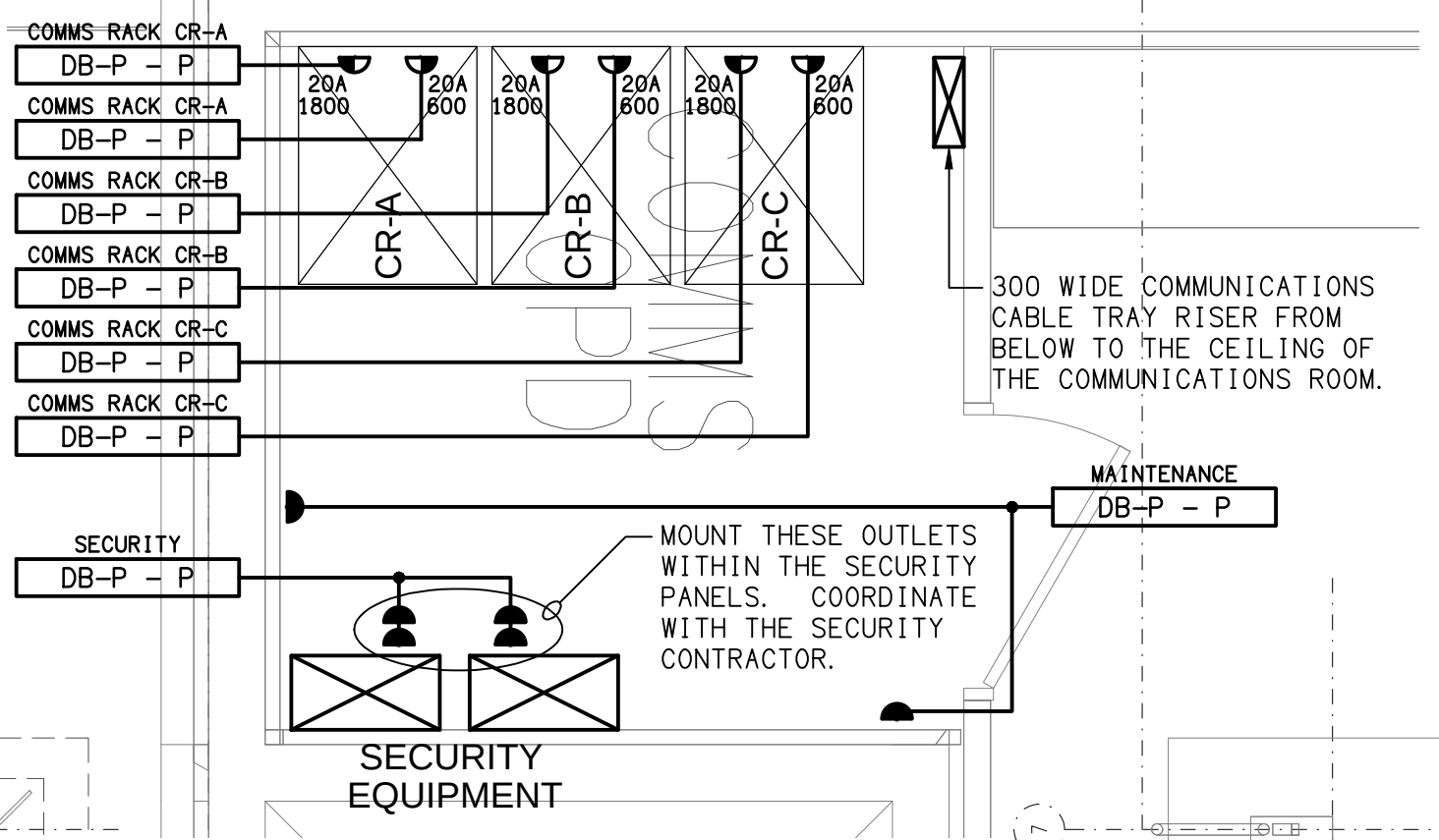
PROJECT NO:
C3826a

DRAWING NO:
E05

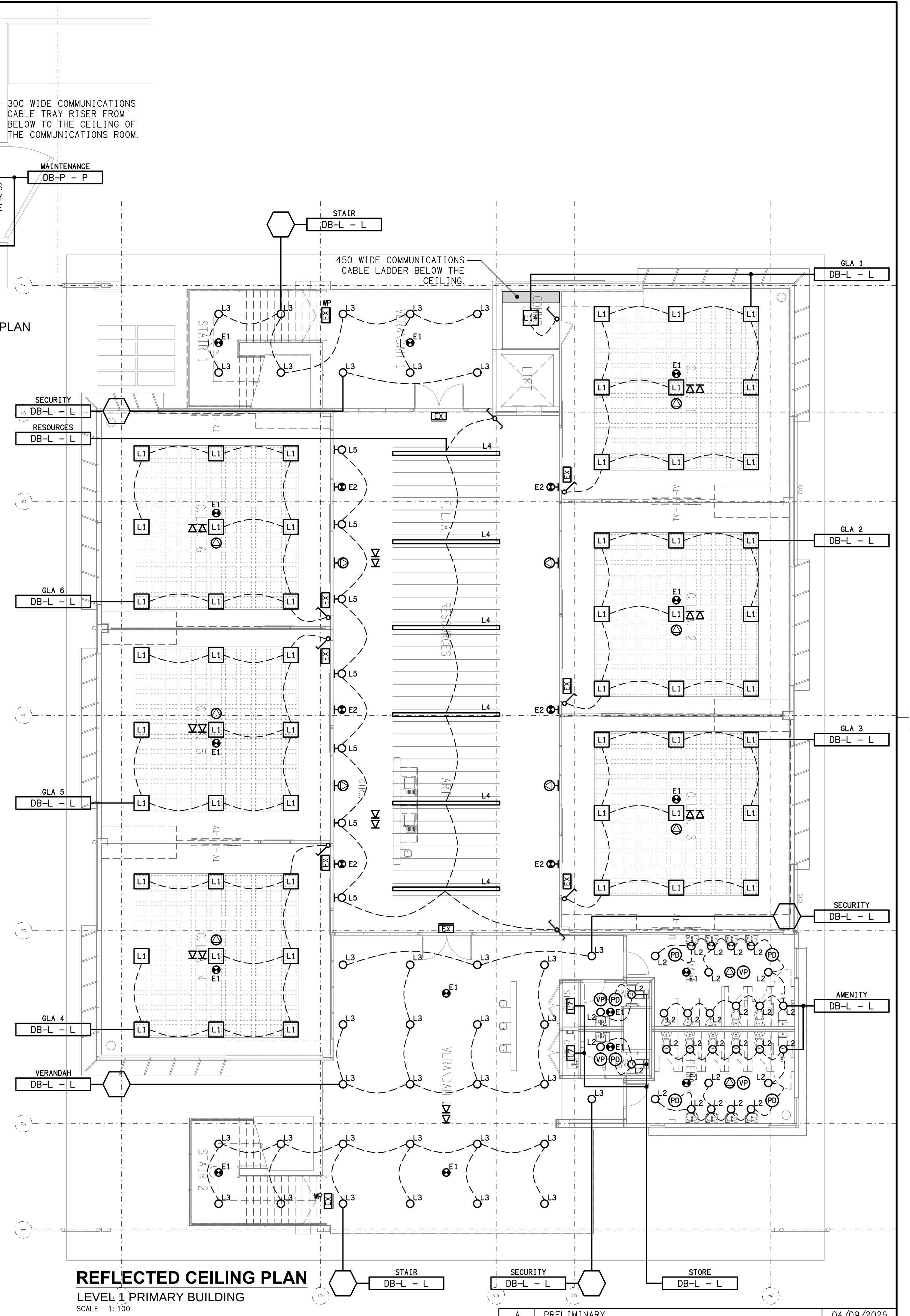
REVISION:
A



FLOOR PLAN
LEVEL 1 PRIMARY BUILDING
SCALE 1:100



DETAIL A
COMMUNICATION ROOM FLOOR PLAN
SCALE 1:25



REFLECTED CEILING PLAN
LEVEL 1 PRIMARY BUILDING
SCALE 1:100