



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C2864a - DRY DOCK ROAD HOTEL, TWEED HEADS SOUTH
ELECTRICAL SERVICES CONTRACT DOCUMENT SCHEDULE
REVISION A - 08 MARCH 2024









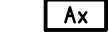
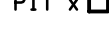








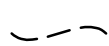
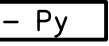
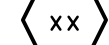












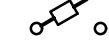


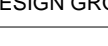

C2864a-0001(A).xls

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





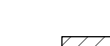




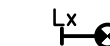



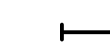
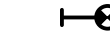








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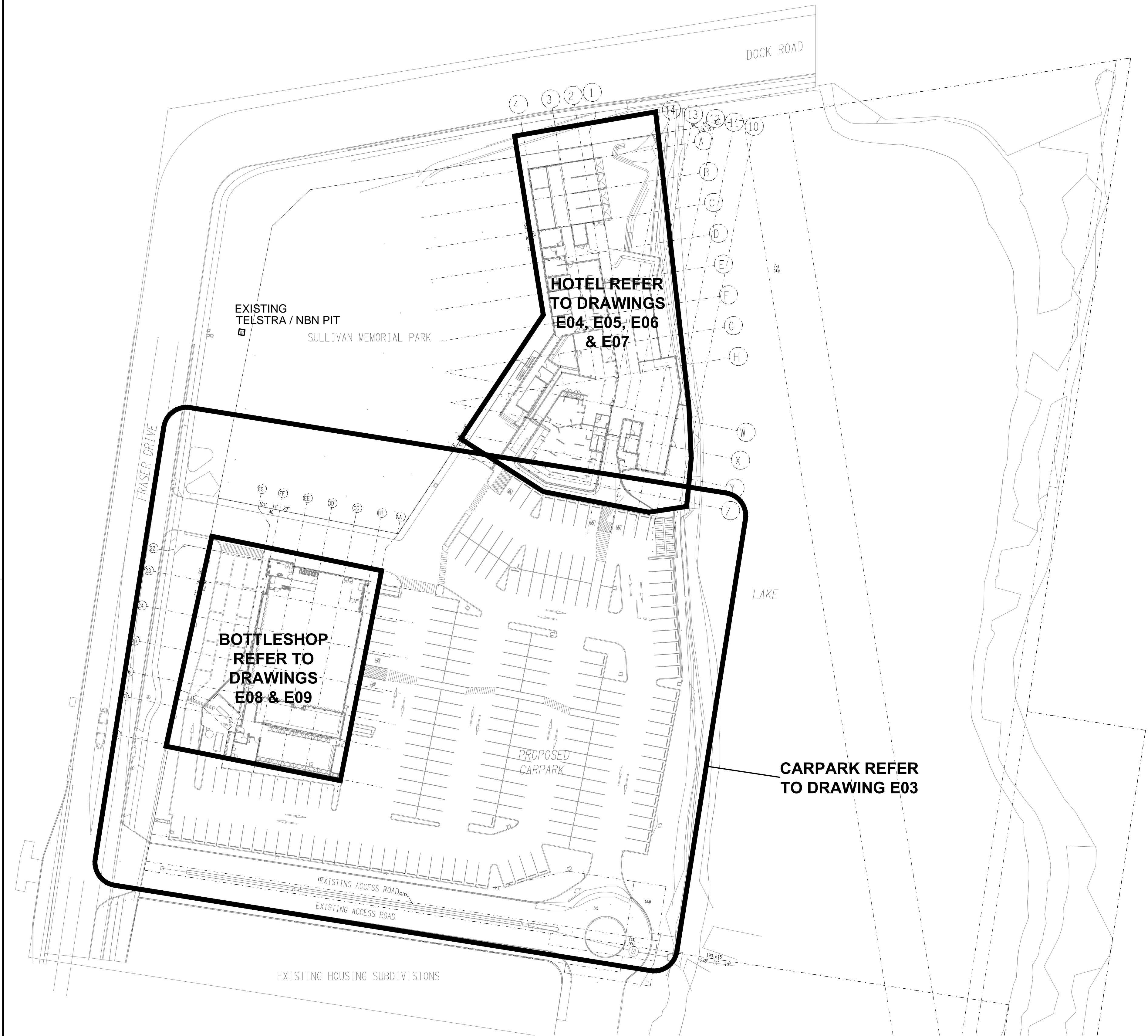
DOCUMENTS					REVISION				
C2864a-E01.dwg	LEGEND				A				
C2864a-E02.dwg	SITE PLAN				A				
C2864a-E03.dwg	CARPARK PLAN				A				
C2864a-E04.dwg	HOTEL FLOOR PLAN				A				
C2864a-E05.dwg	HOTEL FLOOR PLAN DETAILS				A				
C2864a-E06.dwg	HOTEL REFLECTED CEILING PLAN				A				
C2864a-E07.dwg	HOTEL JOINERY LIGHTING PLAN				A				
C2864a-E08.dwg	BOTTLE SHOP FLOOR PLAN				A				
C2864a-E09.dwg	BOTTLE SHOP REFLECTED CEILING PLAN				A				
C2864a-E10.dwg	ROOF PLANS				A				
C2864a-E11.dwg	SCHEMATICS & DETAILS				A				
C2864a-0001.xls	CONTRACT DOCUMENT SCHEDULE				A				
C2864a-0002.xls	EQUIPMENT SCHEDULE								
C2864a-0003.xls	STANDARDS SCHEDULE								
C2864a-0004.xls	LIGHTING CONTROL SCHEDULE								
C2864a-0005.xls	ABBREVIATIONS SCHEDULE								
C2864a-0006.xls	DISTRIBUTION BOARD DB-1 SCHEDULE								
C2864a-0007.xls	DISTRIBUTION BOARD DB-2 SCHEDULE								
C2864a-0008.xls	DISTRIBUTION BOARD DB-B SCHEDULE								
C2864a-0001.doc	ELECTRICAL SERVICES SPECIFICATION								
C2864a-0001.zip	FITTING & OUTLET DATASHEETS								

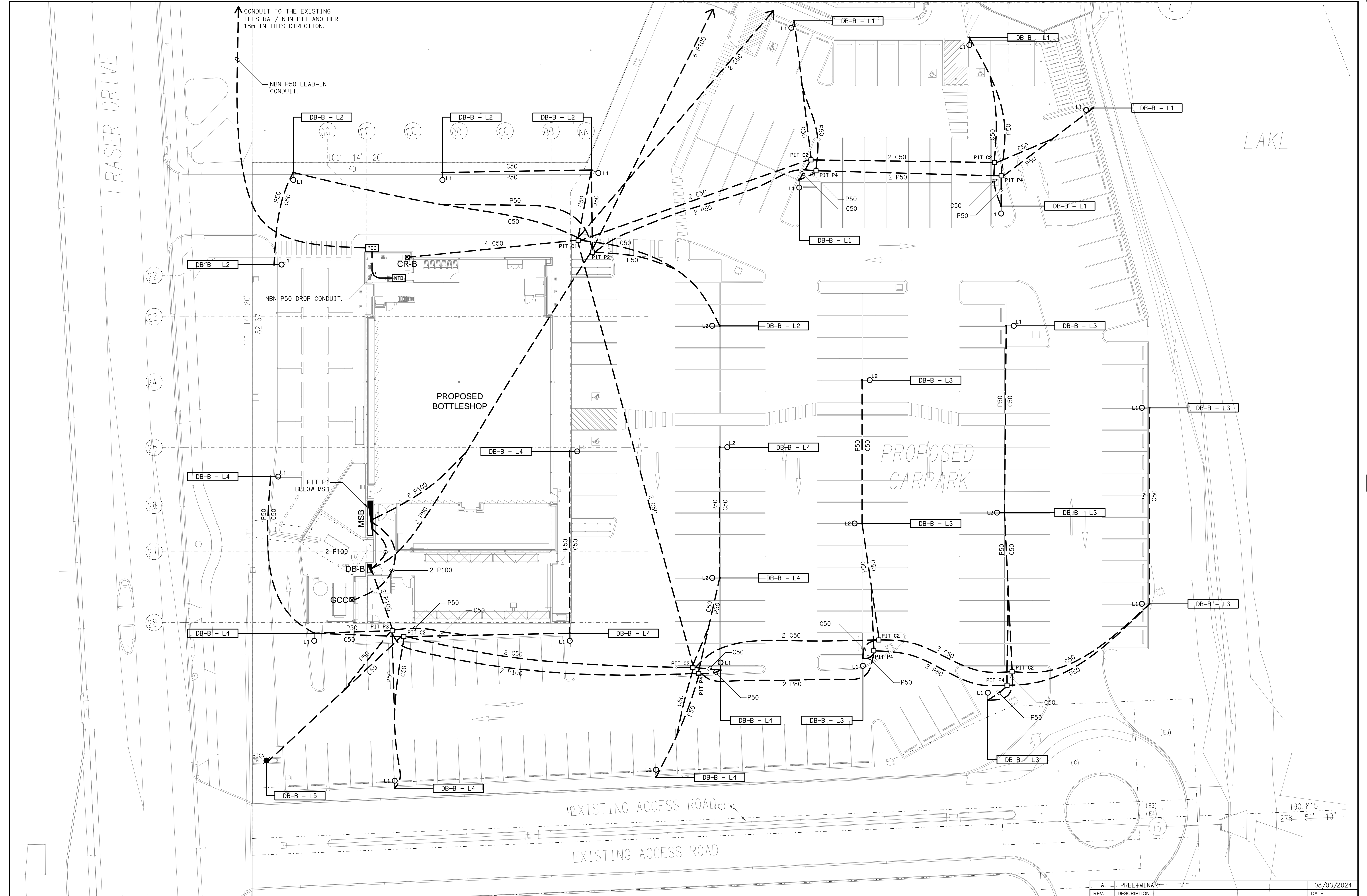
LEGEND

-  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.
-  JUNCTION BOX.
-  CONDUIT ROUTE.
-  RFID GATE CONDUIT, TYPE AS NOTED.
-  ELECTRICAL PIT, TYPE AS NOTED.
-  TELSTRA PIT.
-  HAND DRYER CONNECTION.
-  GAMING FIBRE.
-  LIGHTING PRESENCE DETECTOR SWITCH.
-  LIGHTING CONTROL SWITCH PANEL, TYPE AS NOTED.
-  ONE-WAY LIGHT SWITCH.
-  TWO-WAY LIGHT SWITCH.
-  CEILING FAN SPEED CONTROLLER (FSC).
-  CEILING FAN.
-  CIRCUIT LINE.
-  SWITCH LINE.
-  POWER CIRCUIT DESIGNATION. DENOTES DB AND CIRCUIT.
-  LIGHTING CONTROL CHANNEL REFERENCE.
-  MAIN DISTRIBUTION FRAME.
-  ELECTRICAL EQUIPMENT AS NOTED.
-  RJ45 COMMUNICATIONS OUTLET.
-  NBN NETWORK TERMINATION DEVICE.
-  NBN PREMISES CONNECTION DEVICE.
-  CAT-6 LINK CABLE OUTLET.
-  SUPPLY AUTHORITY CODE COMPLIANT LV MAXIMUM DEMAND TARIFF METER.
-  PRIVATE MULTI-FUNCTION METER.
-  MANUAL TRANSFER SWITCH.
-  FUSE.
-  SINGLE PHASE.
-  THREE PHASE.
-  CURRENT TRANSFORMER C/W REMOVABLE LINK.
-  FUSE LINK.
- COMBINED FUSE SWITCH.

LEGEND

-  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.
-  ELECTRICAL CABLE TRAY AS NOTED.
-  LIGHTING TRACK C/W ADJUSTABLE TRACK LIGHTS, CABLE TRAY MOUNTED AS PER DETAILS.
-  E1: GENERAL LED EMERGENCY LIGHT.
-  EX: EMERGENCY LED EXIT LIGHT.
-  Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK. TYPE AS NOTED.
-  L1: CARPARK LIGHT MOUNTED ON A 9m POLE.
-  L2: CARPARK LIGHT MOUNTED ON A 9m POLE C/W VEHICLE IMPACT PROTECTION.
-  L3: 1200 LONG BATTEN C/W MOTION SENSOR.
-  L4: 1200 LONG BATTEN.
-  L5: 1200 LONG BATTEN UNSWITCHED C/W NON-MAINTAINED EMERGENCY PACK.
-  L6: INTERNAL HIGH BAY LIGHT.
-  L7: 600 x 600 LED FLAT PANEL LIGHT.
-  L8: RECESSED AMENITY DOWNLIGHT.
-  L9: EXTERNAL HIGH BAY LIGHT.
-  L10: EXTERNAL FLOOD LIGHT, WALL MOUNTED.
-  L11: EXTERNAL RECESSED DOWNLIGHT.
-  L12: EXTERNAL RECESSED DOWNLIGHT.





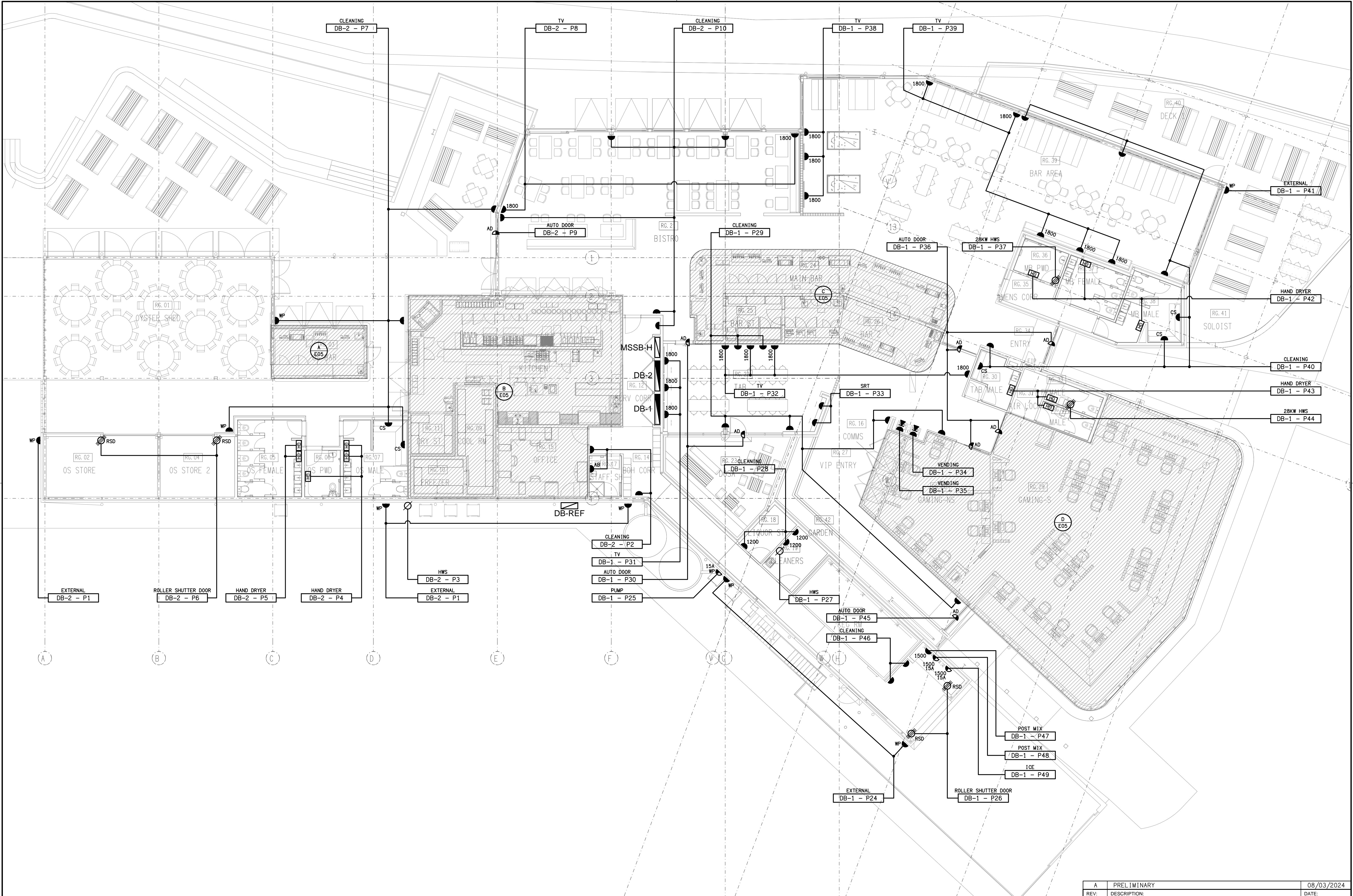
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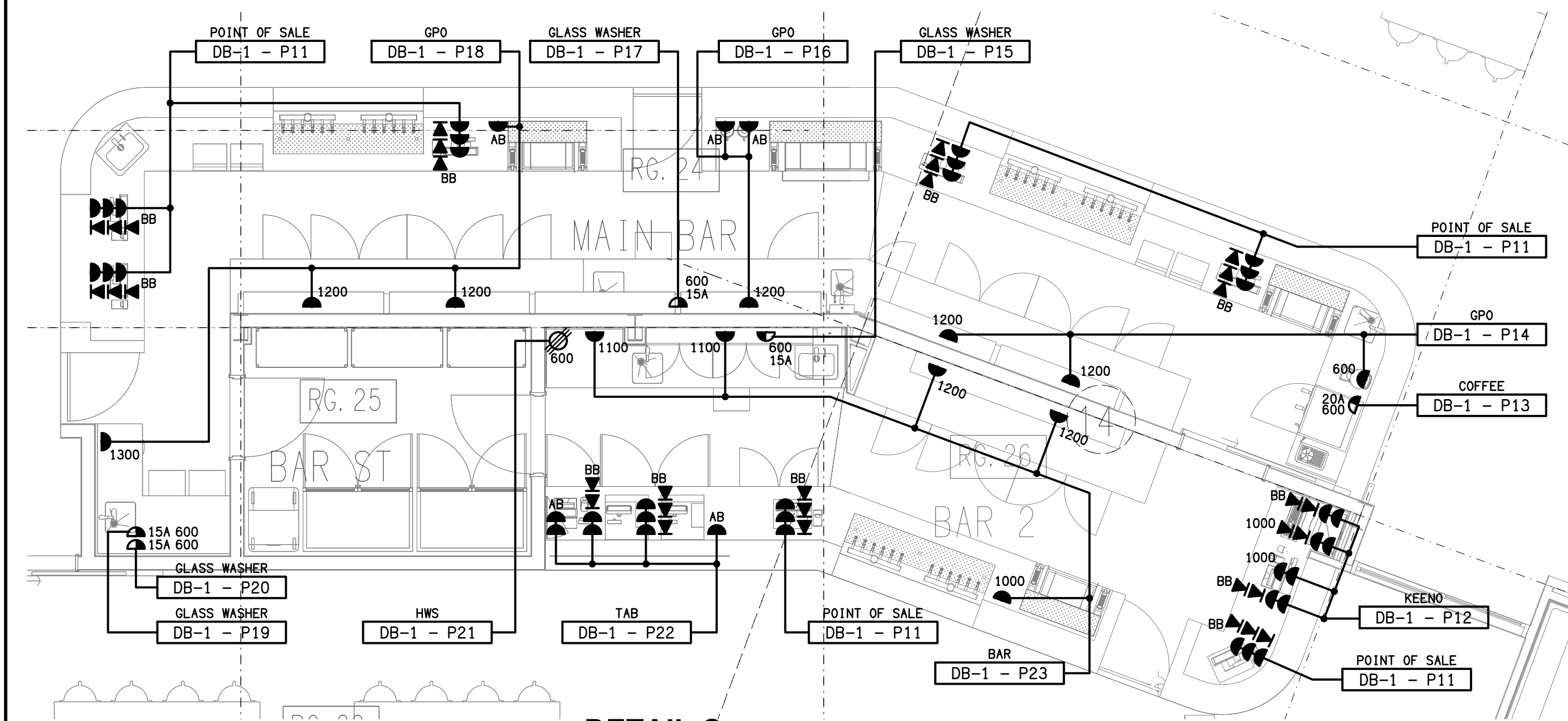
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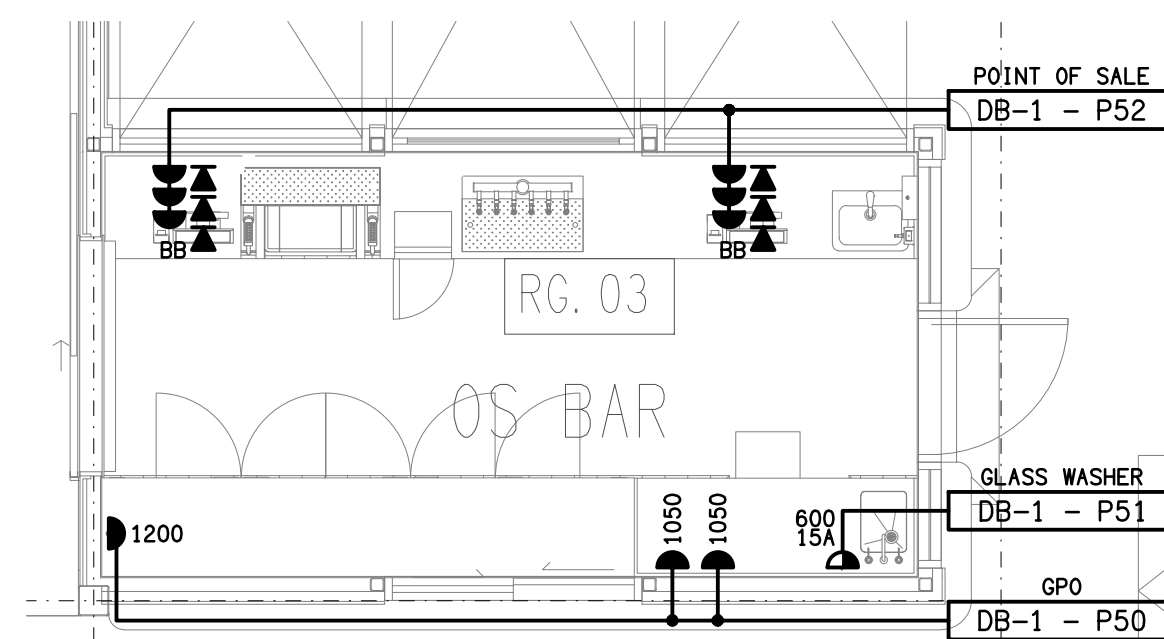
PROJECT:
**DRY DOCK ROAD HOTEL,
TWEED HEADS SOUTH**
CORNER DOCK ROAD & FRASER DRIVE, NEW SOUTH WALES

A - PRELIMINARY		08/03/2024
REV:	DESCRIPTION:	DATE:
DRAWING: ELECTRICAL SERVICES CARPARK PLAN		
SCALE: 1:200	AT A1	PROJECT NO: C2864a
		DRAWING NO: E03
		REVISION: A

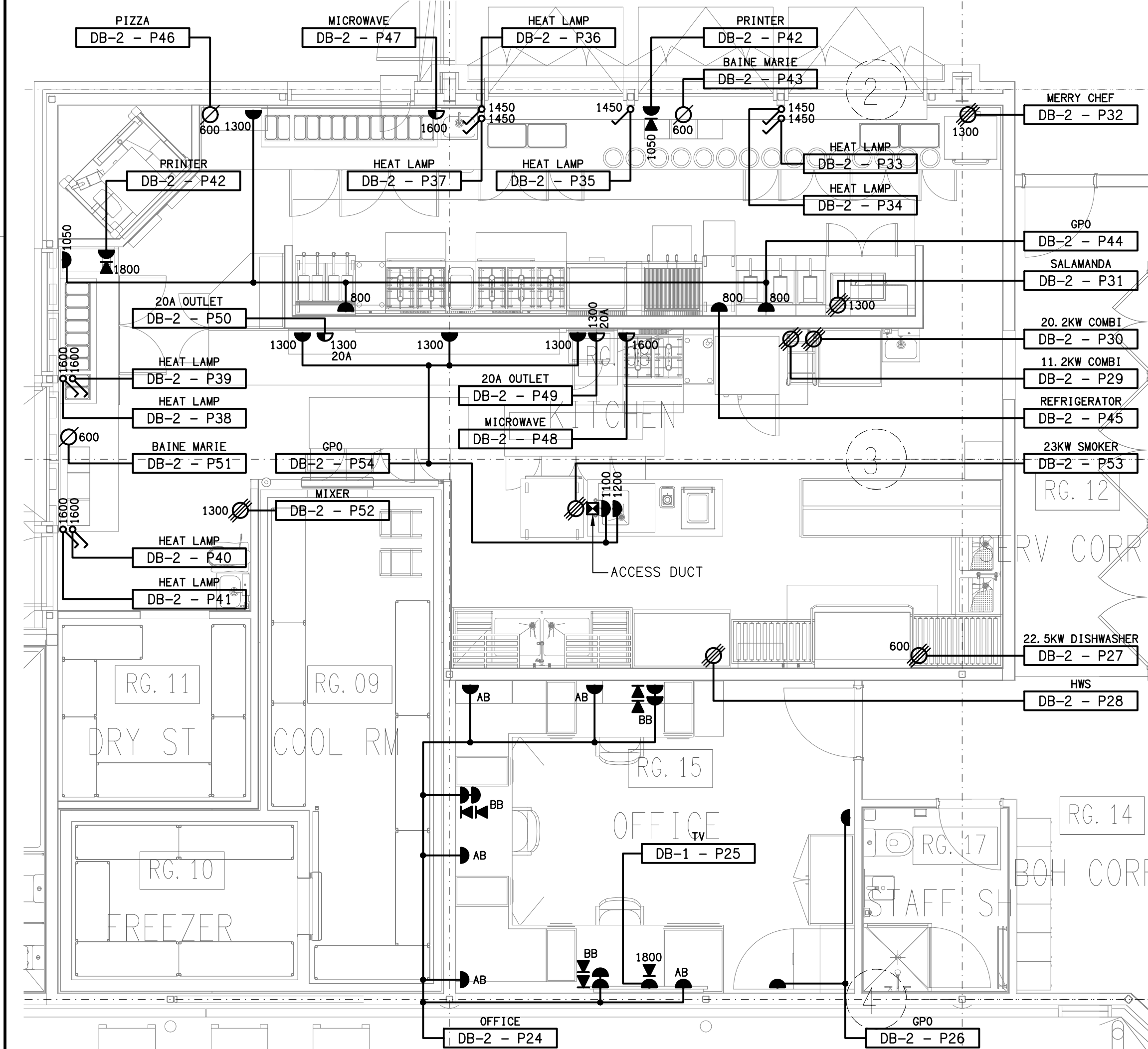




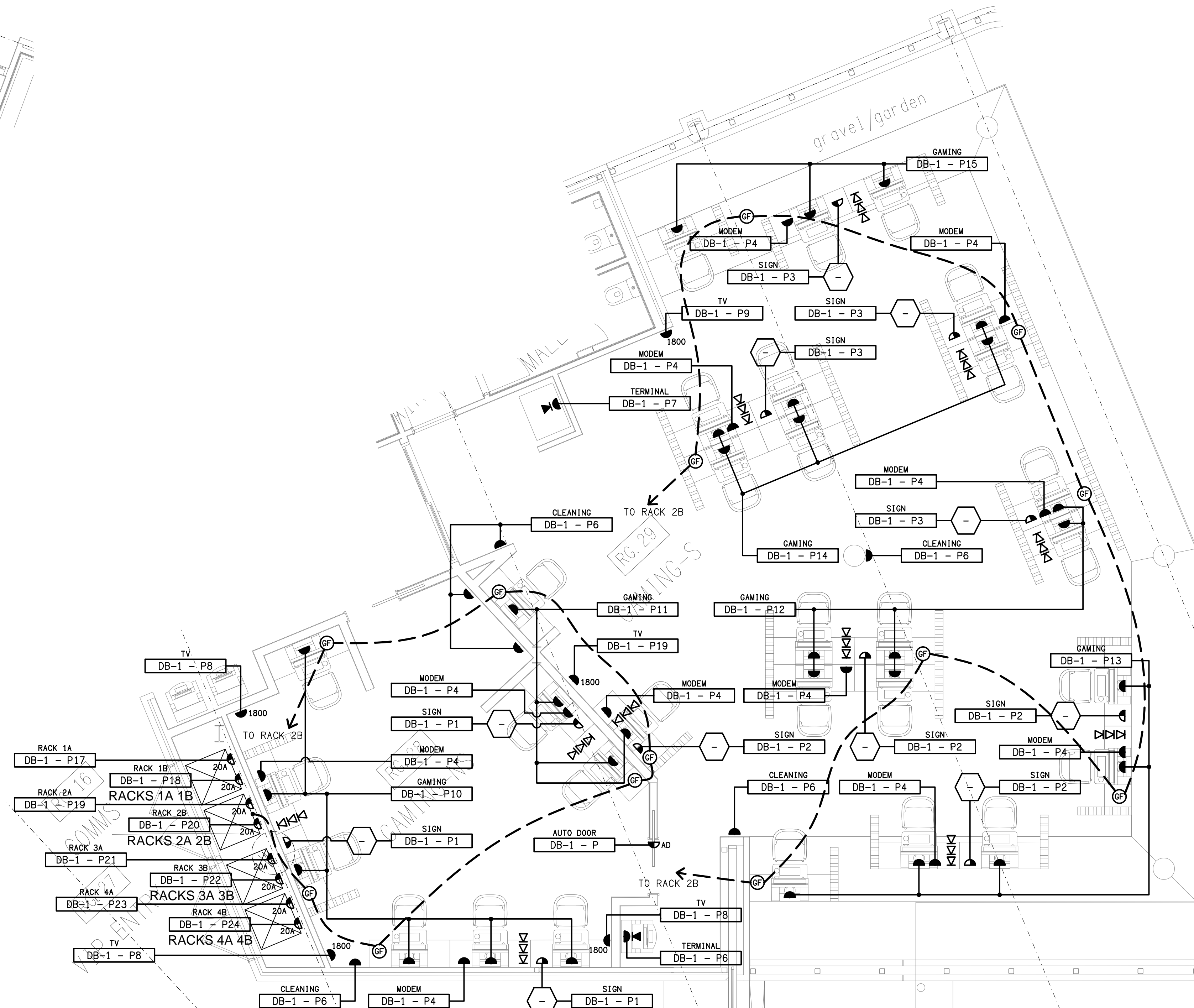
DETAIL C
MAIN BAR FLOOR PLAN
SCALE 1: 50



DETAIL A
OUTSIDE BAR FLOOR PLAN
SCALE 1: 50



DETAIL B
KITCHEN & OFFICE FLOOR PLAN
SCALE 1: 50



DETAIL D
GAMING ROOM FLOOR PLAN
SCALE 1: 50

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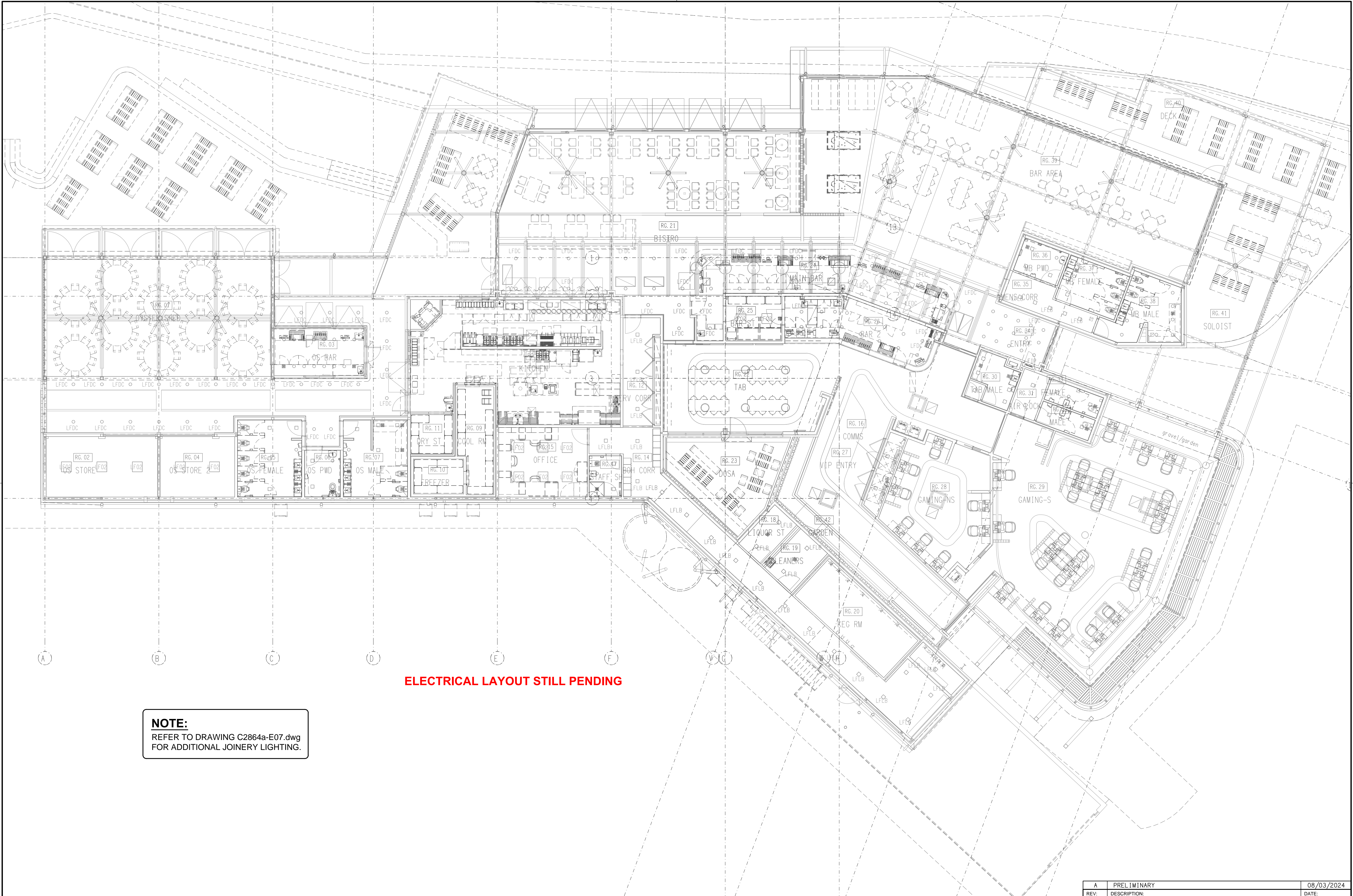
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**DRY DOCK ROAD HOTEL,
TWEED HEADS SOUTH**
CORNER DOCK ROAD & FRASER DRIVE, NEW SOUTH WALES

A	PRELIMINARY	08/03/2024
REV:	DESCRIPTION:	DATE:

DRAWING:
**ELECTRICAL SERVICES
HOTEL FLOOR PLAN DETAILS**

SCALE: 1:50	AT A1	PROJECT NO: C2864a	DRAWING NO: E05	REVISION: A
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ELECTRICAL LAYOUT STILL PENDING

NOTE:
REFER TO DRAWING C2864a-E07.dwg
FOR ADDITIONAL JOINERY LIGHTING.

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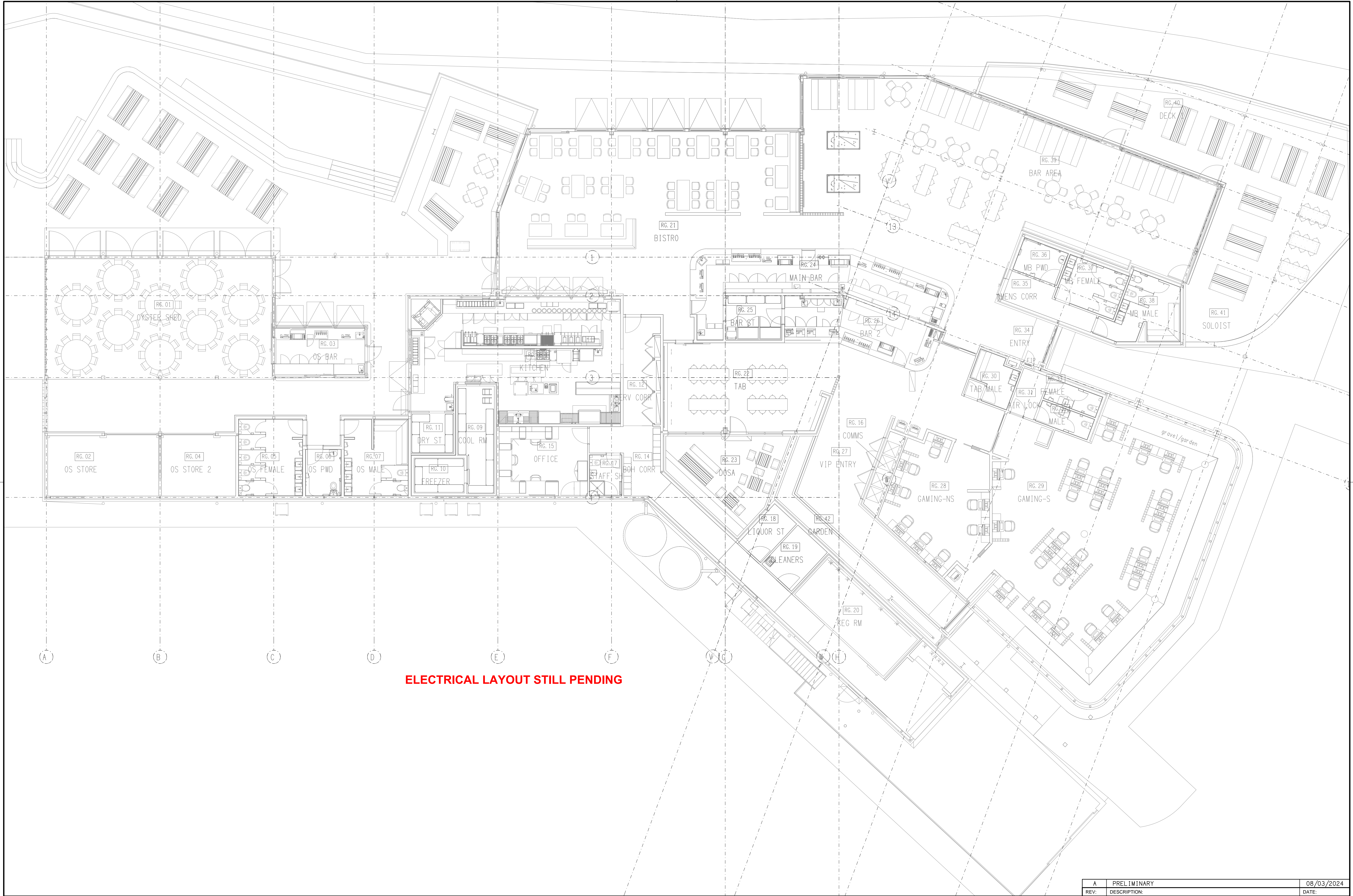
PROJECT:
**DRY DOCK ROAD HOTEL,
TWEED HEADS SOUTH**

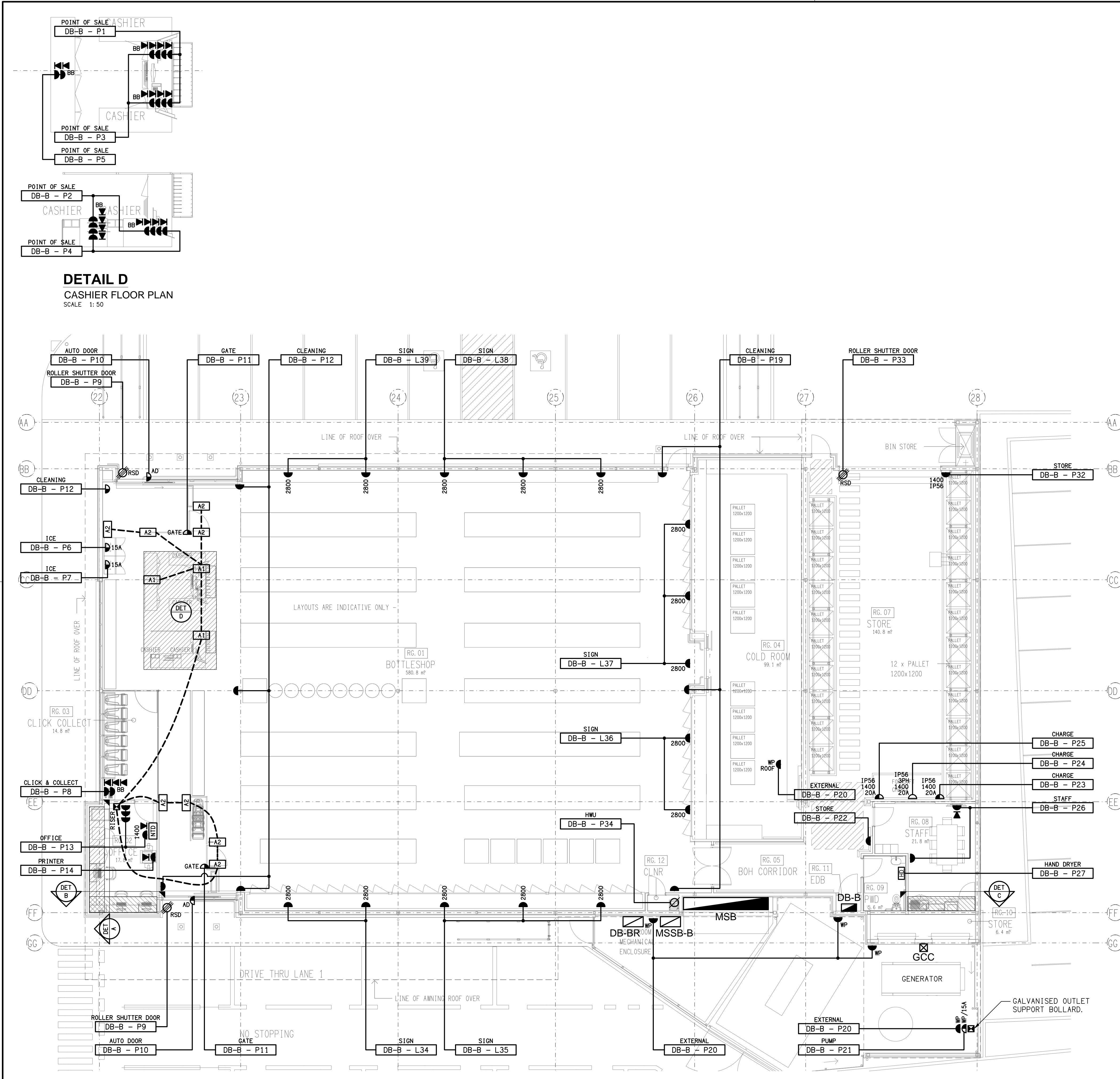
CORNER DOCK ROAD & FRASER DRIVE, NEW SOUTH WALES

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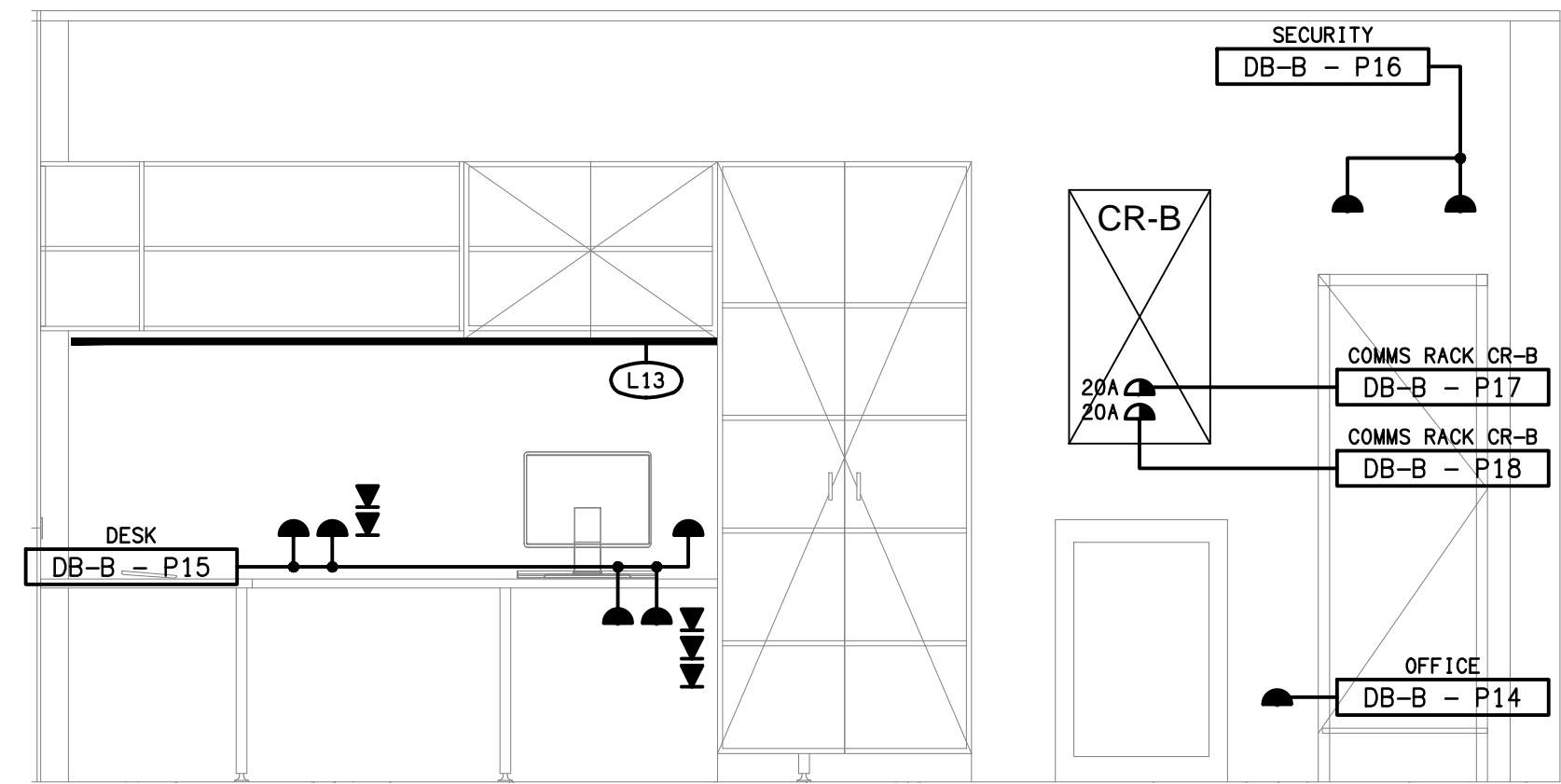
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**ELECTRICAL SERVICES
HOTEL REFLECTED CEILING PLAN**

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PROJECT NO:
C2864a
DRAWING NO:
E06
REVISION:
A

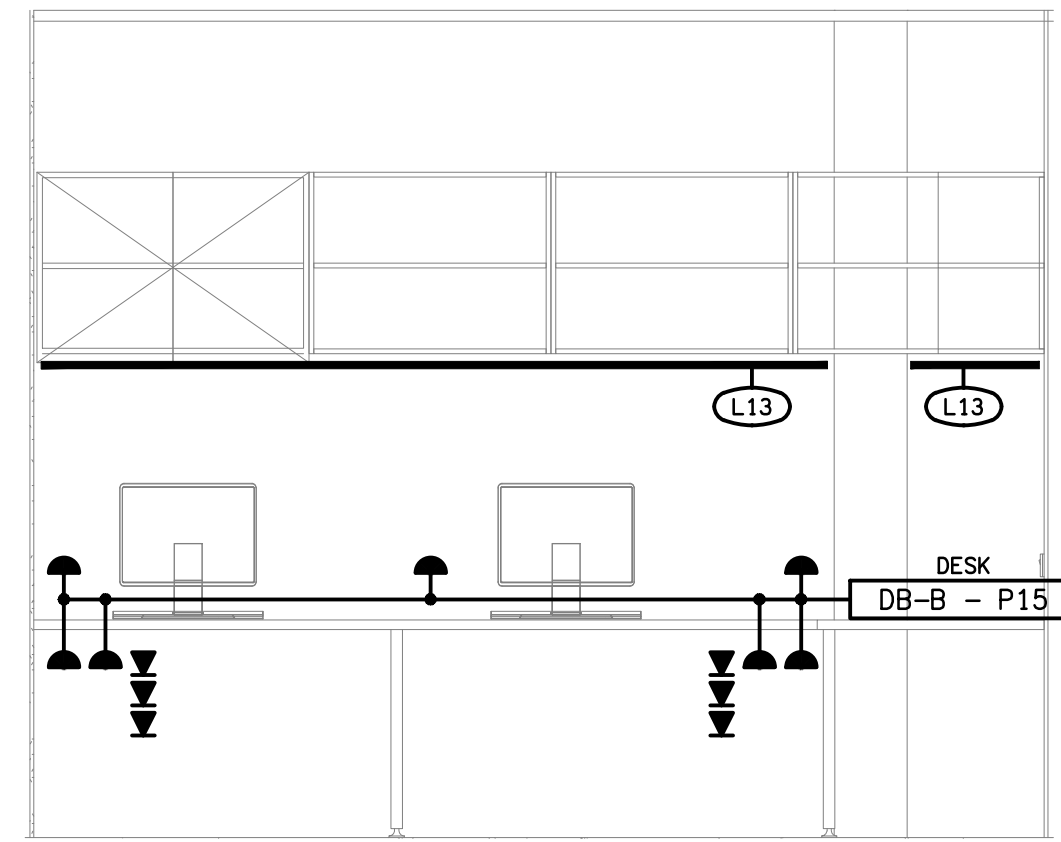




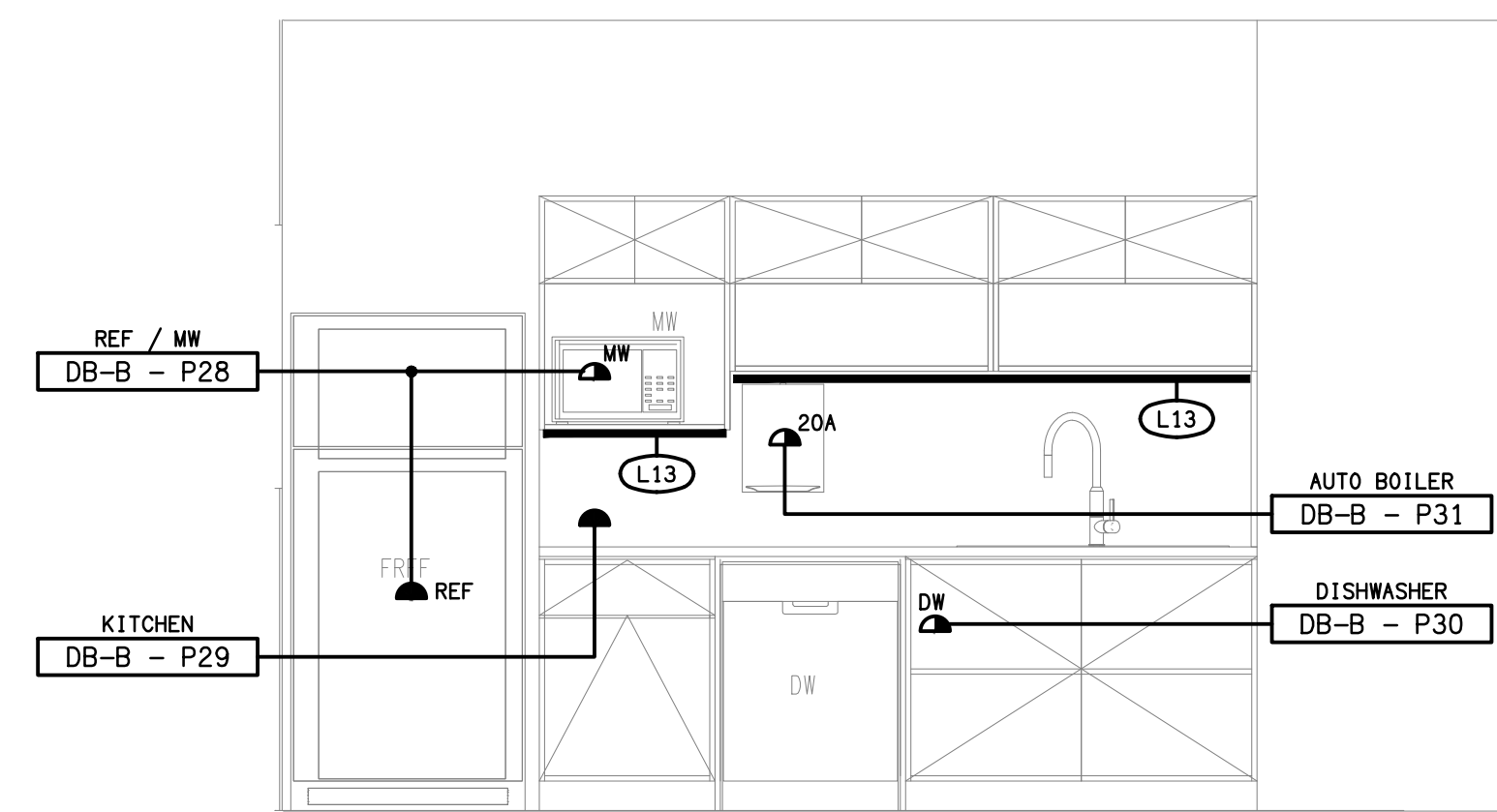
DETAIL D
CASHIER FLOOR PLAN
SCALE 1: 50



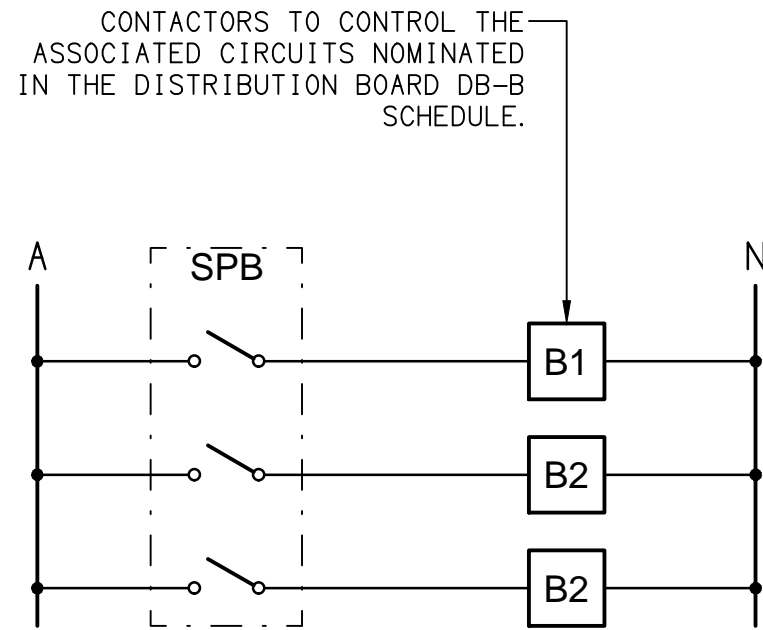
DETAIL A
OFFICE WALL 1 ELEVATION
SCALE 1: 25



DETAIL B
OFFICE WALL 2 ELEVATION
SCALE 1: 25

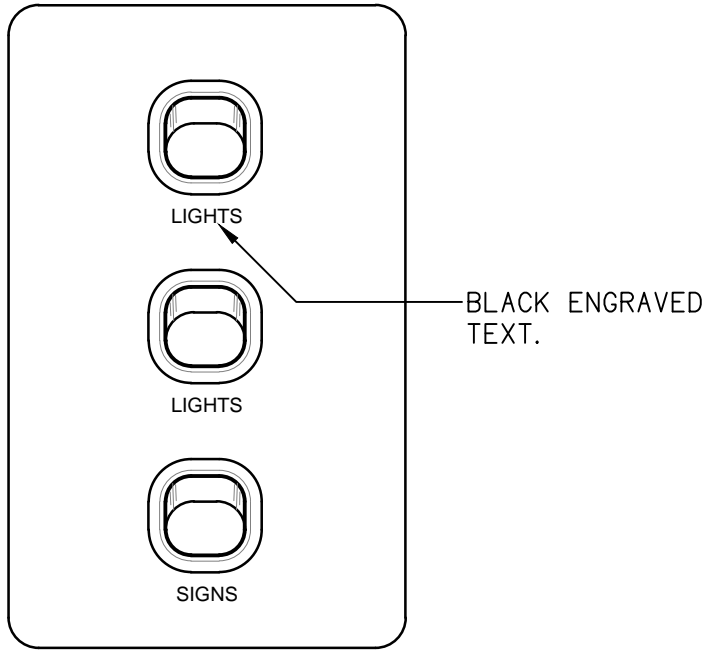


DETAIL C
STAFF KITCHENETTE ELEVATION
SCALE 1: 25



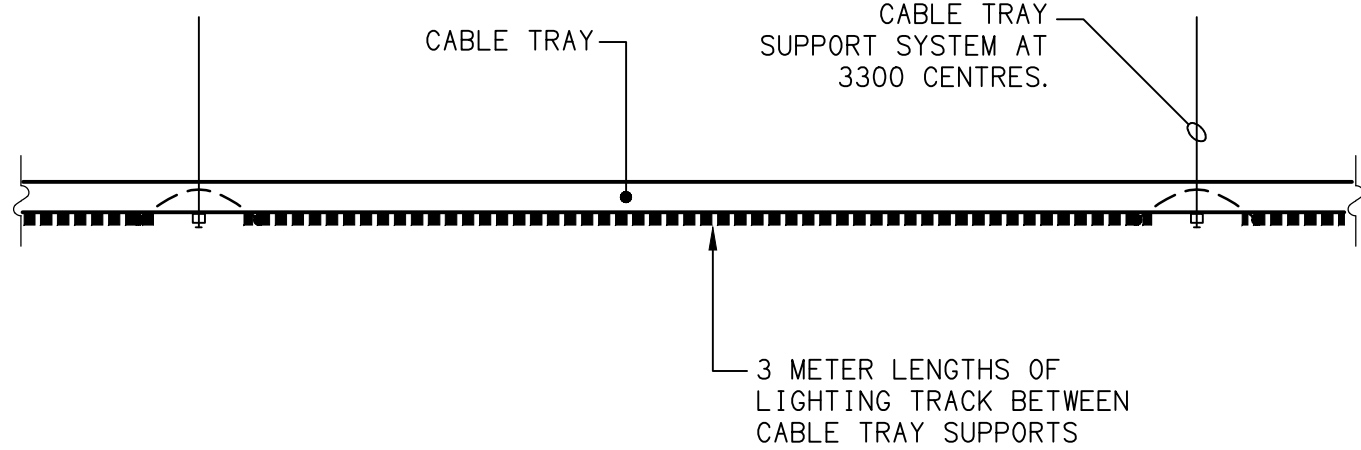
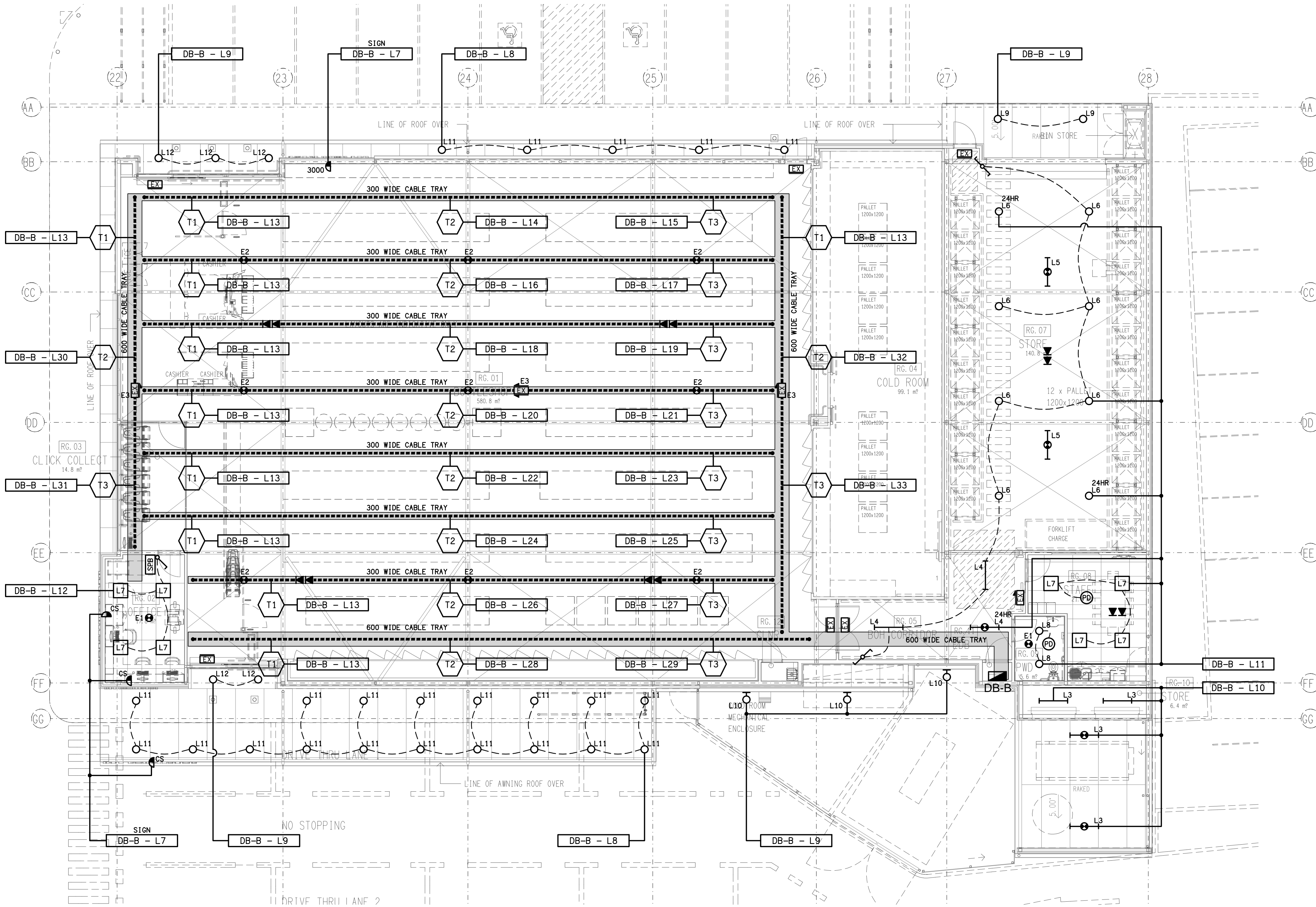
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SWITCHPANEL SPB CONFIGURATION
NOT TO SCALE



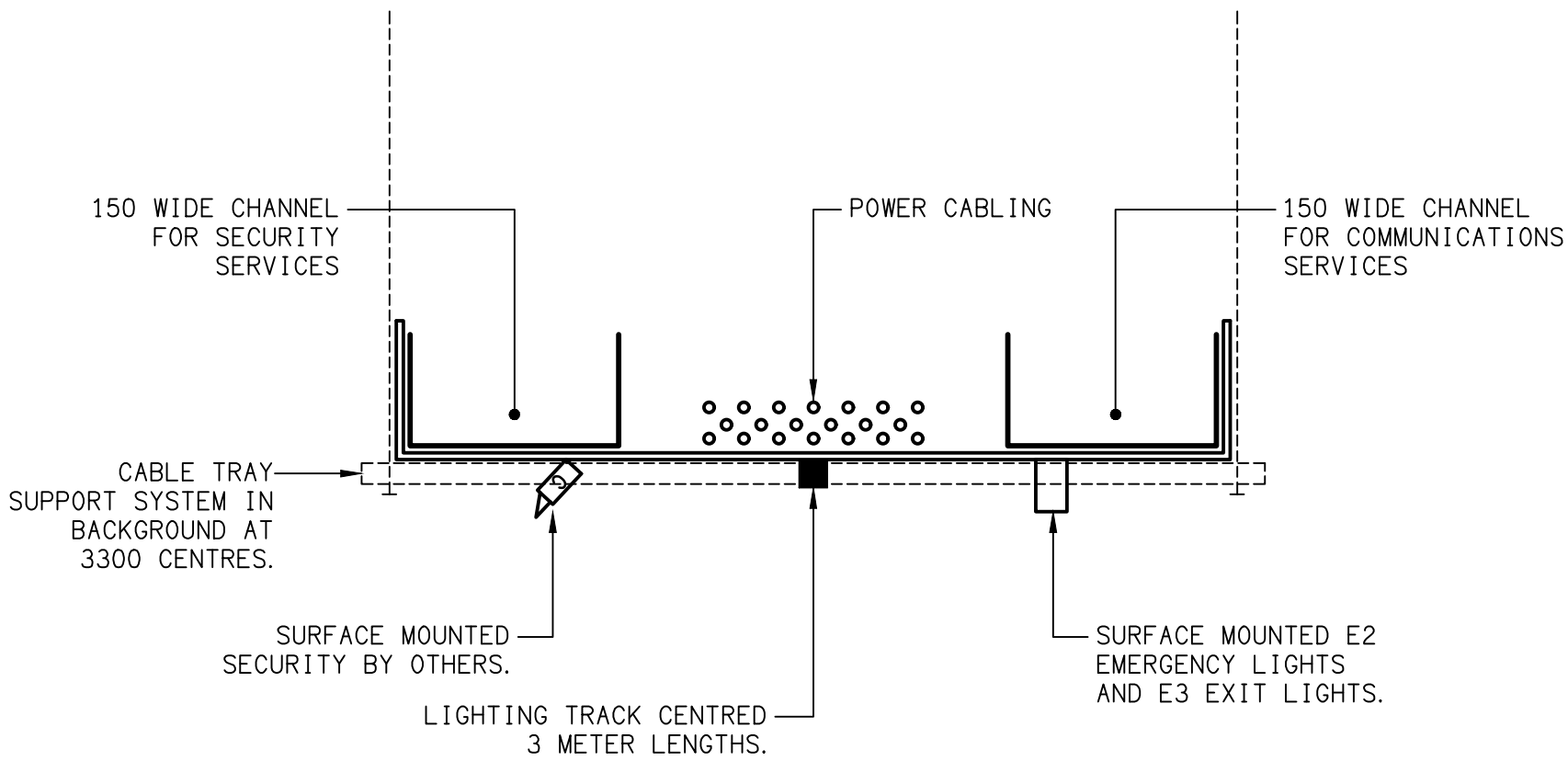
DETAIL

SWITCHPANEL SPB ELEVATION
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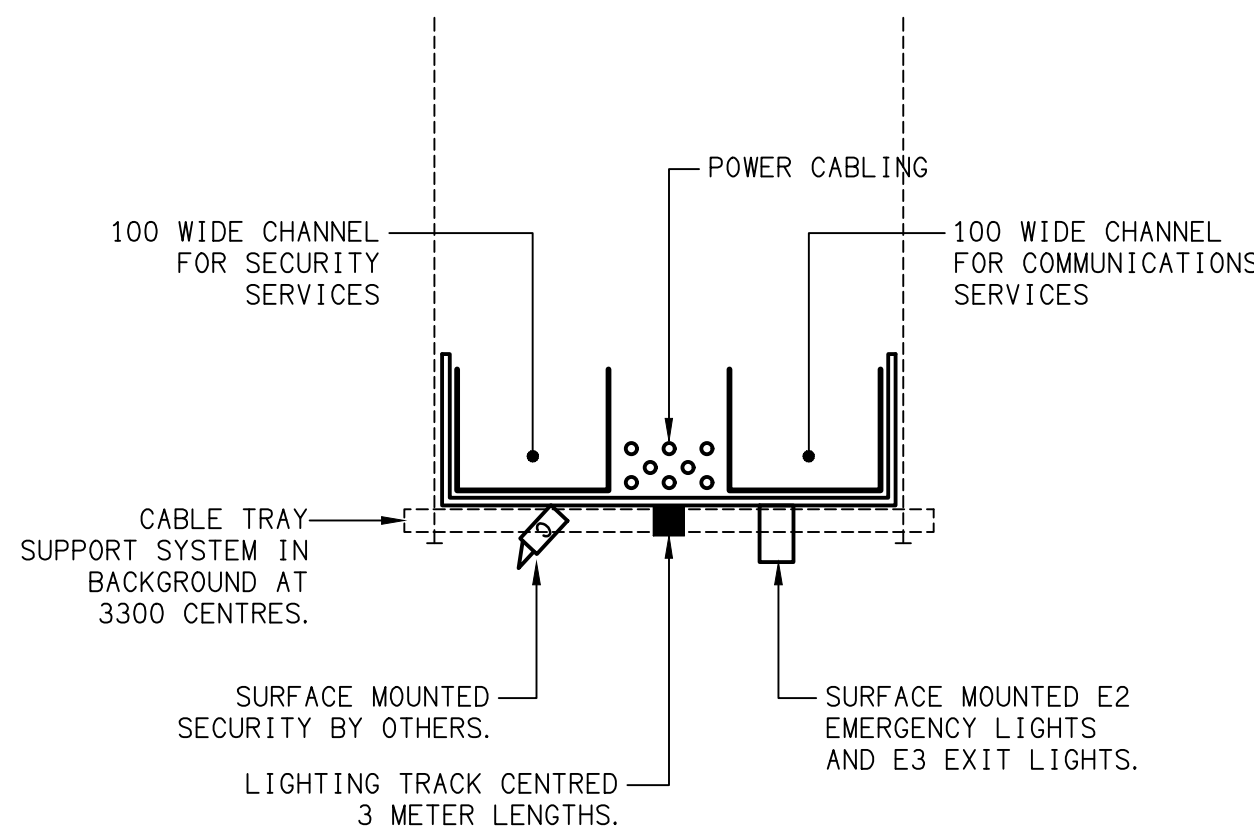
DETAIL A

GENERIC CABLE TRAY LINEAR ELEVATION
SCALE 1:25



DETAIL B

600 WIDE CABLE TRAY SECTION
NOT TO SCALE



DETAIL C

300 WIDE CABLE TRAY SECTION
NOT TO SCALE

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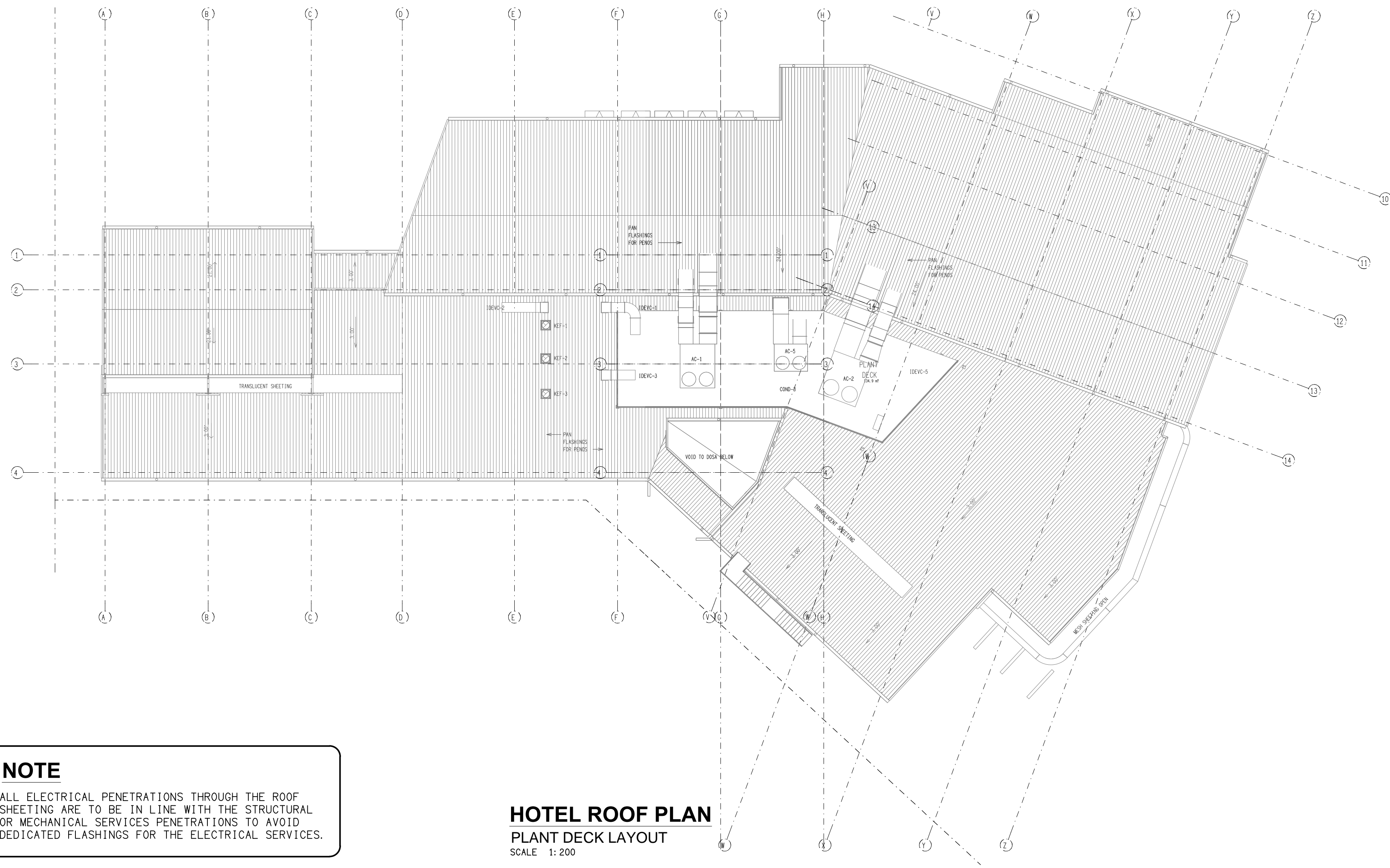
PROJECT:
**DRY DOCK ROAD HOTEL,
TWEED HEADS SOUTH**

CORNER DOCK ROAD & FRASER DRIVE, NEW SOUTH WALES

A	PRELIMINARY	08/03/2024
REV:	DESCRIPTION:	DATE:

DRAWING:
**ELECTRICAL SERVICES
BOTTLE SHOP REFLECTED CEILING PLAN**

SCALE: 1:100	AT A1	PROJECT NO: C2864a	DRAWING NO: E09	REVISION: A
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NOTE

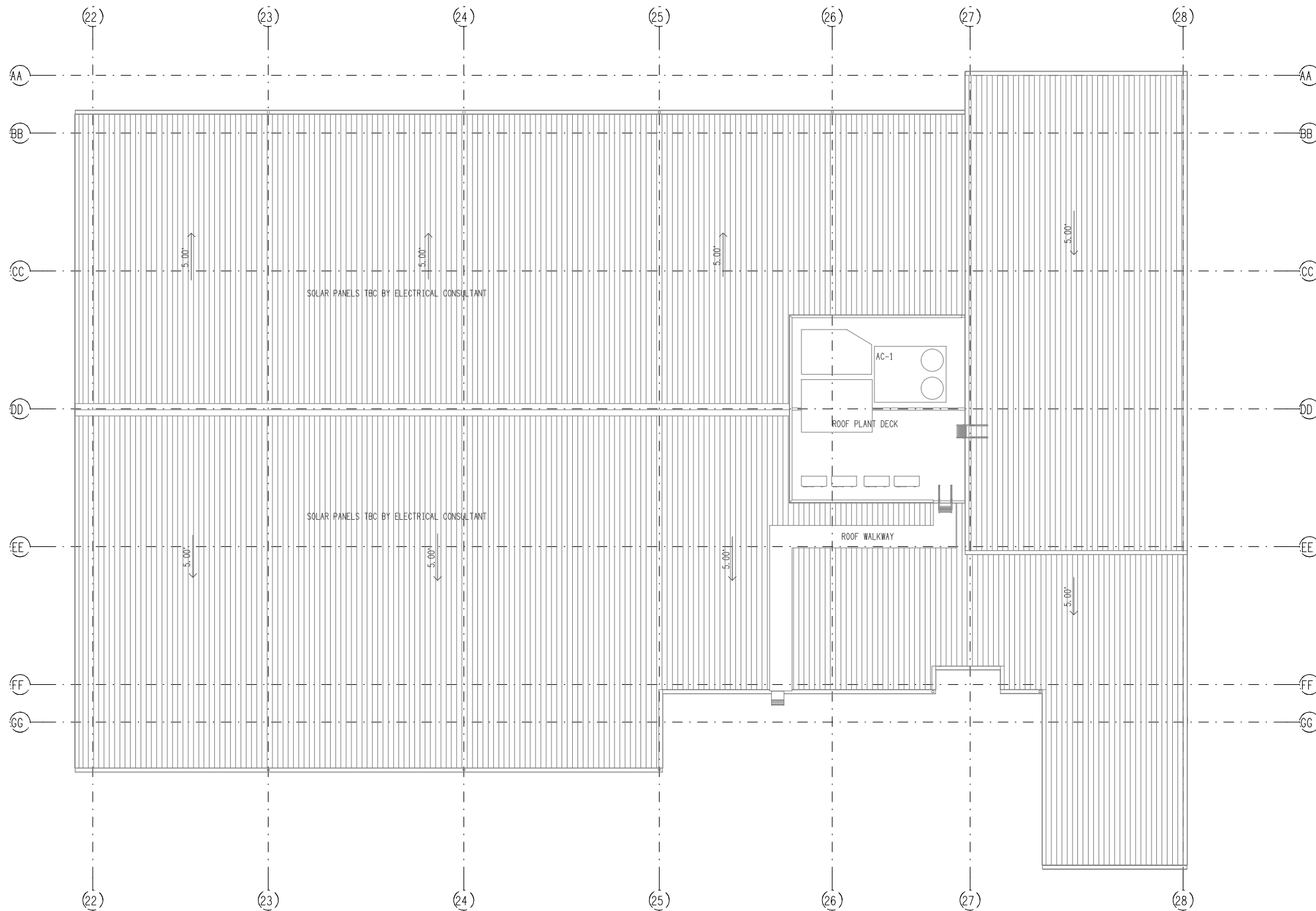
ALL ELECTRICAL PENETRATIONS THROUGH THE ROOF SHEETING ARE TO BE IN LINE WITH THE STRUCTURAL OR MECHANICAL SERVICES PENETRATIONS TO AVOID DEDICATED FLASHINGS FOR THE ELECTRICAL SERVICES.

HOTEL ROOF PLAN

PLANT DECK LAYOUT

SCALE 1:200

ELECTRICAL LAYOUT STILL PENDING



BOTTLE SHOP ROOF PLAN

PLANT DECK LAYOUT

SCALE 1:200

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**DRY DOCK ROAD HOTEL,
TWEED HEADS SOUTH**

CORNER DOCK ROAD & FRASER DRIVE, NEW SOUTH WALES

A	PRELIMINARY	08/03/2024
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**ELECTRICAL SERVICES
ROOF PLANS**

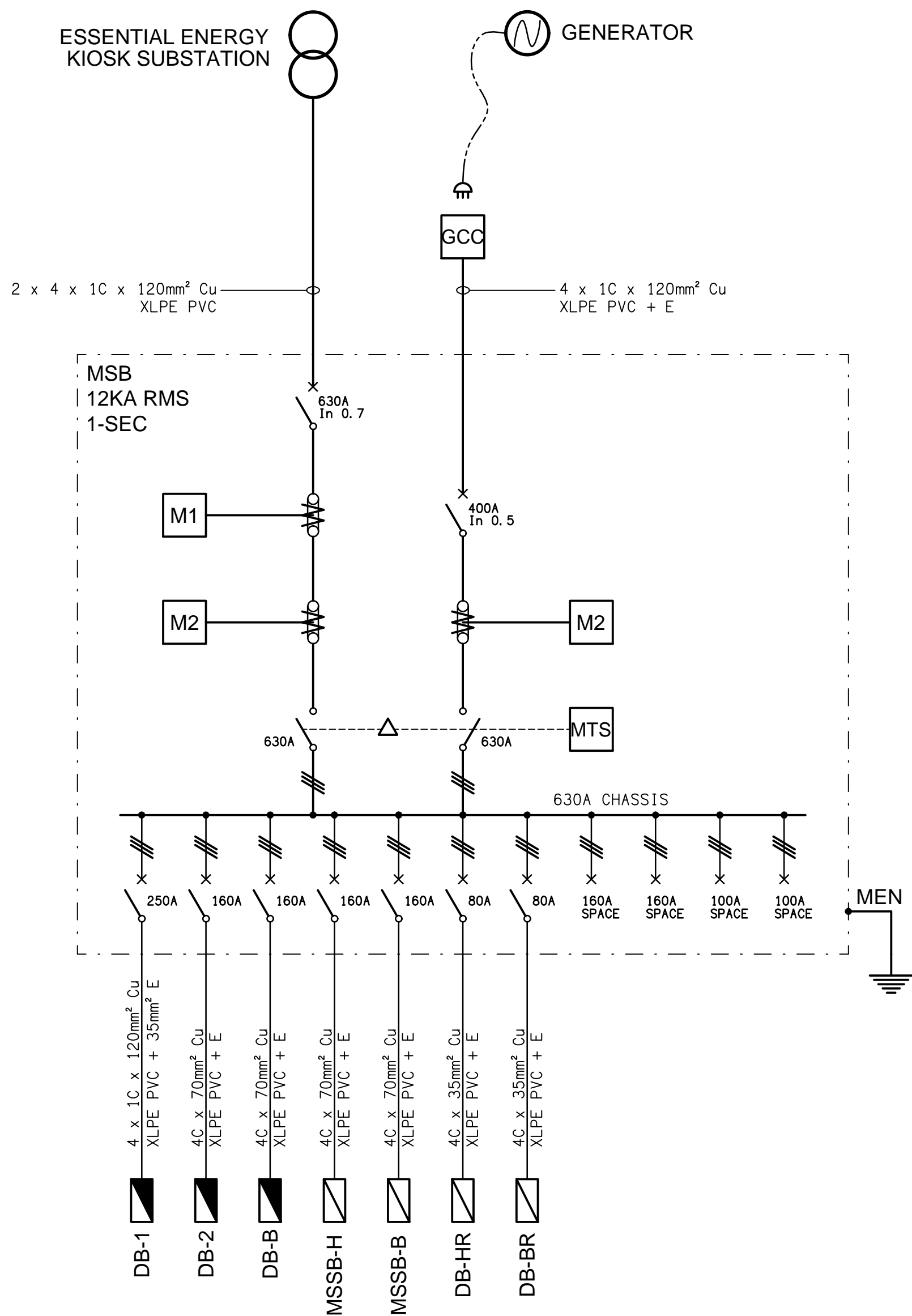
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AT A1

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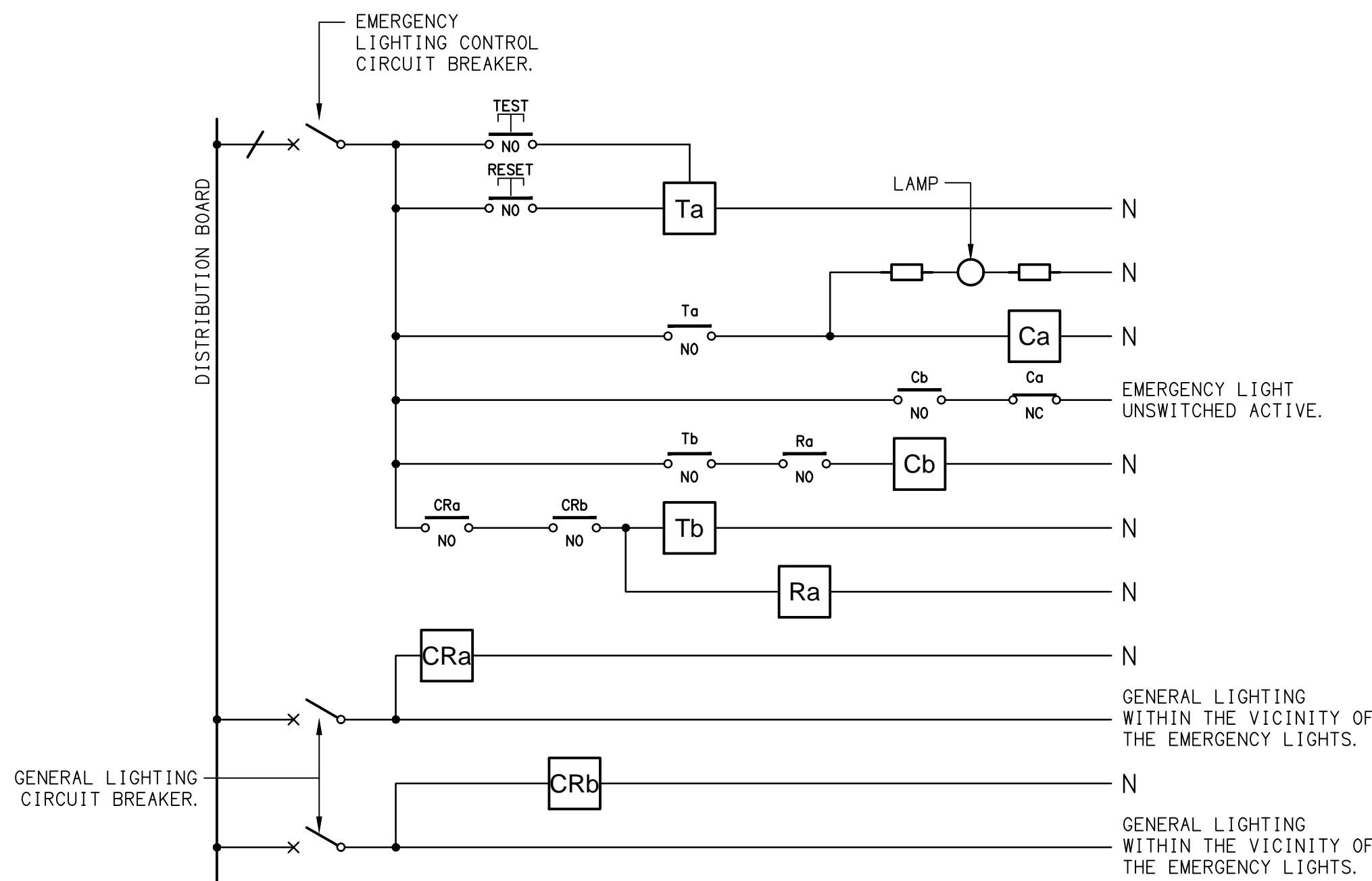
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E10

REVISION:
A



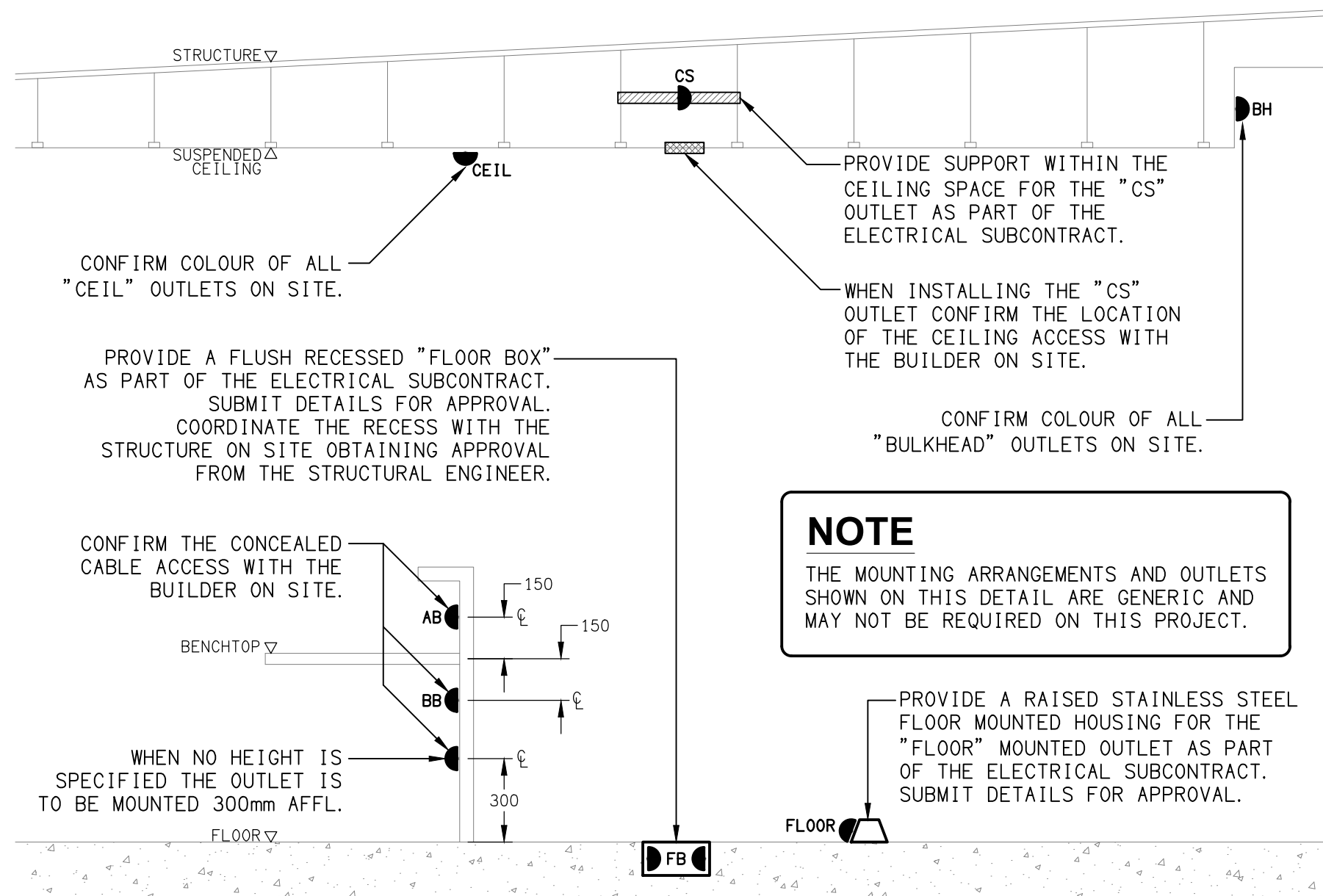
SCHEMATIC
POWER CONFIGURATION
NOT TO SCALE

- 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.

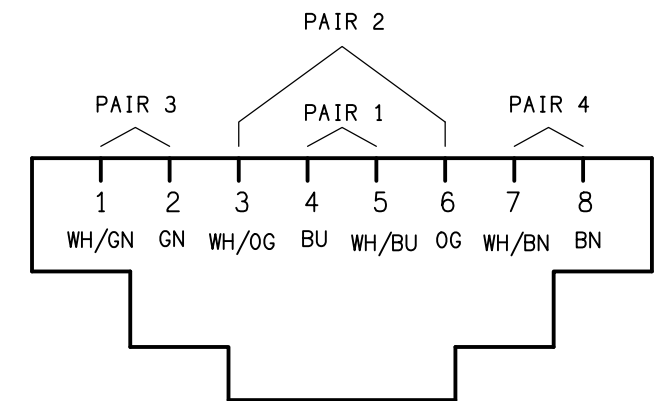


SCHEMATIC
EMERGENCY LIGHTING
NOT TO SCALE

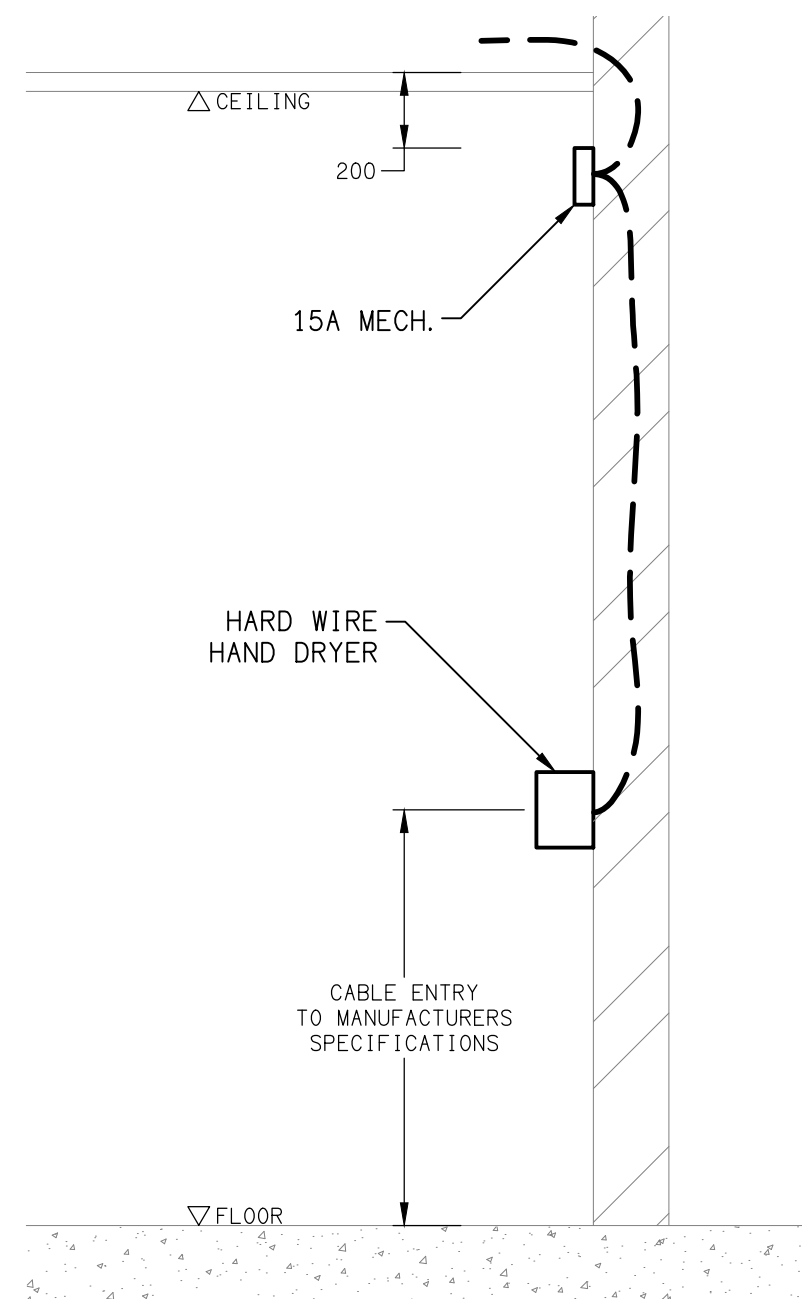
- NOTES**
1. THE EMERGENCY LIGHT UNSWITCHED ACTIVE / GENERAL LIGHTING SWITCHED ACTIVE CIRCUIT ARRANGEMENT AND CONTROL IS TYPICAL FOR ALL CIRCUITS SUPPLYING EMERGENCY LIGHTS.
2. PROVIDE ADDITIONAL CONTROL RELAYS (CRx) CONFIGURED AS PER CRa AND CRb FOR ALL ADDITIONAL LIGHTING CIRCUITS THAT SUPPLY LIGHTS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



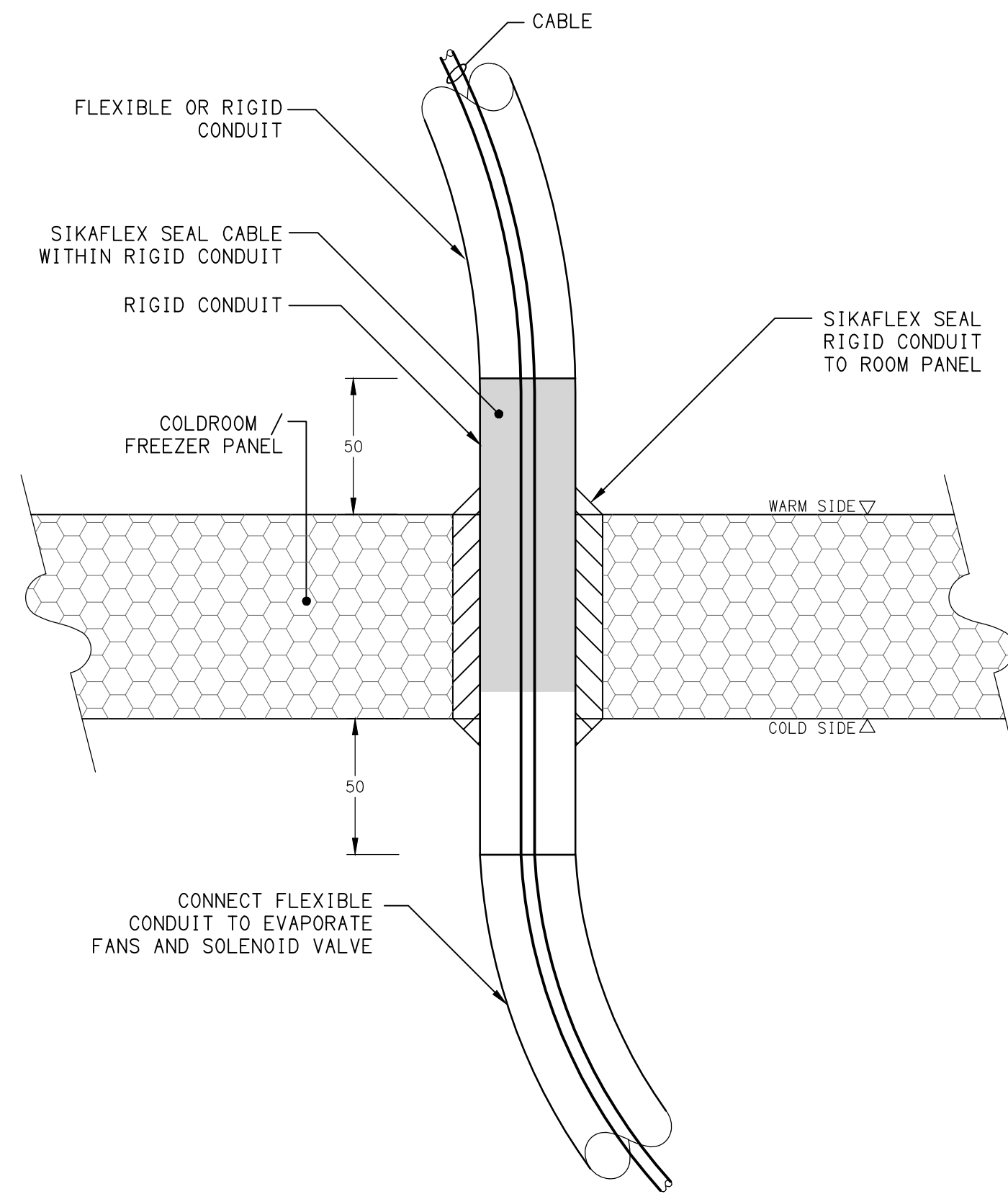
DETAIL
TYPICAL OUTLET MOUNTINGS
NOT TO SCALE



SCHEMATIC
RJ45 PINOUT CONFIGURATION
NOT TO SCALE



DETAIL
HAND DRYER CONNECTION
NOT TO SCALE



DETAIL
COOL ROOM CONDUIT PENETRATION
NOT TO SCALE