NOTES:

- 1. COORDINATE FINAL SWITCHBOARD SIZE (WIDTH x DEPTH x HEIGHT) WITH AVAILABLE CLEARANCES PRIOR TO ORDERING.
- 2. ALL SWITCHBOARD SHALL HAVE SURGE PROTECTION.
- 3. BYPASS SWITCHES (ON, OFF, AUTO LIGHTING CONTROL) SHALL BE DIN MOUNTED WITHIN SWITCHBOARD. REFER TO LIGHTING CONTROL SCHEMATIC.
- 4. COORDINATE ONSITE ALL THE MECHANICAL POWER REQUIREMENTS & EQUIPMENT LOCATIONS WITH THE MECHANICAL CONTRACTOR.
- 5. COORDINATE ONSITE ALL THE HYDRAULIC POWER REQUIREMENTS & EQUIPMENT LOCATIONS WITH THE HYDRAULIC CONTRACTOR.
- 6. RCDs SHALL BE PROVIDED IN ACCORDANCE WITH AS/NZS 3000. ALL HARDWIRED OR SOCKET OUTLETS RATED LESS THAN OR EQUAL TO 32A (SINGLE OR THREE PHASE) SHALL BE RCD PROTECTED. ENSURE ALL ALLOWANCES ARE MADE WITH SWITCHBOARD.
- 7. CONTRACTOR SHALL BE RESPONSIBLE FOR BALANCING ALL LOADS WITH 5% BETWEEN PHASES.
- 8. RE-TERMINATE EXISTING SUB-CIRCUITS WHICH ARE TO REMAIN ONTO DISTRIBUTION BOARD.
- 9. ENSURE ALL EXISTING CABLING FOR REUSE ARE TESTED (INSULATION RESISTANCE / MEGGER) PRIOR TO ENERGISATION. WHERE CABLES FAIL TEST, PROVIDE AND INSTALL NEW.

DISTRIBUTION E	DISTRIBUTION BOARD (DB-SB)		
MANUFACTURER	ABB OR APPROVED EQUAL		
LOCATION	REFER TO LAYOUT		
CONSTRUCTION	AS/NZS 61439, AS/NZS 3000		
CABLE ENTRY / EXIT	TO BE DETERMINED BY CONTRACTOR		
MATERIAL	MINIMUM 1.6mm SHEET STEEL		
DOOR	LOCKABLE WITH CARD HOLDER		
MOUNTING	WALL MOUNTED		
RATING	TO BE DETERMINED BY CONTRACTOR		
BUSBAR RATING	TO BE DETERMINED BY CONTRACTOR		
FAULT RATING	TO BE DETERMINED BY CONTRACTOR		
FORM OF SEPARATION	FORM 2 AS REQUIRED		
PROTECTION RATING	IP56 TO AS1939		
SPARE	25% CAPACITY AT COMPLETION		
FINISH	POWDER COATED		
COLOUR	INTERNAL: WHITE EXTERNAL: GREY		

PROVIDE NAMEPLATE DETAILS WITH:

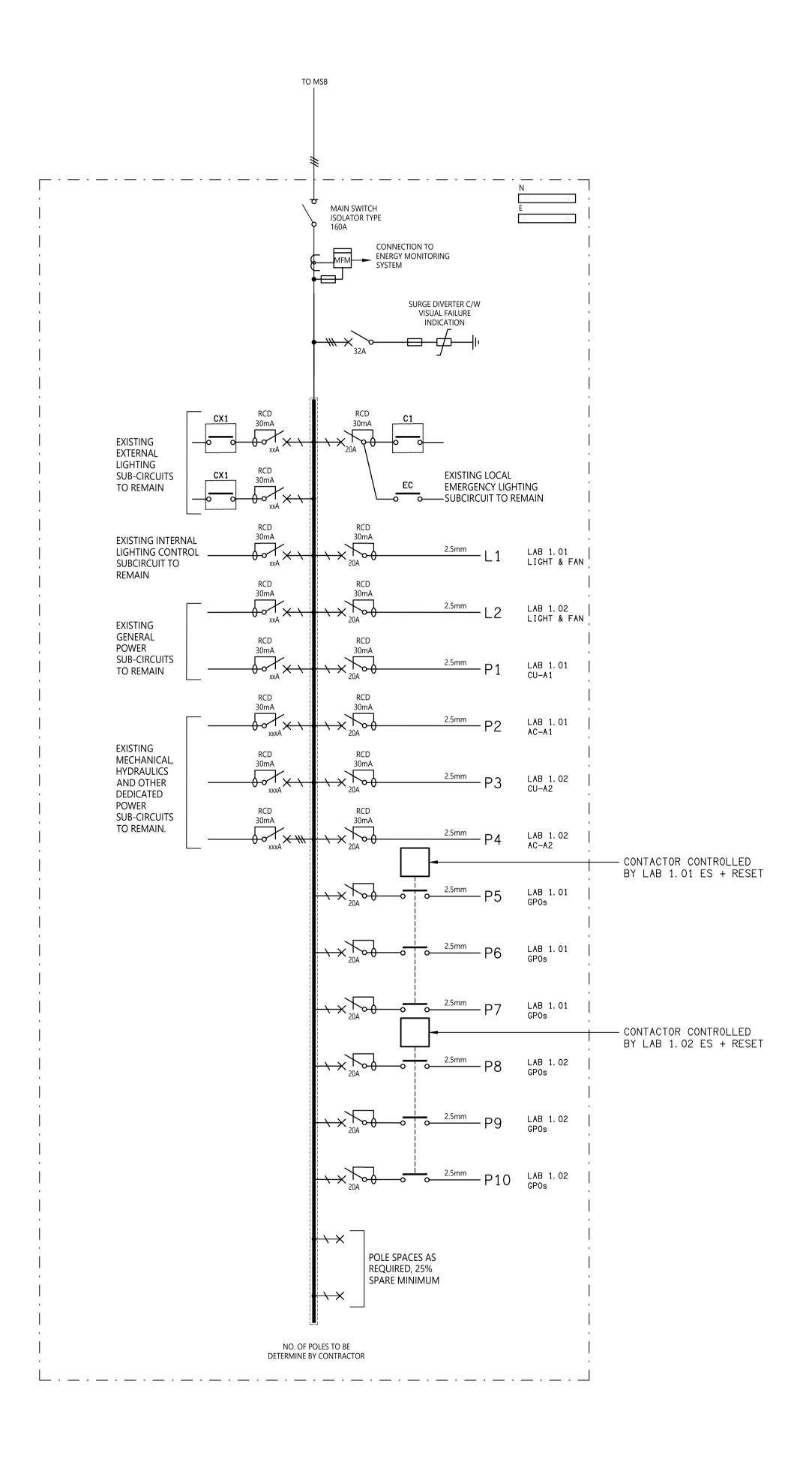
- SWITCHBOARD TAG:
- MANUFACTURER NAME: MANUFACTURER ADDRESS / CONTACT:
- PROJECT REFERENCE NUMBER:
- MANUFACTURER DATE:
- CURRENT RATING: • FAULT RATING:
- FED FROM:
- CONSUMER / SUBMAIN SIZE: (I.E. 4 x 1C + E, 50mm² + 16mm², CU,
- X-90) • CONSUMER / SUBMAIN RUN LENGTH (METRES):

ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793 TRADING AS: ELECTRICAL DESIGN GROUP

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125 JOHN PAUL DRIVE, DAISY HILL, QUEENSLAND

	А	14/11/2024						
	REV:	DESCRIPTION:				DATE:		
DRAWING:								
	ELECTRICAL SERVICES							
	DISTRIBUTION BOARD DB-SB SCHEMATIC							
				PROJECT NO:	DRAWING NO:	REVISION:		
	SCALE:	TO SCALE AT	1	C3406a	F06	Δ		
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