



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3593a - BREAKFAST CREEK HOTEL - GAMING ROOM

C3593a-0006(B).xls

DISTRIBUTION BOARD DB-T

REVISION B - 02 AUGUST 2025

| FAULT CURRENT: 6KA | | | | | | | REV |
|--|----|---------------------------|----------------------|-----------------------------------|----------|----------------|-----|
| MAIN SWITCH: 250 NON AUTO LOAD BREAK | | | | | | | A |
| CHASSIS SIZE: 60 POLE | | | | | | | A |
| SUPPLIED FROM: DB-A | | | | | | | A |
| CHASSIS RATING: 250A | | | | | | | A |
| SUPPLY CABLE: 4C+E 16 | | | | | | | A |
| PHASES: 3 | | | | | | | A |
| REFER TO THE EQUIPMENT SCHEDULE AND NOTES FOR ADDITIONAL REQUIREMENTS. PROVIDE THE DB WITH TWO FULL WIDTH EMPTY DIN RAILS TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS INCLUDING THE DYNALITE EQUIPMENT PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. RECONNECT ALL OF THE EXISTING DB-T CIRCUITS WITH NEW SWITCHGEAR AND CONTROLS THAT HAS THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL. ENSURE THE SCHEDULE INCLUDES THE CIRCUIT USE AND LOCATION. | | | | | | | A |
| CIRC | PH | CIRCUIT BREAKER (amps) | CONTROL EQUIPMENT | CABLE SIZE (mm ²) | LOCATION | CIRCUIT USE | |
| P1 | 1 | 20 | RCBO | 2.5 | GAMING | GAMING MACHINE | A |
| P2 | 1 | 20 | RCBO | 2.5 | GAMING | GAMING MACHINE | A |
| P3 | 1 | 20 | RCBO | 2.5 | GAMING | GAMING MACHINE | A |
| P4 | 1 | 20 | RCBO | 2.5 | GAMING | MODEM | A |
| P5 | 1 | 20 | RCBO | 2.5 | GAMING | CRT | A |
| P6 | 1 | 20 | RCBO | 2.5 | GAMING | USB CHARGERS | B |
| P7 | 1 | 20 | RCBO | 2.5 | GAMING | CLEANING | B |
| P8 | | | | | | | A |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| L1 | 1 | 20 | RCBO | 2.5 | GAMING | LIGHTING | A |
| L2 | 1 | 20 | RCBO | 2.5 | GAMING | LIGHTING | A |
| | | | | | | | |
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