**ELECTRICAL DESIGN GROUP**
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**C3674a - BREAKFAST CREEK HOTEL - STAGE 2** **C3674a-0007(A).xls**

**DISTRIBUTION BOARD DB-S**

**REVISION A - 23 FEBRUARY 2026**

| | | | | REV |
|---|---|---|---|---|
| FAULT CURRENT: | 6KA | MAIN SWITCH: | 250 NON AUTO LOAD BREAK | A |
| CHASSIS SIZE: | 72 POLE | SOURCE: | MSB | A |
| CHASSIS RATING: | 250A | SUPPLY CABLE: | 4C+E 70 | A |
| PHASES: | 3 | | | A |

REFER TO THE EQUIPMENT SCHEDULE AND NOTES FOR ADDITIONAL REQUIREMENTS. PROVIDE THE DB WITH TWO 600 WIDE 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. ENSURE THE SCHEDULE INCLUDES THE CIRCUIT USE AND LOCATION. REMOVE THE EXISTING DB-S AND RECONNECT ALL OF THE EXISTING CIRCUITS THAT REMAIN WITH NEW AS3000 COMPLIANT SWITCHGEAR AND CONTROLS THAT HAVE THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL. — A

| CIRC | PH | CIRCUIT BREAKER (amps) | CONTROL EQUIPMENT | CABLE SIZE ( $mm^2$ ) | LOCATION | CIRCUIT USE | |
|---|---|---|---|---|---|---|---|
| P1 | 3 | 32 | RCBO | 10.0 | CREEKSIDE | CREEKSIDE | A |
| P2 | 3 | 32 | RCBO | 10.0 | CREEKSIDE | CREEKSIDE | A |
| P3 | 3 | 32 | RCBO | 10.0 | CREEKSIDE | CREEKSIDE | A |
| P4 | 3 | 32 | RCBO | 10.0 | CREEKSIDE | CREEKSIDE | A |
| P5 | 1 | 20 | RCBO | 2.5 | LANEWAY | TV | A |
| P6 | 1 | 20 | RCBO | 2.5 | LANEWAY | TV | A |
| P7 | 1 | 20 | RCBO | 2.5 | OUTDOOR DINING | TV | A |
| P8 | 1 | 20 | RCBO | 2.5 | SUBSTATION | TV | A |
| P9 | 1 | 20 | RCBO | 2.5 | SUBSTATION | GPOs | A |
| P10 | 1 | 20 | RCBO | 2.5 | SUBSTATION | GPOs | A |
| P11 | 1 | 20 | RCBO | 2.5 | SUBSTATION BAR | GPOs | A |
| P12 | 1 | 20 | RCBO | 2.5 | SUBSTATION BAR | REF | A |
| P13 | 1 | 20 | RCBO | 2.5 | SUBSTATION BAR | POS | A |
| P14 | 1 | 20 | RCBO | 2.5 | SUBSTATION BAR | WATER | A |
| P15 | 1 | 20 | RCBO | 2.5 | SUBSTATION BAR | WATER | A |
| P16 | 3 | 20 | RCBO | 2.5 | SUBSTATION BAR | HWS | A |
| P17 | 1 | 20 | RCBO | 2.5 | SUBSTATION BAR | GLASS WASHER | A |
| P18 | 1 | 20 | RCBO | 2.5 | SUBSTATION BAR | GLASS WASHER | A |
| P19 | 1 | 20 | RCBO | 2.5 | SUBSTATION BAR | BAR GPO | A |
| P20 | 1 | 20 | RCBO | 2.5 | SUBSTATION BAR | GLASS WASHER | A |
| P21 | 1 | 20 | RCBO | 2.5 | SUBSTATION BAR | GLASS WASHER | A |
| P22 | 1 | 20 | RCBO | 2.5 | MEZZANINE | GPOs | A |
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| | | | | | | | |
| L1 | 1 | 20 | RCBO | 2.5 | OUTDOOR DINING | LIGHTS | A |
| L2 | 1 | 20 | RCBO | 2.5 | OUTDOOR DINING | LIGHTING | A |
| L3 | 1 | 20 | RCBO | 2.5 | SUBSTATION | LIGHTING | A |
| L4 | 1 | 20 | RCBO | 2.5 | OUTDOOR DINING | LIGHTING | A |
| L5 | 1 | 20 | RCBO | 2.5 | SUBSTATION | LIGHTING | A |
| L6 | 1 | 20 | RCBO | 2.5 | SUBSTATION | LIGHTING | A |
| L7 | 1 | 20 | RCBO | 2.5 | MEZZANINE | LIGHTING | A |
| L8 | 1 | 20 | RCBO | 2.5 | MEZZANINE | LIGHTING | A |
| L9 | 1 | 20 | RCBO | 2.5 | MEZZANINE | LIGHTING | A |
| L10 | 1 | 20 | RCBO | 2.5 | LANEWAY | SIGN | A |
| L11 | 1 | 20 | RCBO | 2.5 | BISTRO | FANS | A |
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