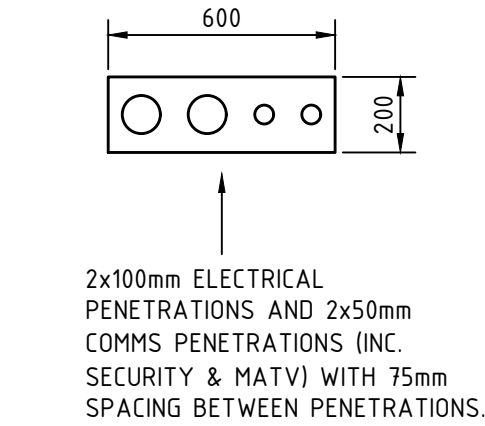


ELECTRICAL SERVICES - POWER - GROUND FLOOR PLAN  
SCALE: 1:100 @ A1

ELECTRICAL SERVICES - POWER - FIRST FLOOR PLAN  
SCALE: 1:100 @ A1



ELECTRICAL RISER DETAIL  
SCALE: 1:20 @ A1

When sheet printed full size, the scale bar is 100mm.  
0 10 20 30 40 50 100mm

|    |                              |        |        |          |
|----|------------------------------|--------|--------|----------|
| B  | BUILDING APPROVAL AMENDMENTS | MA     | GJC    | 27.11.18 |
| A  | BUILDING APPROVAL ISSUE      | MW/MDE | GJC    | 07.09.18 |
| No | REVISION                     | DRAWN  | CHE'KD | DATE     |

PROJECT  
PROPOSED RESIDENTIAL DEVELOPMENT  
AT: 419 REGENCY ROAD PROSPECT  
FOR: NIATRON 10 PTY LTD

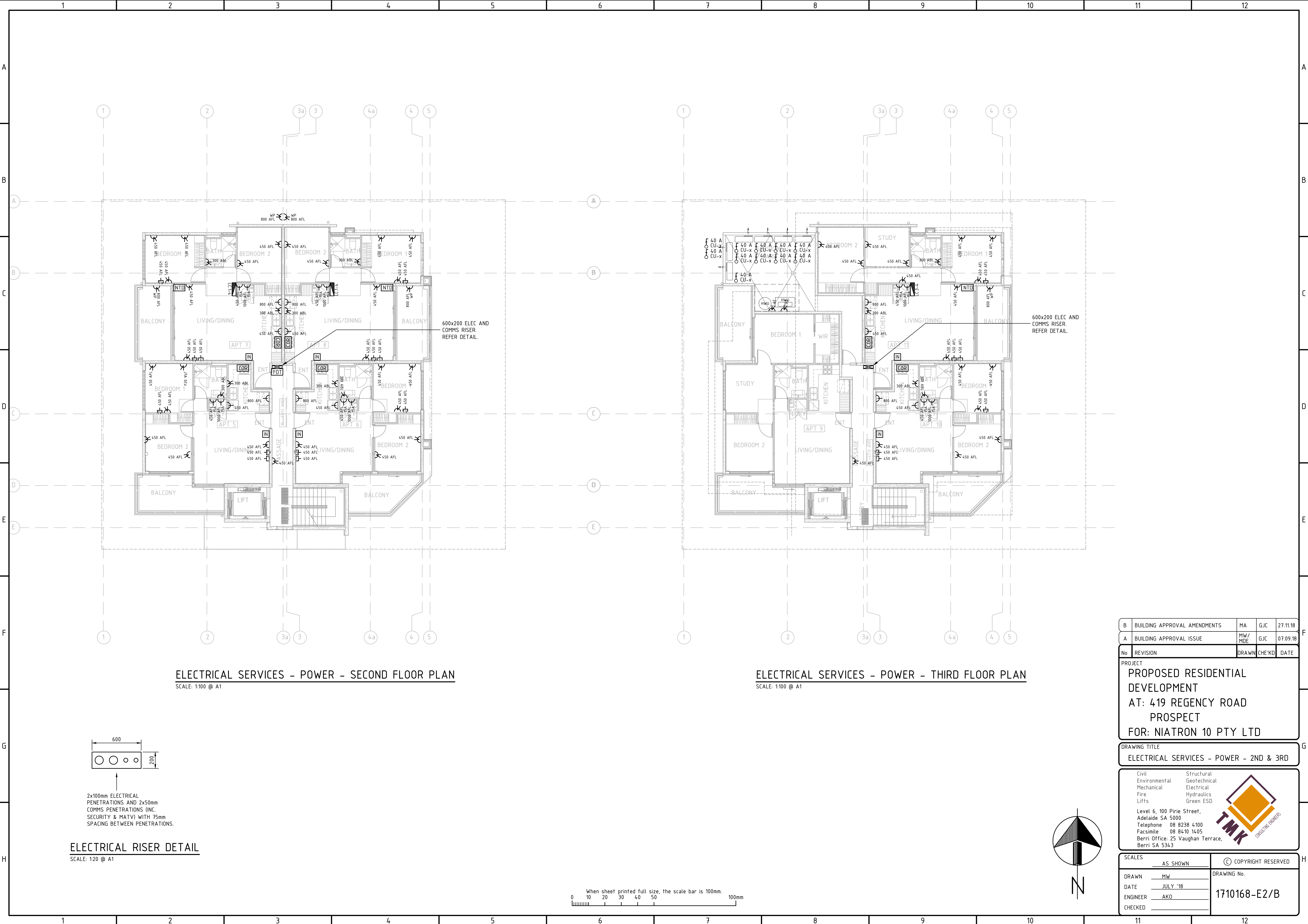
DRAWING TITLE  
ELECTRICAL SERVICES - POWER - GRND & 1ST

Civil  
Environmental  
Mechanical  
Fire  
Lifts

Structural  
Geotechnical  
Electrical  
Hydraulics  
Green ESD

Level 6, 100 Pirie Street,  
Adelaide SA 5000  
Telephone 08 8238 4100  
Facsimile 08 8410 1405  
Berri Office: 25 Vaughan Terrace,  
Berri SA 5343

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| ENGINEER | AKO      |                      |
| CHECKED  |          |                      |



ELECTRICAL SERVICES - POWER - SECOND FLOOR PLAN  
SCALE: 1:100 @ A1

ELECTRICAL SERVICES - POWER - THIRD FLOOR PLAN  
SCALE: 1:100 @ A1


|    |                              |            |        |          |
|----|------------------------------|------------|--------|----------|
| B  | BUILDING APPROVAL AMENDMENTS | MA         | GJC    | 27.11.18 |
| A  | BUILDING APPROVAL ISSUE      | MW/<br>MDE | GJC    | 07.09.18 |
| No | REVISION                     | DRAWN      | CHE'KD | DATE     |

PROJECT  
PROPOSED RESIDENTIAL  
DEVELOPMENT  
AT: 419 REGENCY ROAD  
PROSPECT  
FOR: NIATRON 10 PTY LTD

DRAWING TITLE  
ELECTRICAL SERVICES - POWER - 2ND & 3RD

Civil  
Environmental  
Mechanical  
Fire  
Lifts

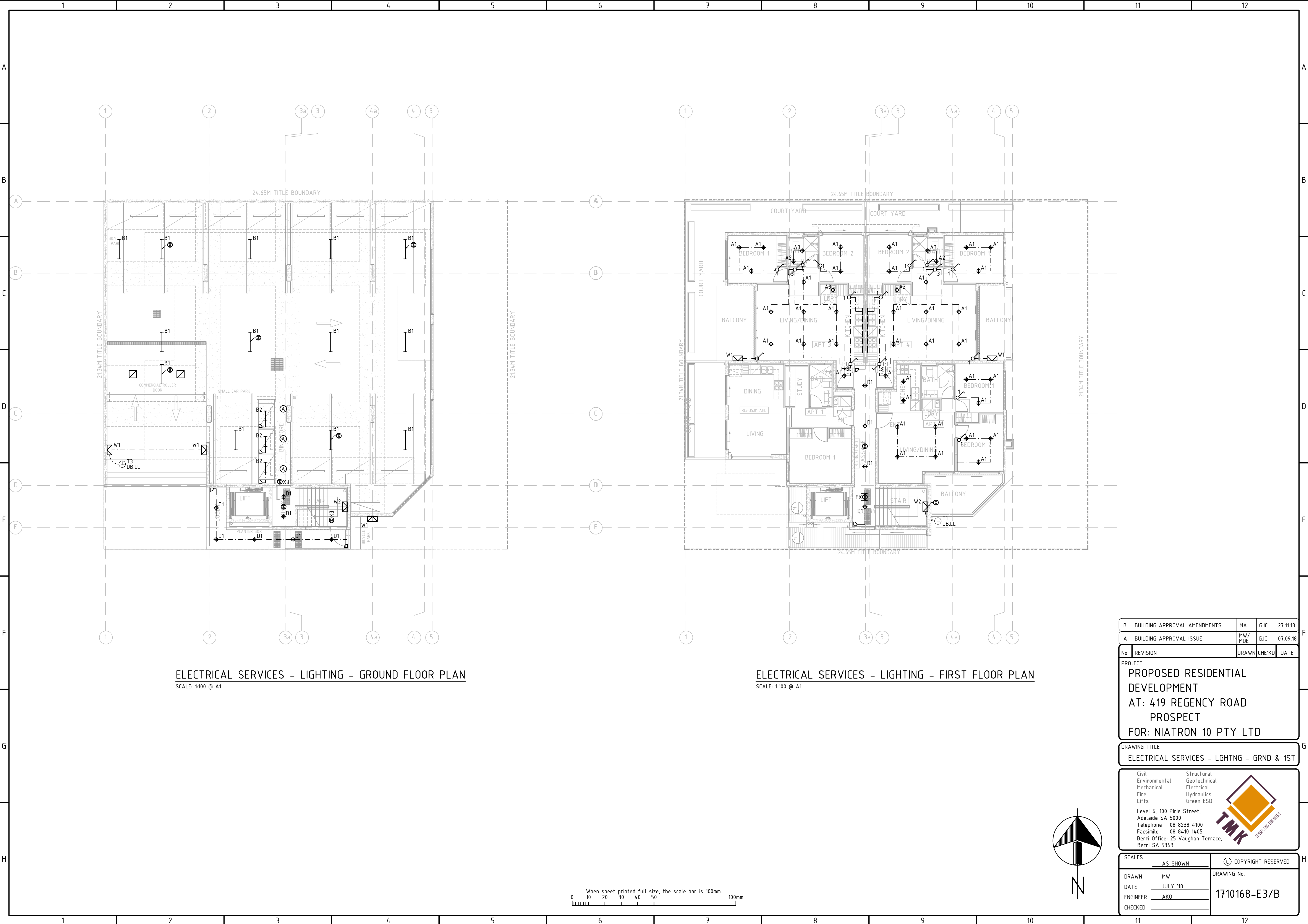
Structural  
Geotechnical  
Electrical  
Hydraulics  
Green ESD



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Adelaide SA 5000  
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| DATE     | JULY '18 | 1710168-E2/B         |
| ENGINEER | AKO      |                      |
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ELECTRICAL SERVICES - LIGHTING - GROUND FLOOR PLAN  
SCALE: 1:100 @ A1

ELECTRICAL SERVICES - LIGHTING - FIRST FLOOR PLAN  
SCALE: 1:100 @ A1


|    |                              |            |        |          |
|----|------------------------------|------------|--------|----------|
| B  | BUILDING APPROVAL AMENDMENTS | MA         | GJC    | 27.11.18 |
| A  | BUILDING APPROVAL ISSUE      | MW/<br>MDE | GJC    | 07.09.18 |
| No | REVISION                     | DRAWN      | CHE'KD | DATE     |

PROJECT  
PROPOSED RESIDENTIAL  
DEVELOPMENT  
AT: 419 REGENCY ROAD  
PROSPECT  
FOR: NIATRON 10 PTY LTD

DRAWING TITLE  
ELECTRICAL SERVICES - LGHTNG - GRND & 1ST

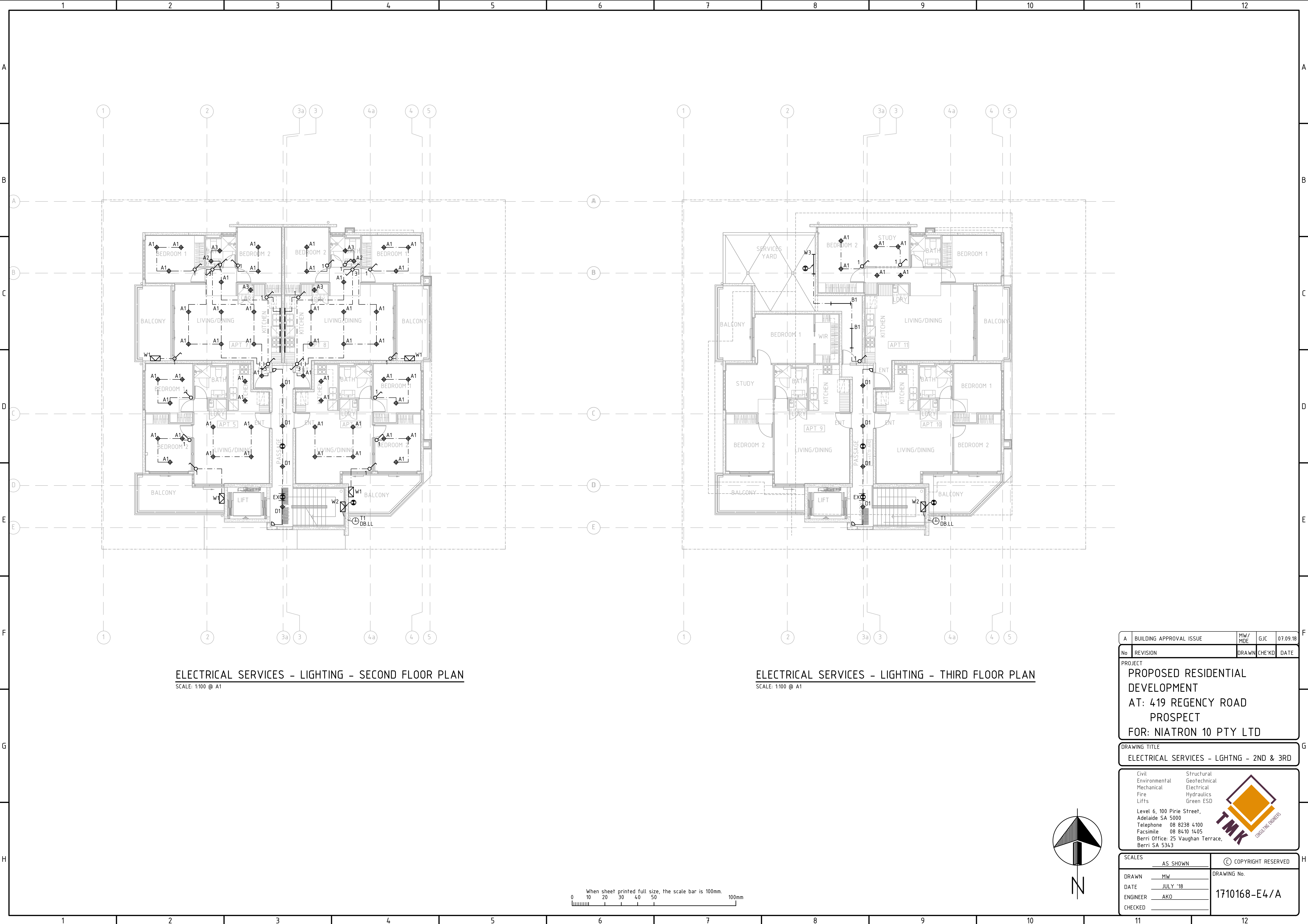
Civil  
Environmental  
Mechanical  
Fire  
Lifts

Structural  
Geotechnical  
Electrical  
Hydraulics  
Green ESD



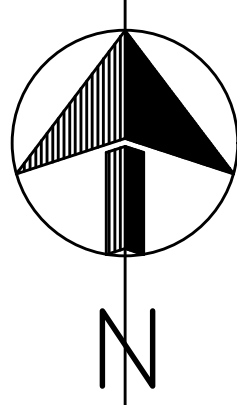
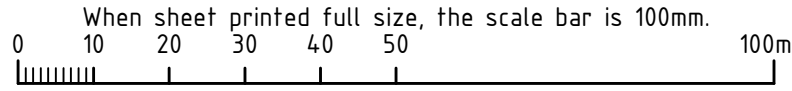
Level 6, 100 Pirie Street,  
Adelaide SA 5000  
Telephone 08 8238 4100  
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| ENGINEER | AKO      |                      |
| CHECKED  |          |                      |



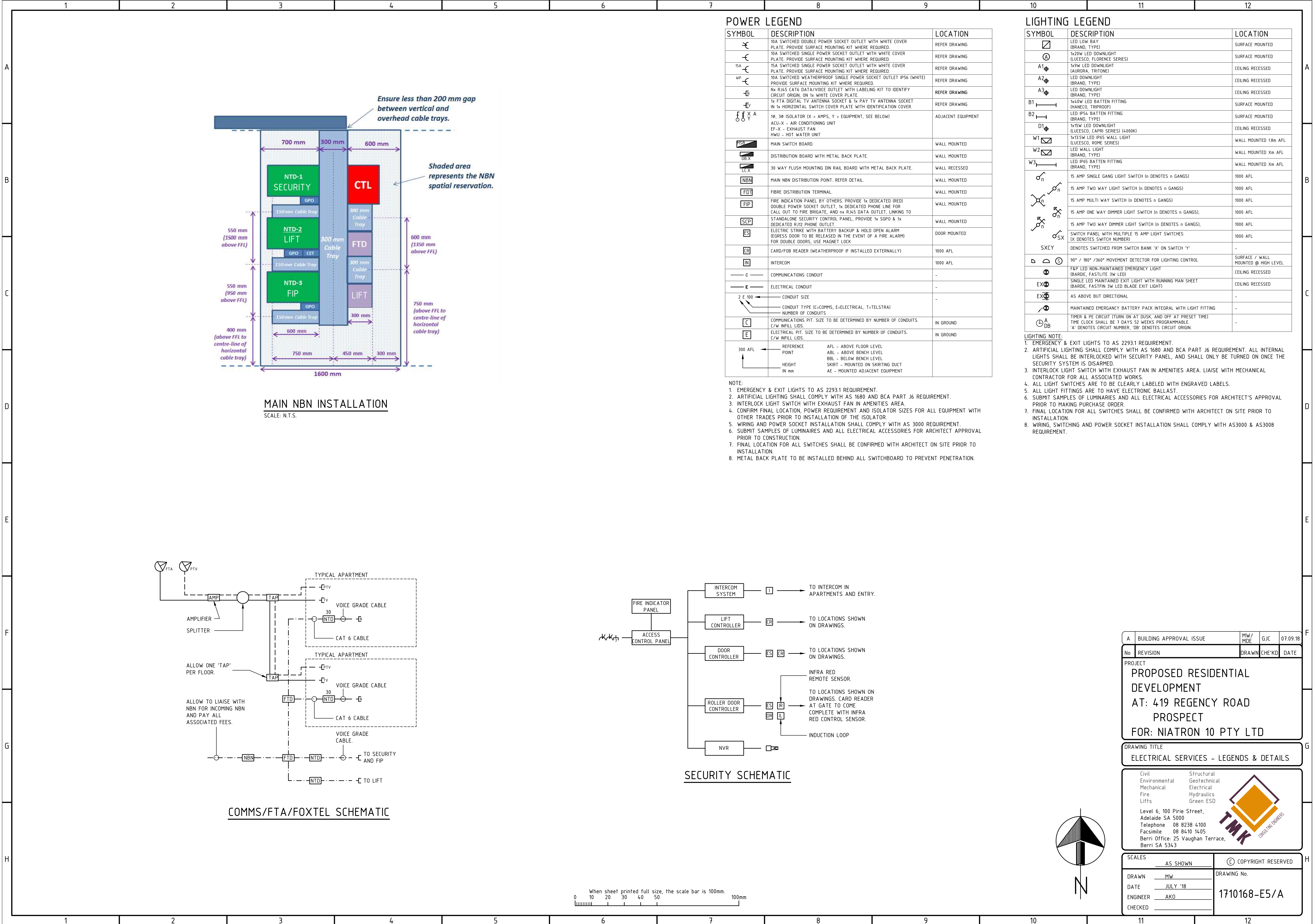
ELECTRICAL SERVICES - LIGHTING - SECOND FLOOR PLAN  
SCALE: 1:100 @ A1

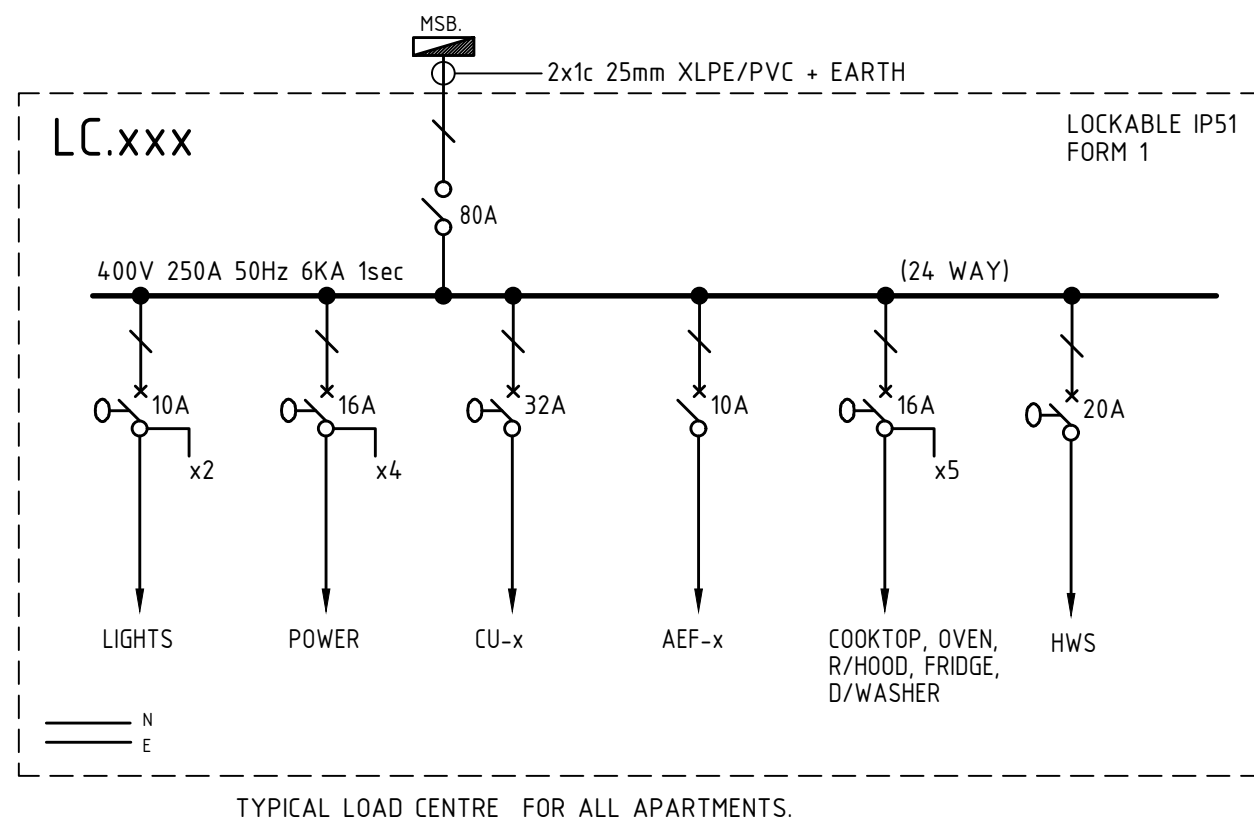
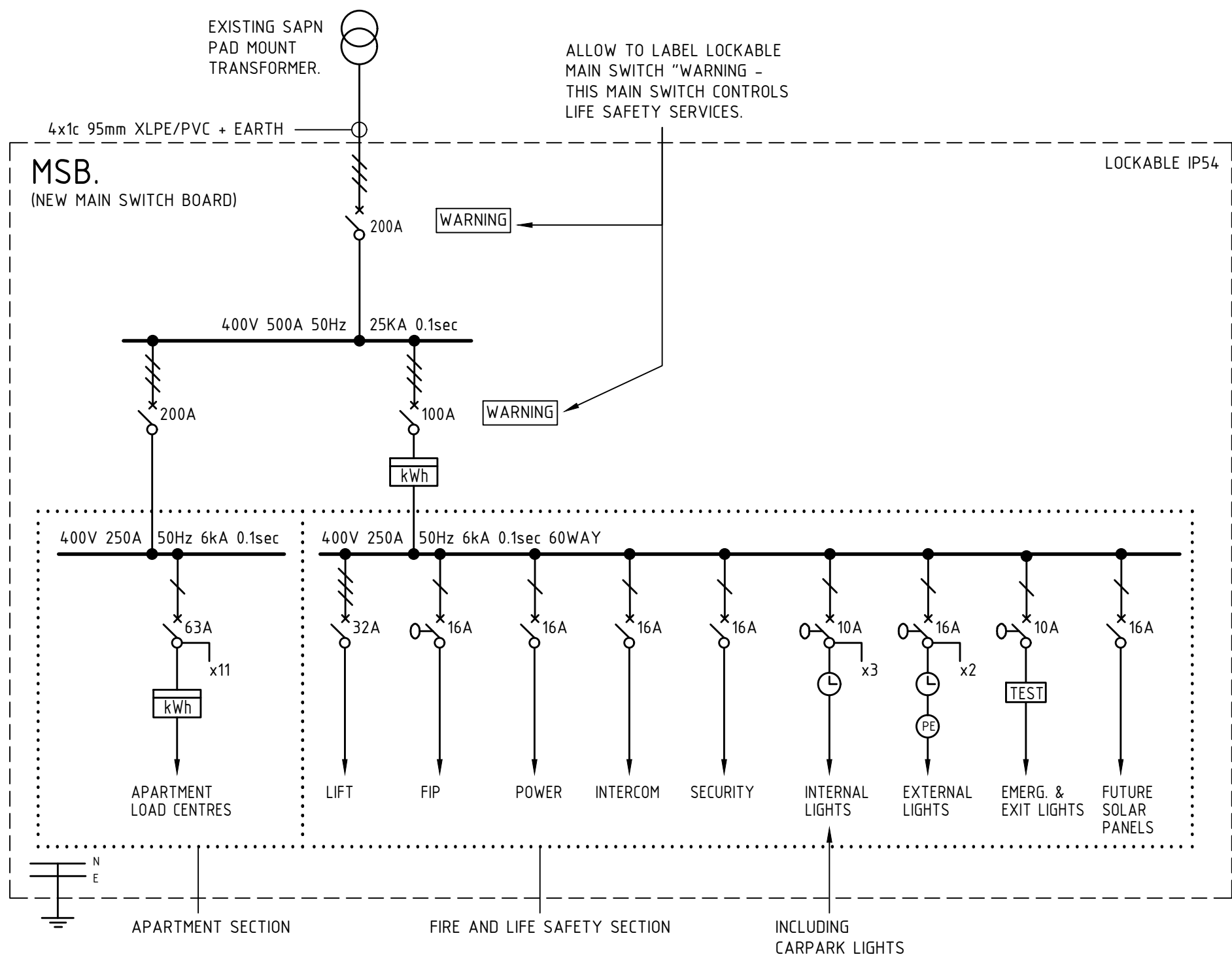
ELECTRICAL SERVICES - LIGHTING - THIRD FLOOR PLAN  
SCALE: 1:100 @ A1



|  |                         |   |     |   |
|--|-------------------------|---|-----|---|
| A  | BUILDING APPROVAL ISSUE | MW/ MDE   | GJC | 07.09.18  |
| No   | REVISION                | DRAWN/CHECKD  |     | DATE  |
| PROJECT  |                         |   |     |   |
| PROPOSED RESIDENTIAL DEVELOPMENT   |                         |   |     |   |
| AT: 419 REGENCY ROAD PROSPECT  |                         |   |     |   |
| FOR: NIATRON 10 PTY LTD  |                         |   |     |   |
| DRAWING TITLE  |                         |   |     |   |
| ELECTRICAL SERVICES - LGHTNG - 2ND & 3RD   |                         |   |     |   |
| Civil<br>Environmental<br>Mechanical<br>Fire<br>Lifts  |                         | Structural<br>Geotechnical<br>Electrical<br>Hydraulics<br>Green ESD |     |  |
| Level 6, 100 Pirie Street,<br>Adelaide SA 5000<br>Telephone 08 8238 4100<br>Facsimile 08 8410 1405<br>Berri Office: 25 Vaughan Terrace,<br>Berri SA 5343 |                         |   |     |   |
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| DRAWN MW   |                         | DATE JULY '18   |     |   |
| ENGINEER AKO   |                         | 1710168-E4/A  |     |   |
| CHECKED  |                         |   |     |   |

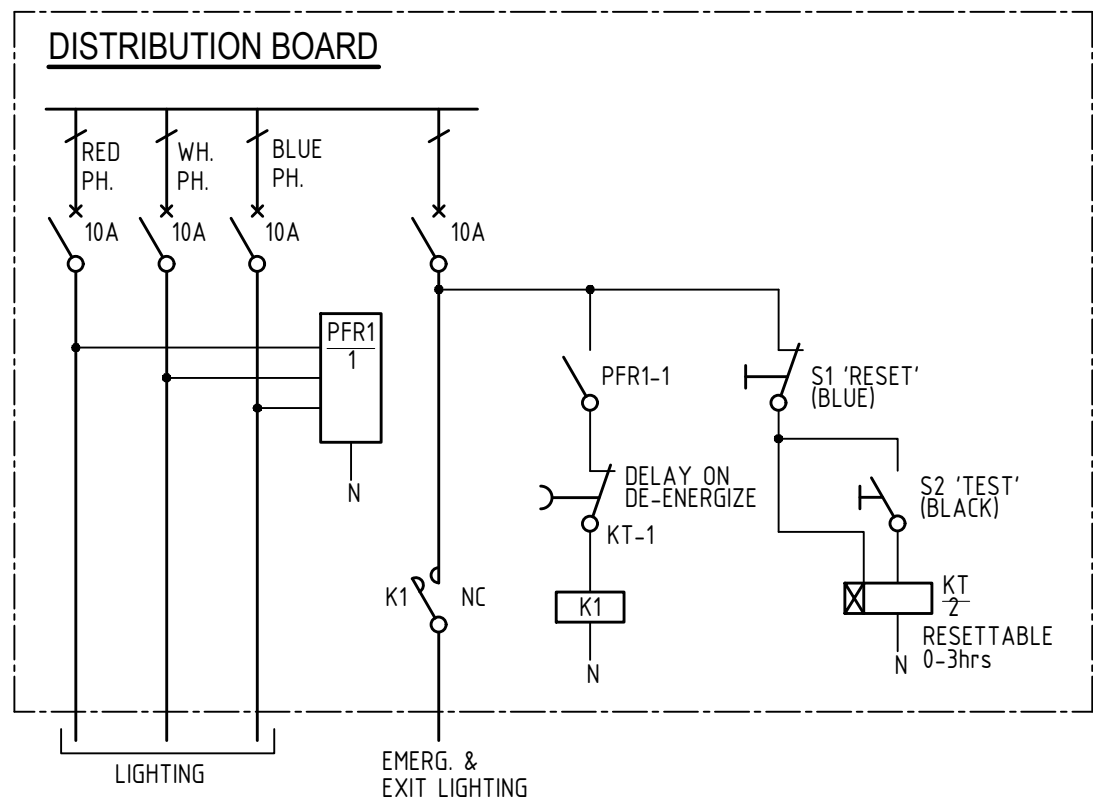






## SLD LEGEND

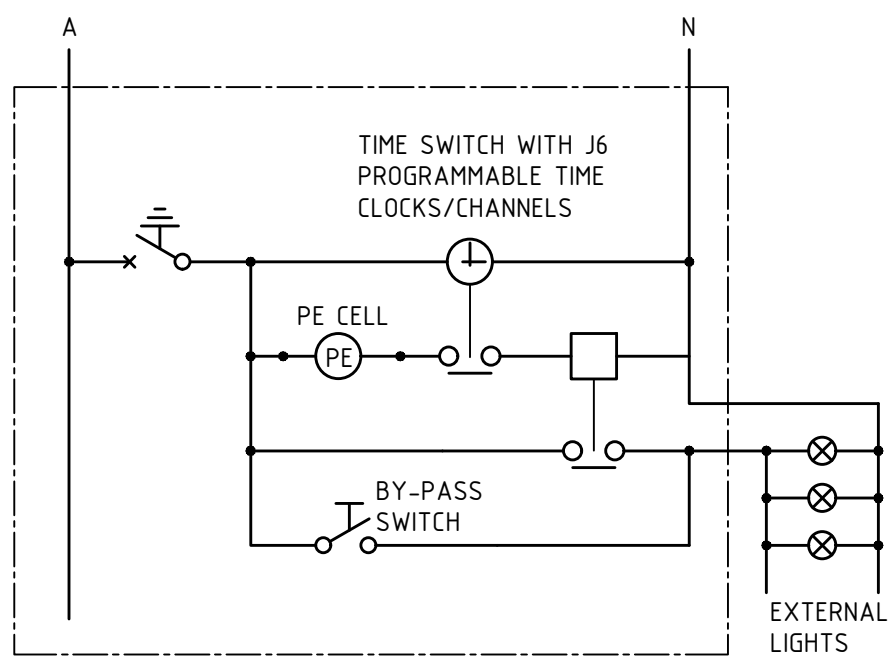
| SYMBOL | DESCRIPTION  |
|--------|--|
|        | 3 PHASE CIRCUIT  |
|        | 2 PHASE CIRCUIT  |
|        | SINGLE PHASE CIRCUIT (2 INDICATES, 2 PHASE.)   |
|        | ON LOAD ISOLATOR   |
|        | CIRCUIT BREAKER  |
|        | R.O.C.O.F. & VECTOR SHIFT RELAY FOR ANTI - ISLANDING PROTECTION TO SAPN REQ. REFER ANTI-ISLANDING SCHEMATIC FOR DETAIL |
|        | kWh RETAILER SMART METER   |
|        | PRIVATE DIGITAL MAXIMUM DEMAND METER (MAX VOLT, MAX AMP, TOTAL kWh)  |
|        | 3 PHASE BUSBAR   |
|        | TIME CLOCK. 7 DAY 52 WEEKS PROGRAMMABLE ON LIGHTING CONTROL SYSTEM   |
|        | PHOTO-ELECTRIC SWITCH ON LIGHTING CONTROL SYSTEM   |
|        | CONTACTOR  |
|        | TERMINATION POINT OF TRADE   |
|        | HRC FUSE   |
|        | n OFF CIRCUITS   |
|        | SUPPLY AUTHORITY C.T.  |
|        | 30mA RCD PROTECTED CIRCUIT, UNLESS OTHERWISE SPECIFIED   |



NOTE: USING PHASE FAILURE RELAY FOR VOLTAGE SENSING.

## EXIT & EMERGENCY SCHEMATIC

FOR MSB (LANDLORD SECTION) AND TENANCY DISTRIBUTION BOARDS.



## TIMER CIRCUIT SCHEMATIC (TYPICAL)

|    |                         |        |        |          |
|----|-------------------------|--------|--------|----------|
| A  | BUILDING APPROVAL ISSUE | MW/MDE | GJC    | 07.09.18 |
| No | REVISION                | DRAWN  | CHE'KD | DATE     |

PROJECT

PROPOSED RESIDENTIAL DEVELOPMENT

AT: 419 REGENCY ROAD PROSPECT

FOR: NIATRON 10 PTY LTD

DRAWING TITLE

ELECTRICAL SERVICES - SINGLE LINE DIAGRAM

|   |              |
|---|--------------|
| Civil   | Structural   |
| Environmental                                   | Geotechnical |
| Mechanical                                      | Electrical   |
| Fire  | Hydraulics   |
| Lifts   | Green ESD    |
| Level 6, 100 Pirie Street, Adelaide SA 5000     |              |
| Telephone 08 8238 4100                          |              |
| Facsimile 08 8410 1405                          |              |
| Berri Office: 25 Vaughan Terrace, Berri SA 5343 |              |



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When sheet printed full size, the scale bar is 100mm.

0 10 20 30 40 50 100mm