

POWER LEGEND

SYMBOL	DESCRIPTION	LOCATION
	10A SWITCHED DOUBLE POWER SOCKET OUTLET WITH WHITE COVER PLATE. PROVIDE SURFACE MOUNTING KIT WHERE REQUIRED.	REFER DRAWING
	15A SWITCHED SINGLE POWER SOCKET OUTLET WITH WHITE COVER PLATE. PROVIDE SURFACE MOUNTING KIT WHERE REQUIRED.	REFER DRAWING
	10A SWITCHED WEATHERPROOF SINGLE POWER SOCKET OUTLET IP56 (WHITE). PROVIDE SURFACE MOUNTING KIT WHERE REQUIRED.	REFER DRAWING
	1x RJ45 CAT6 DATA/VOICE OUTLET WITH LABELING KIT TO IDENTIFY CIRCUIT ORIGIN, ON 1x WHITE COVER PLATE.	REFER DRAWING
	1x RJ12 TELEPHONE OUTLET.	REFER DRAWING
	1x FTA DIGITAL TV ANTENNA SOCKET & 1x PAY TV ANTENNA SOCKET IN 1x HORIZONTAL SWITCH COVER PLATE WITH IDENTIFICATION COVER.	REFER DRAWING
	10, 30, 60 ISOLATOR (X = AMPS, Y = EQUIPMENT, SEE BELOW)	ADJACENT EQUIPMENT
	ACU-X - AIR CONDITIONING UNIT	
	EF-X - EXHAUST FAN	
	HWU - HOT WATER UNIT	
	15 AMP SINGLE PHASE ISOLATOR FOR HAND DRYER, WITH MARKED SWITCH & LED INDICATOR.	1100 AFL
	MAIN SWITCH BOARD.	WALL MOUNTED
	DISTRIBUTION BOARD WITH METAL BACK PLATE.	WALL MOUNTED
	n PAIR MAIN DISTRIBUTION FRAME.	WALL MOUNTED
	n PAIR INTERMEDIATE DISTRIBUTION FRAME.	WALL MOUNTED
	ELECTRIC STRIKE WITH BATTERY BACKUP & HOLD OPEN ALARM (EGRESS DOOR TO BE RELEASED IN THE EVENT OF A FIRE ALARM) FOR DOUBLE DOORS, USE MAGNET LOCK	DOOR MOUNTED
	CARD/FOB READER (WEATHERPROOF IF INSTALLED EXTERNALLY)	1000 AFL
	90° / 180° / 360° MOVEMENT DETECTOR FOR LIGHTING CONTROL	SURFACE / WALL MOUNTED @ HIGH LEVEL
	STANDALONE SECURITY CONTROL PANEL, PROVIDE 1x SGPO & 1x DEDICATED RJ12 PHONE OUTLET.	WALL MOUNTED
	INTERCOM IP54 DOOR DIGITAL DOOR STATION, C/W BLANK MODULE FOR CARD/FOB READER, SPEAKER, MICROPHONE, COLOR CAMERA, LCD DISPLAY WITH ALPHANUMERIC SCROLL MODULES (PROGRAMMABLE) (LEGRAND, BTICINO SFERA 2 OR SIMILAR APPROVED)	WALL RECESSED,
	COMMUNICATIONS CONDUIT	-
	ELECTRICAL CONDUIT	-
	CONDUIT SIZE CONDUIT TYPE (C=COMMS, E=ELECTRICAL, T=TELSTRA) NUMBER OF CONDUITS	-
	COMMUNICATIONS PIT. SIZE TO BE DETERMINED BY NUMBER OF CONDUITS. C/W INFILL LIDS.	IN GROUND
	ELECTRICAL PIT. SIZE TO BE DETERMINED BY NUMBER OF CONDUITS. C/W INFILL LIDS.	IN GROUND
	REFERENCE POINT HEIGHT IN mm	
	AFL - ABOVE FLOOR LEVEL ABL - ABOVE BENCH LEVEL BBL - BELOW BENCH LEVEL SKIRT - MOUNTED ON SKIRTING DUCT AE - MOUNTED ADJACENT EQUIPMENT	

- NOTE:
- EMERGENCY & EXIT LIGHTS TO AS 2293.1 REQUIREMENT.
  - ARTIFICIAL LIGHTING SHALL COMPLY WITH AS 1680 AND BCA PART J6 REQUIREMENT.
  - INTERLOCK LIGHT SWITCH WITH EXHAUST FAN IN AMENITIES AREA.
  - CONFIRM FINAL LOCATION, POWER REQUIREMENT AND ISOLATOR SIZES FOR ALL EQUIPMENT WITH OTHER TRADES PRIOR TO INSTALLATION OF THE ISOLATOR.
  - WIRING AND POWER SOCKET INSTALLATION SHALL COMPLY WITH AS 3000 REQUIREMENT.
  - SUBMIT SAMPLES OF LUMINAIRES AND ALL ELECTRICAL ACCESSORIES FOR ARCHITECT APPROVAL PRIOR TO CONSTRUCTION.
  - FINAL LOCATION FOR ALL SWITCHES SHALL BE CONFIRMED WITH ARCHITECT ON SITE PRIOR TO INSTALLATION.
  - METAL BACK PLATE TO BE INSTALLED BEHIND ALL SWITCHBOARD TO PREVENT PENETRATION.

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

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

DETAIL A  
NTS.

A	BUILDING APPROVAL ISSUE	CG	GJC	10.10.19
No	REVISION	DRAWN	CHEK'D	DATE

PROJECT

**PROPOSED MIXED  
USE DEVELOPMENT**  
AT: 76-78 COMMERCIAL ROAD  
PORT ADELAIDE, SA  
FOR: VITO GROUP PTY LTD.

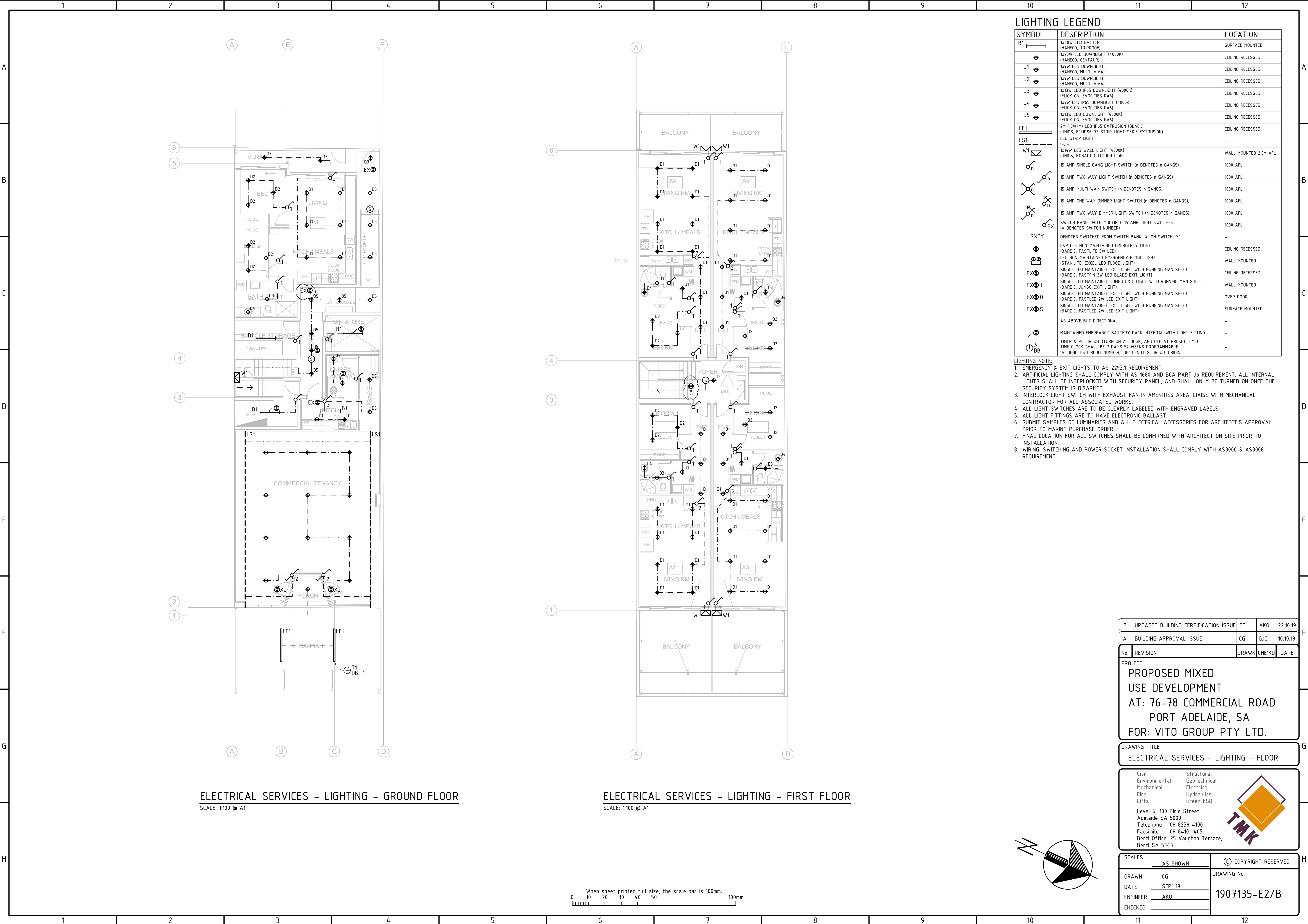
DRAWING TITLE

**ELECTRICAL SERVICES - POWER - FLOOR**

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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DATE	SEP' 19	<b>1907135-E1/A</b>
ENGINEER	AKO	
CHECKED		



LIGHTING LEGEND		
SYMBOL	DESCRIPTION	LOCATION
B1	1x60W LED BATTEN (HANEKO, TRIPROOF)	SURFACE MOUNTED
⬢	1x20W LED DOWNLIGHT (4000K) (HANEKO, CENTAUR)	CEILING RECESSED
D1	1x9W LED DOWNLIGHT (HANEKO, MULTI VIVA)	CEILING RECESSED
D2	1x9W LED DOWNLIGHT (HANEKO, MULTI VIVA)	CEILING RECESSED
D3	1x13W LED IP65 DOWNLIGHT (4000K) (FLICK ON, EVOCITIES RA6)	CEILING RECESSED
D4	1x7W LED IP65 DOWNLIGHT (4000K) (FLICK ON, EVOCITIES RA6)	CEILING RECESSED
D5	1x13W LED DOWNLIGHT (4000K) (FLICK ON, EVOCITIES RA6)	CEILING RECESSED
LE1	2m (10W/m) LED IP65 EXTRUSION (BLACK) (UNIOS, ELLIPSE G2 STRIP LIGHT SERIE EXTRUSION)	CEILING RECESSED
LS1	LED STRIP LIGHT (-, -)	-
W1	1x14W LED WALL LIGHT (4000K) (UNIOS, KOBALT OUTDOOR LIGHT)	WALL MOUNTED 2.0m AFL
⎓	15 AMP SINGLE GANG LIGHT SWITCH (n DENOTES n GANGS)	1000 AFL
⎓	15 AMP TWO WAY LIGHT SWITCH (n DENOTES n GANGS)	1000 AFL
⎓	15 AMP MULTI WAY SWITCH (n DENOTES n GANGS)	1000 AFL
⎓	15 AMP ONE WAY DIMMER LIGHT SWITCH (n DENOTES n GANGS),	1000 AFL
⎓	15 AMP TWO WAY DIMMER LIGHT SWITCH (n DENOTES n GANGS),	1000 AFL
SX	SWITCH PANEL WITH MULTIPLE 15 AMP LIGHT SWITCHES (X DENOTES SWITCH NUMBER)	1000 AFL
SXCY	DENOTES SWITCHED FROM SWITCH BANK 'X' ON SWITCH 'Y'	-
⬢	F&P LED NON-MAINTAINED EMERGENCY LIGHT (BARDIC, FASTLITE 3W LED)	CEILING RECESSED
⬢	LED NON-MAINTAINED EMERGENCY FLOOD LIGHT (STANLITE, EXCEL LED FLOOD LIGHT)	WALL MOUNTED
EX	SINGLE LED MAINTAINED EXIT LIGHT WITH RUNNING MAN SHEET (BARDIC, FASTFN 3W LED BLADE EXIT LIGHT)	CEILING RECESSED
EX	SINGLE LED MAINTAINED JUMBO EXIT LIGHT WITH RUNNING MAN SHEET (BARDIC, JUMBO EXIT LIGHT)	WALL MOUNTED
EX	SINGLE LED MAINTAINED EXIT LIGHT WITH RUNNING MAN SHEET (BARDIC, FASTLED 2W LED EXIT LIGHT)	OVER DOOR
EX	SINGLE LED MAINTAINED EXIT LIGHT WITH RUNNING MAN SHEET (BARDIC, FASTLED 2W LED EXIT LIGHT)	SURFACE MOUNTED
⬢	AS ABOVE BUT DIRECTIONAL	-
⬢	MAINTAINED EMERGENCY BATTERY PACK INTEGRAL WITH LIGHT FITTING	-
⌚	TIMER & PE CIRCUIT (TURN ON AT DUSK, AND OFF AT PRESET TIME) TIME CLOCK SHALL BE 7 DAYS 52 WEEKS PROGRAMMABLE. 'A' DENOTES CIRCUIT NUMBER, 'DB' DENOTES CIRCUIT ORIGIN.	-

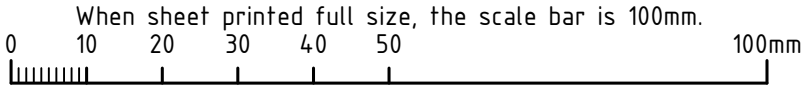
- LIGHTING NOTE:
- EMERGENCY & EXIT LIGHTS TO AS 2293.1 REQUIREMENT.
  - ARTIFICIAL LIGHTING SHALL COMPLY WITH AS 1680 AND BCA PART J6 REQUIREMENT. ALL INTERNAL LIGHTS SHALL BE INTERLOCKED WITH SECURITY PANEL, AND SHALL ONLY BE TURNED ON ONCE THE SECURITY SYSTEM IS DISARMED.
  - INTERLOCK LIGHT SWITCH WITH EXHAUST FAN IN AMENITIES AREA. LIAISE WITH MECHANICAL CONTRACTOR FOR ALL ASSOCIATED WORKS.
  - ALL LIGHT SWITCHES ARE TO BE CLEARLY LABELED WITH ENGRAVED LABELS.
  - ALL LIGHT FITTINGS ARE TO HAVE ELECTRONIC BALLAST.
  - SUBMIT SAMPLES OF LUMINARIES AND ALL ELECTRICAL ACCESSORIES FOR ARCHITECT'S APPROVAL PRIOR TO MAKING PURCHASE ORDER.
  - FINAL LOCATION FOR ALL SWITCHES SHALL BE CONFIRMED WITH ARCHITECT ON SITE PRIOR TO INSTALLATION.
  - WIRING, SWITCHING AND POWER SOCKET INSTALLATION SHALL COMPLY WITH AS3000 & AS3008 REQUIREMENT.

ELECTRICAL SERVICES - LIGHTING - GROUND FLOOR

SCALE: 1:100 @ A1

ELECTRICAL SERVICES - LIGHTING - FIRST FLOOR

SCALE: 1:100 @ A1



B	UPDATED BUILDING CERTIFICATION ISSUE	CG	AKO	22.10.19
A	BUILDING APPROVAL ISSUE	CG	GJC	10.10.19
No	REVISION	DRAWN	CHE'KD	DATE

PROJECT

**PROPOSED MIXED  
USE DEVELOPMENT**

**AT: 76-78 COMMERCIAL ROAD  
PORT ADELAIDE, SA**

**FOR: VITO GROUP PTY LTD.**

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**ELECTRICAL SERVICES - LIGHTING - FLOOR**

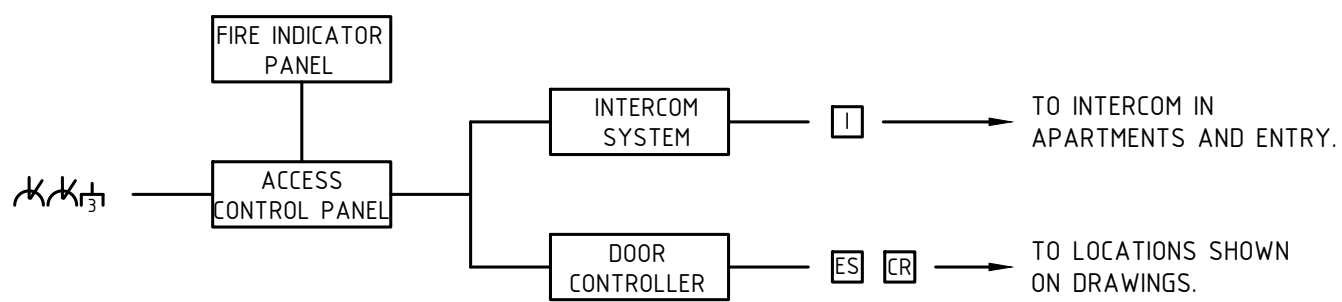
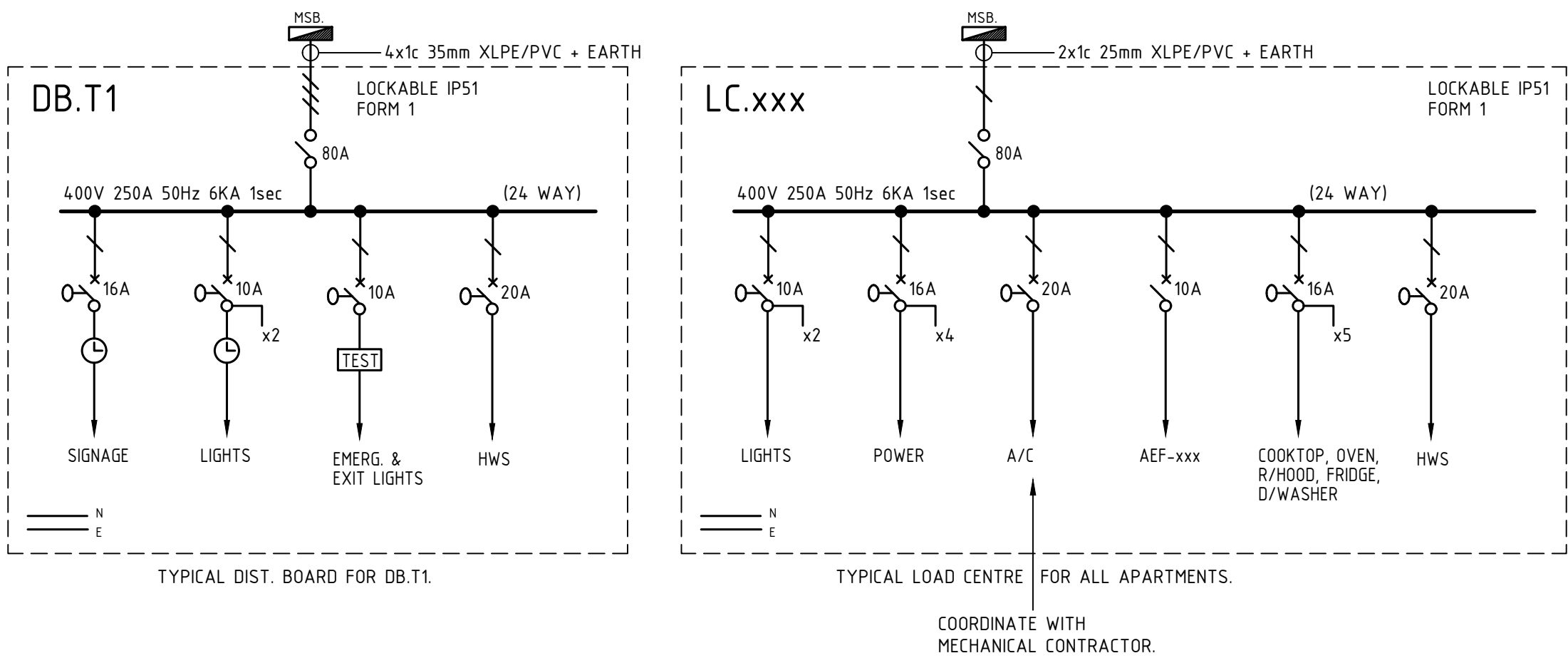
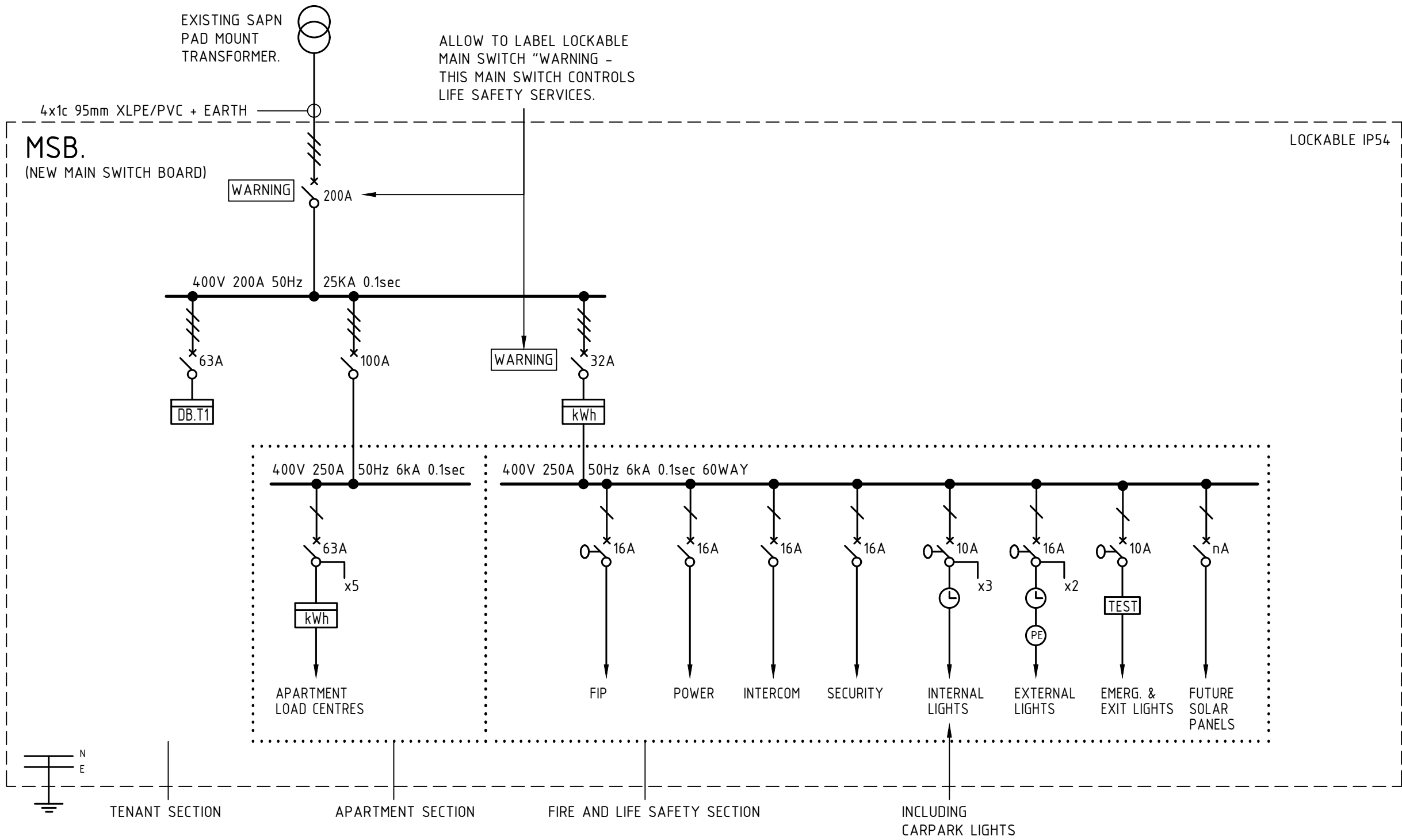
Civil  
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Fire  
Lifts

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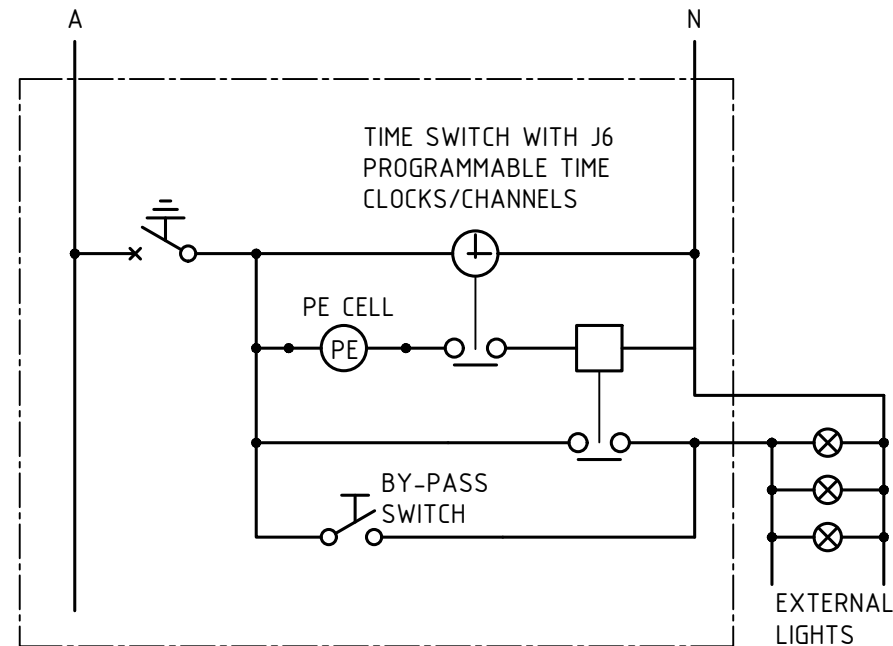
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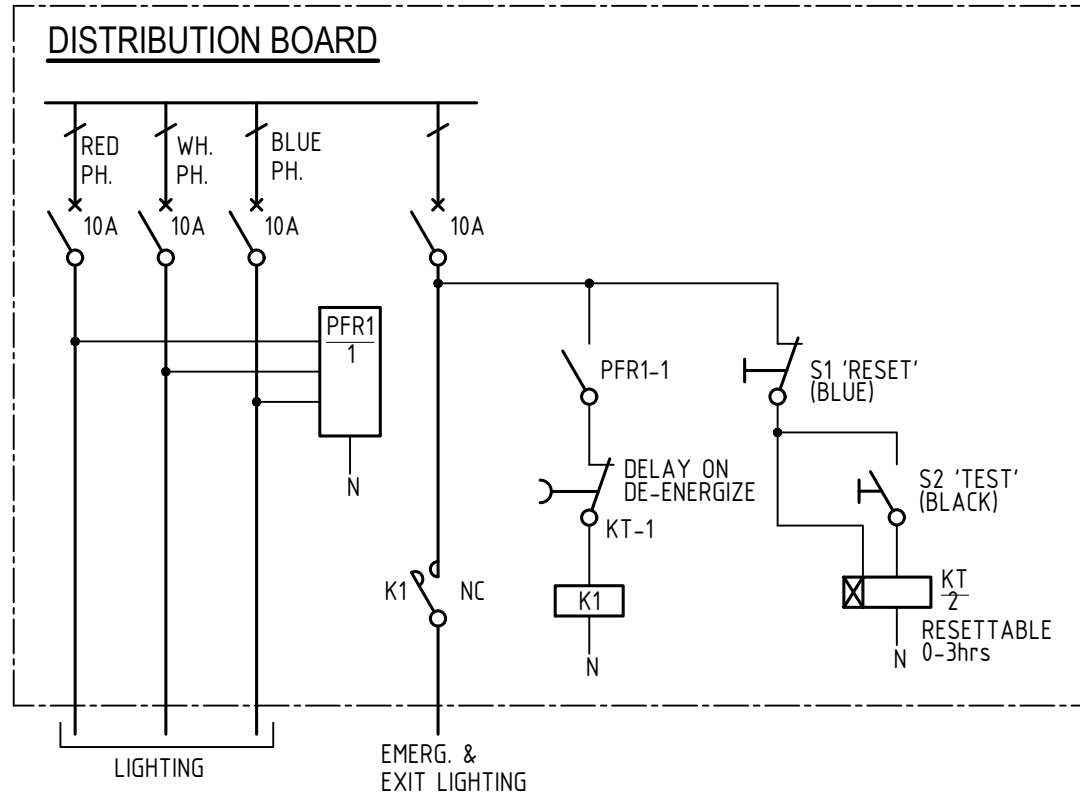


SCALE: 1:100 @ A1

INTERCOM & SECURITY SCHEMATIC



TIMER CIRCUIT SCHEMATIC (TYPICAL)



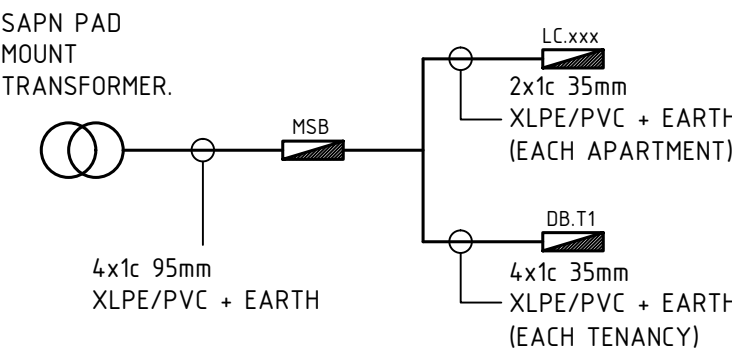
NOTE: USING PHASE FAILURE RELAY FOR VOLTAGE SENSING.

EXIT & EMERGENCY SCHEMATIC

FOR MSB (LANDLORD SECTION) AND TENANCY DISTRIBUTION BOARDS.

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



POWER SCHEMATIC

A	BUILDING APPROVAL ISSUE	CG	GJC	10.10.19
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PROJECT

PROPOSED MIXED USE DEVELOPMENT

AT: 76-78 COMMERCIAL ROAD

PORT ADELAIDE, SA

FOR: VITO GROUP PTY LTD.

DRAWING TITLE

ELECTRICAL SERVICES - SLD & DETAILS

Civil  
Environmental  
Mechanical  
Fire  
Lifts

Structural  
Geotechnical  
Electrical  
Hydraulics  
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TMK

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

0 10 20 30 40 50 100mm