

JOB NUMBER: 8993



<u>SCHEDULE OF DRAWINGS</u>	
DRAWING No.	DRAWING TITLE
E000	COVER PAGE
E001	LEGEND OF SYMBOLS & ABBREVIATIONS
E002	SPECIFICATION NOTES 1
E003	SPECIFICATION NOTES 2
E050	SITE PLAN - LIGHTING & POWER RETICULATION LAYOUT
E100	GROUND FLOOR PLAN - LIGHTING & FIRE DETECTION LAYOUT
E200	GROUND FLOOR PLAN - POWER & COMMS LAYOUT
E201	ROOF PLAN - POWER & COMMS LAYOUT
E300	SCHEMATICS 1
E301	SCHEMATICS 2

ELECTRICAL SERVICES

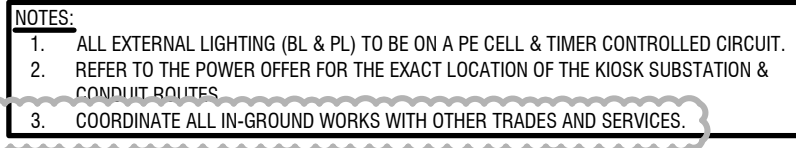
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21. FIRE-RATED ELEMENTS
 - THE CONTRACTOR SHALL PROVIDE APPROVED FIRE-RATED PILLOWS, GAP SEALANT OR SIMILAR FIRE-RATED PRODUCT TO ALL PENETRATIONS THROUGH THE FIRE RATED ELEMENTS/ WALL/ SLABS.
 - ALL LIGHTING SWITCHES, POWER OUTLETS AND ACCESSORIES INSTALLED ON FIRE-RATED WALL SHALL BE COMPLETE WITH FIRE-RATED BOXES IN ACCORDANCE WITH LATEST NCC, AS4072.1, AS1503.4 AND ALL RELEVANT STANDARDS.
22. INSPECTIONS:
GIVE SUFFICIENT NOTICE SO THAT INSPECTION MAY BE MADE AT THE FOLLOWING STAGES:
 - FABRICATION COMPLETED WORKS ASSEMBLY COMPLETED
 - SWITCHBOARD INSTALLED AND CONNECTED
 - ACCEPTANCE
 - BEFORE FINAL CLOSE UP OF WALLS & CEILINGS.
23. WARRANTY:
 - THE COMPLETE WORKS SHALL BE WARRANTED AGAINST DEFECTIVE WORKMANSHIP AND MATERIALS (FAIR WEAR AND TEAR EXCEPTED). DURING THE WHOLE OF THE WARRANTY PERIOD (TWELVE MONTHS AFTER PRACTICAL COMPLETION) WARRANTY AND BREAKDOWN MAINTENANCE IN CONNECTION WITH WORK OF THIS CONTRACT SHALL BE PERFORMED WITHOUT COST.
 - ALL LIGHT FITTINGS SHALL HAVE A 5 YEAR MINIMUM WARRANTY ON ALL PARTS & LAMPS
24. INSTALLATION DRAWINGS:
 - THE CONTRACTOR SHALL PROVIDE THE BUILDER AND THE SUPERINTENDENT WITH COMPLETE LAYOUT, INSTALLATION AND SHOP DRAWINGS, TOGETHER WITH ANY NECESSARY DESCRIPTIONS AND SPECIFICATIONS.
25. COMPLIANCE CERTIFICATE:
 - PROVIDE ELECTRICAL SAFETY CERTIFICATES COMPLETED BY THE REGISTERED ELECTRICAL CONTRACTOR (REC) AS REQUIRED BY THE STATE ELECTRICAL SAFETY REGULATORY AUTHORITY IN THE (O & M) MANUAL.
26. O & M MANUALS AND AS-BUILT DRAWINGS:
 - PROVIDE WITHIN SEVEN (7) DAYS OF PRACTICAL COMPLETION AS-BUILT RECORDS OF THE INSTALLATION OF THE WORKS. THESE SHALL BE IN THE FORM OF UPDATED DRAWINGS, USING THE CONSTRUCTION ISSUE DRAWINGS AS THE BASIS.
 - PROVIDE (3) FULL-SIZED PRINTS OF EACH DRAWING, AS WELL AS A CD OR USB VERSION OF THE DRAWINGS IN DWG AND PDF FORMAT, USING ACAD - 2018 OR HIGHER. CIRCUITS SHALL INDICATE THE BOARD OF ORIGIN AND CIRCUIT BREAKER NUMBER USED.
 - PROVIDE A DESCRIPTION OF THE PROJECT WORKS AND TECHNICAL LITERATURE ON THE PRODUCTS USED, INCLUDE FITTINGS, LAMPS, GPOS, CIRCUIT BREAKERS, CABLING, COMMUNICATION OUTLETS, CABLE MANAGEMENT SYSTEMS, SWITCHBOARDS, ETC USED IN THE PROJECT
 - PROVIDE SCHEMATICS FOR ALL THE SYSTEMS INSTALLED
27. THE DEFECTS LIABILITY PERIOD:
 - SHALL BE 12 MONTHS FROM THE DATE OF SUBSTANTIAL COMPLETION OF THE CONTRACT WORKS. THE BUILDER OR THE SUPERINTENDENT ON ITS BEHALF MAY INSTRUCT THE CONTRACTOR TO MAKE GOOD ANY DEFECTIVE WORK, TO REPLACE ANY DEFECTIVE PART, AND THE CONTRACTOR SHALL CARRY OUT THESE INSTRUCTIONS WITHIN SEVEN (7) DAYS OF THE RECEIPT OF ANY SUCH NOTICE.
 - THE CONTRACTOR SHALL CARRY OUT ALL NECESSARY REQUIRED PREVENTIVE MAINTENANCE WORKS (QUARTERLY, HALF YEARLY OR YEARLY) AS REQUIRED. EVIDENCE OF SUCH WORKS SHALL BE PROVIDED TO THE BUILDING MANAGERS FOR SAFE KEEPING

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Rev No.	Amendment	Date	Drawn	Designed	Approved	Rev No.	Amendment	Date	Drawn	Designed	Approved	Direction of North:				Project Manager:	NJM DESIGN	NJM DESIGN (VIC) PTY LTD	Project Title:	Drawn:	Service:	Work Stage:	Revision:
P1	PRELIMINARY ISSUE	13.09.24	DVT	NH	-								-	-	ABN: 93 633 847 775	WILDLIFE HOSPITAL KYABRAM		DVT	ELECTRICAL SERVICES	TENDER	T2		
P2	PRE-TENDER ISSUE	14.10.24	DVT	NH	RP								Architect:	L18, 350 Queen Street	75 LAKE ROAD	Designed:							
0	TENDER ISSUE	20.11.24	DVT	NG	RP								INNOVA GROUP	Melbourne VIC 3000	KYABRAM, VIC 3620	NH		Drawing Title:	Scale:	Drawing Number:			
T1	REVISED TENDER ISSUE	31.07.26	DVT	SN	RP								Structural Engineer:	mail@njmdesign.com.au		Approved:		NTS		E003			
T2	REVISED TENDER ISSUE	13.08.26	DVT	SN	RP								-	Ph: +61 3 9600 4400	Client:	RP			Sheet:	Job Number:			
													Civil Engineer:	www.njmdesign.com.au	ZOOS VICTORIA	Doc Control:		A1	8993				
													-			MB							



NJM DESIGN (VIC) PTY LTD
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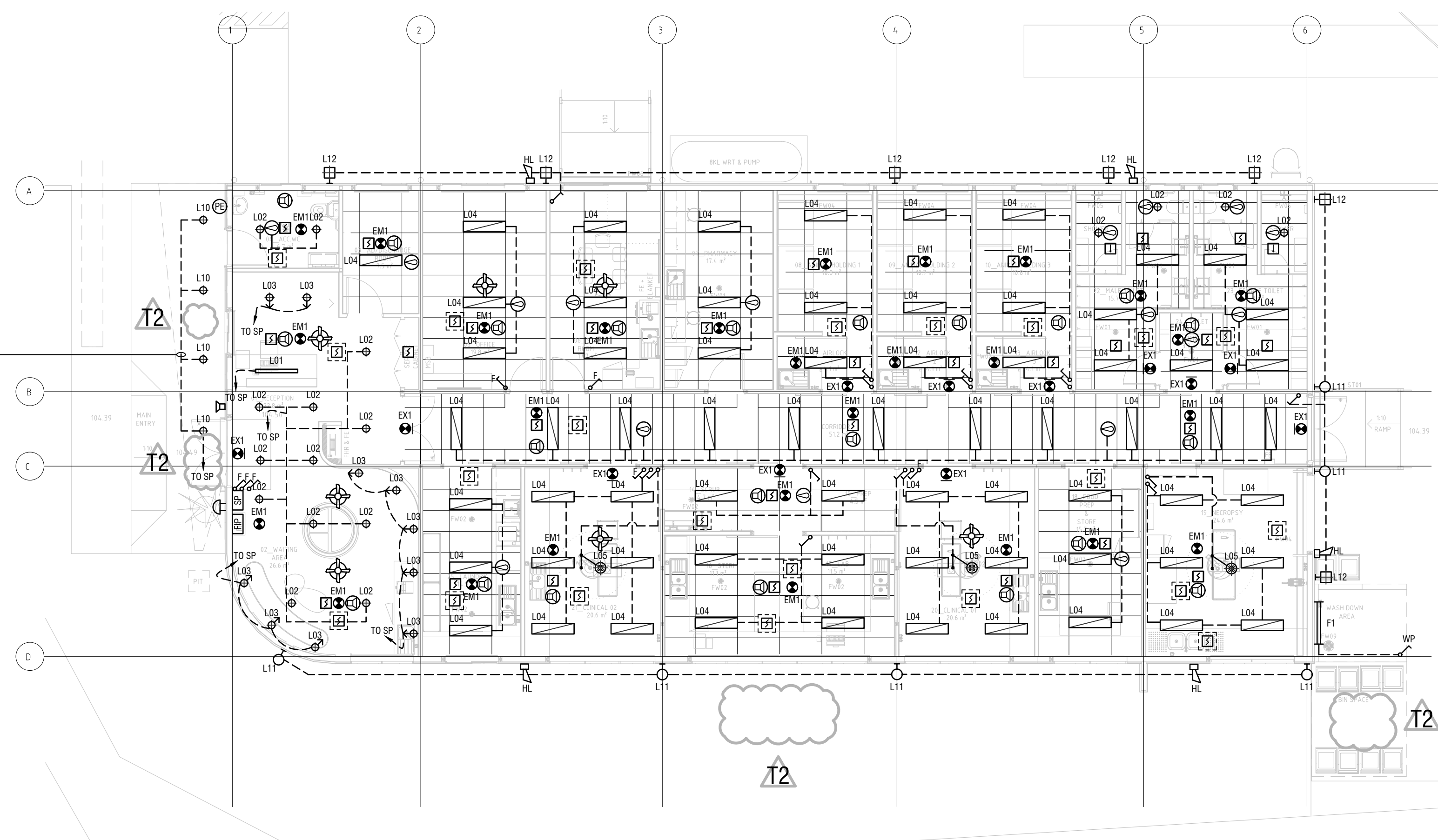
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Drawn: DVT	Service: ELECTRICAL SERVICES Drawing Title: SITE PLAN LIGHTING & POWER RETICULATION LAYOUT	Work Stage: TENDER	Revision: T2
Designed: NH		Scale: 1:250	Drawing Number: E050
Approved: RP		Sheet: A1	Job Number: 8993
Doc Control: MB			

NOTE:

1. COORDINATE LIGHTING LAYOUT WITH ARCHITECTURAL REFLECTED CEILING PLAN.
2. PROVIDE CONCEALED SPACE SMOKE DETECTORS WITHIN 1.5m FROM ANY MECHANICAL EQUIPMENT IN THE CEILING SPACE EXCEEDING A RATING OF 100W.

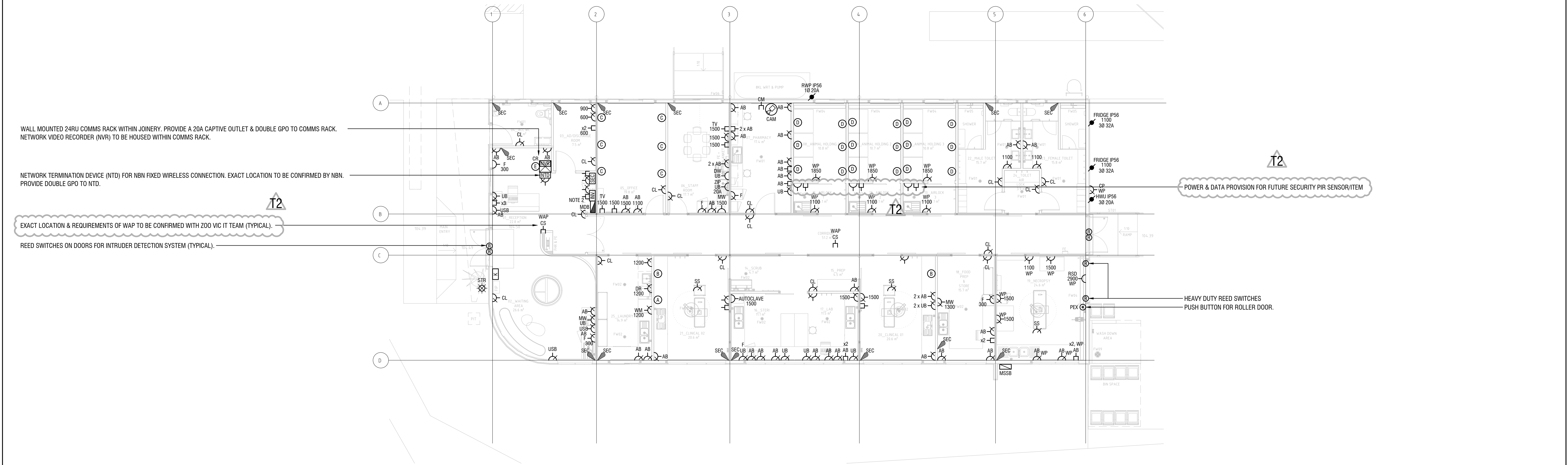


EXTERNAL LIGHTING (L10, L11 & L12) TO BE ON A OVER-RIDING MANUAL SWITCH, PE CELL & TIMER CONTROLLED CIRCUIT (TYPICAL).

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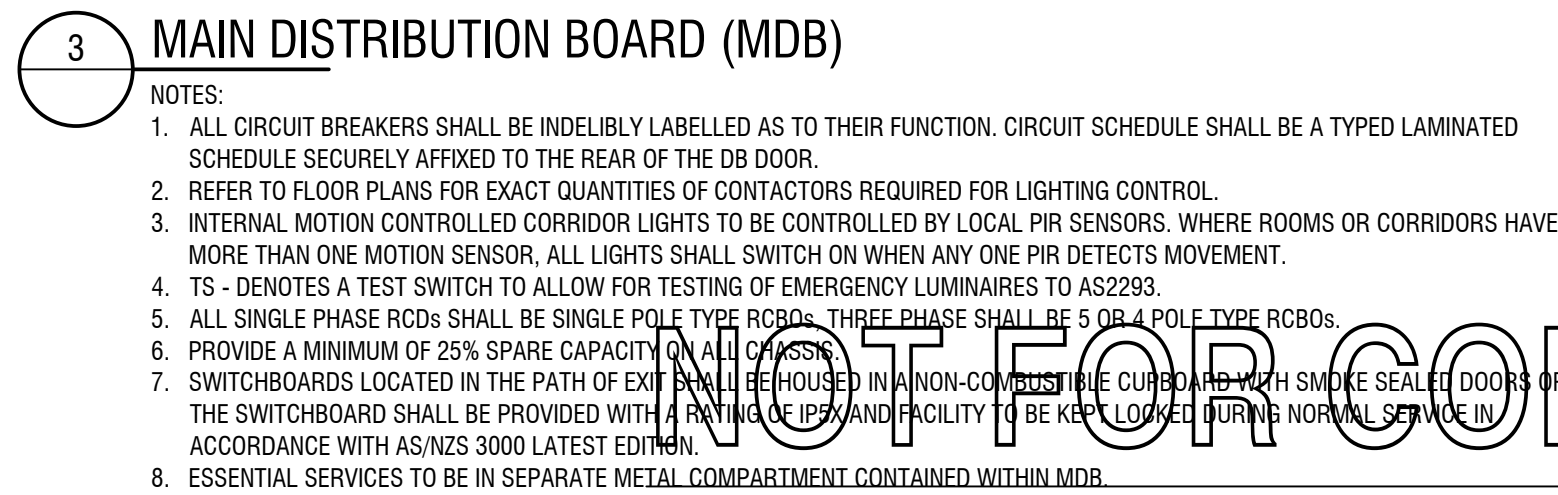
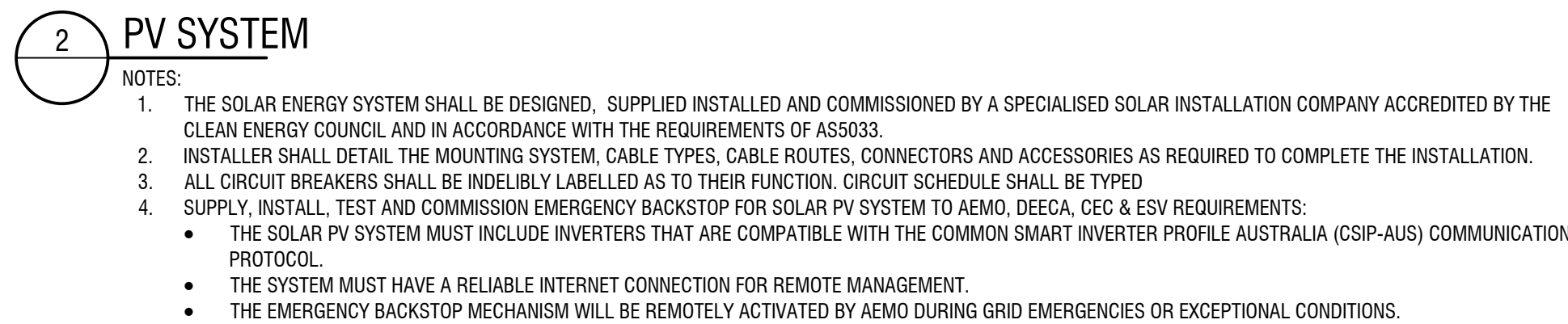
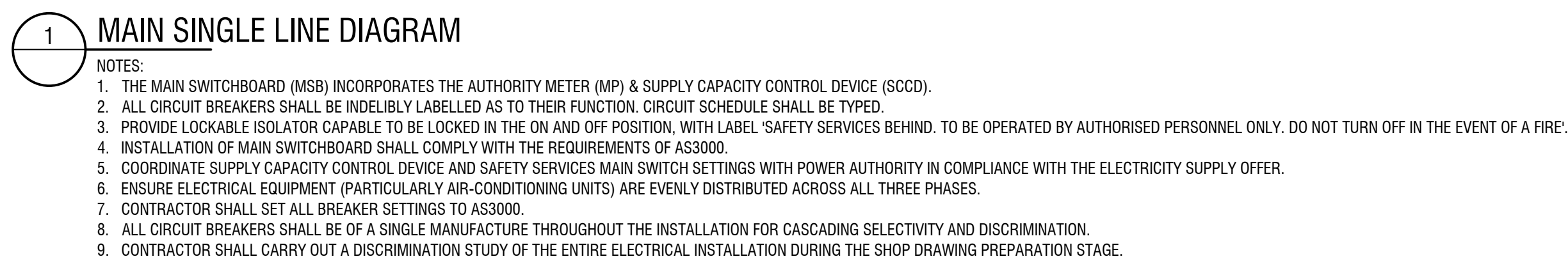
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NOTE:
1. REFER TO ARCHITECTURAL DOCUMENTATION FOR LOCATION/QUANTITY OF OUTLETS & JOINERY DETAILS.
2. MAIN DISTRIBUTION BOARD (MDB) TO BE HOUSED WITHIN A NON-COMBUSTIBLE ENCLOSURE WITH SMOKE SEALED DOORS. PV INVERTER TO BE PROVIDED WITH A DGPO & DATA OUTLET FOR THE EMERGENCY BACKSTOP MODULE.

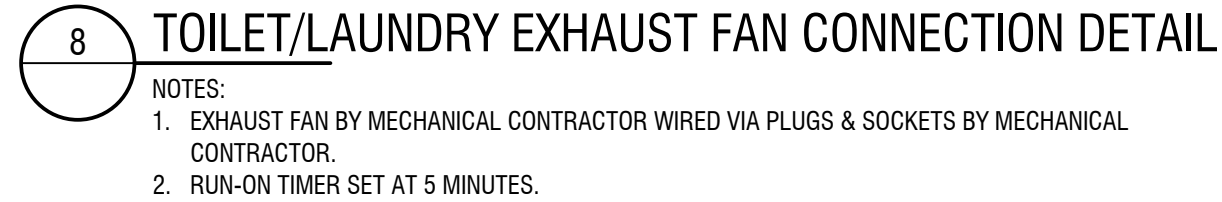
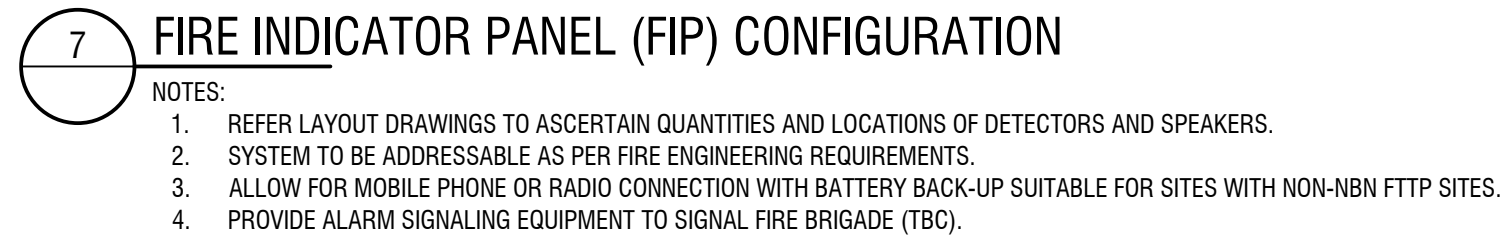
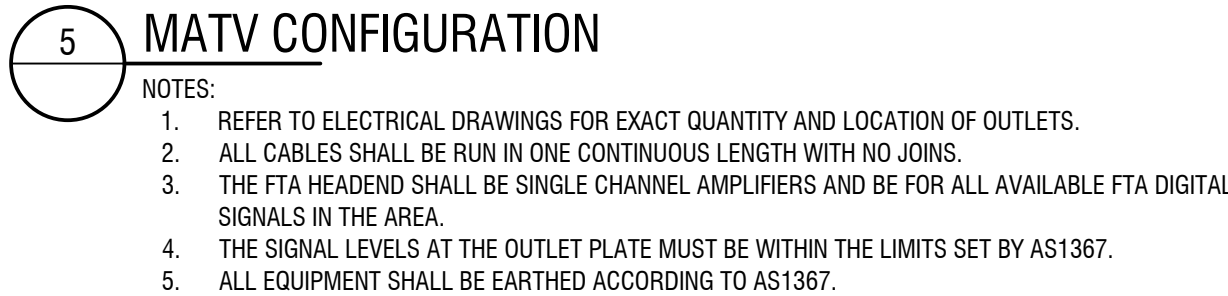
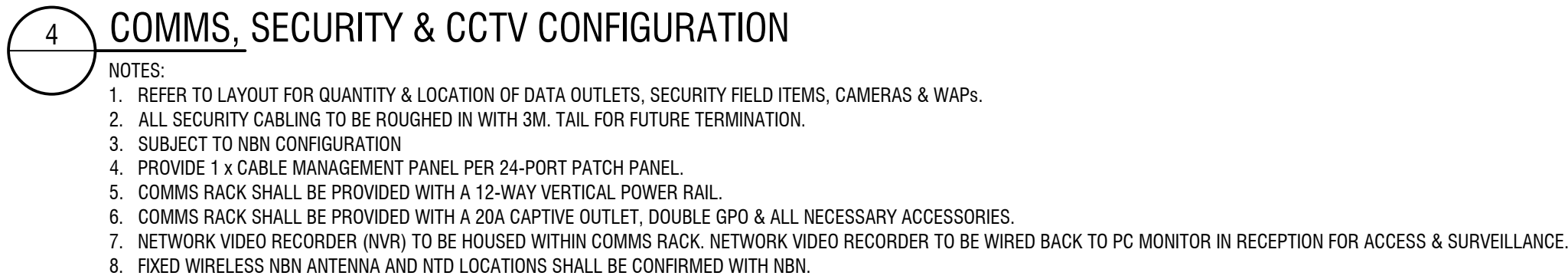


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Rev No.	Amendment	Date	Drawn	Designed	Approved	Rev No.	Amendment	Date	Drawn	Designed	Approved	Direction of North:	Project Manager:	Architect:	Structural Engineer:	Civil Engineer:	NJM DESIGN	Project Title:	Drawn:	Service:	Work Stage:	Revision:		
P1	PRELIMINARY ISSUE	13.09.24	DVT	NH	-								-	INNVOVA GROUP	-	-	-	L18, 350 Queen Street Melbourne VIC 3000 mail@njmdesign.com.au	WILDLIFE HOSPITAL KYABRAM	DVT	ELECTRICAL SERVICES	TENDER	T2	
P2	PRE-TENDER ISSUE	14.10.24	DVT	NH	RP								-						75 LAKE ROAD	Designed:				
0	TENDER ISSUE	20.11.24	DVT	NG	RP														KYABRAM, VIC 3620	NH	Drawing Title:		Scale:	E200
T1	REVISED TENDER ISSUE	31.07.26	DVT	SN	RP															Approved:	GROUND FLOOR PLAN		Sheet:	
T2	REVISED TENDER ISSUE	13.08.26	DVT	SN	RP															RP	POWER & COMMS LAYOUT		Job Number:	
																			Doc Control:					
																			MB					



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P1	PRELIMINARY ISSUE	13.09.24	DVT	NH	-								-	WILDLIFE HOSPITAL KYABRAM 75 LAKE ROAD KYABRAM, VIC 3620 Client: ZOO'S VICTORIA	ELECTRICAL SERVICES	TENDER	T2											
P2	PRE-TENDER ISSUE	14.10.24	DVT	NH	RP								Architect:			Scale:	Drawing Number:											
0	TENDER ISSUE	20.11.24	DVT	NG	RP								INNOMA GROUP			NTS	E300											
T1	REVISED TENDER ISSUE	31.07.26	DVT	SN	RP								Structural Engineer:															
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