



MATAKANA SAWMILL
362 MATAKANA VALLEY ROAD
MATAKANA

ELECTRICAL SERVICES
EMERGENCY LIGHTING



ELECTRICAL
ENGINEERING
DESIGN AND
CONSULTING LTD

www.eedc.co.nz

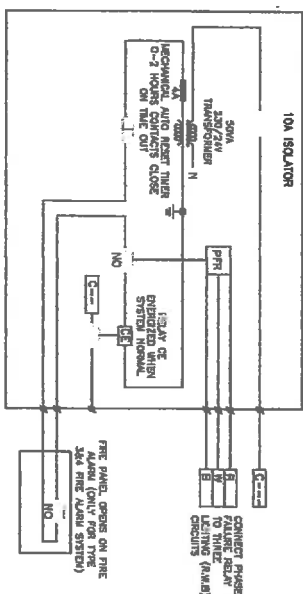
PROJECT REF: 17029

EMERGENCY ILLUMINATION
ILLUMINATED EXIT SIGN

[illegible]

1. THIS DOCUMENT IS PREPARED BY EDC LTD ON BEHALF OF CLIENTS/HOUSES. ALL NOTES APPLY TO ALL DRAWINGS.
2. EMERGENCY LIGHTING DESIGN IS BASED ON AVAILABLE INFORMATION SUCH AS ARCHITECTURAL DRAWINGS AND THE FIRE EXISTING REPORT. ETC. WHERE INFORMATION IS NOT AVAILABLE, ASSUMPTIONS ARE MADE BASED ON STANDARD PRACTICE AND OTHER AVAILABLE INFORMATION. TO MAKING AN ORDER, CONTROL CLOSET THE, MINIMAL, CLANG SPACE, THE MOUNTING TYPE OF EMERGENCY LIGHT IS APPROPRIATE.

3. THE DEDUCTOR AND ASSOCIATED FEATURES SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, STRUCTURAL, SERVICES DRAWINGS AND THE PILE DRIVING RECORD.
4. ALLOW FOR COORDINATION WITH OTHER SERVICES, WHICH SHALL BE DONE ON SITE.
5. SAFETY AND INSTALL A EMERGENCY STOPPING SYSTEM AS SET FORTH IN THE PROPOSED, THE DEDUCTOR STOPPING SYSTEM SHALL COMPLY IN ALL ASPECTS WITH A223 AND NIOSH FS 4.9.
6. ALL ELECTRICAL INSTALLATION SHALL COMPLY WITH A415/30.4.
7. WHERE REQUIRED, PROVIDE STATIC RESISTANCE AS PER NIOSH 401.9, WHERE PROVIDED AS A REQUIREMENT, DESIGN SHALL BE OBTAINED FROM THE QUALIFIED ENGINEER ALONG WITH ASSOCIATED PRODUCTION STANDARDS AS REQUIRED BY THE COUNCIL.
8. FITTING SHALL BE APPLIED COMPLETE WITH ALL EQUIPMENT, INCLUDING WELPS, BATTERY UNITS ETC. AND NECESSARY TO SUPPORT 1200 LUNTERS OF DISPOSITION UNDER FULL POWER FAILURE OF THE CONNECTED SYSTEMS LOADING CONDITION.
9. EMERGENCY POWER SUPPLY TYPE NON-MAINTAINED UNLIMITED EXT. SPIN SHALL BE CONNECTED TO BOTH THE LOSS OF NORMAL POWER SUPPLY, STOPPING CHARGE AND TO THE SAME DISPOSITION CHECKED IN ADDITION TO THE EMERGENCY STOPPING CHARGE AND TO THE SAME DISPOSITION. EXT. SPIN SHALL BE OF UNLIMITED TYPE.
10. DEDUCTOR AND EXT. LUNTERS SHALL BE AS SPECIFIED AND NO ALTERNATIVES IS ALLOWED. THE DEDUCTOR SHALL BE PROVIDED WITH A STOPPING CHARGE AND TO THE SAME DISPOSITION INSTRUCTION AND RECOMBINATION FOR THE INSTALLATION OF FITTING AND PARTS.
11. DEDUCTOR AND EXT. LUNTERS SHALL BE THE DRAWINGS PLACED ABOVE THE DRAWINGS SHALL BE ALLOWED TO REMAIN ABOVE THE DRAWING.
12. THE PRESS TO TEST BUTTON OF A DEDUCTOR AND EXT. LUNTERS SHALL BE ACCESSIBLE AS WELL AS VISIBLE.
13. PROVIDE SAVING LEADS SUFFICIENTLY ADJUSTED TO THE CIRCUIT BREAKERS CONNECTED TO THE PHASE FALLOUT LEADS, THE CONTROL, AND STOP EMERGENCY STOPPING SYSTEMS WARNING DISTRIBUTION SUPPLY WILL OBTAIN EMERGENCY STOPPING SYSTEMS.
14. THE CONTRIBUTION TO PROVIDE ALL KNOWLEDGE, SOFTWARE AND MEMORANDUM TO ACHIEVE A FULLY OPERATIONAL AND FUNCTIONAL SYSTEM.
15. THE ELECTRICAL CONTRACTOR SHALL ALLOW IN HIS TENDER TO HAVE THE DEDUCTOR AND EXT. LUNTERS CODE PER A INDEPENDENTLY QUALIFIED PERSON AS DEMAND REQUIRED BY THE NZ BUILDING CODE PER A COMPLIANCE SCHEDULE.



TYPICAL EMERGENCY LIGHTING TEST CIRCUIT

[illegible]

CONSULTANT:



**ELECTRICAL,
ENGINEERING
DESIGN AND
CONSULTING LTD**

Client:

CLEVERTRONICS

Project

**MATAKANA SAWMILL,
EMERGENCY LIGHTING**

DRAWING TITLE

LEGEND, NOTES,
SINGLE LINE DIAGRAM &
CALCULATION SUMMARY

DESIGNED :	RL	VERIFIED :	RL
DRAWN :	RL	APPROVED FOR ISSUE :	-
SCALE :	MYS	APPROVED FOR CONSTRUCTION :	-

6 THE INDEX, TRAINING AND OF CHANDLER CO., LTD.



All light levels were greater or the same as the design and were still on after 2 hrs

Simon Taylor
Dawco Electrical
Simon Taylor

CONSULTANT		CLIENT		PROJECT		DRAWING TITLE	
ELECTRICAL ENGINEERING DESIGN AND CONSULTING LTD		CLEVERTRONICS		MATAKANA SAWMILL EMERGENCY LIGHTING		EMERGENCY LIGHTING LAYOUT & LUX PLOT	
							
PROJECT NO: 1001 DRAWING NO: 1001-01 DATE: 10/10/2010 SCALE: 1:50 PROJECT LOCATION: 1001-01 PROJECT DESCRIPTION: 1001-01 PROJECT STATUS: 1001-01 PROJECT TYPE: 1001-01 PROJECT VALUE: 1001-01 PROJECT OWNER: 1001-01 PROJECT MANAGER: 1001-01 PROJECT ENGINEER: 1001-01 PROJECT DESIGNER: 1001-01 PROJECT CHECKER: 1001-01 PROJECT APPROVER: 1001-01 PROJECT REVIEWER: 1001-01 PROJECT REVISION: 1001-01 PROJECT COMMENTS: 1001-01 PROJECT NOTES: 1001-01 PROJECT DETAILS: 1001-01 PROJECT SPECIFICATIONS: 1001-01 PROJECT STANDARDS: 1001-01 PROJECT CODES: 1001-01 PROJECT REFERENCES: 1001-01 PROJECT SOURCES: 1001-01 PROJECT MATERIALS: 1001-01 PROJECT EQUIPMENT: 1001-01 PROJECT TOOLS: 1001-01 PROJECT SOFTWARE: 1001-01 PROJECT HARDWARE: 1001-01 PROJECT NETWORK: 1001-01 PROJECT SECURITY: 1001-01 PROJECT ACCESS: 1001-01 PROJECT EGRESS: 1001-01 PROJECT ENTRANCE: 1001-01 PROJECT EXIT: 1001-01 PROJECT STAIRS: 1001-01 PROJECT LIFT: 1001-01 PROJECT ELEVATOR: 1001-01 PROJECT ESCALATOR: 1001-01 PROJECT RAMP: 1001-01 PROJECT DRIVEWAY: 1001-01 PROJECT PARKING: 1001-01 PROJECT LOADING: 1001-01 PROJECT UNLOADING: 1001-01 PROJECT STORAGE: 1001-01 PROJECT WAREHOUSE: 1001-01 PROJECT FACTORY: 1001-01 PROJECT OFFICE: 1001-01 PROJECT SHOP: 1001-01 PROJECT RESTAURANT: 1001-01 PROJECT CAFE: 1001-01 PROJECT BAR: 1001-01 PROJECT CLUB: 1001-01 PROJECT GYM: 1001-01 PROJECT SPA: 1001-01 PROJECT HOTEL: 1001-01 PROJECT RESORT: 1001-01 PROJECT VILLA: 1001-01 PROJECT APARTMENT: 1001-01 PROJECT HOUSE: 1001-01 PROJECT GARAGE: 1001-01 PROJECT DRIVE: 1001-01 PROJECT ROAD: 1001-01 PROJECT BRIDGE: 1001-01 PROJECT TUNNEL: 1001-01 PROJECT CANAL: 1001-01 PROJECT RIVER: 1001-01 PROJECT LAKE: 1001-01 PROJECT OCEAN: 1001-01 PROJECT MOUNTAIN: 1001-01 PROJECT HILL: 1001-01 PROJECT VALLEY: 1001-01 PROJECT PLAIN: 1001-01 PROJECT DESERT: 1001-01 PROJECT JUNGLE: 1001-01 PROJECT FOREST: 1001-01 PROJECT PARK: 1001-01 PROJECT GARDEN: 1001-01 PROJECT YARD: 1001-01 PROJECT LOT: 1001-01 PROJECT PLOT: 1001-01 PROJECT SITE: 1001-01 PROJECT 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