

SYMBOLS LEGEND

- EP — POWER DISTRIBUTION - NEW
- EP E — POWER DISTRIBUTION - EXISTING TO REMAIN
- EP — POWER DISTRIBUTION - TO BE DELETED
- METER — ELECTRICAL METER - NEW
- METER — ELECTRICAL METER - TO BE DELETED
- MSB — ELECTRICAL MAIN SWITCHBOARD - NEW
- MSB — ELECTRICAL MAIN SWITCHBOARD - EXISTING TO REMAIN
- E — SINGLE PIT - NEW E=ELECTRICAL C=COMMUNICATIONS

NOTES :-

- APPROVAL FROM THE PORTS VICTORIA SHOULD BE OBTAINED PRIOR TO START OF ANY WORK

N

REV	DESCRIPTION OF ISSUE	DATE	INITIAL

1:500	5m	10m	20m	30m	40m				
1:250	1m	2m	5m	10m	15m	22.5m			
1:200	1m	2m	3m	5m	7.5m	10m	14m	18m	
1:100	1m	2m	3m	4m	5m	6m	7m	8m	9m

Notes

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3. CONTRACTOR TO REFER TO ARCHITECT'S REFLECTED CEILING PLANS & DETAIL DRAWINGS FOR EXACT LOCATION OF FITTINGS AND EQUIPMENT.
4. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
5. THIS DRAWING IS REQUIRED TO BE PRINTED IN COLOUR. FAILURE TO DO SO MAY RESULT IN LOSS OF INFORMATION.

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consulting engineers BRT

Project
POINT LONSDALE ELECTRICAL WORKS
9-13 POINT LONSDALE ROAD
POINT LONSDALE VIC

Title
ELECTRICAL SERVICES
SITE LAYOUT

Scale	Creation Date	Drafter	Engineer	Director
1:200 @ A1	24.07.2025	PN	DJM/GM	MGD

Stage Description	Job No	Dwg No	Stage	Rev.
CD=CONTRACT DOCUMENTATION	12063	E100	CD	01

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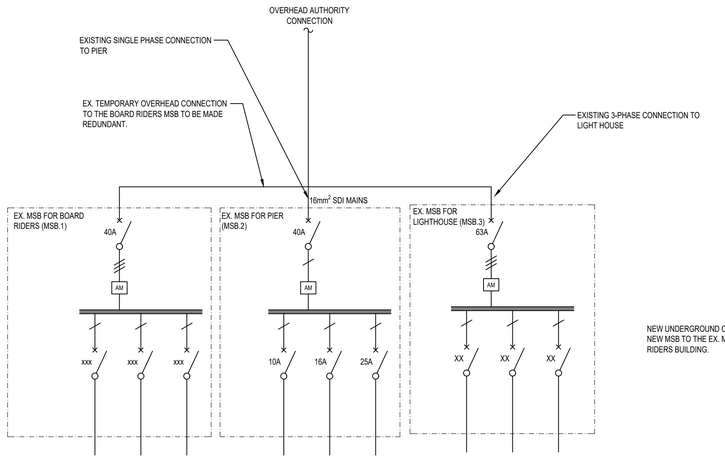


DIAGRAM N.T.S (A)

EXISTING ELECTRICAL CONNECTIONS

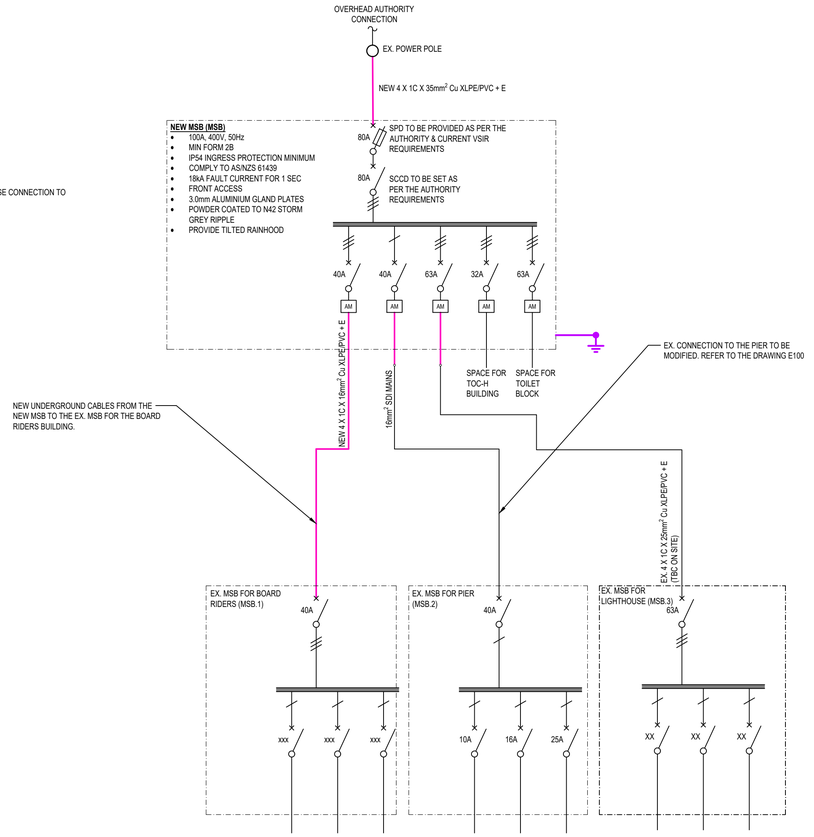
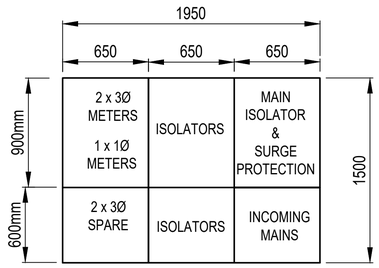


DIAGRAM N.T.S (B)

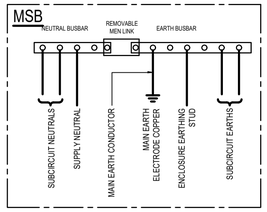
PROPOSED ELECTRICAL CONNECTIONS



DETAIL NTS (E)

MAIN SWITCHBOARD

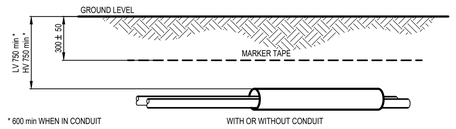
NOTE
DIMENSIONS SHOWN INDICATIVE ONLY.



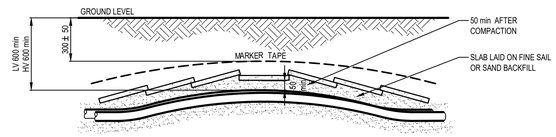
DETAIL (C)

EARTHING DETAIL

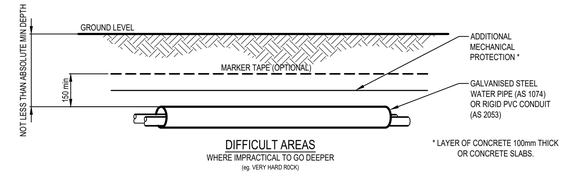
1. THE EARTHING SYSTEM SHALL COMPLY TO AS/NZS 3000 REQUIREMENTS.
2. ALL EARTH CABLES COPPER AND PVC (GREEN/YELLOW) INSULATED.



DIRECT BURIED WITH MARKER TAPE



BURIED WITH MECHANICAL PROTECTION
WHERE IMPRACTICAL TO GO DEEPER



DETAIL NTS (D)

TYPICAL UNDERGROUND CABLE INSTALLATION IN TRENCH ARRANGEMENTS

REV	DESCRIPTION OF ISSUE	DATE	INITIAL
1:500	5m 10m 20m 30m 45m		
1:250	1m 2m 5m 10m 15m 22.5m		
1:200	1m 2m 3m 5m 7.5m 10m 14m 18m		
1:100	1m 2m 3m 4m 5m 6m 7m 8m 9m		

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Project
POINT LONSDALE ELECTRICAL WORKS
9-13 POINT LONSDALE ROAD
POINT LONSDALE VIC

Title
ELECTRICAL SERVICES
SINGLE LINE DIAGRAM

Scale	Creation Date	Drafter	Engineer	Director
AS NOTED @ A1	24.07.2025	PN	DJM/GM	MGD

Stage Description	Job No	Dwg No	Stage	Rev.
CD=CONTRACT DOCUMENTATION	12063	E200	CD	01

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