

# ELECTRICAL WORK

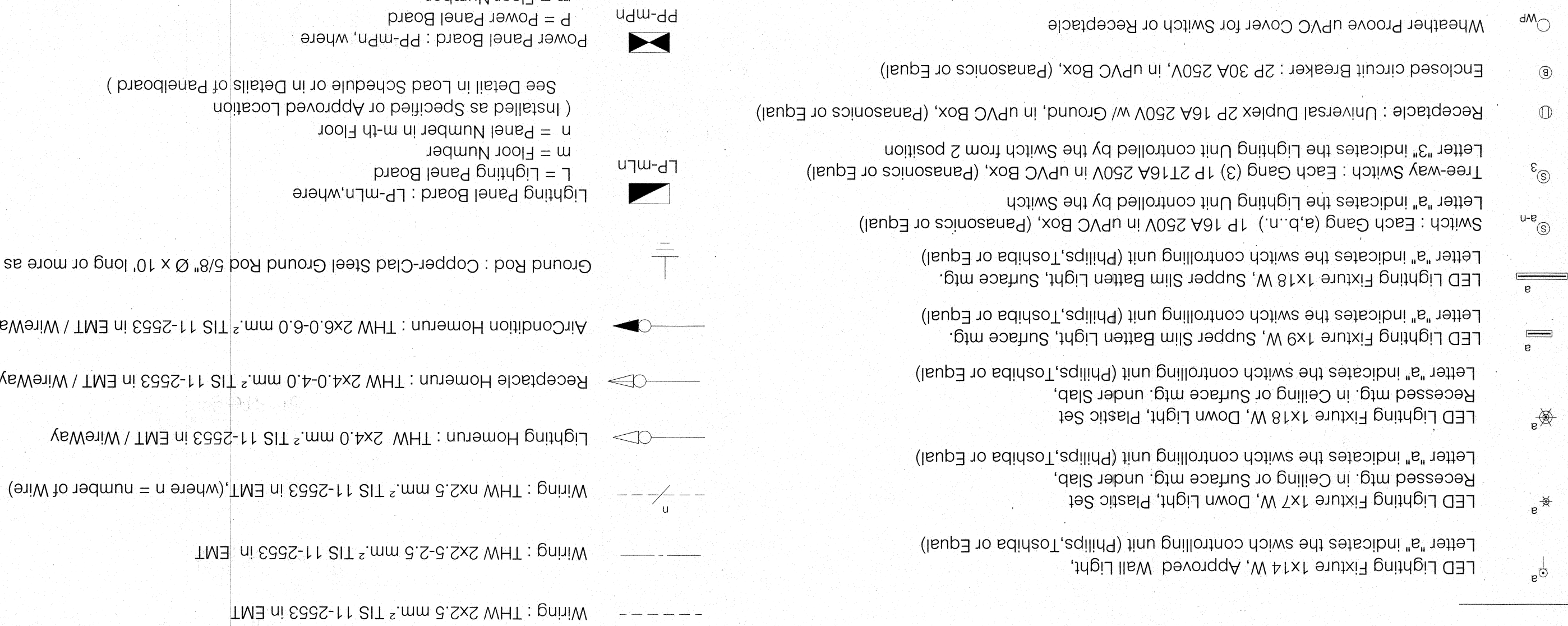


Load Estimated

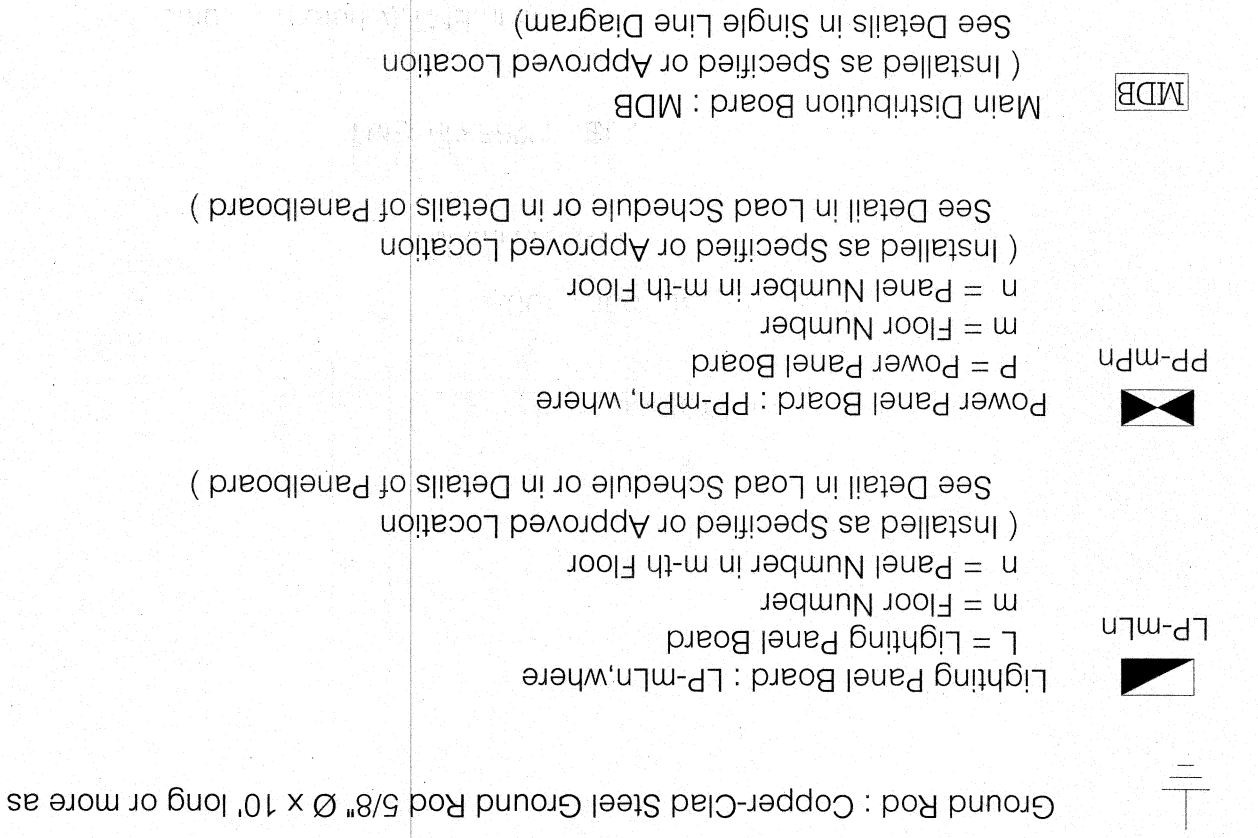
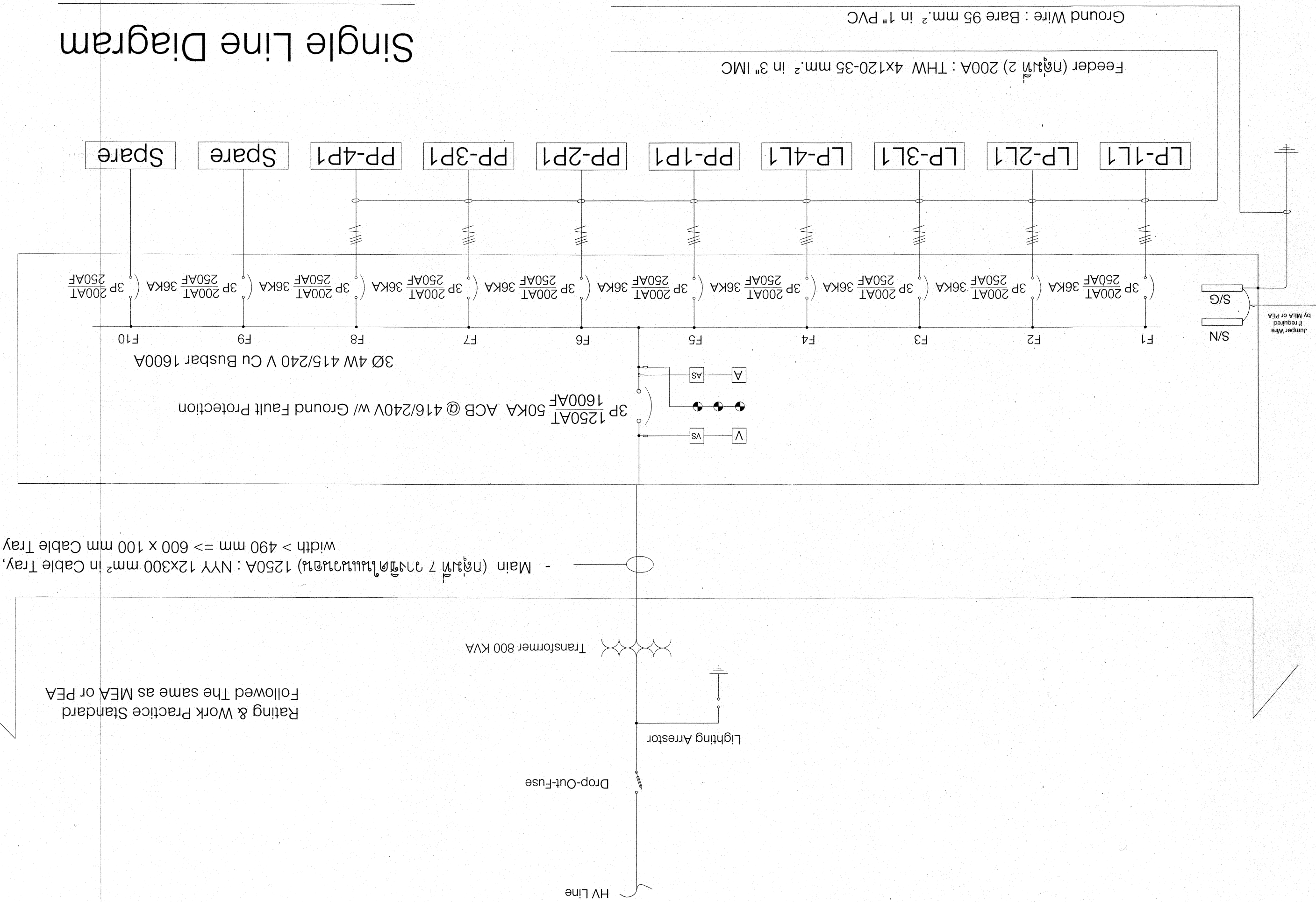
## Details of Panel Board

Lighting Panel Board: (LP-1L1,LP-2L1,LP-3L1,LP-4L1)  
48P 3Ph 4W 415/240V 250A BUSBAR  
1-3P 200AT 250AF 25KA MCCB for Main Circuit Breaker  
36-1P 16AT 63AF 6KA MCB for Ligs,Recps,Spare  
12-1P 32AT 63AF 6KA MCB for A/C,Spare  
Power Panel Board: (PP-1P,PP-2P,PP-3P,PP-4P1)  
48P 3Ph 4W 415/240V 250A BUSBAR  
1-3P 200AT 250AF 25KA MCCB for Main Circuit Breaker  
36-1P 32AT 63AF 6KA MCB for A/C, Equipment, Spare  
6-1P 40AT 63AF 6KA MCB for Equipment, Spare  
2-3P 63AT 63AF 6KA MCB for Equipment,Spare  
Full Load Current (I<sub>L</sub>): 1,159.40 A  
Continuous Load Current: 1,449.28 A  
Transformer: 800 KVA @ 400/230V  
IEC Load Step: 1,250 A  
Continuous Load: 1,288 A  
Effective Load: 1,030 A  
Effective Area: 960 m<sup>2</sup>  
Effective Area: 840 m<sup>2</sup>  
Building Load:  
IEC Load Step: 300 A => 200A + 200A  
Continuous Load: 308 A  
Continuous Load: 246.67 A  
Effective Load: 177.600 VA = 246.67 A  
Effective Area: 960 m<sup>2</sup>

## LEGEND



## Single Line Diagram

[illegible]