



**Legend and Notes**

Cable 1 - 25mm<sup>2</sup> x 4 Core SWA copper cable  
 Cable 3 - 6 mm<sup>2</sup> x 3 Single Core Cu Cable in Conduit  
 Cable 4 - 6 mm<sup>2</sup> x 3 Single Core Cu Cable in Conduit  
 Cable 5 - 6 mm<sup>2</sup> x 4 Core SWA Cu Cable  
 Cable 6 - 6 mm<sup>2</sup> x 4 Core SWA Cu Cable  
 Cable 7 - 6 mm<sup>2</sup> x 4 Core SWA Cu Cable  
 Cable 8 - 6 mm<sup>2</sup> x 4 Core SWA Cu Cable

Lightning Arrestor  
 Combined Class 1 and 2

Single phase 5A breaker 1 Pole  
 5A

63A Isolator 2P

Fuse 2P

Isolator 2P with socket outlet  
 32A

Earth

Single phase breaker 2 Pole  
 10A 2P

ABB M2M Power Meter  
 KW

Bar Primary CT  
 T1

# For Quotation only

Project: AVN Ghana		Item Number: A0218-3065		
Drawing number: A0218-3065-007		ECP No: N/A	Rev: 1	
Author: Ruzve Majinjiva		Date: 07/04/2020		
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Accepted by:	Ruzve Majinjiva	Electrician		
Approved by:	Scarre Celliers	Senior Systems Engineer		
	Craig Smith	Functional Manager Electrical		
Drawing Name: Maser Building Power Supply Single line Diagram				Page 1 of 1

