

### EXISTING PANELBOARD 5

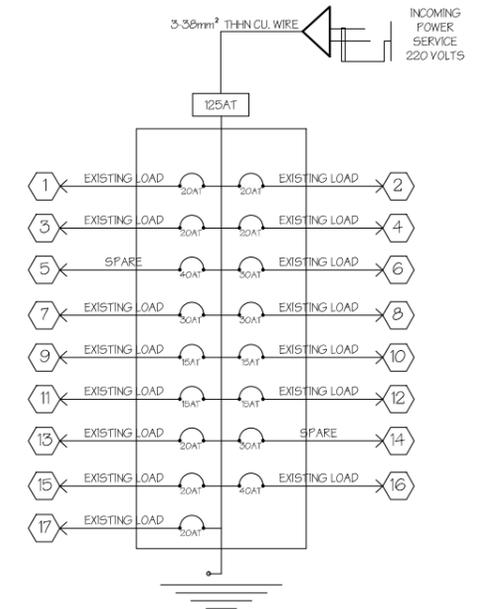
CKT. NO.	LOAD DESCRIPTION	QTY.	VOLTAGE	TOTAL VA	AMP/CKT	AMP/PHASE			CKT.PROTECTION		WIRE		CONDUIT	
						AB	BC	CA	AT	AF	mm.sq	TYPE	mm	TYPE
1	EXISTING LOAD		220					20	50	2 - 3.5	THHN	20	PVC	
2	EXISTING LOAD		220					20	50	2 - 3.5	THHN	20	PVC	
3	EXISTING LOAD		220					20	50	2 - 3.5	THHN	20	PVC	
4	EXISTING LOAD		220					20	50	2 - 3.5	THHN	20	PVC	
5	SFARE		220					40	50					
6	EXISTING LOAD		220					30	50	3 - 5.5	THHN	20	PVC	
7	EXISTING LOAD		220					30	50	3 - 5.5	THHN	20	PVC	
8	EXISTING LOAD		220					30	50	3 - 5.5	THHN	20	PVC	
9	EXISTING LOAD		220					15	50	2 - 3.5	THHN	20	PVC	
10	EXISTING LOAD		220					15	50	2 - 3.5	THHN	20	PVC	
11	EXISTING LOAD		220					15	50	2 - 3.5	THHN	20	PVC	
12	EXISTING LOAD		220					15	50	2 - 3.5	THHN	20	PVC	
13	EXISTING LOAD		220					20	50	2 - 3.5	THHN	20	PVC	
14	SFARE		220					30	50					
15	EXISTING LOAD		220					20	50	2 - 3.5	THHN	20	PVC	
16	EXISTING LOAD		220					40	50	3 - 5.5	THHN	20	PVC	
17	EXISTING LOAD		220					20	50	2 - 3.5	THHN	20	PVC	
TOTAL						21	6	19						

FOR FEEDER CONDUCTOR

3 - 38mm.sq. THHN CU. WIRE IN 65mm PVC PIPE

FOR FEEDER PROTECTION

125AT, 200AT THREE PHASE, 220V, 60HZ, MCCB BOLT ON TYPE



EXISTING PANEL BOARD 5 DIAGRAM

### PROPOSED PANELBOARD 5

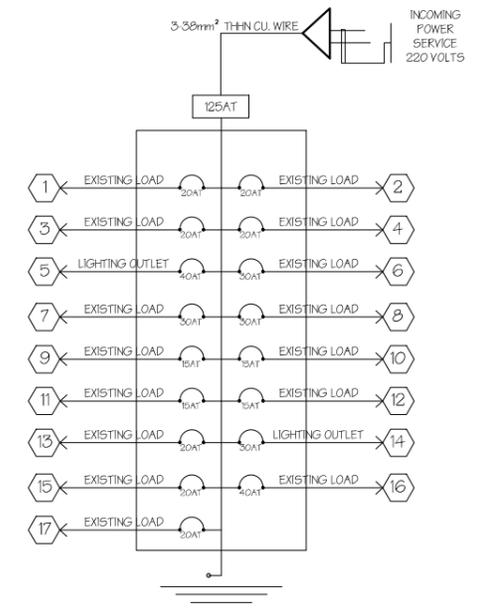
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						AB	BC	CA	AT	AF	mm.sq	TYPE	mm	TYPE
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3	EXISTING LOAD		220					20	50	2 - 3.5	THHN	20	PVC	
4	EXISTING LOAD		220					20	50	2 - 3.5	THHN	20	PVC	
5	LIGHTING OUTLET	16	220	1600	7.27			40	50	2 - 2.0	THHN	20	PVC	
6	EXISTING LOAD		220					30	50	3 - 5.5	THHN	20	PVC	
7	EXISTING LOAD		220					30	50	3 - 5.5	THHN	20	PVC	
8	EXISTING LOAD		220					30	50	3 - 5.5	THHN	20	PVC	
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14	LIGHTING OUTLET	16	220	1600	7.27			30	50	2 - 2.0	THHN	20	PVC	
15	EXISTING LOAD		220					20	50	2 - 3.5	THHN	20	PVC	
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17	EXISTING LOAD		220					20	50	2 - 3.5	THHN	20	PVC	

FOR FEEDER CONDUCTOR

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FOR FEEDER PROTECTION

125AT, 200AT THREE PHASE, 220V, 60HZ, MCCB BOLT ON TYPE



PROPOSED PANEL BOARD 5 DIAGRAM



R.A. 9266 - ART. 3, SECTION 20

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PROJECT TITLE:  
**PROPOSED IMPROVEMENT FOR THE RICE ENGINEERING AND MECHANIZATION DIVISION**  
PHILRICE-CES  
MALIGAYA SCIENCE CITY OF MUNOZ, NUEVA ECUIJA

PRODUCED BY:  
PHYSICAL PLANT DIVISION  
INFRASTRUCTURE UNIT  
PHILRICE  
SCIENCE CITY OF MUNOZ, NUEVA ECUIJA

DESIGN BY:

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END USER:

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PHILRICE - CES

RECOMMENDING APPROVAL:

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PHILRICE - CES

APPROVED:

DR. SAULILA E. ABDULA  
EXECUTIVE DIRECTOR  
PHILRICE - CES

DESIGNED BY: RBB

DATE: JULY 2018

CADD BY: JOY

DATE: JULY 2018

CHECKED BY: RBB

SHEET NUMBER:

E9

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