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CIR "A/C": 400A - MLO - 120/240V - 1ø - 4W 10K A.I.C. - FLUSH - 40 SLOT											
CIR Nr.	LOCATION	TRIP/ POLES	WIRE SIZE	LOAD	L1 KW	L2 KW	LOAD	WIRE SIZE	TRIP/ POLES	LOCATION	CIR Nr.
1	CU Nr.1	40A/2P	8TW	(269)	5.40		5.40	4/TW	60A/2P	AHU Nr.1	2
3	W/ CIR. Nr.1	"	"	(269)		5.40	5.40	"	-	W/ CIR. Nr.2	4
5	CU Nr.2	40A/2P	"	(236)	5.40		5.40	"	60A/2P	AHU Nr.2	6
7	W/ CIR. Nr.5	"	"	(236)		5.40	5.40	"	-	W/ CIR. Nr.6	8
9	CU Nr.3	30A/2P	10TW	(143)	3.90		3.90	6TW	50A/2P	AHU Nr.3	10
11	W/ CIR. Nr.9	"	"	(143)		3.90	3.90	"	-	W/ CIR. Nr.10	12
13	CU Nr.4	40A/2P	8TW	(269)	5.40		5.40	4TW	60A/2P	AHU Nr.4	14
15	W/ CIR. Nr.13	"	"	(269)		5.40	5.40	"	-	W/ CIR. Nr.14	16
17	CU Nr.5	40A/2P	"	(236)	5.40		5.40	"	60A/2P	AHU Nr.5	18
19	W/ CIR. Nr.17	"	"	(236)		5.40	5.40	"	-	W/ CIR. Nr.18	20
21	CU Nr.6	30A/2P	10TW	(143)	3.90		3.90	6TW	50A/2P	AHU Nr.6	22
23	W/ CIR. Nr.21	"	"	(143)		3.90	3.90	"	-	W/ CIR. Nr.22	24
25	SFARE	-	-	Ø54	1.08		Ø54	-	-	SFARE	26
27	"	-	-	Ø54		1.08	Ø54	-	-	"	28
29	"	-	-	Ø54	1.08		Ø54	-	-	"	30
31	"	-	-	Ø54		1.08	Ø54	-	-	"	32
33	SFARE	-	-	Ø0	Ø0		Ø0	-	-	SFARE	34
35	"	-	-	Ø0		Ø0	Ø0	-	-	"	36
37	"	-	-	Ø0	Ø0		Ø0	-	-	"	38
39	"	-	-	Ø0	Ø0		Ø0	-	-	"	40
L1	3156 KW / 120 V = 263.0 AMPERS				3156	3156					
L2	3156 KW / 120 V = 236.0 AMPERS										
FEEDER SIZE: 2 * 300MCM - THW - Cu, 1 * 4/0 - THW - Cu - Neut. 1 * 1/0 - Cu - GND, 3" C.											

LOAD	L1 KW	L2 KW
PANEL "L"	1321	1136
PANEL "P"	1750	1540
PANEL "AC"	3156	3156
SUB-TOTAL:	6227	5832
+25% L.M.	068	068
TOTAL LOAD:	6295	5900
L1	62.95 KW / 120 V = 524.6 AMPER	
L2	59.00 KW / 120 V = 491.7 AMPER	

for: **JUITY CHURCH**
IDA
E6



SCALE: NONE

ELECTRICAL NOTES: General

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N

**NICHOLAS
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N.C.A.R.B. Certified

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DATE: 30 JUL 2012

COMMIT: 2K1239

SHEET: E.2
~~S.3~~
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