KEESKVL1
VOLTS 120/208
PHASE 3Ø, 4W
W/G SURFACE

PANELBOARD P81
LOCATION ELECT. ROOM #6

PROJECT NO. 270.032
MAIN 300A/3P
BUS 400A

CKT	A	B	C	LOAD (VA) TYPE	BKR	QUAN	OUTLET DESCRIPTION	CKT	A	B	C	LOAD (VA) TYPE	BKR	QUAN	OUTLET DESCRIPTION
1	1000			G	20/1	2	COMPUTER RECEPTS.	2		1500		G	20/1	3	COMPUTER RECEPTS.
3		1000		G	20/1	2	COMPUTER RECEPTS.	4			1500	G	20/1	3	COMPUTER RECEPTS.
5			500	G	20/1	1	COMPUTER RECEPT.	6		1500		G	20/1	3	COMPUTER RECEPTS.
7	500			G	20/1	3	COMPUTER RECEPTS.	8			1500	G	20/1	3	COMPUTER RECEPTS.
9		1500		G	20/1	3	COMPUTER RECEPTS.	10		1500		G	20/1	3	COMPUTER RECEPTS.
11			1000	G	20/1	2	COMPUTER RECEPTS.	12			1500	G	20/1	3	COMPUTER RECEPTS.
13	1000			G	20/1	2	COMPUTER RECEPTS.	14		720		C	20/1	4	COUNTER RECEPTS.
15		1000		G	20/1	2	COMPUTER RECEPTS.	16			360	R	20/1	2	COUNTER RECEPTS.
17			1000	G	20/1	2	COMPUTER RECEPTS.	18		360		R	20/1	2	COUNTER RECEPTS.
19	1000			G	20/1	2	COMPUTER RECEPTS.	20			360	R	20/1	2	COUNTER RECEPTS.
21		1000		G	20/1	2	COMPUTER RECEPTS.	22		720		R	20/1	4	BAR RECEPTS.
23			1000	G	20/1	2	COMPUTER RECEPTS.	24			720	R	20/1	4	BAR RECEPTS.
25	1000			G	20/1	2	COMPUTER RECEPTS.	26		1920		M	30/2	1	AC-8
27		1000		G	20/1	2	COMPUTER RECEPTS.	28			1920	M	30/2	1	AC-9
29	926			M	20/2	1	CU-2	30		180		M	20/1	-	OUT ACCT
31		926		M	20/2	1		32			540	R	20/1	3	REF RECEPTS.
33			566	M	20/1	1	EF-5	34		1500		G	20/1	3	LIBRARY RECEPTS
35	1000			G	20/1	1	SPARE	36			1270	G	125/3	1	PANELBOARD P82
37		1000		G	20/1	1	SPARE	38		1170		G	20/1	1	
39			1000	G	20/1	1	SPARE	40			1468	G			
41					20/1		SPARE	42							

CONNECTED	VA	AMPS
PHASE A =	12676	105
PHASE B =	13339	111
PHASE C =	12877	107
TOTAL =	38892	108

RECEPT. ( ) L.T.L. @ 125% = 7705
KITCHEN @ 65% = 4680
OTHER LOAD @ 100% = 28408
TOTAL VA = 40453
TOTAL AMPS = 112

LOAD TYPES:
G - GENERAL (100%) M - MOTOR (125%)
L - L.T.L. (125%) X - 2-WAY (100%)
R - RECEPTACLE (50%) X1 - 4-WAY (50%)
K - KITCHEN (65%)

ALESSANDRO
VOLTS 277/480
PHASE 3Ø, 4W
W/G SURFACE

PANELBOARD H81
LOCATION ELECT. ROOM #6

PROJECT NO. 270.032
MAIN 400A/3P
BUS 400A

CKT	A	B	C	LOAD (VA) TYPE	BKR	QUAN	OUTLET DESCRIPTION	CKT	A	B	C	LOAD (VA) TYPE	BKR	QUAN	OUTLET DESCRIPTION
1	125			L	20/1	3	X2-EXTERIOR LTS	2		1240		L	20/1	14	LIBRARY LTS
3					20/1		SPARE	4			990	L	20/1	12	LIBRARY LTS
5		4238		M1	20/3	1	AC-3	6				L	20/1	10	LIBRARY LTS
7	4238			M1	--	-		8		2556		M1	20/3	1	AC-7
9			4238	M1				10			2556	M1	-	-	
11		4238		M1	20/3	1	AC-4	12		2556		M1	-	-	
13	2556			M1	--	-		14			600	M1	20/1	12	SHADE STRUCT. LTG
15		2556		M1				16				M1	-	-	
17			2556	M1	175/3	1	TRANSFORMER ENHR	18				L	20/1		SPARE
19	1315E			M1	--	-		20					20/1		SPARE
21		1315E		M1				22					20/1		SPARE
23			1315E	M1				24					20/1		SPARE
25	1000			G			PROVISION	26					20/1		SPARE
27		1000		G			PROVISION	28					20/1		SPARE
29			1000	G			PROVISION	30					20/1		SPARE
31							PROVISION	32					20/1		SPARE
33							PROVISION	34							PROVISION
35							PROVISION	36							PROVISION
37							PROVISION	38							PROVISION
39							PROVISION	40							PROVISION
41							PROVISION	42							PROVISION

CONNECTED	VA	AMPS
PHASE A =	23507	51
PHASE B =	25269	56
PHASE C =	24462	88
TOTAL =	73243	88

RECEPT. ( ) 10 VAN @ 50% = 5194
OTHER LOAD @ 100% = 68439
TOTAL VA = 94633
TOTAL AMPS = 114

LOAD TYPES:
G - GENERAL (100%) M - MOTOR (125%)
L - L.T.L. (125%) X - 2-WAY (100%)
R - RECEPTACLE (50%) X1 - 4-WAY (50%)
K - KITCHEN (65%)

X1 = INDICATES CIRCUIT CONTROLLED BY MULTI-POLE RELAY OPERATED BY PHOTOCELL ONLY TOWCLOCK SET FUNCTION OF THE ENERGY MANAGEMENT SYSTEM
ROWUP RELAYS TO LIGHTING EXTERNAL CONTROL LTG.

KEESKVL1
VOLTS 120/208
PHASE 3Ø, 4W
W/G SURFACE

PANELBOARD P82
LOCATION ELECT. ROOM #6

PROJECT NO. 270.032
MAIN L.B.
BUS 225A

CKT	A	B	C	LOAD (VA) TYPE	BKR	QUAN	OUTLET DESCRIPTION	CKT	A	B	C	LOAD (VA) TYPE	BKR	QUAN	OUTLET DESCRIPTION
1	500			M	20/1	1	W-P3	2		500		G	20/1	1	TV-P3
3		500		G	20/1	1	TV8	4			500	G	20/1	1	TV9
5			500	G	20/1	1	TV10	6				G	20/1	1	LIBRARY TRACK LTS
7	200			M	20/1	1	SUMP BILL	8		968		L	20/1	1	SHADE STRUCTURE RECEPT.
9		100		M	20/1	1	COND PUMP	10			540	M	20/1		SPARE
11			70	M	15/2	1	EF-2	12					20/1		SPARE
13	70			M				14							PROVISION
15		70		M				16							PROVISION
17							PROVISION	18							PROVISION
19							PROVISION	20							PROVISION
21							PROVISION	22							PROVISION
23							PROVISION	24							PROVISION
25							PROVISION	26							PROVISION
27							PROVISION	28							PROVISION
29							PROVISION	30							PROVISION
31							PROVISION	32							PROVISION
33							PROVISION	34							PROVISION
35							PROVISION	36							PROVISION
37							PROVISION	38							PROVISION
39							PROVISION	40							PROVISION
41							PROVISION	42							PROVISION

CONNECTED	VA	AMPS
PHASE A =	1810	15
PHASE B =	1170	10
PHASE C =	1468	12
TOTAL =	4448	12

RECEPT. ( ) L.T.L. @ 125% = 1210
KITCHEN @ 65% = 0
OTHER LOAD @ 100% = 4948
TOTAL VA = 6158
TOTAL AMPS = 13

LOAD TYPES:
G - GENERAL (100%) M - MOTOR (125%)
L - L.T.L. (125%) X - 2-WAY (100%)
R - RECEPTACLE (50%) X1 - 4-WAY (50%)
K - KITCHEN (65%)

P81
H81
P82

JOB NO.	P6201
DRAWN BY	FBA
DATE	12/9/2011

E-B.3

BUILDING B
PANEL SCHEDULES

ROOSEVELT II
ELEMENTARY SCHOOL
SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT
1261 W. 16TH STREET, SAN BERNARDINO, CA.

P S W C GROUP
ARCHITECTS / PLANNERS
1867 BUSINESS CENTER DR. SUITE 3, SAN BERNARDINO, CA. 92408
909/890-2235 FAX. 909/890-2644

REVISIONS	DATE
1	-
2	-
3	-
4	-
5	-
6	-

FBA Engineering
Consulting Electrical Engineers
2420 Inyoko Avenue Suite 200
Santa Rosa, California 95405-8189
TEL: 707 526 5010 FAX: 707 526 1001
EMAIL: fba@fbaengineering.net

FBA # 270.032

REGISTERED PROFESSIONAL ENGINEER
FRANK B. ALCALA
No. E-13973
Exp. 6-30-13
ELECTRICAL
STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
JAMES M. ASHBY
No. 18761
ELECTRICAL
STATE OF CALIFORNIA

RE-BID #F09-02 ROOSEVELT II (HENRY) E.S. NEW CONSTRUCTION BID ISSUANCE SET 12/09/11

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