ROOSEVELT　　PANELBOARD PA2　　PROJECT NO. 270.032

VOLTS 120/208
PHASE 3PH, 4W
MTG SURFACE

MAIN L.O.
BUS 225A

LOCATION ELECT. ROOM #9

CKT	A	B	C	LOAD TYPE	BKR	OUTLET QUAN	DESCRIPTION		CKT	A	B	C	LOAD TYPE	BKR	OUTLET QUAN	DESCRIPTION
1	360	-----	-----	R	20/1	2	ROOF RECEPTS.	A	2	1352	-----	-----	M1	20/2	1	CU-1
3	-----	360	-----	R	20/1	2	ROOF RECEPTS.	B	4	-----	1352	-----	M1	--	-	---------
5	-----	-----	506	M1	20/1	1	EF-1	C	6	-----	-----	500	G	20/1	1	'IDCP'
7	506	-----	-----	M1	20/1	1	EF-2	A	8	500	-----	-----	G	20/1	1	'IDA'
9	-----	506	-----	M1	20/1	1	EF-5	B	10	-----	500	-----	G	20/1	1	*'FACP'
11	-----	-----	500	G	20/1	1	'TVA'	C	12	-----	-----	500	G	20/1	1	'EMCP'
13	500	-----	-----	G	20/1	1	'MTV'	A	14	500	-----	-----	G	20/1	1	'MDF'
15	-----	500	-----	G	20/1	1	'CSCP'	B	16	-----	500	-----	G	20/1	1	'MTB'
17	-----	-----	500	G	20/1	1	TELEPHONE/DATA RACK	C	18	-----	-----	720	R	20/1	4	RECEPTION RECEPTS.
19	500	-----	-----	G	20/1	1	TELEVISION RACK	A	20	720	-----	-----	R	20/1	4	RECEPTION RECEPTS.
21	-----	860	-----	R	20/1	3	OFFICE RECEPTS.	B	22	-----	500	-----	G	20/1	1	COPIER
23	-----	-----	1180	R	20/1	3	OFFICE RECEPTS.	C	24	-----	-----	1200	G	20/2	1	COPIER
25	1180	-----	-----	R	20/1	3	WORKROOM RECEPTS.	A	26	1200	-----	-----	G	--	-	---------
27	-----	360	-----	R	20/1	2	WORKROOM RECEPTS.	B	28	-----	500	-----	G	20/1	1	ELC
29	-----	-----	54	G	20/1	1	EF-3	C	30	-----	-----	1560	G	30/2		UPS
31	700	-----	-----	G	20/1	4	*ZONE/BYPASS	A	32	1560	-----	-----	G	----		---------
33	-----	1600	-----	M	20/1	1	G.D.	B	34	-----		-----				PROVISION
35	-----	-----	55	M	15/2	1	FC-1	C	36	-----	-----					PROVISION
37	55	-----	-----	M	--	-	-----	A	38		-----	-----				PROVISION
39	-----	200	-----	M	20/1	1	CONDENSATE PUMP	B	40	-----		-----				PROVISION
41	-----	-----	200	G	20/1	1	*FSR BELL	C	42	-----	-----					PROVISION

CONNECTED:

	VA	AMPS
PHASE A =	9633	80
PHASE B =	7738	64
PHASE C =	7475	62
TOTAL =	24846	69

L.C.L. @ 125% =	5278
RECEPT. ( ) 10 kVA @ 50%) =	5740
KITCHEN @ 65% =	0
OTHER LOAD @ 100% =	14884
TOTAL VA =	25902
TOTAL AMPS =	72

LOAD TYPE:
G - GENERAL (100%)　M - MOTOR (100%)
L - L.C.L. (125%)　M1 - MOTOR (125%)
R - RECEPTACLE (50%) (10 kVA @ 100%)　X - X-RAY (100%)
X1 - X-RAY (50%)
K - KITCHEN (65%)

* PROVIDE CIRCUIT BREAKER LOCK-ON DEVICE.

ROOSEVELT　　PANELBOARD HA1　　PROJECT NO. 270.032

VOLTS 277/480
PHASE 3PH, 4W
MTG SURFACE

MAIN 400A/3P
BUS 400A

LOCATION ELECT. ROOM #9

CKT	A	B	C	LOAD TYPE	BKR	OUTLET QUAN	DESCRIPTION		CKT	A	B	C	LOAD TYPE	BKR	OUTLET QUAN	DESCRIPTION
1	2482	-----	-----	L	20/1	30	LOUNGE/RESTROOM LTG.	A	2	270	-----	-----	L	20/1	6	X2-EXTERIOR LTG.
3	-----	1729	-----	L	20/1	19	CLERKS/CONF./RECEPT. LTG.	B	4	-----		-----		20/1		SPARE
5	-----	-----	1150	L	20/1	15	V.P./WORKROOM LTG.	C	6	-----	-----	2631	M1	20/3	1	AC-1
7	2936	-----	-----	M1	20/3	1	AC-4	A	8	2631	-----	-----	M1	--	-	---------
9	-----	2936	-----	M1	--	-	---------	B	10	-----	2631	-----	M1	--	-	---------
11	-----	-----	2936	M1	--	-	---------	C	12	-----	-----			20/1		SPARE
13	2631	-----	-----	M1	20/3	1	AC-3	A	14		-----	-----		20/1		SPARE
15	-----	2631	-----	M1	--	-	---------	B	16	-----		-----		20/1		SPARE
17	-----	-----	2631	M1	--	-	---------	C	18	-----	-----			20/1		SPARE
19	2936	-----	-----	M1	20/3	1	AC-2	A	20	1610	-----	-----	L	20/2	4	X2-PARKING LOT LTS.
21	-----	2936	-----	M1	--	-	---------	B	22	-----	1610	-----	L	--	-	X2---------
23	-----	-----	2936	M1	--	-	---------	C	24	-----	-----	1610	L	20/2	5	X1-PARKING LOT LTS.
25	550	-----	-----	L	20/1	11X1-	COVERED WALKWAY LTG.	A	26	1610	-----	-----	L	--	-	X1---------
27	-----		-----		20/1		SPARE	B	28	-----	520	-----	L	20/1	4	X1-WALKWAY LTS.
29	-----	-----			20/1		SPARE	C	30	-----	-----	780	L	20/1	6	X2-WALKWAY LTS.
31		-----	-----				PROVISION	A	32		-----	-----				PROVISION
33	-----		-----				PROVISION	B	34	-----		-----				PROVISION
35	-----	-----					PROVISION	C	36	-----	-----					PROVISION
37		-----	-----				PROVISION	A	38	19413	-----	-----	G	175/3	1	TRANSFORMER AXMR
39	-----		-----				PROVISION	B	40	-----	18498	-----	G	--	-	---------
41	-----	-----					PROVISION	C	42	-----	-----	15495	G	--	-	---------

CONNECTED:

	VA	AMPS
PHASE A =	37069	134
PHASE B =	33491	121
PHASE C =	30169	109
TOTAL =	100729	121

L.C.L. @ 125% =	59154
RECEPT. ( ) 10 kVA @ 50%) =	
KITCHEN @ 65% =	
OTHER LOAD @ 100% =	53406
TOTAL VA =	112560
TOTAL AMPS =	135

LOAD TYPE:
G - GENERAL (100%)　M - MOTOR (100%)
L - L.C.L. (125%)　M1 - MOTOR (125%)
R - RECEPTACLE (50%) (10 kVA @ 100%)　X - X-RAY (100%)
X1 - X-RAY (50%)
K - KITCHEN (65%)

X1 ? INDICATES CIRCUIT CONTROLLED BY MULTI-POLE RELAY OPERATED BY PHOTOCELL ON/ PHOTOCELL OFF FUNCTION OF THE ENERGY MANAGEMENT SYSTEM. MOUNT RELAYS IN LIGHTING TERMINAL CABINET LCA.

X2 ? INDICATES CIRCUIT CONTROLLED BY MULTI-POLE RELAY OPERATED BY PHOTOCELL ON/ TIMECLOCK OFF FUNCTION OF THE ENERGY MANAGEMENT SYSTEM. MOUNT RELAYS IN LIGHTING TERMINAL CABINET LCA.

* PROVIDE CIRCUIT BREAKER LOCK-ON DEVICE.

ROOSEVELT　　PANELBOARD EHA　　PROJECT NO. 270.032

VOLTS 277/480
PHASE 3PH, 4W
MTG SURFACE

MAIN 100A/3P
BUS 100A

LOCATION ELECT. ROOM #9

CKT	A	B	C	LOAD TYPE	BKR	OUTLET QUAN	DESCRIPTION		CKT	A	B	C	LOAD TYPE	BKR	OUTLET QUAN	DESCRIPTION
1		-----	-----		20/1		SPARE	A	2	30	-----	-----	L	20/1	4	*EXIT SIGNS
3	-----		-----		20/1		SPARE	B	4	-----	420	-----	L	20/1	13	*EGRESS LTS
5	-----	-----			20/1		SPARE	C	6	-----	-----	225	L	20/1	5	X1-EXTERIOR LTS
7		-----	-----		20/1		SPARE	A	8		-----	-----		20/1		SPARE
9	-----		-----		20/1		SPARE	B	10	-----		-----		20/1		SPARE
11	-----	-----			20/1		SPARE	C	12	-----	-----			20/1		SPARE
13		-----	-----				PROVISION	A	14		-----	-----		20/1		SPARE
15	-----		-----				PROVISION	B	16	-----		-----				PROVISION
17	-----	-----					PROVISION	C	18	-----	-----					PROVISION
19		-----	-----				PROVISION	A	20		-----	-----				PROVISION
21	-----		-----				PROVISION	B	22	-----		-----				PROVISION
23	-----	-----					PROVISION	C	24	-----	-----					PROVISION

CONNECTED:

	VA	AMPS
PHASE A =	30	
PHASE B =	420	2
PHASE C =	225	1
TOTAL =	675	1

L.C.L. @ 125% =	844
RECEPT. ( ) 10 kVA @ 50%) =	0
KITCHEN @ 65% =	0
OTHER LOAD @ 100% =	0
TOTAL VA =	844
TOTAL AMPS =	1

LOAD TYPE:
G - GENERAL (100%)　M - MOTOR (100%)
L - L.C.L. (125%)　M1 - MOTOR (125%)
R - RECEPTACLE (50%) (10 kVA @ 100%)　X - X-RAY (100%)
X1 - X-RAY (50%)
K - KITCHEN (65%)

X1 ? INDICATES CIRCUIT CONTROLLED BY MULTI-POLE RELAY OPERATED BY PHOTOCELL ON/ PHOTOCELL OFF FUNCTION OF THE ENERGY MANAGEMENT SYSTEM. MOUNT RELAYS IN LIGHTING TERMINAL CABINET LCA.

* PROVIDE CIRCUIT BREAKER LOCK-ON DEVICE.

ROOSEVELT　　PANELBOARD PA1　　PROJECT NO. 270.032

VOLTS 120/208
PHASE 3PH, 4W
MTG SURFACE

MAIN 400A/3P
BUS 400A

LOCATION ELECT. ROOM #9

CKT	A	B	C	LOAD TYPE	BKR	OUTLET QUAN	DESCRIPTION		CKT	A	B	C	LOAD TYPE	BKR	OUTLET QUAN	DESCRIPTION
1	360	-----	-----	R	20/1	2	OFFICE RECEPTS.	A	2	1000	-----	-----	G	20/1	1	VENDING MACHINE
3	-----	360	-----	R	20/1	2	OFFICE RECEPTS.	B	4	-----	1000	-----	G	20/1	1	VENDING MACHINE
5	-----	-----	720	R	20/1	4	LOUNGE RECEPTS.	C	6	-----	-----	1000	G	20/1	1	VENDING MACHINE
7	540	-----	-----	R	20/1	3	LOUNGE RECEPTS.	A	8	1200	-----	-----	G	20/1	1	REFRIGERATOR
9	-----	540	-----	R	20/1	3	LOUNGE RECEPTS.	B	10	-----	1000	-----	G	20/1	1	COUNTER RECEPTS.
11	-----	-----	1200	G	30/2	1	COPIER	C	12	-----	-----	1000	G	20/1	1	COUNTER RECEPTS.
13	1200	-----	-----	G	--	-	---------	A	14	360	-----	-----	R	20/1	2	CONV. RECEPTS.
15	-----	1500	-----	G	20/1	1	COPIER	B	16	-----	360	-----	R	20/1	2	CONV. RECEPTS.
17	-----	-----	540	R	20/1	3	COUNTER RECEPTS.	C	18	-----	-----	1200	G	30/2	1	COPIER
19	360	-----	-----	R	20/1	2	COUNTER RECEPTS.	A	20	1200	-----	-----	G	--	-	---------
21	-----	1000	-----	R	20/1	2	COUNTER RECEPTS.	B	22	-----	1500	-----	G	20/1	1	COPIER
23	-----	-----	1000	R	20/1	2	COUNTER RECEPTS.	C	24	-----	-----	720	R	20/1	4	OFFICE RECEPTS.
25	1180	-----	-----	R	20/1	3	OFFICE RECEPTS.	A	26	1540	-----	-----	R	20/1	5	OFFICE RECEPTS.
27	-----	1500	-----	R	20/1	3	OFFICE RECEPTS.	B	28	-----	1000	-----	G	20/1	1	COUNTER RECEPTS.
29	-----	-----	1200	G	30/2	1	COPIER	C	30	-----	-----	1000	G	20/1	1	COUNTER RECEPTS.
31	1200	-----	-----	G	--	-	---------	A	32	1200	-----	-----	G	20/1	1	REFRIGERATOR
33	-----	500	-----	G	20/1	1	COPIER	B	34	-----	500	-----	G	20/1	1	CP-1
35	-----	-----			20/1		SPARE	C	36	-----	-----			20/1		SPARE
37		-----	-----		20/1		SPARE	A	38	8073	-----	-----	G	125/3	1	PANELBOARD PA2
39	-----		-----		20/1		SPARE	B	40	-----	7738	-----	G	--	-	---------
41	-----	-----			20/1		SPARE	C	42	-----	-----	5915	G	--	-	---------

CONNECTED:

	VA	AMPS
PHASE A =	19413	162
PHASE B =	18498	154
PHASE C =	15495	129
TOTAL =	53406	148

L.C.L. @ 125% =	
RECEPT. ( ) 10 kVA @ 50%) =	10540
KITCHEN @ 65% =	
OTHER LOAD @ 100% =	42326
TOTAL VA =	52866
TOTAL AMPS =	147

LOAD TYPE:
G - GENERAL (100%)　M - MOTOR (100%)
L - L.C.L. (125%)　M1 - MOTOR (125%)
R - RECEPTACLE (50%) (10 kVA @ 100%)　X - X-RAY (100%)
X1 - X-RAY (50%)
K - KITCHEN (65%)

PA2　HA1
EHA
PA1

LICENSED ARCHITECT JAMES M. STINSON C19098 RENEWAL 02/28/ STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER STEPHEN R. ZAJICEK No. E 10372 Exp. 09-30-12 ELECTRICAL STATE OF CALIFORNIA

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FBA # 270.032

REVISIONS	DATE
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P S W C GROUP
ARCHITECTS / PLANNERS
1887 BUSINESS CENTER DR., SUITE 3, SAN BERNARDINO, CA. 92408
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ROOSEVELT II
ELEMENTARY SCHOOL
SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT
1261 W. 16TH STREET, SAN BEERNARDINO, CA.

BUILDING A PANEL SCHEDULES

JOB NO. P520
DRAWN BY FBA
DATE 12/8/2011

E-A.3

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

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