PANEL LHD

MAIN BUS AMPS: 100 A
MAIN BREAKER: N/A
VOLTAGE: 480Y/277 V
PHASES/WIRES: 3 PH / 4 W
AIC: 22,000 A (FULLY RATED BREAKERS) MAIN LUGS ONLY
SECTIONS: 1 - 18 SPACE EQUIPMENT GROUND BUS
MOUNTING: SURFACE
LOCATION:

CIRCUIT DESCRIPTION	POLES	AMPS	LOAD	CKT NO	CKT NO	LOAD	AMPS	POLES	CIRCUIT DESCRIPTION
TRANSFORMER T-LP	3	30	3,220	1	2	1,500	15	2	TRANSFORMER T-SDP (SOLAR)
			1,820	3	4	1,500			
			2,620	5	6		20	1	SPARE
SPARE	1	20		7	8		20	1	SPARE
SPARE	1	20		9	10		20	1	SPARE
SPARE	1	20		11	12		20	1	SPARE
PREPARED SPACE				13	14				PREPARED SPACE
PREPARED SPACE				15	16				PREPARED SPACE
PREPARED SPACE				17	18				PREPARED SPACE
SUBTOTAL	-	-	7,660	-	-	3,000	-	-	SUBTOTAL

INCREASE # OF POLES, OR ADD SECTIONS, AS REQUIRED DURING CONSTRUCTION TO MAINTAIN 25% SPARE CIRCUIT BREAKERS.

Panel Summary

Total connected load	**10,660** va
Total Demand Load	**10,660** va
Line to Line Voltage	480 volts
Line to Neutral Voltage	277 volts
Number of Phases	3 phase
Demand Current	**12.8** amps

Demand Factors

Motors	max	all others
	1.25	1.00
Receptacles	0-10kva	>10kva
	1.00	0.50
Lights	1.00	
Heat	1.00	
Cooling	1.00	
Other	1.00	

PANEL LP

MAIN BUS AMPS: 100 A
MAIN BREAKER: N/A
VOLTAGE: 208Y/120 V
PHASES/WIRES: 3 PH / 4 W
AIC: 10,000 A (FULLY RATED BREAKERS) MAIN LUGS ONLY
SECTIONS: 1-24 SPACE EQUIPMENT GROUND BUS
MOUNTING: SURFACE
LOCATION:

CIRCUIT DESCRIPTION	POLES	AMPS	LOAD	CKT NO	CKT NO	LOAD	AMPS	POLES	CIRCUIT DESCRIPTION
FIRE ALARM CONTROL PANEL	1	20	500	1	2	500	20	1	PASSENGER ELEVATOR #1 LIGHTS
VESTIBULE 1000 DOORS	1	20	500	3	4	500	20	1	PASSENGER ELEVATOR #2 LIGHTS
VESTIBULE 1001 DOORS	1	20	500	5	6	500	20	1	PASSENGER ELEVATOR #2 LIGHTS
FIRE ALARM POWER SUPPLY #1	1	20	500	7	8	500	20	1	BOH ELEVATOR LIGHTS
FIRE ALARM POWER SUPPLY #2	1	20	500	9	10	120	20	1	1ST FLOOR FIRE/SMOKE DAMPERS
FIRE ALARM POWER SUPPLY #3	1	20	500	11	12	120	20	1	2ND FLOOR FIRE/SMOKE DAMPERS
GENERATOR ANNUNCIATOR	1	20	100	13	14	120	20	1	3RD FLOOR FIRE/SMOKE DAMPERS
GENERATOR BATTERY CHARGER	1	20	100	15	16	100	20	1	AREA OF REFUGE
GENERATOR JACKET HEATER	2	20	1,000	17	18		20	1	SPARE
			1,000	19	20		20	1	SPARE
SPARE	1	20		21	22		20	1	SPARE
SPARE	1	20		23	24		20	1	SPARE
SUBTOTAL	-	-	5,200	-	-	2,460	-	-	SUBTOTAL

GFI - GROUND FAULT BREAKER
LCK - LOCKABLE TAB

INCREASE # OF POLES, OR ADD SECTIONS, AS REQUIRED DURING CONSTRUCTION TO MAINTAIN 25% SPARE CIRCUIT BREAKERS.

Panel Summary

Total connected load	**7,660** va
Total Demand Load	**7,660** va
Line to Line Voltage	208 volts
Line to Neutral Voltage	120 volts
Number of Phases	3 phase
Demand Current	**21.3** amps

Demand Factors

Motors	max	all others
	1.25	1.00
Receptacles	0-10kva	>10kva
	1.00	0.50
Lights	1.00	
Heat	1.00	
Cooling	1.00	
Other	1.00	

three inches = one foot 6"
one and one half inches = one foot 1 1/2"
one inch = one foot 1"
three quarters inch = one foot 3/4"
one half inch = one foot 1/2"
three eighths inch = one foot 3/8"
one quarter inch = one foot 1/4"
one eighth inch = one foot 1/8"

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NO.	Description	Date

CONSULTANTS:

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REGISTERED PROFESSIONAL ENGINEER PHILIP R. FITZER E 19956 EXP. 6/30/18 ELECTRICAL STATE OF CALIFORNIA 10/07/16

PROFESSIONAL SEAL

ARCHITECT/ENGINEERS:

HOEFER WYSOCKI Architecture
11460 TOMAHAWK CREEK PARKWAY; SUITE 400, LEAWOOD, KANSAS 66211

Drawing Title: ELECTRICAL SCHEDULES
Approved: Andy Lamendola
Project Status: ISSUED FOR CONSTRUCTION

Project Title: VA SAN JOSE COMMUNITY BASED OUTPATIENT CLINIC
Location: 5815 SILVER CREEK VALLEY PLACE, SAN JOSE, CA 95138
Date: OCTOBER 7, 2016 | Checked: PRP | Drawn: S&B

Project Number: VA-101-13-R-0077
Building Number:
Drawing Number: E3.18 Dwg. of

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231