

NEMA RATING:	1	PANEL NAME:	H1	New	VOLTAGE:	277/480V 3P,4W
SERVICE RATED:	No	LOCATION:	North wall IT room 305		A.I.C. RATING:	14,000A
200% NEUTRAL BUS:	No	MOUNTING:	SURFACE		MAIN C.B. SIZE:	MLO
ISOLATED GND BUS:	No				BUS SIZE:	225A

  

C.L.	C.O.	REC	MIS	DESCRIPTION	LOAD (VA)			C.B.			DESCRIPTION	OUTL ETS				C.L.	C.O.	REC	MIS
					PH A	PH B	PH C	P	A	A		P	PH A	PH B	PH C				
1				Office Lighting	1,564			1	20										2
3				Insta-Hot		11,514		1	30										4
5				AC/Heat Pump #1	9,976			3	20										6
7				AC/Heat Pump #1		9,976		3	20										8
9				AC/Heat Pump #1			9,976	3	20										10
11				AC/Heat Pump #2	9,976			3	20										12
13				AC/Heat Pump #2			9,976	3	20										14
15				AC/Heat Pump #2		9,976		3	20										16
17				AC/Heat Pump #3	9,976			3	20										18
19				AC/Heat Pump #3			9,976	3	20										20
21				AC/Heat Pump #3		9,976		3	20										22
23				AC/Heat Pump #3			9,976	3	20										24
25																			26
27																			28
29																			30
31																			32
33																			34
35																			36
37							60	3	8,670										38
39							60	3		8,670									40
41							60	3			8,670								42

  

REFERENCE NOTES (SEE DESCRIPTION):					SUBTOTAL CONNECTED LOAD (VA)	40,162	50,112	38,598	TOTAL CONNECTED LOAD:	74.4 KVA
(1)	Controlled via lighting control system/panel.				CONTINUOUS LOAD ADDITION (VA)	0	0	0	C.O. DEMAND REDUCTION:	0.0 KVA
(2)	Provide separate neutral for each of these circuits.				25% LARGEST MOTOR ADDER (VA)					
(3)					TOTAL CONNECTED LOAD (VA)	40,162	50,112	38,598	TOTAL CONNECTED LOAD:	74.4 KVA
(4)					MAXIMUM LINE CURRENT (A)	83.7	104.4	80.4	AVERAGE CURRENT:	89.5 A

NEMA RATING:	1	PANEL NAME:	L1	New	VOLTAGE:	120/208V 3P,4W
SERVICE RATED:	No	LOCATION:	North wall IT Room 305		A.I.C. RATING:	10,000A
200% NEUTRAL BUS:	No	MOUNTING:	SURFACE		MAIN C.B. SIZE:	100A
ISOLATED GND BUS:	No				BUS SIZE:	100A

  

C.L.	C.O.	REC	MIS	DESCRIPTION	LOAD (VA)			C.B.			DESCRIPTION	OUTL ETS				C.L.	C.O.	REC	MIS
					PH A	PH B	PH C	P	A	A		P	PH A	PH B	PH C				
1				Fridge 307	1,200			1	20										2
3				Fridge 308		1,200		1	20										4
5				Fridge 301			1,200	1	20										6
7				Fridge 304	1,200			1	20										8
9				Fridge 303		1,200		1	20										10
11				Fridge 302			1,200	1	20										12
13				IT Room Outlet 305	1,800			1	20										14
15				Telco Backboard Outlet 305		800		1	20										16
17				Utility Outlet 305			500	1	20										18
19				Garbage Disposal Outlet 306	1,600			1	20										20
21				Counter Outlet Break Room 306		1,600		1	20										22
23				Counter Outlet Break Room 306			1,600	1	20										24
25																			26
27																			28
29																			30
31																			32
33																			34
35																			36
37																			38
39																			40
41																			42

  

REFERENCE NOTES (SEE DESCRIPTION):					SUBTOTAL CONNECTED LOAD (VA)	9,800	8,000	8,300	TOTAL CONNECTED LOAD:	15.1 KVA
(1)	Controlled via lighting control system/panel.				CONTINUOUS LOAD ADDITION (VA)	0	0	0	C.O. DEMAND REDUCTION:	0.0 KVA
(2)	Provide separate neutral for each of these circuits.				25% LARGEST MOTOR ADDER (VA)					
(3)					TOTAL CONNECTED LOAD (VA)	9,800	8,000	8,300	TOTAL CONNECTED LOAD:	15.1 KVA
(4)					MAXIMUM LINE CURRENT (A)	47.1	38.5	39.9	AVERAGE CURRENT:	41.8 A

NEMA RATING:	1	T 1	A.I.C. RATING:	14,000A
TRANSFORMER KVS:	45		Primary Feeder:	20'
PRIMARY:	480 DELTA		Secondary Feeder:	20'
SECONDARY:	120/208 WYE 100% Neutral			

  

QTY	DESCRIPTION	PHASE	TOTAL KVA	Notes
1	Panel L1		15.0	
2			0.0	
3			0.0	
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
41				

  

REFERENCE NOTES (SEE DESCRIPTION):					TOTAL CONNECTED LOAD:	15.0 KVA
(1)						
(2)						
(3)					TOTAL CONNECTED LOAD:	15.0 KVA
(4)						

**DESIGN/BUILD NOTES:**

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**OFFICE TENANT IMPROVEMENT VALENCIA, CA**

**REVISIONS:**  
 1. PLAN CHECK CORRECTION  
 16 JUNE 2012

**DRAWING TITLE:**  
 PANEL SCHEDULES

**DRAWN BY:**  
 D. URSINI  
**SCALE:**  
 N.T.S.  
**DRAWN DATE:**  
 15 MAY 2012  
**SHEET NO.**  
**E-5**