





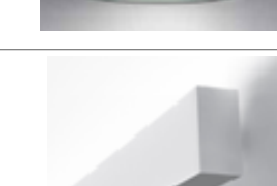


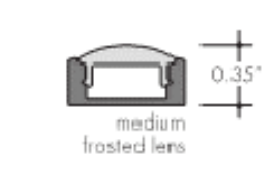



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file:

LUMINAIRE SCHEDULE											
FIXTURE TYPE	IMAGE	PRODUCT DESCRIPTION	BASIS OF DESIGN MANUFACTURER	SIZE	INPUT WATTS	LAMP SOURCE (Type, CCT, Delivered Lumens)	DRIVER / BALLAST (Integral/Remote) (Electronic/Magn.) (Dimming Type)	INPUT VOLTAGE	FINISH	MOUNTING	NOTES
F1		2x4 RECESSED LED VOLUMETRIC IN OFFICES ON LEVEL 1	FINELITE HPR-LED-ANR-2x4-DCO-S-935-277V-SC-XX	2 Ft W x 4 Ft L x 4" D	27 W	LED 3500K 3680 LM >90 CRI	INTEGRAL ELECTRONIC 0-10V DIM TO 5%	277	AS PER ARCHITECT	RECESSED ACT CLG.	
F2		8-FT DIRECT / INDIRECT LINEAR PENDANT ON WOOD BEAMS	FINELITE HP-2-WM-ID-8-B-B-9-35-F F-277V-MB-DC	4" H x 3" D x LENGTH AS SHOWN	12W / LF	LED 3500K 1360 LM / LF >90CRI	INTEGRAL ELECTRONIC 0-10V DIM TO 5%	277	AS PER ARCHITECT	MOUNTING BRACKET	DUAL CIRCUIT RUNS OF (6) 8 FT PER BEAM (24T PER OVERALL RUN) OUTER 8' INDIRECT PORTION ON BOTH SIDES OF BEAMS TO BE ON 'C' LEG.
F3		4" SQ. RECESSED LED DOWNLIGHT IN BATHROOMS	CALCULITE C4X4L10-DL-35K-CL-XX-XX C4X4L10-N-2-LD-XX	4.5" SQ. x 4.5" H	20 W	LED 3500K 880 LM >90 CRI	INTEGRAL ELECTRONIC 0-10V DIM TO 10%	277	AS PER ARCHITECT	RECESSED GYP. CLG.	CONFIRM QUANTITY OF F3s ON MICROINVERTER BEFORE ORDERING
F4		4-FT DIRECT / INDIRECT LINEAR PENDANT IN OFFICES	FINELITE S16 LED ID-DCO-4-3E-B-B-935-OPEN-277V-SC-FA-FE-C4	8" W x 2" D x 4 FT L	12 W / LF	LED 3500K 1260 LM / Ft >90 CRI	INTEGRAL ELECTRONIC 0-10V DIM TO 5%	277	AS PER ARCHITECT	AIRCRAFT CABLE PENDANT IN GYP. CLG.	
F5		4" SQ. LOW PROFILE LED DOWNLIGHT IN STORAGE / BOH	PHILIPS SLIMLINE S4S-8-35K-7-XX-Z10U	4" SQ. x	10W	LED 3500K 650 LM	INTEGRAL ELECTRONIC 0-10V	277	AS PER ARCHITECT	SURFACE MOUNT GYP. CEILING	
F6		RECESSED LED STEPLIGHT IN CIRCULATION	WAC LIGHTING WL-LED200F-C-WT	3"W x 5"H x 1.5" D	4W	LED 3000K 120 LM	INTEGRAL ELECTRONIC 0-10V	277	WHITE	WALL RECESSED	MOUNT MIN. 12" ABOVE TREAD SEE ARCH DWGS FOR SPACING.
F7		SUSPENDED LED DRUM PENDANT IN STAIRWELL	LUMETTA P2034	14" D x 34" DIA. X SUSP. HT.	57W	LED 3500K 6300 LM >90CRI	INTEGRAL ELECTRONIC 0-10V DIM TO 5%	277	SHADE AS PER ARCHITECT	SLOPED CANOPY / CABLE	PROVIDE 6" DIA. SWIVEL STEM CANOPY
F8		WALL MOUNT LINEAR INDIRECT LED IN KITCHENETTE	FINELITE HP2 WM-H	2.25" W x 4" D x 4'-0" L	18.5 W	LED 3500K 880 LM >90 CRI	INTEGRAL ELECTRONIC 0-10V	277	AS PER ARCHITECT	WALL MOUNT	
F9		UNDERCABINET LED STRIP IN KITCHENETTE	CSL LIGHTING ECO-LIGHTBAR LED	1FT & 2FT VERSIONS	6W / LF	LED 3000K 500 LM / LF > 90 CRI	REMOTE ELECTRONIC 0-10V	24DC / 277AC	SATIN ALUMINUM	SURFACE MOUNT CASEWORK	COORDINATE LOCATION OF REMOTE POWER SUPPLY AND LINK TOGETHER
F10		NOT USED									
F11		LED TAPE IN CHANNEL AT DESK BEHIND ACRYLIC PANEL	LUMINII TAPE: LL18-35L-XX-XX-XX CHANNEL: SL7-XX-M-SA SUPPLY: PSV-XX-24V-U2DIM-D	LEGNTH AS SHOWN	1.5 W/LF	LED 3500K 125 LM/LF >90 CRI	INTEGRAL ELECTRONIC 0-10V DIM TO 10%	24DC / 277AC	SILVER ANODIZED	UNDER DESKTOP BEHIND ACRYLIC PANEL	COORDINATE LOCATION OF REMOTE POWER SUPPLY WITH ARCHITECT PRIOR TO INSTALLATION.
S1		LED WALL PACK AT MIDDLE LANDING OF EXTERIOR STAIRS AND GENERATOR ENCLOSURE	LITHONIA WST-LED VF	8.5" H x 10" D x 17" L	12 W	LED 3500K 1500 LM	INTEGRAL ELECTRONIC 0-10V	277	AS PER ARCHITECT	WALL SURFACE	
S2	NO PHOTO	EXISTING SURFACE MOUNTED ENTRY LIGHT AT EXTERIOR SOFFITS	N/A	N/A	18W	VERIFY IN FIELD	VERIFY IN FIELD	277	EXISTING	EXTERIOR SOFFIT	CONTRACTOR TO CONFIRM EXISTING LIGHTING FOR EM EGRESS - REFURBISH MAY BE DESIRED BY ARCHITECT
S3	NO PHOTO	EXISTING WALL PACK AT TOP LANDINGS OF EXTERIOR STAIR	N/A	N/A	18W	VERIFY IN FIELD	VERIFY IN FIELD	277	EXISTING	WALL SURFACE	CONTRACTOR TO CONFIRM EXISTING LIGHTING FOR EM EGRESS - REFURBISH MAY BE DESIRED BY ARCHITECT
X		EXIT SIGN AS PER LIFE SAFETY DIAGRAM	LITHONIA EDG-EDGR	11" H x 5.5" D x 13.5" L	5W	LED 3500K	INTEGRAL ELECTRONIC 0-10V	277	AS PER ARCHITECT	RECESSED OR SURFACE WALL / CEILING	CONTRACTOR TO COORDINATE NUMBER OF FACES, MOUNTING, AND ARROW DIRECTIONS PRIOR TO INSTALLATION

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1 3/17/17 BID ADDENDUM  
- 3/10/17 100% CD/BID SET  
rev date issue



college of marin - indian valley campus bldg. 11 renovation

novato, california  
project number: 17-1095

scale: NONE  
date: 16/02/2017

LUMINAIRE SCHEDULE - ELECTRICAL



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**GENERAL NOTES:**

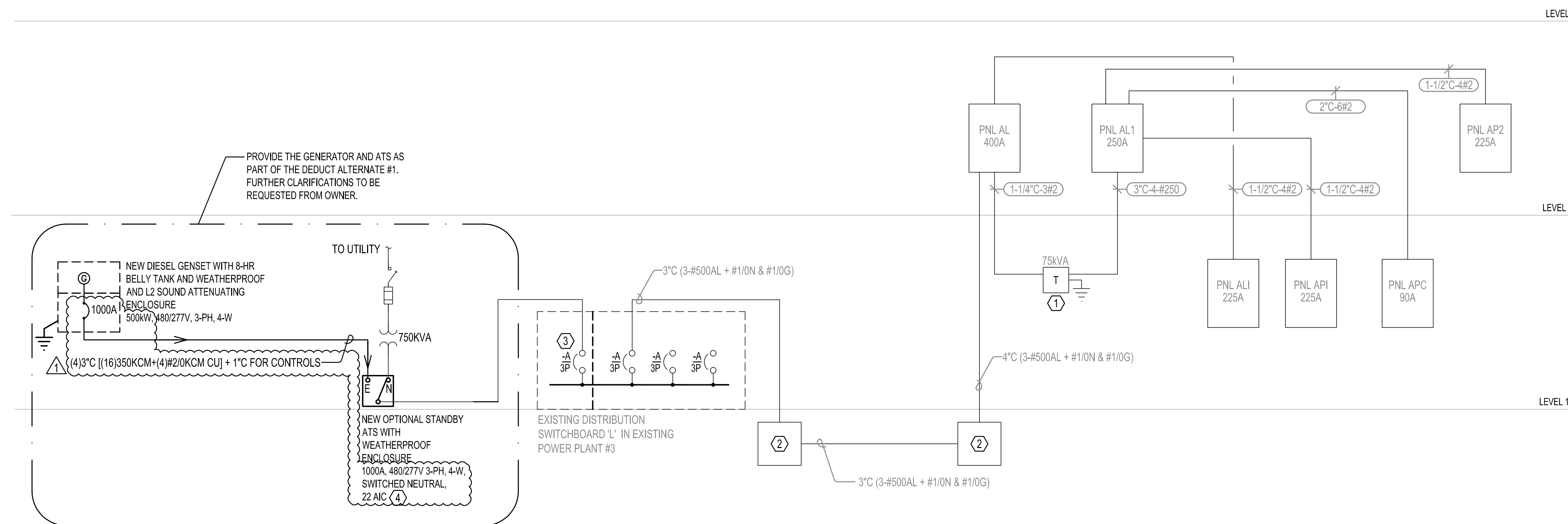
A. ALL EQUIPMENT AND CONNECTIONS SHOWN ARE EXISTING TO REMAIN, UNO.

B. SEE PLANS AND SCHEDULES FOR FURTHER CIRCUITING INFORMATION AND REQUIREMENTS.

C. CONTRACTOR SHALL PROVIDE A SEQUENCE OF INSTALLATION FOR THE GENERATOR AND REQUEST APPROVAL FOR SHUT-DOWN OF SERVICE, WHEN NEEDED, PRIOR TO PROCEEDING WITH THE INSTALLATION.

**NOTES:**

1. STEP-DOWN TRANSFORMER LOCATED WITHIN TRANSFORMER ROOM #116 BELOW STAIR LANDING PER AS-BUILT DRAWINGS. MAINTAIN POWER TO TRANSFORMER THROUGHOUT CONSTRUCTION.
2. EXISTING CONCRETE PULL-BOX.
3. MAIN BREAKER SIZE TO BE CONFIRMED IN FIELD.
4. CONTRACTOR TO CONFIRM AIC RATING WITH SHORT CIRCUIT STUDY.



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rev	date	issue
1	3/17/17	BID ADDENDUM
-	3/10/17	100% CD/BID SET



college of marin - indian valley campus bldg. 11 renovation

novato, california  
 project number: 17-1095

scale: NONE  
 date: 16/02/2017

**SINGLE - LINE DIAGRAM ELECTRICAL**

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(E) PANEL ALI (FORMERLY PANEL AL1)													
PANEL: (E) ALI		LOCATION: LEVEL 1		VOLTS: 480 Y1 277 P 3				W: 4		AIC RATING: 14K		MOUNT: <input type="checkbox"/> SURFACE <input checked="" type="checkbox"/> FLUSH	
AMP: 225		MLO: <input checked="" type="checkbox"/> MCB: <input type="checkbox"/>		NEUTRAL: 100%				FED FROM: (E) AL		TYPE: EXISTING <input checked="" type="checkbox"/> NEW <input type="checkbox"/>		STYLE: PANELBOARD	
CIRCUIT DESCRIPTION	LOAD		P	CIR #	P	CIR #	P	CIR #	P	LOAD		CIRCUIT DESCRIPTION	
	TYPE	KVA								BKR	KVA		TYPE
(N) LTG - LEVEL 1	LTG	0.80	(E)20	1	1	A	2	3	(E)30			(E) AC SRVR RM INDOOR	
(N) LTG - LEVEL 2	LTG	2.61	(E)20	1	3	B	4	-	-			(E) AC SRVR RM OUTDOOR COND UNIT	
(N) DDC PANEL	MISC	0.20	(E)20	1	5	C	6	-	-			(E) SPACE	
(N) MICROINVERTER 1	LTG	0.68	(E)20	1	7	A	8	1	(E)20			(N) GENERATOR ENCLOSURE LIGHTING	
(N) MICROINVERTER 2	LTG	0.68	(E)20	1	9	B	10	1	(E)20			(N) LUTRON WVE HUBS	
(N) MICROINVERTER 3	LTG	0.68	(E)20	1	11	C	12	1	(E)20			(E) AC SRVR RM OUTDOOR COND UNIT	
(E) SPARE			(E)15	3	13	A	14	3	(E)15			(E) SPACE	
(E) SPARE			(E)15	3	15	B	16	-	-			(E) SPACE	
(E) SPARE			(E)15	3	17	C	18	-	-			(E) SPACE	
(E) SPARE			(E)15	3	19	A	20	3	(E)15			(E) SPACE	
(E) SPARE			(E)15	3	21	B	22	-	-			(E) SPACE	
(E) SPARE			(E)15	3	23	C	24	-	-			(E) SPACE	
(E) SPARE			(E)15	3	25	A	26	3	(E)50			(E) 15 HP ELEVATOR MOTOR	
(E) SPARE			(E)15	3	27	B	28	-	-			(E) SPACE	
(E) SPARE			(E)15	3	29	C	30	-	-			(E) SPACE	
(N) MICROINVERTER 7	LTG	0.15			31	A	32					(E) SPACE	
(E) SPACE					33	B	34					(E) SPACE	
(E) SPACE					35	C	36					(E) SPACE	

ESTIMATED MAXIMUM DEMAND (EMD) CALCULATIONS			
LOAD SUMMARY:	LOAD TYPE:	CONNECTED	NEC DEMAND
LIGHTING	LTG	6.03 KVA	7.54 KVA (125%)
RESIDENT LTG/RECP	RES	0.00 KVA	0.00 KVA (100/3525 %)
SMALL APPLIANCE	RES	0.00 KVA	0.00 KVA (100/3525 %)
LARGEST MOTOR		KVA	0.00 KVA (125%)
REMAINING MOTORS	MTR	0.00 KVA	0.00 KVA (100%)
GEN PURPOSE RECP	REC	0.00 KVA	0.00 KVA (50% > 10KVA)
COMPUTER RECP	MISC	0.00 KVA	0.00 KVA (100%)
EQUIP/OTHER	MISC	0.20 KVA	0.20 KVA (100%)
HEATING	MISC	0.00 KVA	0.00 KVA (100%)
ELEVATOR	ELEV	0.00 KVA	0.00 KVA @ 100%
KITCHEN EQPT	KITCH	0.00 KVA	0.00 KVA @ 65%
<b>TOTALS:</b>		<b>6.23 KVA</b>	<b>7.74 KVA</b>
		<b>7.49 AMPS</b>	<b>9.31 AMPS</b>

CONNECTED PHASE LOADING			
PHASE	LOAD	AMPS	NEC DEMAND
PHASE A:	1.63 KVA		
PHASE B:	3.33 KVA		
PHASE C:	1.28 KVA		

NOTES:  
 1. LIGHT LINEWEIGHT AND 'E' DENOTES EXISTING.  
 2. BOLD LINEWEIGHT AND 'N' DENOTES NEW.  
 3. CONTRACTOR SHALL CONFIRM ALL EXISTING CONDITIONS PRIOR CONSTRUCTION. CONTRACTOR TO VERIFY THAT CIRCUITS IDENTIFIED ARE AVAILABLE FOR USE AS INDICATED ON PLANS.  
 4. CONTRACTOR SHALL MARK CIRCUIT DESCRIPTIONS AS 'SPARE' IF LOAD IS FOUND TO BE REMOVED.  
 5. PROVIDE CT METER FOR TIE-IN TO CAMPUS BACNET SYSTEM ON CIRCUITS NOTED.

(E) PANEL API (FORMERLY PANEL AP2)													
PANEL: (E) API		LOCATION: LEVEL 1		VOLTS: 208 Y1 120 P 3				W: 4		AIC RATING: 10K		MOUNT: <input type="checkbox"/> SURFACE <input checked="" type="checkbox"/> FLUSH	
AMP: 225		MLO: <input checked="" type="checkbox"/> MCB: <input type="checkbox"/>		NEUTRAL: 100%				FED FROM: (E) AL1		TYPE: EXISTING <input checked="" type="checkbox"/> NEW <input type="checkbox"/>		STYLE: PANELBOARD	
CIRCUIT DESCRIPTION	LOAD		P	CIR #	P	CIR #	P	CIR #	P	LOAD		CIRCUIT DESCRIPTION	
	TYPE	KVA								BKR	KVA		TYPE
(E) LTG RM: 103, 104, 116 & ELEV. PIT.			(E)20	1	1	A	2	1	(E)20	1.00	MISC	(N) DOOR HARDWARE - NORTH ENTRANCE	
(E) LTG RM: 116, 102			(E)20	1	3	B	4	1	(E)20	1.00	MISC	(N) DOOR HARDWARE - SOUTH ENTRANCE	
(E) REC. RM: 103, 104, SURF RACEWAY			(E)20	1	5	C	6	1	(E)20			(E) REC. RM: 103, SURF RACEWAY	
(E) REC. RM: 103, 104, SURF RACEWAY			(E)20	1	7	A	8	1	(E)20			(E) REC. RM: 103, SURF RACEWAY	
(E) REC. EXT. ELECT. CHART CHARGER			(E)20	1	9	B	10	1	(E)20			(E) REC. RM: 102, SOLDER BENCH	
(E) REC. RM: 100, 102, 105 & IN WALL AMP.			(E)20	1	11	C	12	1	(E)20			(E) REC. RM: 102, SURF RACEWAY	
(E) REC. RM: 101, 102, 103 & 114			(E)20	1	13	A	14	1	(E)20			(E) REC. RM: 102, SURF RACEWAY	
(N) DRINKING FOUNTAIN			(N)20	1	15	B	16	1	(E)20			(E) SPARE	
(E) SPARE			(E)20	1	17	C	18	1	(E)20			(E) SPARE	
(E) LTG RM: 100, 103, 104, 106, 110			(E)20	1	19	A	20	1	(E)20			(E) SPARE	
(N) GENERATOR RECEPTACLE (NOTE 5)	REC	0.18	(E)20	1	21	B	22	2	(E)20			(E) REC. EXTERIOR "NORTH"	
(N) OUTDOOR MECH RECEPTACLE (NOTE 5)	REC	0.18	(E)20	1	23	C	24	-	-			(E) SPACE	
(N) DOOR HARDWARE - UNISEX 108	MISC	1.00	(E)20	1	25	A	26	1	(E)30			(E) SPACE	
(N) DOOR HARDWARE - UNISEX 109	MISC	1.00	(E)20	1	27	B	28	-	-			(E) SPACE	
(E) SPARE			(E)20	1	29	C	30	2	(E)30			(E) SPACE	
(E) SPARE			(E)20	1	31	A	32	-	-			(E) SPACE	
(E) SPARE			(E)20	1	33	B	34	-	-			(E) SPACE	
(E) SPARE			(E)20	1	35	C	36	-	-			(E) SPACE	

ESTIMATED MAXIMUM DEMAND (EMD) CALCULATIONS			
LOAD SUMMARY:	LOAD TYPE:	CONNECTED	NEC DEMAND
LIGHTING	LTG	0.00 KVA	0.00 KVA (125%)
RESIDENT LTG/RECP	RES	0.00 KVA	0.00 KVA (100/3525 %)
SMALL APPLIANCE	RES	0.00 KVA	0.00 KVA (100/3525 %)
LARGEST MOTOR		KVA	0.00 KVA (125%)
REMAINING MOTORS	MTR	0.00 KVA	0.00 KVA (100%)
GEN PURPOSE RECP	REC	0.36 KVA	0.36 KVA (50% > 10KVA)
COMPUTER RECP	MISC	0.00 KVA	0.00 KVA (100%)
EQUIP/OTHER	MISC	4.37 KVA	4.37 KVA (100%)
HEATING	MISC	0.00 KVA	0.00 KVA (100%)
ELEVATOR	ELEV	0.00 KVA	0.00 KVA @ 100%
KITCHEN EQPT	KITCH	0.00 KVA	0.00 KVA @ 65%
<b>TOTALS:</b>		<b>4.73 KVA</b>	<b>4.73 KVA</b>
		<b>13.13 AMPS</b>	<b>13.13 AMPS</b>

CONNECTED PHASE LOADING			
PHASE	LOAD	AMPS	NEC DEMAND
PHASE A:	2.00 KVA		
PHASE B:	2.55 KVA		
PHASE C:	0.18 KVA		

NOTES:  
 1. LIGHT LINEWEIGHT AND 'E' DENOTES EXISTING.  
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 3. CONTRACTOR SHALL CONFIRM ALL EXISTING CONDITIONS PRIOR CONSTRUCTION. CONTRACTOR TO VERIFY THAT CIRCUITS IDENTIFIED ARE AVAILABLE FOR USE AS INDICATED ON PLANS.  
 4. CONTRACTOR SHALL MARK CIRCUIT DESCRIPTIONS AS 'SPARE' IF LOAD IS FOUND TO BE REMOVED.  
 5. PROVIDE CT METER FOR TIE-IN TO CAMPUS BACNET SYSTEM ON CIRCUITS NOTED.

(E) PANEL AL													
PANEL: (E) AL		LOCATION: LEVEL 2		VOLTS: 480 Y1 277 P 3				W: 4		AIC RATING: 14K		MOUNT: <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH	
AMP: 400		MLO: <input type="checkbox"/> MCB: <input checked="" type="checkbox"/> 400A		NEUTRAL: 100%				FED FROM: (E) SWBD L		TYPE: EXISTING <input checked="" type="checkbox"/> NEW <input type="checkbox"/>		STYLE: PANELBOARD	
CIRCUIT DESCRIPTION	LOAD		P	CIR #	P	CIR #	P	CIR #	P	LOAD		CIRCUIT DESCRIPTION	
	TYPE	KVA								BKR	KVA		TYPE
(E) LTG RM: 200, 206, 207, 215, 216 & 219			(E)20	1	1	A	2	1	(E)20			(E) LTG. RM: 208 & 209	
(E) LTG RM: 201 THRU 205			(E)20	1	3	B	4	1	(N)90	16.05	MTR	(N) EWH-2-1	
(E) SPARE			(E)20	1	5	C	6	1	(N)30	5.54	MTR	(N) EWH-2-2	
(E) EWH-2-3	MTR	5.54	(N)30	1	7	A	8	2	(E)40			(E) COMPUTER PANEL	
(N) EWH-1-1	MTR	5.54	(N)30	1	9	B	10	-	-			(E) SPACE	
(N) EWH-1-2	MTR	5.54	(N)30	1	11	C	12	-	-			(E) SPACE	
(E) AC-5			(E)15	3	13	A	14	3	(E)15			(E) AC-6	
(E) AC-5			(E)15	3	15	B	16	-	-			(E) AC-7	
(E) AC-5			(E)15	3	17	C	18	-	-			(E) AC-8	
(E) AC-5			(E)15	3	19	A	20	3	(E)20			(E) AC-8 RM 201	
(E) AC-7			(E)15	3	21	B	22	-	-			(E) AC-8	
(E) AC-7			(E)15	3	23	C	24	-	-			(E) AC-8	
(E) AC-7			(E)15	3	25	A	26	3	(E)20			(E) AC-8	
(E) AC-5			(E)20	3	31	A	32	3	(E)40			(E) 15KW, ELEC WATER HEATER	
(E) AC-5			(E)20	3	33	B	34	-	-			(E) SPACE	
(E) AC-5			(E)20	3	35	C	36	-	-			(E) SPACE	
(E) AC-5			(E)20	3	37	A	38	3	(E)100	1.63	COMB	(E) PANEL ALI	
(E) PANEL AL1	COMB	15.09	(E)90	3	37	A	38	3	(E)100	1.63	COMB	(E) PANEL ALI	
(E) PANEL AL1	COMB	30.60	-	-	39	B	40	-	-	3.33	COMB	(E) PANEL ALI	
(E) PANEL AL1	COMB	36.05	-	-	41	C	42	-	-	1.28	COMB	(E) PANEL ALI	

ESTIMATED MAXIMUM DEMAND (EMD) CALCULATIONS			
LOAD SUMMARY:	LOAD TYPE:	CONNECTED	NEC DEMAND
LIGHTING	LTG	6.03 KVA	7.54 KVA (125%)
RESIDENT LTG/RECP	RES	0.00 KVA	0.00 KVA (100/3525 %)
SMALL APPLIANCE	RES	0.00 KVA	0.00 KVA (100/3525 %)
LARGEST MOTOR		KVA	0.00 KVA (125%)
REMAINING MOTORS	MTR	60.53 KVA	60.53 KVA (100%)
GEN PURPOSE RECP	REC	13.88 KVA	11.94 KVA (50% > 10KVA)
COMPUTER RECP	MISC	0.00 KVA	0.00 KVA (100%)
EQUIP/OTHER	MISC	43.40 KVA	43.40 KVA (100%)
HEATING	MISC	0.00 KVA	0.00 KVA (100%)
ELEVATOR	ELEV	0.00 KVA	0.00 KVA @ 100%
KITCHEN EQPT	KITCH	2.34 KVA	1.52 KVA @ 65%
<b>TOTALS:</b>		<b>126.17 KVA</b>	<b>124.92 KVA</b>
		<b>151.76 AMPS</b>	<b>150.26 AMPS</b>

CONNECTED PHASE LOADING			
PHASE	LOAD	AMPS	NEC DEMAND
PHASE A:	22.25 KVA		
PHASE B:	55.52 KVA		
PHASE C:	48.40 KVA		

NOTES:  
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(E) PANEL AL1 (FORMERLY PANEL AP)													
PANEL: (E) AL1		LOCATION: LEVEL 2		VOLTS: 208 Y1 120 P 3				W: 4		AIC RATING: 10K		MOUNT: <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH	
AMP: 250		MLO: <input type="checkbox"/> MCB: <input checked="" type="checkbox"/> 250A		NEUTRAL: 100%				FED FROM: (E) AL VIA XFMR		TYPE: EXISTING <input checked="" type="checkbox"/> NEW <input type="checkbox"/>		STYLE: PANELBOARD	
CIRCUIT DESCRIPTION	LOAD		P	CIR #	P	CIR #	P	CIR #	P	LOAD		CIRCUIT DESCRIPTION	
	TYPE	KVA								BKR	KVA		TYPE
(N) DDC PANEL			(E)20	1	1	A	2	3	(N)60	5.30	MTR	(N) CU-1	
(E) JACKET WATER HEATER	MISC	0.50	(E)20	1	3	B	4	-	-	5.30	MTR	(N) CU-1	
(N) BATTERY CHARGER	MISC	5.30	(E)20	1	5	C	6	-	-	5.30	MTR	(N) CU-1	
(E) REC. RM: 200, 215, 216, 217 & 219			(E)20	1	7	A	8	1	(E)20	0.31	MTR	(N) EF-RF-1	
(E) ELEVATOR CAR LIGHTS			(E)20	1	9	B	10	1	(E)20	0.50	MTR	(N) CONDENSATE PUMPS FOR FCU'S	