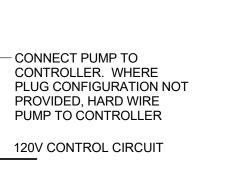
LOCATION: MOUNTING: SU MAIN DEVICE: 20 BUS AMPS: 22	0 A MLO	NEMA		ELE	V(A.I.C.	OLTAC	GE : 12	0/208	V. 3 ø - MPS S	4 W. SYMMETRICA	۸L			
LOAD DESCRIPTION	BKR	Р	CCT#		Α		в		C	CCT#	Р	BKR	LOA	D DESCRIPTION
EXIT SIGN	15 A	1	CR-1	0.0	1.2					CR-2	1	25 A	SUMP PU	
SUMP PUMP 3	25 A	1	CR-3			1.2	1.2			CR-4	1	25 A	SUMP PU	MP 2
SUMP PUMP 5	25 A	1	CR-5					1.2	1.2	CR-6	1	25 A	SUMP PU	
SUMP PUMP 4	25 A	1	CR-7	1.2	0.0					CR-8	1	15 A	MOTORIS	ED DAMPER
MOTORISED DAMPERS	15 A	1	CR-9			0.0	0.2			CR-10	1	15 A	BU-CR	
			CR-11					5.7	1.2	CR-12	1	15 A	LITES CR	AWLSPACE 1
DEHUMIDIFICATION UNIT	70 A	3	CR-13	5.7	0.1					CR-14				• • •
			CR-15			5.7	0.1			CR-16	- 2	15 A	EXHAUST FAN	
			CR-17					0.4	3.1	CR-18			0.0110.511	
CIRCULATION FAN 1	15 A	3	CR-19	0.4	3.1					CR-20	- 2	40 A	CONDEN	SING UNIT 1
			CR-21			0.4	0.4			CR-22				
SUMP PUMP 7	25 A	1	CR-23					1.2	0.4	CR-24	3	15 A	CIRCULATION FAN 2	
SUMP PUMP 8	25 A	1	CR-25	1.2	0.4					CR-26				
SUMP PUMP 9	25 A	1	CR-27			1.2	1.2			CR-28	1	25 A	SUMP PU	MP 10
			CR-29							CR-30				
			CR-31							CR-32				
			CR-33							CR-34				
Spare	15 A	1	CR-35					0.0	0.0	CR-36	1	20 A	Spare	
Spare	15 A	1	CR-37	0.0	0.0					CR-38	1	20 A	Spare	
Spare	15 A	1	CR-39			0.0	0.0			CR-40	1	20 A	Spare	
Spare	15 A	1	CR-41					0.0	0.0	CR-42	1	20 A	Spare	
		то	TAL LOAD:	13	kVA		kVA	14	kVA		_			
		то	TAL AMPS:		3 A		6 A	12						
LOAD CLASSIFICATION	C		ECTED					IMATE				PANEL	. TOTALS	i
LITES			3 VA		0.00%			33 VA						
SPEC		37881 VA		10	0.00%		378	381 VA	\					39174 VA
														39174 VA
													JRRENT: JRRENT:	
										ESI	. DEIVI		JARENI:	109 A
NOTES:														

 \sim PUMP #1 PUMP #2 4 3 120V CONTROL CIRCUIT 2 1 5 REMOTE ALARM $\mathbf{\nabla}$ 47 ^{_} DUPLEX CONTROLLER SUPPLIED BY MECHANICAL AND INSTALLED BY ELECTRICAL CIRCUITS BACK TO ELECTRICAL PANEL. REFER TO EQUIPMENT SCHEDULES - DISCONNECT SWITCH SUPPLIED AND INSTALLED BY ELECTRICAL KEY NOTES GENERAL NOTES 1. HIGH WATER ALARM. FLOATS AND ALARM SUPPLIED BY MECHANICAL AND INSTALLED BY ELECTRICAL. • REMOTE ALARM(S) SUPPLIED BY MECHANICAL AND INSTALLED 3. START PUMP #1 FLOAT CONTROL. BY ELECTRICAL. 4. STOP PUMP FLOAT CONTROL. • REFER TO MECHANICAL FOR CONTROL WITH DDC SYSTEM. COORDINATE SIZE AND QUANTITY OF ELECTRICAL CONNECTIONS WITH MECHANICAL CONTRACTOR PRIOR TO TENDER CLOSE. ADJUST QUANTITY AND SIZE OF BREAKERS AND WIRING TO ACCOMMODATE SUPPLIED CONTROLLER AT NO ADDITIONAL COST TO OWNER.

TYPICAL DUPLEX SUMP PUMP WIRING DETAIL



2. START ALTERNATE PUMP #2 FLOAT CONTROL. 5. REMOTE ALARM PANEL. REFER TO MECHANICAL CONSTRUCTION DOCUMENTS FOR LOCATIONS.

						ME					NECTIO	JN SCHED	JULE			
		LOAD				_				STAR		CONTROL D	-	DISCON	1	_
NO.	DESCRIPTION		HP	А	W	VOLT	PH	CIRCUIT	CONDUIT & WIRE SIZE	COMPONENT	FURN. INST. WIRED	COMPONENT	FURN. INST. WIRED	COMPONENT	FURN. INST. WIRED	
CU-1	EXTERNAL CONDENSING UN	NIT		30 A		208 V	1	40A/2P	21(3/4")C-2#8, #10 BOND			DDC	DIV. 23 DIV. 23 DIV. 23	NFS	DIV. 26 DIV. 26 DIV. 26	
DH-1	DEHUMIFICATION UNIT			47.7 A		208 V	3	70A/3P	27(1")C-3#4, #8 BOND			DDC	DIV. 23 DIV. 23 DIV. 23	NFS	DIV. 26 DIV. 26 DIV. 26	
EF-1	1 EXHAUST FAN			0.8 A		208 V	1	15A/2P	21(3/4")C-2#12, #12 BOND	MAG	DIV. 26 DIV. 26 DIV. 26	DDC	DIV. 23 DIV. 23 DIV. 23	NFS	DIV. 26 DIV. 26 DIV. 26	
F-1	CIRCULATION FAN			3.5 A		208 V 3 15A/3P		21(3/4")C-3#12, #12 BOND	MAG DIV. 26 DIV. 26 DIV. 26		DDC	DIV. 23 DIV. 23 DIV. 23	NFS	DIV. 26 DIV. 26 DIV. 26	Ī	
F-2	CIRCULATION FAN			3.5 A		208 V	3	15A/3P	21(3/4")C-3#12, #12 BOND	MAG DIV. 26 DIV. 26 DIV. 26		DDC	DIV. 23 DIV. 23 DIV. 23	NFS	DIV. 26 DIV. 26 DIV. 26	
P-1	SUMP PUMP			9.8 A		120 V	1	25A/1P	21(3/4")C-2#12, #12 BOND	PKG	DIV. 23 DIV. 23 DIV. 26			NFS	DIV. 26 DIV. 26 DIV. 26	1
P-2	SUMP PUMP			9.8 A		120 V	1	25A/1P	21(3/4")C-2#12, #12 BOND	PKG	DIV. 23 DIV. 23 DIV. 26			NFS	DIV. 26 DIV. 26 DIV. 26	1
P-3	SUMP PUMP		9.8 A			120 V	1	25A/1P	21(3/4")C-2#12, #12 BOND	PKG	DIV. 23 DIV. 23 DIV. 26			NFS	DIV. 26 DIV. 26 DIV. 26	1
P-4	SUMP PUMP	IP 9.8 A 120 V 1		25A/1P	21(3/4")C-2#12, #12 BOND	PKG	DIV. 23 DIV. 23 DIV. 26			NFS	DIV. 26 DIV. 26 DIV. 26	1				
P-5	SUMP PUMP			9.8 A		120 V	1	25A/1P	21(3/4")C-2#12, #12 BOND	PKG	DIV. 23 DIV. 23 DIV. 26			NFS	DIV. 26 DIV. 26 DIV. 26	ľ
P-6	SUMP PUMP			9.8 A		120 V	1	25A/1P	21(3/4")C-2#12, #12 BOND	PKG	DIV. 23 DIV. 23 DIV. 26			NFS	DIV. 26 DIV. 26 DIV. 26	ŀ
P-7	SUMP PUMP			9.8 A		120 V	1	25A/1P	21(3/4")C-2#12, #12 BOND	PKG	DIV. 23 DIV. 23 DIV. 26			NFS	DIV. 26 DIV. 26 DIV. 26	ľ
P-8	SUMP PUMP			9.8 A		120 V	1	25A/1P	21(3/4")C-2#12, #12 BOND	PKG	DIV. 23 DIV. 23 DIV. 26			NFS	DIV. 26 DIV. 26 DIV. 26	ſ
P-9	SUMP PUMP			9.8 A		120 V	1	25A/1P	21(3/4")C-2#12, #12 BOND	PKG	DIV. 23 DIV. 23 DIV. 26			NFS	DIV. 26 DIV. 26 DIV. 26	ľ
- 10	SUMP PUMP			9.8 A		120 V	1	25A/1P	21(3/4")C-2#12, #12 BOND	PKG	DIV. 23 DIV. 23 DIV. 26			NFS	DIV. 26 DIV. 26 DIV. 26	Í
MAG MAN PKG	TER TYPE: MAGNETIC MANUAL PACKAGED UNIT VARIABLE FREQUENCY DRIVE	FS NFS	BINATION I FUSED SWITH NON-FUSED MOTOR CIRC CIRCUIT BRE	CH SWITCH CUIT PROTE		YPES:		EC ELE GC GE MC ME OWN OW SC SPI TC TIM	VIATIONS: ECTRICAL CONTRAC NERAL CONTRACTO CHANICAL CONTRAC /NER EED CONTROL IE CLOCK ERMOSTAT	R						

GENERAL NOTES:

A. CIRCUITING IS REPRESENTATIONAL ONLY. CONFIRM CIRCUITING ARRANGEMENTS ON SITE WITH EXISTING CONDITIONS.

B. DESIGN FOR ELECTRICAL CONNECTION OF MECHANICAL EQUIPMENT IDENTIFIED ABOVE IS IDENTIFIED FOR MECHANICAL BASIS OF DESIGN EQUIPMENT. COORDINATE EQUIPMENT SUPPLIED WITH MECHANICAL CONTRACTOR PRIOR TO TENDER CLOSE AND MAKE ALL ADJUSTMENTS INCLUDING BUT NOT LIMITED TO QUANTITIES AND RATINGS OF CIRCUITS, BREAKERS AND WIRING AT NO ADDITIONAL COST TO OWNER. C. REFER TO MECHANICAL SPECIFICATION SECTION 25 90 00 SEQUENCE OF OPERATIONS. COORDINATE WIRING AND INTERCONNECTION REQUIREMENTS WITH MECHANICAL CONTRACTOR.

NOTES:

1. WIRE AND CONNECT SUMP PUMPS TO SUMP PUMP CONTROLLER C/W ALL ASSOCIATED CONTROLS AND REMOTE ALARM PANEL. REFER TO TYPICAL SUMP PUMP DETAIL.

		LI	GHTING	FIXTURE	SCHEDUI	_E
TYPE	Description	LENS-LOUVER	MOUNTING	LAMP	BALLAST / DRIVER	VOL
ELA26	DOUBLE HEAD EMERGENCY LIGHTING DECORATIVE REMOTE. DIE CAST ALUMINUM CONSTRUCTION. WHITE		WALL	2 x 6W LED 50000HR 540 LUMENS	LED	12
EX1	LED UNIVERSAL MOUNT, UNIVERSAL VOLTAGE, UNIVERSAL SINGLE/DOUBLE FACE PICTOGRAM STYLE EXIT SIGN WITH WHITE ALUMINUM HOUSING AND CHEVRON ARROWS AS SHOWN ON PLANS.		UNIVERSAL	< 3W LED MIN 50000 HR		120
SL1	8' LINEAR LED STRIP C/W WIREGUARD		SURFACE	LED 6380LM 80+CRI 3500K √60000HR	0-10V DIMMING LED DRIVER	120
A. E	MERGENCY LIGHTING MODEL NUMBERS ARE I					
	ELA26 EX1 SL1 GENE A. E	ELA26 DOUBLE HEAD EMERGENCY LIGHTING DECORATIVE REMOTE. DIE CAST ALUMINUM CONSTRUCTION. WHITE EX1 LED UNIVERSAL MOUNT, UNIVERSAL VOLTAGE, UNIVERSAL SINGLE/DOUBLE FACE PICTOGRAM STYLE EXIT SIGN WITH WHITE ALUMINUM HOUSING AND CHEVRON ARROWS AS SHOWN ON PLANS. SL1 8' LINEAR LED STRIP C/W WIREGUARD <u>GENERAL NOTES</u> : A. EMERGENCY LIGHTING MODEL NUMBERS ARE I	TYPEDescriptionLENS-LOUVERELA26DOUBLE HEAD EMERGENCY LIGHTING DECORATIVE REMOTE. DIE CAST ALUMINUM CONSTRUCTION. WHITEEX1LED UNIVERSAL MOUNT, UNIVERSAL VOLTAGE, UNIVERSAL SINGLE/DOUBLE FACE PICTOGRAM STYLE EXIT SIGN WITH WHITE ALUMINUM HOUSING AND CHEVRON ARROWS AS SHOWN ON PLANSSL18' LINEAR LED STRIP C/W WIREGUARDOPAL POLYCARBONATEGENERAL NOTES: A. EMERGENCY LIGHTING MODEL NUMBERS ARE BASED ON LUMACELL PROD	TYPE Description LENS-LOUVER MOUNTING ELA26 DOUBLE HEAD EMERGENCY LIGHTING DECORATIVE REMOTE. DIE CAST ALUMINUM CONSTRUCTION. WHITE WALL EX1 LED UNIVERSAL MOUNT, UNIVERSAL VOLTAGE, UNIVERSAL VOLTAGE, UNIVERSAL SINGLE/DOUBLE FACE PICTOGRAM STYLE EXIT SIGN WITH WHITE ALUMINUM HOUSING AND CHEVRON ARROWS AS SHOWN ON PLANS. UNIVERSAL SL1 8' LINEAR LED STRIP C/W WIREGUARD OPAL POLYCARBONATE SURFACE GENERAL NOTES: A. EMERGENCY LIGHTING MODEL NUMBERS ARE BASED ON LUMACELL PRODUCT LINE. EMERGENCY LINE. EMERGENCY	TYPE Description LENS-LOUVER MOUNTING LAMP ELA26 DOUBLE HEAD EMERGENCY LIGHTING DECORATIVE REMOTE. DIE CAST ALUMINUM CONSTRUCTION. WHITE WALL 2 x 6W LED 50000HR 540 LUMENS EX1 LED UNIVERSAL MOUNT, UNIVERSAL VOLTAGE, UNIVERSAL SINGLE/DOUBLE FACE PICTOGRAM STYLE EXIT SIGN WITH WHITE ALUMINUM HOUSING AND CHEVRON ARROWS AS \$HOWN ON PLANS. UNIVERSAL < 3W LED MIN 50000 HR SL1 8' LINEAR LED STRIP C/W WIREGUARD OPAL POLYCARBONATE SURFACE LED 6380LM 80+CRI 3500K 60000HR GENERAL NOTES: A. EMERGENCY LIGHTING MODEL NUMBERS ARE BASED ON LUMACELL PRODUCT LINE. EMERGILITE, BEGHELLI, A	TYPEDescriptionLENS-LOUVERMOUNTINGLAMPDRIVERELA26DOUBLE HEAD EMERGENCY LIGHTING DECORATIVE REMOTE. DIE CAST ALUMINUM CONSTRUCTION. WHITEWALL2 x 6W LED 50000HR 540 LUMENSLEDEX1LED UNIVERSAL MOUNT, UNIVERSAL VOLTAGE, UNIVERSAL SINGLE/DOUBLE FACE PICTOGRAM STYLE EXIT SIGN WITH WHITE ALUMINUM HOUSING AND CHEVRON ARROWS AS SHOWN ON PLANSUNIVERSAL SURFACE< 3W LED MIN 50000 HRSL18' LINEAR LED STRIP C/W WIREGUARDOPAL POLYCARBONATESURFACELED 6380LM 80+CRI 3500K (60000HR0-10V DIMMING LED DRIVER

	EMERGENCY BATTERY BANK SCHEDULE													
		BATTERY		NUMBER	WATTS		AC	DC	SUPPLIED	TOTAL	TOTAL DC LOAD WITH	MAX WATT		
ID	DESCRIPTION	SIZE	HEADS	OF HEADS	PER HEAD	VSR	VOLT	VOLT	FROM	DC LOAD	SAFETY FACTOR	30 MIN	MFR	MODEL
	BATTERY BANK, STEEL CABINET COMPLETE WITH AC/DC TERMINAL BLOCKS.	360 W	YES	2	6	YES	120 V	12 V	CR	254 W	318 W	360 W	LUMACELL	RG12S360
GENERAL NOTES: A. EMERGENCY LIGHTING MODEL NUMBERS ARE BASED ON LUMACELL PRODUCT LINE. EMERGILITE, BEGHELLIE, AND AIMLITE MEETING PERFORMANCE SPECIFICATIONS ARE APPROVED EQUAL. B. BATTERY BANK SHALL BE C/W CORD AND 5-15P PLUG. PROVIDE 5-15R/5-20P RECEPTACLE TO MATCH CIRCUIT RATING.														

B. BATTERY BANK SHALL BE C/W CORD AND 5-15P PLUG. PROVIDE 5-15R/5-20R RECEPTACLE TO MATCH CIRCUIT RATING.

