





## ELECTRICAL SYMBOL LEGEND

SOME SYMBOLS AND ABBREVIATIONS ON THIS LEGEND MAY NOT BE USED

## CIRCUITING

	HOME RUN (#120 UNO)
	INDICATES 2 PHASE, 1 N, & 1 GND CONDUCTOR
	HOME RUN INDICATES SHARED CIRCUIT
	HOME RUN INDICATES #10 CONDUCTORS ENTIRELY
<b>UTILITIES</b>	
--- UG ---	UNDERGROUND ELECTRICAL
--- OE ---	OVERHEAD ELECTRICAL
--- TEL ---	TELECOMMUNICATIONS CIRCUIT
--- UG ---	UNDERGROUND TELECOMMUNICATIONS CIRCUIT

## POWER DEVICES

	HOUE RUN (2 1/2" #12 UNO)
	HOUE RISE (2 PHASE, 1 & 1 ØØØ CONDUCTOR)
	HOUE RISE (INDICATES SHARED CIRCUIT)
	HOUE RISE (INDICATES #10 CONDUCTORS ENTIRELY)
<b>UTILITIES</b>	
	UNDERGROUND ELECTRICAL
	OVERHEAD ELECTRICAL
	TELECOMMUNICATIONS CONDUIT
	UNDERGROUND TELECOMMUNICATIONS CONDUIT
<b>LIGHTING</b>	
	FLUORESCENT LIGHT FIXTURE
	FLUORESCENT STRIP FIXTURE
	SURFACE/RECESSED LIGHT FIXTURE
	WALL-MOUNTED LIGHT FIXTURE
	POLE-MOUNTED LIGHT FIXTURE
	EXIT LIGHT
	BATTERY-OPERATED EMERGENCY LIGHT (WALL MNT)
	BATTERY-OPERATED EMERGENCY LIGHT (CEILING MNT)
	WALL-MOUNTED COMBINATION EXIT LIGHT
	LIGHT SWITCH
	SMOKE DETECTOR
<b>OTHER</b>	
	DUPLEX RECEPTACLE
	LINE TRAY (BOTH INDICATES ABOVE COUNTER)
	SPECIAL DUPLEX RECEPTACLE (E.G. ISOLATED GROUND, ETC.)
	QUADPLEX RECEPTACLE
	5-SQR
	CEILING MOUNTED RECEPTACLE
	RECEPTACLE/DIVIDE MOUNTED IN "TOMBSTONE"
	POKE-THRU WITH POWER
	POKE-THRU WITH TELECOMMUNICATIONS
	POKE-THRU W/POWER AND TELCOM
	SINGLE GANG FLOOR BOX (2, 3, 4 GANG SHARED)
	DIVIDED POWER POLE
	CLOCK RECEPTACLE
	PULSE MOLD / WIRE MOLD AS SPECIFIED
<b>OTHER</b>	
	JUNCTION BOX
	THERMISTAT - ELECTRIC
	PUSH BUTTON
	MOTOR

## TELEPHONE/DAT

	TETHERED OUTLET (SINGLE-GANG BOX WITH 1) 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING)
	LINE THRU DEVICE INDICATES ABOVE COUNTER
	DATA OUTLET (DOUBLE-GANG BOX WITH 2) 3/4"
	CONDUITS TO ABOVE ACCESSIBLE CEILING)
	TELEPHONE/DATA OUTLET (DOUBLE-GANG BOX WITH 2) 3/4" CONDUITS TO ABOVE ACCESSIBLE CEILING AS NOTICED - SEE DETAILS FOR ADULT INFO.
	PHONE OUTLET WITH NUMBER OF PHONE JACKS AS NOTICED - SEE DETAILS FOR ADULT INFO.
	DATA OUTLET WITH NUMBER OF PHONE JACKS AS NOTICED - SEE DETAILS FOR ADULT INFO.
	PHONE DATA OUTLET WITH NUMBER OF PHONE JACKS AS NOTICED - SEE DETAILS FOR ADULT INFO.
	WALL-MOUNTED WIRELESS INTERNET TRANSMITTER
	CEILING-MOUNTED WIRELESS INTERNET TRANSMITTER

AUDIO/VISUAL

①	DISCONNECT SWITCH, RE. PLANS FOR INFORMATION.
⊗	MAGNETIC MOTOR STARTER
⊗	COMMUNICATION DISCONNECT SWITCH / MOTOR STARTER
⊗	TOTAL-TYPE DISCONNECT, FINISH WITH THERMAL SURFACE PROTECTION WHERE SERVING FANS/PLUMBS.
⊗	RECESSED PANELBOARD
⊗	DISTRIBUTION PANELBOARD
⊗	SWITCHBOARD, FEEDER/MAIN CIRCUIT BREAKER SECTION AND DISTRIBUTION SECTION.
⊗	INDICATES CONNECT TO EXISTING
⊗	INDICATES ELEVATION
②	TELEVISION OUTLET (SMALL CASE BOX WITH 1/2" x 4" CONDUIT TO ABOVE ACCESSIBLE CEILING)
③	REVERSE TELEVISION OUTLET - CABLE TO HEAD END
④	TICKETER'S DESK CONNECTIONS - RE. DETAILS
⑤	MILL SPEAKER
⑥	CEILING SPEAKER
⑦	MILL SPEAKER - HORN TYPE
⑧	CEILING SPEAKER - HORN TYPE
⑨	CEILING SPEAKER - SUBWOOFER
⑩	CEILING SPEAKER - SOUND SYSTEM
⑪	VOLUME CONTROL
⑫	INTERCOM CALL STATION
⑬	INTERCOM MICROST
⑭	SOUND SYSTEM AUDIO JACK
⑮	REMOTE MICROPHONE CONTROL
⑯	PUBLIC ADDRESS SYSTEM AMPLIFIER
⑰	INTERCOM MASTER STATION

### GENERAL SYMBOLS

 INDICATES CONNECT TO EXISTING  
 INDICATES ELEVATION

## PANELBOARD SCHEDULE

A	PANEL DESIGNATION										MINIMUM AC: 23K
	MAIN BUS AMPS: 408		VOLTAGE: 120/208V		MOUNTING: RECESSED						
	MAIN BREAKER: MCB		PHASEWIRE: 3PH/4W		LOCATION: SEE PLANS						
	PANEL TYPE: WOOD										
	CIRCUIT DESCRIPTION	PCT BRK	CCT	CCT	CCT	CCT BRK	CIRCUIT DESCRIPTION				
	P	AMP	NO.	NO.	AMP	P					
EXHAUST FAN	1	20	3	4	60	3	RUL-3 (VERIFY C.B. SIZE WITH TENDANT'S CONSTRUCTION DOCUMENTS)				
RECEPTACLES PLANTERS	1	20	3	2			TENDANT'S CONSTRUCTION DOCUMENTS)				
DOME-TYPE WINDOW	1	20	3	6							
PATIO STRING LIGHTS	1	20	7	18	60	3	RUL-4 (VERIFY C.B. SIZE WITH TENDANT'S CONSTRUCTION DOCUMENTS)				
SWAGE	1	20	9	18			TENDANT'S CONSTRUCTION DOCUMENTS)				
SWAGE	1	20	13	12							
SWAGE	1	20	13	14	60	3	RUL-5 (VERIFY C.B. SIZE WITH TENDANT'S CONSTRUCTION DOCUMENTS)				
SWAGE	1	20	15	16			TENDANT'S CONSTRUCTION DOCUMENTS)				
SWAGE	1	20	17	18							
SWAGE	1	20	19	22	60	3	RUL-6 (VERIFY C.B. SIZE WITH TENDANT'S CONSTRUCTION DOCUMENTS)				
SWAGE	1	20	21	22							
SWAGE	1	20	23	24			TENDANT'S CONSTRUCTION DOCUMENTS)				
SWAGE	1	20	25	26	20	1	ROOF RECEPTACLES				
SWAGE	1	20	27	28	20	1	SWAGE				
SWAGE	1	20	29	30	20	1	SWAGE				
SWAGE	1	20	31	32	20	1	SWAGE				
SWAGE	1	20	33	34	20	1	SWAGE				
SWAGE	1	20	35	36	20	1	SWAGE				
SWAGE	1	20	37	38	20	1	SWAGE				
SWAGE	1	20	39	40	20	1	SWAGE				
SWAGE	1	20	41	42	20	1	SWAGE				

## PANELBOARD SCHEDULE

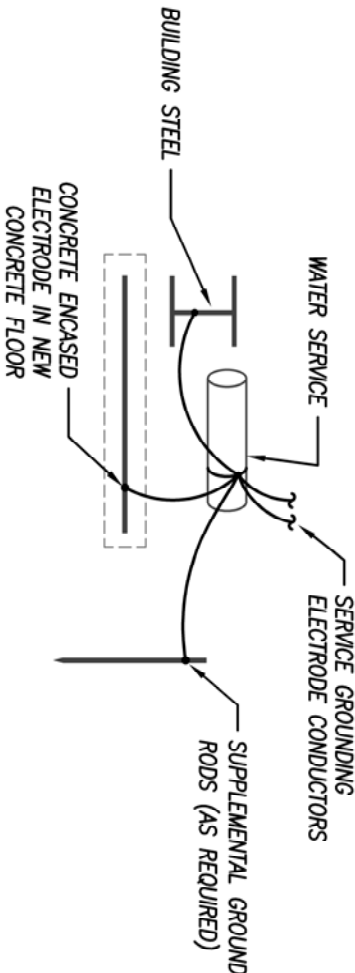
PANEL DESIGNATION		MAIN BUS AMPS: 100		VOLTAGE: 120/240V		MOUNTING SURFACE			
HP		MAIN BREAKER: 100		PHASEWIRE: 3PH/4W		LOCATION: EXTERIOR			
PANEL TYPE:		NEUA 3P				MINIMUM A/C: 22K			
CIRCUIT	DESCRIPTION	KIL PER CIR		CIRCT. RING		CIRCUIT	DESCRIPTION		
		P	AMP	NO.	NO. AMP			P	
REGGATION CONTROLLER		1	20	1	2	20	2	SITE LTR: PARKING LOT	
SPACE			1	20	3	4			
SPACE			1	20	5	6	20	2	SITE LTR: PARKING LOT
SPACE			1	20	7	8			
SPACE			1	20	9	10	20	1	SITE LTR: CAMPERS
SPACE			1	20	11	12	20	1	SITE LTR: WALL PACKS
SPACE			1	20	13	14	20	1	SITE LTR: BM LIGHTS
SPACE			1	20	15	16	20	1	SPACE
SPACE			1	20	17	18	20	1	SPACE
SPACE			1	20	19	20	20	1	SPACE
SPACE					21	22			SPACE
SPACE					23	24			SPACE
SPACE					25	26			
SPACE					27	28			SPACE
SPACE					29	30			SPACE

## PANELBOARD SCHEDULE

PANEL DESIGNATION		MAIN BUS AMPS: 225A		VOLTAGE: 120/208V		MOUNTING: RECESSED	
B		MAIN BREAKER: 200A		PHASE/VOL: 3PH/4W		LOCATION: SEE PLANS	
CIRCUIT DESCRIPTION		PANEL TYPE: MCCB		MINIMUM MC: 22K			
CIRCUIT DESCRIPTION	CIRCUIT BREAKER	CIRCUIT AMP	CIRCUIT NO.	CIRCUIT AMP	CIRCUIT P	CIRCUIT DESCRIPTION	
						CIRCUIT AMP	CIRCUIT P
SPARE	1	20	1	2	3	RU-1 (VERY CB. SIZE WITH	
SPARE	1	20	3	2		EDMONT'S CONSTRUCTION DOCUMENTS)	
SPARE	1	20	5	6			
SPARE	1	20	7	8	3	RU-2 (VERY CB. SIZE WITH	
SPARE	1	20	9	10		EDMONT'S CONSTRUCTION DOCUMENTS)	
SPARE	1	20	11	12			
SPARE	1	20	13	14	20	1	ROOF RECEPICLES
SPARE	1	20	15	16	20	1	SPARE
SPARE	1	20	17	18	20	1	SPARE
SPARE	1	20	19	20	20	1	SPARE
SPARE	1	20	21	22	20	1	SPARE
SPARE	1	20	23	24	20	1	SPARE
SPARE	1	20	25	26	20	1	SPARE
SPARE	1	20	27	28	20	1	SPARE
SPARE	1	20	29	30	20	1	SPARE
SPARE	1	20	31	32	20	1	SPARE
SPARE	1	20	33	34	20	1	SPARE
SPARE	1	20	35	36	20	1	SPARE
SPARE	1	20	37	38	20	1	SPARE
SPARE	1	20	39	40	20	1	SPARE
SPARE	1	20	41	42	20	1	SPARE

## GROUNDING ELECTRODE SYSTEM

N.T.S



## GENERAL ELECTRICAL NOTES

1. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED VERSION OF THE NATIONAL ELECTRICAL CODE, LOCAL AND STATE CODES, AND REQUIREMENTS OF THE A.H.J.
2. COORDINATE LOCATIONS OF RECEPTILES, SWITCHES, ETC. WITH ARCHITECTURAL SCHEMATIC AND ELEVATIONS
3. PROVIDE ALL NECESSARY BRACKETS FOR MOUNTING HEIGHTS OF ALL DEVICES AND UNMOUNTED OTHERWISE
4. PROVIDE ALL EMPTY CONDUITS WITH PULL STRINGS AND BUSHED ENDS
5. CONTRACTOR SHALL CONCEAL ALL CONDUIT, FITTINGS, AND DEVICES FROM VIEW WHERE RESPONSIBLE POSSIBLE

## ELECTRICAL RISER KEYED NOTES

- 1 200 AMP, 3 PH, NEUA, BR DISCONNECT SWITCH RASED
- 2 400 AMP, 3 PH, NEUA, BR DISCONNECT SWITCH RASED
- 3 1 SET OF (4) #3/0 AND (1) #6 GND, IN 2-1/2" C.
- 4 (4) #1 AND (1) #6 GND, IN 1-1/2" C.
- 5 800A, 120/208V, 3PH, 4W NEUA, BR ELECTRONIC TRIP CIRCUIT BREAKER SERVICE RATED DISCONNECT
- 6 #3/0 GROUNDING ELECTRODE CONDUCTOR, RE. DETAIL
- 7 2 SETS OF (4) #3/0 AND (1) #6 GND, IN 2-1/2" C.

## ELECTRICAL RISER DIAGRAM

NO SCALE

