	2'x4' LED LIGHT FIXTURE, CEILING MOUNTED.	f
	2'x4' LED LIGHT FIXTURE, CEILING MOUNTED, CONNECTED TO EMERGENCY SYSTEM BRANCH CIRCUIT.	f, k
	1'x4' LED LIGHT FIXTURE, CEILING MOUNTED.	f
	1'x4' LED LIGHT FIXTURE, CEILING MOUNTED, CONNECTED TO EMERGENCY SYSTEM BRANCH CIRCUIT.	f, k
	1'x4' LED LIGHT FIXTURE, WALL MOUNTED.	f
	1'x4' LED LIGHT FIXTURE, WALL MOUNTED, CONNECTED TO EMERGENCY SYSTEM BRANCH CIRCUIT.	f, k
<u> </u>	LED STRIP LIGHT FIXTURE, SUSPENDED.	f
0	LED STRIP LIGHT FIXTURE, SUSPENDED, CONNECTED TO EMERGENCY SYSTEM BRANCH CIRCUIT.	f, k
0	DOWNLIGHT FIXTURE WITH CEILING OUTLET BOX.	f
Ø	DOWNLIGHT FIXTURE WITH CEILING OUTLET BOX, SURFACE MOUNTED, CONNECTED TO EMERGENCY SYSTEM BRANCH CIRCUIT.	f, k
<u>×</u>	EXIT SIGN LIGHT FIXTURE WITH CEILING OUTLET BOX AND EMERGENCY BATTERY. SHADING INDICATES NUMBER OF FACES AND ORIENTATION, ARROWS. CONNECT TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHES (OR TO LOCAL EMERGENCY LIGHTING CIRCUIT WHEN AVAILABLE)	f
\$ <u>M</u>	OVERLOADS (MSS)_RATED 1 HP @ 120V; REFER TO EQUIPMENT FEEDER SCHEDULE. SINGLE POLE DIMMING VACANCY SENSOR SWITCH WITH WALL OUTLET BOX. DUAL	f
\$ <sub>VS</sub>	TECHNOLOGY WITH PASSIVE INFRARED/MICROPHONIC SENSING. MANUFACTURED BY SENSOR SWITCH MODEL #WSX PDT SA - OR APPROVED EQUAL. LOAD RATING 800W @120V	b, f
\$ <sub>a</sub>	LOW VOLTAGE ON/OFF/DIMMING SWITCH, WITH WALL OUTLET BOX. BY ACUITY CONTROLS, NLIGHT-PODM SERIES. FUNCTION AND NUMBER OF CHANNELS AS NOTED ON PLANS. CONNECTS TO NLIGHT LIGHTING CONTROL SYSTEM VIA CAT 5 CABLE. ("a" INDICATES SWITCH-LEG)	b, f
	LOW VOLTAGE OCCUPANCY SENSOR SWITCH, CEILING MOUNTED. DUAL TECHNOLOGY WITH PASSIVE INFRARED/MICROPHONIC SENSING. BY ACUITY CONTROLS nLIGHT #NCM PDT 10 U.O.N. CONNECTS WITH NLIGHT LIGHTING CONTROL SYSTEM VIA CAT 5 CABLE.	
DS	LOW VOLTAGE COMBINATION DAYLIGHT/OCCUPANCY SENSOR SWITCH, CEILING MOUNTED. DUAL TECHNOLOGY WITH PASSIVE INFRARED/MICROPHONIC AND DAYLIGHT. BY ACUITY CONTROLS nLIGHT #NCM PDT 10 ADCX, U.O.N. CONNECTS WITH nLIGHT LIGHTING CONTROL SYSTEM VIA CAT 5 CABLE.	
PC	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED)	
PC	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED)	
PC	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED) POWER	
PC P	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED) POWER DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.	a, f
PC P P C	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED) POWER DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX. DUPLEX RECEPTACLE CONNECTED TO ACUITY CONTROLS SWITCHING PACK nPP16, 20 AMP, WITH FLUSH WALL OUTLET BOX.	a, f a, f
Φ           Φ           Φ c           Φ TV	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED) POWER DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX. DUPLEX RECEPTACLE CONNECTED TO ACUITY CONTROLS SWITCHING PACK nPP16, 20 AMP, WITH FLUSH WALL OUTLET BOX. DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.	a, f a, f a, n
₽C	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED)         POWER         DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.         DUPLEX RECEPTACLE CONNECTED TO ACUITY CONTROLS SWITCHING PACK nPP16, 20 AMP, WITH FLUSH WALL OUTLET BOX.         DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.         DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.         DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.	a, f a, f a, n a, n
₽C	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED) <b>POWER</b> DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.         DUPLEX RECEPTACLE CONNECTED TO ACUITY CONTROLS SWITCHING PACK nPP16, 20 AMP, WITH FLUSH WALL OUTLET BOX.         DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.         DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.         DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.         DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.         DUPLEX RECEPTACLE, 20 AMPS EACH, WITH TWO-GANG FLUSH WALL OUTLET BOX.         GFI DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER BACKSPLASH, 20 AMP, WITH	a, f a, f a, n a, f f
PC	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED) <b>POWER DUPLEX RECEPTACLE</b> , 20 AMP, WITH FLUSH WALL OUTLET BOX.         DUPLEX RECEPTACLE CONNECTED TO ACUITY CONTROLS SWITCHING PACK nPP16, 20 AMP, WITH FLUSH WALL OUTLET BOX.         DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.         DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.         DUBLE DUPLEX RECEPTACLE, 20 AMPS EACH, WITH TWO-GANG FLUSH WALL OUTLET BOX.         GFI DUPLEX RECEPTACLE, 20 AMPS EACH, WITH TWO-GANG FLUSH WALL OUTLET BOX.         GFI DUPLEX RECEPTACLE, 20 AMPS EACH, WITH TWO-GANG FLUSH WALL OUTLET BOX.         WEATHERPROOF GFI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.	a, f a, f a, n a, f f a f
PC	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED)  POWER  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE CONNECTED TO ACUITY CONTROLS SWITCHING PACK nPP16, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUBLE DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE, 20 AMPS EACH, WITH TWO-GANG FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER BACKSPLASH, 20 AMP, WITH FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER BACKSPLASH, 20 AMP, WITH FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE, 20 AMP, WITH WALL OUTLET BOX FOR ELECTRIC WATER COOLER. COORDINATE CONCEALMENT WITH EWC INSTALLER FOR MOUNTING DEDUPLEMENTS	a, f a, f a, n a, f f a, f f
€С Ф Ф С Ф Т Ф Ф Ф Ф Ф С С Ф С С С С С С С С С С С С С	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED)  POWER  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE CONNECTED TO ACUITY CONTROLS SWITCHING PACK nPP16, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DOUBLE DUPLEX RECEPTACLE, 20 AMPS EACH, WITH TWO-GANG FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER BACKSPLASH, 20 AMP, WITH FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX AND WEATHERPROOF GFI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE, 20 AMP, WITH WALL OUTLET BOX FOR ELECTRIC WATER COOLER. COORDINATE CONCEALMENT WITH EWC INSTALLER FOR MOUNTING REQUIREMENTS.  CAST IRON FULLY ADJUSTABLE THREE-GANG FLOOR OUTLET BOX WITH (2) 20 AMP DUPLEX RECEPTACLES AND (1) TELECOMMUNICATIONS BLANK OUTLET WITH (1) 1"C. TO TIB/TTC (UNLESS OTHERWISE NOTED). PROVIDE CARPET OR TILE FLANGE. (PROVIDE SPECIAL RECEPTACLES, 1.E. ISOLATED GROUND TYPE WHERE NOTED)	a, f a, f a, n a, f f a, f d, f
PC	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED)  POWER  POWER  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE CONNECTED TO ACUITY CONTROLS SWITCHING PACK nPP16, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUBLE DUPLEX RECEPTACLE, 20 AMPS EACH, WITH TWO-GANG FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER BACKSPLASH, 20 AMP, WITH FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE, 20 AMP, WITH VALL OUTLET BOX AND WEATHERPROOF GFI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE, 20 AMP, WITH WALL OUTLET BOX FOR ELECTRIC WATER COOLER. COORDINATE CONCEALMENT WITH EWC INSTALLER FOR MOUNTING REQUIREMENTS.  CAST IRON FULLY ADJUSTABLE THREE-GANG FLOOR OUTLET BOX WITH (2) 20 AMP DUPLEX RECEPTACLES AND (1) TELECOMMUNICATIONS BLANK OUTLET WITH (1) 1"C. TO TTB/TTC (UNLESS OTHERWISE NOTED). PROVIDE CARPET OR TILE FLANGE. (PROVIDE SPECIAL RECEPTACLES, I.E. ISOLATED GROUND TYPE WHERE NOTED)  POWER FURNITURE BASE FEED WITH JUNCTION BOX. FLEX CONNECT TO FURNITURE SYSTEM WIREWAY. FIELD VERIFY EXACT CONNECTION POINT WITH FURNITURE VENDOR.	a, f a, f a, n a, f f a, f d, f a, f
PC	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED)  POWER SWITCHING PACK NPP16, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE CONNECTED TO ACUITY CONTROLS SWITCHING PACK NPP16, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUBLE DUPLEX RECEPTACLE, 20 AMPS EACH, WITH TWO-GANG FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER BACKSPLASH, 20 AMP, WITH FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER BACKSPLASH, 20 AMP, WITH FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE, 20 AMP, WITH WALL OUTLET BOX FOR ELECTRIC WATER COOLER, COORDINATE COVER.  GFI DUPLEX RECEPTACLE, 20 AMP, WITH WALL OUTLET BOX FOR ELECTRIC WATER COOLER, COORDINATE CONCEALMENT WITH EWC INSTALLER FOR MOUNTING REQUIREMENTS.  CAST IRON FULLY ADJUSTABLE THREE-GANG FLOOR OUTLET BOX WITH (2) 20 AMP DUPLEX RECEPTACLES AND (1) TELECOMMUNICATIONS BLANK OUTLET WITH (1) 1"C. TO TTE/TTC (UNLESS OTHERWISE NOTED). PROVIDE CARPET OR TILE FLANGE. (PROVIDE SPECIAL RECEPTACLES, I.E. ISOLATED GROUND TYPE WHERE NOTED)  POWER FURNITURE BASE FEED WITH JUNCTION BOX. FLEX CONNECT TO FURNITURE SYSTEM WIREWAY. FIELD VERIFY EXACT CONNECTION POINT WITH FURNITURE VENDOR.  FLUSH SHUNT-TRIP BUTTON, LOCATE AND LABEL INACCORDANCE WITH A.H.J., MOUNTERS MOTED AT TO TOP. JUNI ESS OTHERWISE NOTED.	a, f a, f a, f f a, f f d, f a, f
PC	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED)  POWER  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE CONNECTED TO ACUITY CONTROLS SWITCHING PACK nPP16, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUBLE DUPLEX RECEPTACLE, 20 AMPS EACH, WITH TWO-GANG FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE, 20 AMPS EACH, WITH TWO-GANG FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE, 20 AMPS EACH, WITH TWO-GANG FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE, 20 AMPS EACH, WITH TRUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX AND WEATHERPROOF GFI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE, 20 AMP, WITH WALL OUTLET BOX FOR ELECTRIC WATER COOLER. COORDINATE CONCEALMENT WITH EWC INSTALLER FOR MOUNTING REQUIREMENTS.  CAST IRON FULLY ADJUSTABLE THREE-GANG FLOOR OUTLET BOX WITH (2) 20 AMP DUPLEX RECEPTACLES AND (1) TELECOMMUNICATIONS BLANK OUTLET WITH (1) 1"C. TO TTB/TTC (UNLESS OTHERWISE NOTED). PROVIDE CARPET OR TILE FLANGE. (PROVIDE SPECIAL RECEPTACLES, I.E. ISOLATED GROUND TYPE WHERE NOTED)  POWER FURNITURE BASE FEED WITH JUNCTION BOX. FLEX CONNECT TO FURNITURE SYSTEM WIREWAY. FIELD VERIFY EXACT CONNECTION POINT WITH FURNITURE VENDOR.  FLUSH SHUNT-TRIP BUTTON, LOCATE AND LABEL INACCORDANCE WITH A.H.J., MOUNTED 54" TO TOP, UNLESS OTHERWISE NOTED. DISCONNECT SWITCH. REFER TO EQUIPMENT FEEDER SCHEDULE FOR REQUIREMENTS	a, f a, f a, n a, f f a, f f d, f a, f f h, j
PC	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED)  POWERS  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE CONNECTED TO ACUITY CONTROLS SWITCHING PACK nPP16, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUBLE DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  GGI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  GGI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  GGI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX,  GGI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX,  GGI DUPLEX RECEPTACLE, 20 AMP, WITH WALL OUTLET BOX FOR ELECTRIC WATER COOLER. COORDINATE CONCEALMENT WITH EWC INSTALLER FOR MOUNTING REQUIREMENTS.  CAST IRON FULLY ADJUSTABLE THREE-GANG FLOOR OUTLET BOX WITH (2) 20 AMP, DUPLEX RECEPTACLES AND (1) TELECOMMUNICATIONS BLANK OUTLET WITH (1) 1°C. TO TTB/TTC (UNLESS OTHERWISE NOTED). PROVIDE CARPET OR TILE FLANGE. (PROVIDE SPECIAL RECEPTACLES, I.E. ISOLATED GROUND TYPE WHERE NOTED)  POWER FURNITURE BASE FEED WITH JUNCTION BOX. FLEX CONNECT TO FURNITURE SYSTEM WIREWAY. FIELD VERIFY EXACT CONNECTION POINT WITH FURNITURE VENDOR.  FLUSH SHUNT-TRIP BUTTON, LOCATE AND LABEL INACCORDANCE WITH A.H.J., MOUNTED 54" TO TOP, UNLESS OTHERWISE NOTED. DISCONNECT SWITCH. REFER TO EQUIPMENT FEEDER SCHEDULE FOR REQUIREMENTS (I.E. SIZE, FUSED, NON-FUSED, ETC.)  120/208V BRANCH CIRCUIT PANELBOARD, SURFACE MOUNTED	a, f a, f a, f a, n a, f f d, f d, f a, f f h, j
€С	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED)  POWERE  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUBLE DUPLEX RECEPTACLE, 20 AMPS EACH, WITH TWO-GANG FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE, 20 AMPS EACH, WITH TWO-GANG FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER BACKSPLASH, 20 AMP, WITH FLUSH WALL OUTLET BOX.  WEATHERPROOF GFI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX AND WEATHERPROOF IN-USE COVER.  GFI DUPLEX RECEPTACLE, 20 AMP, WITH WALL OUTLET BOX FOR ELECTRIC WATER COOLER. COORDINATE CONCEALMENT WITH EWC INSTALLER FOR MOUNTING REQUIREMENTS.  CAST IRON FULLY ADJUSTABLE THREE-GANG FLOOR OUTLET BOX WITH (2) 20 AMP DUPLEX RECEPTACLES AND (1) TELECOMMUNICATIONS BLANK OUTLET WITH (1) 1°C. TO TTB/TTC (UNLESS OTHERWISE NOTED). PROVIDE CARPET OR TILE FLANGE. (PROVIDE SPECIAL RECEPTACLES, I.E. ISOLATED GROUND TYPE WHERE NOTED)  POWER FURNITURE BASE FEED WITH JUNCTION BOX. FLEX CONNECT TO FURNITURE SYSTEM WIREWAY. FIELD VERIFY EXACT CONNECTION POINT WITH FURNITURE VENDOR.  FLUSH SHUNT-TRIP BUTTON, LOCATE AND LABEL INACCORDANCE WITH A.H.J., MOUNTED 54" TO TOP, UNLESS OTHERWISE NOTED. DISCONNECT SWITCH. REFER TO EQUIPMENT FEEDER SCHEDULE FOR REQUIREMENTS (I.E. SIZE, FUSED, NON-FUSED, ETC.)  120/208V BRANCH CIRCUIT PANELBOARD, SURFACE MOUNTED	a, f a, f a, n a, f f a, f f d, f a, f f h, j
PC	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED)  POWERE  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE CONNECTED TO ACUITY CONTROLS SWITCHING PACK nPP16, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUBLE DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUBLE DUPLEX RECEPTACLE, 20 AMPS EACH, WITH TWO-GANG FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER BACKSPLASH, 20 AMP, WITH FLUSH WALL OUTLET BOX.  WEATHERPROOF GFI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX AND WEATHERPROOF IN-USE COVER.  GFI DUPLEX RECEPTACLE, 20 AMP, WITH WALL OUTLET BOX FOR ELECTRIC WATER COOLER. COORDINATE CONCEALMENT WITH EWC INSTALLER FOR MOUNTING REQUIREMENTS.  CAST IRON FULLY ADJUSTABLE THREE-GANG FLOOR OUTLET BOX WITH (2) 20 AMP DUPLEX RECEPTACLES, 20 AMP, WITH EWC INSTALLER FOR MOUNTING REQUIREMENTS.  CAST IRON FULLY ADJUSTABLE THREE-GANG FLOOR OUTLET BOX WITH (2) 20 AMP DUPLEX RECEPTACLES AND (1) TELECOMMUNICATIONS BLANK OUTLET WITH (1) 1"C. TO TTB/TTC (UNLESS OTHERWISE NOTED). PROVIDE CARPET OR TILE FLANGE. (PROVIDE SPECIAL RECEPTACLES, 1.E. ISOLATED GROUND TYPE WHERE NOTED)  POWER FURNITURE BASE FEED WITH JUNCTION BOX. FLEX CONNECT TO FURNITURE SYSTEM WIREWAY. FIELD VERIFY EXACT CONNECTION POINT WITH FURNITURE SYSTEM VIREWAY. FIELD VERIFY EXACT CONNECTION POINT WITH FURNITURE SYSTEM VIREWAY. FIELD VERIFY EXACT CONNECTION POINT WITH ALL.J., MOUNTED 54" TO TOP, UNLESS OTHERWISE NOTED.  DISCONNECT SWITCH. REFER TO EQUIPMENT FEEDER SCHEDULE FOR REQUIREMENTS (I.E. SIZE, FUSED, NON-FUSED, ETC.)  120/208V BRANCH CIRCUIT PANELBOARD, SURFACE MOUNTED  SURGE PROTECTION DEVICE  BRANCH CIRCUIT CONDUIT CONCEALED ABOVE CEILING OR IN WALL. MINIMUM TWO CONDUCTORS PLUS GROUND. REFER TO SPECIFICATIONS AND EQUIPMENT FEEDER SCHEDULE FOR CONDUCTOR REQUIREMENTS. ARROWS INDICATE CIRCUIT CONDULT CONCEALED ABOVE CEILING OR IN WALL. MINIMUM TWO CONDUCTORS PLUS GROUND. REFER TO SPECIFICATIONS AND EQUIPMENT FEEDER SCHEDULE FOR CONDUCTOR REQUIREMENT	a, f a, f a, n a, f f a, f f d, f a, f f h, j h, j
PC	PHOTOCELL (MATCH COIL VOLTAGE AS REQUIRED)  POWER  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE CONNECTED TO ACUITY CONTROLS SWITCHING PACK nPP16, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUBLE DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  GFI DUPLEX RECEPTACLE, 20 AMP, WITH WALL OUTLET BOX WEATHERPROOF GFI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  AND WEATHERPROOF GFI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  AND WEATHERPROOF GFI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  AND WEATHERPROOF GFI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  AND WEATHERPROOF GFI DUPLEX RECEPTACLE, 20 AMP, WITH FLUSH WALL OUTLET BOX.  AND WEATHERPROOF GFI DUPLEX RECEPTACLE, 20 AMP, WITH FULSH WALL OUTLET BOX.  AND WEATHERPROOF GFI DUPLEX RECEPTACLE, 20 AMP, WITH WALL OUTLET BOX WITH (2) 20 AMP, WITH FURST.  GFI DUPLEX RECEPTACLES, AND (1) TELECOMMUNICATIONS BLANK OUTLET WITH (1) 1°C. TO TIB/TTC (UNLESS OTHERWISE NOTED).  POWER FURNITURE BASE FEED WITH JUNCTION BOX. FLEX CONNECT TO FURNITURE SYSTEM WIREWAY. FIELD VERIFY EXACT CONNECTION POINT WITH FURNITURE VENDOR.  FLUSH SHUNT-TRIP BUTTON, LOCATE AND LABEL INACCORDANCE WITH A.H.J., MOUNTED 54" TO TOP, UNLESS OTHERWISE NOTED.  DISCONNECT SWITCH. REFER TO EQUIPMENT FEEDER SCHEDULE FOR REQUIREMENTS (I.E. SIZE, FUSED, NON-FUSED, ETC.)  120/208V BRANCH CIRCUIT PANELBOARD, SURFACE MOUNTED  SURGE PROTECTION DEVICE BRANCH CIRCUIT CONDUIT CONCEALED ABOVE CEILING OR IN WALL. MINIMUM TWO CONDUCTORS PLUS GROUND. REFER TO SPECIFICATIONS AND EQUIPMENT FEEDER SCHEDULE FOR CONDUCTOR REQUIREMENTS. ARROWS INDICATE CIRCUIT CONNECTIONS AND HOMERUNS TO PANEL AS INDICATED ON PLANS. TYPICAL FOR ALL RACEWAY TYPES, U.O.N.  BRANCH CIRCUIT CONDU	a, f a, f a, n a, f f a, f f d, f a, f f h, j h, j
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#### SECURITY AND ACCESS CONTROL

CR	CARD ACCESS READER, FLUSH MOUNTED. WALL OUTLET BOX, FLUSH MOUNTED WITH BLANK PLATE. PROVIDE MINIMUM 1"C TO SECURITY TERMINAL CONDUIT	b
DL	ELECTRIC DOOR STRIKEWALL OUTLET BOX, FLUSH MOUNTED WITH BLANK PLATE. PROVIDE MINIMUM 1"C TO SECURITY TERMINAL CONDUIT	d
ML	MAGNETIC DOOR STRIKE WALL OUTLET BOX, FLUSH MOUNTED WITH BLANK PLATE. PROVIDE MINIMUM 1"C TO SECURITY TERMINAL CONDUIT	d
●RTE	"REQUEST-TO-EXIT" DOOR RELEASE SWITCH WALL OUTLET BOX, FLUSH MOUNTED WITH BLANK PLATE. PROVIDE MINIMUM 1"C TO SECURITY TERMINAL CONDUIT	b
DC	SECURITY DOOR CONTACT WALL OUTLET BOX, FLUSH MOUNTED WITH BLANK PLATE. PROVIDE MINIMUM 1"C TO SECURITY TERMINAL CONDUIT	d
MD	SECURITY MOTION DETECTOR. WALL OUTLET BOX, FLUSH MOUNTED WITH BLANK PLATE. PROVIDE MINIMUM 1"C TO SECURITY TERMINAL CONDUIT	d
SQTC	SECURITY TERMINAL CABINET. SURFACE MOUNTED, 28 INCH STRUCTURED MEDIA ENCLOSURE WITH HINGED LOCKABLE COVER	n
	VIDEO SURVEILLANCE (CCTV) CAMERA. CAMERA AND WIRING PROVIDED BY OTHERS. UNLESS OTHERWISE NOTED, PROVIDE WALL MOUNTED JUNCTION BOX AND ROUTE EMPTY 1"C., WITH PULL STRING, TO COMMUNICATIONS RACK IN RM 205.	d, e
$\sim$		

$\mathbf{V}$	COMBINATION TELEPHONE/DATA WALL OUTLET BOX, FLUSH MOUNTED WITH BLANK PLATE. PROVIDE (2) MINIMUM 1"C TO CEILING SPACE, U.O.N.	а
	COMMUNICATION FURNITURE BASE FEED WITH 2-GANG JUNCTION BOX. PROVIDE (2) 1-1/4" EMPTY CONDUIT TO ABOVE ACCESSIBLE CEILING SPACE. FLEX CONNECT TO FURNITURE SYSTEM WIREWAY. FIELD VERIFY EXACT CONNECTION POINT WITH FURNITURE VENDOR.	а
∇AP	WIRELESS ACCESS POINT CEILING BOX, FLUSH MOUNTED WITH BLANK PLATE.	а
TTB	TELEPHONE TERMINATION BOARD (OR SYSTEMS TERMINAL BOARD AS NOTED). FIRE RETARDANT TREATED PLYWOOD, 3/4" THICK x 8'-0" HEIGHT x WIDTH AS SHOWN ON PLANS. PAINT TO MATCH WALL WITH (2) COATS OF FIRE RETARDANT PAINT.	
$\overline{\mathbf{V}}$	COMBINATION DATA AND TELEVISION OUTLET, FLUSH MOUNT, STUB INTO CEILING SPACE WITH (2) 1"C.	

	FIRE ALARM	
F	MANUAL FIRE ALARM PULL STATION.	b
X	FIRE ALARM HORN/STROBE COMBINATION DEVICE. (15/75 CANDELA, U.O.N.)	l, m
нД	FIRE ALARM STROBE. (15/75 CANDELA, U.O.N.)	l, m
$(\mathbf{r})$	SMOKE DETECTOR. CEILING SURFACE MOUNTED.	
( <b>)</b>	DUCT MOUNTED SMOKE DETECTOR. (S = SUPPLY; R = RETURN)	
٤E	SMOKE DETECTOR FOR ELEVATOR RECALL. CEILING SURFACE MOUNTED.	
● <sub>R</sub>	OUTPUT CONTROL RELAY	
● <sup>AH</sup> R	OUTPUT CONTROL RELAY "AIR HANDLING CONTROL"	
LB	FIRE DEPARTMENT LOCK BOX (KNOX BOX), WEATHER-PROOF. LOCATE PER AHJ.	
FACP	FIRE ALARM CONTROL PANEL	n
FATC	FIRE ALARM TERMINAL CABINET	n

#### SYMBOL LEGEND NOTES:

1.	THE COLOR OF ALL DEVICES SHA
2	SCREENED ELECTRICAL ITEM DE
3.	"R" BY DEVICE DENOTES EXISTIN
4.	"H" BY DEVICE DENOTES DEVICE
5.	ALL DIMENSIONS INDICATED ARE
	DIMENSIONS USED UNLESS INDIC
	DRAWINGS AND IN THE SPECIFIC
	UNLESS INDICATED OTHERWISE.
	AND COORDINATE THE EXACT HE
	DOCUMENTS AND DISCIPLINES (I
	KITCHEN EQUIPMENT, MILLWORK
6.	ALL SYMBOLS INDICATED IN THIS
7.	ALL WIRING DEVICES SHALL BE F
8.	SEE SPECIFICATIONS FOR ADDIT
9.	U.O.N. = UNLESS OTHERWISE NO
10.	A.H.J. = AUTHORITY HAVING JURI
11.	A.F.F. = ABOVE FINISHED FLOOR
10	

#### **REMARKS**:

- a. MOUNTED 16" ABOVE FINISHED FLOOR TO THE BOTTOM. b. MOUNTED 44" ABOVE FINISHED FLOOR TO THE BOTTOM.
- c. MOUNTED 50" ABOVE FINISHED FLOOR TO THE BOTTOM. d. OUTLET BOX SHALL BE SIZED PER SYSTEM INSTALLERS REQUIREMENTS.
- e. SUPPORT OUTLET BOX FROM STRUCTURE WITH (1) 3/8" ALL THREADS MINIMUM. BOXES LARGER THAN 25" SQUARE INCHES SHALL BE SUPPORTED WITH (2) 3/8" ALL THREADS MINIMUM.
- h. PROVIDE KINDORF MOUNTING RACK FOR FREE STANDING APPLICATIONS. KINDORF SHALL BE PAINTED FOR EXTERIOR APPLICATIONS. WHEN SURFACE JUNCTION BOX SYMBOL IS COMBINED WITH DEVICE SYMBOL, PROVIDE APPROPRIATE
- SURFACE PLATE FOR OUTLET APPLICATION. MAINTAIN WORKING CLEARANCES IN STRICT ACCORDANCE WITH N.E.C. COORDINATE EXACT LOCATION OF EQUIPMENT WITH ALL DISCIPLINES (I.E. ARCHITECTURAL, STRUCTURAL, HVAC, PLUMBING, FIRE PROTECTION, KITCHEN EQUIPMENT, MILLWORK, ETC.) PRIOR TO ROUGH-IN TO MAINTAIN CLEARANCES.
- I. MOUNTED 80" ABOVE FINISHED FLOOR TO BOTTOM.
- n. MOUNTED 72" ABOVE FINISHED FLOOR TO THE TOP.

#### **COMMUNICATION AND DATA**

- ES SHALL BE SELECTED BY THE ARCHITECT. COVER PLATES SHALL BE #302 SMOOTH S OTHERWISE NOTED.
- EM DENOTES EXISTING. XISTING TO BE REMOVED COMPLETELY.
- EVICE TO BE MOUNTED HORIZONTALLY.
- ED ARE TO THE BOTTOM OF FIXTURE, OUTLET, OR EQUIPMENT AND SHALL BE THE S INDICATED OTHERWISE ON THE DRAWINGS. DIMENSIONS INDICATED ON THE ECIFICATIONS ARE TO THE BOTTOM OF THE FIXTURE, OUTLET, OR EQUIPMENT WISE. ALL MOUNTING HEIGHTS SHALL COMPLY WITH ADA REQUIREMENTS. VERIFY ACT HEIGHT AND LOCATION OF ALL FIXTURES, OUTLETS, AND EQUIPMENT WITH ALL NES (I.E., ARCHITECTURAL, STRUCTURAL, HVAC, PLUMBING, FIRE PROTECTION, WORK, ETC.) PRIOR TO ROUGH-IN; ADJUST TO MEET ALL REQUIREMENTS. IN THIS LEGEND MAY NOT BE USED ON THE PLANS.
- LL BE PROVIDED WITH A GROUNDING TERMINAL SCREW.
- ADDITIONAL REQUIREMENTS. SE NOTED.

G JURISDICTION.

- 12. ELECTRICAL CONTRACTOR TO PROVIDE PULL STRINGS IN ALL CONDUIT(S).
- f. JUNCTION/OUTLET BOX SHALL BE SIZED AS REQUIRED FOR CONDUCTOR/DEVICES FILL PER N.E.C. THREADED CONDUIT HUBS SHALL BE SIZED AND CONFIGURED AS REQUIRED FOR APPLICATION.
- k. "NL" INDICATES FIXTURE CONNECTED AHEAD OF ALL SWITCHES FOR 24 HOUR NIGHTLIGHT OPERATION. m. ALL STROBES SHALL BE ADJUSTABLE INTENSITY TYPE SET AT 75cd UNLESS OTHERWISE NOTED.

#### **GENERAL NOTES:**

- 1) ALL 120V, 20A CIRCUIT HOMERUNS OVER 50FT. SHALL BE #10 CU. MINIMUM, UNLESS NOTED OTHERWISE.
- 2) ALL 120V, 20A CIRCUIT HOMERUNS OVER 150FT. SHALL BE #8 CU. MINIMUM, UNLESS NOTED OTHERWISE.
- 3) ALL BRANCH CIRCUIT CONDUCTORS WILL BE SIZED PER NEC MINIMUM. THE MINIMUM ALLOWABLE BRANCH CIRCUIT CONDUCTOR SIZE IS #12 AWG COPPER. INCREASE CONDUCTOR SIZE FOR APPLICATION PER NEC AND AS NOTED ON THE PLANS.
- 4) CONDUCTOR SIZES INDICATED ON CIRCUIT HOMERUNS OR IN SCHEDULES SHALL BE INSTALLED OVER THE ENTIRE LENGTH OF THE CIRCUIT UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- 5) UP TO THREE PHASE CONDUCTORS, CORRESPONDING SWITCHLEGS AND NEUTRALS ARE ALLOWED IN THE SAME RACEWAY UNLESS INDICATED OTHERWISE ON THE DRAWINGS. DO NOT COMBINE HOMERUNS.
- 6) PROVIDE AN EQUIPMENT GROUNDING CONDUCTOR IN ALL FEEDERS AND BRANCH CIRCUITS.
- 7) COMPLY WITH ARTICLE 210 OF THE NEC. PROVIDE A DEDICATED NEUTRAL FOR ALL 120V AND 277V CIRCUITS OR PROVIDE C.B. HANDLE TIES TO CONNECT POLES SERVING MULTI-WIRE CIRCUITS. 8) COORDINATE EXACT LOCATION OF LIGHTING FIXTURES IN MECH. ROOMS/SPACES WITH DUCTWORK INSTALLER PRIOR TO ROUGH-IN. LOCATE
- BELOW DUCTWORK (8'-0" AFF MINIMUM) CENTERED IN ROOM AS MUCH AS POSSIBLE.
- MILLWORK INSTALLER PRIOR TO ROUGH-IN. 10) VERIFY EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL INSTALLER PRIOR TO ROUGH-IN.
- 11) REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF ALL LIGHT FIXTURES.
- 12) ALL EMPTY CONDUITS SHALL BE PROVIDED WITH PULL STRINGS IN THEM.
- 14) COORDINATE THE REQUIRED SIZE OF ALL CIRCUIT BREAKERS FEEDING EQUIPMENT, (I.E. MOTORS, HVAC EQUIPMENT, SPECIAL PURPOSE OUTLETS,
- 15) THE POWER COMPANY SHALL BE CONTACTED WITHIN 10 DAYS OF THE AWARD OF THE CONTRACT BY THE CONTRACTOR TO VERIFY THE ACTUAL AVAILABLE SHORT CIRCUIT FAULT CURRENT (SCC) AT THE TRANSFORMER SECONDARY BUSHINGS. THE CONTRACTOR SHALL PROVIDE ELECTRICAL DISTRIBUTION AND UTILIZATION EQUIPMENT AND PANELBOARDS WHICH HAVE AIC/WITHSTAND RATINGS GREATER THAN THE AVAILABLE SSC AT EACH POINT IN THE ELECTRICAL SYSTEM.
- 16) CONTRACTOR SHALL INCLUDE IN HIS BID THE TRANSPORT AND DISPOSAL OR RECYCLING OF ALL WASTE MATERIALS GENERATED BY THIS PROJECT IN ACCORDANCE WITH ALL RULES, REGULATIONS AND GUIDELINES APPLICABLE.
  - A) CONTRACTOR SHALL COMPLY FULLY WITH FLORIDA STATUTE 403.7186 REGARDING MERCURY CONTAINING DEVICES AND LAMPS.
  - B) LAMPS, BALLASTS AND OTHER MATERIALS SHALL BE TRANSPORTED AND DISPOSED OF IN ACCORDANCE WITH ALL DEP AND EPA GUIDELINES.
  - C) THE CONTRACTOR SHALL PROVIDE WRITTEN CERTIFICATION THAT ALL MATERIALS WHERE RECYCLED OR DISPOSED OF PROPERLY PER THE GUIDE LINE NOTED ABOVE.
- 17) EXISTING CONDITIONS AND UTILITIES INDICATED ARE TAKEN FROM EXISTING CONSTRUCTION DOCUMENTS, VARIOUS SURVEYS AND FIELD INVESTIGATIONS. IT IS TO BE UNDERSTOOD THAT UNFORESEEN CONDITIONS PROBABLY EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON THE DRAWINGS. COOPERATION WITH OTHER TRADES IN ROUTING AND/OR BURIAL DEPTHS AS DETERMINED DURING CONSTRUCTION AND AS DIRECTED BY THE ARCHITECT/ENGINEER MAY BE NECESSARY AND IT IS INTENDED THAT SUCH DEVIATIONS SHALL BE CONSIDERED A PART OF THIS CONTRACT. IT IS ALSO UNDERSTOOD THAT THE PLANS ARE NOT COMPLETELY TO SCALE. THIS CONTRACTOR IS TO FIELD VERIFY DIMENSIONS OF ALL SITE UTILITIES, ETC., PRIOR TO BID AND INCLUDE ANY DEVIATIONS IN THE CONTRACT.
- 18) LOCATE ALL EXISTING UTILITIES AND PROTECT THEM FROM DAMAGE.
- 19) ALL CONDUIT TO BE CONCEALED UNLESS IMPOSSIBLE DUE TO EXISTING CONDITIONS (I.E. EXPOSED STRUCTURAL CEILINGS, BUILDING EXTERIOR WALLS). CONCEAL ALL CONDUITS ABOVE CEILINGS OR WITHIN WALLS AND COUNTERS. A) ALL NEW DEVICES TO BE FLUSH MOUNTED UNLESS SPECIFICALLY NOTED OTHERWISE. B) INSTALL FLEXIBLE CONDUIT DOWN EXISTING WALLS TO NEW FLUSH OUTLETS. (IF EXISTING WALLS DO NOT CONTAIN HOLLOW VERTICAL CAVITIES AND IT IS NOT FEASIBLE TO CONCEAL THE CONDUIT THEN EXPOSED WIREMOLD PAINTED TO MATCH THE WALL SHALL BE USED).
- 20) EXISTING ELECTRICAL SERVICE: MAINTAIN EXISTING SYSTEM IN SERVICE UNTIL NEW SYSTEM IS COMPLETE AND READY FOR SERVICE. DISABLE SYSTEM ONLY TO MAKE SWITCHOVERS AND CONNECTIONS. OBTAIN PERMISSION FROM OWNER AT LEAST 24 HOURS BEFORE PARTIALLY OR COMPLETELY DISABLING SYSTEM. MINIMIZE OUTAGE DURATION.
- 21) PANELBOARDS: CLEAN EXPOSED SURFACES AND CHECK TIGHTNESS OF ELECTRICAL CONNECTIONS. REPLACE DAMAGED CIRCUIT BREAKERS AND PROVIDE CLOSURE PLATES FOR VACANT POSITIONS. PROVIDE TYPED CIRCUIT DIRECTORY SHOWING REVISED CIRCUITING ARRANGEMENT. 22) A RADIO COVERAGE SURVEY SHALL BE CONDUCTED PRIOR TO, DURING, AND POST CONSTRUCTION TO ENSURE THE TWO-WAY RADIO COVERAGE MEET THE REQUIREMENTS OF NFPA 72 SECTION 24.5.2.2.
- 23) THE BUILDING THAT CANNOT SUPPORT THE REQUIRED LEVEL OF RADIO COVERAGE SHALL BE EQUIPPED WITH A DISTRIBUTED ANTENNA SYSTEM (DAS) WITH FCC-CERTIFIED SIGNAL BOOSTERS IN ORDER TO ACHIEVE THE REQUIRED ADEQUATE RADIO COVERAGE.

			LIGHTING FIXTURE S	CHEDUI	E				
TYPE	DESCRIPTION	MANUFACTURER	MODEL	MOUNTING	VOLTS	INPUT WATTS	SOURCE	DIMMING	COMMENTS
LS	LINEAR DIRECT-INDIRECT SUSPENDED FIXTURE	BIRCHWOOD	CHL-LED-475-HLO-SLO-35-X-CRX-SC- FW-FW-XXX-D1-CSS-XX-2CKT	SUSPENDED	120	72	LED, 3500K	0-10V	DUAL CIRCUIT WIRING
М	ELEVATOR PIT LIGHT	BEGHELLI	BS100LED-4-HT-MO-WT40-120-277V-SM	SURFACE	120	60	LED, 4000K		WIRED TO INVERTER
PC	DECORATIVE PENDANT	DELRAY	6724-S-W35-CR-D	SUSPENDED	120	93	LED, 3500K	0-10V	REMOTE DRIVER NO SUBSTITUTION
PH	SUSPENDED LED HIGH BAY FIXTURE	BEGHELLI	BS730LED-WT35-WBD-16ACT-AC-120-277V	SUSPENDED	120	35	LED, 3500K	0-10V	
R1	RECESSED 4" DOWNLIGHT	LIGHOLIER	4R-N / Z4RDL-XX-835-W-O-CD-Z10-U	RECESSED	120	20	LED, 3500K	0-10V	
R2	2X4 RECESSED PERFORMANCE FULL LENSE	DAY-BRITE	2-CA-G-40B-835-4-DS-UNV-DIM-DSC	RECESSED	120	34	LED, 3500K	0-10V	
RD	SEMI-RECESSED DECO DOWNLIGHT	DELRAY	KLS31-2-W35-D-XXX	RECESSED	120	22	LED, 3500K		NO SUBSTITUTIONS
S2	2' SURFACE LENSED STRIP LIGHT	DAY-BRITE	FSS-2-20L-835-UNV-DIM	WALL	120	34	LED, 45W, 3500K		
S4	4' SURFACE LENSED STRIP LIGHT	DAY-BRITE	FSS-4-55L-835-UNV-DIM-FSTH	SUSPENDED	120	34	LED, 45W, 3500K		
SG	4' LENSED STRIP LIGHT WITH WIRE GUARD	DAY-BRITE	FSS-4-55L-835-UNV-DIM-FSSWG4	WALL	120	34	LED, 45W, 3500K		
WL	WALL MOUNT UP/DOWN 4'	FINELITE	HP-4 WM ID-4'-S-S-835-TG-F-120V-MB-FE-XX	WALL	120	65.6	LED, 3500K		
			EXTERIOR LIGHTNG	-					·
EC	SURFACE SHALLOW WET CYLINDER	MP	L600-13-W35-S-X-S-XXXV-MA-INTDVR	SURFACE	120	7.5	LED, 4000K	N/A	INTEGRAL DRIVER, 4.75" MAX HT
ED	RECESSED ADJUSTABLE WET DOWNLIGHT	WILLIAMS	4PS-L40-835-DIM-UNV-LW-OF-WH	RECESSED	120	44.7	LED, 4000K	N/A	
EP	EXTERIOR SITE FIXTURE	GARDCO	ECF-L-80-1A-NW-SF-3-UNV-BL-OMRP-BK	POLE	120	265	LED		
ES	EXTERIOR WALL SCONCE UP/DOWN/FRONT	LUMCA	LU-WP-A40K-B40K-C40KLXX-00-XX-BK-SGP10	SURFACE	120	38.5	LED, 4000K	N/A	
ES1	EXTERIOR RECESSED EGRESS	FC	FCSL540-120V-3K-530LM-BZ	RECESSED	120	8	LED		REMOTE DRIVER NO SUBSTITUTIONS
ES2	EXTERIOR RECESSED EGRESS	FC	FCSL590-120V-4K-BK OPAL LENS	RECESSED	120	28	LED		REMOTE DRIVER NO SUBSTITUTIONS
EW	EXTERIOR LED WALL LIGHT FIXTURE	TGS	WPF-70W-40K-U-120-277VAC-D	SURFACE	120	70	LED, 4000K	N/A	
			EMERGENCY LIGHTING						
XE	UNIVERSAL EXIT SIGN WITH BATTERY	BEGHELLI	VA-4-SA	SURFACE	120	3.2	LED	N/A	

LIGHTING SCHEDULE NOTES:

THE SPECIFIED FIXTURES HAVE BEEN SELECTED BASED ON PHOTOMETRIC PERFORMANCE, ELECTRICAL CHARACTERISTICS, VISUAL COMFORT AND AESTHETIC INTERPRETATION AND AS SUCH ANY CONTRACTOR WISHING TO PROPOSE ALTERNATE FIXTURES MUST SUBMIT SUCH REQUEST, IN WRITING, FIFTEEN (15) WORK DAYS PRIOR TO BID. THE REQUEST SHALL INCLUDE TWO COMPLETE SETS OF COLOR CATALOG CUT SHEETS OF ALL FIXTURES FOR REVIEW. IN MANY CASES, SAMPLES WILL BE REQUIRED. APPROVALS SHALL ONLY BE ISSUED BY THE ARCHITECT IN THE FORM OF AN ADDENDUM TO THE BID DOCUMENTS. IF ANY VALUE ENGINEERING IS REQUIRED AFTER THE BIDDING PROCESS, ANY AND ALL CHANGES IN FIXTURE MODELS WILL BE PROVIDED SOLEY BY THE ARCHITECT AS A VARIATION TO THE ORIGINAL SPECIFICATIONS.

9) COORDINATE EXACT INSTALLATION REQUIREMENTS OF OUTLETS IN MILLWORK WITH ARCHITECTURAL DRAWINGS, APPROVED SHOP DRAWINGS AND

13) ALL COMPUTER RECEPTACLE CIRCUITS SHALL BE PROVIDED WITH A DEDICATED NEUTRAL FOR EACH PHASE CONDUCTOR.

OWNER FURNISHED EQUIPMENT ETC. ) WITH APPROVED EQUIPMENT SHOP DRAWINGS AND OWNER REPRESENTATIVES PRIOR TO ORDERING PANELBOARDS. BREAKERS SHALL BE SIZED PER THE NEC, THE EQUIPMENT NAME PLATE AND MANUFACTURERS RECOMMENDATIONS.

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	ERAU PRODUCTION BUILDING		
	EMBRY-RIDDLE AERONAUTICAL UNIVERSITY, DAYTONA BEACH, FLORIDA		
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- 1. COORDINATE WITH FP&L FOR INSTALLATION OF THE NEW TRANSFORMER AND THE PRIMARY CONDUITS.
- 2. SEE SHEET E1.100A FOR SITE LIGHTING FIXTURE DETAILS.

#### **REFERENCE NOTES**

- 1 INSTALL NEW SERVICE CONDUCTORS IN EXISTING SCH 40 PVC CONDUITS FROM TRANSFORMER SECONDARY TO CT CABINET. SEE PANEL FEEDER SCHEDULE ON SHEET E1.401 FOR CONDUCTOR SIZING.
- 2 INSTALL 13INX24INX12IN FLUSH GRADE FIBER COMPOSITE PULLBOX.
- 3 INSTALL ONE 2 INCH SCH 40 PVC CONDUITS WITH THREE #6AWG CONDUCTORS AND ONE 2 INCH SCH 40 PVC SPARE CONDUIT FROM LIGHTING CONTROL PANEL LCP1 TO THE PULLBOX.
- (4) INSTALL ONE 2 INCH SCH 40 PVC CONDUIT WITH THREE #6AWG CONDUCTORS TO SERVICE PARKING LOT LIGHTING.
- 5 REPLACE EXISTING PULL BOX WITH 48X48X30 INCH PULL BOX.
- 6 INSTALL TWO 4 INCH SCH 40 PVC CONDUITS 24 INCHES BELOW GRADE.
- $\langle 7 \rangle$  INSTALL ONE 4 INCH SCH 40 PVC CONDUIT FROM NEW PULL BOX INTO COMMUNICATIONS ROOM.
- 8 PULL BACK FIBER OPTIC CABLING FROM RACK LOCATED IN FACILITIES OFFICE TO PULL BOX AND REINSTALL EXISTING CABLING IN NEW CONDUITS. CABLE TO BE PULLED AND REINSTALLED ONE AT A TIME TO ENSURE NO COMMUNICATIONS OUTAGE. RE-TERMINATE CABLES AND CONNECT TO RACK PER ERAU STRUCTURED WIRING SPECIFICATIONS.
- (9) ABANDON CONDUIT, CUT AND CAP CONDUIT BELOW GRADE AT EACH END.
- 10 PULL BACK FIBER OPTIC AND FIRE ALARM CABLING FROM FACILITIES WAREHOUSE TO FACILITIES OFFICE BUILDING. FUSE THE 2 INCH CONDUIT FROM THE WARE HOUSE TO THE 2 INCH CONDUIT FROM THE OFFICE BUILDING AND REMOVE THE PULL BOX. RE-PULL AND RE-TERMINATE THE EXISTING FIBER OPTIC AND FIRE ALARM CABLING PER ERAU STRUCTURED WIRING SPECIFICATIONS.
- (11) INSTALL ONE 4 INCH SCH 40 PVC CONDUIT FROM PULL BOX TO MAIN ELECTRICAL ROOM. STUB CONDUIT UP ADJACENT TO TTB.





**PRODUCTION BUILDING** 

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# DDENDUM 2 - 01/15/2020



- 1. SEE EQUIPMENT FEEDER SCHEDULE ON SHEET E1.401 FOR DISCONNECT SWITCH INFORMATION.
- 2. ALL EXTERIOR ELECTRICAL EQUIPMENT SHALL BE NEMA 3R RATED.

#### **REFERENCE NOTES**

- 1 INTERCEPT AND REROUTE THREE 4 INCH EXISTING CONDUITS FROM THE UTILITY TRANSFORMER TO CT CABINET.
- 2 INSTALL ONE 4 INCH CONDUIT FROM THE COMMUNICATIONS PULL BOX TO THE TTB.
  - (3) INSTALL CT CABINET AND METER BASE. SEE DETAIL 4 ON SHEET E1.501 FOR DETAILS.
  - $\langle 4 \rangle$  INSTALL A 24 INCH X 6 INCH X 6 INCH NEMA 1 WIREWAY ABOVE THE PANEL USING THREE 3 INCH CONDUIT NIPPLES.
  - $\langle 5 \rangle$  INSTALL PANEL MDP SHUNT TRIP. PROVIDE A PERMANENT PLAQUE IN ACCORDANCE WITH AHJ AND 225.37, NEC 2014 IDENTIFYING THE BUTTON AS "MAIN POWER SHUNT TRIP".
  - $\left< \overline{6} \right>$  INSTALL 240VAC SAFETY SWITCH IN A NEMA 3R ENCLOSURE. SEE EQUIPMENT FEEDER SCHEDULE ON SHEET E1.401 FOR SWITCH RATINGS. ROUTE CONDUIT FROM SWITCH TO LOAD BELOW GRADE.
  - $\langle 7 \rangle$  INSTALL 240VAC SAFETY SWITCH IN A NEMA 1 ENCLOSURE. SEE EQUIPMENT FEEDER SCHEDULE ON SHEET E1.401 FOR SWITCH RATINGS.
  - $\langle 8 \rangle$  INSTALL SPARE 2 INCH PVC CONDUIT 24 INCHES BELOW GRAD FOR FUTURE USE.
  - $\langle 9 \rangle$  STUB UP AND CAP CONDUIT FLUSH WITH EQUIPMENT PAD SURFACE.
  - $\langle 10 \rangle$  STUB UP AND CAP CONDUIT 6 INCHES ABOVE GRADE.
- 1 COORDINATE WITH ELEVATOR VENDOR FOR INTEGRATION OF ACCESS CONTROLS.



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Date 12/20.		REVISION	DATE
Job no. 2019.		ADDENDUM 1	01/03/2020
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	ERAU PRODUCTION BUILDING		
F1 10	EMBRY-RIDDLE AERONAUTICAL UNIVERSITY, DAYTONA BEACH, FLORIDA		
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- 1. SYSTEMS FURNITURE CONNECTION POINTS ARE APPROXIMATE, COORDINATE FINAL INSTALLATION WITH FURNITURE VENDOR PRIOR TO INSTALLATION.
- 2. COORDINATE FLOOR BOX LOCATIONS WITH APPROVED FURNITURE SHOP DRAWINGS.
- 3. CONFIGURE SYSTEMS FURNITURE WIRING SO NO LESS THAN 25% OF SYSTEMS FURNITURE OUTLETS SHALL BE CONTROLLED. SEE SHEET E1.403 FOR DETAILS.
- 4. SEE EQUIPMENT FEEDER SCHEDULE ON SHEET E1.401 FOR DISCONNECT SWITCH INFORMATION.

#### **REFERENCE NOTES**

- SPACE ALLOCATION FOR 42U TWO POST IT RACK. RACK TO BE PROVIDED AND INSTALLED BY OTHERS.
- $\langle 2 \rangle$  INSTALL TWO 4 INCH CONDUIT SLEEVES TO THE FIRST FLOOR ELECTRICAL ROOM.
- $\langle 3 \rangle$  CONNECT CONDUITS TO TOP OF ELEVATOR CONTROLLER PANEL LOCATED IN ELEVATOR ENTRANCE. COORDINATE WITH ELEVATOR CONTRACTOR FOR FINAL LOCATION OF CONNECTION POINTS.
- $\langle 4 \rangle$  INSTALL 240VAC SAFETY SWITCH IN A NEMA 1 ENCLOSURE. SEE EQUIPMENT FEEDER SCHEDULE ON SHEET E1.401 FOR SWITCH RATINGS.
- $\left< 5 \right>$  INSTALL 1 INCH CONDUIT FROM ELEVATOR CONTROLLER TO TTB IN ROOM 106 FOR ELEVATOR PHONE.
- (6) INSTALL 1 INCH CONDUIT FROM ELEVATOR CONTROLLER TO FACP.





Date 12/20/:		REVISION	DATE
Job no. 2019-		Z ADDENDUM 2	01/15/2020
Sheet no.	FRALI PRODUCTION RUIL DING		
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# 15/2020 0 Ш ADD

GRAPHIC SCALE 1/4"=1'-0" 0' 1' 2' 4'



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- 1. ALL 120VAC NORMAL POWER LIGHTING CIRCUITS ARE FED FROM PANEL LP1.
- 2. ALL 120VAC EMERGENCY/LIFE SAFETY LIGHTING CIRCUITS ARE FED FROM EM LIGHTING INVERTER PANEL EL1.
- 3. CONTRACTOR TO PROVIDE AND INSTALL ALL COMPONENTS AND CABLING NECESSARY FOR A COMPLETE AND FUNCTIONAL LIGHTING CONTROL SYSTEM. SEE LIGHTING CONTROL DIAGRAMS ON SHEET E1.403.

#### **REFERENCE NOTES**

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 $\langle 1 \rangle$  INSTALL VAPOR-TIGHT FIXTURES IN ELEVATOR PIT





Date         12/20/2019           Job no.         2019-5743	FLOOR PLAN - FIRST FLOOR - LIGHTING	REVISION	DATE 01/15/2020
Sheet no.	ERAU PRODUCTION BUILDING EMBRY-RIDDLE AERONAUTICAL UNIVERSITY, DAYTONA BEACH, FLORIDA		
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- 1. ALL 120VAC NORMAL POWER LIGHTING CIRCUITS ARE FED FROM PANEL LP2.
- 2. ALL 120VAC EMERGENCY/LIFE SAFETY LIGHTING CIRCUITS ARE FED FROM EM LIGHTING INVERTER PANEL EL1.
- 3. CONTRACTOR TO PROVIDE AND INSTALL ALL COMPONENTS AND CABLING NECESSARY FOR A COMPLETE AND FUNCTIONAL LIGHTING CONTROL SYSTEM. SEE LIGHTING CONTROL DIAGRAMS ON SHEET E1.403.

#### **REFERENCE NOTES**

(1) INSTALL VAPOR-TIGHT FIXTURES IN ELEVATOR HOISTWAY







# ENDUM 2 - 01/15/2020 DD

GRAPHIC SCALE 1/8"=1'-0" 0' 2' 4' 8'









VOLTSI	-N · 120		PTIONS	REQUIR	FD		PAI	NEL :	MDP							ENCLOSURE DATA	
	PH : 208	SFF	RATED	YES	20			MCB ·	800	AMPS						NEMA · 1	
	3			MLO ·	N/A	AMPS						SECTIONS 1					
MER · SO		0011		0			PRO		IFW PA	NFI						DEPTH · 9 5	
						1.00		FLEC	TRICAL	ROOM	106					FED FROM: UTILITY	
			AIC RA	TING (FL	JLLY RA	TED OR	SERIES F	RATED):	35	KA (MIN	IIMUM, S	EE SPE	CIFICATI	ONS)			
		1	1	1									1	1			
NOTES	DESCRIPTION	LOAD	AMPS	AMPS	AMPS	C.B.	C.B.	CKT.	CKT.	C.B.	C.B.	AMPS	AMPS	AMPS	LOAD	DESCRIPTION	NOTES
		CONN				AMPS	POLES	NUM.	NUM.	POLES	AMPS				CONN		
	PANEL DP1		234			400	3	1	2	3	225	3				PANEL RP2	
	====			234		===	===	3	4	===	===		3			====	
	====				234	===	===	5	6	===	===			3		====	
	PANEL LP1		12			100	3	7	8	3	225	3				PANEL RP3	
	====			12		===	===	9	10	===	===		3			====	
	====				12	===	===	11	12	===	===			3		====	
	PANEL RP1		274			225	3	13	14	3	100	0				SPARE	
	====			274		===	===	15	16	===	===		0			====	
	====				274	===	===	17	18	===	===			0		====	
	ELEVATOR	79	79			175	3	19	20	3	30	0				SPD	
	====	79		79		===	===	21	22	===	===		0			====	
	====	79			79	===	===	23	24	===	===			0		====	
														AMPS	KVA		
	604	: AMPS	S PHASE	A							ACTUAI	CONN.	LOAD :	610	220		
	604	: AMPS	S PHASE	В								NEC DE	MAND :	597	215		
	604	: AMPS	S PHASE	С													
PANEL N	IOTES:																
1)	REFER TO PANEL FEEDER SCHEDULE FOR C	ONDUCT	OR AND	CONDU	IT REQL	JIREMEN	TS.										
2)	REFER TO EQUIPMENT FEEDER SCHEDULE F	OR CON	DUCTO	R AND CO	ONDUIT	REQUIR	EMENTS.										
3)	100% RATED MAIN BREAKER																
1																	

VOLTS L	-N : 120	MAIN O	PTIONS	REQUIR	ED		PA	NEL :	DP1							ENCLOSURE D
VOLTS P	PH. : 208	S.E. F	RATED :	N/A				MCB :	N/A	AMPS						NEMA : 1
PHASE :	3	GFI PROT.:         N/A         MLO:         400         AMPS           SHUNT TRIP:         N/A													SECTIONS : 2	
MOUNTI	NG : SURFACE														WIDTH/SECT.	
MFR : SC	Q. D.						PRO	VIDE N	EW PA	NEL						DEPTH : 5.75
TYPE : N	QOD	LOCATION: ELECTRIC RM. 206														
		AIC RATING (FULLY RATED OR SERIES RATED): 10 KA (MINIMUM, SEE SPECIFICATIONS)														
NOTES	DESCRIPTION	LOAD	AMPS	AMPS	AMPS	C.B.	C.B.	CKT.	CKT.	C.B.	C.B.	AMPS	AMPS	AMPS	LOAD	
		CONN				AMPS	POLES	NUM.	NUM.	POLES	AMPS				CONN	
	AHU-3	36	36			40	3	1	2	3	40	36			36	AHU-5
	====	36		36		===	===	3	4	===	===		36		36	====
	====	36			36	===	===	5	6	===	===			36	36	====
	AHU-4	36	36			40	3	7	8	3	40	37			37	AHU-6
	====	36		36		===	===	9	10	===	===		37		37	====
	====	36			36	===	===	11	12	===	===			37	37	====
	EF-1	7	7			20	1	13	14	3	100	8				PANEL LP2
	SPARE			0		20	1	15	16	===	===		8			====
	SPARE				0	20	1	17	18	===	===			8		====
	202E REC	4	6			20	1	19	20	1	20	11			7	200, 201, 202G
	202D REC	5		8		20	1	21	22	1	20		8		5	202H, 202L, 20
	202D REC	4			6	20	1	23	24	1	20			3	2	SE SYSTEMS F
	REC 202B	5	8			20	1	25	26	1	20	8			2	SE SYSTEMS F
	202A, 202C, 202F, 202G REC	8		12		20	1	27	28	1	20		5		3	NE SYSTEMS F
	202C COUNTER AND REFRIG REC	11			11	20	1	29	30	1	20			12	3	NE SYSTEMS F
	NW SYSTEMS FURNITURE	2	8			20	1	31	32	1	20	3			2	E SYSTEMS FL
	NW SYSTEMS FURNITURE	2		8		20	1	33	34	1	20		8		2	E SYSTEMS FL
	NW SYSTEMS FURNITURE	4			6	20	1	35	36	1	20			6	4	202J REC
	SW SYSTEMS FURNITURE	3	12			20	1	37	38	1	20	6			4	202K REC
	SW SYSTEMS FURNITURE	3		5		20	1	39	40	1	20		6		4	202M REC
	IT RACK REC	2			8	20	1	41	42	1	20			6	4	202N REC
	IT RACK REC	2	8			20	1	43	44	1	20	5			3	203, 204, 205 F
	W SYSTEMS FURNITURE	1		2		20	1	45	46	1	20		22		22	EWH-2
	W SYSTEMS FURNITURE	1			4	20	1	47	48	1	20			22	22	====
	COPIER	1	4			20	1	49	50	1	20	11			11	EWC
	SPARE			0		20	1	51	52	1	20		0			SPARE
	SPARE				0	20	1	53	54	1	20			0		SPARE
	SPARE		0			20	1	55	56	1	20	0				SPARE
	SPARE			0		20	1	57	58	1	20		0			SPARE
	SPARE				0	20	1	59	60	1	20			0		SPARE
	SPARE		0			20	1	61	62	1	20	0				SPARE
	SPARE			0		20	1	63	64	1	20		0			SPARE
	SPARE				0	20	1	65	66	1	20			0		SPARE
	SPARE		0			20	1	67	68	1	20	0				SPARE
	SPARE			0		20	1	69	70	1	20		0			SPARE
	SPARE				0	20	1	71	72	1	20			0		SPARE
	SPARE		0			20	1	73	74	1	20	0				SPARE
	SPARE			0		20	1	75	76	1	20		0			SPARE
	SPARE				0	20	1	77	78	1	20			0		SPARE
	SPARE		0			20	1	79	80	3	30	0				SPD
	SPARE			0		20	1	81	82	===	===		0			====
	SPARE				0	20	1	83	84	===	===			0		====
	L				-			1		1	1				1	1

248 : AMPS PHASE A 234 : AMPS PHASE B ACTUAL CONN. LOAD : 240 86 NEC DEMAND : 234 84

237 : AMPS PHASE C

1) REFER TO PANEL FEEDER SCHEDULE FOR CONDUCTOR AND CONDUIT REQUIREMENTS.

2) REFER TO EQUIPMENT FEEDER SCHEDULE FOR CONDUCTOR AND CONDUIT REQUIREMENTS.

3) PROVIDE GFI TYPE CIRCUIT BREAKER. 4) PROVIDE LOCKABLE BREAKER COLORED RED PER NFPA 72, SECTION 10.6.5

PANEL NOTES:

DATA	
: 20	
DP	
DESCRIPTION	NOTES
)2P REC	
FURNITURE	
FURNITURE	
FURNITURE	
URNITURE	
REC	
	3

VOLTS I	N : 120	MAIN C	PTIONS	REQUIR	ED		PA	PANEL :         MCB :         MLO :         MLO :         PROVIDE NE CATION: ELEE         ERIES RATED):         C.B.       CKT.         POLES       NUM.         3       1         ==       3         ==       5         3       7         ==       9         ==       11         1       13         1       15         1       17         2       19         ==       21         1       23         3       25         ===       27         ==       29         3       31         ===       33         ===       35         3       37         ===       34         3       37         ===       33         ===       34         3       43         ===       47         1       49         1       53         1       53         1       55         1       57 <th>RP1</th> <th></th>	RP1	
VOLTS F	PH. : 208	S.E. F	RATED :	N/A				MCB :	N/A	A
PHASE :	3	MAIN OPTIONS REQUIRED     PANEL : F       S.E. RATED:     NZ     MCS       GFI PROT:     NZ     MCS       ACE     SHUNT TRIP:     NZ       SHUNT TRIP:       ADESCRIPTION     LOAD     MPS     MPS     MPS     MPS     MPS     NMS     POLES     NULL       DESCRIPTION     LOAD     MPS     MPS     MPS     MPS     MPS     MPS     NMS     NUS     NUM       MINOPTION     LOAD     MPS     MPS     MPS     MPS     MPS     NMS     NUS     NUM     NUM       MINOPTION     LOAD     MPS     MPS     MPS     MPS     MPS     NMS     NUS     NUM     NUM       MINOPTION     LOAD     MPS     MPS     MPS     MPS     MPS     NUM     NUM     NUM       MINOPTION     42     42     42     42     42     30     31     1       MINOPTION     MINOPTION     MINOPTION     MINOPTION     MINOPTION     MINOPTION     MINOPTION     MINOPTION       MINOPTION     MINOPTION     MINOPTION     MINOPTION     MINOPTION     MINOPTION     MINOPTION     MINOPTION       MINOPTION     MINOPTION     MINOPTION     MINOPTION     M	225	А						
MOUNTI	OLTS L-N : 120         OLTS PH. : 208         HASE : 3         IOUNTING : SURFACE         IFR : SQ. D.         YPE : NQOD         IOTES       DESCRIPTION         DOAS-1         ====         AHU-1         ====         AHU-1         ====         EXTERIOR RECEPTACLES         RM 100, 103, 106 REC         3       EWC         EWH-1         ====         ELEVATOR SUMP PUIMP         DC-1         ====         HP-1         ====         HP-1         ====         HP-1         ====         HP-2         ====         HP-3         ====         SPARE         SPARE         SPARE	SHUN	T TRIP :							
MFR : SO	Q. D.						PRO	VIDE N	EW PA	NE
TYPE : N	IQOD					L	OCATIO	ON: ELE		R
			AIC R/	ATING (F	ULLY R	ATED OF	R SERIES I	RATED):	10	K
				1				1		_
NOTES	DESCRIPTION	LOAD	AMPS	AMPS	AMPS	C.B.	C.B.	CKT.	CKT.	
		CONN				AMPS	POLES	NUM.	NUM.	P
	DOAS-1	42	42			50	3	1	2	
	====	42		42		===	===	3	4	
	====	42			42	====	===	5	6	
	AHU-1	37	37			40	3	7	8	
	====	37		37		====	===	9	10	
	====	37			37	===	===	11	12	
	EXTERIOR RECEPTACLES	5	8			20	1	13	14	
	RM 100, 103, 106 REC	6		9		20	1	15	16	
3	EWC	11			11	20	1	17	18	
	EWH-1	22	22			30	2	19	20	Γ
	====	22		22		===	===	21	22	Γ
	ELEVATOR SUMP PUIMP	10			10	20	1	23	24	Γ
	DC-1	5	5			15	3	25	26	T
	====	5		5		====	===	27	28	T
	====	5			5	====	===	29	30	$\top$
	HP-1	21	21			35	3	31	32	T
	====	21		21		====	===	33	34	
	====	21			21	====	===	35	36	T
	HP-2	21	21			35	3	37	38	$\square$
	====	21		21		===	===	39	40	
	====	21			21	===	===	41	42	
	HP-3	18	18			30	3	43	44	T
	====	18		18		===	===	45	46	Γ
		18			18	===	===	47	48	
	SPARE		0			20	1	49	50	T
	SPARE			0		20	1	51	52	T
	SPARE				0	20	1	53	54	T
	SPARE		0			20	1	55	56	$\uparrow$
	SPARE			0		20	1	57	58	T
	SPARE				0	20	1	59	60	$\top$

277 : AMPS PHASE A

285 : AMPS PHASE B 262 : AMPS PHASE C

PANEL NOTES:

1) REFER TO PANEL FEEDER SCHEDULE FOR CONDUCTOR AND CONDUIT REQUIREMENTS.

2) REFER TO EQUIPMENT FEEDER SCHEDULE FOR CONDUCTOR AND CONDUIT REQUIREMENTS.

PROVIDE GFI TYPE CIRCUIT BREAKER.

4) PROVIDE LOCKABLE BREAKER COLORED RED PER NFPA 72, SECTION 10.6.5

VOLTS L	N : 120	MAIN O	PTIONS	REQUIR	ED		PA	NEL :	RP2	
VOLTS F	PH. : 208	S.E. F	RATED :	N/A				MCB :	N/A	٨N
PHASE :	3	GFI	PROT. :	N/A				MLO :	225	٨N
MOUNTI	NG : SURFACE	SHUN	T TRIP :	N/A						
MFR : SO	Q. D.						PRO	VIDE N		NE
TYPE : N	IQOD					L	OCATIO	ON: SH	ELL SF	PAC
			AIC RA	TING (FI	JLLY RA	TED OR	SERIES F	RATED):	22	KA
NOTES	DESCRIPTION	LOAD	AMPS	AMPS	AMPS	C.B.	C.B.	CKT.	CKT.	(
		CONN				AMPS	POLES	NUM.	NUM.	PC
	101 NORTH REC	3	5			20	1	1	2	
	101 SOUTH REC	2		3		20	1	3	4	
	SPARE				0	20	1	5	6	
	SPARE		0			20	1	7	8	
	SPARE			0		20	C.B.         CKI           S         PROVIDE           LOCATION: \$         S           R SERIES RATEI         NUN           1         1           1         3           1         5           1         7           1         9           1         13           1         15           1         19           1         19           1         19           1         23           1         25           1         25           1         27           1         29           1         31           1         35           1         35           1         35           1         37           1         39           1         41	9	10	
	SPARE				0	20	1	11	12	
	SPARE		0			20	1	13	14	
	SPARE			0		20	1	15	16	
	SPARE				0	20	1	17	18	
	SPARE		0			20	1	19	20	
	SPARE			0		20	1	21	22	
	SPARE				0	20	1	23	24	
	SPARE		0			20	1	25	26	
	SPARE			0		20	1	27	28	
	SPARE				0	20	1	29	30	
	SPARE		0			20	1	31	32	
	SPARE			0		20	1	33	34	
	SPARE				0	20	1	35	36	
	SPARE		0			20	1	37	38	
	SPARE			0		20	1	39	40	
	SPARE				0	20	1	41	42	

5 : AMPS PHASE A 3 : AMPS PHASE B

0 : AMPS PHASE C

PANEL NOTES:

1) REFER TO PANEL FEEDER SCHEDULE FOR CONDUCTOR AND CONDUIT REQUIREMENTS.

2) REFER TO EQUIPMENT FEEDER SCHEDULE FOR CONDUCTOR AND CONDUIT REQUIREMENTS.

3) PROVIDE GFI TYPE CIRCUIT BREAKER.

4) PROVIDE LOCKABLE BREAKER COLORED RED PER NFPA 72, SECTION 10.6.5

						WIDTH/SECT.: 20 DEPTH: 5.75		
. <b>10</b> (MIN	<b>6</b> NMUM, S	SEE SPE	CIFICAT	IONS)		FED FROM: MDP		
B.	C.B.	AMPS	AMPS	AMPS	LOAD	DESCRIPTION	NOTES	
.E3	40	37			37	AHU-2		
=	===		37		37			
=	===			37	37	====		
	20	0	0			SPARE		
	20		0	0		SPARE		
	30	5			5	FACP	4	
=	===		8		2	TTB RECEP		
	20	10		3	2	RM 105, 104 REC		
=	30	18	18		18	HP-4 ====		
=	===		-	18	18	====		
	30	18			18	HP-5		
=	===		18	40	18	====		
=	35	21		18	21	HP-6		
=	===		21		21	====_		
=	===			21	21	====		1
	20	2	-		1	ELEVATOR PIT REC		
	20		5	0	5	BAS PANEL		
	20	3		(	2	RM 101A RECEPTACLE AND JBOX	$\frown$	/>
	20		3		2	RM 102A RECEPTACLE AND JBOX		ľ
	20			0		SPARE		
	20	0	0			SPARE		
	20		U	0		SPARE		
	20	0		-		SPARE		
	20		0			SPARE		
	20			0		SPARE		
						ENCLOSURE DATA		
S						ENCLOSURE DATA NEMA : 1		
SSS						ENCLOSURE DATA NEMA : 1 SECTIONS : 1		
SSS						ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5 75		
5 5 10	1					ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP		
5 5 10 <sup>-</sup> //IN	<b>1</b> IMUM, SI	EE SPEC	SIFICATIO	DNS)		ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP		
3 3 10 MIN	1 IMUM, SI C.B.	EE SPEC		DNS)	LOAD	ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION	NOTES	
5 5 10 MIN S	1 IMUM, SI C.B. AMPS 20	EE SPEC	CIFICATIO	DNS)	LOAD CONN	ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION	NOTES	
10 <sup>-</sup>	1 IMUM, SI C.B. AMPS 20 20	EE SPEC AMPS 0	CIFICATIO	DNS)	LOAD CONN	ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE SPARE	NOTES	
;;; ; 10 	1 IMUM, SI C.B. AMPS 20 20 20	EE SPEC	CIFICATIO AMPS 0	DNS) AMPS	LOAD CONN	ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE SPARE SPARE	NOTES	
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	1 IMUM, SI C.B. AMPS 20 20 20 20 20 20 20	EE SPEC AMPS 0 0	CIFICATIO AMPS 0	DNS) AMPS	LOAD CONN	ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE SPARE SPARE SPARE SPARE	NOTES	
	1 IMUM, SI C.B. AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	EE SPEC AMPS 0 0	CIFICATIO AMPS 0 0	DNS) AMPS 0	LOAD CONN	ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	NOTES	
	1 IMUM, SI C.B. AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	EE SPEC	CIFICATIO AMPS 0 0	DNS) AMPS 0 0	LOAD CONN	ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	NOTES	
10 IIN	1 IMUM, SI C.B. AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	EE SPEC	CIFICATIO AMPS 0 0	DNS) AMPS 0	LOAD CONN	ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	NOTES	
	1 IMUM, S C.B. AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	EE SPEC AMPS 0 0	CIFICATIO AMPS 0 0	DNS) AMPS 0 0	LOAD CONN	ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP	NOTES	
	1 IMUM, S C.B. AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	EE SPEC AMPS 0 0 0	CIFICATIO AMPS 0 0 0	DNS) AMPS 0 0 0 0 0 0 0	LOAD CONN	ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE	NOTES	
S S	1 IMUM, SI AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	EE SPEC AMPS 0 0 0	CIFICATIO AMPS 0 0 0	DNS) AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	LOAD CONN	ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE	NOTES	
10 <sup>1</sup>	1 IMUM, SI AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	EE SPEC AMPS 0 0 0 0 0	CIFICATIO AMPS 0 0 0 0	DNS) AMPS 0 0 0 0		ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE	NOTES	
	1 IMUM, S C.B. AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	EE SPEC AMPS 0 0 0 0 0	CIFICATIO AMPS 0 0 0 0 0 0 0	DNS) AMPS 0 0 0 0 0 0	LOAD CONN	ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE	NOTES	
10 <sup>1</sup>	1 IMUM, SI C.B. AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	EE SPEC	CIFICATIO AMPS 0 0 0 0 0	DNS) AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE	NOTES	
10 <sup>1</sup>	1 IMUM, SI AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	EE SPEC AMPS 0 0 0 0 0 0 0 0 0 0 0	CIFICATIO AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DNS) AMPS 0 0 0 0 0 0 0 0 0 0		ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE	NOTES	
s s	1 IMUM, S C.B. AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	EE SPEC AMPS 0 0 0 0 0 0 0	CIFICATIO AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DNS) AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE SP	NOTES	
s s s	1 IMUM, SI AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	EE SPEC AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CIFICATIO AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DNS) AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE	NOTES	
s s	1 IMUM, SI AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	EE SPEC AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CIFICATIO AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DNS) AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE SP	NOTES	
33 310 MIN	1 MUM, S C.B. AMPS 20 20 20 20 20 20 20 20 20 20	EE SPEC AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CIFICATIO AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DNS) AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE SP	NOTES	
5 5 10 MIN	1         IMUM, SI         C.B.         AMPS         20	EE SPEC AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CIFICATIO AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DNS) AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	LOAD CONN	ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP    SPARE	NOTES	
5 5 10 MIN	1 IMUM, SI AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	EE SPEC AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CIFICATIO AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DNS) AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	LOAD CONN	ENCLOSURE DATA NEMA : 1 SECTIONS : 1 WIDTH/SECT . : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE S	NOTES	
5 5 10 10 10	1 IMUM, SI C.B. AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	EE SPEC AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CIFICATIO AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DNS) AMPS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	LOAD CONN	ENCLOSURE DATA NEMA: 1 SECTIONS : 1 WIDTH/SECT. : 20 DEPTH : 5.75 FED FROM: MDP DESCRIPTION SPARE SPA	NOTES	

## 1/15/2020 Ο 2 ADDENDUM

BALL IDEAS, DET BALL IDEAS, DET BALL IDEAS, DET BALL IDEAS, DET BALL IDEAS, DET BALL IDEAS, OR D ANYONE FOR J WRITTEN PERMIT		TISE OF, LIC.
VISION ADDENDUM 2 01		
2019-5743 SCHEDULES - ELECTRICAL	1.601 ERAU PRODUCTION BUILDING ABRY-RIDDLE AERONAUTICAL UNIVERSITY, DAYTONA BEACH, FLORIDA	

VOLTS L	-N : 120	MAIN C	PTIONS	REQUIF	RED		PA	NEL :	RP3							ENCLOSURE DATA
VOLTS F	PH. : 208	S.E. I	RATED :	N/A				MCB :	N/A	AMPS						NEMA : 1
PHASE :	3	GFI	PROT. :	N/A				MLO :	225	AMPS						SECTIONS : 1
MOUNTI	NG : SURFACE	SHUN	T TRIP :	N/A												WIDTH/SECT.: 20
MFR : SO	Q. D.						PRO		IEW PA	NEL						DEPTH : 5.75
TYPE : N	IQOD					L	OCATIO	ON: SH	ELL SF	PACE 10	)2					FED FROM: MDP
			AIC RA	TING (F	ULLY RA	TED OR	SERIES F	RATED):	22	KA (MI	NIMUM, S	SEE SPE	CIFICAT	IONS)		
NOTES	DESCRIPTION	LOAD	AMPS	AMPS	AMPS	C.B.	C.B.	CKT.	CKT.	C.B.	C.B.	AMPS	AMPS	AMPS	LOAD	DESC
		CONN				AMPS	POLES	NUM.	NUM.	POLES	AMPS				CONN	
	102 NORTH REC	3	5			20	1	1	2	1	20	0				SPARE
	102 SOUTH REC	2		3		20	1	3	4	1	20		0			SPARE
	SPARE				0	20	1	5	6	1	20			0		SPARE
	SPARE		0			20	1	7	8	1	20	0				SPARE
	SPARE			0		20	1	9	10	1	20		0			SPARE
	SPARE				0	20	1	11	12	1	20			0		SPARE
	SPARE		0			20	1	13	14	1	20	0				SPARE
	SPARE			0		20	1	15	16	1	20		0			SPARE
	SPARE				0	20	1	17	18	1	20			0		SPARE
	SPARE		0			20	1	19	20	1	20	0				SPARE
	SPARE			0		20	1	21	22	1	20		0			SPARE
	SPARE				0	20	1	23	24	1	20			0		SPARE
	SPARE		0			20	1	25	26	1	20	0				SPARE
	SPARE			0		20	1	27	28	1	20		0			SPARE
	SPARE				0	20	1	29	30	1	20			0		SPARE
	SPARE		0			20	1	31	32	1	20	0				SPARE
	SPARE			0		20	1	33	34	1	20		0			SPARE
	SPARE				0	20	1	35	36	1	20			0		SPARE
	SPARE		0			20	1	37	38	1	20	0				SPARE
	SPARE			0		20	1	39	40	1	20	-	0			SPARE
	SPARE				0	20	1	41	42	1	20			0		SPARE
														AMPS	KVA	
		5 : AMPS	S PHASE	A							ACTUA	L CONN.	LOAD :	3	1	
		3 : AMPS	S PHASE	В								NEC DE	MAND :	3	1	
		0 : AMPS	S PHASE	С												

PANEL NOTES:

1) REFER TO PANEL FEEDER SCHEDULE FOR CONDUCTOR AND CONDUIT REQUIREMENTS. 2) REFER TO EQUIPMENT FEEDER SCHEDULE FOR CONDUCTOR AND CONDUIT REQUIREMENTS.

3) PROVIDE GFI TYPE CIRCUIT BREAKER.

4) PROVIDE LOCKABLE BREAKER COLORED RED PER NFPA 72, SECTION 10.6.5

VOLTS L-N : 120 MAIN OPTIONS REQUIRED			ED		PA	NEL :	LP1							ENCLOSURE DATA			
VOLTS P	'H. : 208	S.E. F	RATED :	N/A				MCB :	N/A	AMPS						NEMA : 1	
PHASE :	3	GFI	PROT. :	N/A				MLO :	100	AMPS						SECTIONS : 1	
MOUNTI	NG : SURFACE	SHUN	T TRIP :	N/A												WIDTH/SECT. : 20	
MFR : SC	). D.					PROVIDE NEW PANEL									DEPTH : 5.75		
TYPE : N	QOD				LOCATION: ELECTRICAL ROOM 106								FED FROM: MDP				
			AIC RA	TING (FL	JLLY RA	TED OR	SERIES F	RATED):	22	KA (MIN	IIMUM, S	EE SPE	CIFICATI	ONS)			
				,				,		,				,			
NOTES	DESCRIPTION	LOAD	AMPS	AMPS	AMPS	C.B.	C.B.	CKT.	CKT.	C.B.	C.B.	AMPS	AMPS	AMPS	LOAD	DESCRIPTION	NOTES
		CONN				AMPS	POLES	NUM.	NUM.	POLES	AMPS				CONN		
	RM 101 LTS	336	3			20	1	1	2	1	20	3			336	RM 102 LTS	
	RM 100 LTS	136		1		20	1	3	4	1	20		2		180	RM 102A, 106 LTS	
	RM 101A, 103, 104, 105 LTS	238			2	20	1	5	6	1	20			2	240	EXTERIOR SCONCE	
	HOISTWAY LTS	60	1			20	1	7	8	1	20	1			100	SOUTH ENTRANCE EXTERIOR LTS	
3	ELEVATOR CAB LTS	1800		15		20	1	9	10	1	20		2		200	NORTH ENTRANCE EXTERIOR LTS	
-	SPARE				0	20	1	11	12	1	20			6	750	PARKING LIGHTS	
	SPARE		0			20	1	13	14	1	20	0				SPARE	
	SPARE			0		20	1	15	16	2	20		0			SPARE	
	SPARE				0	20	1	17	18	===	===			0		SPARE	
	SPARE		0			20	1	19	20	1	20	0				SPARE	
	SPARE			0		20	1	21	22	1	20		0			SPARE	
	SPARE				0	20	1	23	24	1	20			0		SPARE	
	SPARE		0			20	1	25	26	1	20	0				SPARE	
	SPARE			0		20	1	27	28	1	20		0			SPARE	
	SPARE				0	20	1	29	30	1	20			0		SPARE	
	SPARE		0			20	1	31	32	1	20	0				SPARE	
	SPARE			0		20	1	33	34	1	20		0			SPARE	
	SPARE				0	20	1	35	36	1	20			0		SPARE	
	SPARE		0			20	1	37	38	1	20	0				SPARE	
	SPARE			0		20	1	39	40	1	20		0			SPARE	
	SPARE				0	20	1	41	42	1	20			0		SPARE	
PANEL N	7 19 10 OTES:	: Amps : Amps : Amps	S PHASE S PHASE S PHASE	A B C							ACTUA	L CONN. NEC DE	LOAD : MAND :	AMPS 12 12	KVA 4 4		
1)							ITS										
2)							EMENTS										
-)		011001	200101														
•)	HOUSE OF THE OROOF BREAKEN.																



VOLTS L	-N : 120	MAIN O	PTIONS	REQUIF	RED		PA	NEL :	LP2							ENCLOSURE DATA		
VOLTS F	PH. : 208	S.E. F	RATED :	N/A				MCB :	N/A	AMPS						NEMA : 1		
PHASE :	3	GFI	PROT. :	N/A				MLO :	100	AMPS						SECTIONS : 1		
MOUNTI	- NG : SURFACE	SHUN	T TRIP :	N/A												WIDTH/SECT. : 20		
MFR : SO	D. D.						PRC	VIDE N		NEL						DEPTH : 5 75		
TYPE : N						100		FIFC	TRICAI	ROOM	206					FED FROM: DP1		
			AIC RA	TING (F	ULLY RA	TED OR	SERIES I	RATED):	22	KA (MIN	IIMUM, S	EE SPE	CIFICAT	IONS)				
NOTES	DESCRIPTION	LOAD	AMPS	AMPS	AMPS	C.B.	C.B.	CKT.	CKT.	C.B.	C.B.	AMPS	AMPS	AMPS	LOAD	DESCRIPTION	NOTES	
		CONN				AMPS	POLES	NUM.	NUM.	POLES	AMPS				CONN			
	PANEL EL1	8	8			20	1	1	2	1	20	1			63	RM 200 LTS		
	RM 202E LTS	68		1		20	1	3	4	1	20		2		188	RM 206, 202H, 202P LTS		
	RM 202D LTS	202			2	20	1	5	6	1	20			1	60	HOISTWAY LTS		
	RM 202B LTS	68	1			20	1	7	8	1	20	1			136	RM 202 LTS		
	WEST CORRIDOR LTS	68		1		20	1	9	10	1	20		1		136	RM 202J, 202K LTS		
	RM 202G LTS	136			1	20	1	11	12	1	20			1	136	RM 202M, 202N LTS		
	RM 201 LTS	136	1			20	1	13	14	1	20	0				SPARE		
	RM 202C, 202F, 202A LTS	232		2		20	1	15	16	1	20		0			SPARE		
	RM 203, 204, 205 LTS	118			1	20	1	17	18	1	20			0		SPARE		
	SPARE		0			20	1	19	20	1	20	0				SPARE		
	SPARE			0		20	1	21	22	1	20		0			SPARE		
	SPARE				0	20	1	23	24	1	20			0		SPARE		
	SPARE		0			20	1	25	26	1	20	0				SPARE		
	SPARE			0		20	1	27	28	1	20		0			SPARE		
	SPARE				0	20	1	29	30	1	20			0		SPARE		
	SPARE		0			20	1	31	32	1	20	0				SPARE		
	SPARE			0		20	1	33	34	1	20		0			SPARE		
	SPARE				0	20	1	35	36	1	20			0		SPARE		
	SPARE		0			20	1	37	38	1	20	0				SPARE		
	SPARE			0		20	1	39	40	1	20		0			SPARE		
	SPARE				0	20	1	41	42	1	20			0		SPARE		
							1	1						AMPS	KVA		-	
		12 : AMPS	S PHASE	A							ACTUA	L CONN.	LOAD :	8	3			
		6 : AMPS	S PHASE	В								NEC DE	MAND :	8	3			
		5 : AMPS	S PHASE	С														
PANEL N	IOTES:																	
1)	REFER TO PANEL FEEDER SCHEDULE FOR	R CONDUCT	OR AND	CONDL	JIT REQI	JIREMEN	NTS.											
2)	REFER TO EQUIPMENT FEEDER SCHEDUL	E FOR CON	DUCTO	R AND C	ONDUIT	REQUIR	EMENTS											
,																		

VOLTS L	-N : 120					PA	NEL :	EL1	
VOLTS F	PH: N/A						MCB :	20	AMPS
PHASE :	1						MLO :	N/A	AMPS
MFR: MY	'ERS								
TYPE: 1E	EM2S								
		AIC	RATING (	FULLY R	ATED OR	SERIES	RATED):	10	KA (MI
	L	2							
NOTES	DESCRIPTION	( LOAD	AMPS	AMPS	C.B.	C.B.	CKT.		
		CONN		$\left  \right\rangle$	AMPS	POLES	NUM.		
	INTERIOR EMERGENCY	1094	9	}	20	1	1	-	
			$\overline{}$						
									ACTU
PANEL N	IOTES:								
1)	1.6 KVA EMERG. LTG. INVE		1 120V IN	PUT/OUT	PUT.				

	А	CUITY BLUE B	OX LT: LCP1									
	PROJECT NAME: ERAU PRODUCTION BUILDING											
RELAY	SWITCH	PANEL &	DESCRIPTION	CONTRO	L NOTES	DESCRIPTION	PANEL &	SWITCH	RELAY			
NO.	LEG	CIRCUIT NO.		(SEE B	ELOW)		CIRCUIT NO.	LEG	NO.			
1	aa	LP1-6	EXTERIOR SCONCE	b	b	NORTH ENTRY EXTERIOR	LP1-10	сс	2			
3	bb	LP1-8	SOUTH ENTRY EXTERIOR	b	b	PARKING LOT LIGHTS	LP1-14	dd	4			
5	ee	EL1-1	S EXTERIOR EMERGENCY	b	b	N EXTERIOR STAIRS	EL1-1	ff	6			
7			SPARE RELAY			SPARE RELAY			8			
GENERAL	JENERAL NOTES:											
(1) - SEE S	1) - SEE SPECIFICATIONS FOR REQUIREMENTS.											

(2) - PROVIDE OVERRIDE SWITCHES AT PANEL FOR EACH SET POINT.

(3) - COLOR CODING OF CONDUCTORS SHALL BE THE SAME THROUGHOUT CIRCUIT.

(4) - PROVIDE PROGRAMMED TIME-OF DAY OFF OF ALL INTERIOR SPACE LIGHTING RELAYS. (5) - PROVIDE SYSTEM PHOTOCELL ON ROOF FACING NORTH AND CONNECT TO RELAY PANEL PROCESSOR. (6) - PROVIDE BARRIER IN PANEL TO SEPARATE NORMAL AND EMERGENCY CIRCUITS. (7) - PROVIDE DOUBLE POLE SINGLE THROW RELAYS FOR ALL CIRCUITS FED BY 2 POLE C.B.'S

CONTROL NOTES:

a - CIRCUIT CONTROLLED VIA DIGITAL SWITCH AND PROGRAMMED TIME OF DAY 'OFF' SCHEDULE. b - PHOTOCELL ON TIME CLOCK OFF PER OWNER'S DIRECTION.

c - PHOTOCELL ON - PHOTOCELL OFF.

d - REFER TO RELAY PANEL CONTROL DIAGRAM FOR ADDITIONAL CONTROL REQUIRMENTS.

e - PROVIDE PROGRAMMABLE DIMMING MODULE FOR THIS SWITCHLEG (COORDINATE WITH FIXTURE TYPE).

g - CIRCUIT CONTROLLED VIA LOCAL SWITCH AND PROGRAMMED TIME OF DAY 'OFF' SCHEDULE.



BUILDING YTONA BEACH, FLORIDA TION PRODUC 



HOUSEMAN Architecture

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