REFERENCE STANDARDS AND REGULATORY REQUIREMENTS:

1. CONFORM TO ALL THE APPLICABLE REQUIREMENTS OF THE FOLLOWING CODE, STANDARDS, GUIDELINES, ETC. IF THERE SHOULD BE CONFLICTING REQUIREMENTS BETWEEN THESE CODES, STANDARDS, GUIDELINES, ETC., THE MORE OR MOST STRINGENT REQUIREMENT SHALL APPLY THAT DOES NOT VIOLATE ANY CODES OR LAWS.

   a. FLORIDA BUILDING CODE (FBC), 2007 EDITION AND 2009 SUPPLEMENTS

   b. NATIONAL ELECTRIC CODE (NEC), 2008 EDITION [NFPA 70]

   c. FLORIDA FIRE PREVENTION CODE 2007 EDITION

   d. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

   e. UNDERWRITER'S LABORATORY (UL)

   f. NATIONAL ELECTRICAL MANUFACTURERS' ASSOCIATION (NEMA)

   g. THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA)

   h. ALL AUTHORITIES HAVING JURISDICTION, APPLICABLE STANDARDS AND GUIDELINES.

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH CODES AND STANDARDS LISTED IN THE CONTRACT DOCUMENTS.
2. COORDINATE WITH FPL FOR THE UTILITY TRANSFORMER CONNECTION AND CURRENT TRANSFORMERS FOR METERING. FPL CONTACT: LARRY RUSSO @ (941) 723-4424
3. NOTIFY ENGINEER OF ANY CONFLICTS PRIOR TO PURCHASING EQUIPMENT AND PRIOR TO ROUGH-IN.
4. CONTRACTOR SHALL NOT CONCEAL ANY WORK UNTIL INSPECTED BY ELECTRICAL INSPECTOR AND/OR ENGINEER. CONTRACTOR SHALL NOTIFY ENGINEER OF A SCHEDULED INSPECTION TIME WITHIN 72 HOURS. CONTRACTORS SHALL NOT CONCEAL WORK UNTIL APPROVED.
5. ALL DEBRIS SHALL BE REMOVED FROM THE SITE DAILY TO AN APPROVED DUMPING FACILITY WHICH MEETS FEDERAL AND LOCAL REQUIREMENTS. NO BURNING ON SITE WILL BE ALLOWED. OWNER'S DUMPSTER SHALL NOT BE USED.

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	POWER DISTRIBUTION
	1' X 4' RECESSED FLUORESCENT
	1' X 4' RECESSED FLUORESCENT (EMERGENCY POWER)
	4' INDUSTRIAL FLUORESCENT
	4' INDUSTRIAL FLUORESCENT (EMERGENCY POWER)
	2' INDUSTRIAL FLUORESCENT
	WALL MOUNTED FIXTURE
	WALL MOUNTED FIXTURE (EMERGENCY POWER)
	AREA LIGHT, SINGLE HEAD.
PE	PHOTOELECTRIC CONTROLLER
$*	SWITCHES - 20A, 120V, SINGLE POLE UNLESS NOTED OTHERWISE BY SUBSCRIPTS BELOW. WALL MOUNT AT 48" AFF TO CENTER UNO. * = M MANUAL MOTOR STARTER SWITCH
OS1	OCCUPANCY SENSOR-CEILING MOUNTED, DUAL TECHNOLOGY (PASSIVE INFRARED/ULTRASONIC) UON. SUBSCRIPTS INDICATE THE FOLLOWING: 1 OCCUPANCY SENSOR TYPE 1 - 360 DEGREE VIEWING ANGLE, LINE VOLTAGE (OR LOW VOLTAGE WITH POWER PACK), AND WITH MINIMUM 1000 SQUARE FOOT COVERAGE.
	20A, 125V DUPLEX RECEPTACLE. WALL MOUNT AT 18" AFF TO CENTER UON.
	20A, 125V GFCI DUPLEX RECEPTACLE. WALL MOUNT AT 18" AFF TO CENTER UON.
WP	20A, 125V GFCI DUPLEX RECEPTACLE WITH WEATHER PROOF COVER. WALL MOUNT AT 18" AFF TO CENTER UON.
	20A, 125V GFCI DUPLEX RECEPTACLE. MOUNT ABOVE COUNTER TOP.
	EMERGENCY SHUT-OFF BUTTON.
DS	DISCONNECT SWITCH. MOUNT AT 72" AFF TO TOP.
	COMBINATION STARTER/DISCONNECT SWITCH
	EQUIPMENT MOTOR CONNECTION INCLUDING ALL CONDUCTORS, CONDUIT, FLEXIBLE CONDUIT, JUNCTIONS BOXES CONNECTORS, FITTINGS, ETC. REQUIRED FOR PROPER CONNECTION.
J	JUNCTION BOX OR PULL BOX.
SS	PARALLEL CONNECTED SURGE SUPPRESSOR.
VFD	VARIBALE FREQUENCY DRIVE
CB1	ENCLOSED CIRCUIT BREAKER, MOUNT AT 60" AFF TO TOP.
T	DRY TYPE TRANSFORMER. WALL MOUNT AT 60" AFF TO TOP. SEE DETAIL 2 ON SHEET E5.01 FOR GROUNDING DETAIL.
	PANELBOARD, SURFACE MOUNTED AT 72" AFF TO TOP.
	CONDUIT AND WIRE RUN CONCEALED IN CEILING OR WALL: (2) 12 AWG + (1) 12 AWG GND IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED.
PNL1-1	HOMERUN CONSISTING OF ONE SINGLE-PHASE, 1-POLE CIRCUIT: (2) 12 AWG + (1) 12 AWG GND IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. PANELBOARD AND CIRCUIT DESIGNATION ARE INDICATED.
PNL1-1: 3	HOMERUN CONSISTING OF ONE SINGLE-PHASE, 2-POLE CIRCUIT: (2) 12 AWG + (1) 12 AWG GND IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. PANELBOARD AND CIRCUIT DESIGNATION ARE INDICATED.
PNL1-1: 3: 5	HOMERUN CONSISTING OF ONE THREE-PHASE CIRCUITS: (3) 12 AWG + (1) 12 AWG GND IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED (NO NEUTRAL CONDUCTOR IS INCLUDED). PANELBOARD AND CIRCUIT DESIGNATION ARE INDICATED.
PANEL	PANELBOARD WHEN PRESENT, INDICATES PANELBOARD WITH MAIN CIRCUIT BREAKER, SEE PANEL SCHEDULE FOR SIZE. IF NOT PRESENT PANELBOARD WITH MAIN LUGS ONLY.

MISCELLANEOUS

1 / E0.01 — TITLE — DETAIL NUMBER; DETAIL TITLE REFERENCE; SCALE: ; SHEET NUMBER WHERE DETAIL IS REFERENCED

1 / E0.01 — DETAIL OR TITLE NUMBER; DETAIL REFERENCE; SHEET NUMBER WHERE DETAIL OR TITLE IS REFERENCED

SHEET NOTES

1. INSTALL ALL EQUIPMENT AND DEVICES AT THE HEIGHT INDICATED ON THIS SHEET UNLESS OTHERWISE NOTED. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR SPECIAL MOUNTING HEIGHTS AND LOCATIONS OF ELECTRICAL DEVICES. MOUNTING HEIGHTS AND LOCATIONS INDICATED ON ARCHITECTURAL ELEVATIONS TAKE PRECEDENCE OVER MOUNTING HEIGHTS AND LOCATIONS INDICATED ON THE ELECTRICAL PLANS.
2. LIGHTING FIXTURES INDICATED AS FOLLOWS: UPPER CASE LETTER WITH NUMERAL DENOTES FIXTURE TYPE (SEE LUMINAIRE SCHEDULE).
3. WHERE DEVICES ARE INDICATED TO BE MOUNTED ABOVE A COUNTERTOP, MOUNT DEVICE SUCH THAT BOTTOM OF COVER PLATE IS 2" ABOVE TOP OF BACK SPLASH. IF THERE IS NO BACK SPLASH, MOUNT DEVICE 2" ABOVE FINISHED COUNTER TOP SURFACE TO BOTTOM OF DEVICE COVER PLATE.

ABBREVIATIONS

A			
AFC	AMPERES	GND	GROUND
AFF	ABOVE FINISHED CEILING	HGT	HEIGHT
AFG	ABOVE FINISHED FLOOR	HOA	HAND-OFF-AUTOMATIC
AIC	ABOVE FINISHED GRADE	HP	HORSEPOWER
	AMPERES INTERUPTING	HVAC	HEATING/VENTILATING/
BKR	CAPACITY		AIR CONDITIONING
BLDG	BREAKER	JB	JUNCTION BOX
C	BUILDING	KV	KILO-VOLTS
CAB	CONDUIT	KVA	KILO-VOLTS-AMPERES
CB	CABINET	KW	KILO-WATTS
CKT	CIRCUIT BREAKER	LTG	LIGHTING
CLG	CIRCUIT	MAX	MAXIMUM
CL	CEILING	MCB	MAIN CIRCUIT BREAKER
COMM	CENTERLINE	MCP	MOTOR CIRCUIT PROTECTOR
CT's	COMMUNICATION	MFR	MANUFACTURER
CU	CURRENT TRANSFORMERS	MIN	MINIMUM
DISC	COPPER	MISC	MISCELLANEOUS
DWG	DISCONNECT(ING)	MLO	MAIN LUGS ONLY
EA	DRAWING(S)	MTR	MOTOR
EF	EACH	MTD	MOUNTED
EM	EXHAUST FAN	MTG	MOUNTING
EMT	EMERGENCY	NEC	NATIONAL ELECTRICAL CODE
EQUIP	ELECTRICAL METALLIC TUBING	NTS	NOT TO SCALE
EUH	EQUIPMENT	PNL	PANEL
EWC	ELECTRIC UNIT HEATER	PVC	POLYVINYL CHLORIDE
EWH	ELECTRIC WATER COOLER	REC	RECEPTACLE
EXH	ELECTRIC WATER HEATER	RGS	RIGID GALVANIZED STEEL
EXIST	EXHAUST	TVSS	TRANSIENT VOLTAGE SURGE
FBC	EXISTING		SUPPRESSOR
FLA	FLORIDA BUILDING CODE	TYP	TYPICAL
FLUOR	FULL LOAD AMPERES	UON	UNLESS OTHERWISE NOTED
GEN	FLUORESCENT	V	VOLTS
GFCI	ENGINE GENERATOR SET	VA	VOLT-AMPERES
	GROUND FAULT CIRCUIT	W	WATTS
GFP	INTERRUPTER	WP	WEATHER PROOF
	GROUND FAULT PROTECTION	XFMR	TRANSFORMER

CONSTRUCTION DOCUMENTS

MEP
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ELECTRICAL SYMBOL LEGEND, NOTES AND ABBREVIATIONS

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DATE: 08.27.2010
DRAWN BY: MA
CHK'D BY: SRA

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SHEET
E0.01