

Order Plans

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
○	FLUORESCENT OR HID FIXTURE, CEILING TYPE (1)	[FACP]	FIRE ALARM CONTROL PANEL, TOP 66" AFF
○	FLUORESCENT OR HID LIGHT FIXTURE, WALL BRACKET TYPE (1)	[FAAP]	FIRE ALARM ANNUNCIATION PANEL, TOP 66" AFF
□	FLUORESCENT LIGHT FIXTURE (1)	[F]	FIRE ALARM SYSTEM PULL STATION 46" AFF
■	FLUORESCENT LIGHT FIXTURE ON EMERGENCY POWER OR WITH BATTERY PACK (1)	⊙	FIRE ALARM SYSTEM HEAT DETECTOR CEILING MOUNTING (W FOR WALL MOUNTING)
—	FLUORESCENT STRIP (1)	[S]	FIRE ALARM SYSTEM STROBE SEMI FLUSH IN WALL 80" AFF TO BOTTOM
□	FLUORESCENT STAIRWELL LIGHT FIXTURE ON EMERGENCY POWER OR WITH BATTERY PACK (1)	⊙	FIRE ALARM SYSTEM DUCT TYPE SMOKE DETECTOR IN SUPPLY DUCT (R IN RETURN DUCT)
↔	FLOODLIGHT, (ARROW SHOWS AMING) (1)	⊙	FIRE ALARM SYSTEM SMOKE DETECTOR SEMI FLUSH IN CEILING (W FOR WALL MOUNTING)
↔	LIGHTING TRACK WITH HEADS AS INDICATED (1)	[SK]	FIRE ALARM SYSTEM SPEAKER/STROBE SEMI FLUSH IN WALL 80" AFF TO BOTTOM
↔	EXIT LIGHT, ARROW(S) AS INDICATED (1)	[HK]	FIRE ALARM SYSTEM HORN/STROBE SEMI FLUSH IN WALL 80" AFF TO BOTTOM
⊠	POLE WITH POLE TOP MOUNTED FIXTURE (1)	⊙	FIRE ALARM SYSTEM BELL
⊠	POLE WITH ARM MOUNTED FIXTURE (1)	■	MAGNETIC DOOR HOLDER WITH FLUSH BOX ON WALL
⊠	EMERGENCY LIGHT (BATTERY PACK) (1)	[T]	TAMPER SWITCH
⊠	COMBINATION TWIN HEAD EMERGENCY EXIT LIGHT (1)	[FS]	FLOW SWITCH
⊠	SINGLE POLE SWITCH 46" AFF OR AS NOTED (2)	[R]	FAN SHUTDOWN RELAY
⊠	TWO POLE SWITCH 46" AFF OR AS NOTED (2)		
⊠	THREE-WAY SWITCH 46" AFF OR AS NOTED (2)		
⊠	FOUR-WAY SWITCH 46" AFF OR AS NOTED (2)		
⊠	MOMENTARY CONTACT SWITCH 46" AFF OR AS NOTED (2)		
⊠	DIMMER SWITCH (6 FOR 600W, 10 FOR 1000W, ETC.) 46" AFF OR AS NOTED (2)		
⊠	OCCUPANCY SENSOR SWITCH 46" AFF OR AS NOTED (2)		
⊠	FAN CONTROLLER 46" AFF OR AS NOTED (2)		
⊠	DUPLEX RECEPTACLE 18" AFF OR AS NOTED (2) (3)		
⊠	DUPLEX RECEPTACLE (MOUNTED ABOVE COUNTER) 46" AFF OR AS NOTED (2) (3)		
⊠	DUPLEX RECEPTACLE (ONE HALF SWITCHED) 46" AFF OR AS NOTED (2)		
⊠	SINGLE RECEPTACLE 125V, 20A, 18" AFF OR AS NOTED (2)		
⊠	2 DUPLEX RECEPTACLES IN 2 GANG BOX WITH COMMON COVERPLATE, 18" AFF OR AS NOTED (2)		
⊠	2 DUPLEX RECEPTACLES IN 2 GANG BOX WITH COMMON COVERPLATE, 46" AFF OR AS NOTED (2)		
⊠	RECEPTACLE FLUSH FLOOR MOUNTED (2) (3)		
⊠	OCCUPANCY SENSOR SWITCH LOCATED IN CEILING (2)		
⊠	DUPLEX POKE-THRU FLOOR RECEPTACLE (2) (3)		
⊠	SPECIAL RECEPTACLE AS NOTED. 18" AFF OR AS NOTED		
⊠	WIREMOLD, SIZE, LENGTH, AND NUMBER OF OUTLETS PER FOOT NOTED, MOUNT AS NOTED (2)		
⊠	TELE-POWER POLE		
⊠	TELEPHONE POKE-THRU FLOOR OUTLET		
⊠	TELEPHONE OUTLET 18" AFF OR AS NOTED		
⊠	COMMUNICATIONS/DATA OUTLET 18" AFF OR AS NOTED		
⊠	COMBINATION TELEPHONE/DATA OUTLET 18" AFF OR AS NOTED		
⊠	TELEPHONE OUTLET FLUSH IN FLOOR		
⊠	CABLE TV OUTLET 18" AFF OR AS NOTED		
⊠	PAY STN TELEPHONE OUTLET 46" AFF OR AS NOTED		
⊠	DRY TYPE TRANSFORMER		
⊠	DISCONNECT SWITCH, AMPERAGE/POLE/FUSE/VOLTAGE/NEMA TYPE (NEMA 1 UON) 1000V UON AS INDICATED		
⊠	SINGLE PHASE MANUAL MOTOR STARTER		
⊠	COMBINATION MOTOR STARTER, SIZE AND TYPE AS NOTED		
⊠	COMBINATION MOTOR STARTER AND DISCONNECT SWITCH, SIZE AND TYPE AS NOTED		
⊠	ELECTRIC DUCT HEATER WITH DISCONNECT SWITCH, AMPERAGE/POLE/FUSE AS INDICATED		
⊠	MOTOR CONNECTION OR EXHAUST FAN		
⊠	OUTLET, JUNCTION OR PULL BOX		
⊠	DRIVEN GROUND UON		
⊠	JUNCTION BOX WITH FLEXIBLE CONNECTION TO LIGHT FIXTURE ABOVE CEILING		
⊠	CONDUIT CONCEALED IN CEILING SPACE OR WALL (3)		
⊠	CONDUIT IN SLAB OR UNDERGROUND (3)		
⊠	CONDUIT EXPOSED ON WALL OR CEILINGS (3)		
⊠	PHASE, NEUTRAL, EQUIPMENT GROUND, ISOLATED GROUND CONDUCTORS (3)		
⊠	PANELBOARD 480Y/277V, TOP 84" AFF		
⊠	PANELBOARD 208Y/120V OR 240V/120V, TOP 84" AFF		
⊠	MOLDED CASE CIRCUIT BREAKER		
⊠	INSULATED CASE DRAW OUT CIRCUIT BREAKER		
⊠	CONDUIT RUN UP		
⊠	CONDUIT RUN DOWN		
⊠	CONDUIT STUB		
⊠	REFER TO LIKE NUMBERED NOTES		

ABBREVIATIONS

AFF	ABOVE FINISHED FLOORS
AFG	ABOVE FINISHED GRADE
AHU#	AIR HANDLING UNIT
ATS	AUTOMATIC TRANSFER SWITCH
BFG	BELOW FINISHED GRADE
C	CONDUIT
CLG	CEILING MOUNTED
CU#	CONDENSING UNIT
DN	DOWN
E	EXISTING
EC	ELECTRICAL CONTRACTOR
EG	EQUIPMENT GROUND
ENCL	ENCLOSURE
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
ECC	ELECTRODE CONDUCTOR
GI	GROUND FAULT INTERRUPTER
HID	HIGH INTENSITY DISCHARGE
HOR	HORIZONTAL
HP	HORSEPOWER
IG	ISOLATED GROUND
JB	JUNCTION BOX
LSIG	LONG, SHORT, INSTANTANEOUS, GROUND FAULT SETTINGS
N	NEW
NEUT	NEUTRAL
NF	NON-FUSED
NL	NIGHT LIGHT
NP	NAMEPLATE
PNL	PANEL
R	RELOCATED
RTU#	ROOF TOP UNIT
SPEC	SPECIFICATIONS
TL	TWISTLOCK
UON	UNLESS OTHERWISE NOTED
VER	VERTICAL
WP	WEATHERPROOF

LEGEND NOTES

- (1) LETTER INSIDE OR ADJACENT TO FIXTURE SYMBOL INDICATES TYPE. SEE FIXTURE SCHEDULE FOR MANUFACTURER, MOUNTING, QUANTITY AND TYPE OF LAMPS.
- (2) SEE SPECIFICATIONS FOR VOLTAGE AND AMPERE RATING.
- (3) CIRCUIT AND NEUTRAL SHARING DESIGNATIONS ARE SHOWN ON HOMERUNS AND ARE TO BE CONSISTENT THROUGHOUT CIRCUITS. WHERE MULTIPLE NEUTRALS ARE INSTALLED, INTERCHANGE OF NEUTRALS IS PROHIBITED. ALL RACEWAYS CONTAIN AT MINIMUM (2) #12 CURRENT CARRYING CONDUCTORS PLUS (1) #12 EQUIPMENT GROUND IN 1/2" C, UON (3/4" C WHERE INSTALLED BELOW GRADE).

LEGEND GENERAL NOTES

- (1) ALL MOUNTING HEIGHTS ARE TO CENTERLINE UON
- (2) ALL SYMBOLS MAY NOT BE USED

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 FLORIDA REGISTERED PROFESSIONAL ENGINEERING FIRM #989
 FLORIDA REGISTERED LANDSCAPE ARCHITECTURE FIRM LC-C000219
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Daniel A. Sutyak

BUTLER PARK
 AQUATIC CENTER
 CITY OF NORTHPORT, FL

ELECTRICAL
 LEGEND & DETAILS

Scale:	AS SHOWN
Designed by:	DAS
Drawn by:	SW
Checked by:	DAS
Date:	DECEMBER 2017
Project No.:	48285014

SHEET
 EB-1.0

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Job Number: 84080