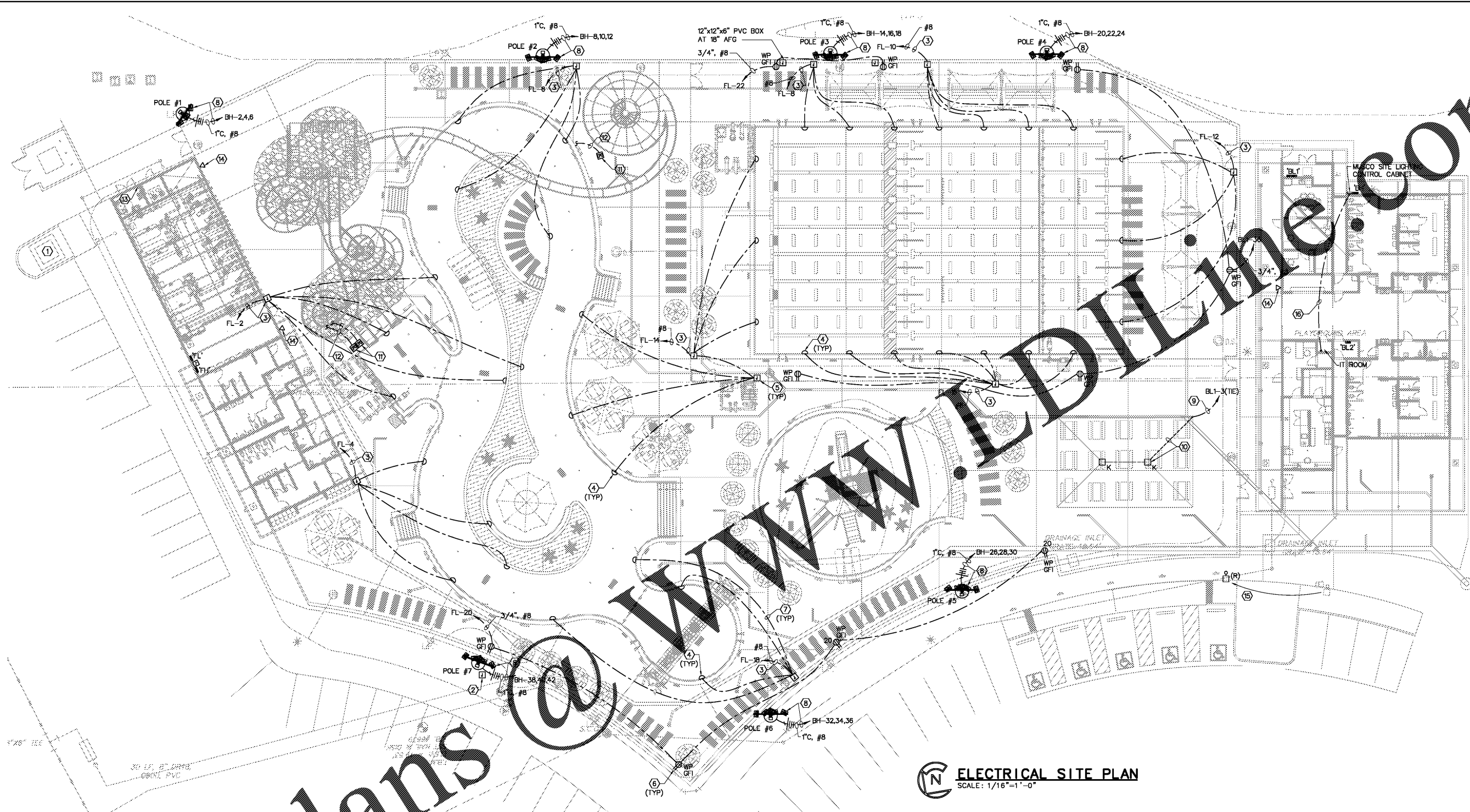


Order Plans



ELECTRICAL SITE PLAN
SCALE: 1/16"=1'-0"

NOTES

- APPROXIMATE LOCATION OF UTILITY COMPANY POWER PAD MOUNTED TRANSFORMER. COORDINATE PRIMARY CIRCUIT REQUIREMENTS AND ROUTING WITH UTILITY COMPANY.
- EC TO PROVIDE (2) 2" PVC CONDUITS WITH PULL STRINGS EXTENDED FROM IT ROOM TO THIS LOCATION AND PROVIDE 8"x8" WP IN-GROUND JUNCTION BOX FLUSH WITH TOP GROUND FOR CONNECTION TO EXISTING (2) 2" C EXTENDED FROM MAIN BUILDING. REFER TO HEX NOTE 6 ON SHEET EB-3.0.
- ROUTE CIRCUITS VIA LIGHTING CONTACTORS LCCB. REFER TO LIGHTING CONTROL DIAGRAM AND CONTACTOR SCHEDULE ON SHEET EB-4.0.
- OVERWATER POOL LIGHT, CORDS, AND ASSOCIATED POOL LIGHT JUNCTION BOXES ARE PROVIDED BY THE POOL CONTRACTOR AND INSTALLED BY THE EC. COORDINATE CONDUIT LENGTHS WITH POOL CONTRACTOR. REFER TO 'SP' DRAWINGS FOR EXACT QUANTITIES AND LOCATIONS.
- PROVIDE ABOVE-GROUND WEATHERPROOF POOL LIGHT JUNCTION BOX. COORDINATE JUNCTION BOX SIZE, TYPE, AND EXACT LOCATIONS WITH POOL CONTRACTOR.
- PROVIDE ARLINGTON GARD-N-POST MODEL# GPD19B. REFER TO DETAIL 2 ON SHEET EF-3.2.
- 3/4" EMPTY CONDUIT WITH PULL STRING FOR POOL LIGHTING CONDUCTORS (FBO). EC SHALL COORDINATE EXACT LOCATIONS AND ROUTING WITH POOL INSTALLER PRIOR TO ROUGH-IN.

- LIGHTING POLE PROVIDED BY OTHER (MUSCO LIGHTING). EC SHALL PROVIDE CONNECTION TO J-BOX MOUNTED ON POLE. CIRCUITS TO BE CONTROLLED VIA MUSCO LIGHTING CABINET. EC SHALL EXTEND CONDUIT AND CIRCUITING IN TO CABINET. FINAL CONNECTION TO LIGHTING POLE J-BOX AND INSIDE CABINET TO BE MADE BY MUSCO LIGHTING. COORDINATE WITH MUSCO LIGHTING INSTALLER PRIOR TO ROUGH-IN.
- ROUTE CIRCUITS VIA LIGHTING CONTACTORS LCCB. REFER TO LIGHTING CONTROL DIAGRAM AND CONTACTOR SCHEDULE ON SHEET EB-4.0.
- EC TO INSTALL FIXTURE ON METAL CROSS MEMBER. ROUTE CONDUCTORS THRU SHADE STRUCTURAL MEMBERS AND ROUTE DOWN THRU COLUMNS. EXPOSED CONDUIT IS NOT ALLOWED.
- WEATHERPROOF EMERGENCY "E-STOP" PUSH BUTTON, EATON 10250T5862 SERIES OR EQUIVALENT. MOUNT PUSH BUTTON ON POST. COORDINATE PUSH BUTTON REQUIREMENT WITH POOL EQUIPMENT INSTALLER PRIOR TO PURCHASE. REFER TO DETAIL 1 ON SHEET EF-3.2.
- 3/4" PVC CONDUIT WITH 4 #12, 1 #12 EG TO SLIDE PUMP VFD FOR REMOTE STOP CAPABILITY. STUB-UP CONDUIT UNDER SLIDE PUMP VFD IN FILTRATION ROOM. COORDINATE STUB-UP LOCATION WITH POOL EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
- REMOTE PUMP START/STOP PANEL.
- WEATHER PROOF, EMERGENCY 911 TELEPHONE OUTLET AT 48" AFG. INSTALL 1" EMPTY CONDUIT WITH PULL STRING TO TELEPHONE BOARD IN IT ROOM.

- RELOCATE EXISTING SITE LIGHTING FIXTURE TO THIS LOCATION. EXTEND CIRCUITING AS REQUIRED TO FACILITATE RELOCATION. OF POLE.
 - 1" EMPTY CONDUIT FROM SITE LIGHTING CONTROL CABINET TO IT ROOM, STUB-UP AND CAP, FOR CONTROL CONDUCTORS FOR SITE LIGHTING (BY OTHERS).
- GENERAL NOTES**
- ALL SITE CONDUCTORS SHALL BE #10 AWG IN 3/4" C, UON.
 - CONDUIT FOR PRIMARY FEED TO UTILITY TRANSFORMER PROVIDED BY UTILITY COMPANY.
 - EC SHALL BOND AND GROUND POOL AREA PER NEC 680.26.
 - ALL CONNECTIONS IN IN-GROUND HANDHOLES SHALL BE MADE WITH WATERPROOF, SNAP-LOCK GEL FILLED CONNECTOR KITS EQUAL TO CMC #DSR2/O OR RAYCHEM #GTAP-2 AND KING "DRY-CONN" WIRE NUTS FOR FEUSE TO FIXTURE CONNECTION.

This Item has been electronically signed and sealed by Daniel A. Sutyak, PE. On 12/15/2017 using a Digital Signature.
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Scale:	AS SHOWN
Designed by:	DAS
Drawn by:	SW
Checked by:	DAS
Date:	DECEMBER 2017
Project No.:	48285014

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FLORIDA REGISTERED LANDSCAPE ARCHITECTURE FIRM LC-000219
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**BUTLER PARK
AQUATIC CENTER
CITY OF NORTHPORT, FL**

**ELECTRICAL
SITE PLAN**