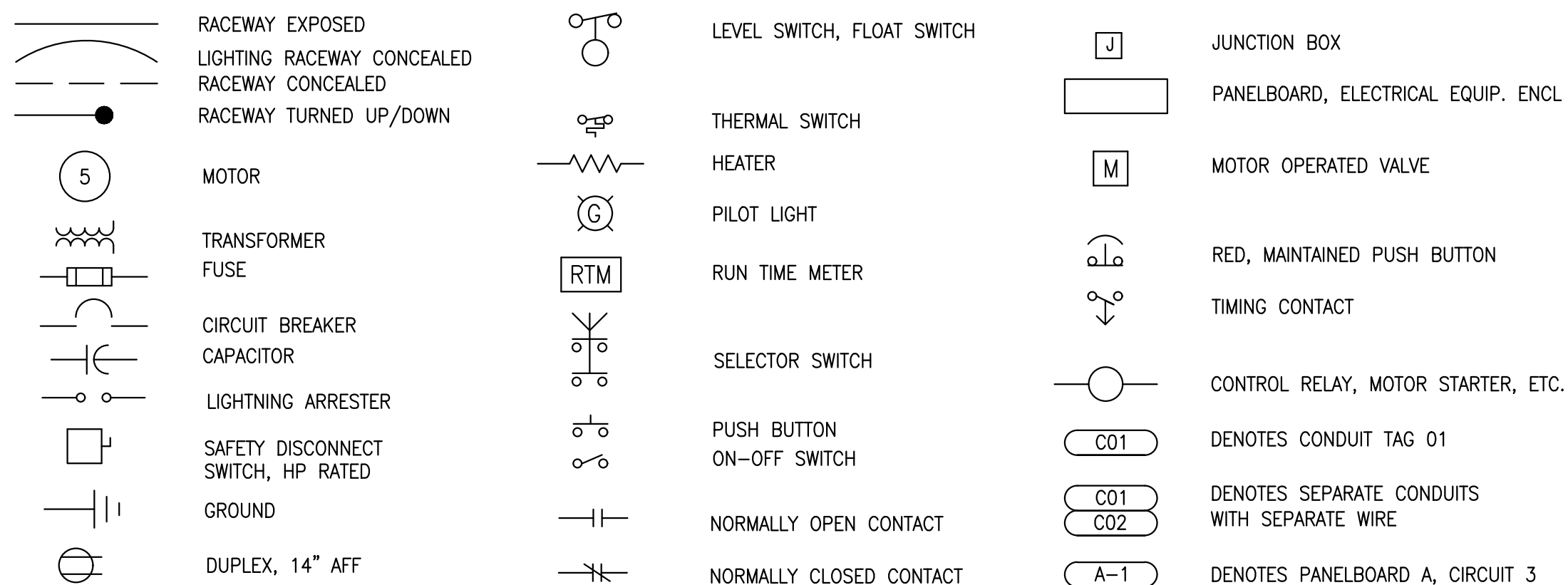


### ELECTRICAL LEGEND



### GENERAL ELECTRICAL NOTES

**READ THE SPECIFICATIONS**  
REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. THERE ARE REQUIREMENTS NOTED IN THE SPECIFICATIONS WHICH ARE NOT INDICATED ON THE DRAWINGS.

**SCHEMATIC NATURE**  
PLAN VIEWS ARE SCHEMATIC IN NATURE AND MEANT TO SHOW THE SCHEMATIC ARRANGEMENT OF EQUIPMENT AND CONDUIT.

**APPROVED SHOP DRAWINGS**  
USE APPROVED SHOP DRAWINGS FOR LAY OUT OF EQUIPMENT. THE CONTRACT DOCUMENTS WILL VARY FROM THE SHOP DRAWINGS. INFORM THE ENGINEER IMMEDIATELY IF THERE ARE LAY OUT ISSUES OR INADEQUATE SPACE FOR EQUIPMENT OR CLEARANCES. LAND CONDUITS IN OPENINGS OF ENCLOSURES PER THE APPROVED SHOP DRAWINGS, DO NOT USE THE CONTRACT DRAWINGS.

**CLEARANCES**  
IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MEET N.E.C. CLEARANCES ABOUT EQUIPMENT. THE SAME APPLIES TO RACEWAY SUPPORTS.

**ROUTING**  
CONDUIT ROUTING IS SCHEMATIC IN NATURE. CONDUIT ROUTING IS SHOWN FOR CLARITY ON THE CONTRACT DRAWINGS. ROUTE CONDUITS AS MAY BE REQUIRED.

**FUTURE FACILITIES**  
WHERE FUTURE FACILITIES ARE INDICATED. CONDUIT ROUTING SHALL ACCOUNT FOR SUCH FACILITIES.

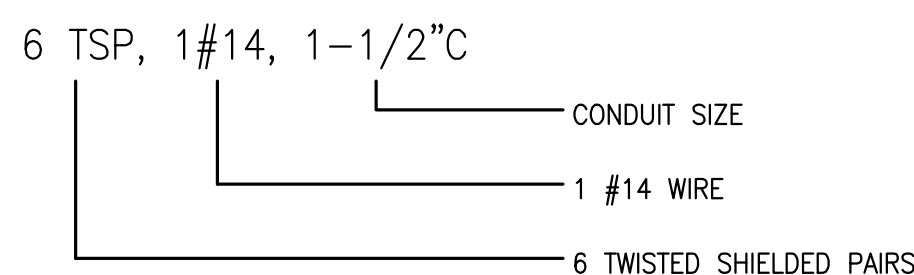
**RESPONSIBILITIES**  
BIDDERS, SUPPLIERS, EQUIPMENT VENDORS, GENERAL CONTRACTOR, SUB CONTRACTORS AND OTHER SIMILAR ENTITIES ARE REQUIRED TO READ ALL THE CONTRACT DOCUMENTS INCLUDING DRAWINGS AND SPECIFICATIONS.

**HOMERUNS**  
CONTRACTOR SHALL COORDINATE HOME RUNS BETWEEN PLAN VIEWS. WHERE ANY CONDUIT IS SHOWN IN ANY PLAN VIEW IT SHALL BE INSTALLED THE ENTIRE LENGTH AS MAY BE REQUIRED.

### ELECTRICAL ABBREVIATIONS

AXS	AUTO TRANSFORMER STARTER	PB	PUSH BUTTON
CR	CONTROL RELAY	PM	POWER MONITOR
CP	CONTROL PANEL	R,G,A	RED, GREEN, AMBER PILOT LIGHT
CPP	CONCRETE POWER POLE	RGS	RIGID GALVANIZED STEEL
DISC	DISCONNECT SWITCH	SA	SURGE ARRESTER
ETM	ELAPSED TIME METER	SFM	SEAL FAIL MONITOR
F	FUSE	SS	SELECTOR SWITCH OR 316 STAINLESS STEEL
FSA	FIELD SURGE ARRESTOR	ST	SHUNT TRIP
GFI	GROUND FAULT INTERRUPTER	ST/SP	START/STOP
HOA	HAND-OFF-AUTO	TS	TEST SWITCH
HOR	HAND-OFF-REMOTE	WP	WEATHER PROOF
IPB	INST. PULL BOX	WPP	WOOD POWER POLE
LA	LIGHTNING ARRESTER	ZSC	POSITION SWITCH CLOSED
LS	LIFT STATION	ZSO	POSITION SWITCH OPEN
LSCP	LIFT STATION CONTROL PANEL		
OL	OVER LOAD RELAY		

### CONDUIT LEGEND



### MATERIAL SCHEDULE

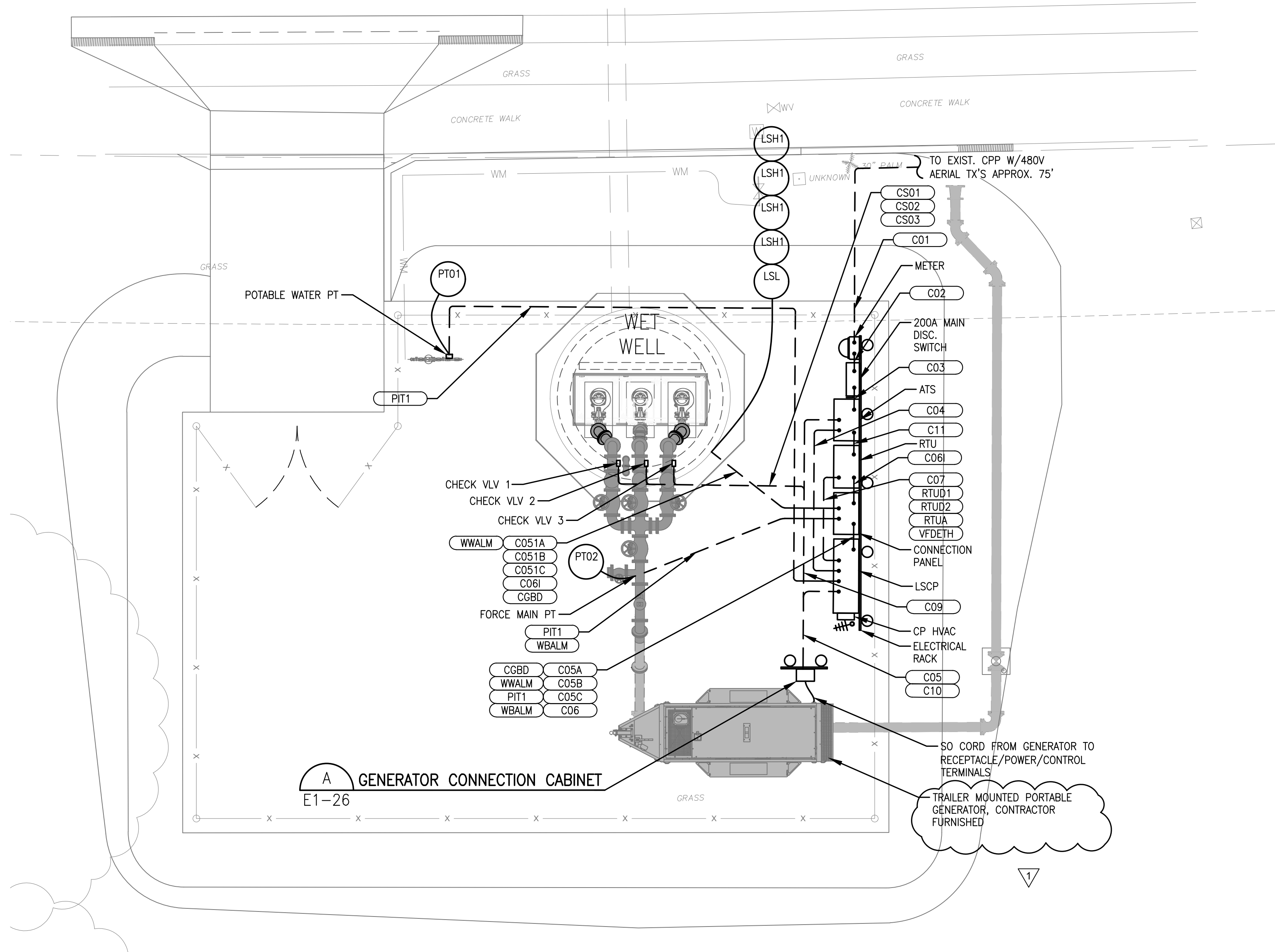
LOCATION	CONDUIT	ENCLOSURE MATERIALS	ENCLOSURE NEMA RATING	FASTENERS, STRUT, THREADED ROD, ETC.	REMARKS
EXTERIOR					
BURIED, NOT TO WELL	PVC SCHED. 80	CONCRETE BOXES	N/A	316 SS	
EXPOSED	PVC SCHED. 80	316 SS	4X	316 SS	
WETWELL	PVC COATED RGS	E/P	7	316 SS	CLASS 1, DIV 2

### GENERAL NOTES

- THE FOLLOWING SHALL ESTABLISH THE MINIMUM LEVEL OF QUALITY FOR MATERIALS.
- THE FOLLOWING SHALL APPLY UNLESS OTHERWISE INDICATED
- THE FOLLOWING SHALL NOT APPLY TO POWER TRANSFORMERS, LIGHT FIXTURES AND LIGHT POLES, THOSE ELEMENTS ARE NOTED OR INDICATED ELSEWHERE

### LEGEND

N/A	NOT APPLICABLE
316 SS	316 STAINLESS STEEL



BAR EQUAL TO ONE INCH ON ORIGINAL DRAWING  
ALL DIMENSIONS ACCORDINGLY

CADD FILE: 03/21/2018  
NO. DATE BY REVISION

**C&W engineering**  
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SEAL  
DALE G. WALKER  
FLORIDA P.E. NO. 36914  
DATE

FLORIDA E.B. NO. 48  
**MOCK • ROOS**  
ENGINEERS • SURVEYORS • PLANNERS  
5720 Corporate Way, West Palm Beach, Florida 33407 (561) 683-3113, Fax 478-7248

FLORIDA L.B. NO. 48  
FIELD: ---  
DRAWN: AOD  
DESIGN: JLR  
APPR: DGW  
SCALE: AS SHOWN

**ELECTRICAL SITE PLAN**  
LIFT STATION NO. 88  
REHABILITATION  
WEST PALM BEACH  
PALM BEACH COUNTY, FLORIDA  
DATE: DECEMBER 2017  
P.A. NO. WA200.00  
DWG. NO. 43-43-18-36  
SHEET: E1-1