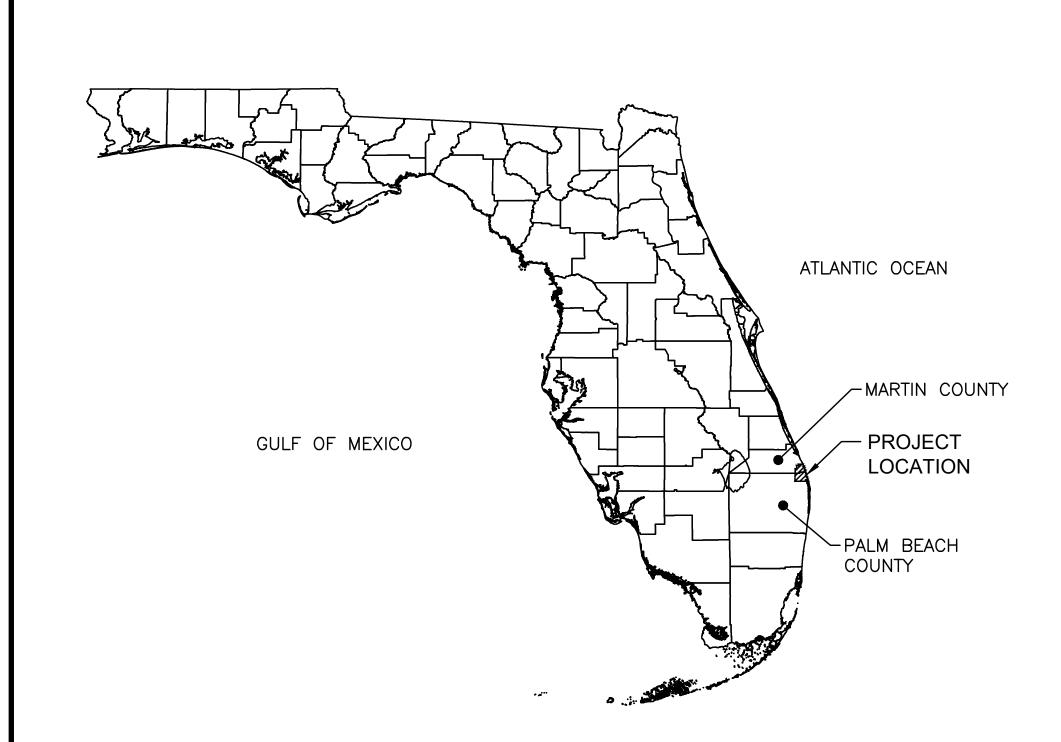
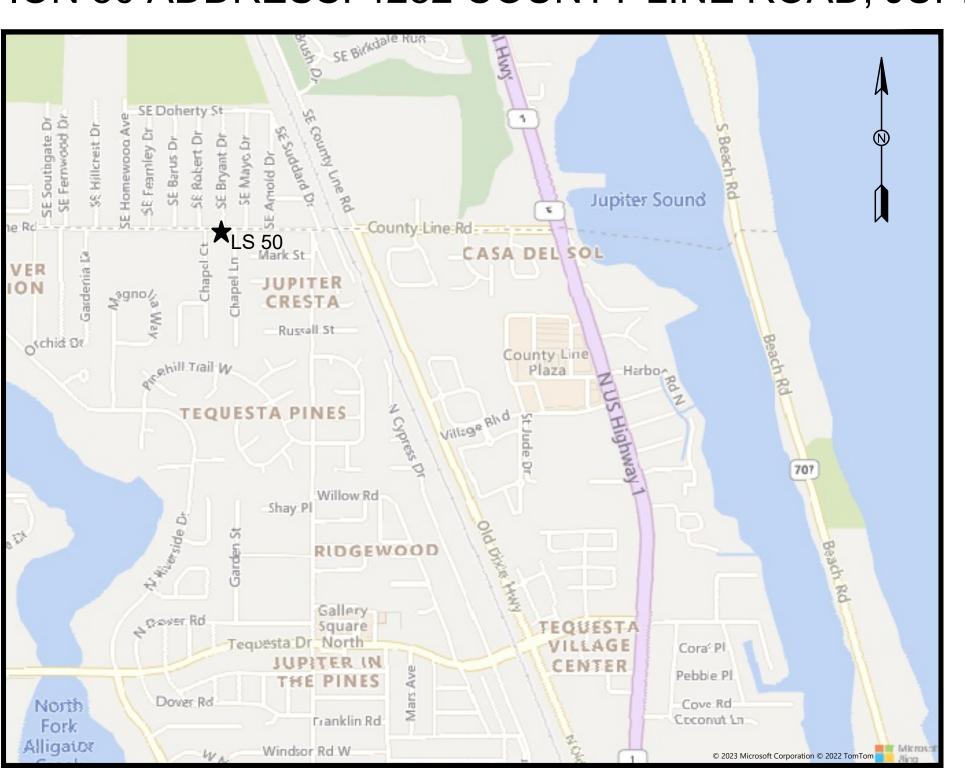
LIFT STATION NO. 50 EMERGENCY GENERATOR PROJECT

PREPARED FOR LOXAHATCHEE RIVER DISTRICT

PALM BEACH COUNTY, FLORIDA SECTION 25, TOWNSHIP 40S, RANGE 42E LIFT STATION 50 ADDRESS: 4282 COUNTY LINE ROAD, JUPITER, FL.





VICINITY MAP NTS



LOXAHATCHEE RIVER DISTRICT GOVERNING BOARD

STEPHEN B. ROCKOFF GORDON M. BOGGIE CLINTON R. YERKES KEVIN L. BAKER DR. MATT ROSTOCK

CHAIRMAN VICE CHAIRMAN TREASURER SECRETARY ASST. TREASURER

JUNE 2024

SHEET INDEX

SHEET No. SHEET TITLE

GENERAL NOTES AND LEGEND

LIFT STATION No. 50 DEMOLITION PLAN

LIFT STATION No. 50 SITE PLAN

LIFT STATION DETAILS

ELECTRICAL NOTES & LEGEND

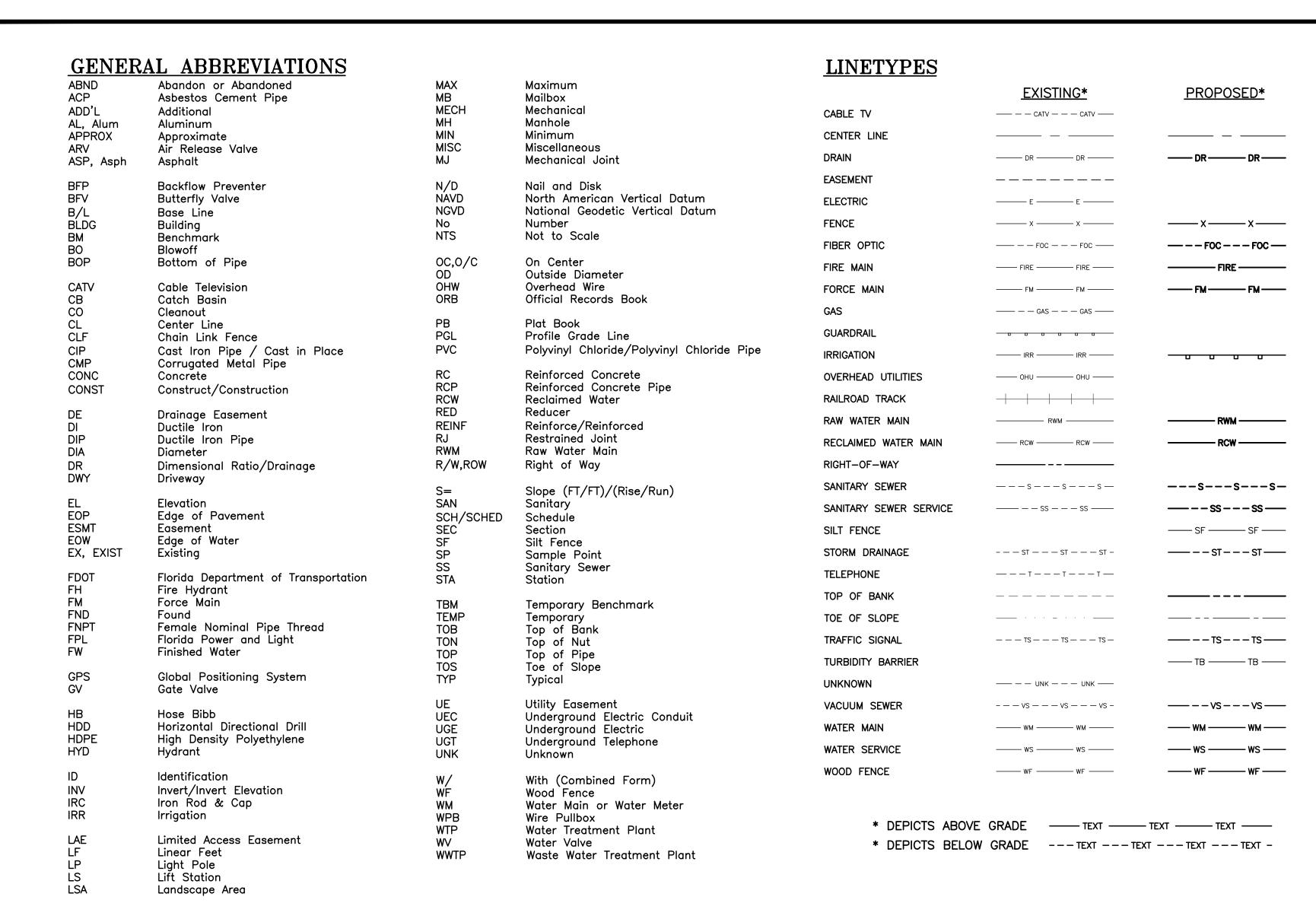
ELECTRICAL DEMOLITION SITE PLAN ELECTRICAL INSTALL SITE PLAN

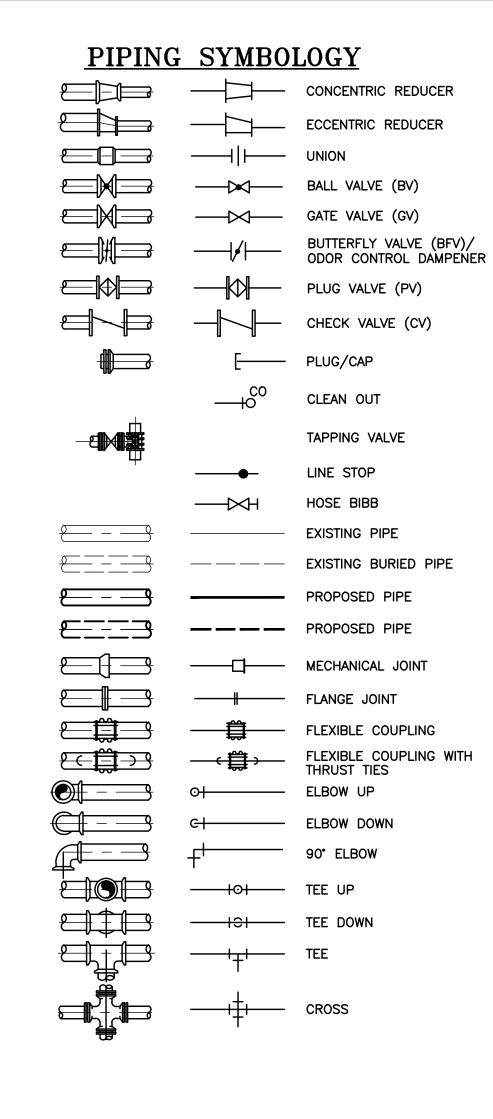
ELECTRICAL RISER DIAGRAM

GENERATOR ATS LOOP CHECK DETAIL

ELECTRICAL DETAILS

License No: 60906

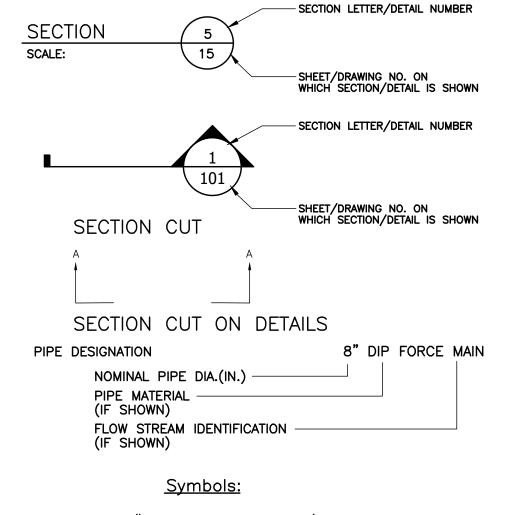




CIVIL SYMBOLOGY

CONSTRUCTION BASE LI	NE		0+00
DIRECTION OF FLOW			· ~~
EXIST. SPOT ELEVATION		x 19.5)
PROP. SPOT ELEVATION		• 0	.0
BENCHMARK		♦ EL. 20.90	
NEW CONTOUR ELEV.	^	79.5	~~~
EXIST. UTILITY POLES	UTILITY PO	WER TELEPHON	LIGHT
NEW UTILITY POLES	UTILITY PO	WER TELEPHON	LIGHT
PIPING CONFLICT LOCAT	TION	C-1	
SAMPLE POINT		SP1)	
WATER SURFACE	PLAN · · · SECTION · ·	······	EL.48,00
FIRE HYDRANT		NEW NEW	EXIST.
EXIST. MANHOLE, DRAIN	AGE STRUCTUR	RE 🔘	
NEW MANHOLE, DRAINAC	GE STRUCTURE	0	
TO BE REMOVED/DEMOL	LISHED		

SECTION/DETAIL SYMBOL



- Pounds/Number Angle
- Round/Diameter

Know what's below. Call before you dig.

SURVEY ABBREVIATIONS & LEGEND ◆ BENCHMARK

(C) = CALCULATED C.B.S. = CONCRETE BLOCK STRUCTURE C.M.B. = COMMISSIONERS' MINUTES BOOK CMH = CONFLICT MANHOLE D.B. = DEED BOOK E = EASTI.P. = IRON PIPE

P.B.C.R. = PALM BEACH COUNTY RECORDS

P.R.M. = PERMANENT REFERENCE MONUMENT

SBTMH = SOUTHERN BELL TELEPHONE MANHOLE

PCN = PARCEL CONTROL NUMBER

I.R. = IRON ROD

(M) = MEASURED

MON. = MONUMENT

N = NORTH

(P) = PLAT

PG. = PAGE

S = SOUTH

(S) = SURVEY

TV = TELEVISION

WP = WOOD POLE

W = WEST

LB = LICENSED BUSINESS

LS = LICENSED SURVEYOR

 $\dot{M}.\dot{H}.W. = MEAN HIGH WATER$

R.P.B. = ROAD PLAT BOOK

SMH = SANITARY MANHOLE

STMH = STORM MANHOLETB = TRAFFIC BOX

TLP = TRAFFIC LIGHT POLE

WUP = WOOD UTILITY POLE

SLP = STOP LIGHT POLE

- * PALM TREE WITH DIAMETER IN INCHES SANITARY MANHOLE
- SV SANITARY VALVE WITH CONCRETE APRON

Date: 6/11/24

Scale: <u>AS NOTED</u>

Design By: CM

Drawn By: RR

Check By: CM

WOOD POWER POLE

SURVEY NOTES

- 1. THIS SURVEY DOES NOT ADDRESS ENVIRONMENTAL MATTERS, JURISDICTIONAL BOUNDARIES OR HAZARDOUS WASTE CONCERNS SHOULD ANY OF THE FOREGOING EXIST.
- 2. THE ELEVATIONS SHOWN HEREON ARE FOR THE PURPOSE OF INDICATING THE GROUND ELEVATION ONLY AT THE POSITION SHOWN AND IN NO WAY INDICATE ELEVATIONS AT ANY OTHER POINT THAN SHOWN HEREON AND DO NOT DETERMINE SUB SURFACE CONDITIONS.
- 3. UNDERGROUND APPARENT USE AND/OR IMPROVEMENTS HAVE NOT BEEN SHOWN UNLESS OTHERWISE NOTED.
- 4. DATE OF FIELD SURVEY: FEBRUARY 17TH 2023, AS RECORDED IN FIELD BOOK 532, PAGES 58 THROUGH 60.
- 5. BY GRAPHIC PLOTTING ONLY THE SUBJECT PROPERTY LIES WITHIN ZONE X, AS SHOWN ON THE U.S. DEPARTMENT OF HOMELAND SECURITY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP, MAP NUMBER: 12099C0180F, COMMUNITY: VILLAGE OF TEQUESTA, NUMBER: 120228, PANEL 0180, SUFFIX: F, EFFECTIVE DATE: OCTOBER 5, 2017.
- 6. IN SOME INSTANCES, GRAPHIC REPRESENTATIONS HAVE BEEN EXAGGERATED TO MORE CLEARLY ILLUSTRATE RELATIONSHIPS BETWEEN PHYSICAL IMPROVEMENTS AND/OR LOT LINES. IN ALL CASES, DIMENSIONS SHOWN SHALL CONTROL THE LOCATION OF THE IMPROVEMENTS OVER SCALED POSITIONS.
- 7. MEASUREMENTS SHOWN HEREON ARE EXPRESSED IN FEET AND DECIMAL PARTS THEREOF UNLESS OTHERWISE NOTED.
- 8. BENCHMARK OF ORIGIN: NGS BENCHMARKS "A 232" AND "B 170" WHOSE PUBLISHED ELEVATIONS ARE 15.92' AND 14.83' RESPECTIVELY, BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.
- 9. ELEVATIONS REFERENCED HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29).
- 10. TO CONVERT FROM NAVD 88 TO NGVD 29 ADD 1.529'. EXAMPLE: 10.00' (NAVD 88) = 11.529' (NGVD 29).

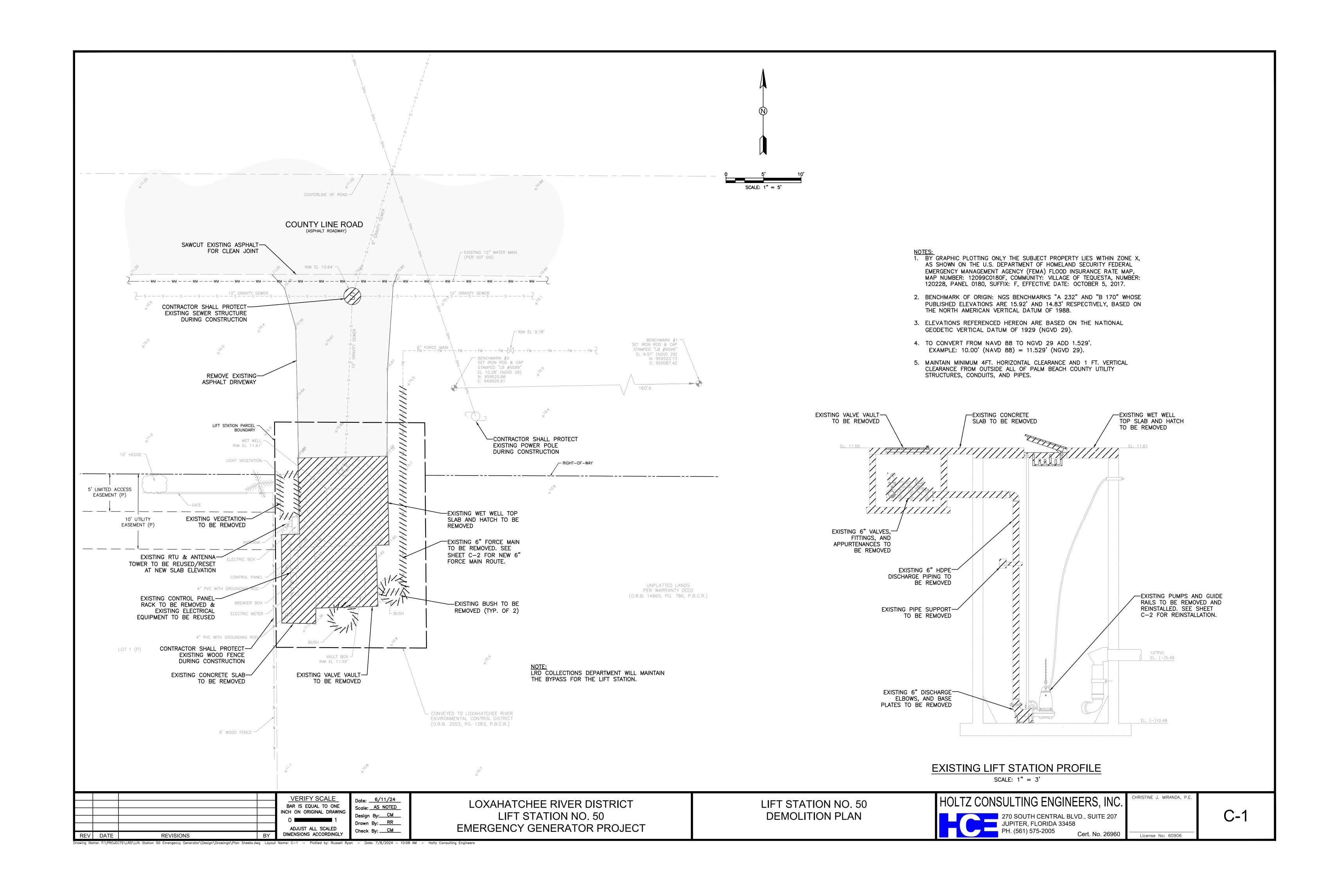
BAR IS EQUAL TO ONE NCH ON ORIGINAL DRAWING ADJUST ALL SCALED DIMENSIONS ACCORDINGLY

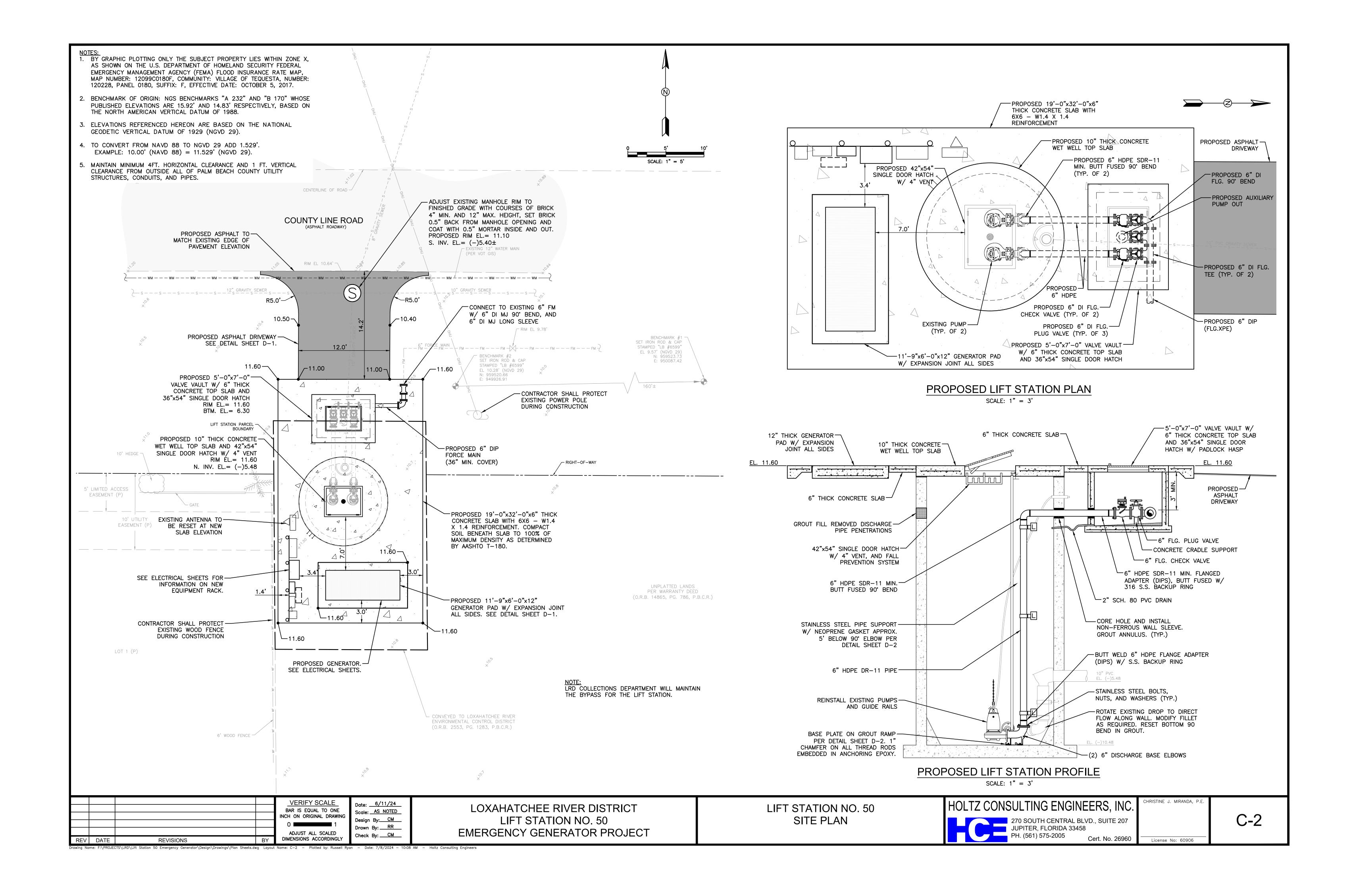
LOXAHATCHEE RIVER DISTRICT LIFT STATION NO. 50 **EMERGENCY GENERATOR PROJECT**

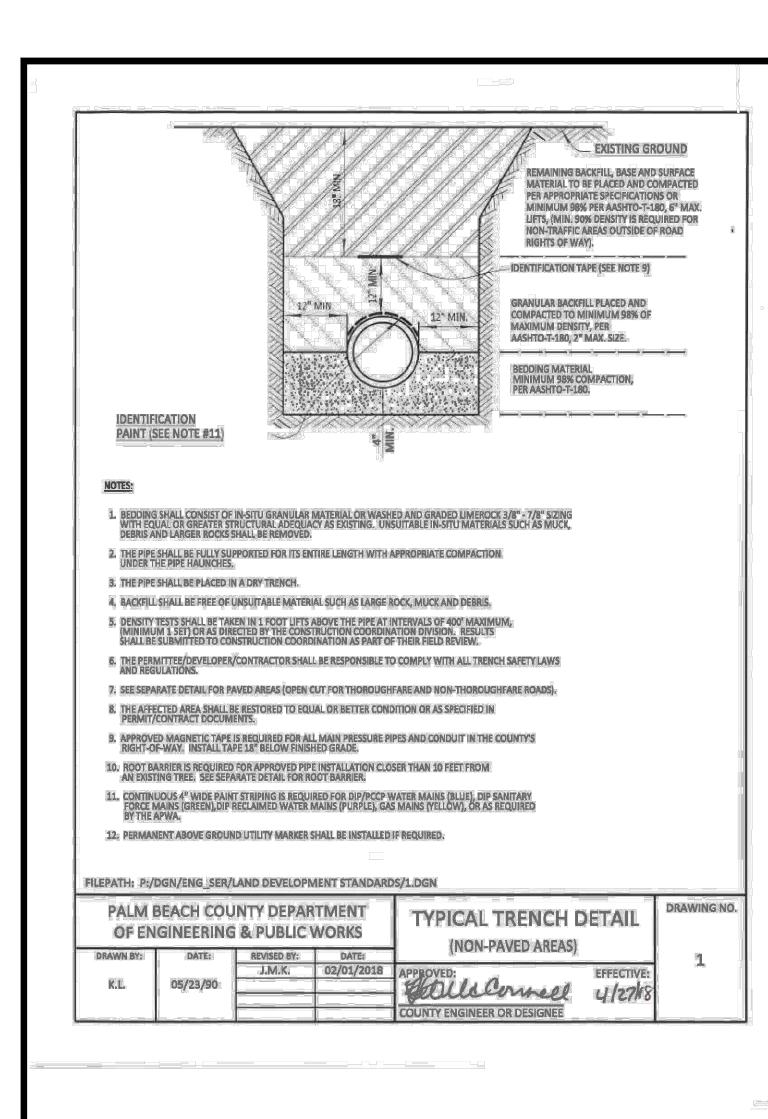
LEGEND

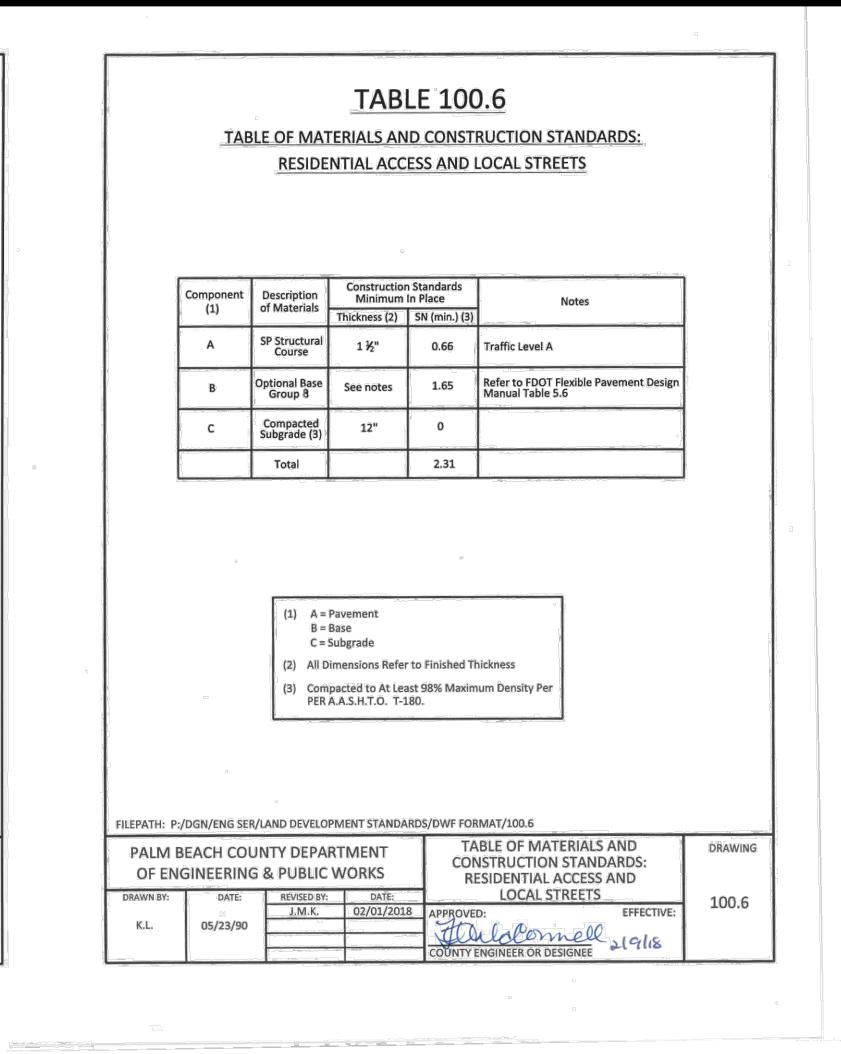


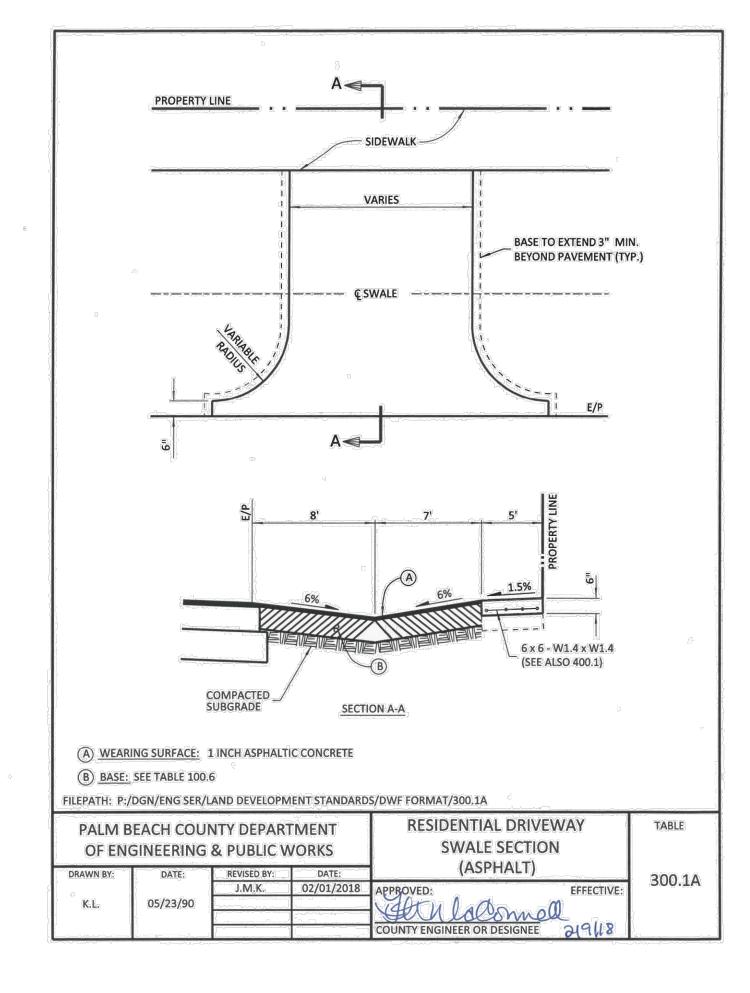
License No: 60906

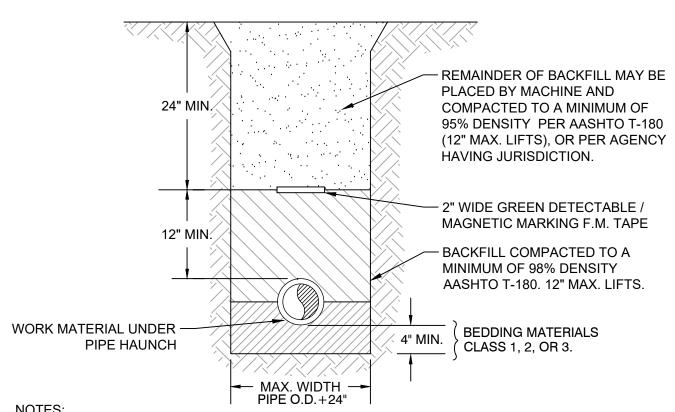












CLASS 1 MATERIAL - ANGULAR .25" TO .75" GRADED STONE SUCH AS CORAL, CRUSHED STONE, OR CRUSHED SHELLS OR BEDDING ROCK (100% PASSING 1" SIEVE).

CLASS 2 MATERIAL - COURSE SAND AND GRAVEL'S WITH MAXIMUM PARTICLE SIZE OF .25 INCH WITH SMALL PERCENTAGE OF FINES. COMPACT TO A MIN. 98% DENSITY PER AASHTO T-180.

CLASS 3 MATERIAL - FINE SAND AND CLAYEY GRAVEL'S, INCLUDING FINE SANDS, SAND-CLAY MIXTURES AND GRAVEL-CLAY MIXTURES. INCLUDED IN CLASS 3 ARE EXISTING SOIL TYPES CLASSIFIED AS SELECT BACKFILL. COMPACT TO A MIN. 98% DENSITY PER AASHTO T-180.

- 1. IF CLASS 1 MATERIAL IS USED FOR BEDDING, IT MUST BE USED FOR THE ENTIRE EMBEDMENT. A DRY TRENCH SHALL BE MAINTAINED WHEN USING CLASS 2 AND
- CLASS 3 MATERIAL. 2. DENSITY TESTING IS REQUIRED IN 1 FOOT LIFTS ABOVE PIPELINE AT INTERVALS
- OF 400' MAXIMUM. 3. UNSUITABLE IN-SITU MATERIAL SUCH AS MUCK, DEBRIS AND LARGER ROCKS
- SHALL BE REMOVED.
- 4. THE AFFECTED AREA SHALL BE RESTORED TO EQUAL OR BETTER CONDITION OR AS SPECIFIED IN PERMIT / CONTRACT DOCUMENTS.

TYPICAL TRENCH DETAIL

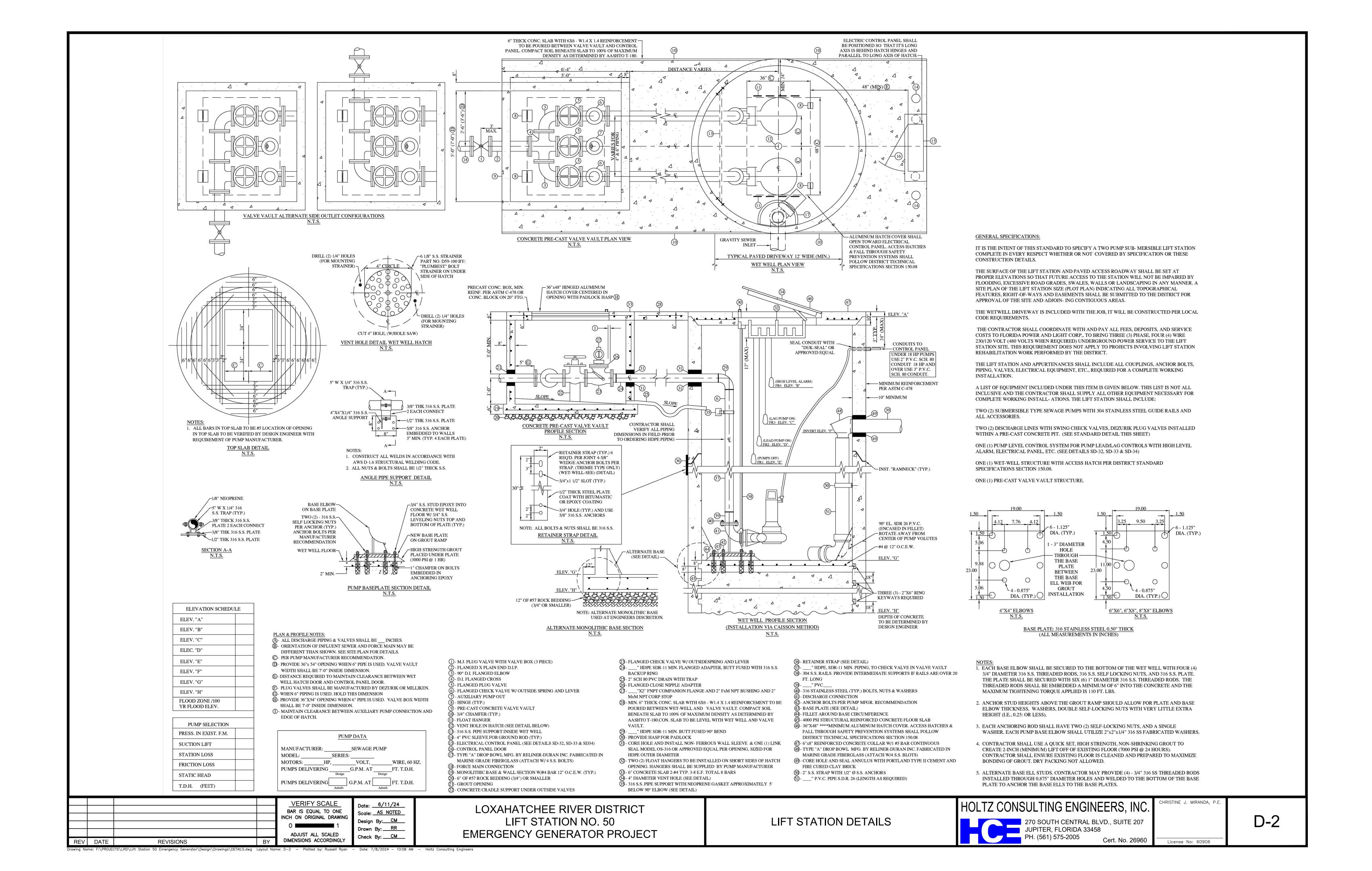
NOT TO SCALE

				VERIFY SCALE
				BAR IS EQUAL TO ONE
				INCH ON ORIGINAL DRAWING
				0 1
				ADJUST ALL SCALED
REV	DATE	REVISIONS	BY	DIMENSIONS ACCORDINGLY

Date: <u>6/11/24</u> Scale: <u>AS NOTED</u> Design By: CM Drawn By: RR Check By: CM

LOXAHATCHEE RIVER DISTRICT LIFT STATION NO. 50 **EMERGENCY GENERATOR PROJECT**





GENERAL ELECTRICAL NOTES

1. <u>Schematic nature</u>
Plan views are schematic in nature and meant to show the SCHEMATIC ARRANGEMENT OF EQUIPMENT AND CONDUIT.

2. <u>APPROVED SHOP DRAWINGS</u>

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.

3. <u>CLEARANCES</u>

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

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

5. <u>FIELD VERIFICATIONS</u>

FIELD VERIFY ALL EXISTING CONDITIONS. MAKE MINOR ADJUSTMENTS AS NEEDED. INFORM OWNER/ENGINEER OF INCONSISTENCIES IMMEDIATELY IF PROBLEMS OR CONFLICTS EXIST.

6. COMPLETE AND FUNCTIONAL SYSTEMS PROVIDE ALL LABOR AND MATERIAL FOR A COMPLETE AND FUNCTIONAL

SYSTEM. DEMONSTRATE SYSTEM OPERATION TO THE OWNER/ENGINEER.

7. <u>LABELING</u>
THE CONTRACTOR SHALL PROVIDE LAMCOID PRINTED LABELS FOR ALL EQUIPMENT AND TYPED PANELBOARD SCHEDULES AS REQUIRED.

8. CONTRACTOR MINIMUM REQUIREMENTS

PROVIDE AND INSTALL A COMPLETE ELECTRICAL SYSTEM AS INDICATED ON THE DRAWINGS. ITEMS NOT SHOWN BUT OBVIOUSLY NECESSARY FOR A COMPLETE SYSTEM SHALL BE INCLUDED.

THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, INSPECTIONS AND APPROVALS.

ALL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE, NFPA, AND THE LOCAL BUILDING CODES. ALL COMPONENTS SHALL BE U.L. APPROVED.

CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL CONCEALED FACILITIES BEFORE ANY WORK BEGINS.

9. SCOPE OF WORK

- C. INSTALL NEW EQUIPMENT AND REUSE EXIST. EQUIPMENT.
- D. INSTALL OWNER PURCHASED GENERATOR, LOAD BANK/STARTUP

A. COORDINATE NEW ELECTRICAL EQUIPMENT. B. DEMO EXISTING EQUIPMENT.

GENERATOR E. RESTORE AREAS TO ORIGINAL CONDITION.

10. <u>CONDUIT</u>
CONDUIT SIZES AS SHOWN ON THE DRAWINGS ARE MINIMUM. THE CONTRACTOR MAY INCREASE AS REQUIRED FOR EASE OF PULLING. ALL UNDERGROUND CONDUITS SHALL BE INSTALLED 24" BELOW FINAL GRADE.

11. <u>JUNCTION BOXES</u> PROVIDE ADDITIONAL BOXES AS MAY BE REQUIRED.

SEE THE SPECIFICATIONS.

PROVIDE GROUND SYSTEM AS INDICATED ON THE DRAWINGS AND AS REQUIRED BY THE NATIONAL ELECTRIC CODE.

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

15. <u>RESPONSIBILITIES</u>

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

16. HOME RUNS 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.

17. <u>SEPARATION</u>

MAINTAIN MIN. 12" SEPARATION BETWEEN 4-20MADC SIGNAL AND OTHER

18. RESTORATION CONTRACTOR SHALL RESTORE TO ORIGINAL CONDITION ALL FACILITIES HE DISTURBS. CONTRACTOR SHALL PROVIDE CLEANUP, AND PROPER DISPOSAL, AND PAY ALL FEES FOR ALL DEMOLISHED MATERIALS AND THE LIKE.

CONTRACTOR SHALL WARRANT LABOR AND MATERIALS FOR A PERIOD OF ONE (1) YEAR FROM THE OWNER'S ACCEPTANCE OF THE COMPLETED

PROVIDE MATERIALS AND METHODS PER LOXAHATCHEE RIVER DISTRICT REQUIREMENTS AND THESE DRAWINGS AND SPECIFICATIONS.

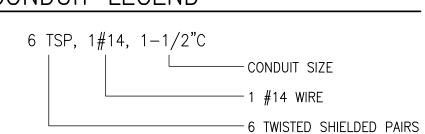
LRD IS PROVIDING BYPASS PUMPING EQUIPMENT, CONTRACTOR SHALL COORDINATE ALL WORK WITH LRD.

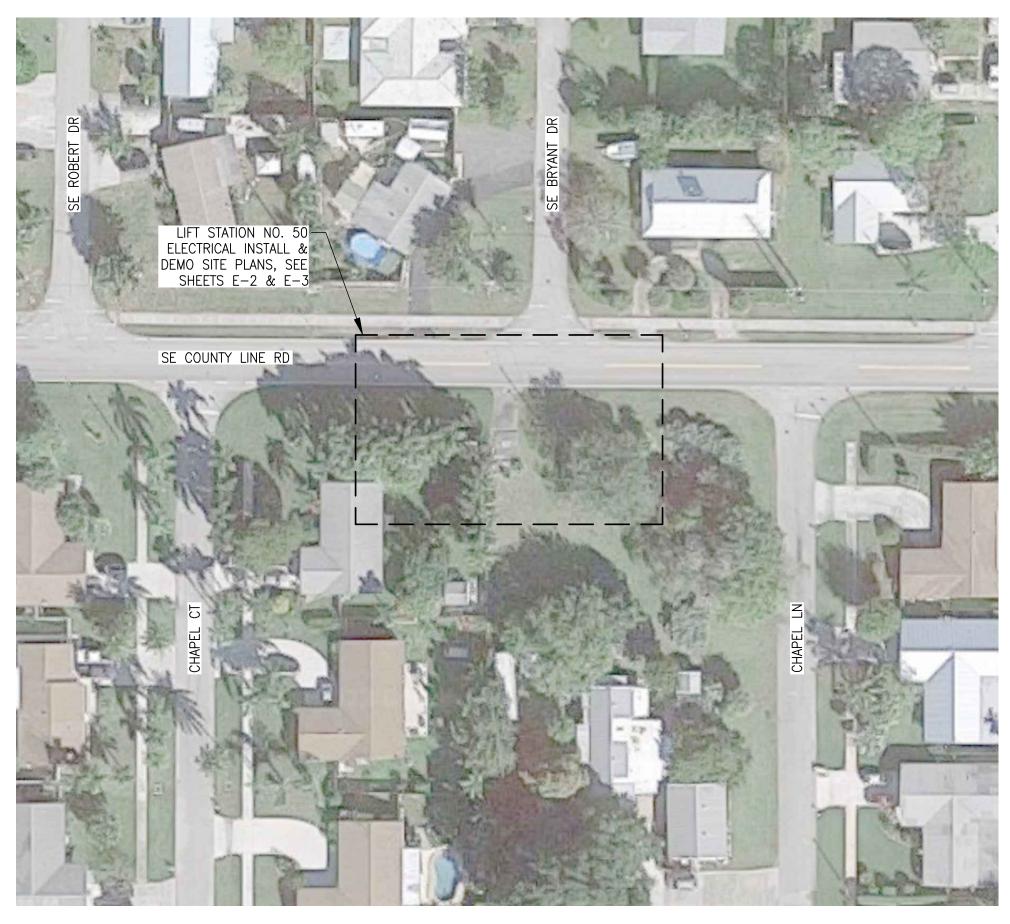
ELECTRICAL ABBREVIATIONS

CP	CONTROL PANEL	ОН	OVERHEAD
CM	COMPRESSOR	00X	OFF, OFF, ON
CR	CONTROL RELAY	PB	PUSH BUTTON
CP	CONTROL PANEL	PB	PULL BOX
DISC	DISCONNECT SWITCH	PDP	POWER DIST. PANEL
ETM	ELAPSED TIME METER	PM	POWER MONITOR
F	FUSE	PSCP	PUMP STATION CONTROL PANE
FSA	FIELD SURGE ARRESTOR	R,G,A	RED, GREEN, AMBER PILOT LI
GEN	GENERATOR	RTU	REMOTE TERMINAL UNIT
GFI	GROUND FAULT INTERRUPTER	SM	SUB-METER
HLA	HIGH LEVEL ALARM	SA	SURGE ARRESTER
HOA	HAND-OFF-AUTO	SB	SURGE BOX
HOR	HAND-OFF-REMOTE	SC	SURGE CAPACITOR
IPB	INST. PULL BOX	SCC	SHIELDED CONTROL CABLE
JP	JOCKEY PUMP	SS	SELECTOR SWITCH OR
LA	LIGHTNING ARRESTER		316 STAINLESS STEEL
LLA	LOW LEVEL ALARM	TB	TERM. BOX
LSCP	LIFT STATION CONTROL PANEL	TD	TIME DELAY
LRD	LOXAHATCHEE RIVER DISTRICT	TS	TEST SWITCH
М	MOTOR STARTER	WP	WEATHER PROOF
MCC	MOTOR CONTROL CENTER	XFMR	TRANSFORMER
MLO	MAIN LUGS ONLY	ZSC	POSITION SWITCH CLOSED
MP	MAIN PUMP	ZS0	POSTION SWITCH OPEN

CONDUIT LEGEND

OVER LOAD RELAY

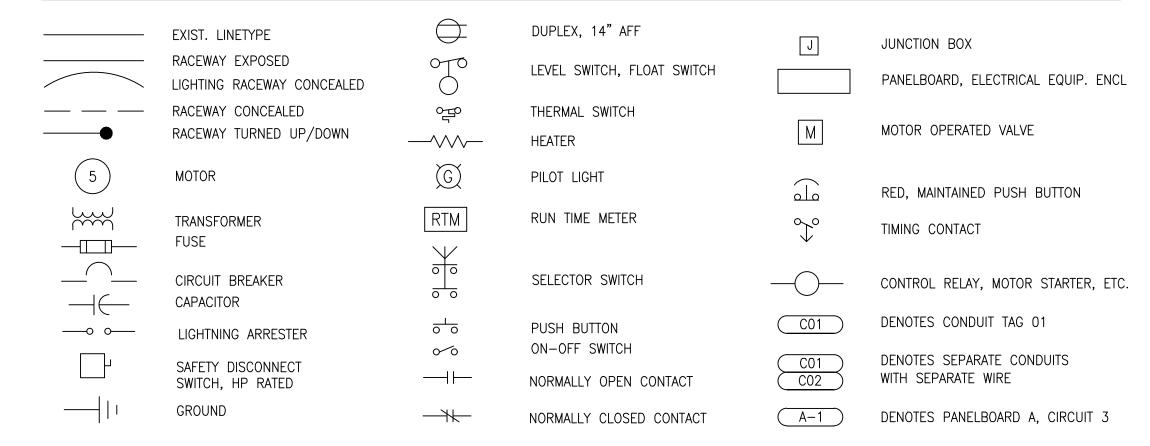




LIFT STATION NO. 50 AERIAL SITE PLAN

NTS

ELECTRICAL LEGEND



MATERIAL SCHEDULE

LOCATION	CONDUIT	ENCLOSURE MATERIALS	ENCLOSURE NEMA RATING	FASTENERS, STRUT, THREADED ROD, ETC.	REMARKS
EXTERIOR					
BELOW GRADE	PVC SCHED. 40	CONCRETE BOXES	N/A	316 SS	
ABOVE GRADE	PVC SCHED. 80	316 SS	4X	316 SS	
ABOVE GRADE (CP & TERM. JBOX) *	RGS & E/P SEAL OFF	316 SS	4X	316 SS	EYS E/P CONDUIT SEALS

* PROVIDE DUCT SEAL PUTTY AT ALL CONDUIT PENTRATIONS TO CONTROL PANEL AND RTU ENCL, ALSO TO CONDUITS ENTERING TERMINAL JBOX FROM WETWELL & VALVE VAULT EYS EXPLOSION PROOF RGS FITTING OR SEALING HUB WITH CHICO A/X FOR CONDUIT EXP. FITTING BETWEEN TERM. JBOX AND CONTROL PANEL.

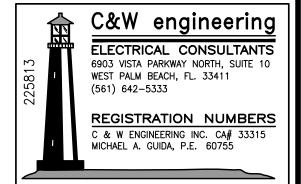
GENERAL NOTES

1. THE SCHEDULE SHALL ESTABLISH THE MINIMUM LEVEL OF QUALITY FOR MATERIALS. UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS

2. THE SCHEDULE SHALL NOT APPLY TO POWER TRANSFORMERS, LIGHT FIXTURES AND THE LIKE, THOSE ELEMENTS MAY BE NOTED OR INDICATED ELSEWHERE

EGEND	

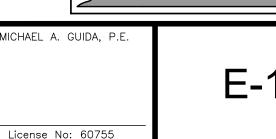
NOT APPLICABLE N/A 316 SS 316 STAINLESS STEEL EXPLOSION PROOF



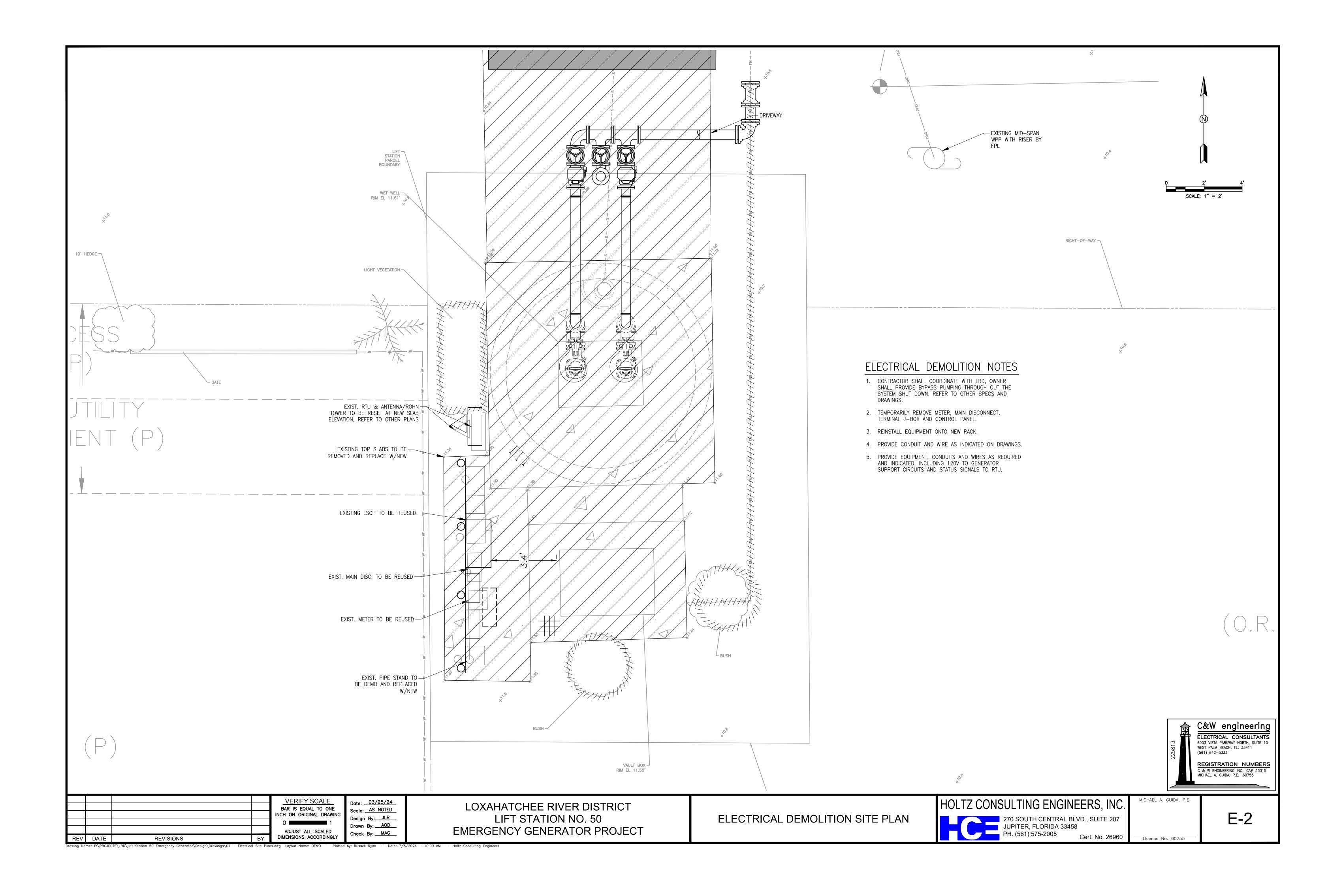
			VERIFY SCALE BAR IS EQUAL TO ONE INCH ON ORIGINAL DRAWING	Date: 03/25/24 Scale: AS NOTED Design By: JLR	LOXAHATCHEE RIVER DISTRICT
			01	Drawn By: AOD	LIFT STATION NO. 50
			ADJUST ALL SCALED	Check By: MAG	EMERGENCY GENERATOR PROJECT
DATE	REVISIONS	BY	DIMENSIONS ACCORDINGLY	Check by	

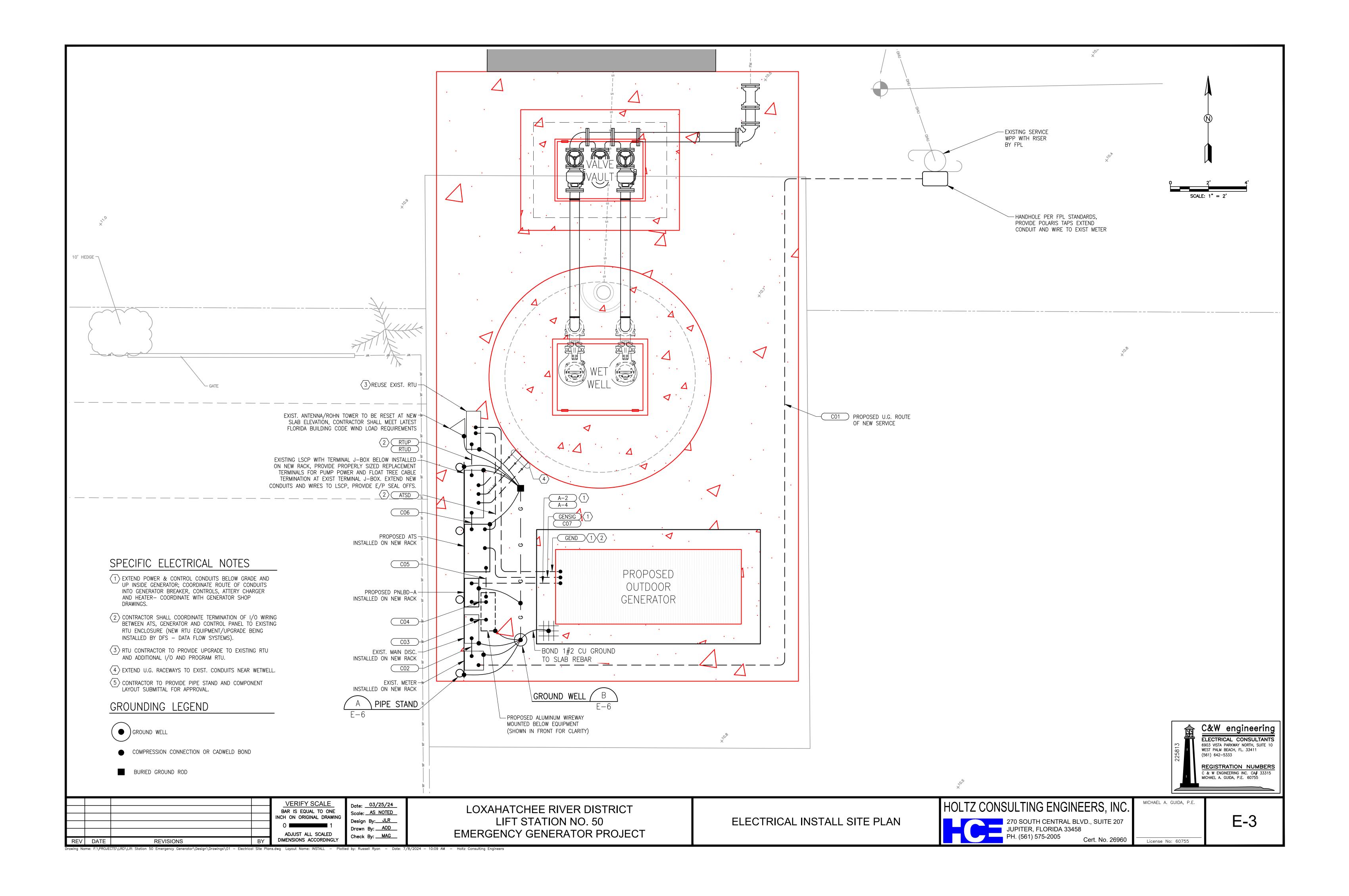
ELECTRICAL NOTES & LEGEND





REV





PANELBOARD A SCHEDULE

	WIRE	BUS AMPS		LOAD	DOLEC	ALADO	BUS	AMPS	PS POLES	LOAD	BUS	AMPS	WIRE	COND
	SIZE	Α	В	LOAD	POLES	AMPS	АВ	AMPS	POLES	LOAD	А	В	SIZE	SIZE
							1 + 2	20	1	GENSET BATT. CHGR	5		3#12	3/4
							3 + 4	20	1	JACKET HEATER		7	3#12	3/4
							5 + 6	20	1	SPARE				
				SPARE	1	20	7 + 8	20	1	SPARE				

RATED VOLTAGE: ■12	WIRE	BRANCH POLES: ■8 □12			APPROV	APPROVED MF'RS. CUTLER HAMMER, SQD ONLY			ONLY		
RATED AMPS: ■ 100	☐ 225 ☐ 400			CABINET:	SURFACE	☐ FLUSH	NEMA	1	3 R	☐ 4X	
☐ MAIN LUGS ONLY	MAIN 60 AMPS	BREAKER	☐ FUSED SWITCH	HINGED	DOOR		■ KE	YED DOOR	LATCH		
☐ FUSED ■ CIRC	CUIT BREAKER (BOLT-II	N) BRANCH DEV	ICES		TO I	BE GFI BREAKERS	FULL N	IEUTRAL BI	US	GROUND BUS	
ALL BREAKERS MUST BE	ALL BREAKERS MUST BE RATED TO INTERRUPT A SHORT CIRCUIT ISC OF 22 000 AMPS SYMMETRICAL										

SPECIFIC ELECTRICAL NOTES

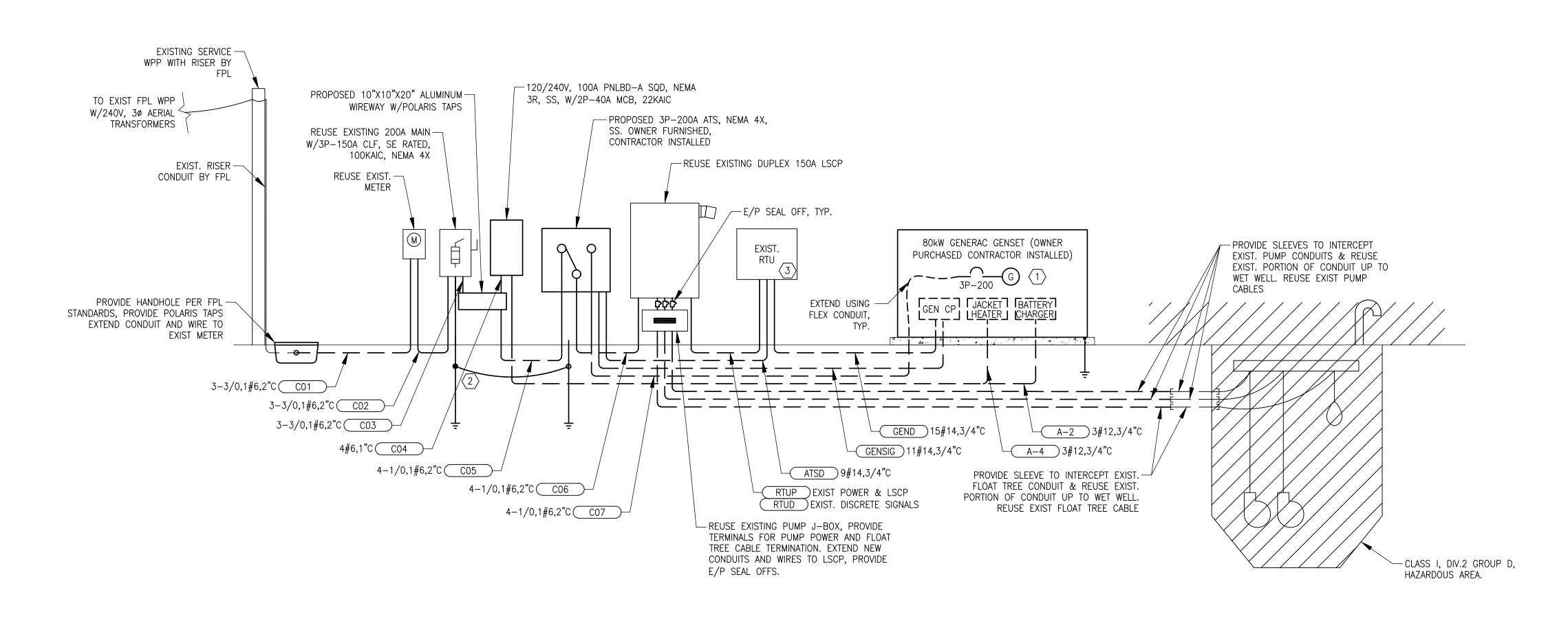
- 1 THE CONTRACTOR SHALL INSTALL OWNER FURNISHED GENERATOR W/OPTIONS BOARD AND DISCRETE WIRES AS REQUIRED TO MEET I/O. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH GENERATOR MANUFACTURER FOR
- $\langle 2 \rangle$ PROVIDE 1#4 CU, BOND TO GROUND ELECTRODE 5/8"X20'.
- CONTRACTOR SHALL PROVIDE I/O SIGNALS TO EXISTING RTU. RTU MODIFICATIONS AND PROGRAMING TO INCORPORATE GENERATOR AND ATS SIGNALS INTO EXISTING DFS TELEMETRY. ALL WORK ASSOCIATED WITH THE RTU IS TO BE PERFORMED BY: DATA FLOW SYSTEMS, INC. OF MELBOURNE, FL.

RTU HARDWIRED SIGNALS

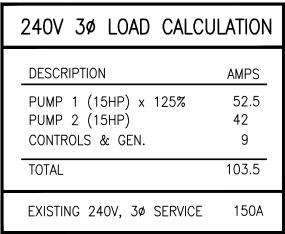
ATSD: ATS ON COMMERCIAL POWER ATS ON GENERATOR POWER

GEND: GENERATOR FAIL TO START GENERATOR GENERAL ALARM GENERATOR LOW FUEL GENERATOR LOW COOLANT

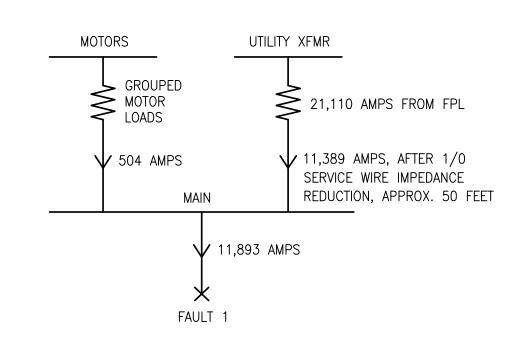
SEE SIGNALS ON E-5



LS NO. 50 240V 3Ø ELECTRICAL RISER DIAGRAM, CLASS 1, DIV. 2, GROUP D HAZARDOUS AREA



EXIST. 240V SERVICE IS LESS THAN 2% VOLTAGE DROP



FAULT 1 = GROUPED MOTOR + UTILITY

GROUPED MOTOR LOADS = $(2 @ 15HP) \times 6.0$

= (2 X 42A) X 6.0

= 504 AMPS OF MOTOR CONTRIBUTION

UTILITY = 11,389 AMPS

FAULT = 11,389 AMPS + 504 AMPS = 11,893 AMPS

FAULT CURRENT CALCULATION



BAR IS EQUAL TO ONE Scale: AS NOTED INCH ON ORIGINAL DRAWING Design By: JLR Drawn By: AOD ADJUST ALL SCALED Check By: MAG DIMENSIONS ACCORDINGLY REV DATE REVISIONS

LOXAHATCHEE RIVER DISTRICT LIFT STATION NO. 50 **EMERGENCY GENERATOR PROJECT**

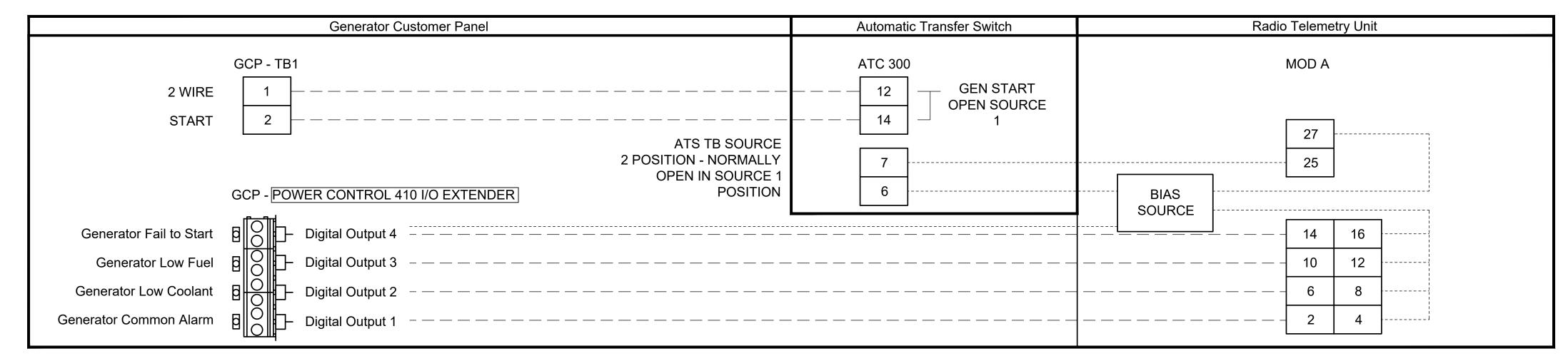
ELECTRICAL RISER DIAGRAM



MICHAEL A. GUIDA, P.E.

License No: 60755

E-4



Description	Input Terminal Number	Output Terminal Number	Input Signal	Output Signal	Notes	Location Drawing
Generator Start Signal	GCP-TB1-1	ATC 300 Output Relay - 13				
Generator Start Signal	GCP-TB1-2	ATC 300 Output Relay - 14				
Generator Fail to Start	DFS-MOD A-16 (bias)					
Generator i an to otart	DFS-MOD-A-14	Digital Output 4				
Generator Low Fuel	DFS-MOD A-12 (bias)					
Contrator Low 1 doi	DFS-MOD-A-10	Digital Output 3				
Generator Low Coolant	DFS-MOD-A-8 (bias)	Digital Output 1				
	DFS-MOD-A-6					
Generator Common Alarm	DFS-MOD-A-4 (bias)	Digital Output 1				
Contrator Common / Marin	DFS-MOD-A-2					
ATS Position	DFS-MOD-A-27 (bias)	ATS-TB-Source 2 Position-7				
	DFS-MOD-A-25	ATS-TB-Source 2 Position-6				

ŵ	C&W engineering
225813	ELECTRICAL CONSULTANTS 6903 VISTA PARKWAY NORTH, SUITE 10 WEST PALM BEACH, FL. 33411 (561) 642-5333
	REGISTRATION NUMBERS C & W ENGINEERING INC. CA# 33315 MICHAEL A. GUIDA, P.E. 60755

				VERIFY SCALE	
				BAR IS EQUAL TO ONE	
				INCH ON ORIGINAL DRAWING	
				01	
				ADJUST ALL SCALED	.
RFV	DATE	REVISIONS	RY	DIMENSIONS ACCORDINGLY	

LOXAHATCHEE RIVER DISTRICT LIFT STATION NO. 50 EMERGENCY GENERATOR PROJECT GENERATOR ATS LOOP CHECK DETAIL

HOLTZ CONSULTING ENGINEERS, INC.

270 SOUTH CENTRAL BLVD., SUITE 207
JUPITER, FLORIDA 33458
PH. (561) 575-2005
Cort. No. 26060

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E-5

