

APPENDIX A - TECHNICAL SPECIFICATIONS
ITN 024-19 PURCHASE AND INSTALLATION OF REPLACEMENT GENERATORS

SCOPE OF WORK

JEA is soliciting Bids from contractors for the supply and installation of forty nine (49) generators (the "Work"). JEA will award up to (3) Contracts with pre-qualified companies only. The following local dealers pre-qualified companies as follows:

- Ring Power Corporation
- Cummins Power South, LLC
- Zabatt Inc.

The Bidder will provide firm fixed pricing on a per unit (generator) basis, for installations and start-ups to be completed by August 15, 2019, based on JEA providing a notice to proceed on January 7, 2019. The items priced will have liquidated damages for failure of timely completion, per the Liquidated Damages clause provided in Section 2.5.2.

The various locations where the Work will be performed is provided in the Bid Workbooks attached hereto as Appendix B. The two (2) Bid Workbooks are entitled, "Bid Workbook Replacement" and "Bid Workbook Resiliency" which described the various generators needed throughout JEA's service territory (Duval, St. John's, Nassau counties).

The contractor shall furnish equipment, install, and test a complete, self-contained, automatic standby emergency generator system as specified herein and according to established JEA Standards (https://www.jea.com/Engineering_and_Construction/Facilities/ https://www.jea.com/Engineering_and_Construction/Water_and_Wastewater_Standards/). The Work shall be conducted in accordance with established JEA standards as a design-build.

The contractors shall submit engineered drawings to JEA for approval as part of the submittal process. The self-contained emergency electric system shall consist of an electric generating unit, which upon interruption of normal power from transformer, will start automatically and, by an automatic transfer switch, will disconnect load from normal supply and connect load to emergency generator. Diesel engine driven electric generator set shall be of the latest commercial type and design with all necessary switchgear, and controls. The contractor shall furnish fuel tank, sound attenuated aluminum generator set enclosure, and all accessories necessary for a complete and operable installation. All materials shall be new unless specifically called for otherwise. JEA may take action to perform work in house and, thereby, reduce contractor workload. These specifications are not intended to supersede Federal, State, or local regulations to which the Contractor must comply.

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PART 1 GENERAL

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APPENDIX A - TECHNICAL SPECIFICATIONS
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PART 1 GENERAL

1.1 DEFINITIONS

CERTIFIED GENERAL CONTRACTOR	As issued by the State of Florida (FAC 489.111).
FLORIDA BUILDING CODE	Most recently published version (6 th Edition or later).
JEA STANDARDS	JEA Standards are identified on JEA's public website (www.JEA.com).

1.2 SUBMITTALS

Contractor shall deliver the following submittal items in a timely manner to the JEA Contract Administrator for approval.

SUBMITTAL 01 – JEA SAFETY QUALIFICATION

The Contractor shall submit applicable safety documents and receive approval from the JEA Contract Administrator prior to the start of work.

SUBMITTAL 02 – SITE DIAGRAMS

Submittal shall be sent by the Contractor to the JEA Contract Administrator as soon as possible for approval prior to start of construction. Site diagrams shall include the generator set, complete power and control wiring diagrams, foundation requirements, auxiliary equipment required including tanks, switches, controls, weatherproof enclosure, automatic transfer switch, generator breaker, wiring and accessories. JEA will review and return all submittals within two (2) weeks of receipt. **GENERATOR DESIGN IS BASED ON ALL PUMPS RUNNING AT FULL LOAD.**

SUBMITTAL 03 – MANUFACTURER PRODUCT INFORMATION

Submittal shall be sent by the Contractor to the JEA Contract Administrator as soon as possible for approval prior to start of construction. Submittal shall include manufacturer's product data describing unit, auxiliary equipment required, including switches, engine, pump and motor shall be included. JEA will review and return all submittals within two (2) weeks of receipt.

SUBMITTAL 04 - INVOICING DOCUMENTS

Following the completion of work, the Contractor shall submit invoicing documents in accordance with all applicable sections of this technical specification.

1.3 QUALIFICATIONS

- 1.3.1 Contractor shall possess licensing and experience to perform the scope of work and tasks at hand.
- 1.3.2 Contractor shall meet all minimum qualifications as identified in JEA solicitation documents.
- 1.3.3 Contractor must obtain permission of JEA Contract Administrator prior to subcontracting of work.

1.4 QUALITY ASSURANCE

- 1.4.1 Contractor shall ensure that all work is to JEA standards. It is the contractor's responsibility to review JEA standards for applicable work. Contractor shall be aware of all JEA Standards that apply to the tasks executed by the Contractor. Standards are available to the public on JEA's website, www.JEA.com.
- 1.4.2 On all installations and repairs, the Contractor shall confirm that the installation and/or repairs comply with accepted practice as specified in the most update versions of the Florida Building Code. The Contractor shall apply all applicable ASTM standards.
- 1.4.3 Work that does not conform to expected levels of craftsmanship or the specifications shall be redone at Contractor's expense.
- 1.4.4 The Contractor shall be in possession of a valid General Contractor Certification. Any worker employed by the Contractor, who exhibits inadequate experience and knowledge or is incapable in his/her field, shall be removed from the work site at the discretion of the JEA Contract Administrator.

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ITN 024-19 PURCHASE AND INSTALLATION OF REPLACEMENT GENERATORS

- 1.4.5 JEA reserves the right to add/delete quantities, as required. Pricing for added quantities will be set at the current bid price. JEA may take action to perform work in house and, thereby, reduce contractor workload.
- 1.4.6 The Contractor shall submit invoicing documents annotated on the contractor's letterhead. The invoice (containing company name and address) shall include JEA purchase order and work order numbers. The Contractor shall include the following information on the invoice: date, location, description of service provided, amount payable, and JSEB forms (if applicable). JEA will not provide payment for deficient invoices that do not contain required information.
- 1.4.7 Contractor's invoiced pricing must agree with the contract bid pricing established in the agreement between the Contractor and JEA.
- 1.4.8 The administrative cost, profit, travel time, and other indirect contractor costs will not be permitted as separate billable costs. These costs must be included in the bid price provided by the Contractor in the bid workbook.
- 1.4.9 JEA Contract Administrators will evaluate vendor performance through a Vendor Performance Scorecard. In the event of a deficiency, JEA will coordinate mandatory vendor conference and take any other steps required to resolve the performance deficiency. The scorecard is attached as Appendix C – Facilities Vendor Scorecard
- 1.4.10 Contractors shall work in accordance with the JEA Hot Works Permit Program. JEA Security requires at least two (2) days notice for putting fire and sprinkler systems into test, and the JEA Contract Administrator shall be notified prior to initiating.

1.5 DELIVERY, STORAGE, AND HANDLING

- 1.5.1 The Contractor must dispose of all waste generated as a result of the contract at an officially permitted location. Any fees and/or charges associated with this disposal should be included in bid price of work. JEA will not pay additional charges/fees for waste disposal.
- 1.5.2 The Contractor shall prevent access by the public to materials, tools, and equipment during the course of the work.

1.6 SAFETY

- 1.6.1 The Contractor shall become JEA Safety Qualified prior to beginning actual work at JEA. All employees of the Contractor, including Project Managers, who perform work on JEA property, shall be JEA Safety Qualified. Supervisors may be required to have additional training. Site specific training may be required to work at certain job sites (i.e: substations). Contractor is responsible for ensuring ALL personnel have received the appropriate training prior to beginning work.
- 1.6.2 The Contractor shall familiarize all workers with all fire and safety regulations recommended by OSHA and other industry or local governmental groups at the Federal, State, and local levels.
- 1.6.3 Contractor shall maintain a safe work environment at all times.
- 1.6.4 The Contractor shall furnish JEA with material safety data sheets on all chemical products utilized.
- 1.6.5 The Contractor shall also adhere to current JEA Safety and Training regulations at all times.
- 1.6.6 Contract workers are required to wear proper Personal Protective Equipment (PPE). PPE minimums include safety footwear with steel toes, hard hat and safety glasses. Hearing protection is required while operating machinery or equipment (including saws). Ripped jeans, shorts, tennis shoes, sleeveless shirts, and shirts with offensive logos or messages are not permitted.
- 1.6.7 The Contractor shall keep the work area free from accumulation of waste materials or rubbish.
- 1.6.8 The nature of work (cutting, sanding and general work) to be performed may produce heat, smoke, steam, dust or vapors, which may result in the activation of an alarm. To avoid Contractor caused alarms, the Contractor shall notify the JEA Contract Administrator, whom will issue a hot work permit (permit valid for one (1) day only) before any procedure. After such procedures are concluded, Contractor shall notify the JEA Contract Administrator who will inspect, and re-arm the alarm system.
- 1.6.9 The Contractor shall exercise extreme care when working around energized lines or equipment to prevent accidents and interrupting service. If any such incident should result, the JEA Contract Administrator shall be immediately notified of the location of such incident.

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- 1.6.10 If the Contractor's negligence results in a release of a Clean Agent (i.e. FM 200), the Contractor shall be responsible for all costs incurred to refill and restore the fire suppression system.

1.7 SECURITY

- 1.7.1 A JEA issued security badge shall be visible at all times while on JEA property.
- 1.7.2 JEA issued security badges will become deactivated after 90 days of non-activity. It is the Contractor's responsibility to ensure all employees have active badges prior to commencement of work.
- 1.7.3 Contractors shall check in and check out with JEA Security and the JEA Contract Administrator daily.
- 1.7.4 When available, Contractor shall wear uniforms/t-shirts displaying company logo whenever working for JEA.
- 1.7.5 The Contractor shall ensure subcontracted employees obtain background checks, training, and active badge status prior to the start of work.
- 1.7.6 Drawings, sketches, plans, and other items detailing JEA Facilities are to be considered sensitive items. Contractor shall not release associated documents to any 3rd party without the prior consent of JEA.

1.8 ENVIRONMENTAL REQUIREMENTS

- 1.8.1 The Contractor shall conform to environmental regulations of public agencies, including local, state and Federal jurisdiction.
- 1.8.2 Contractor shall be accountable for timely clean-up and remediation associated with any contaminant spills, accidental or otherwise, including, but not limited to diesel fuel, gasoline, lubricants, and cleaning fluids, etc.

PART 2 PARTS AND PRODUCTS

2.1 APPROVAL

- 2.1.1 Contractor shall utilize materials as designated in JEA Standards and the accompanying JEA-provided engineering drawings.
- 2.1.2 Where no material is specified, Contractor shall prepare submittal for the JEA Contract Administrator prior to purchasing or installing materials.
- 2.1.3 The Contractor shall submit manufacturer's product data describing unit, auxiliary equipment required, including switches, engine, pump and motor shall be included. JEA Contract Administrator will review and return all submittals within two (2) weeks of receipt.

PART 3 EXECUTION

3.1 GENERAL CONSTRUCTION REQUIREMENTS

- 3.1.1 Contractor shall provide all labor, tools and equipment needed for the scope of work. Unsafe tools and equipment are never permitted on JEA sites. Hand tools shall be secured with lanyard or safety device to prevent tools from falling off of swing scaffolding.
- 3.1.2 The Contractor shall obtain all permits required by local agencies and pay all fees which may be required for the performance of the work and removal/disposal of hazardous materials. Bid prices should include this cost.
- 3.1.3 Contractor shall verify existing conditions and dimensions prior to starting work. Any discrepancies must be brought to the attention of the JEA Contract Administrator. It is the Contractor's responsibility to remove and/or provide additional items as required to comply with the contract documents.
- 3.1.4 Construction schedules are to be provided by the Contractor and agreed to by all parties before work proceeds. Changes in the schedule shall be coordinated through the JEA Contract Administrator.
- 3.1.5 Contractor shall provide any and all dust curtains, temporary partitions, walk-off mats or any other barricade or process necessary to keep site clean.

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- 3.1.6 Job sites are to be kept clean at all times. Contractor shall supply necessary cleaning products. In office environments, site shall be vacuumed at the end of work each day and at the end of the job. In field environments, areas shall be kept broom-clean.
- 3.1.7 All work shall meet or exceed applicable building codes.
- 3.1.8 All doors, lids, and gates shall be locked and secured at all times when unattended.
- 3.1.9 Parking is the responsibility of the Contractor, however, requests may be made to the Contract Administrator to park on JEA property, and shall be granted/denied at the sole discretion of the Contract Administrator.

3.2 PREPARATORY WORK

- 3.2.1 Prior to the start of work, the Contractor shall submit site diagrams to the JEA Contract Administrator as soon as possible for approval prior to start of construction. Site diagrams shall include the generator set, complete power and control wiring diagrams, foundation requirements, auxiliary equipment required including tanks, switches, controls, weatherproof enclosure, automatic transfer switch, generator breaker, wiring and accessories. JEA will review and return all submittals within two (2) weeks of receipt.
GENERATOR DESIGN IS BASED ON ALL PUMPS RUNNING AT FULL LOAD.
- 3.2.2 Contractor must receive verbal and/or written agreement from JEA Contract Administrator prior to commencement of construction activities.
- 3.2.3 Contractor must attend all pre construction meetings prior to the commencement of work.
- 3.2.4 Power and Water are NOT to be turned off at any time, except emergencies, without prior notification and approval by the Project Administrator. Any work interfering with building occupants' use of space must be coordinated in advance.
- 3.2.5 Loading, unloading, material delivery, and contractor site access points will be determined by the Project Administrator. Use of other areas is prohibited.
- 3.2.6 Contractors are responsible for furnishing sanitary items (temporary toilets, hand-washing stations, clean drinking water, etc.) for their work force. JEA makes no guarantees that access to existing bathrooms will be granted.

3.3 PROJECT EXECUTION

- 3.3.1 Contractor shall provide JEA weekly progress reports outlining the following:
 - a. Work completed & work remaining
 - b. Delays due to weather and other causes (identify causes)
 - c. Plan to complete work by scheduled date
 - d. Weekly walk-through's as designated by the JEA Contract Administrator
- 3.3.2 Contractor shall conduct work in accordance with JEA standards, JEA-provided engineering drawings, and instructions of the JEA Contract Administrator.
- 3.3.3 The Contractor shall furnish equipment, install, and test a complete, self-contained, automatic standby emergency generator system as specified herein and according to established JEA Standards (https://www.jea.com/Engineering_and_Construction/Facilities/ https://www.jea.com/Engineering_and_Construction/Water_and_Wastewater_Standards/) as a design build. Contractor(s) shall submit Engineered Drawings to JEA for approval. The self-contained emergency electric system shall consist of an electric generating unit, which upon interruption of normal power from transformer, will start automatically and, by an automatic transfer switch, will disconnect load from normal supply and connect load to emergency generator. Diesel engine driven electric generator set shall be of the latest commercial type and design with all necessary switchgear, and controls. Contractor shall furnish fuel tank, sound attenuated aluminum generator set enclosure, and all accessories necessary for a complete and operable installation. All materials shall be new unless specifically called for otherwise.
- 3.3.4. Appendix B – Bid Workbook Replacement and Resiliency contains additional notes at the bottom regarding the following requirements:

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- All class 3 & 4 Site shall have a Bypass ATS
- ConVault Tanks can be used for standalone installations

APPENDIX B - BID FORM
024-19 PURCHASE AND INSTALLATION OF GENERATORS FOR JEA LIFT STATIONS

Submit an **original, two (2) copies and one (1) CD or thumb drive** along with other required forms in a sealed envelope to: JEA Procurement Dept., 21 W. Church St., Bid Office, Customer Center, 1st Floor, Room 002, Jacksonville, FL 32202-3139.

Company Name: _____

Company's Address _____

Phone Number: _____ FAX No: _____ Email Address: _____

BID SECURITY REQUIREMENTS

- ☐ None required
☒ Certified Check or Bond Five Percent (5%)

TERM OF CONTRACT

- ☒ One Time Purchase
☐ Annual Requirements
☐ Other, Specify- Project Completion

SAMPLE REQUIREMENTS

- ☒ None required
☐ Samples required prior to Bid Opening
☐ Samples may be required subsequent to Bid Opening

SECTION 255.05, FLORIDA STATUTES CONTRACT BOND

- ☐ None required
☒ Bond required 100% of Bid Award

QUANTITIES

- ☐ Quantities indicated are exacting
☒ Quantities indicated reflect the approximate quantities to be purchased Throughout the Contract period and are subject to fluctuation in accordance with actual requirements.

INSURANCE REQUIREMENTS

Insurance required

PAYMENT DISCOUNTS

- ☐ 1% 20, net 30
☐ 2% 10, net 30
☐ Other _____
☐ None Offered

Item No.	The Bid Workbook for this IFB for the following described services will contain the individual pricing units used for awarding this contract: 024-19 GENERATORS FOR JEA LIFT STATIONS
1	For the purpose of this IFB the BID PRICE will not be a lump sum. It will be awarded based on the low bid for the individual locations as bid in Appendix B- Bid Workbook Replacement and Resiliency.

☐ **I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".**

BIDDER'S CERTIFICATION

By submitting this Bid, the Bidder certifies that it has read and reviewed all of the documents pertaining to this Solicitation, that the person signing below is an authorized representative of the Bidder's Company, that the Company is legally authorized to do business in the State of Florida, and that the Company maintains in active status an appropriate contractor's license for the work (if applicable). The Bidder also certifies that it complies with all sections (including but not limited to Conflict Of Interest and Ethics) of this Solicitation, and that the Bidder is an authorized distributor or manufacturer of the equipment that meets the Technical Specifications stated herein.

We have received addenda _____

_____ through _____

Handwritten Signature of Authorized Officer of Company or Agent

Date

Printed Name and Title

APPENDIX B - LIST OF SUBCONTRACTORS FORM
024-19 Purchase and Installation of Replacement Generators

JEA Solicitation Number **024-19** requires certain major Subcontractors be listed on this form, unless the work will be self-performed by the Company.

The undersigned understands that failure to submit the required Subcontractor information on this form will result in bid rejection, and the Company agrees to employ the Subcontractors specified below: (Use additional sheets as necessary)

Note: This list of Subcontractors shall not be modified subsequent to bid opening, without a showing of good cause and the written consent of JEA.

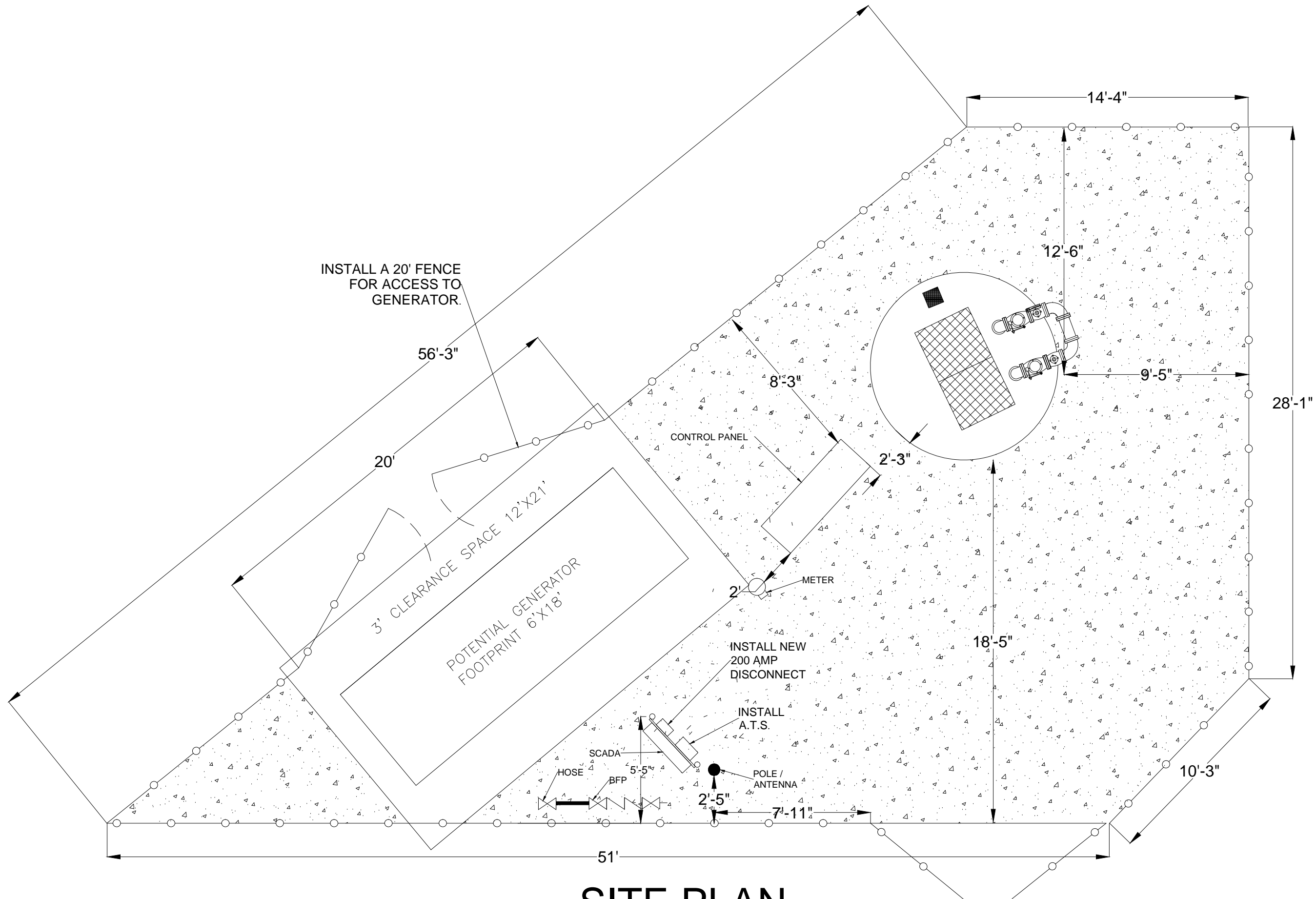
Type of Work	Corporate Name of Subcontractor	Subcontractor Primary Contact Person & Telephone Number	Subcontractor's License Number (if applicable)	Percentage of Work or Dollar Amount
Engineering Firm				
Construction Contract				
Electrical Contractor				

Signed: _____

Company: _____

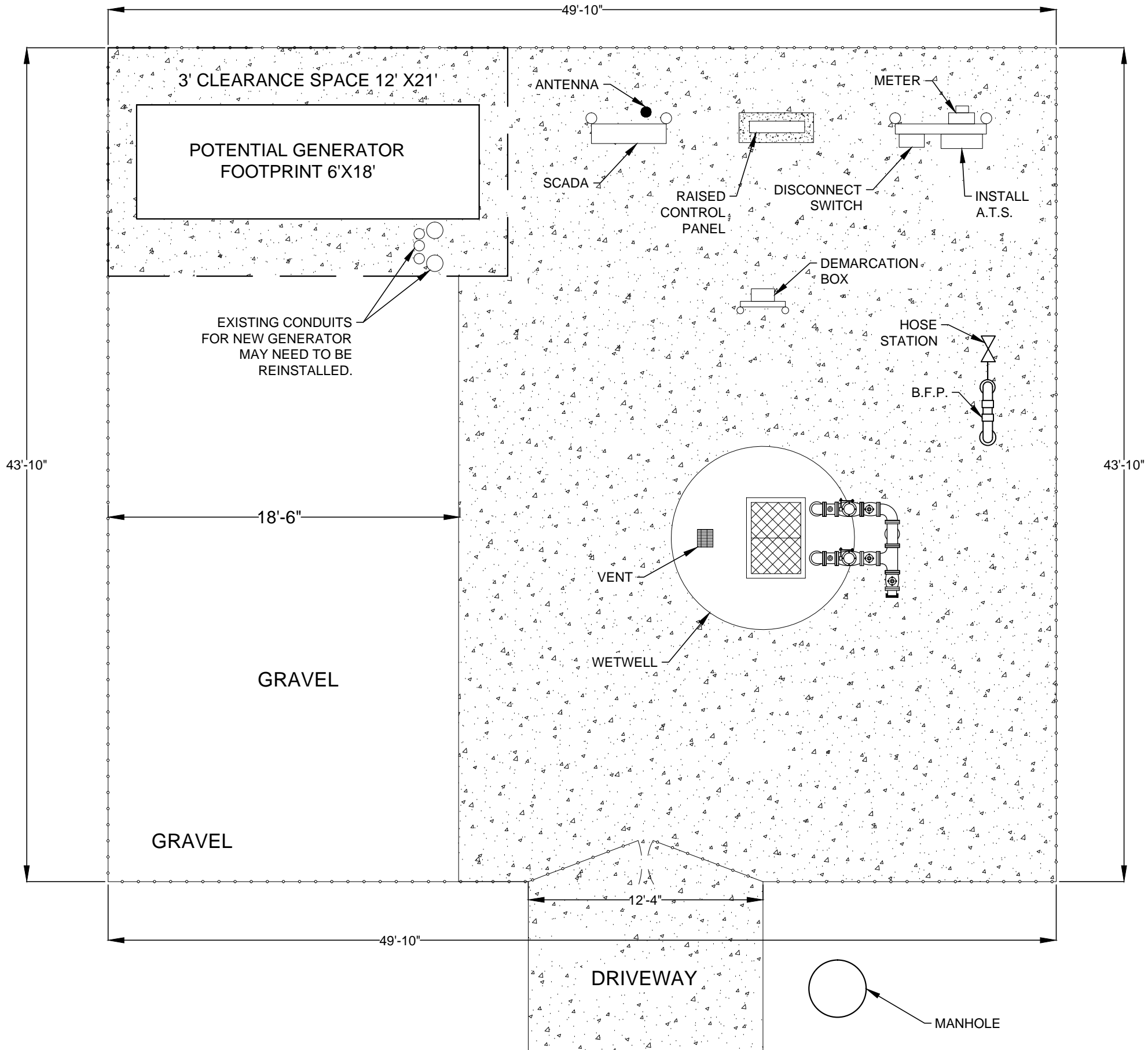
Address: _____

Date: _____



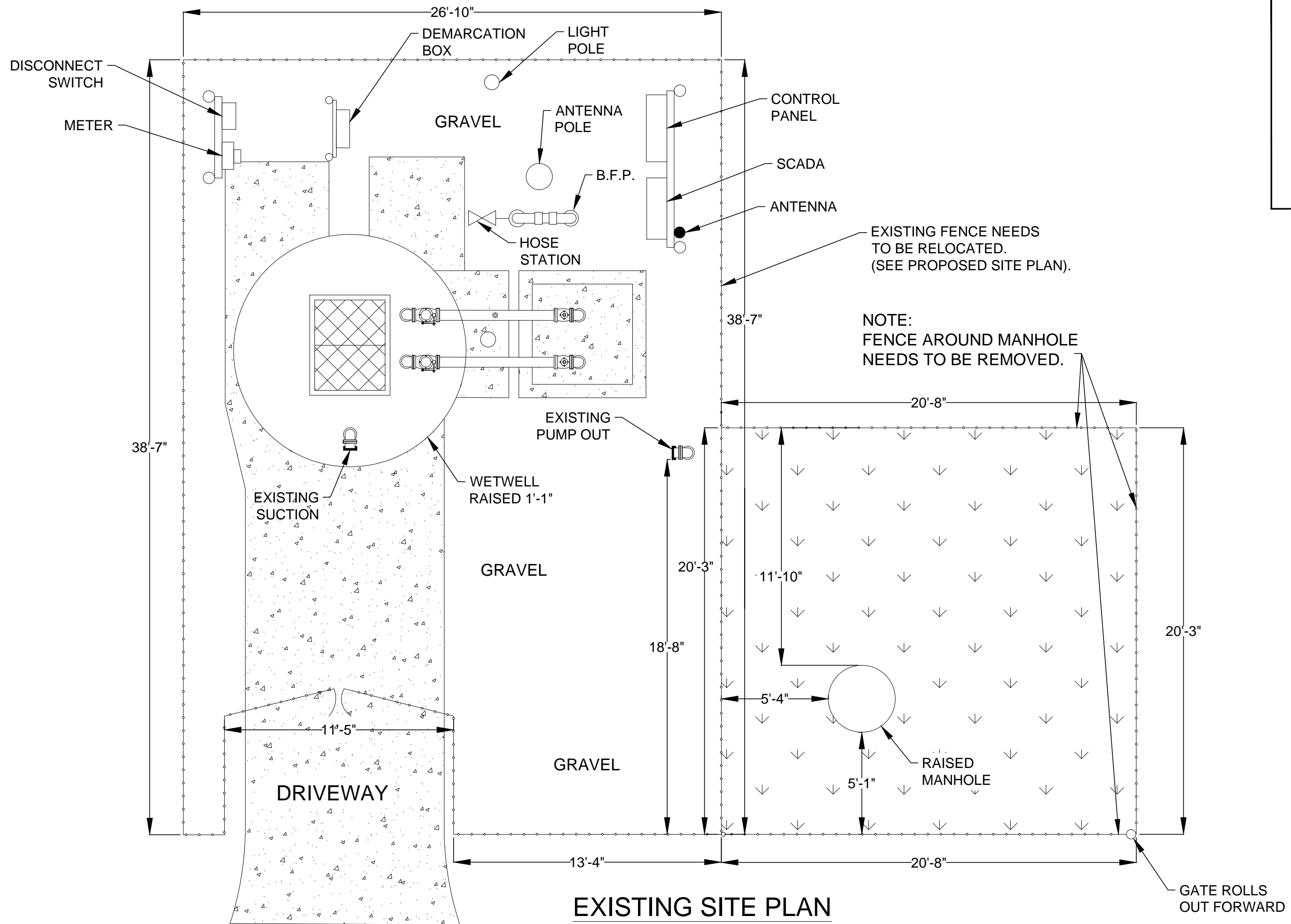
SITE PLAN

NO. SHEETS	PROJ. NO.	<p>LS-000432</p> <p>12668 BLUE EAGLE WY</p> <p>GENERATOR INSTALLATION</p>		<p>DESIGNER: JASON PARSONS</p> <p>DRAWN BY: JASON PARSONS</p> <p>DATE: 02/19/2018</p> <p>CHECKED BY: CHRIS REICHAHT</p> <p>DATE:</p>	<p>DESIGN ENGINEER</p> <p>FLORIDA REGISTRATION NO.</p>	NO.	BY	DATE	REVISIONS
SHEET NO.	DATE:					6.			
SCALE:	NTS					4.			
DRAWING NO.						3.			
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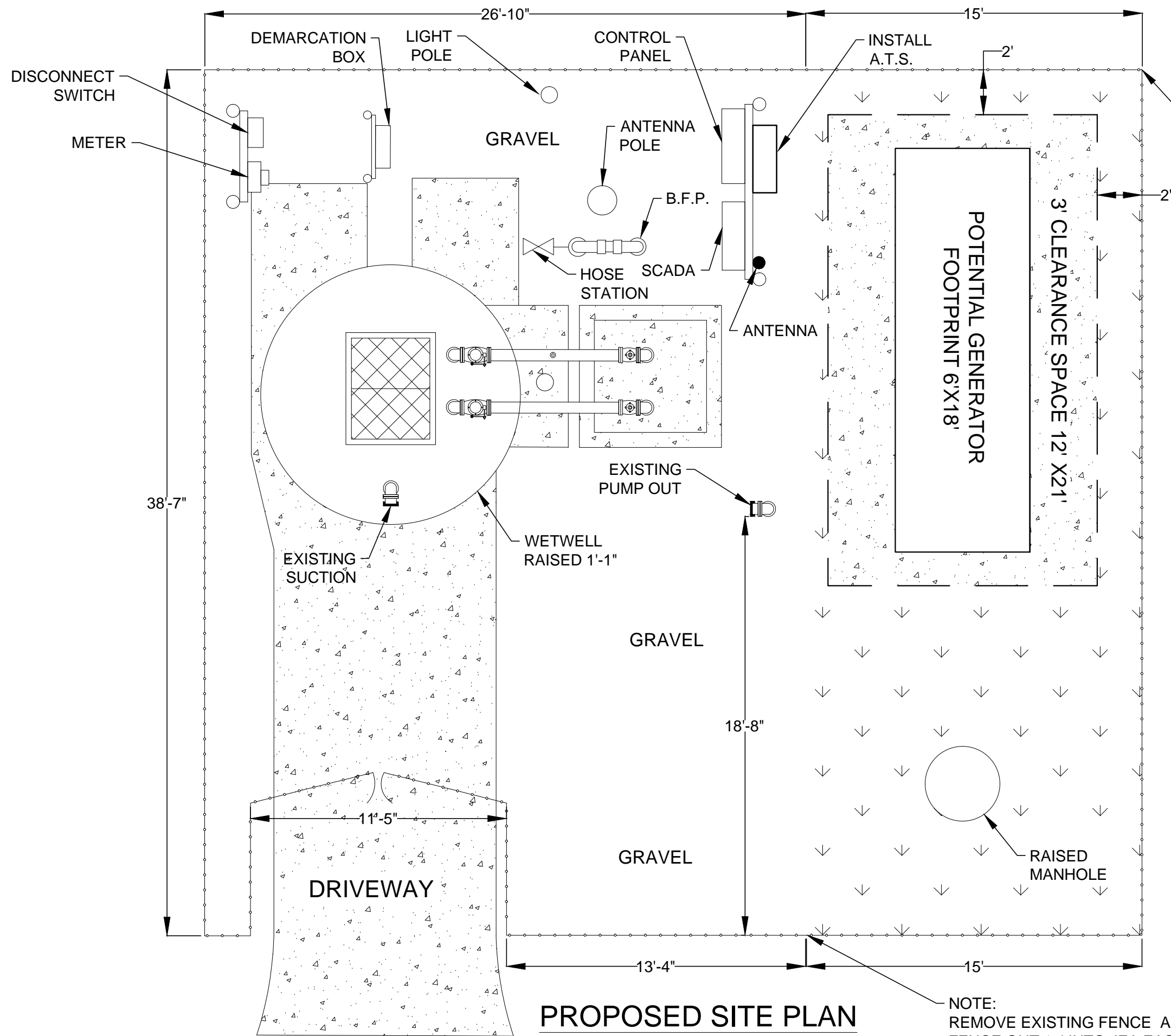


NO. SHEETS		PROJ. NO.		96289 HERON ISLES PKWY				DESIGN ENGINEER		NO.		BY		DATE		REVISIONS	
SHEET NO.		DATE:		YULEE, FLA. 32097													
DRAWING NO.		SCALE:		LS-001058													
DESIGNER: TARA STRATTON		DATE: MARCH 2018		CHECKED BY: CHRIS RECHART		FLORIDA REGISTRATION NO.		1		2		3		4			
DATE:		DATE:		DATE:		DATE:		DATE:		DATE:		DATE:		DATE:			





NO. SHEETS		PROJ. NO.		11300 ROLLING RIVER BLVD. JACKSONVILLE, FLA. 32219 LS-001909		DESIGN ENGINEER		NO.		BY		DATE		REVISIONS	
SHEET NO.		DATE:				DESIGNER: DRAWN BY: TARA STRATTON		6.							
DRAWING NO.		SCALE:				DATE: APRIL 3, 2018		7.							
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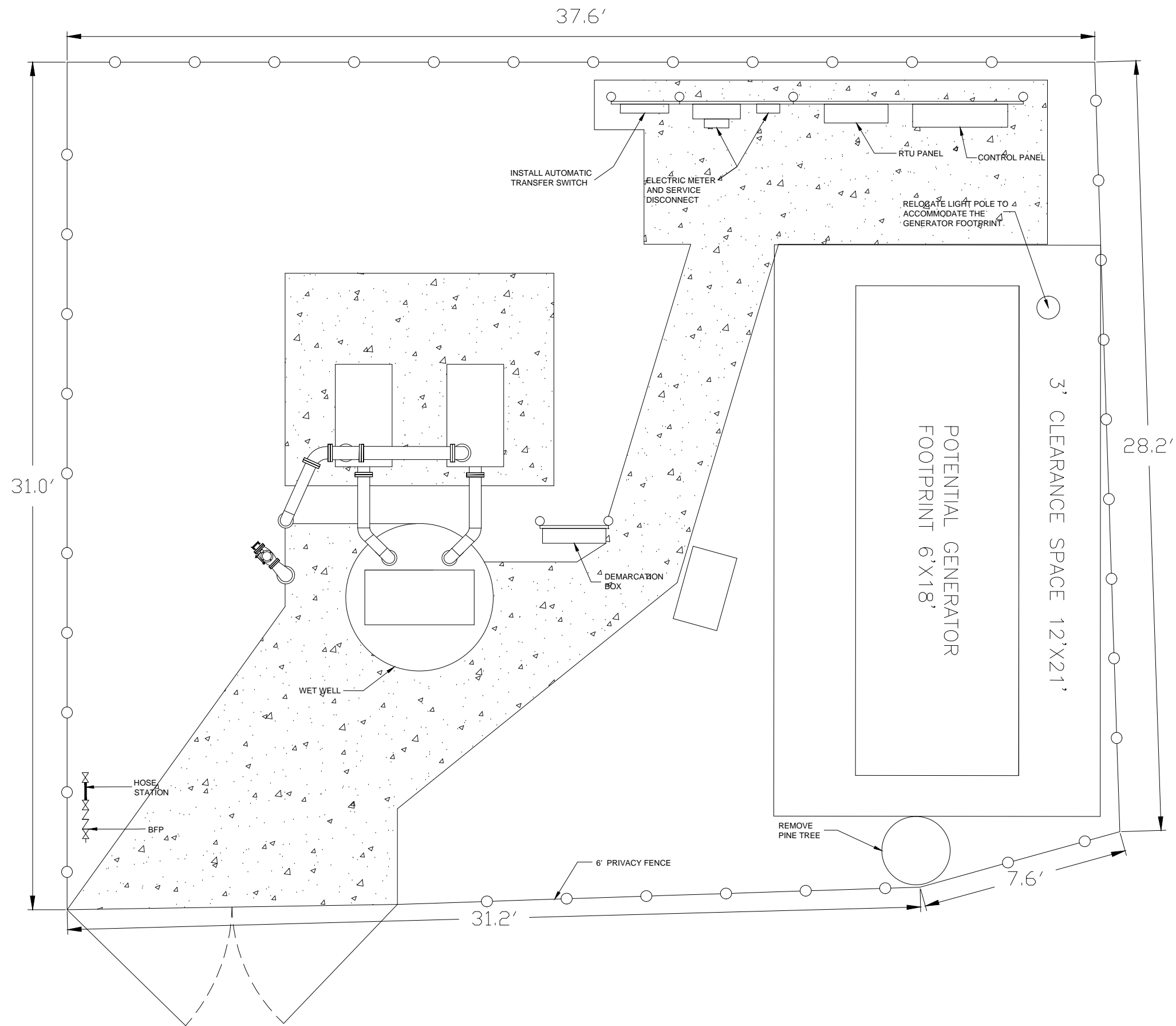


NOTE:
EXTEND FENCE 15'
INTO JEA EASEMENT.
FENCE AROUND MANHOLE
SHOULD ALREADY BE REMOVED.
IF NOT, WILL NEED TO BE REMOVED.
(SEE SITE PLAN).

PROPOSED SITE PLAN

NOTE:
REMOVE EXISTING FENCE AND EXTEND
FENCE OUT 15' INTO JEA EASEMENT.

NO. SHEETS		PROJ. NO.		11300 ROLLING RIVER BLVD. JACKSONVILLE, FLA. 32219 LS-001909				DESIGN ENGINEER		NO.		BY		DATE		REVISIONS	
SHEET NO.		DATE:						DRAWN BY: TARA STRATTON		6.							
								DATE: APRIL 3, 2018		5.							
								CHECKED BY:		4.							
DRAWING NO.		SCALE:						DATE:		3.							
										2.							
										1.							



SITE LAYOUT

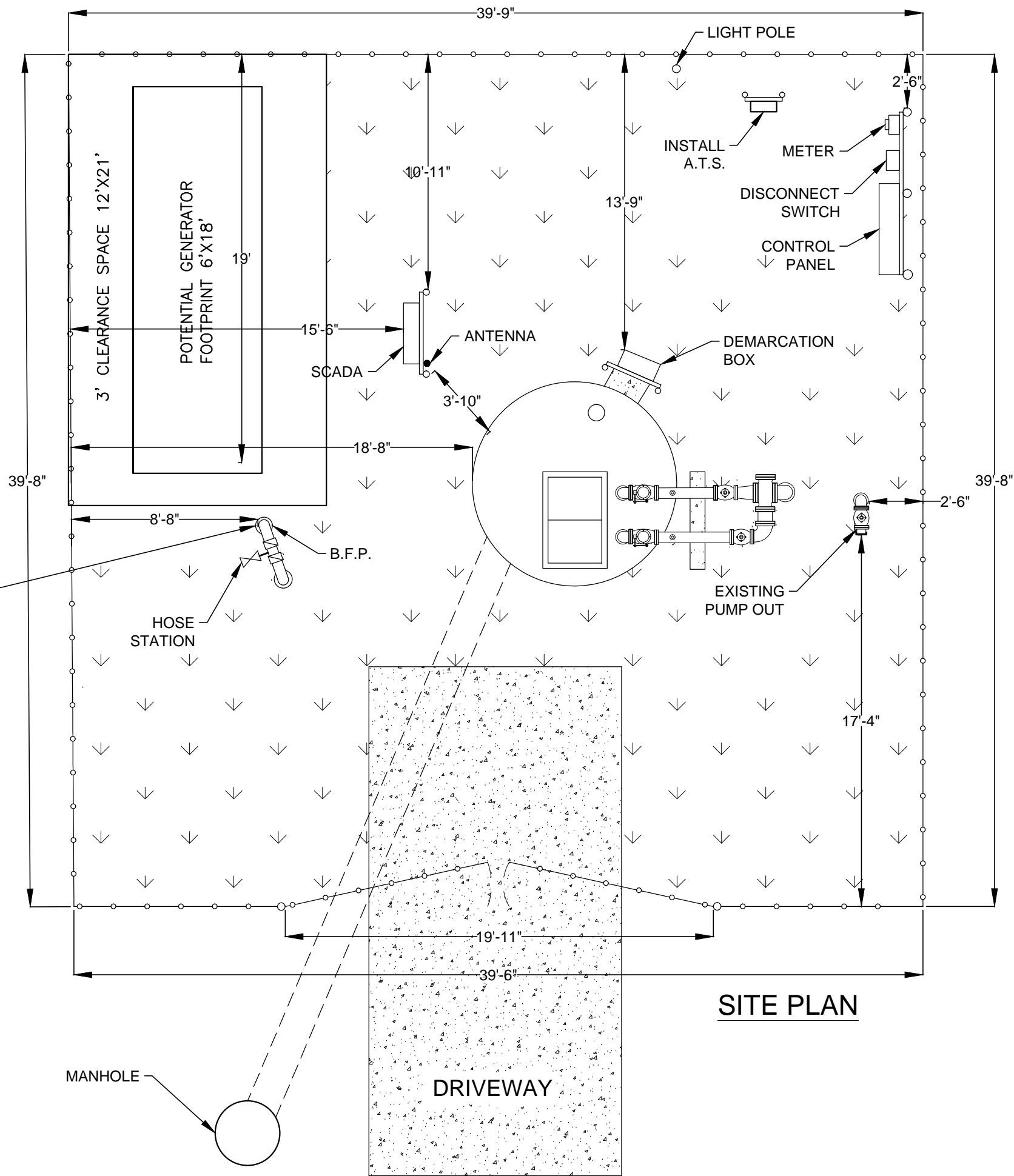
CONSTRUCTION NOTE

1. EXISTING LIGHT POLE AND LIGHT WILL NEED TO BE RELOCATED TO ALLOW ENOUGH SPACE TO INSTALL THE GENERATOR.
2. REMOVE PINE TREE ON NORTHERN PROPERTY BOUNDARY

NO. SHEETS 1	PROJ. NO.	LS-000071 2844 ADELE RD GENERATOR INSTALLATION		DESIGNER: JIMMY WEISLOG	DESIGN ENGINEER	NO.	BY	DATE	REVISIONS
	SHEET NO. 1			DRAWN BY: JIMMY WEISLOG					
DRAWING NO.	DATE:			DATE: 3/9/18		6.			
	SCALE: NTS			DATE:		4.			
						3.			
						2.			
						1.			

NOTE;
B.F.P. AND HOSE STATION WILL
NEED TO BE ROTATED AT A 180°
TO THE LEFT.

IF SO, CONTACT PAUL YAGER
OR DAVID VINING.
(TWO WEEKS PRIOR).



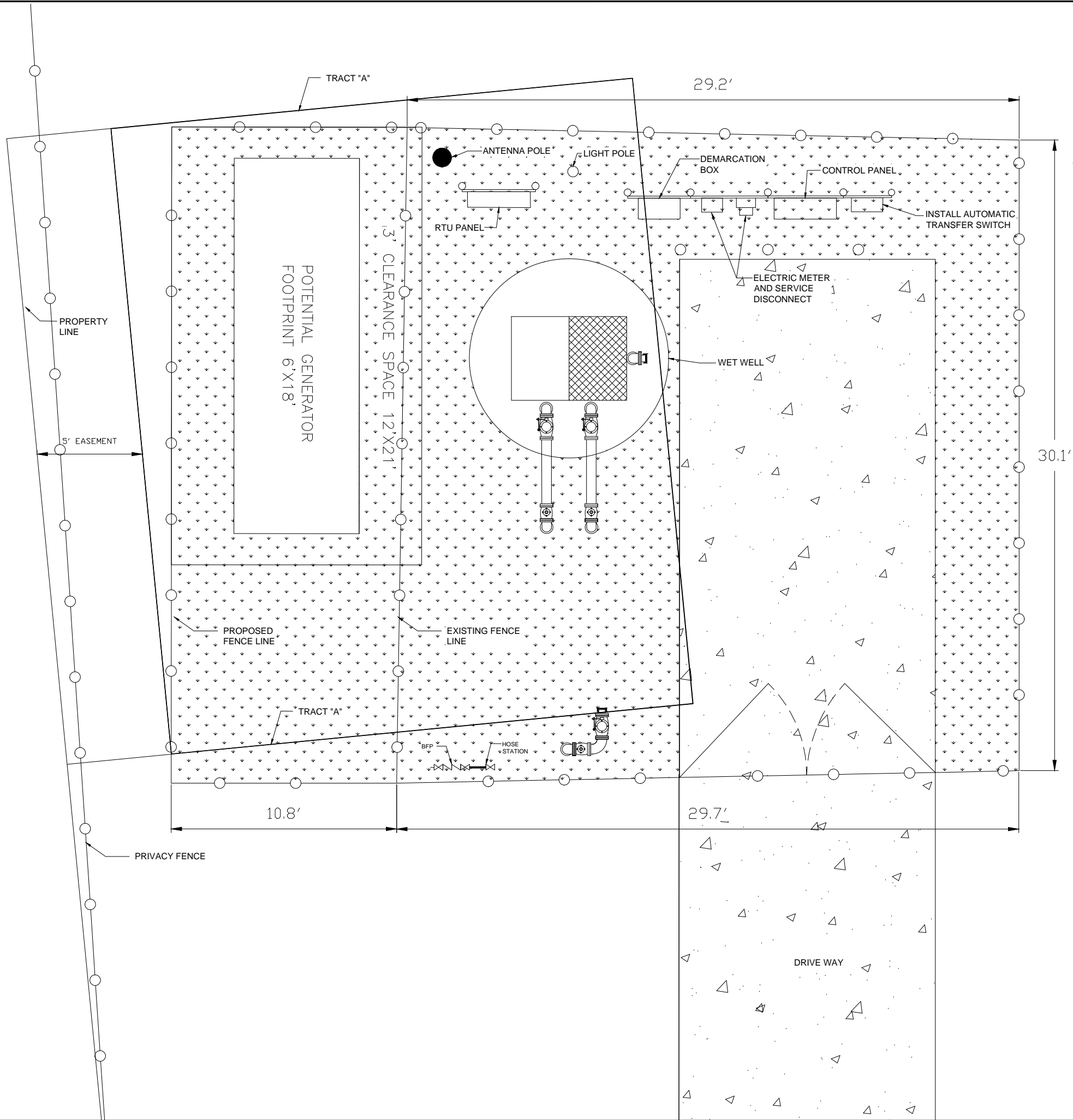
NO. SHEETS	PROJ. NO.
SHEET NO.	DATE:
DRAWING NO.	SCALE:

86440 GENE LASSERRE BV.
YULEE, FLA. 32097
LS-000944



DESIGNER:	DESIGN ENGINEER
DRAWN BY: TARA STRATTON	
DATE: APRIL 26, 2018	
CHECKED BY: CHRIS BEIGHT	FLORIDA REGISTRATION NO.
DATE:	

NO.	BY	DATE	REVISIONS
1			
2			
3			
4			
5			
6			



- CONSTRUCTION NOTE
1. EXISTING FENCE WILL NEED TO BE RELOCATED TO ALLOW ENOUGH SPACE TO INSTALL THE GENERATOR.
 2. INSTALL GRAVEL IN NEW FENCE AREA.

NO. SHEETS	PROJ. NO.
1	
SHEET NO.	DATE:
1	
DRAWING NO.	SCALE: NTS

LS-001005
1520 HAMMOND BV
GENERATOR INSTALLATION

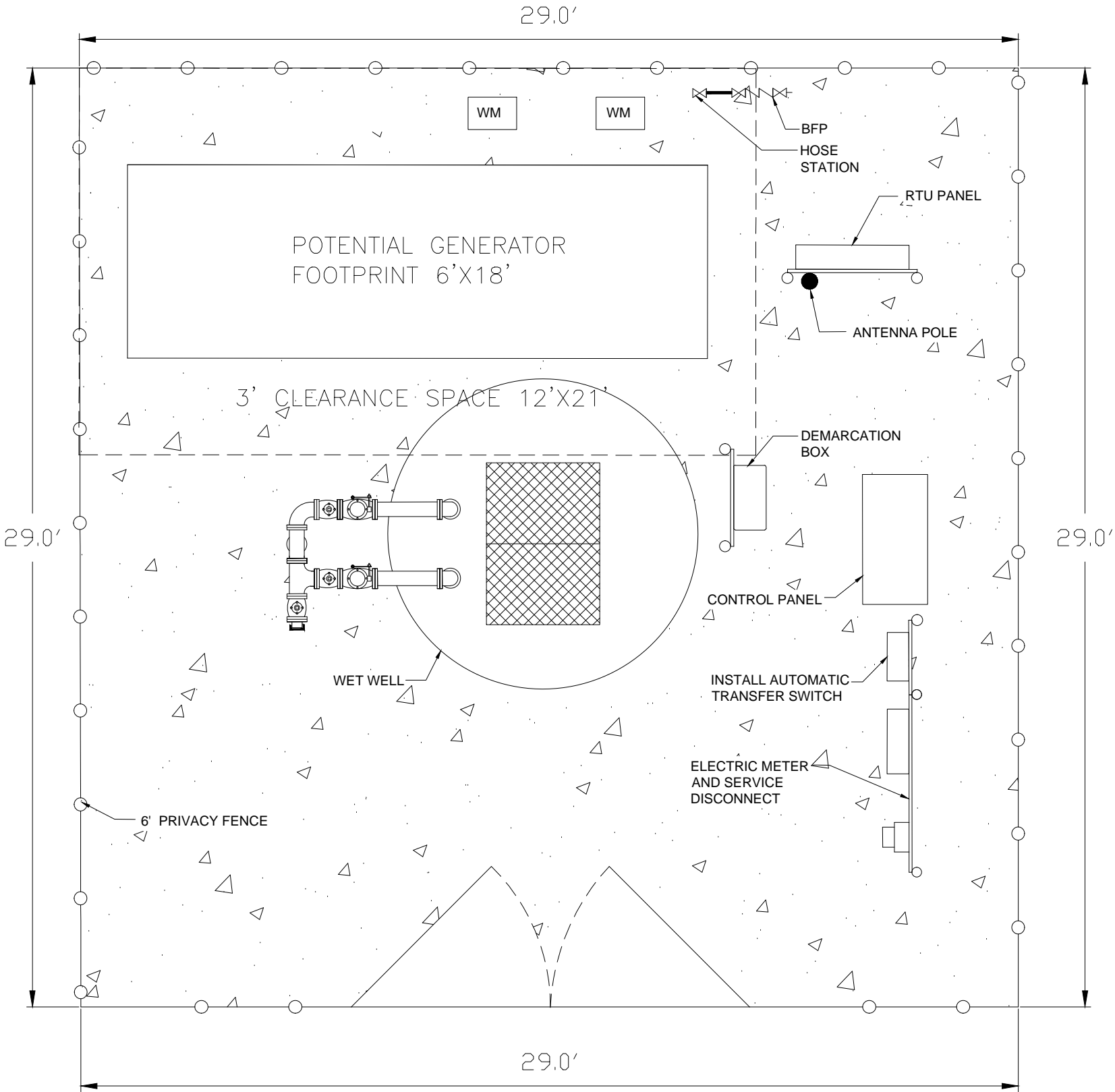


DESIGNER:	LOYD HENRY	DESIGN ENGINEER
DRAWN BY:	LOYD HENRY	
DATE:	03/22/2018	FLORIDA REGISTRATION NO.
CHECKED BY:	CHRIS RECHART	
DATE:		

NO.	BY	DATE	REVISIONS
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CONSTRUCTION NOTE

1. EXISTING HOSE STATION AND BFP WILL NEED TO BE RELOCATED TO ALLOW ENOUGH SPACE TO INSTALL THE GENERATOR.



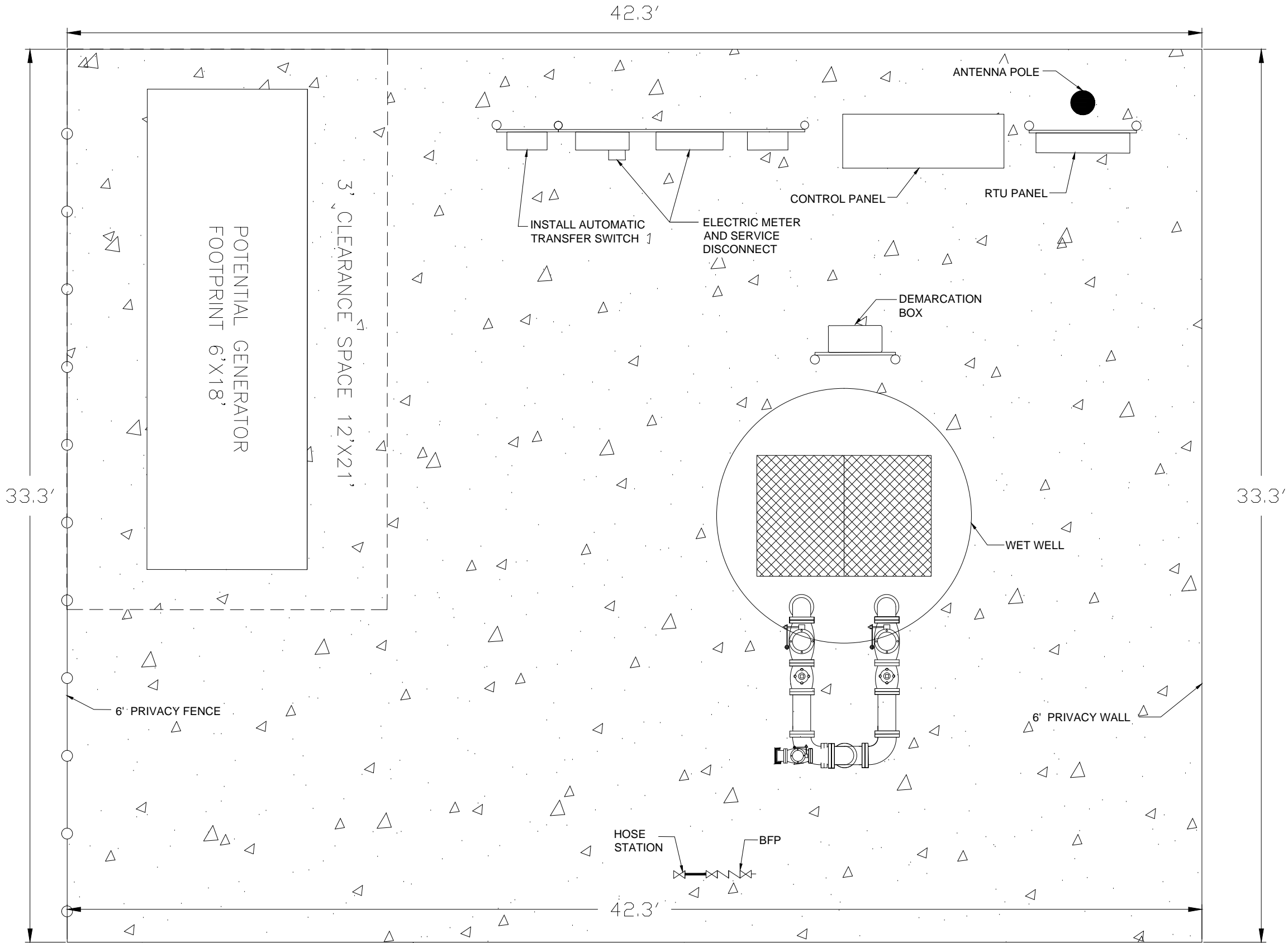
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SHEET NO.	DATE:
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DRAWING NO.	SCALE: NTS

LS-001034
8895 HAWKEYE CR
GENERATOR INSTALLATION



DESIGNER:	DESIGN ENGINEER
LLOYD HENRY	
DRAWN BY:	
LLOYD HENRY	
DATE:	FLORIDA REGISTRATION NO.
03/09/2018	
CHECKED BY:	
CHRIS RECHART	
DATE:	

NO.	BY	DATE	REVISIONS
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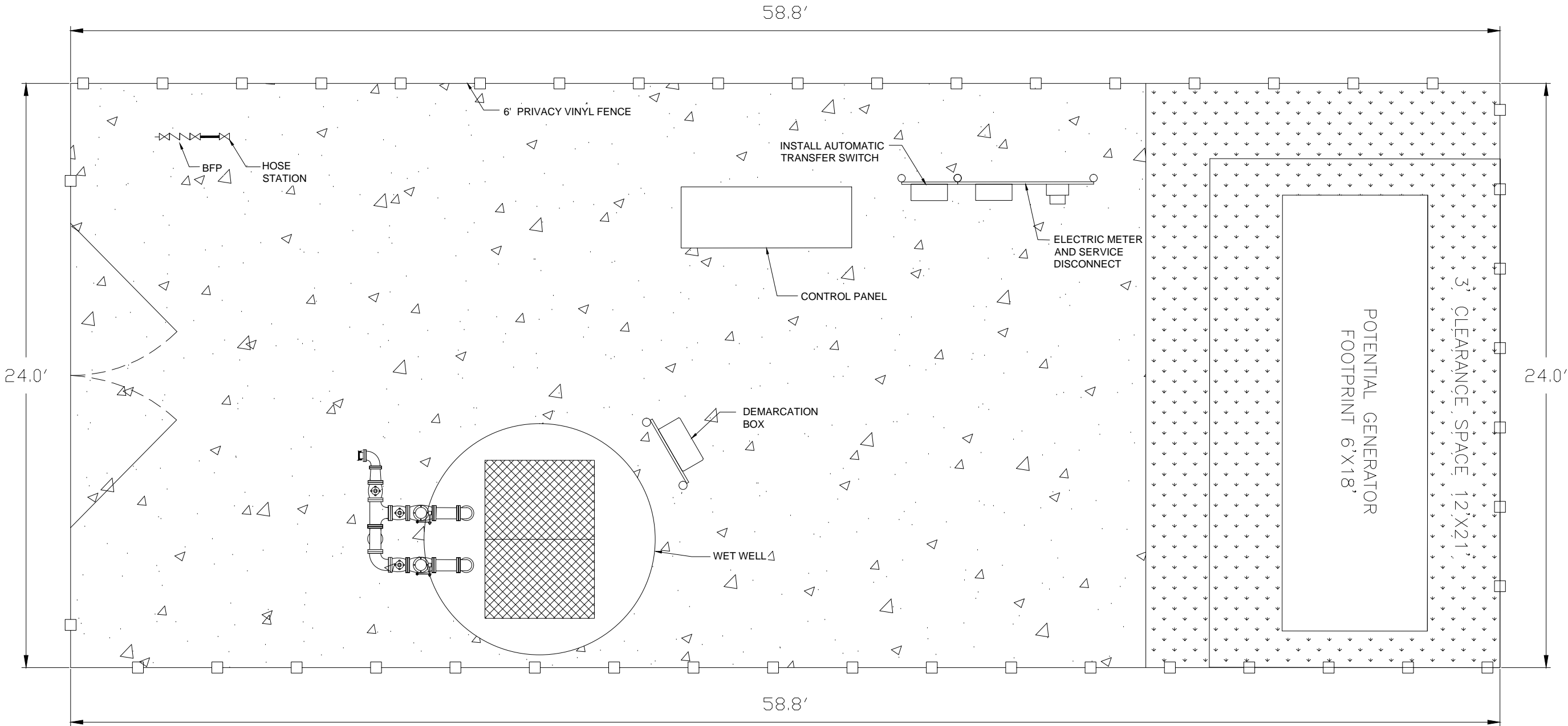
NO. SHEETS	PROJ. NO.
SHEET NO.	DATE:
DRAWING NO.	SCALE: NTS

LS-001673
11182 PANTHER CREEK PY
GENERATOR INSTALLATION



DESIGNER:	LLOYD HENRY	DESIGN ENGINEER
DRAWN BY:	LLOYD HENRY	
DATE:	03/22/2018	FLORIDA REGISTRATION NO.
CHECKED BY:	CHRIS RECHART	
DATE:		

NO.	BY	DATE	REVISIONS
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NO. SHEETS	PROJ. NO.
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SHEET NO.	DATE:
1	
DRAWING NO.	SCALE: NTS

LS-001775
4191 PLANTATION OAKS BV
GENERATOR INSTALLATION

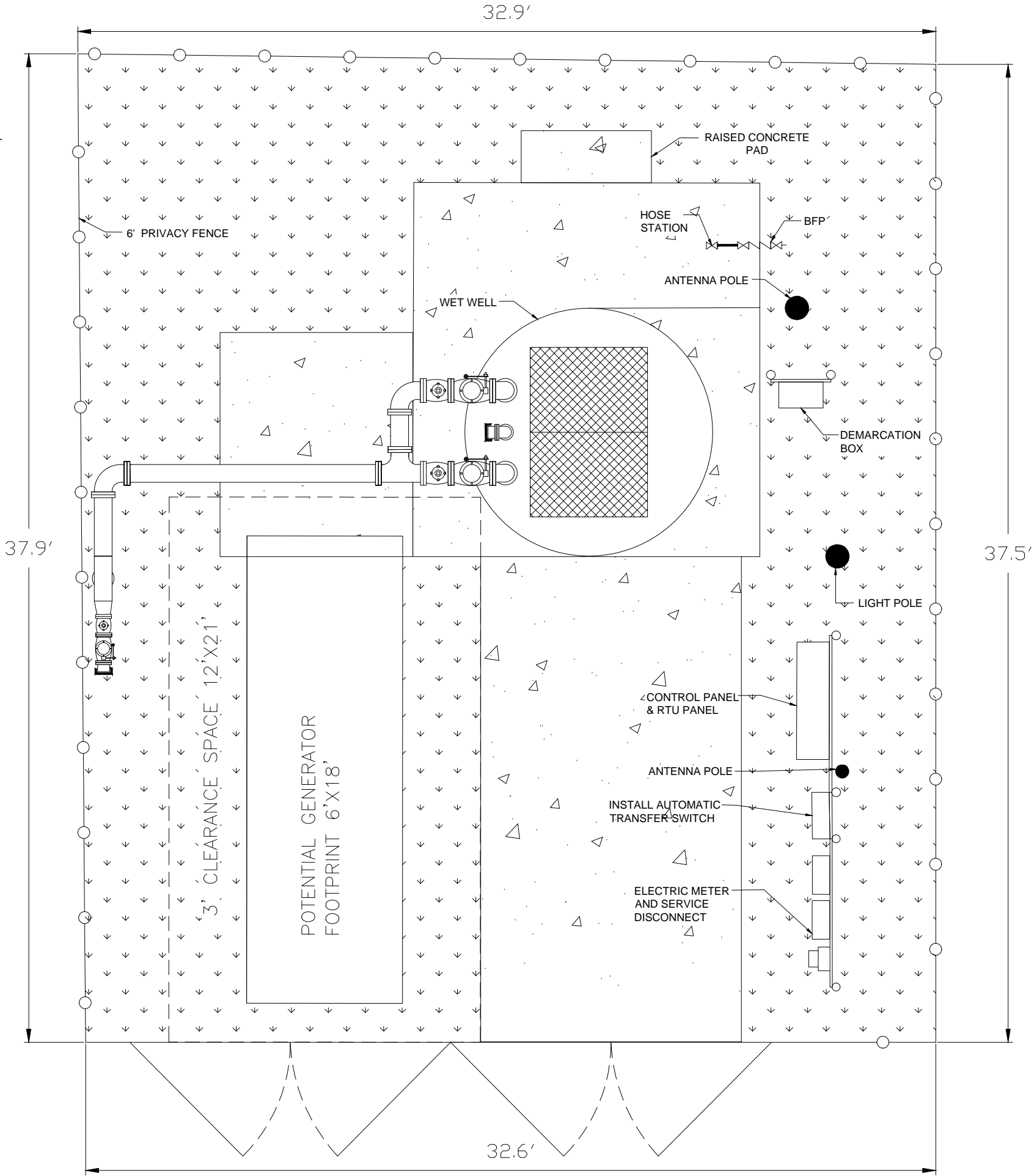


DESIGNER:	LLOYD HENRY	DESIGN ENGINEER
DRAWN BY:	LLOYD HENRY	
DATE:	03/22/2018	
CHECKED BY:	CHRIS RECHART	FLORIDA REGISTRATION NO.
DATE:		

NO.	BY	DATE	REVISIONS
1			
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CONSTRUCTION NOTE

1. EXISTING RAISED CONCRETE PAD WILL NEED TO BE REMOVED TO ALLOW ENOUGH SPACE TO INSTALL THE GENERATOR.



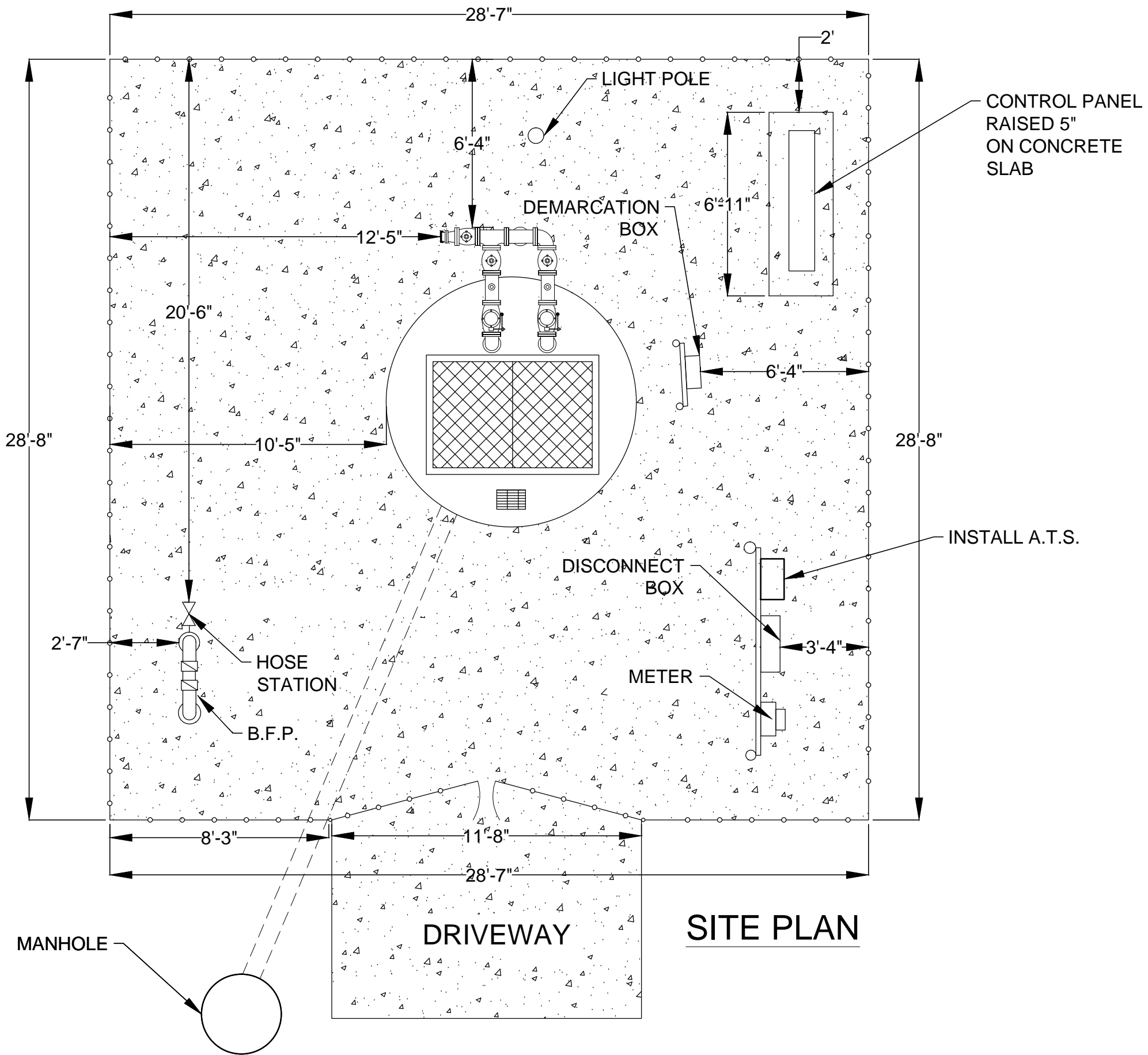
NO. SHEETS	PROJ. NO.
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SHEET NO.	DATE:
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DRAWING NO.	SCALE: NTS

10613 PLUM HOLLOW DR
GENERATOR INSTALLATION



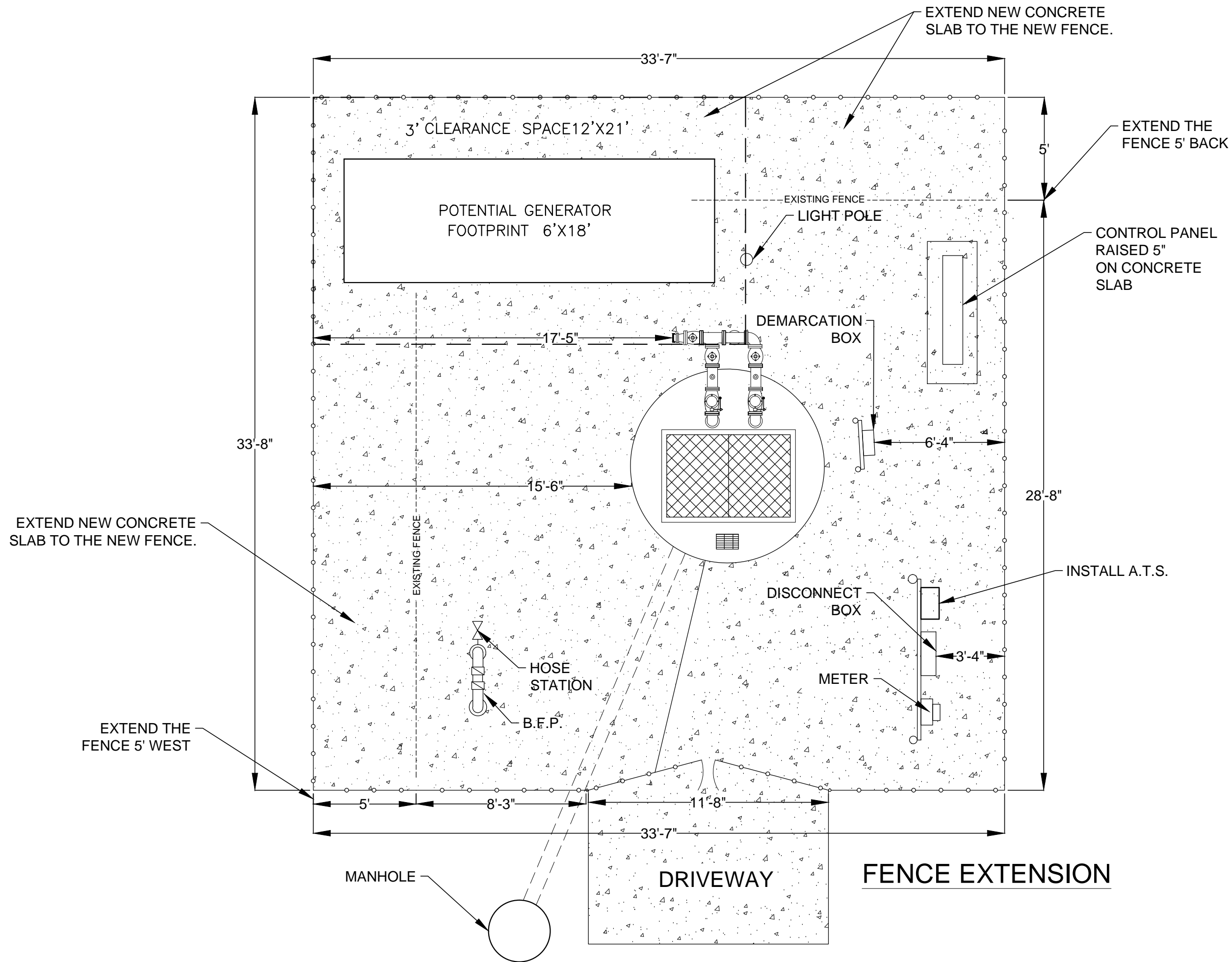
DESIGNER:	DESIGN ENGINEER
LLOYD HENRY	
DRAWN BY:	
LLOYD HENRY	
DATE:	FLORIDA REGISTRATION NO.
03/19/2018	
CHECKED BY:	
CHRIS RECHART	
DATE:	

NO.	BY	DATE	REVISIONS
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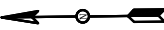


SITE PLAN

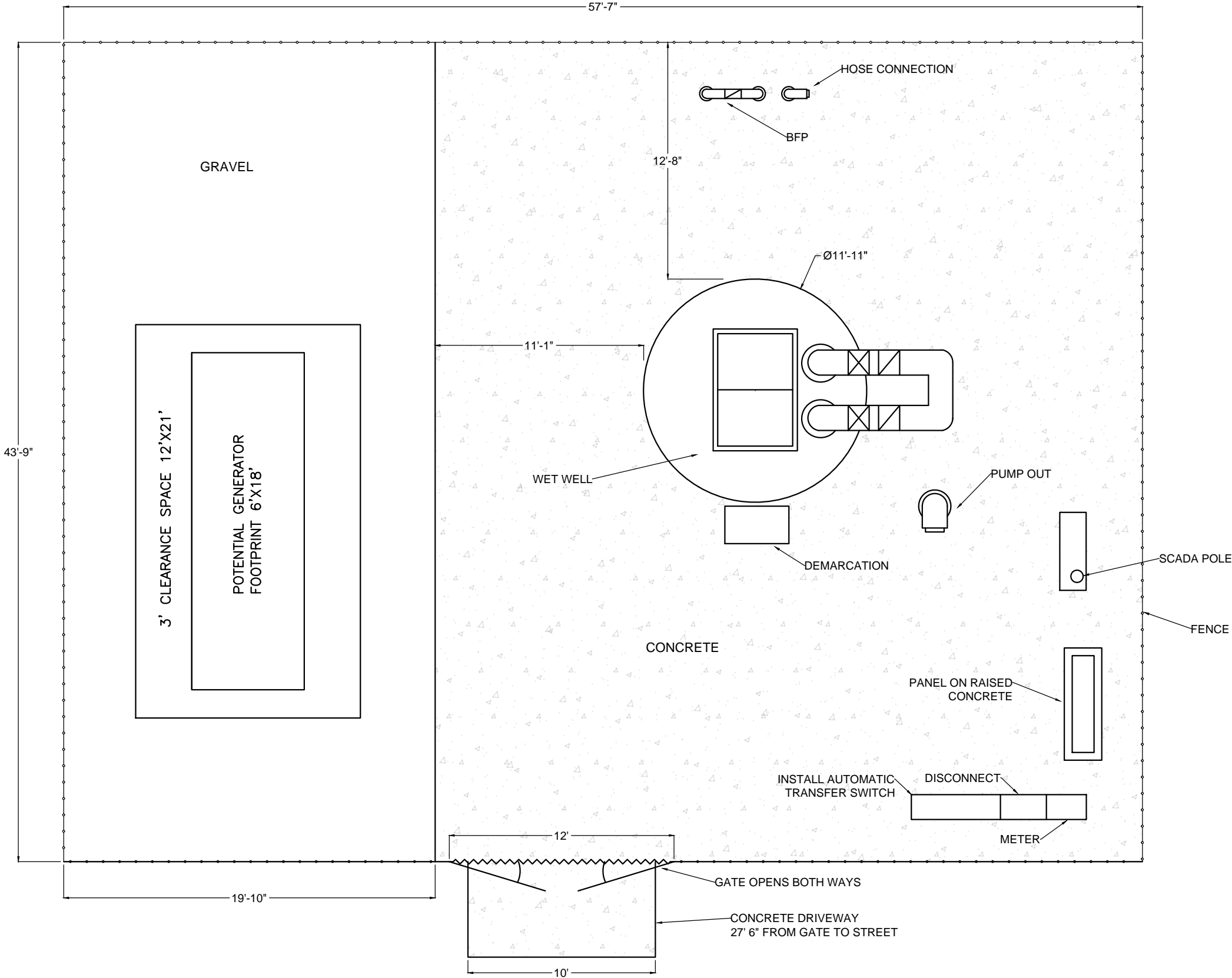
NO. SHEETS		PROJ. NO.		79734 PLUMMERS CREEK DR. YULEE, FLA. 32097 LS-001783				DESIGNER: DRAWN BY: TAMA STRATTON DATE: APRIL 13, 2018 CHECKED BY: CHRIS REICHAUT DATE:		DESIGN ENGINEER		NO.		BY		DATE		REVISIONS	
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DRAWING NO.		SCALE:										2		3		4		5	
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N.T.S.

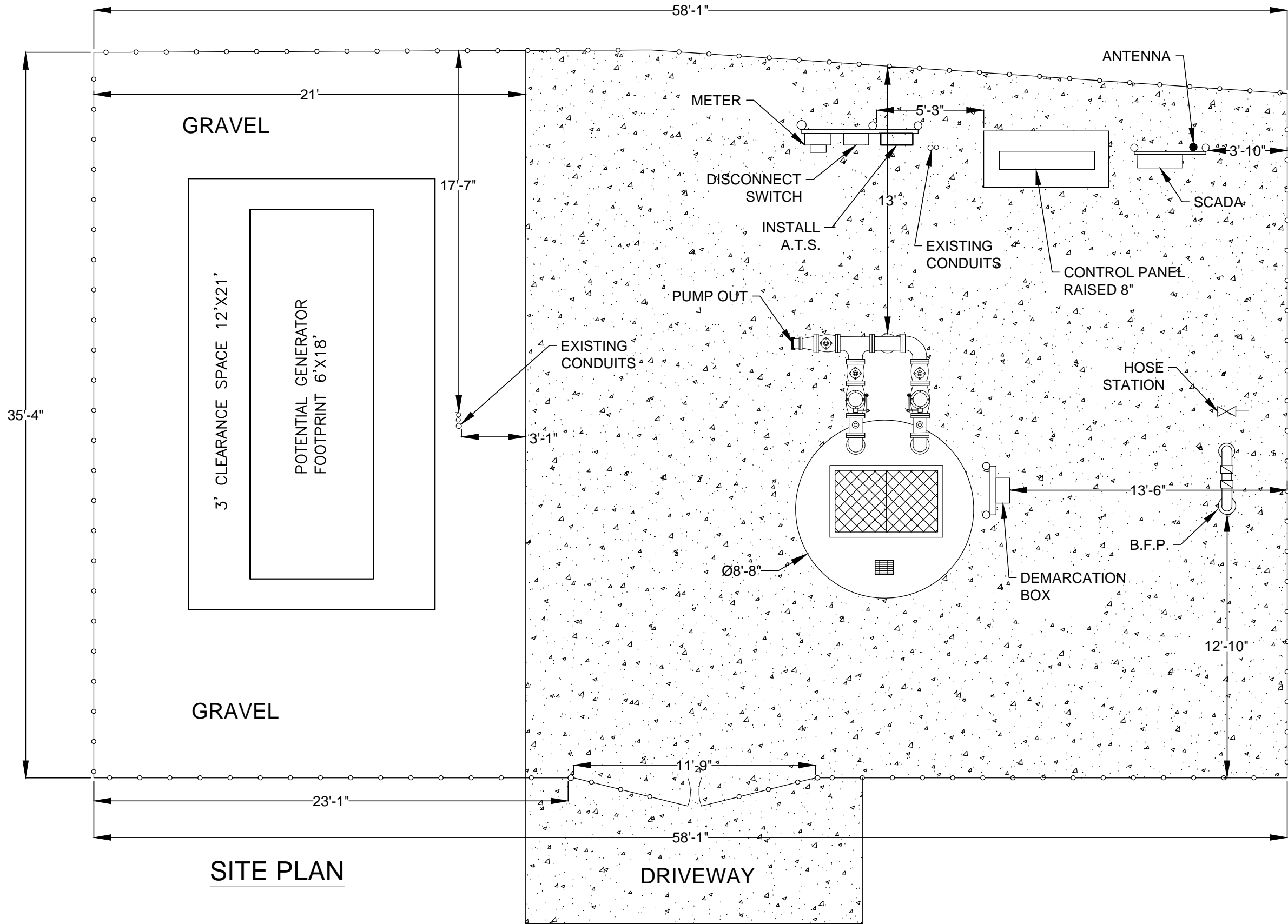


RECORD DRAWING

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DRAWING NO.		SCALE:				CHECKED BY:		FLORIDA REGISTRATION NO.		5							
						DATE:				4							
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2335 Tyson Lake Drive
Jacksonville, FL 32221
LS-002318





NO. SHEETS	PROJ. NO.
SHEET NO.	DATE:
DRAWING NO.	SCALE:

86014 VENETIAN AV.
YULEE, FLA. 32097
LS-002365

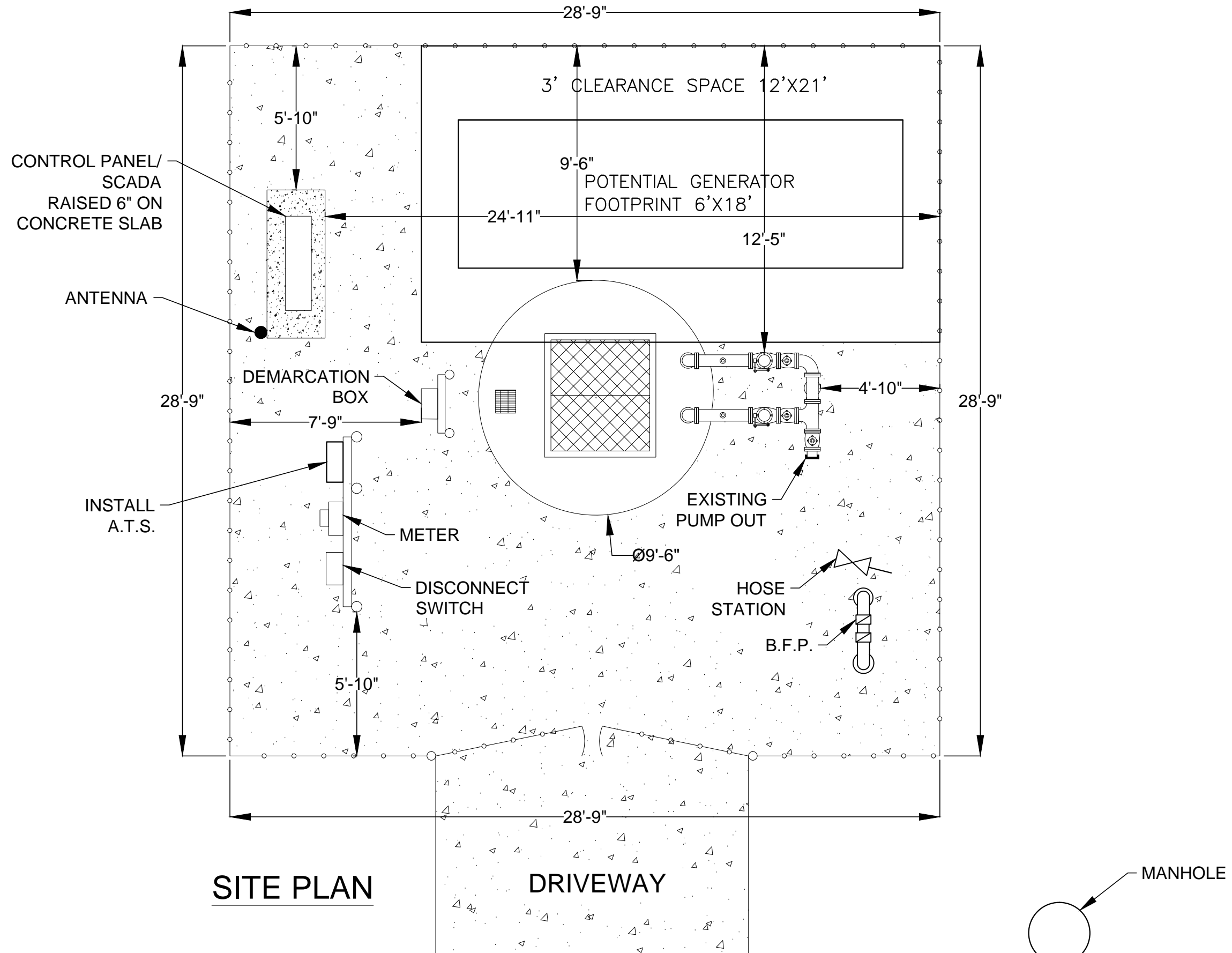


DESIGNER	DESIGNER
DESIGNED BY: TARA STRATTON	DATE: APRIL 6, 2018
CHECKED BY:	DATE:

DESIGN ENGINEER	FLORIDA REGISTRATION NO.

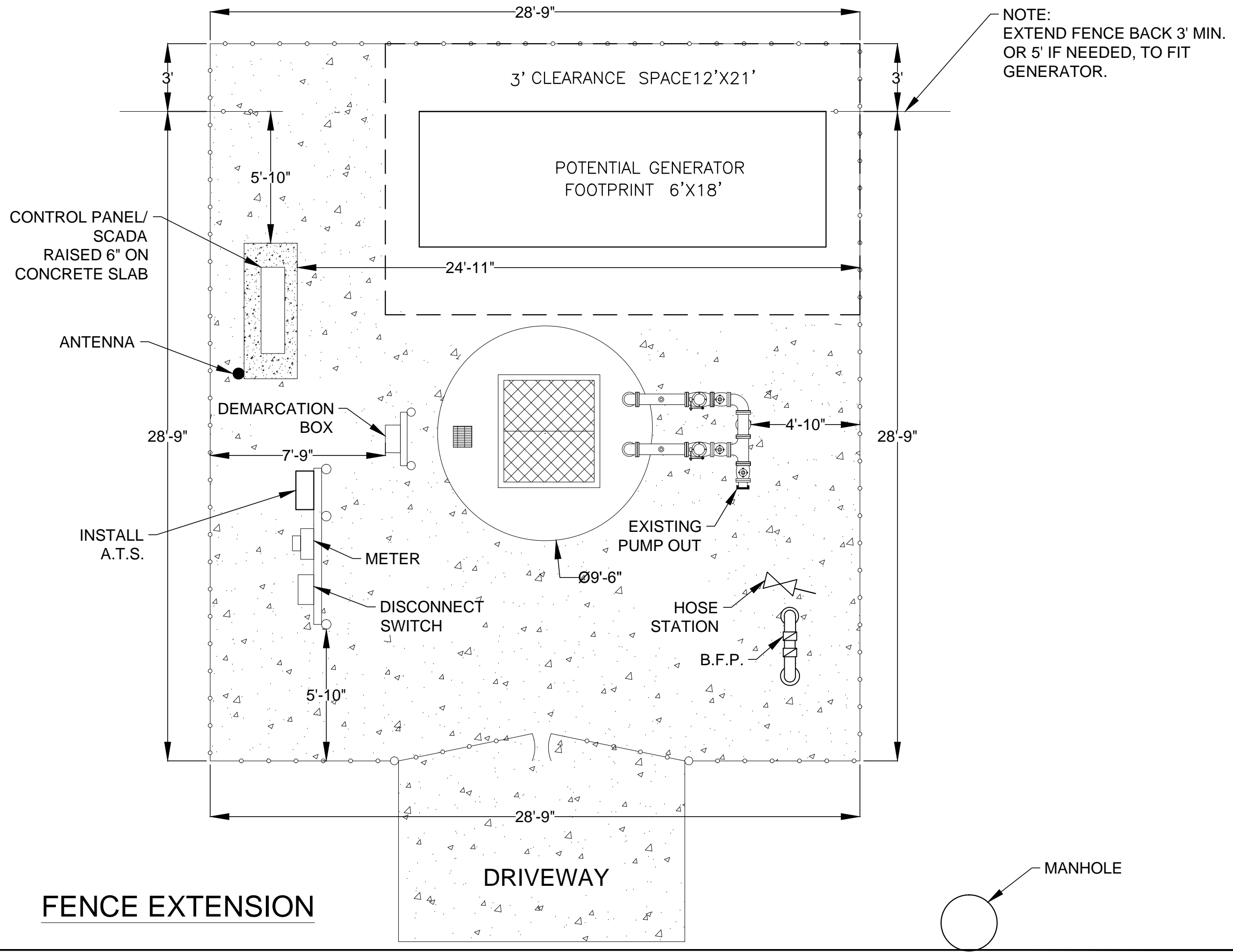
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SHEET NO.		DATE:		FERNANDINA BEACH, FLA. 32034				DRAWN BY: TARA STRATTON		5							
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FENCE EXTENSION

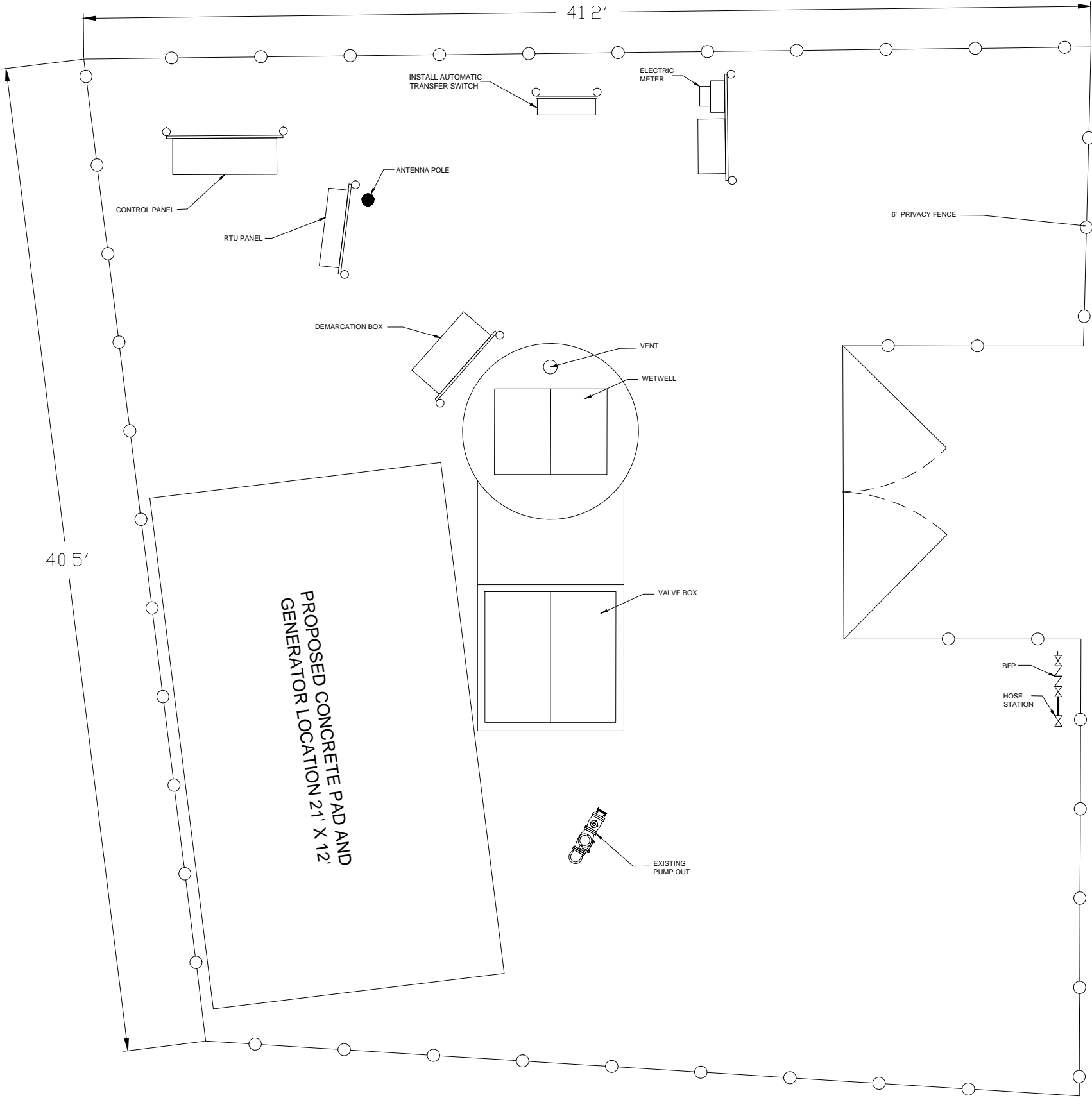
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SHEET NO.	DATE:
DRAWING NO.	SCALE:

95318 WILD CHERRY DR.
FERNANDINA BEACH, FLA. 32034
LS-002426



DESIGNER:	DESIGN ENGINEER
DESIGNED BY: TARA STRATTON	
DATE: APRIL 26, 2018	
CHECKED BY: CHRIS BECHT	
DATE:	
	FLORIDA REGISTRATION NO.

NO.	BY	DATE	REVISIONS
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SITE LAYOUT

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SHEET NO.	DATE:
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DRAWING NO.	SCALE: NTS

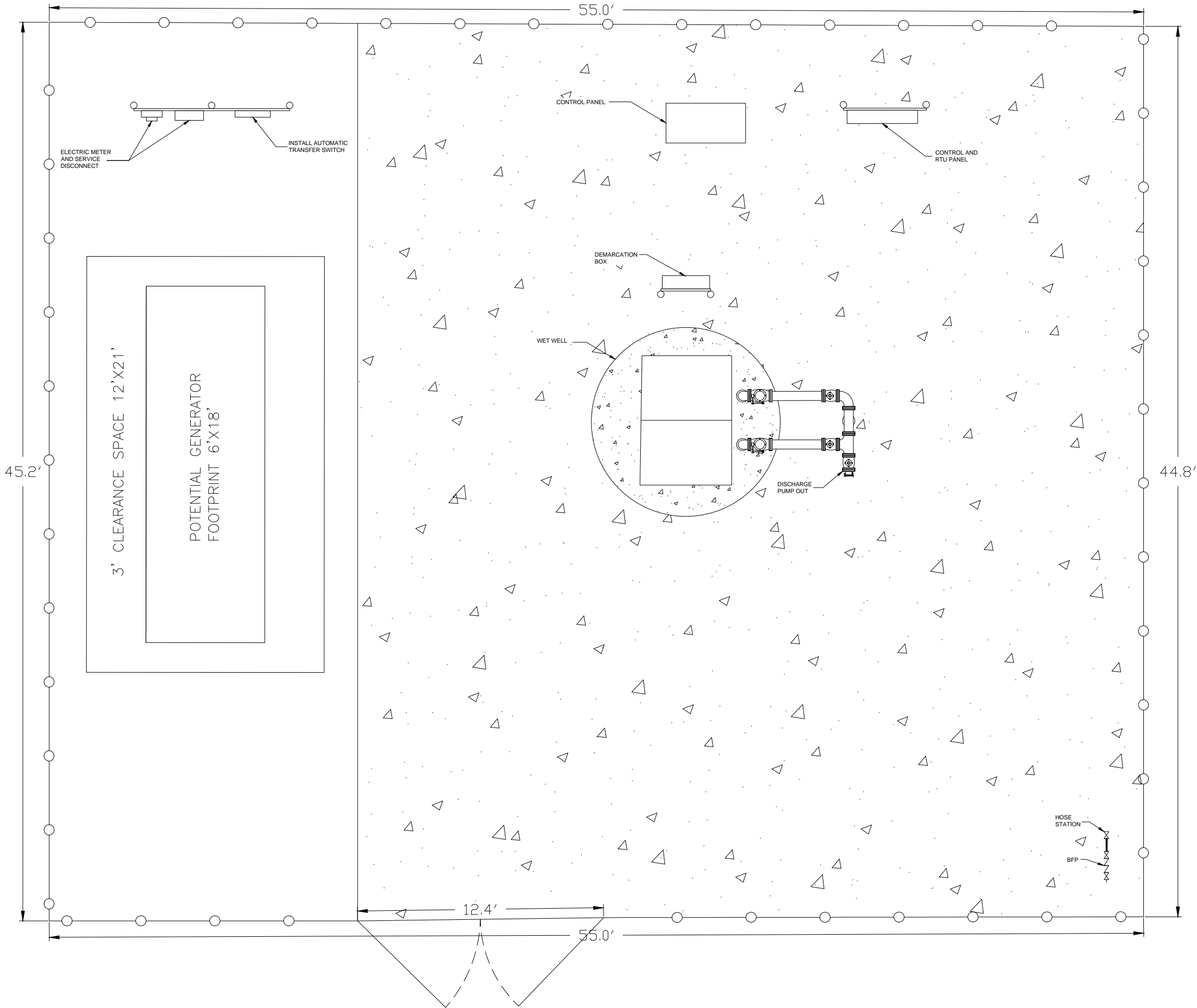
LS-001053
1054 WILDERLAND DR
GENERATOR INSTALLATION



DESIGNER:	JAMES WEISSTOG
DRAWN BY:	JAMES WEISSTOG
DATE:	12/29/17
CHECKED BY:	
DATE:	

DESIGN ENGINEER	FLORIDA REGISTRATION NO.

NO.	BY	DATE	REVISIONS
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1			



SITE LAYOUT

NO. SHEETS	PROJ. NO.
SHEET NO.	DATE:
DRAWING NO.	SCALE: NTS

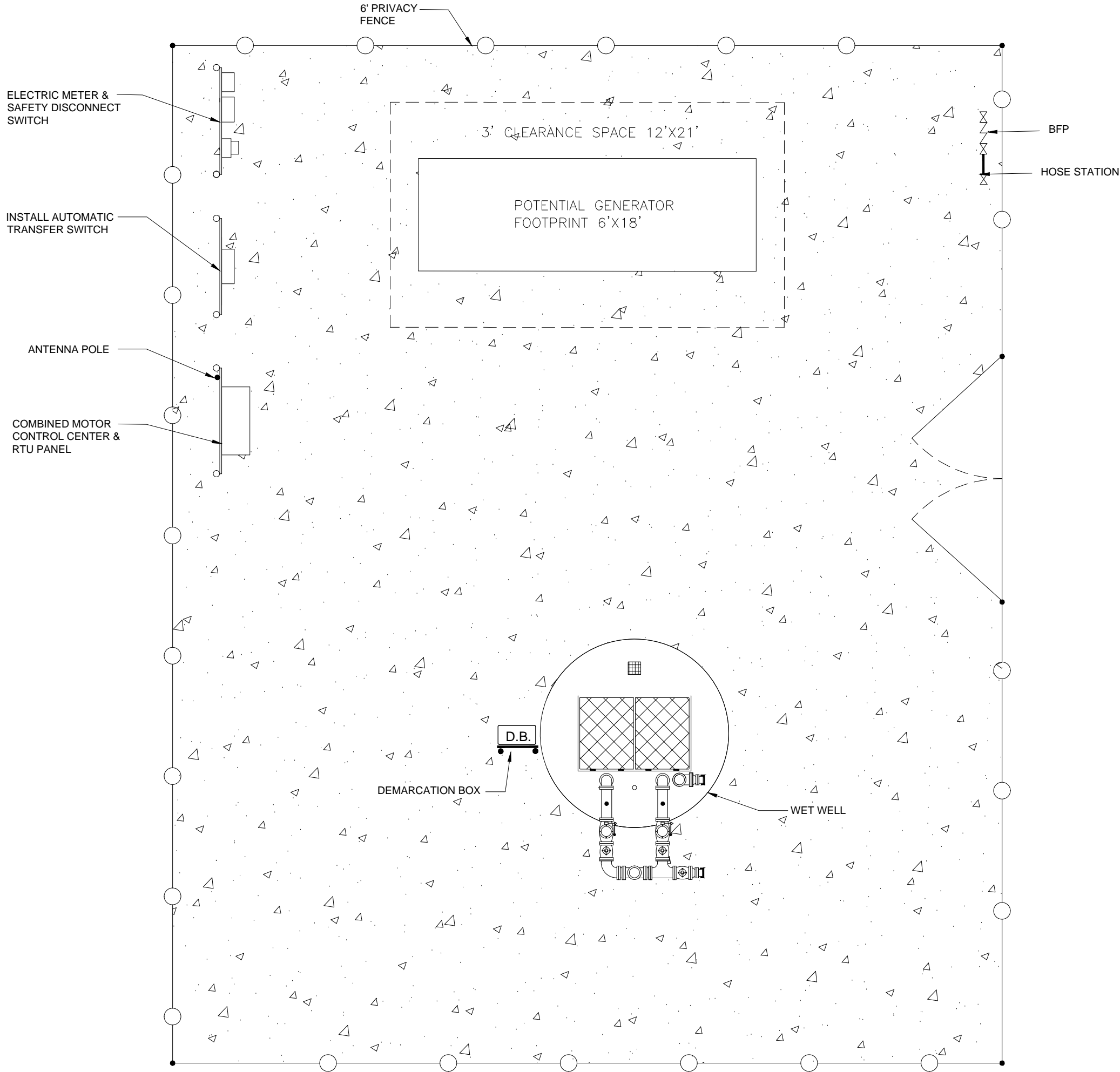
LS-003220
74 DAVIS PARKWAY
GENERATOR INSTALLATION



DESIGNER:	JIMMY WEISLOG
DRAWN BY:	JIMMY WEISLOG
DATE:	3/22/18
CHECKED BY:	CHRIS RECHART
DATE:	

DESIGN ENGINEER	FLORIDA REGISTRATION NO.

NO.	BY	DATE	REVISIONS
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SHEET NO.	DATE:
DRAWING NO.	SCALE: NTS

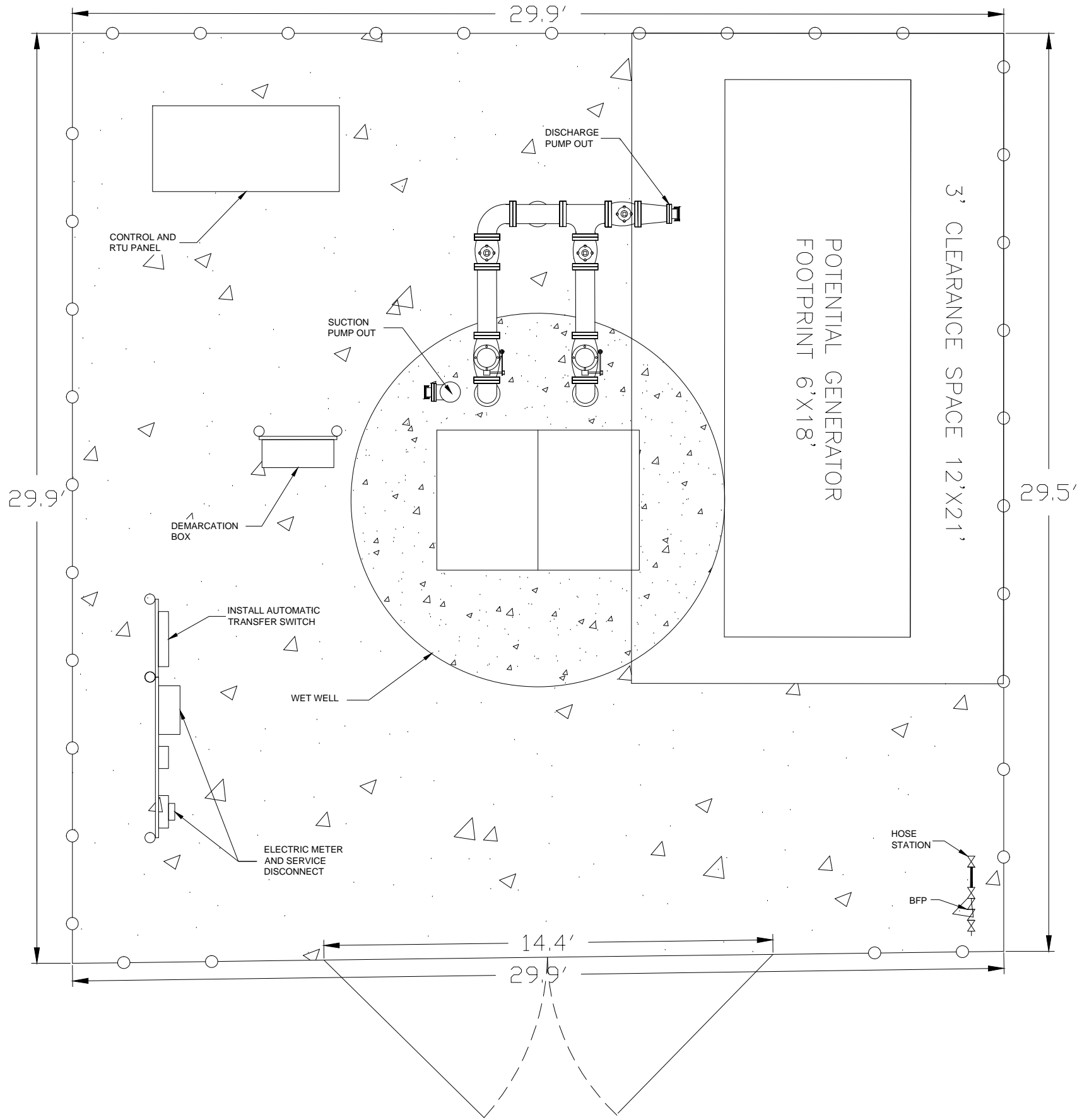
LS-004000
7362 LONGLEAF BRANCH DR
GENERATOR INSTALLATION



DESIGNER:	LOYD HENRY
DRAWN BY:	LOYD HENRY
DATE:	05/15/2018
CHECKED BY:	CHRIS RECHART
DATE:	

DESIGN ENGINEER	FLORIDA REGISTRATION NO.

NO.	BY	DATE	REVISIONS
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SITE LAYOUT

CONSTRUCTION NOTE

1. EXISTING DISCHARGE PUMPOUT CONNECTION MAY NEED TO BE RELOCATED TO THE OPPOSITE SIDE OF THE PIPING MANIFOLD TO ALLOW ENOUGH SPACE TO INSTALL THE GENERATOR.

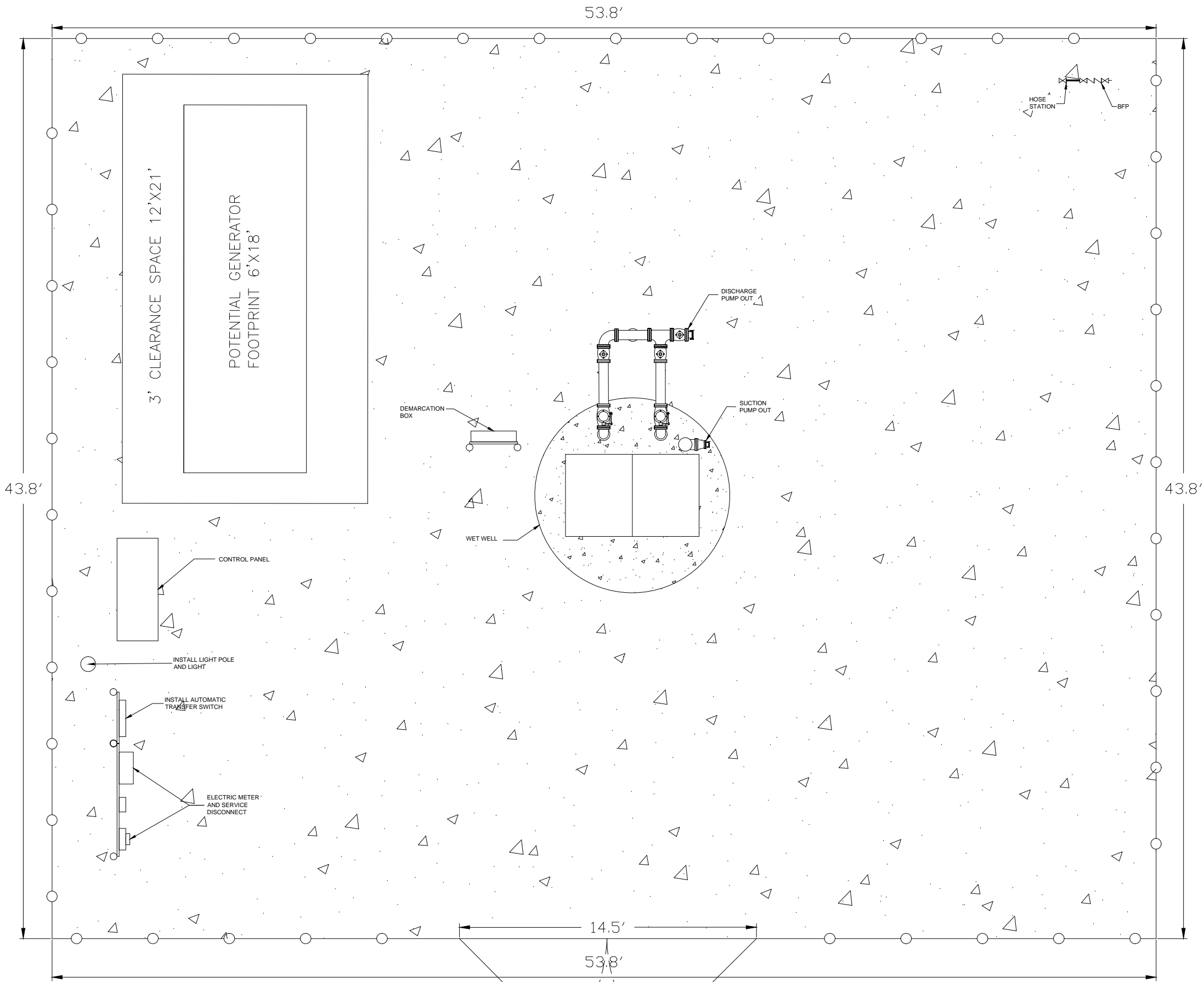
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SHEET NO.	DATE:
DRAWING NO.	SCALE: NTS

LS-004010
64 SIGNATURE DR
GENERATOR INSTALLATION



DESIGNER:	JIMMY WEISLOG	DESIGN ENGINEER
DRAWN BY:	JIMMY WEISLOG	
DATE:	4/4/18	
CHECKED BY:	CHRIS RECHART	FLORIDA REGISTRATION NO.
DATE:		

NO.	BY	DATE	REVISIONS
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SITE LAYOUT

NO. SHEETS	PROJ. NO.
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SHEET NO.	DATE:
1	
DRAWING NO.	SCALE: NTS

LS-004063
149 WILDERNESS RIDGE DRIVE
GENERATOR INSTALLATION



DESIGNER:	JIMMY WEISLOG	DESIGN ENGINEER
DRAWN BY:	JIMMY WEISLOG	
DATE:	3/23/18	
CHECKED BY:	CHRIS RECHART	FLORIDA REGISTRATION NO.
DATE:		

NO.	BY	DATE	REVISIONS
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