

## **EXHIBIT F**

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**Preliminary  
Emergency Response & Fire Safety Plan**

**for**

**Briarcliff Solar  
345 Scarborough Road  
Briarcliff Manor, NY 10510**

*Prepared For:*

**Briarcliff Solar LLC**

*Prepared By:*

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**April 3, 2023  
190091001**

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## FIGURES

Figure A. General Layout and Safety Plan

## **1.0 PURPOSE**

This Preliminary Emergency Response & Fire Safety Plan ("Plan") will provide an initial background for the actions to be deployed in an emergency at the proposed solar facility by Briarcliff Solar ("Project"). This Plan will be revised upon review and discussion between the Project and the local emergency service providers.

This plan provides guidance to ensure safety of emergency service providers, the public, and the Project Operators in the event of an emergency and comprises of emergency personnel contact information and procedures to prevent, mitigate, and effectively respond to an incident at the Project.

Briarcliff Solar will coordinate with local Emergency Services regarding this Plan to ensure compliance. The final version of this Plan is to be completed with appropriate sign-off by local Emergency Services prior to testing, commissioning, and placing the facility in-service.

## **2.0 SCOPE**

Compliance with the Plan is the responsibility of all team members as outlined in Section 3 – Responsibilities.

## **3.0 RESPONSIBILITIES**

Compliance with this Plan is the responsibility of all parties listed below:

### **3.1 Project Operators**

- Support and ensure compliance with this plan.
- Provide the Security Vendor, Employees, Visitors, and the Emergency Services personnel with updated copies of this plan and ensure understanding of all items identified within.
- Provide opportunities and encourage periodic review and continuous improvement of this plan.

### **3.2 Security Vendor**

- Support and comply with this plan.
- Ensure that the plan is maintained and updated periodically with input and review of all parties.

### **3.3 Employees and Visitors**

- Support and comply with this plan.
- Provide feedback of this plan to ensure continuous improvement.

### 3.4 Emergency Services

- Maintain a copy of this plan with appropriate review by all team members.
- Support and comply with this plan.
- Provide feedback of this plan to ensure continuous improvement.

## 4.0 General Facility Information

The Project involves constructing a 10 MW solar array on an approximately 95-acre site located at 345 Scarborough Road, Briarcliff Manor, NY. The site arrangement comprises of two 5-MW direct current (DC) solar arrays, which would occupy approximately 46 acres of the site, with an access road traversing from the two existing site access points – Scarborough Road and Holbrook Road.

Each of the solar array systems will comprise of 585W PV bifacial solar modules (North Array – 12,822 panels; South Array – 12,834 panels); solar inverters; Single-axis tracker racking in 2-high portrait orientation; switchgear, transformers, and electrical systems interconnected to the existing Con Edison electrical system via existing on-site connections. (Double for total site output).

### 4.1 Fire Detection

In the event of a fire, Project Operators, Security Vendor, and local Emergency Services shall be immediately contacted with the contents of this plan put into execution.

### 4.2 Shutoff Procedures and Locations

In the event of a fire, the Security Vendor and local Emergency Services shall stay outside of the solar array perimeter fencing until a qualified Project Operator is onsite.

In the event of an emergency requiring shutdown, the solar system may be de-energized/isolated remotely, but local disconnect operations will require manual performance by only the qualified Project Operator. Emergency personnel shall not assume the system is de-energized nor attempt to perform operations associated with de-energizing or troubleshooting any electrical equipment.

In the event of an emergency, the Project Operator may disconnect power blocks within the solar arrays at each inverter by following the following procedures:

- The On/Off switch on each inverter shall be manually turned to the Off position, shutting off both the AC and DC switches within the inverter.

- After the system has been disconnected / turned off, the DC disconnect switch shall be turned off, and a lock placed on it to stop it from being re-energized.

#### 4.3 Operational Contacts

In the event of any emergency, the following notification list should be contacted as required:

Department	Address	Phone
<b>DIAL 911 in all Emergencies FIRST</b>		
Briarcliff Solar: Raymond Sanabria, Operations Manager	79 Madison Ave., 8 <sup>th</sup> Floor New York, NY 10016	Primary: 212-389-9215 Alternate: 716-437-6066
Security Vendor - TBD	TBD	TBD
Fire Department	Briarcliff Manor Village Hall 1111 Pleasantville Road Briarcliff Manor, NY 10510	(914) 941-4440 Fire Chief: (914) 941-0879 Alternate: (914) 944-2762
Police Department	Briarcliff Manor Village Hall 1111 Pleasantville Road Briarcliff Manor, NY 10510	Non-Emergency: (914) 941-2130
Ambulatory Services (Through Fire Department)	Briarcliff Manor Village Hall 1111 Pleasantville Road Briarcliff Manor, NY 10510	(914) 941-4440
Village Manager	Briarcliff Manor Village Hall 1111 Pleasantville Road Briarcliff Manor, NY 10510	(914) 944-2782

#### 4.4 Emergency Contacts

In the event of an emergency – Dial 911

All 911 calls in the Briarcliff area are routed to a local dispatch center where calls are sorted by type of emergency with the appropriate deployment of local emergency services.

## 5.0 GENERAL SAFETY AND OPERATIONAL INFORMATION

The Project facilities, including the solar arrays, inverters, pad mount transformers, and all station wiring connecting each of these components comprise of a live, interconnected electric generation system. All Project Operators, Security Vendor, Employees, the Public, and Emergency Services shall assume that project facilities are

live and in service at all times with risk of exposure to electric shock and/or arc flash. During response to an emergency at the Project, it should be assumed that:

- All Project facilities, including solar arrays, inverters, pad mount transformers, and station wiring are live, hazardous and contain lethal AC and DC voltages;
- A minimum setback distance of twenty feet (20') shall be maintained from all solar electric photovoltaic panels;
- All inverters contain energy storage devices requiring 15 minutes to safely discharge lethal voltages;
- Electricity is supplied from multiple sources with control wiring carrying electricity across the site;
- The site should only be accessed under supervision by the Project Operators.

#### 5.1 Precautions while in the vicinity of the Solar Electric System

- Only trained personnel should work on or near any of the Project facilities, including but not limited to solar arrays, inverters, pad mount transformers, and any wiring.
- At least two persons will be present when working on the Project facilities. Do not attempt to service or respond to an emergency unless another person capable of rendering first aid and cardiopulmonary resuscitation (CPR) is present.
- Any accidents should be immediately reported to the Project Operators, as soon as it is safe to do so.
- Do not touch the solar arrays without wearing electrical insulating gloves. Photovoltaic panels are made of glass and may break. If any cracks occur in the modules, touching a crack may expose a person to the full voltage and current of the array.

#### 5.2 Training

The final version of this Plan is to be completed with appropriate sign-off by local Emergency Services prior to testing, commissioning, and placing the facility in-service. Training and sign-off of local Emergency Services of the final Plan will be required at a minimum annually to ensure safety and compliance.

### 6.0 Emergency Situations and Response

Critical Points of consideration in an Emergency:

- In the event of any emergency, dial 911;
- Entry into the solar array perimeter fencing via access gates and shutdown of the Project should only be attempted at the direction of the Project Operator;
- A minimum setback distance of twenty feet (20') shall be maintained from all solar electric photovoltaic panels;

- All Project facilities should always be considered electrically energized or live. DC voltage is always present (even at night);
- All inverters contain energy storage devices requiring 15 minutes to safely discharge lethal voltages;
- Electricity is supplied from multiple sources with control wiring carrying electricity across the site; and
- Do not touch the modules without wearing electrical insulating gloves.

## 6.1 Fire Response

In the event of a fire, the first responder in discussion (in person or remotely via phone), shall:

- Evacuate and secure the area and keep the public outside the site perimeter a minimum of 300 feet away, provided there are no immediate threats to people or non-solar property;
- Let the facility burn. Burning electrical equipment is already damaged and must be replaced;
- Protect adjacent exposures, such as homes and forested areas, as needed, to limit the potential of the fire spreading;
- If fire must be suppressed within the array fence line, local authorities will discuss suppression options and safety risks with Project Operator prior to any action.

The following are the most important considerations when responding to a fire or other emergency at the Project:

- All Project facilities should always be considered electrically energized or live. DC voltage is always present (even at night);
- Identify and validate all hazards in order to minimize injury;
- Electrical components produce gas during combustion. All responders should use a self-contained breathing apparatus (SCBA) and maintain an appropriate distance from burning equipment to minimize inhalation;
- Under the direction of the Project Operator, isolate or shut down the electrical power at the site of the fire, if possible;
- Do not open any inverter doors until at least 48 hours have passed since the initiation of the event or conditions are verified safe and entry is approved by the Operator; and
- Leave the scene in a safe condition after mitigating hazards.

## 6.2 Public Safety

The Project site maintains safety and security components as outlined in the Site Safety Plan to ensure that access to the site by the public is restricted. Access to the Project site shall be to those that are trained and approved only.



Figure A  
General Layout and Safety Plan

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# **Preliminary Site Security Plan**

**for**

**Briarcliff Solar  
345 Scarborough Road  
Briarcliff Manor, NY 10510**

*Prepared For:*

**Briarcliff Solar LLC**

*Prepared By:*

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**April 10, 2023  
190091001**

***LANGAN***

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## **1.0 PURPOSE**

Site security is a fundamental part of operating any electric generation or transmission facility. This Preliminary Site Securing Plan ("Security Plan") will provide an initial background for the intent of security measures to be implemented upon the permitting and construction of Briarcliff Solar ("Project"). This Security Plan will be revised upon review and discussion between the Project and the local Authority Having Jurisdiction, including emergency services.

The objective of this Security Plan is to outline the continuous safe operation of the Project through implementation of security measures, methods to minimize unauthorized access, and protection against vandalism to the Project facilities.

## **2.0 SCOPE**

Compliance with the Security Plan is the responsibility of all team members as outlined in Section 3 – Responsibilities.

## **3.0 RESPONSIBILITIES**

Compliance with this Security Plan is the responsibility of all parties listed below:

### **3.1 Project Operators**

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### 3.6 Emergency Contacts

In the event of an emergency – Dial 911

All 911 calls in the Briarcliff area are routed to a local dispatch center where calls are sorted by type of emergency with the appropriate deployment of local emergency services.

## 4.0 ACCESS ROADS

The two access roads to the Project – Scarborough Road and Holbrook Road shall remain gated to restrict access to the general public. The gates will always remain closed except for when entering or existing the Project. For access by emergency services in the event of an emergency, Knox boxes with gate keys will be provided at each of the Project access roads.

Signage will be installed on the gates and around the perimeter setback along the Old Croton Aqueduct (“OCA”) notifying the public against trespassing and electrical hazards located within the Project. During the routine periodic inspections by the Project

operators and the Security Vendor, if it is identified that unauthorized access by the public is occurring, additional site inspections will be initiated along with notifications to the local police.

## **5.0 SECURITY CAMERA SYSTEM**

The Project intends to install a security camera system at each egress, which will be designed to provide coverage only within the Project facility, to deter unauthorized access. The security camera system data is anticipated to be remotely monitored by the contracted Security Vendor. In the case that unauthorized access is identified by remote monitoring, the Security Vendor will initiate contact with the local police department.

## **6.0 SOLAR ARRAY & EQUIPMENT**

The Project will have two sets of perimeter fencing and site intrusion security. While each egress will remain gated, there will be perimeter fencing surrounding the Project facilities on each side of the access road throughout the site. The perimeter fencing on each side of the access road through the site will comprise of National Electric Safety Code ("NESC") requirements to be seven feet (7') in height and are being considered to have smaller, non-scalable mesh as an additional deterrent against unauthorized public access. Should persistent unauthorized public access occur, additional security measures such as additional security camera installations will be employed.

The Project facilities, including the solar arrays, inverters, and pad mount transformers will be equipped with panels or doors that seal tight/close and are equipped with locks. Each piece of equipment shall remain closed and locked at all times, except while under maintenance.

## **7.0 LIGHTING**

Security lighting will be placed at each access road to deter unauthorized access and provide the Project Operators, Security Vendor, and/or Emergency Services with safe access to the Project through each access road.

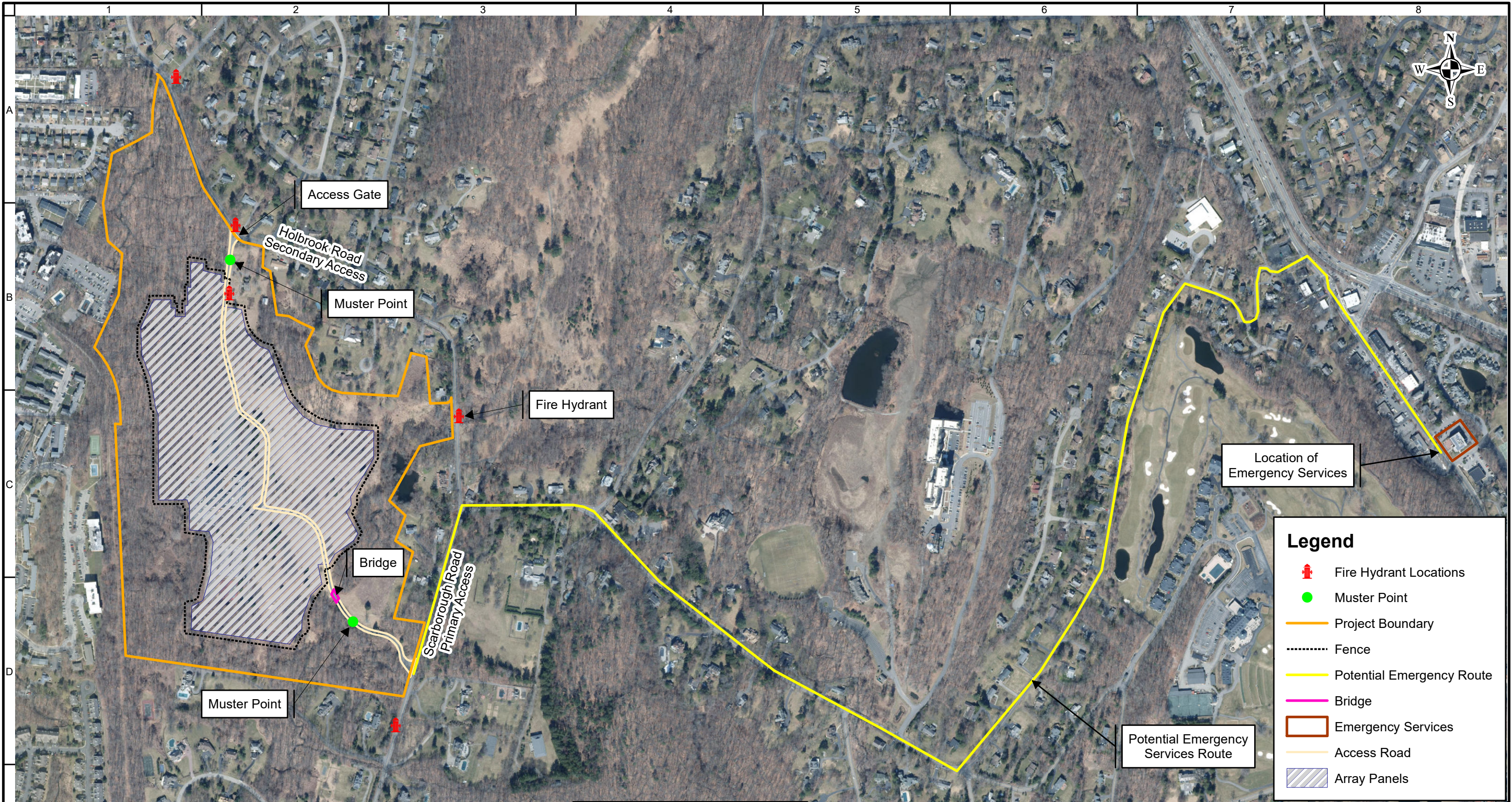
In consideration of the neighboring residences, lighting for the solar arrays shall comprise of only safety lighting at each of the access gates to the perimeter fencing. The perimeter fencing lighting shall be equipped with either motion detectors or automatic lighting that will be designed to comply with the lowest tolerance of lighting available.

All Security lighting is to be routinely inspected and maintained by the Project Operators and Security Vendor.

## **8.0 CYBER SECURITY**

Briarcliff Solar will comply with all local, state, and federal operating requirements regarding Cyber Security. All remotely operable and internet connected equipment shall be protected and monitored continuously, 24 hours, 365 day per year.





**Legend**

Fire Hydrant Locations

Muster Point

Project Boundary

Fence

Potential Emergency Route

Bridge

Emergency Services

Access Road

Array Panels

Notes:  
ESRI World Imagery 2021

5500550

SCALE IN FEET

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Langan International LLC  
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project

BRIARCLIFF SOLAR

345 SCARBOROUGH ROAD

BRIARCLIFF MANOR NEW YORK

Drawing Title

GENERAL LAYOUT  
& SAFETY PLAN

Project No. 190091001	Figure <b>A</b>
Date 04/03/2023	
Scale 1" = 550'	
Drawn By DRS	