



# Gambit City of Angleton Fence Permit Application

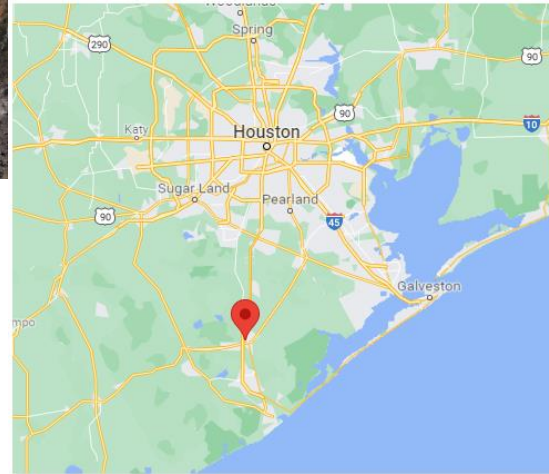
02/6/2024

Attachment "C"



# Gambit Project Overview

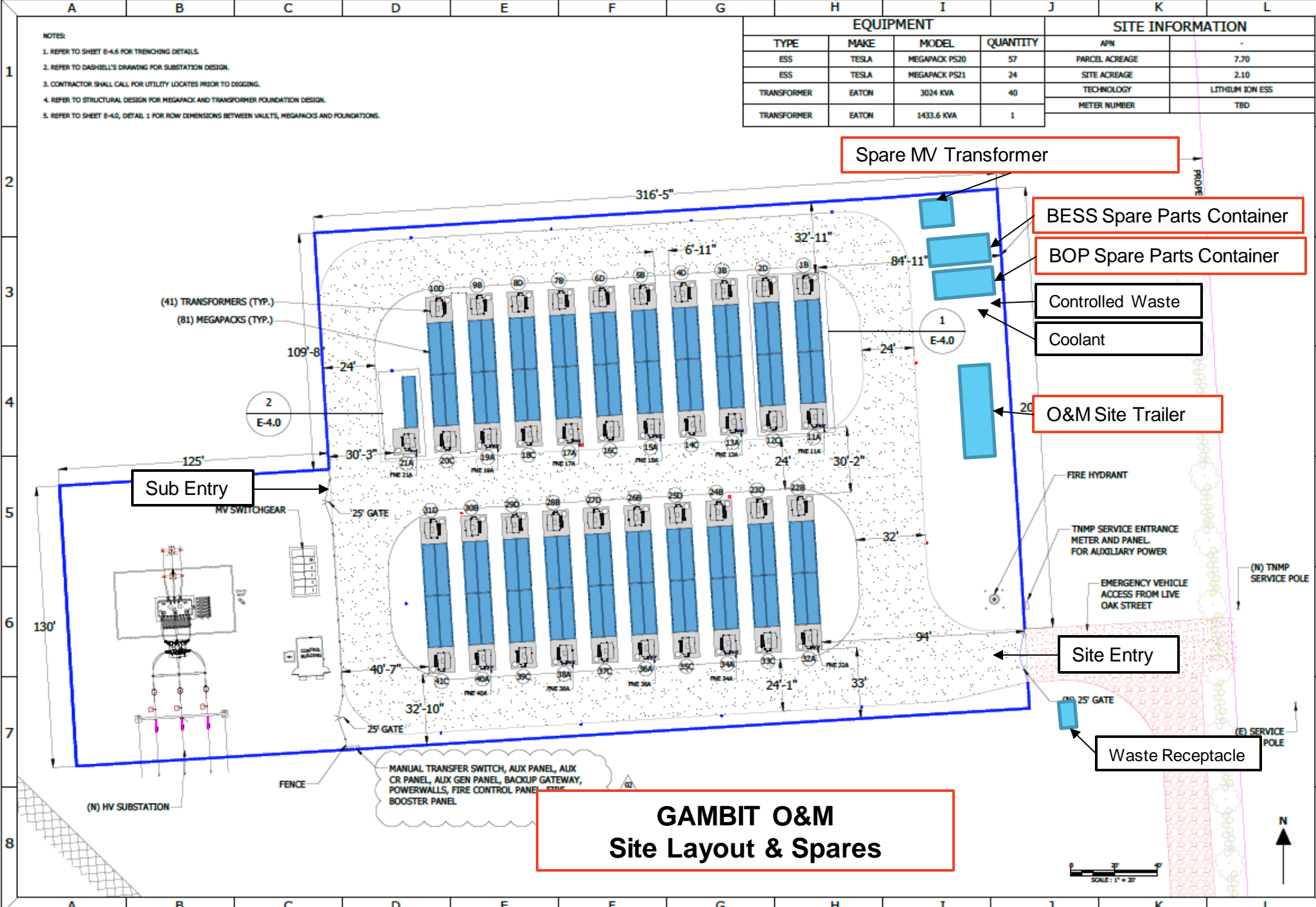
*Operational since Summer 2021, Plus Power began development in 2019*



- Project Size & Location:
  - 100 MW / 175 MWh
  - 81 Megapacks, 41 Transformers
  - Angleton, Texas

- NOTES:
1. REFER TO SHEET E-4.6 FOR TRENCHING DETAILS.
  2. REFER TO DASH-BELL'S DRAWING FOR SUBSTATION DESIGN.
  3. CONTRACTOR SHALL CALL FOR UTILITY LOCATES PRIOR TO DIGGING.
  4. REFER TO STRUCTURAL DESIGN FOR MEGAPACK AND TRANSFORMER FOUNDATION DESIGN.
  5. REFER TO SHEET E-4.0, DETAIL 1 FOR ROW DIMENSIONS BETWEEN VALUETS, MEGAPACKS AND FOUNDATIONS.

EQUIPMENT				SITE INFORMATION	
TYPE	MAKE	MODEL	QUANTITY	APN	-
ESS	TESLA	MEGAPACK PS20	57	PARCEL ACREAGE	7.70
ESS	TESLA	MEGAPACK PS21	24	SITE ACREAGE	2.10
TRANSFORMER	EATON	3024 KVA	40	TECHNOLOGY	LITHIUM ION ESS
TRANSFORMER	EATON	1433.6 KVA	1	METER NUMBER	TBD



Spare MV Transformer

BESS Spare Parts Container

BOP Spare Parts Container

Controlled Waste

Coolant

O&M Site Trailer

Sub Entry

Site Entry

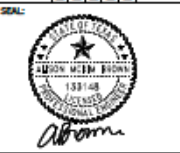
Waste Receptacle

**GAMBIT O&M  
Site Layout & Spares**



NO.	DATE	BY	DESCRIPTION
01	3/1/2024	AF	ISSUED FOR CONSTRUCTION
02	11/17/2023	MA	UPDATE CALL OUT FOR ADDITIONAL AIR EQUIPMENT
03	10/17/2023	MA	UPDATE TO NOTES
04	10/17/2023	MA	ISSUED FOR CONSTRUCTION
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100	10/17/2023	MA	ISSUED FOR CONSTRUCTION

998 W LIVE OAK ST. ANGLETON, TX 77515	MEGAPACK AC POWER : 500 & 1430 KVA MEGAPACK AC ENERGY : 3172 MWH MEGAPACK QUANTITY : 81 ESS TECHNOLOGY : LITHIUM-ION PROJECT SIZE : 300 MW/230 MWH	GAMBIT ENERGY STORAGE
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CONFIDENTIALITY STATEMENT  
THE DRAWING AND ALL INFORMATION HEREIN IS THE PROPERTY OF PLUS ENERGY SYSTEMS INC. AND REPRODUCTION OR DISSEMINATION OF THIS DRAWING FOR OTHER THAN THE EXTENDED PROJECT WITHOUT PRIOR WRITTEN AUTHORIZATION FROM PLUS ENERGY SYSTEMS INC. IS STRICTLY PROHIBITED.

IPC  
ELECTRICAL SITE PLAN

E-1.0



# Tesla Megapack

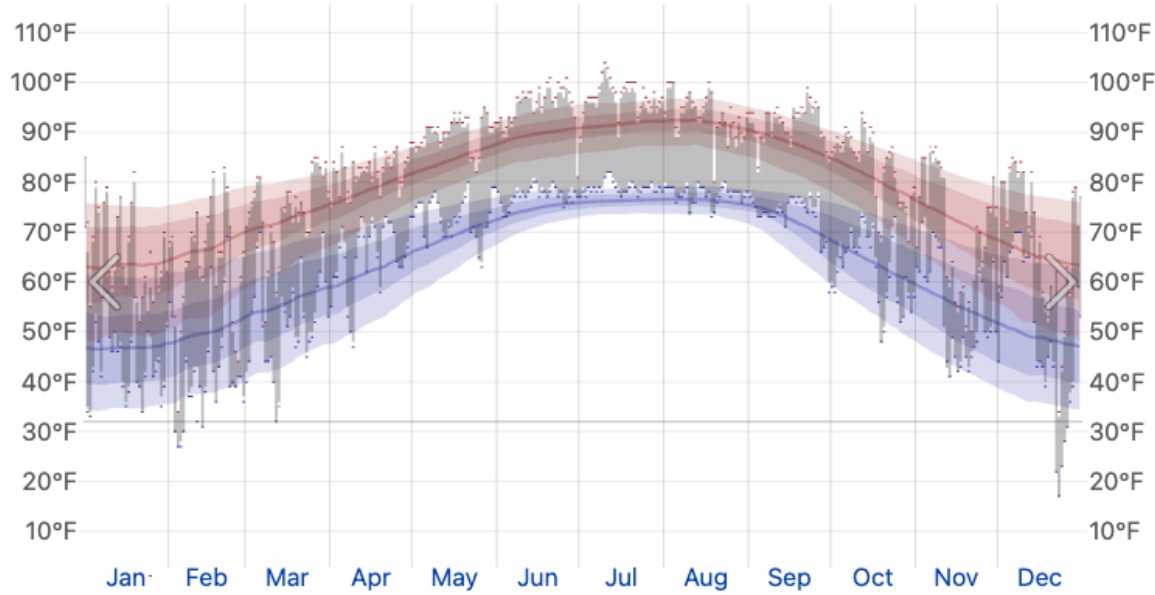


# Angleton Weather 2022-2023

## William P Hobby Airport Temperature History 2022

[Link](#) [Download](#) [Compare](#) [Averages](#)

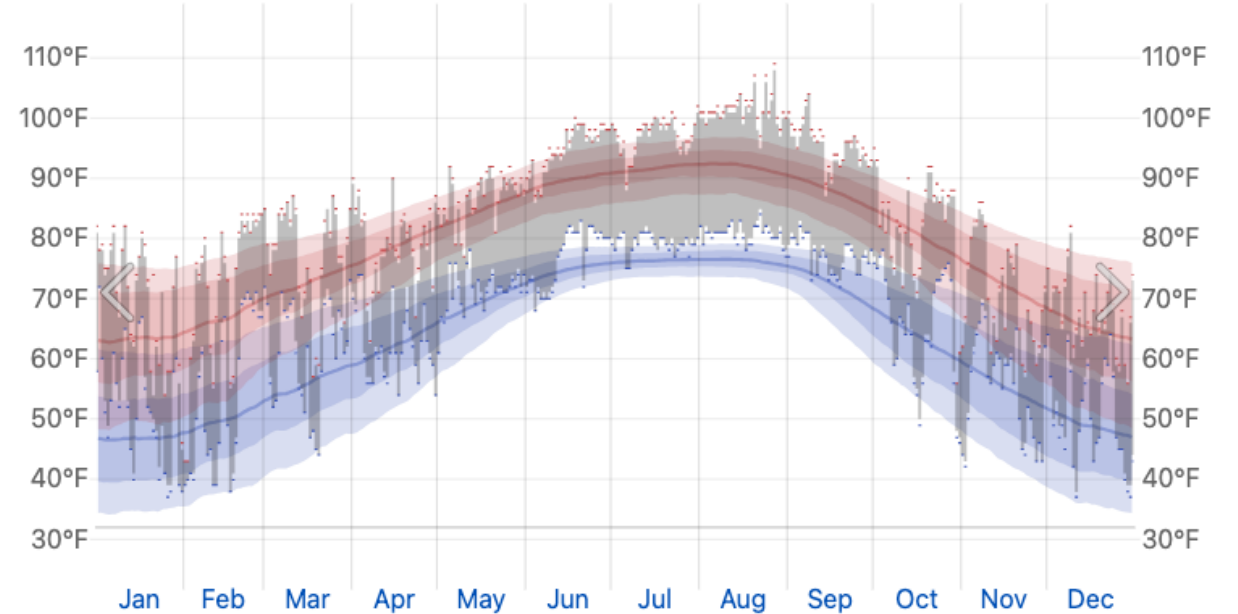
History: 2023 **2022** 2021 2020 2019 2018 2017 2016 2015



## William P Hobby Airport Temperature History 2023

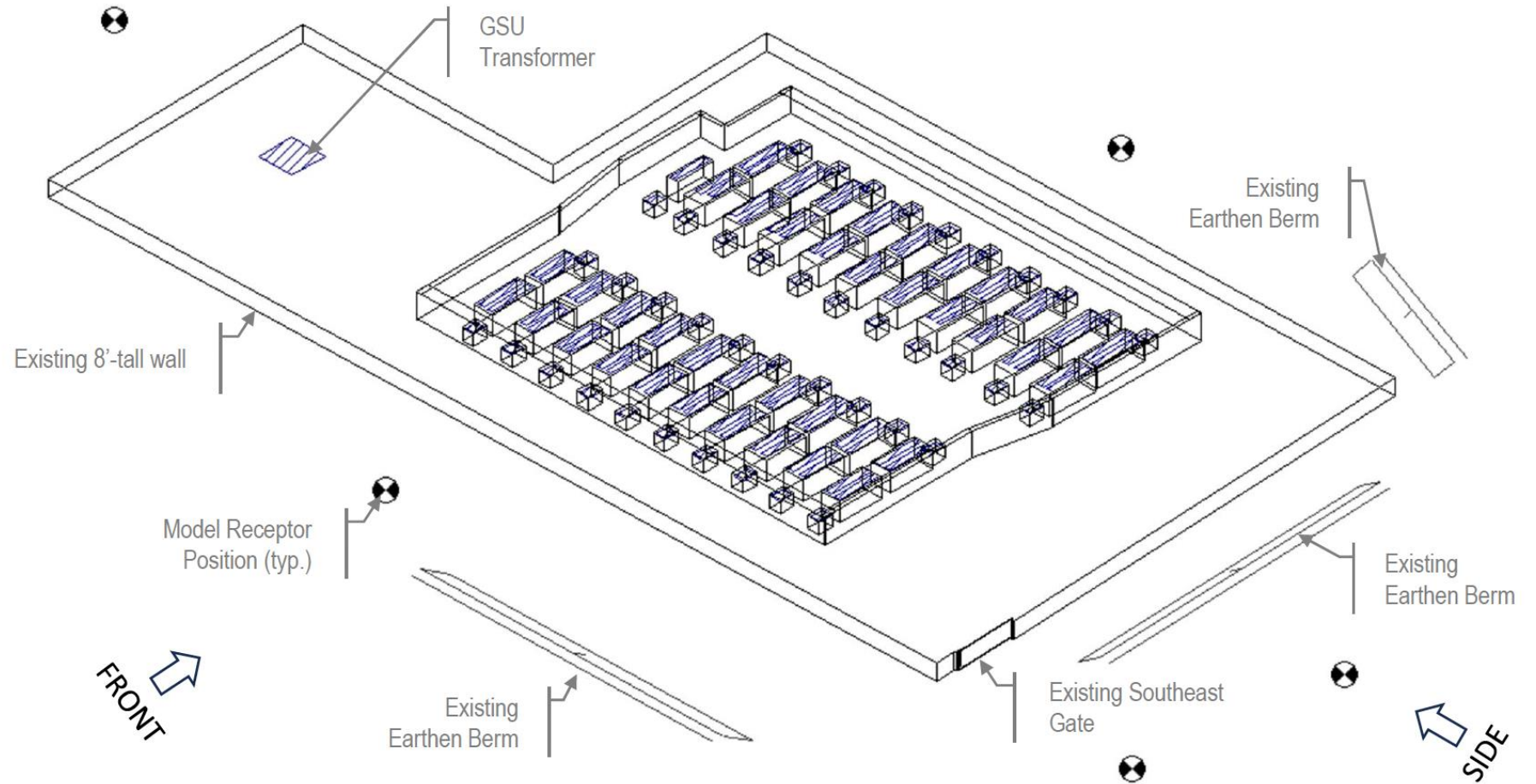
[Link](#) [Download](#) [Compare](#) [Averages](#)

History: 2024 **2023** 2022 2021 2020 2019 2018 2017 2016



*The daily range of reported temperatures (gray bars) and 24-hour highs (red ticks) and lows (blue ticks), placed over the daily average high (faint red line) and low (faint blue line) temperature, with 25th to 75th and 10th to 90th percentile bands.*

# Fence Layout



# Product Options



- Quilted Curtain Exterior Grade



- High density Acoustical Fence

# Proposed noise mitigation and compliance



- Noise requirements:
  - Acoustic-fence solution will meet SUP noise requirements (must be at minimum 18 feet to block sound)
- Fence:
  - The fence solution is similar to Angleton High School Baseball Field in terms of general look
  - Will request a variance to maximum 12 foot requirement

(8) Special purpose fencing, such as fencing around tennis courts, is allowed only upon issuance of a permit from the city. The maximum height of such fencing shall be 12 feet.



# Special Use Permit Requirements – we will meet these



- Noise requirements:

- (f) A sound study shall be conducted to determine the ambient noise level prior to the installation of the project. The sound level emitted from the energy storage park shall be no louder than the average ambient noise level prior to the installation of the project, as measured at 100 feet outside the parcel boundary and the nearest existing receptor.

- Fence:

- (d) The height of any structure, lighting, and container should be no greater than 10 feet from the foundations outside the project substation. One substation dead-end tower up to approximately 70 ft tall to interconnect with TNMP power line will be allowed with the project substation and all other equipment within the project substation shall be limited to 40ft

# Permitting requirements for "sound" fence



- Fence Permit (per communication from City 1/29/24) -- complete, sign and pay \$40 fee.



## FENCE PERMIT APPLICATION

Date received: \_\_\_\_\_ Date approved: \_\_\_\_\_ Permit #: \_\_\_\_\_

Address of project: \_\_\_\_\_

Owner Name: \_\_\_\_\_

Contractor: \_\_\_\_\_

Contractor Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Contractor e-mail: \_\_\_\_\_

Please provide specifications showing the location of the fence with property dimensions and distance from property lines.

- Other information or questions (compliance, notifications)?



Any Questions?

Thank You!

