TESLA

SUPERCHARGING STATION

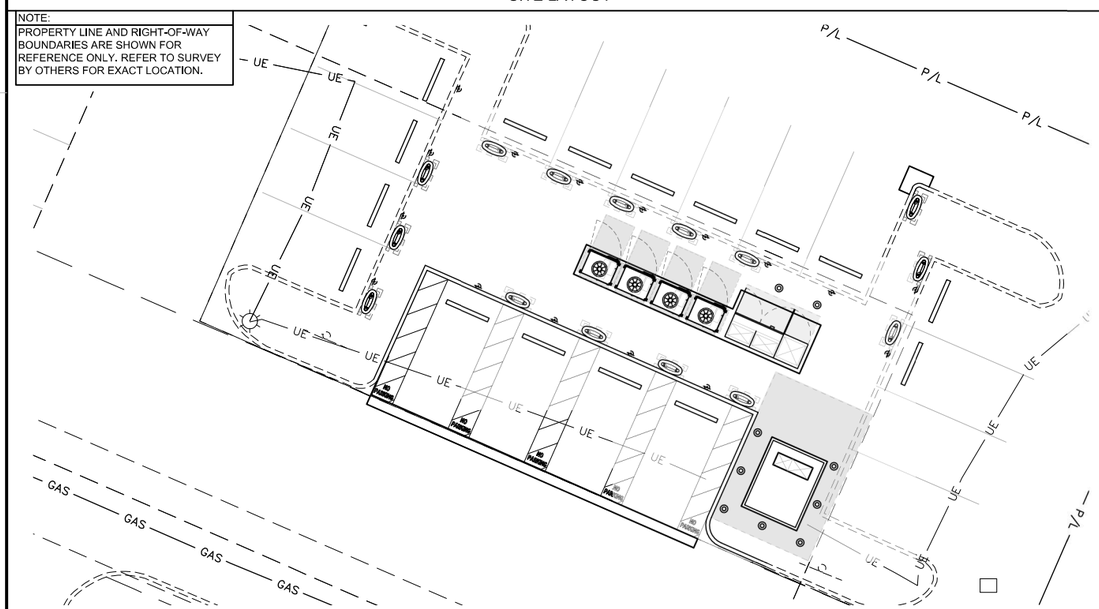
6626 TX-1604 LOOP (TESLA STATION)
SAN ANTONIO, TX 78250
TRT26988

GPD GROUP
Professional Corporation
520 South Main Street, Suite 2531
Akron, OH 44311
330.572.2100 Fax 330.572.2101

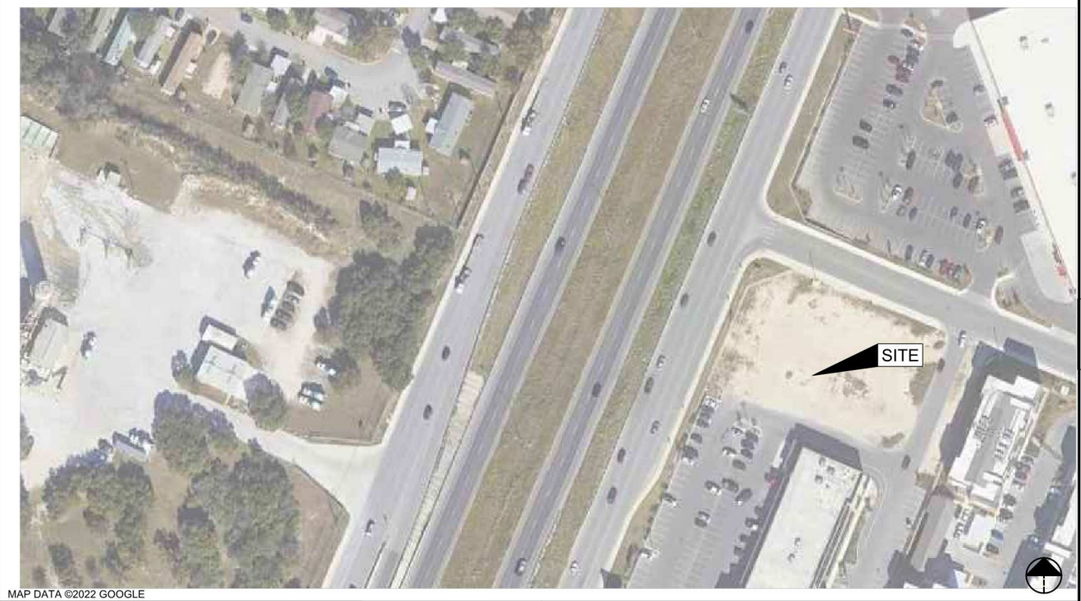
TESLA
3500 DEER CREEK RD.
PALO ALTO, CA 94304
(650) 681-5000

SITE LAYOUT

NOTE:
PROPERTY LINE AND RIGHT-OF-WAY BOUNDARIES ARE SHOWN FOR REFERENCE ONLY. REFER TO SURVEY BY OTHERS FOR EXACT LOCATION.



AERIAL MAP



MAP DATA ©2022 GOOGLE

SITE INFORMATION

ADDRESS:
6626 TX-1604 LOOP
(TESLA STATION)
SAN ANTONIO, TX 78250

POWER COMPANY:
CPS
CONTACT: BRIAN HARWOOD
(210) 254-8419

PROPERTY OWNER:
ABC CORP
CONTACT: JOHN DOE
(###) ###-####

EQUIPMENT SUPPLIER:
TESLA, INC.
3500 DEER CREEK ROAD
PALO ALTO, CA 94304
(650) 681-5000

LATITUDE (NAVD88)
N 29°30'13.39"
°29.50372

LONGITUDE (NAVD88)
W 98°41'57.62"
-98.69934°

PERMITTING JURISDICTION:
CITY OF SAN ANTONIO
CONTACT:

COUNTY:
BEXAR

GPD GROUP GLAUS, PYLE, SCHOMER, BURNS & DEHAVEN, INC. CONTACTS:

PROJECT MANAGER:
ZACHERY SHEETS, PE - OH# 77870
(330) 572-2148
ZSHEETS@GPDGROUP.COM

PROJECT COORDINATOR:
RICH VINEYARD
(216) 413-5953
RVINEYARD@GPDGROUP.COM

PERMIT COORDINATOR:
SARAH HONEYCUTT
(330) 572-3508
GPDCHARGEPERMITS@GPDGROUP.COM

UTILITY COORDINATOR
JACOB DAVIS
(330) 572-3546
JDAVIS@GPDGROUP.COM

FLOOD HAZARD AREA NOTE

THE SITE IS LOCATED IN FLOOD ZONE "X" (AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) PER FLOOD INSURANCE MAP NUMBER 29019C0260D, EFFECTIVE DATE - 03/17/2011.

APPLICABLE CODES

ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:

2018 INTERNATIONAL BUILDING CODE
2017 NATIONAL ELECTRICAL CODE
2012 TEXAS ACCESSIBILITY CODE

IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL.

Texas 811
811 or 800-344-8377

PROJECT DESCRIPTION

- INSTALL (4) V3 SUPERCHARGER CABINETS
- INSTALL (16) TESLA SUPERCHARGER POSTS
- INSTALL (1) SWITCHGEAR ASSEMBLY WITH INTEGRATED MASTER CONTROLLER
- INSTALL (1) UTILITY TRANSFORMER
- INSTALL (1) UTILITY METER

BEFORE SCALING & PLAN REPRODUCTION WARNING

CONTRACTORS SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND FIELD CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY TESLA IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

DESIGN LOADING

SNOW LOADS:	
GROUND SNOW LOAD (P_g)	20 PSF
LATERAL LOAD DESIGN DATA:	
WIND DESIGN DATA (ASCE 7-10):	
BASIC WIND SPEED (V_{ult}):	115 MPH
RISK CATEGORY	II
EXPOSURE CATEGORY	C
SEISMIC DESIGN DATA (ASCE 7-10):	
1.0 SEISMIC IMPORTANCE FACTOR (I)	1.0
RISK CATEGORY	II
SITE CLASS (ASSUMED)	D
MAPPED SPECTRAL RESPONSE	
SHORT PERIODS (Ss)	0.165
1 SEC. PERIODS (S_1)	0.092
SPECTRAL RESPONSE COEFF.	
SHORT PERIODS (S_{DS})	0.176
1 SEC. PERIODS (S_{D1})	0.147
SEISMIC DESIGN CATEGORY	C
FROST DEPTH:	50"

DRAWING INDEX

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–	TESLA DATASHEET

REFERENCED DOCUMENTS
SUPERCHARGER INSTALLATION MANUAL
SUPERCHARGER POST INSTALLATION MANUAL
UTILITY DESIGN DOCUMENTS
ELECTRICAL EQUIPMENT CUTSHEETS

REV.	DATE	DESCRIPTION
A	10/11/2022	ISSUED FOR SITE SKETCH REVIEW
B	10/18/2022	ISSUED FOR 90% REVIEW

NOT FOR CONSTRUCTION

TESLA SUPERCHARGER STATION
6626 TX-1604 LOOP
SAN ANTONIO, TX 78250

TITLE SHEET & PROJECT DATA

PROJECT MANAGER	DESIGNER
ZS	SMG

JOB NO.
2022141.98

T-1

Drawing Name: O:\2022\2022141\98 - TRT 26988 - San Antonio, TX - Culebra Commons\dwg\2022141.98 - San Antonio - Culebra Commons, TX - CD90.dwg
October 18, 2022 5:20 PM - RVineyard