

TESLA

SUPERCHARGER STATION

5820 EDGEWATER DR (TESLA SUPERCHARGER)
ORLANDO, FL 32810
TRT58919
STORE ID: 5164



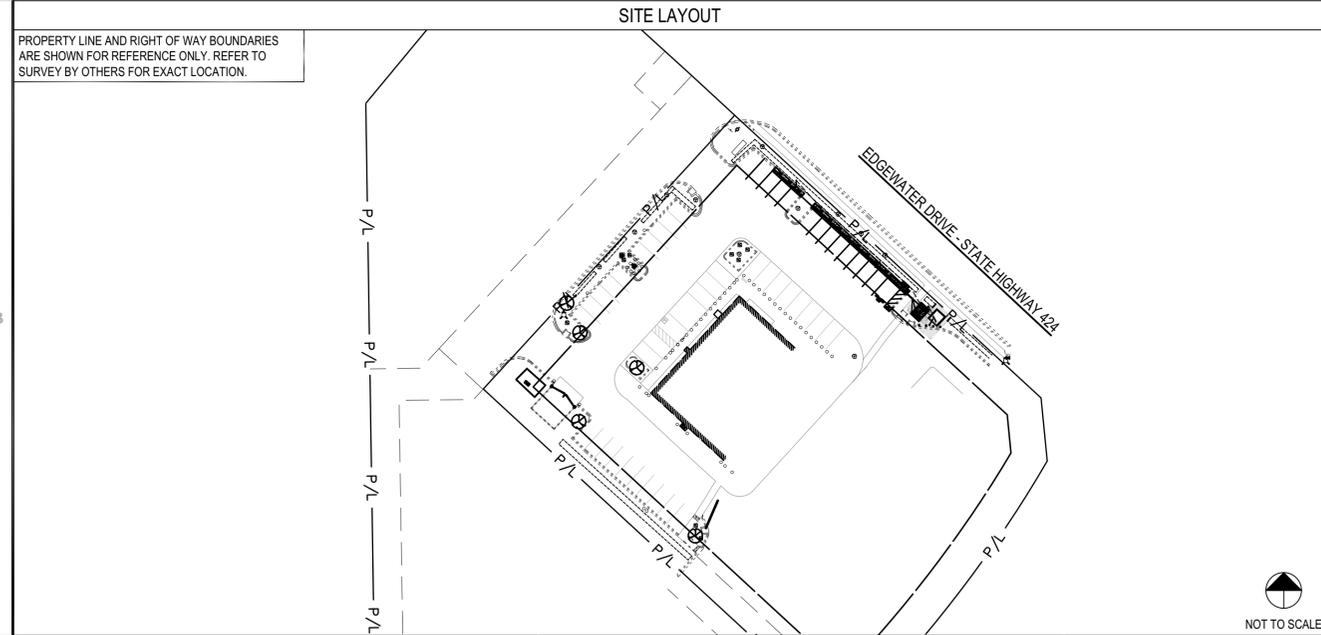
REV.	DATE	DESCRIPTION
A	04/14/2023	ISSUED FOR 50% REVIEW
B	06/15/2023	ISSUED FOR 80% REVIEW
C	06/29/2023	ISSUED FOR SIGN & SEAL

LEONARDO A. SFERRA
LICENSE No. 80859



Leonardo Sferra

Digitally signed by Leonardo Sferra
DN: cn=Leonardo Sferra, o=GPD Group, l=Akron, s=OH, c=US
Reason: I am the author of this document
Date: 2023.06.30 09:58:36-04'00'



SITE INFORMATION	
SITE ADDRESS 5820 EDGEWATER DR (TESLA SUPERCHARGER) ORLANDO, FL 32810	LATITUDE (NAV88) N 28°36'38.2" 28.610620°
APN 04-22-29-0000-00-075	LONGITUDE (NAV88) W 81°24'57.4" -81.415930°
COUNTY ORANGE	

PROJECT CONTACTS	
UTILITY COMPANY DUKE CONTACT: ALVIN ETHEREDGE ALVIN.ETHEREDGE@DUKE-ENERGY.COM	EOR CONTACTS: PROJECT MANAGER ISAAC MAHAM, PE - OH# 82452 (614) 588-8946 IMAHAM@GPDGROUP.COM
PROPERTY OWNER 5820 EDGEWATER, LLC CONTACT: JOHN G. BARTHELL	PROJECT COORDINATOR JADEN BEACHY, PE - OH# 88367 (330) 572-3643 JBEACHY@GPDGROUP.COM
TESLA INSTALLATION MANAGER CHRIS GARRISON CHGARRISON@TESLA.COM (321) 403-9937	PERMIT COORDINATOR BENJAMIN DALTON (614) 588-8851 GPDCHARGEPERMITS@GPDGROUP.COM
TESLA CONSTRUCTION MANAGER CHRIS GARRISON CHGARRISON@TESLA.COM (321) 403-9937	UTILITY COORDINATOR ERIC HIPPLEY (330) 564-2310 GPD.CHARGESITES.UC@GPDGROUP.COM
PERMITTING JURISDICTION CITY OF ORLANDO CONTACT: TBD	

APPLICABLE CODES
ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES: 2020 FLORIDA BUILDING CODE, 7TH EDITION (2018 IBC) 2017 NATIONAL ELECTRIC CODE IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL. AS USED HEREIN, IBC SHALL REFER TO INTERNATIONAL BUILDING CODE AND NEC SHALL REFER TO NATIONAL ELECTRIC CODE FDOT SPECIFICATIONS THE STANDARD SPECIFICATIONS OF THE STATE OF FL, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS SHALL GOVERN THIS IMPROVEMENT.
PROJECT DESCRIPTION
<ul style="list-style-type: none"> INSTALL (3) SUPERCHARGER CABINETS INSTALL (12) SUPERCHARGER POSTS INSTALL (1) SWITCHGEAR ASSEMBLY WITH INTEGRATED TESLA SITE CONTROLLER AND PRIMARY BROADCAST UNIT INSTALL (1) UTILITY TRANSFORMER, (1) METER, AND OTHER ASSOCIATED UTILITY EQUIPMENT INSTALL (1) SECONDARY BROADCAST UNIT
FLOOD HAZARD 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 12095C0235F, EFFECTIVE DATE - 09/25/2009.
PLAN REPRODUCTION WARNING
CONTRACTORS SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND FIELD CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY OWNER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

DESIGN LOADING	
LATERAL LOAD DESIGN DATA:	
WIND DESIGN DATA (ASCE 7-16):	
BASIC WIND SPEED (V _{ult})	135 MPH
RISK CATEGORY	II
EXPOSURE CATEGORY	C
SEISMIC DESIGN DATA (ASCE 7-16):	
1.0 SEISMIC IMPORTANCE FACTOR (I)	1.0
RISK CATEGORY	II
SITE CLASS (ASSUMED)	D
MAPPED SPECTRAL RESPONSE SHORT PERIODS (S _s)	0.062
1 SEC. PERIODS (S ₁)	0.034
SPECTRAL RESPONSE COEFF. SHORT PERIODS (S _{cs})	0.067
1 SEC. PERIODS (S _{cs})	0.054
SEISMIC DESIGN CATEGORY	A
FROST DEPTH	0"

SHEET INDEX	
CIVIL	SHEET TITLE
C-001	COVER SHEET
	ENGINEERING DESIGN SURVEY (BY OTHERS)
C-002	TESLA DATASHEET (FOR REFERENCE ONLY)
C-003	CIVIL CONSTRUCTION NOTES
C-101	EXISTING CONDITIONS AND DEMOLITION PLAN
C-111	CIVIL SITE PLAN
C-201	CIVIL DETAILS
C-202	CIVIL DETAILS
ELECTRICAL	
E-001	ELECTRICAL GENERAL NOTES
E-100	OVERALL ELECTRICAL SITE PLAN
E-101	ELECTRICAL SITE PLAN
E-201	SINGLE LINE DIAGRAM & PANEL SCHEDULE
E-301	ELECTRICAL DETAILS
E-401	DURALINE SPECIFICATIONS

TESLA SUPERCHARGER STATION
5820 EDGEWATER DR
ORLANDO, FL 32810

PROJECT MANAGER: IM
DESIGNER: KSB

JOB NO.: 2023141158
Approval Date: 06/29/2023
Division of Building Safety

Permit: 22904852
Date: 6/15/23
C-001

COVER SHEET

Drawing Name: O:\2023\2023141158 - TRT 58919 - Orlando, FL - Edgewater Dwg\2023141158 - ORLANDO, FL - EDGEWATER DR - CD 000.dwg
June 29, 2023 9:50 AM - kbell



*This file was signed electronically by L. Sferra on the date and/or time stamp shown using a digital signature. Printed copies of this are not considered signed and sealed and the signature must be verified on any electronic copy.

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

This Approval does not grant permission to violate any applicable code. Encroachment of any part of this improvement can result in a closure on the title of this property. Keep this plan on the job site at all times.