

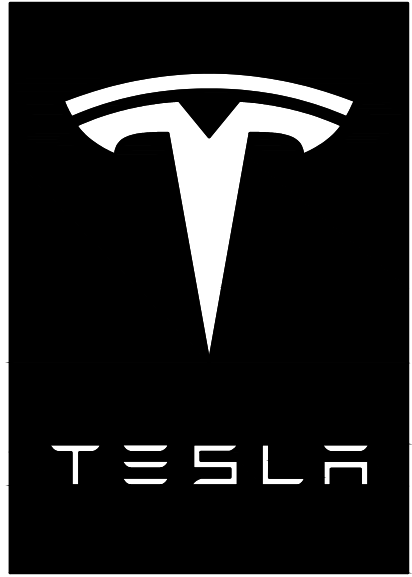
DEVELOPMENT PLANS FOR CHARGING STATIONS AT
GRANADA PD / PLAZA VENEZIA PSP / LOTS 2, 3 & 7 DP

7822 W. SAND LAKE RD (TESLA STATION)
ORLANDO, FL 32819

PARCEL: 28-23-35-7177-00-010

CASE NO: CDR-21-07-225

TESLA
CHARGING STATION



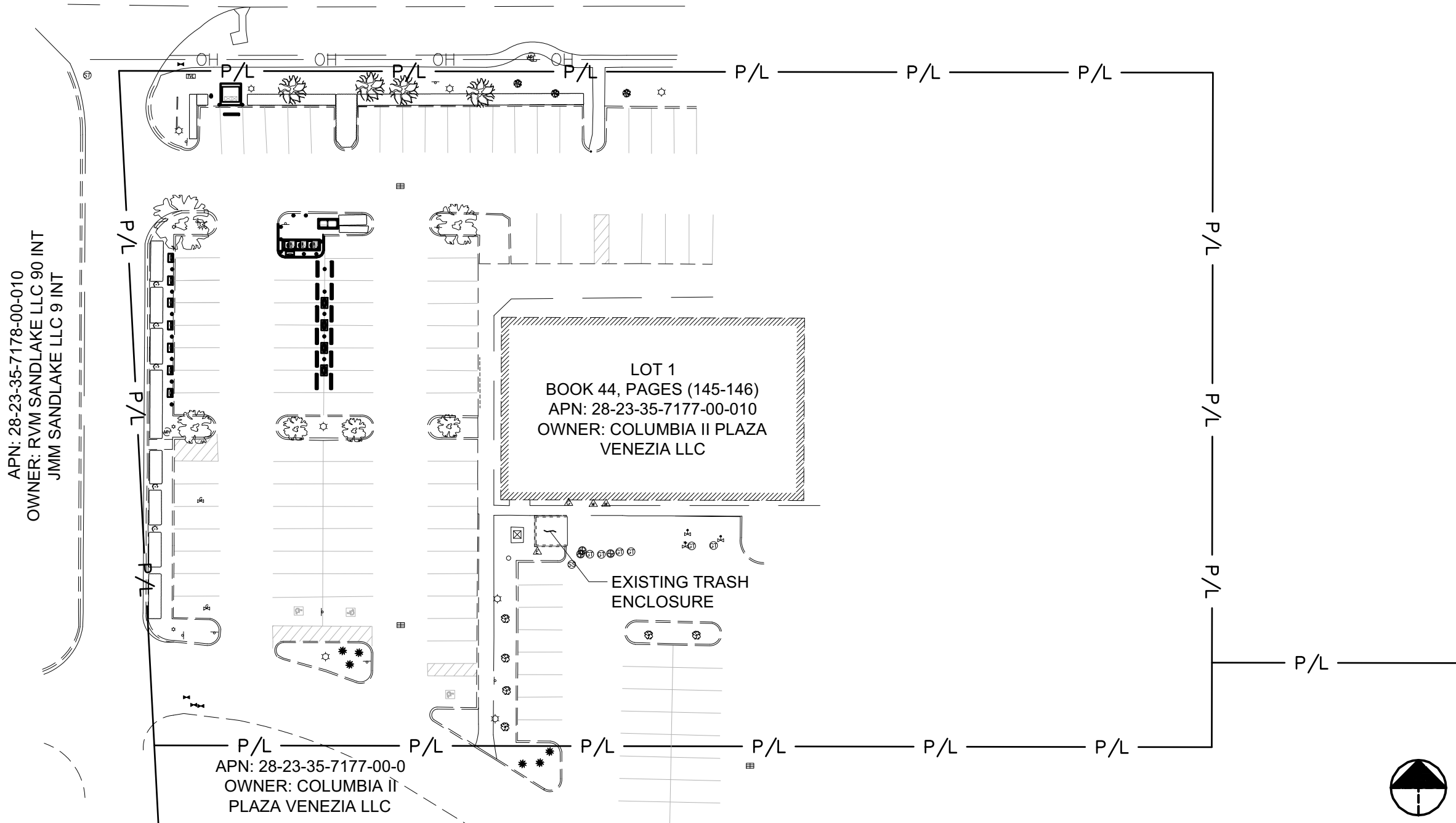
ANY AND ALL SIGNAGE DEPICTED WITHIN THESE DRAWINGS ARE SCHEMATIC IN NATURE. ANY APPROVAL RECEIVED FOR THIS BUILDING PERMIT DOES NOT CONSTITUTE APPROVAL FOR THE CONSTRUCTION OF ANY SIGN/SIGN STRUCTURE COVERED WITHIN ORANGE COUNTY CODE 31.5. SIGNAGE MUST COMPLY WITH ORANGE COUNTY CODE SECTION 31.5 OR ANY APPLICABLE APPROVED SIGN PLAN. ALL PROPOSED SIGNAGE, INCLUDING SIGNAGE STRUCTURES, ARE REQUIRED TO SUBMIT A SEPARATE APPLICATION AND SHALL BE PROCESSED FOR REVIEW BY ZONING, BUILDING, AND DEVELOPMENT ENGINEERING.

GPD GROUP, INC.
LIC. # - 30920
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.



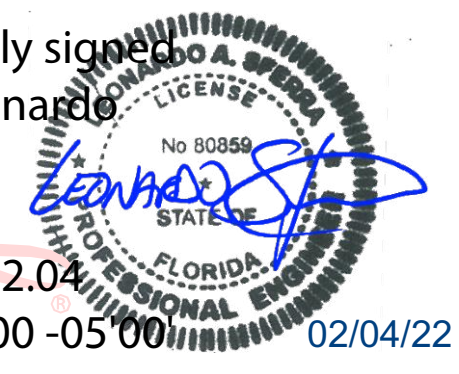
AERIAL MAP



LEONARDO A. SFERRA
LICENSE No. 80859

| REV | DATE | DESCRIPTION |
|-----|----------|-------------------------|
| A | 04.21.21 | ISSUED FOR 50% REVIEW |
| B | 05.11.21 | SIGNED & SEALED |
| 1 | 11.29.21 | CITY LANDSCAPE COMMENTS |
| | | |
| | | |
| | | |
| | | |
| | | |

Digitally signed by Leonardo Sferro Date: 2022.02.04 10:03:00 -05'00' 02/04/22



SITE INFORMATION

ADDRESS:
7822 W. SAND LAKE RD
(TESLA STATION)
ORLANDO, FL 32819

POWER COMPANY:
DUKE ENERGY
CONTACT: ALVIN ETHRIDGE
(336) 500-1527

PROPERTY OWNER:
COLUMBIA II PLAZA VENEZIA LLC
CONTACT: MARK PETERNELL
(303) 300-5331

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

GPD GROUP, INC. LIC# - 30920 CONTACTS:

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

PROJECT COORDINATOR:
TROY EVESLAGE, PE - IN# PE11500164
(317) 295-3179
TEVESLAGE@GPDGROUP.COM

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

LATITUDE (NAVD88)
N 28°26'58.59"
28.449608°

LONGITUDE (NAVD88)
W 81°29'24.23"
-81.490012°

PERMITTING JURISDICTION:
ORANGE COUNTY
CONTACT: ANOCH WHITFIELD
CHIEF PLANNER
ANOCH.WHITFIELD@OCFL.NET
(407) 836-9620

COUNTY:
ORANGE

APPLICABLE CODES

ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:
2020 FLORIDA BUILDING CODE, 7TH EDITION
2017 NATIONAL ELECTRICAL CODE
IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL.

PROJECT DESCRIPTION

- INSTALL (3) V3 SUPERCHARGER CABINETS
- INSTALL (12) V3 CHARGING POSTS
- INSTALL (1) SWITCHGEAR ASSEMBLY W/ INTEGRATED MASTER CONTROLLER
- INSTALL (1) UTILITY TRANSFORMER
- INSTALL (1) UTILITY METER ON CONCRETE POST
- PROJECT SQUARE FOOTAGE: 918 SF

SITE DATA

PARKING SPACE CALCULATIONS
LOT 2, 3, & 7 AREA 93,280 SF[†]
PARKING SPACES REQUIRED (93,280 SF/1000)*5 = 469[†]
PARKING SPACES PROVIDED 591*
PARKING STALLS REMAINING AFTER TESLA IMPROVEMENTS 590

*NOTE: PARKING SPACES PROVIDED AND PARKING SPACES USED FOR OFFICE ARE SOURCED FROM SHEET DP-1 - PLAZA VENEZIA DEVELOPEMENT PLANS BY PROFESSIONAL ENGINEERING CONSULTANTS, INC DATED 11-15-1999, WITH MOST RECENT ANNOTATION ON 01-08-2009.

*NOTE: PARKING SPACE CALCULATIONS ARE SOURCED FROM SHEET CV - DEVELOPMENT PLANS FOR GRANADA PD / PLAZA VENEZIA PSP / LOTS 2, 3 & 7 DP

DESIGN CRITERIA

LATERAL LOAD DESIGN DATA:
WIND DESIGN DATA (ASCE 7-16):

BASIC WIND SPEED (V_{ult}): 135 MPH
BASIC WIND SPEED (V_{std}): 105 MPH
IMPORTANCE FACTOR 1.0
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) 0.061
1 SEC. PERIODS (S_1) 0.033

SPECTRAL RESPONSE COEFF.
SHORT PERIODS (S_{DS}) 0.065
1 SEC. PERIODS (S_{D1}) 0.053

SEISMIC DESIGN CATEGORY A

FROST DEPTH 0"

BEFORE SCALING & PLAN REPRODUCTION WARNING

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

DRAWING INDEX

| | |
|---------------------------------------|---|
| T-1 | TITLE SHEET & PROJECT DATA |
| C-0 | ENGINEERING DESIGN SURVEY |
| C-0.1 | MASTER DEVELOPMENT PLAN |
| C-0.1 | MASTER DEVELOPMENT PLAN EXTERIOR ELEVATIONS (PREVIOUS DP) |
| CIVIL | SHEET TITLE |
| GN-1 | GENERAL NOTES |
| C-1 | DEMOLITION PLAN |
| C-2 | SITE PLAN |
| C-3 | CIVIL DETAILS |
| C-4 | CIVIL DETAILS |
| LANDSCAPING | SHEET TITLE |
| L3.11 | LANDSCAPE PLAN (BY OTHERS) |
| L3.12 | LANDSCAPE & IRRIGATION PLAN (BY OTHERS) |
| ELECTRICAL | SHEET TITLE |
| EN-1 | ELECTRICAL GENERAL NOTES |
| E-1 | ELECTRICAL EQUIPMENT PLAN |
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| REFERENCED DOCUMENTS | |
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| SUPERCHARGER INSTALLATION MANUAL | |
| SUPERCHARGER POST INSTALLATION MANUAL | |
| TOPOGRAPHIC SURVEY | |
| UTILITY DESIGN DOCUMENTS | |
| ELECTRICAL EQUIPMENT CUTSHEETS | |

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

7822 W. SAND LAKE RD
(TESLA STATION)
ORLANDO, FL 32819

TITLE SHEET &
PROJECT DATA

| | |
|--------------|-----|
| ISSUED FOR: | |
| PERMIT | xxx |
| BID | xxx |
| CONSTRUCTION | xxx |
| RECORD | xxx |

| | |
|-----------------|----------|
| INSTALLMANAGER | DESIGNER |
| DAVID HERNANDEZ | JDP |

JOB NO.
2020141.58

Approved Plans
Orange County
Division of Building Safety
221902811
T-1