

# MAGNOLIA SQUARE APARTMENTS



## SUPERCHARGING STATION

5934 PREMIER WAY (TESLA STATION)  
NAPLES, FL 34109  
TRT33866



THESE CONSTRUCTION PLANS CONSTITUTE AN INSUBSTANTIAL CHANGE TO SDPA 20180003378

SITE LAYOUT

AERIAL MAP

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



REV.	DATE	DESCRIPTION
A	10/12/22	ISSUED FOR 80% REVIEW
B	11/17/22	ISSUED FOR SIGN & SEAL
C	2/17/23	REVISED S&S PER 2/17/23 AHJ COMMENTS

LEONARDO A. SFERRA  
LICENSE No. 80859



02/17/23

**SITE INFORMATION**

**ADDRESS:**  
5934 PREMIER WAY  
(TESLA STATION)  
NAPLES, FL 34109

**POWER COMPANY:**  
FPL  
CONTACT: MEGAN BAILEY  
(954) 956-2017

**PROPERTY OWNER:**  
T.B.D.  
CONTACT: FIORENZO BRESOLIN  
(561) 307-3130

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

**LATITUDE (NAVD88)**  
N 26°12'46.31"  
26.029253°

**LONGITUDE (NAVD88)**  
W 81°47'25.48"  
-81.790411°

**PERMITTING JURISDICTION:**  
CITY OF NAPLES  
295 RIVERSIDE CIR.  
NAPLES, FL 34102  
CONTACT: THRESA TODD  
(239) 213-5020

**COUNTY:**  
COLLIER

**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.

**Sunshine 811**

**Sunshine 811**  
811 or 800-432-4770

**DESIGN LOADING**

**SNOW LOADS:**  
GROUND SNOW LOAD ( $P_g$ ) 0 PSF

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

BASIC WIND SPEED ( $V_{ult}$ ): 163 MPH  
RISK CATEGORY II  
EXPOSURE CATEGORY C

SEISMIC DESIGN DATA (ASCE 7-16):  
1.0 SEISMIC IMPORTANCE FACTOR (I) II  
RISK CATEGORY II  
SITE CLASS (ASSUMED) D  
MAPPED SPECTRAL RESPONSE SHORT PERIODS ( $S_s$ ) 0.044  
1 SEC. PERIODS ( $S_1$ ) 0.022  
SPECTRAL RESPONSE COEFF. SHORT PERIODS ( $S_{ps}$ ) 0.047  
1 SEC. PERIODS ( $S_{p1}$ ) 0.035

SEISMIC DESIGN CATEGORY A

FROST DEPTH: 0"

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**PROJECT DESCRIPTION**

- INSTALL (3) V3 SUPERCHARGER CABINETS
- INSTALL (12) TESLA SUPERCHARGER POSTS
- INSTALL (1) SWITCHGEAR ASSEMBLY W/ INTEGRATED MASTER CONTROLLER
- INSTALL (1) UTILITY TRANSFORMER
- INSTALL (1) METER H-FRAME

LEGAL DESCRIPTION:  
MAGNOLIA SQUARE OF NAPLES TRACT 1  
PARCEL ID:  
56339011167  
ZONING DESIGNATION:  
PINE RIDGE COMMONS PUD -99-24

**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.

THE APPROVAL OF THESE CONSTRUCTION PLANS DOES NOT AUTHORIZE CONSTRUCTION OF REQUIRED IMPROVEMENTS WHICH ARE INCONSISTENT WITH EASEMENT OF RECORD.

**FLOOD HAZARD AREA NOTE**

THE SITE IS LOCATED IN FLOOD ZONE "X" (AREA OF MINIMAL HAZARD) PER FLOOD INSURANCE MAP NUMBER 12021C0383H, EFFECTIVE DATE - 05/16/2012.

MAGNOLIA SQUARE APARTMENTS  
TESLA SUPERCHARGER STATION  
5934 PREMIER WAY  
NAPLES, FL 34109

TITLE SHEET & PROJECT DATA

PROJECT MANAGER	DESIGNER
ZS	KSB

JOB NO.  
2022141.65

T-1

GOVERNING BUILDING CODE

GOVERNING BUILDING CODE: 2020 FLORIDA BUILDING CODE, 7TH EDITION

GENERAL CONSTRUCTION NOTES

- 1. ALL WORK SHALL COMPLY WITH ALL STATE AND LOCAL CODES AND ANY OTHER REGULATING AUTHORITIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK.
2. PRIOR TO COMMENCEMENT OF ANY WORK, THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND NOTIFY THE DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE FROM TESLA OF ANY DISCREPANCIES.
3. CONTRACTOR INITIATED CHANGES SHALL BE SUBMITTED IN WRITING TO TESLA FOR APPROVAL BEFORE MAKING ANY CHANGES.
4. ALL EQUIPMENT SHALL BE MOUNTED AS SHOWN, WHERE DETAILS ARE NOT PROVIDED, CONTRACTOR SHALL USE BEST CONSTRUCTION PRACTICES.
5. ALL SURFACES SHALL BE PATCHED AND PAINTED AROUND NEW DEVICES AND EQUIPMENT TO MATCH EXISTING FINISHES.
6. ANY METAL SHAVINGS FROM SITE WORK SHALL BE CLEANED FROM ALL SURFACES WHERE OXIDIZED OR CONDUCTIVE METAL SHAVINGS MAY CAUSE RUST, ELECTRICAL SHORT CIRCUITS, OR OTHER DAMAGE.
7. APPROVALS FROM BUILDING INSPECTORS SHALL NOT CONSTITUTE AUTHORITY TO DEVIATE FROM THE DRAWINGS.
8. NEW PAVEMENT INSTALLED AS PART OF THIS PROJECT SHALL MATCH EXISTING PAVEMENT SECTION. EXISTING PAVEMENT DEPTHS SHALL BE MAINTAINED.
9. THE TOPOGRAPHIC SURVEY BY STANTEC, DATED 10/21/21 SHALL BE CONSIDERED PART OF THESE PLANS. THE G.C. IS RESPONSIBLE FOR LOCATING EXISTING CONDITION IMPROVEMENTS PER THESE PLANS.
10. THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THE PLAN ARE BASED ON FIELD SURVEYS. DUE TO THE LIMITATIONS IN TECHNOLOGY AND GROUND CONDITIONS, NOT ALL UNDERGROUND UTILITIES ARE ABLE TO BE LOCATED.
11. ALL PROPERTY LINES, RIGHT OF WAYS, CENTERLINES, DIMENSIONS, GRADES, AND UTILITY LOCATIONS SHOWN ON THESE PLANS WERE BASED ON A TOPOGRAPHIC SURVEY.
12. THE GENERAL CONTRACTOR SHALL VISIT THE SITE AND SHALL FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK.
13. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND FEDERAL, STATE AND LOCAL JURISDICTION CODES, ORDINANCES AND APPLICABLE REGULATIONS.
14. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
15. PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED.
16. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
17. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY TESLA PRIOR TO PROCEEDING.
18. THE GENERAL CONTRACTOR SHALL COORDINATE WORK AND SCHEDULE WORK ACTIVITIES WITH OTHER DISCIPLINES.
19. CONSTRUCTION SHALL BE DONE IN A WORKMANLIKE MANNER BY COMPETENT EXPERIENCED WORKMAN IN ACCORDANCE WITH APPLICABLE CODES AND THE BEST ACCEPTED PRACTICE.
20. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
21. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES SHALL BE PROTECTED AT ALL TIMES.
22. INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM SITE VISITS AND/OR DRAWINGS PROVIDED BY THE SITE OWNER. CONTRACTORS SHALL NOTIFY TESLA OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
23. FIELD TESTING OF EARTHWORK COMPACTION AND CONCRETE CYLINDERS SHALL BE PERFORMED BY AN INDEPENDENT TESTING LAB. THIS WORK TO BE COORDINATED BY THE CONTRACTOR.
24. PROVIDE EROSION CONTROL MEASURES IN ACCORDANCE WITH STATE DOT, LOCAL PERMITTING AGENCY AND EPA REQUIREMENTS.
25. PROVIDE AND MAINTAIN ALL TEMPORARY FENCING, BARRICADES, WARNING SIGNALS AND SIMILAR DEVICES NECESSARY TO PROTECT AGAINST THEFT FROM PROPERTY DURING THE ENTIRE PERIOD OF CONSTRUCTION. REMOVE ALL SUCH DEVICES UPON COMPLETION OF THE WORK.
26. EXISTING UTILITIES: DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED BY THE OWNER OR OTHERS, EXCEPT WHEN PERMITTED IN WRITING FROM TESLA.

27. GRANULAR BACKFILL: SHALL MEET THE FOLLOWING GRADATION PER THE TABLE BELOW:

Table with 2 columns: SIEVE SIZE, TOTAL PERCENT PASSING. Rows include 1 1/2 INCH (37.5 MM), 1 INCH (25.0 MM), 3/4 INCH (19.00 MM), 3/8 INCH (9.5 MM), NO. 4 (4.75 MM), NO. 30 (0.600 MM), NO. 200 (0.75 MM).

- 28. GRANULAR BEDDING AND TRENCH BACKFILL: WELL-GRADED SAND MEETING THE GRADATION REQUIREMENTS OF ASTM D2487 (SW-SM).
29. UNSUITABLE MATERIAL: HIGH AND MODERATELY PLASTICS SILTS AND CLAYS (LL>45). MATERIAL CONTAINING REFUSE, FROZEN LUMPS, DEMOLISHED BITUMINOUS MATERIAL, VEGETATIVE MATTER, WOOD, STONES IN EXCESS OF 3 INCHES IN ANY DIMENSION, AND DEBRIS AS DETERMINED BY THE CONSTRUCTION MANAGER.
30. BEFORE STARTING GENERAL SITE PREPARATION ACTIVITIES, INSTALL EROSION AND SEDIMENT CONTROL MEASURES PER APPLICABLE PLAN PREPARED BY CONTRACTOR.
31. PERFORM ALL GRADING TO PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURES AND SMOOTH, EVEN SURFACE DRAINAGE OF THE ENTIRE AREA WITHIN THE LIMITS OF CONSTRUCTION.
32. THE SURFACE WATER MANAGEMENT SYSTEM SHALL BE MAINTAINED BY THE PINE RIDGE CROSSINGS OPERATION AND EASEMENT AGREEMENT (OEA).
33. PROPERTY OWNERS ASSOCIATION SHALL MAINTAIN ALL COMMON AREAS, OPEN SPACE, PRIVATE STREETS, AND EASEMENTS.
34. THE SURFACE WATER MANAGEMENT SYSTEM SHALL BE MAINTAINED BY THE PINE RIDGE PROPERTY OWNERS ASSOCIATION SHALL MAINTAIN ALL COMMON AREAS, OPEN SPACE, PRIVATE STREETS, AND EASEMENTS.

GENERAL FOUNDATION NOTES

- 1. DETERMINATION OF FINAL BEARING ELEVATIONS, TOPSOIL AND EXCAVATION STRIPPING DEPTH, INSPECTION OF ALL SUBSOIL EXPOSED DURING STRIPPING, SITE GRADING, EXCAVATION OPERATIONS, APPROVAL OF FILL MATERIALS, DENSITY TESTING OF FILLS TO ENSURE PLACEMENT PER SPECIFICATION REQUIREMENTS.
2. ALL FOUNDATIONS ARE TO REST ON FIRM UNDISTURBED SOIL OR COMPACTED FILL FREE FROM ORGANIC MATTER.
3. CONTRACTOR SHALL COMPACT SUBGRADE. SEE FROST/NO FROST DESIGN NOTES THIS SHEET.
4. FOUNDATIONS HAVE BEEN DESIGNED BASED ON AN ASSUMED ALLOWABLE SOIL BEARING CAPACITY OF 1500 PSF UNLESS NOTED OTHERWISE.
5. NEW FOOTINGS PLACED ADJACENT TO EXISTING FOOTINGS SHALL BEAR AT THE SAME ELEVATION, UNLESS NOTED OTHERWISE.
6. STEP FOOTINGS AT A RATIO OF ONE (1) VERTICAL TO TWO (2) HORIZONTAL WITH A MAXIMUM VERTICAL STEP OF 2'-0" UNLESS NOTED OTHERWISE.
7. UNDINATION AND LONG TERM EXPOSURE OF BEARING SURFACES, WHICH WILL RESULT IN DEGRADATION OF BEARING FORMATIONS, SHALL BE PREVENTED.
8. UTILITY LINES SHALL NOT BE PLACED THROUGH OR BELOW FOUNDATIONS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.
9. GROUNDWATER ASSUMED TO BE BELOW EXCAVATION DEPTH.
10. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING PUBLIC AND PRIVATE UTILITIES PRIOR TO EXCAVATION.

CONCRETE

- 1. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 301-10, "STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE" AND ACI 302, 305 AND 306 UNLESS NOTED OTHERWISE.
2. ALL DETAILING, FABRICATION AND PLACING OF CONCRETE SHALL CONFORM TO ACI 318-14, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND THE LATEST ACI "MANUAL OF STANDARD PRACTICE FOR DETAIL REINFORCED CONCRETE STRUCTURES" UNLESS NOTED OTHERWISE.
3. SAFETY AND PERFORMANCE OF THE STRUCTURE ARE THE RESPONSIBILITY OF THE CONTRACTOR INSOFAR AS THEY ARE AFFECTED BY THE LOCATION AND DETAILS OF CONSTRUCTION JOINTS.
4. MAXIMUM SIZE OF AGGREGATE SHALL NOT EXCEED SIZE SUITABLE FOR INSTALLATION METHOD UTILIZED OR 1/3 CLEAR DISTANCE BEHIND OR BETWEEN REINFORCING.
5. ALL CONCRETE UNLESS NOTED OTHERWISE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS AS FOLLOWS: ALL CONCRETE - 4500 PSI.
6. REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.

- 7. WELDED WIRE FABRIC REINFORCING SHALL CONFORM TO ASTM A1064 AND BE FURNISHED IN FLAT SHEETS AND INSTALLED ON CHAIRS OR PRECAST CONCRETE BLOCKS.
8. NO TACK WELDING OF REINFORCING IN THE FIELD IS PERMITTED.
9. PROVIDE CORNER BARS AT ALL LOCATIONS WHERE REINFORCEMENT CHANGES DIRECTION.
10. PROVIDE STRAIGHT AND DIAGONAL BARS AT EDGES OF ALL OPENINGS.
11. REINFORCING EMBEDMENT AND LAP SPLICES (INCHES) FOR 4500 PSI CONCRETE
OTHER TOP\* ANCHORAGE SPLICE ANCHORAGE SPLICE
# 3 15 19 24
# 4 19 25 33
# 5 24 31 41
# 6 29 37 49
\* HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE BELOW BAR
12. NON-SHRINK GROUT SHALL MEET A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 6000 PSI.

CHARGING CABINET PRE-FABRICATED ASSEMBLY FOUNDATION & ALL CHARGING POST FOUNDATIONS - FROST DESIGN NOTES (BOTTOM OF FOUNDATION ABOVE FROST LEVEL):

- 1. CONCRETE FOUNDATIONS SHOULD BEAR DIRECTLY ON A PROPERLY COMPACTED FREE-DRAINING GRANULAR FILL CONSISTING OF NO. 57 STONE OR AN APPROVED EQUIVALENT.
2. GRANULAR FILL SHOULD EXTEND VERTICALLY TO THE MINIMUM RECOMMENDED REGIONAL FROST DEPTH AND LATERALLY 2/3D FROM THE FOUNDATION PERIMETER.
3. GEOTEXTILE (FILTER FABRIC) SHOULD BE PLACED BETWEEN THE GRANULAR BACKFILL AND COHESIVE SOILS TO PRECLUDE THE INFILTRATION OF FINES.
SEPARATION GEOTEXTILE: WOVEN GEOTEXTILE FABRIC, MANUFACTURED FOR SEPARATION APPLICATIONS, MADE FROM POLYOLEFINS OR POLYESTERS; WITH ELONGATION LESS THAN 50 PERCENT; COMPLYING WITH AASHTO M 288 AND THE FOLLOWING, MEASURED PER TEST METHODS REFERENCED: SURVIVABILITY: CLASS 2; AASHTO M 288. GRAB TENSILE STRENGTH: 247 LBF (1100 N); ASTM D 4632. SEWN SEAM STRENGTH: 222 LBF (990 N); ASTM D 4632. TEAR STRENGTH: 90 LBF (400 N); ASTM D 4533. PUNCTURE STRENGTH: 90 LBF (400 N); ASTM D 4833. APPARENT OPENING SIZE: NO. 60 (0.250-MM) SIEVE, MAXIMUM; ASTM D 4751. PERMITTIVITY: 0.02 PER SECOND, MINIMUM; ASTM D 4491. UV STABILITY: 50 PERCENT AFTER 500 HOURS' EXPOSURE; ASTM D 4355.

CHARGING CABINET PRE-FABRICATED ASSEMBLY FOUNDATION & ALL CHARGING POST FOUNDATIONS - NO FROST DESIGN NOTES (BOTTOM OF FOUNDATION BELOW FROST LEVEL)

- 1. CONCRETE FOUNDATIONS SHOULD BE SUPPORTED ON A 6 INCH COMPACTED LAYER OF APPROVED FREE-DRAINING GRANULAR MATERIAL.
2. APPROVED MATERIAL SHOULD BE COMPACTED OVER THE FULL WIDTH OF THE INFILL AREA UNTIL VISIBLE DEFORMATION OF THE BACKFILL CEASES.

STRUCTURAL STEEL

MATERIAL PROPERTIES: PLATE: ASTM A36 UNO PIPE: ASTM A53, TYPE E OR S, GRADE B (Fy = 35 KSI) TUBE: ASTM A1085 GRADE A (Fy = 50 KSI)

- 1. DETAILING, FABRICATION, AND ERECTION SHALL CONFORM TO THE 2016 AISC (360-16) SPECIFICATIONS.
2. ALL WELDING SHALL BE DONE USING E-70XX ELECTRODES IN ACCORDANCE WITH AWS D1.1 SPECIFICATIONS.
3. FIELD VERIFY ALL CONDITIONS AT AND CONNECTIONS TO THE EXISTING CONSTRUCTION BEFORE FABRICATION.
4. ALL EXPOSED STRUCTURAL STEEL, ANCHOR RODS AND BOLTS SHALL BE HOT DIP GALVANIZED PER ASTM A123.
5. UNLESS NOTED OTHERWISE ON THE DRAWING, ALL ANCHOR RODS SHALL CONFORM TO ASTM F1554 Gr 55 WITH HEAVY HEXAGONAL NUT.
6. SUBMIT FABRICATION AND ERECTION DRAWINGS SHOWING ALL DETAILS, CONNECTIONS, MATERIAL DESIGNATIONS, AND TOP STEEL ELEVATIONS FOR APPROVAL.

TRAFFIC CONTROL NOTES

- 1. DURING THE CONSTRUCTION PERIOD; SIDEWALKS, SHOULDERS, TRAVEL LANE(S) OR STREETS MAY HAVE TO BE TEMPORARILY CLOSED OR RESTRICTED FOR THE UNLOADING / LOADING OF EQUIPMENT OR AS A RESULT OF CONSTRUCTION ACTIVITIES THEMSELVES.
2. THE CONTRACTOR SHALL MAINTAIN SAFE AND SATISFACTORY ACCESS TO ALL ABUTTING PROPERTIES AND INTERSECTING STREET AT ALL TIMES DURING THE CONSTRUCTION OF THE IMPROVEMENTS ANTICIPATED.

SPECIAL INSPECTIONS

- 1. TESLA SHALL BE RESPONSIBLE FOR SCHEDULING AND OVERSEEING OF ALL SPECIAL INSPECTIONS REQUIRED BY THE AUTHORITY HAVING JURISDICTION. SPECIAL INSPECTIONS MUST BE COMPLETED PRIOR TO FINAL INSPECTION APPROVAL.

PAVEMENT MARKING NOTES

- 1. ALL PAVEMENT MARKINGS TO BE WHITE PAVEMENT PAINT, UNLESS STATED OTHERWISE. ALL PAVEMENT MARKINGS WITHIN ADA AREAS SHALL BE PAINTED BLUE EXCEPT FOR COLORS DEFINED ON THE ADA PAVEMENT SYMBOL.
2. MARKING (STRIPING) PAINT FOR PARKING SPACES, TRAFFIC ARROWS, ADA PARKING AND SYMBOLS, ETC., PER LOCAL REQUIREMENTS AND AS FOLLOWS:
3. PAVEMENT MARKINGS PAINT SHALL BE WATER BASE FAST DRYING 100% ACRYLIC TYPE: WATER BASE TO MEET FEDERAL SPECIFICATION TTP-01952B.
4. PROVIDE A NON-SLIP AGGREGATE ADDITIVE TO MARKING PAINT USED AT ADA ACCESS RAMP.
5. APPLY 2 COATS WITHIN THE SAME DAY, UTILIZING STRAIGHT EDGES, YELLOW ON CONCRETE/WHITE ON ASPHALT EXCEPT WHEN MATCHING ADJACENT OR EXISTING COLOR WHEN THE PAVING IS AN EXPANSION OR SEGMENT OF A LARGER LOT.

EXISTING SLAB REINFORCEMENT INVESTIGATION/X-RAY

- 1. CONTRACTOR SHALL VERIFY POST TENSIONING AND REINFORCEMENT LOCATION IN EXISTING CONCRETE SLAB PRIOR TO DRILLING.

LANDSCAPE NOTES

- 1. SOD SHALL BE SELECTED PER ZONE AND MATCHED TO EXISTING SITE. SOD SHALL BE A FIRST GRADE CERTIFIED BLEND CONTAINING NO MORE THAN 30 PERCENT OF OTHER GRASSES AND CLOVERS, AND FREE FROM ALL NOXIOUS WEEDS.
2. ALL DISTURBED AND PROPOSED LANDSCAPE PLANTING BED AREAS SHALL BE MULCHED WITH 2" DEPTH DOUBLE SHREDDED BARK MULCH, CONTAINING NO MORE THAN 25% CYPRESS MULCH, TO MATCH EXISTING CONDITIONS.
3. PLANT GUARANTEE: CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF PROJECT ACCEPTANCE BY THE OWNER.
4. BEGIN MAINTENANCE OF LAWNS IMMEDIATELY AFTER EACH AREA IS PLANTED AND CONTINUE UNTIL ACCEPTABLE LAWN AREA IS ESTABLISHED WITH A DENSE STAND OF SPECIFIED PLANT MATERIAL COVERING AT LEAST 95% OF THE AREA, BUT NOT FOR LESS THAN 90 DAYS AFTER ACCEPTANCE.
5. IRRIGATION RELOCATION: CONTRACTOR FIELD VERIFY IF EXISTING IRRIGATION IS PRESENT, DETERMINE POINT OF CONNECTION, SYSTEM PRESSURE, FIXTURE TYPES, AND POTENTIAL FOR EXPANSION.

EXISTING LEGEND table with columns for symbols and descriptions: P/L APPARENT PROPERTY LINE, R/W APPARENT RIGHT OF WAY, C/L APPARENT CENTERLINE, WM WATER MAIN, W WATER LINE, IR IRRIGATION LINE, GAS GAS LINE, ST STORM LINE, SAN SANITARY LINE, OH OVERHEAD ELECTRIC, E ELECTRIC MAIN, UE ELECTRIC LINE, L/P LIGHT POLE CONDUIT, EXISTING BUILDING, LIGHT POLE, POWER POLE, POWER/TELEPHONE POLE, LIGHT/TELEPHONE POLE, TELEPHONE POLE, POWER/LIGHT POLE, POWER/LIGHT/TELE POLE, UNKNOWN POLE, ELECTRIC METER, ELECTRIC MANHOLE, TRANSFORMER, CATCH BASIN, CURB INLET, STORM MANHOLE, SANITARY MANHOLE, UNKNOWN MANHOLE, SANITARY VALVE, SEPTIC TANK, FIRE HYDRANT, WATER METER, WATER VALVE, SPRINKLER HEAD, WATER MANHOLE, GAS VALVE, GAS METER, GAS MANHOLE, GAS SERVICE METER, TELEPHONE PEDESTAL, TELEPHONE MANHOLE, CABLE TV PEDESTAL, BOLLARD, SIGN, LUMINESCENT SIGN, CLEANOUT, YARD LIGHT, FLAG POLE, GAS PUMP.

This file was signed electronically by Leonardo A. Sferra on the date and time 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.



Table with columns: REV., DATE, DESCRIPTION. Rows include A 10/12/22 ISSUED FOR 90% REVIEW, B 11/17/22 ISSUED FOR SIGN & SEAL, C 2/17/23 REVISED S&S PER 2/17/23 AHJ COMMENTS.



MAGNOLIA SQUARE APARTMENTS TESLA SUPERCHARGER STATION 5934 PREMIER WAY NAPLES, FL 34109 GENERAL NOTES PROJECT MANAGER ZS DESIGNER KSB

JOB NO. 2022141.65 GN-1

Drawing Name: O:\2022\202214165 - TRT 33886 - Naples, FL - Magnolia Square.dwg\2022141.65 - Naples, FL - CD100.dwg February 17, 2023 1:17 PM - amichel

SEE SHEETS 2-5 FOR LOCATIONS



**SCHEDULE B-II**  
 COLLIER INSURANCE AGENCY LLC  
 FILE NO.: CIA 21-470  
 EFFECTIVE DATE: OCTOBER 23, 2021 AT 8:00AM

EXCEPTIONS  
 THIS COMMITMENT DOES NOT REPUBLISH ANY COVENANT, CONDITION, RESTRICTION OR LIMITATION CONTAINED IN ANY OF THE PUBLIC RECORDS OR ATTACHING SUBSEQUENT TO THE EFFECTIVE DATE HEREOF BUT PRIOR TO THE DATE THE PROPOSED INSURED ACQUIRES FOR VALUE OF RECORD THE ESTATE OR INTEREST OR MORTGAGE THEREON COVERED BY THIS COMMITMENT.  
 2. FACTS WHICH WOULD BE DISCLOSED BY AN ACCURATE AND COMPREHENSIVE SURVEY OF THE PREMISES HEREIN DESCRIBED.  
 3. RIGHTS OR CLAIMS OF PARTIES IN POSSESSION.  
 4. CONSTRUCTION, MECHANICS, CONTRACTORS' OR MATERIALMEN'S LIEN CLAIMS, IF ANY, WHERE NO NOTICE THEREOF APPEARS OF RECORD.  
 5. EASEMENTS OR CLAIMS OF EASEMENTS NOT SHOWN BY THE PUBLIC RECORDS.  
 6. GENERAL OR SPECIAL TAXES AND ASSESSMENTS REQUIRED TO BE PAID IN THE YEAR 2021 AND SUBSEQUENT YEARS WHICH ARE NOT YET DUE OR PAYABLE.  
 NOTE: TAXES FOR THE YEAR 2021 BECAME A LIEN ON THE LAND JANUARY 1ST ALTHOUGH NOT DUE OR PAYABLE UNTIL NOVEMBER 1ST OF SAID YEAR. TAXES FOR THE YEAR 2020 IN THE AMOUNT OF \$19,915.41 (UNIT 1), \$5,014.22 (UNIT 2), \$10,310.69 (UNIT 3), \$13,771.31 (UNIT 4) AND \$6,921.00 (UNIT 5) ARE PAID. TAX ID NUMBER 56339010029, 56339010045, 56339010061, 56339010087 AND 56339010100, RESP.  
 7. DECLARATION OF CONDOMINIUM FOR MAGNOLIA SQUARE OF NAPLES, A COMMERCIAL LAND CONDOMINIUM, AS RECORDED IN OFFICIAL RECORDS BOOK 5682, PAGE 1906, PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA, WHICH PROVIDES FOR: A) CHARGE FOR ASSESSMENTS, AFFECTS PARCEL SURVEYED AND IS PLOTTED ON SURVEY.  
 8. DECLARATION OF COVENANT AND SHARE COSTS FOR MAGNOLIA SQUARE RECORDED IN OFFICIAL RECORDS BOOK 3656, PAGE 1154, OF THE PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA, WHICH PROVIDES FOR: A) CHARGE FOR COMMON AREA MAINTENANCE, AFFECTS PARCEL SURVEYED AND IS PLOTTED ON SURVEY.  
 9. RIGHT-OF-WAY AGREEMENT TO FLORIDA POWER & LIGHT COMPANY, A FLORIDA CORPORATION, RECORDED SEPTEMBER 22, 2013, IN DEED BOOK 30, PAGE 27, PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA, AFFECTS PARCEL SURVEYED AND IS PLOTTED ON SURVEY.  
 10. EASEMENT IN FAVOR OF CITY OF NAPLES DISTRICT SCHOOL BOARD CORPORATION, CONTAINED IN INSTRUMENT RECORDED AUGUST 18, 1983 IN OFFICIAL RECORDS BOOK 1037, PAGE 841, PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA, AFFECTS PARCEL SURVEYED AND IS PLOTTED ON SURVEY.  
 11. ROAD RIGHT-OF-WAY DRAINAGE AND UTILITY EASEMENT IN FAVOR OF COLLIER COUNTY RECORDED IN OFFICIAL RECORDS BOOK 3077, PAGE 516, PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA, AFFECTS PARCEL SURVEYED AND IS PLOTTED ON SURVEY.  
 12. SLOPE AND UTILITY EASEMENT IN FAVOR OF COLLIER COUNTY AS RECORDED IN OFFICIAL RECORDS BOOK 5907, PAGE 535, OF THE PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA.  
 13. COMMUNICATIONS SYSTEMS RIGHT-OF-WAY EASEMENT RECORDED IN OFFICIAL RECORDS BOOK 3435, PAGE 1840, PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA.  
 14. ROAD CONVEYANCE, RESTRICTIONS, MAINTENANCE AND USE AGREEMENT CONTAINED IN DEEDS RECORDED IN OFFICIAL RECORDS BOOK 2676, PAGE 1346 AT PAGE 1356 AND RE-RECORDED IN DEEDS RECORDED IN OFFICIAL RECORDS BOOK 5907, PAGE 535, OF THE PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA, AFFECTS PARCEL SURVEYED AND IS PLOTTED ON SURVEY.  
 15. EASEMENT IN FAVOR OF FLORIDA POWER & LIGHT COMPANY, RECORDED IN OFFICIAL RECORDS BOOK 5602, PAGE 1129 OF THE PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA.  
 16. EASEMENT IN FAVOR OF FLORIDA POWER & LIGHT COMPANY, RECORDED IN OFFICIAL RECORDS BOOK 5690, PAGE 2819 OF THE PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA.  
 17. EASEMENT IN FAVOR OF FLORIDA POWER & LIGHT COMPANY, RECORDED IN OFFICIAL RECORDS BOOK 5907, PAGE 2058 OF THE PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA.  
 18. UTILITY FACILITIES DEED TO BOARD OF COUNTY COMMISSIONERS RECORDED IN OFFICIAL RECORDS BOOK 5907, PAGE 2058 OF THE PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA.  
 19. DEED OF UTILITY EASEMENT TO BOARD OF COUNTY COMMISSIONERS RECORDED IN OFFICIAL RECORDS BOOK 5907, PAGE 2063 OF THE PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA.  
 20. TERMS AND CONDITIONS AS TO LEASES AS TO TENANTS IN POSSESSION, AFFECTS PARCEL SURVEYED AND IS PLOTTED ON SURVEY.  
 21. ANY LOSS OR DAMAGE RESULTING FROM A LIEN FOR ASSESSMENTS PURSUANT TO SECTION 718.116(5)(A), FLORIDA STATUTES, OR FOR UNPAID ASSESSMENTS PURSUANT TO SECTION 718.116(1)(A), FLORIDA STATUTES, NOTWITHSTANDING ANY ASSURANCES TO THE CONTRARY IN ANY ATTACHED ALTA 4 CONDOMINIUM ENDORSEMENT OR FLORIDA ENDORSEMENT FORM 9.

**CERTIFICATION**  
 TO 2600 QUANTUM, L.L.C., A FLORIDA LIMITED LIABILITY COMPANY  
 SOUTH STATE BANK, N.A., ITS SUCCESSORS AND/OR ASSIGNS AS THEIR INTERESTS MAY APPEAR  
 COLLIER INSURANCE AGENCY LLC

THIS IS TO CERTIFY THAT THIS MAP OR PLAN AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 6 (b), 7 (b)(1)(C), 8, 9, 11(a) VISIBLE UTILITIES ONLY, 13, 14, 15, 17 (b) AND 19 OF TABLE A THEREOF. THE FIELDWORK WAS COMPLETED ON OCTOBER 15, 2021.

*[Signature]* DATED: OCTOBER 15, 2021  
 LANCE T. MILLER, PROFESSIONAL SURVEYOR AND MAPPER  
 FLORIDA REGISTERED SURVEYOR LS#5627

**SCHEDULE A**  
 THE LAND IS DESCRIBED AS FOLLOWS:  
 UNITS 1, 2, 3, 4 AND 5, MAGNOLIA SQUARE OF NAPLES, A CONDOMINIUM ACCORDING TO THE DECLARATION OF CONDOMINIUM THEREOF RECORDED IN OFFICIAL RECORDS BOOK 5682, PAGE 1906, OF THE PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA, AND ALL AMENDMENTS THERETO, TOGETHER WITH ITS UNDIVIDED SHARE IN THE COMMON ELEMENTS.

**GENERAL NOTES:**  
 BEARINGS BASED ON THE SOUTH LINE OF SAID SECTION 10, BEING NORTH 89°29'57" EAST.  
 BEARINGS ARE BASED ON THE STATE PLANE COORDINATE SYSTEM ESTABLISHED BY THE NATIONAL GEODETIC SURVEY FOR FLORIDA EAST ZONE, 1983 DATUM WITH 1990 ADJUSTMENT.  
 UNLESS A COMPARISON IS MADE, MEASURED BEARINGS AND DISTANCES ARE IDENTICAL WITH PLAT VALUES.  
 DIMENSIONS ARE IN FEET " AND DECIMALS " THEREOF.  
 ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM, 1988 (N.A.V.D.).  
 LINES SHOWN OUTSIDE OF THE LAND DESCRIBED ARE FOR REFERENCE USE ONLY AND WERE NOT SURVEYED.  
 UNDERGROUND FOOTERS, ROOF OVERHANGS AND STUCCO FINISH WERE NOT TAKEN INTO CONSIDERATION IN PREPARING THIS MAP.  
 P.O.B. = POINT OF BEGINNING  
 R.O.W. = RIGHT-OF-WAY  
 C.B.S. = CONCRETE BLOCK STRUCTURE  
 A.E. = ACCESS EASEMENT, D.E. = DRAINAGE EASEMENT, P.U.E. = PUBLIC UTILITY EASEMENT  
 C.U.E. = COLLIER COUNTY UTILITY EASEMENT  
 F.P.L. = FLORIDA POWER & LIGHT  
 EL. & ELEV. = ELEVATION, C/L = CENTERLINE  
 CONC. = CONCRETE, A/C = AIR CONDITIONER  
 WBSB = WATER BACTERIAL SAMPLE POINT  
 TELE. = TELEPHONE SERVICE  
 F.I.P. = FOUND IRON PIN WITH CAP STAMPED P.R.M. LB-7866  
 F.C.M. = FOUND CONCRETE MONUMENT  
 S.I.P. = SET 5/8" IRON PIN WITH CAP STAMPED LB-7866  
 F.I.P. = FOUND IRON PIN WITH CAP STAMPED LB-7866  
 C.F.P. = FOUND CONCRETE FOUNDATION  
 D.H. = FOUND DRILL HOLE  
 D.H. = SET DRILL HOLE  
 PROPERTY LIES WITHIN WOOD ZONES X, X500, AH11.5, AH12.0, AE12.0 AND AE12.5 PER FLOOD INSURANCE RATE MAPS COMMUNITY PANEL #120067 0383HF DATED MAY 16, 2012

**PARKING NOTE:** THERE ARE 19 HANDICAP SPACES AND 406 REGULAR PARKING SPACES AS SHOWN ON THE SURVEY.

**ZONING NOTE PER ORDINANCE NO.18-43:**  
 DEVELOPMENT STANDARDS (COMMERCIAL)  
 A. MINIMUM LOT AREA: 20,000 SQUARE FEET  
 B. MINIMUM LOT WIDTH: 100 FEET  
 C. MINIMUM YARD REQUIREMENTS:  
 1. PRINCIPAL PERMITTED USES  
 A) GOODLETTE-FRANK ROAD: ZERO FEET (0') TO THE EAST EDGE OF THE FPL EASEMENT  
 B) PINE RIDGE ROAD: FORTY FEET (40') FROM EDGE OF PAVEMENT  
 C) MINIMUM BUILDING SETBACK FROM NORTH AND EAST PERMETER PROJECT BOUNDARY OF THE PUD: THIRTY FEET (30').  
 D) INTERNAL DRIVES: FIFTEEN FEET (15') FROM RIGHTS-OF-WAY LINE.  
 E) DISTANCE BETWEEN FREE-STANDING USES: THIRTY FEET (30')  
 F) WATER MANAGEMENT STRUCTURES: ZERO FEET (0') TO BULKHEAD OR RIPRAP AT TOP OF BANK  
 G) BUILDINGS OR PORTIONS OF BUILDINGS UNDER SEPARATE OWNERSHIP INCLUDING CONNECTED UNITS: ZERO FEET (0').  
 H) PERIMETER: TWENTY-FIVE FEET (25')  
 2. ACCESSORY STRUCTURE SETBACKS:  
 A) PERIMETER  
 (1) ROOFED PARKING FACILITIES-TWENTY FEET (20')  
 B) SIDE YARD:  
 (1) COMMON ARCHITECTURAL FEATURES-ZERO FEET (0')  
 (2) ROOFED PARKING FACILITIES-TEN FEET (10')  
 C) LAKE BANK:  
 (1) COMMON ARCHITECTURAL FEATURES-ZERO FEET (0')  
 (2) SEATING AREAS-ZERO FEET (0')  
 D) PRESERVE: TEN FEET (10')  
 D. MAXIMUM HEIGHT:  
 1. RETAIL BUILDINGS: ONE STORY, NOT TO EXCEED FORTY FEET (40').  
 2. OFFICE AND FINANCIAL INSTITUTION BUILDINGS: THREE-STORIES, NOT TO EXCEED FIFTY FEET (50').  
 3. ARCHITECTURAL FEATURES: SIXTY FEET (60').  
 E. INDIVIDUAL RETAIL TENANT SIZE  
 1. NO INDIVIDUAL RETAIL TENANT MAY EXCEED 65,000 SQUARE FEET OF GROSS LEASABLE AREA.



FOR REFERENCE ONLY  
 NOT TO SCALE

LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
L1	N01°18'35"E	69.79	L16	N89°50'49"W	608.84	L31	S00°00'24"W	55.26
L2	S89°35'25"E	40.47	L17	S40°36'02"E	57.73	L32	S89°59'36"E	9.00
L3	N19°07'32"E	51.32	L18	S29°46'12"E	27.84	L33	S00°00'24"W	15.52
L4	N07°06'07"E	135.21	L19	N05°19'50"W	11.91	L34	S14°58'00"W	28.09
L5	N05°24'42"E	50.22	L20	N17°21'59"W	5.59	L35	S00°00'09"W	18.01
L6	N07°06'07"E	24.26	L21	N40°36'02"W	62.09	L36	N89°59'15"W	19.50
L7	N19°27'26"E	51.41	L22	N15°32'56"E	168.86	L37	S00°00'00"E	18.00
L8	N07°06'08"E	399.97	L23	S15°32'56"W	175.11	L38	S07°30'11"E	34.30
L9	S82°51'17"E	41.24	L24	S83°01'18"E	39.31	L39	S00°00'24"W	14.00
L10	S70°47'53"E	152.98	L25	S07°06'35"W	17.98	L40	N89°59'36"W	18.00
L11	N89°15'23"E	150.96	L26	S72°21'43"E	23.04	L41	S00°00'09"W	110.34
L12	S00°46'24"E	846.50	L27	N89°59'41"E	72.72	L42	S89°59'41"E	30.23
L13	S89°29'57"W	190.00	L28	N90°00'00"E	36.67	L43	S00°00'20"W	99.26
L14	S00°46'24"E	203.33	L29	S81°39'13"E	35.86	L44	N90°00'00"W	49.39
L15	N73°07'05"W	46.74	L30	N80°12'15"E	58.03	L45	S00°00'00"E	22.10

LINE DATA	LINE DATA	LINE DATA	LINE DATA	LINE DATA	LINE DATA
L46	N00°00'00"E	26.17	L47	N90°00'00"W	55.31
L48	S00°15'32"W	15.06	L49	N90°00'00"W	74.20
L50	S45°00'07"W	27.71	L51	S38°55'37"E	35.40
L52	N68°51'54"W	13.21	L53	N55°36'48"W	94.43
L54	N27°32'52"W	14.99	L55	N57°40'26"W	14.54
L56	N61°40'44"W	4.97	L57	S01°44'45"W	37.79
L58	S01°00'02"W	107.23			

CURVE DATA						
C1	37°26'06"	98.00	64.03	33.20	N14°51'53"W	62.90
C2	3°33'23"	4260.76	264.47	132.28	N05°10'45"E	264.42
C3	43°27'24"	48.00	36.41	19.13	N28°49'49"E	35.54
C4	57°24'01"	48.00	48.09	26.28	N21°35'53"W	46.10
C5	90°02'35"	48.00	75.43	48.04	N52°07'25"E	67.91
C6	74°51'13"	1130.00	152.92	76.58	S77°22'48"E	152.80
C7	18°15'59"	820.00	261.42	131.83	S79°55'08"E	260.32
C8	65°56'49"	88.00	101.29	57.09	N56°52'24"W	95.79
C9	01°54'11"	5629.65	25.69	12.85	S02°20'38"W	25.69
C10	6°48'01"	820.00	97.32	48.72	S74°11'09"E	97.27
C11	11°27'59"	820.00	164.10	82.33	S83°21'11"W	163.83
C12	30°55'29"	88.00	47.50	24.34	N74°23'04"W	46.92
C13	35°01'20"	88.00	53.79	27.76	N41°24'40"W	52.96
C14	20°44'44"	35.00	12.67	6.41	S79°37'42"W	12.60

CURVE DATA						
C15	86°13'14"	25.00	37.62	23.40	N46°53'18"W	34.17
C16	1°02'12"	3494.03	63.22	31.61	S04°17'47"E	63.22
C17	6°53'44"	1437.44	173.00	86.60	S10°00'10"E	172.89
C18	27°09'00"	340.51	161.35	82.22	S27°01'32"E	159.85
C19	10°49'50"	198.00	37.43	18.77	S35°11'07"E	37.37
C20	43°34'41"	107.29	81.60	42.89	S06°03'23"E	79.65
C21	33°01'18"	53.53	30.85	15.87	S02°57'20"E	30.43
C22	12°02'08"	139.40	32.28	14.70	N11°20'55"W	29.23
C23	15°21'10"	122.90	39.23	16.57	N25°02'34"W	32.83
C24	13°02'34"	140.92	32.08	16.11	N39°14'26"W	32.01
C25	5°30'19"	297.12	28.55	14.28	N43°21'11"W	28.54
C26	27°09'00"	311.61	147.66	75.24	N27°01'32"W	146.28
C27	6°52'40"	1408.54	169.08	84.64	N10°00'42"E	168.98
C28	1°08'05"	3465.13	68.62	34.31	N04°14'25"W	68.62

CURVE DATA						
C29	0°58'39"	3670.83	62.63	31.32	N02°42'17"W	62.63
C30	8°11'00"	1256.49	179.46	89.88	N02°20'05"E	179.31
C31	12°42'33"	473.24	104.97	52.70	N11°58'13"E	104.76
C32	93°39'11"	33.70	35.08	35.92	N62°22'32"E	49.15
C33	12°33'21"	501.44	110.33	55.39	S21°56'32"E	40.40
C34	12°36'25"	501.44	110.33	55.39	S11°56'32"E	110.11
C35	7°53'29"	1284.69	176.94	88.61	S02°28'19"W	176.80
C36	91°28'30"	25.00	39.91	25.65	N44°15'49"E	35.81
C37	15°42'14"	35.00	9.59	4.83	N82°08'48"W	9.56
C38	3°36'34"	1437.44	90.55	45.29	S08°21'35"E	90.54
C39	3°17'10"	1437.44	82.44	41.23	S11°48'27"E	82.43
C40	11°53'27"	19.00	38.76	30.94	N31°33'31"E	32.38
C41	0°40'09"	5629.65	65.75	32.88	N02°52'42"E	65.75
C42	37°02'16"	92.67	59.90	31.04	N58°05'13"W	58.87

Δ REV NO.	REVISION	MO./DAY/YR	DRAWN BY	EMP NO	CHECKED BY	EMP NO	FIELD BOOK/PAGE	G-3453, 15-17

ACTIVITY	INITIALS	EMP. NO.	MO.	DAY	YR.	APPROVED:
RESEARCH:						
FIELD WORK/CREW CHIEF:	DLR	10	15	21		
DRAFTED:	LMT	453	03	10	21	
CHECKED BY:	LTM	436	03	10	21	

LANCE T. MILLER, P.S.M., LS#5627

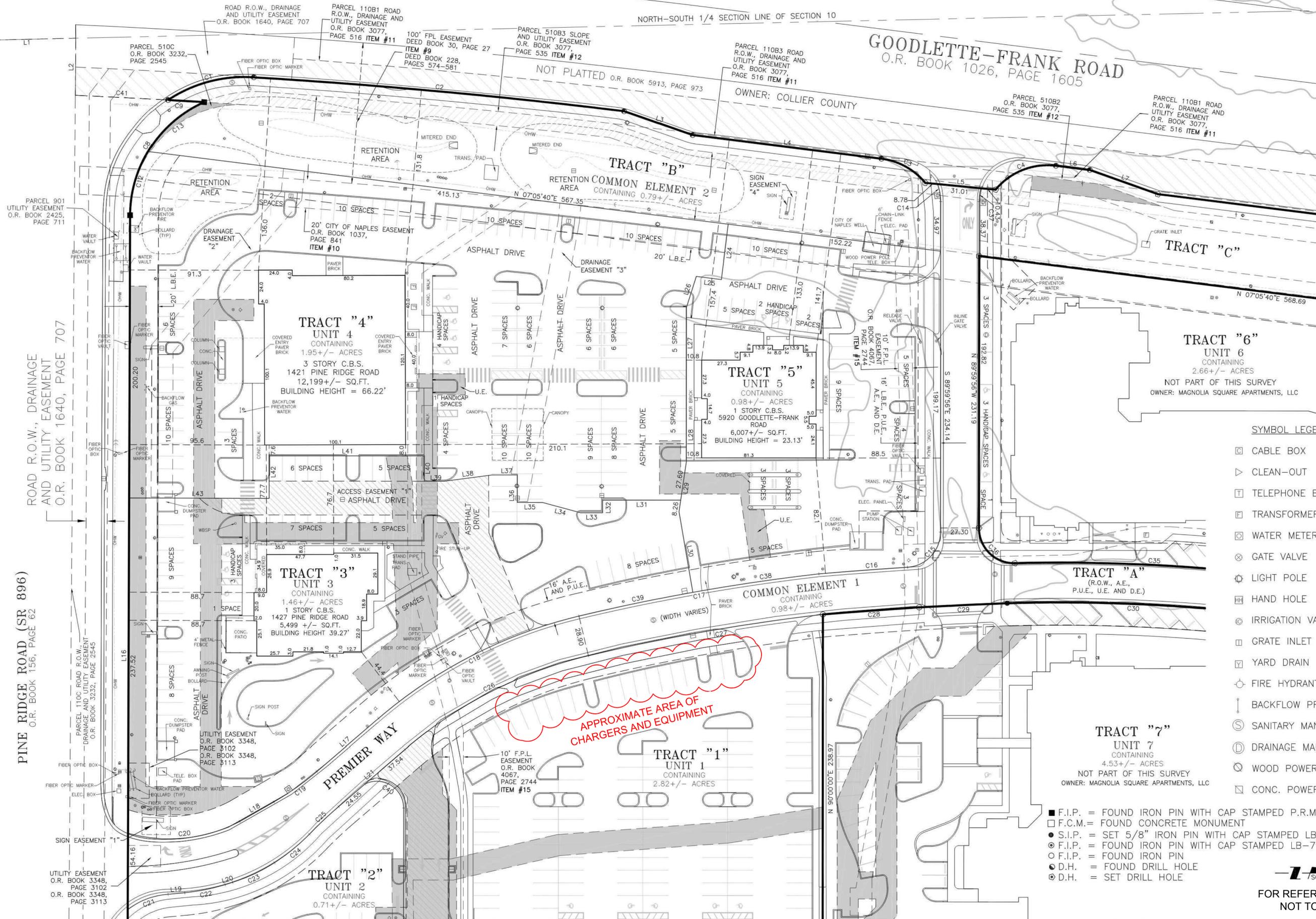
**Stantec**  
 5801 Pelican Bay Boulevard, Suite 300, Naples, Florida 34108  
 Phone 239-649-4040 • Fax 239-643-5716 • Web-Site www.stantec.com  
 Certificate of Authorization #LB-7866

DESCRIPTION: ALTA/NSPS LAND TITLE SURVEY  
 MAGNOLIA SQUARE OF NAPLES LESS TRACT "6"  
 AND TRACT "7", PLAT BOOK 70, PAGES 35-39,  
 COLLIER COUNTY, FLORIDA.

DATE:	CLIENT:	PROJECT NUMBER AND TASK	FILE NO.:
10/20	2600 QUANTUM LLC, A FLORIDA LIMITED LIABILITY COMPANY	215616904-210	215616904-S01

NORTH-SOUTH 1/4 SECTION LINE OF SECTION 10

**GOODLETTE-FRANK ROAD**  
O.R. BOOK 1026, PAGE 1605



**SYMBOL LEGEND**

- ☐ CABLE BOX
- ▷ CLEAN-OUT
- ☐ TELEPHONE BOX
- ☐ TRANSFORMER PAD
- ☐ WATER METER
- ⊗ GATE VALVE
- ⊙ LIGHT POLE
- ☒ HAND HOLE
- ⊙ IRRIGATION VALVE
- ☐ GRATE INLET
- ☒ YARD DRAIN
- ⊙ FIRE HYDRANT
- ⊙ BACKFLOW PREVENTER
- ⊙ SANITARY MANHOLE
- ⊙ DRAINAGE MANHOLE
- ⊙ WOOD POWER POLE
- ☒ CONC. POWER POLE

- F.I.P. = FOUND IRON PIN WITH CAP STAMPED P.R.M. LB-7866
- F.C.M. = FOUND CONCRETE MONUMENT
- S.I.P. = SET 5/8" IRON PIN WITH CAP STAMPED LB-7866
- ⊙ F.I.P. = FOUND IRON PIN WITH CAP STAMPED LB-7866
- F.I.P. = FOUND IRON PIN
- ⊙ D.H. = FOUND DRILL HOLE
- ⊙ D.H. = SET DRILL HOLE

SCALE: 1" = 30'

FOR REFERENCE ONLY  
NOT TO SCALE

REV. NO.	REVISION	MO/DAY/YR	DRAWN BY	EMP. NO.	CHECKED BY	EMP. NO.	FIELD BOOK/PAGE	ACTIVITY	INITIALS	EMP. NO.	MO.	DAY	YR.	APPROVED:
								RESEARCH:						
								FIELD WORK/CREW CHIEF:	DLR		10	15	21	
								DRAFTED:	LMT	453	03	10	21	
								CHECKED BY:	LTM	436	03	10	21	

**Stantec**  
5801 Pelican Bay Boulevard, Suite 300, Naples, Florida 34108  
Phone 239-649-4040 • Fax 239-643-5716 • Web-Site www.stantec.com  
Certificate of Authorization #LB-7866

DESCRIPTION: ALTA/NSPS LAND TITLE SURVEY  
MAGNOLIA SQUARE OF NAPLES LESS TRACT "6"  
AND TRACT "7", PLAT BOOK 70, PAGES 35-39,  
COLLIER COUNTY, FLORIDA.

DATE: 10/20	CLIENT: 2600 QUANTUM LLC, A FLORIDA LIMITED LIABILITY COMPANY
CROSS REFERENCE FILE NO.: STANTEC DWG. 215616034-S01	PROJECT NUMBER AND TASK: 215616904-210
FILE NO.: 215616904-S02	

UNIT AREA TABLE - BUILDING TYPE I						
Unit Type	Unit Name	AC Area	Non-AC Area	Total Unit Area in SF	Unit Total by Name	Unit Type Percentages
1 Bed / 1 Bath	A1	822	74	896	3	
1 Bed / 1 Bath	A2	798	71	869	3	
1 Bed / 1 Bath	A3	773	155	928	45	
1 Bed / 1 Bath	A4	977	140	1117	3	68
1 Bed / 1 Bath	A5	1008	83	1091	2	
1 Bed / 1 Bath	A6	739	163	902	2	
2 Bed / 2 Bath	B1	1917	169	2086	3	
2 Bed / 2 Bath	B2	1176	165	1341	21	24.55%
2 Bed / 2 Bath	B3	1347	177	1524	3	
3 Bed / 2 Bath	C1	1494	270	1764	7	
3 Bed / 2 Bath	C2	1494	263	1757	2	15.34%
3 Bed / 3 Bath	C3	1858	312	2170	6	
Total Units in Project - All Types					110	100.00%

NOTE 1: THIS INFORMATION SHALL NOT BE USED FOR CONDOMINIUM DOCUMENTS  
 NOTE 2: UNIT GROSS AREAS LISTED ARE FROM OUTSIDE TO OUTSIDE OR CENTERLINE OF TENANT WALLS (WHICHEVER APPLICABLE)  
 NOTE 3: UNIT AC AREAS LISTED ARE FROM FACE OF GYPSUM BOARD AROUND PERIMETER OF UNIT

UNIT AREA TABLE - BUILDING TYPE II						
Unit Type	Unit Name	AC Area	Non-AC Area	Total Unit Area in SF	Unit Total by Name	Unit Type Percentages
1 Bed / 1 Bath	A1	834	72	906	7	
1 Bed / 1 Bath	A2	771	66	837	18	
1 Bed / 1 Bath	A3	777	141	918	20	
1 Bed / 1 Bath	A4	982	147	1129	20	38.89%
1 Bed / 1 Bath	A5	0	0	0	0	
1 Bed / 1 Bath	A6	742	115	857	5	
2 Bed / 2 Bath	B1	1521	165	1716	18	
2 Bed / 2 Bath	B2	1179	178	1357	75	51.87%
2 Bed / 2 Bath	B3	0	0	0	0	
3 Bed / 2 Bath	C1	1466	287	1753	17	
3 Bed / 2 Bath	C2	0	0	0	0	
3 Bed / 3 Bath	C3	0	0	0	0	
Total Units in Project - All Types					180	100.00%

NOTE 1: THIS INFORMATION SHALL NOT BE USED FOR CONDOMINIUM DOCUMENTS  
 NOTE 2: UNIT GROSS AREAS LISTED ARE FROM OUTSIDE TO OUTSIDE OR CENTERLINE OF TENANT WALLS (WHICHEVER APPLICABLE)  
 NOTE 3: UNIT AC AREAS LISTED ARE FROM FACE OF GYPSUM BOARD AROUND PERIMETER OF UNIT

UNIT BREAKDOWN TABLE						
Unit Type	Unit Name	Building Type	Type I	Type II	Unit Totals	Unit Type Percentages
1 Bed / 1 Bath	A1	3	7	10		
1 Bed / 1 Bath	A2	13	18	31		
1 Bed / 1 Bath	A3	45	20	65		
1 Bed / 1 Bath	A4	3	20	23	138	47.59%
1 Bed / 1 Bath	A5	2	0	2		
1 Bed / 1 Bath	A6	2	5	7		
2 Bed / 2 Bath	B1	3	18	21		
2 Bed / 2 Bath	B2	21	75	96	120	41.38%
2 Bed / 2 Bath	B3	3	0	3		
3 Bed / 2 Bath	C1	7	17	24		
3 Bed / 2 Bath	C2	2	0	2	32	11.03%
3 Bed / 3 Bath	C3	6	0	6		
Total		110	180	290	290	100.00%

DENSITY SUMMARY	
TOTAL UNITS IN PROJECT	290
DENSITY (BASED ON 3.1 ACRES ± P.U.D. AREA)	9.4 UNITS / ACRE

WATER MANAGEMENT LAND USE SUMMARY			
LAND USE	PREVIOUSLY PERMITTED (1) (AC)	CURRENT TOTAL PROPOSED (AC)	
ROOF COVERAGE	3.20	6.00	
LAKE	1.84	1.89	
PAVEMENT / SIDEWALK / HARDSCAPE	12.94	9.71	
PERVIOUS	8.32	8.70	
SWFMD WETLAND	0.80	0.80	
TOTAL	27.10	27.10	
(TOTAL IMPERVIOUS (BUILDING AND PAVEMENT))	16.14	15.71	

SETBACK TABLE								
PRINCIPAL STRUCTURE	REQUIRED MULTI-FAMILY PRINCIPAL SETBACKS				PROVIDED MULTI-FAMILY PRINCIPAL SETBACKS			
	FRONT	REAR	SIDE	PUD	FRONT	REAR	SIDE	PUD
BLDG #1	10'	10'	5'	25'	350'	20'-0"	69.5'	543.0'
BLDG #2	10'	10'	5'	25'	350'	20'-0"	306.9'	25.0'

DEVELOPMENT STANDARDS (RESIDENTIAL)		(PER ORDINANCE 2018-43)	
PRINCIPAL STRUCTURES	MINI-MULTI-FAMILY	MULTI-FAMILY	
MINIMUM LOT AREA	1 ACRE		
MINIMUM LOT WIDTH	N/A		
MINIMUM LOT DEPTH	N/A		
MINIMUM FRONT YARD SETBACK	10 FEET		
MINIMUM SIDE YARD SETBACK	5 FEET		
MINIMUM REAR YARD SETBACK	10 FEET		
MINIMUM LAKE MAINTENANCE EASEMENT SETBACK	0 FEET		
MINIMUM SETBACK FROM PPL EASEMENT	0 FEET		
MINIMUM PUD BOUNDARY SETBACK	25 FEET		
MINIMUM DISTANCE BETWEEN BUILDINGS	20 FEET		
FLOOR AREA MIN. P.F. PER UNIT GROUND FLOOR	700 SF		

ACCESSORY STRUCTURES	
MINIMUM FRONT YARD SETBACK	10 FEET
MINIMUM SIDE YARD SETBACK	5 FEET
MINIMUM REAR YARD SETBACK	10 FEET
MINIMUM DRAINAGE EASEMENT SETBACK	0 FEET
MINIMUM SETBACK FROM PPL EASEMENT	0 FEET
MINIMUM PUD BOUNDARY SETBACK	15 FEET
MINIMUM DISTANCE BETWEEN BUILDINGS	0/10 FEET
MAXIMUM HEIGHT ZONED	20 FEET
ACTUAL	25 FEET

SITE AREA SUMMARY				
CATEGORY	EXISTING (TO REMAIN) (AC)	PROPOSED (AC)	TOTAL (AC)	PERCENTAGE OF TOTAL
<b>IMPERVIOUS</b>				
ROOF AREA	1.96	4.04	6.00	22.1%
SIDEWALK / HARDSCAPE / PAVEMENT / CURB	0.60	0.57	1.17	4.3%
PERVIOUS (SUB-TOTAL)	9.85	5.90	15.71	58.0%
<b>PERVIOUS</b>				
OPEN / GREEN AREA / DETENTION AREA / TOP CONTOUR / SWFMD WETLAND	5.27	2.02	7.29	26.9%
LAKE	1.41	0.00	1.41	5.2%
PERVIOUS (SUB-TOTAL)	7.48	2.02	9.50	35.1%
<b>LAKE</b>				
LAKE (SUB-TOTAL)	1.89	0.00	1.89	7.0%
<b>TOTAL</b>	19.22	7.88	27.10	100.0%

OPEN SPACE CALCULATION				
(1) 30% OPEN SPACE REQUIREMENT FOR OVERALL PROJECT = 8.13 AC (27.10 AC * 30%)				
(2) OPEN SPACE PROVIDED INCLUDES: OPEN / GREEN AREA + DETENTION AREA + SWFMD WETLAND + LAKE				
(3) OPEN SPACE PROVIDED = 7.02 AC + 1.41 AC + 1.89 AC + 1.18 AC = 11.50 AC				

PROPOSED RESIDENTIAL PARKING SUMMARY				
USE	DESCRIPTION	AMOUNT OF USE	REQUIRED PARKING RATIO (1)	TOTAL PARKING SPACES PROVIDED
UNIT A (1 BEDROOM)	RESIDENTIAL	68 UNITS	1.75 PER UNIT	242
UNIT B (2 BEDROOM)	RESIDENTIAL	27 UNITS	2.00 PER UNIT	240
UNIT C (3 BEDROOM)	RESIDENTIAL	15 UNITS	2.00 PER UNIT	64
ART GALLERY	ART GALLERY	9 SF	1 PER 300 SF (1)	2
CLUBHOUSE	CLUBHOUSE	12,678 SF	1 PER 300 SF (1)	63
POOL	RECREATION	1,750 SF	0.5 PER 300 SF (3)	5
REDUCTION PER ADMINISTRATIVE PARKING REDUCTION (A)				-75
TOTAL				547

PROPOSED RESIDENTIAL ACCESSIBLE PARKING SUMMARY				
UNIT	TOTAL BLDG PARKING SPACES (INCLUDING ADJACENT SURFACE PARKING)	REQUIRED ACCESSIBLE SPACES	PROVIDED ACCESSIBLE SPACES	
PROPOSED BLDG #1	115	5	5	
PROPOSED BLDG #2	493	25	10	
TOTAL	608	30	15	

EXISTING COMMERCIAL ACCESSIBLE PARKING SUMMARY (SOUTH OF PANTHER LANE ONLY)				
UNIT	TYPE OF USE	AMOUNT OF USE	REQUIRED PARKING RATIO	TOTAL PARKING SPACES PROVIDED
BLDG A	RETAIL / RESTAURANT	20,531 SF		82
BLDG B	BANK	3,778 SF		15
BLDG C	RESTAURANT	5,479 SF	1 PER 250 SF	22
BLDG D	OFFICE	38,499 SF		154
BLDG E	BANK	7,476 SF		30
TOTAL		76,763 SF	1 PER 250 SF	383

EXISTING COMMERCIAL ACCESSIBLE PARKING SUMMARY (SOUTH OF PANTHER LANE ONLY)				
PARKING FACILITY	TOTAL LOT PARKING SPACES	REQUIRED ACCESSIBLE SPACES	PROVIDED ACCESSIBLE SPACES	
WEST OF PREMIER WAY	239	7	16	
EAST OF PREMIER WAY	144	5	6	
TOTAL	383	12	16	

**PENINSULA ENGINEERING**  
 CIVIL ENGINEERING - LANDSCAPE ARCHITECTURE - ENVIRONMENTAL CONSULTING - LAND PLANNING - SITE PLANNING - CONSTRUCTION MANAGEMENT - OWNER REPRESENTATIVE  
 2600 Golden Gate Parkway  
 Naples, Florida 34105  
 Phone: 239.403.6700 Fax: 239.261.1797  
 Email: info@pen-eng.com Website: www.pen-eng.com  
 Florida Certificate of Authorization #28275  
 PROJECT:

**MAGNOLIA SQUARE APARTMENTS**

**ZONING DATA SHEET AND TABLES**

OWNER/CLIENT/CONSULTANT:  
**MAGNOLIA SQUARE APARTMENTS, LLC.**

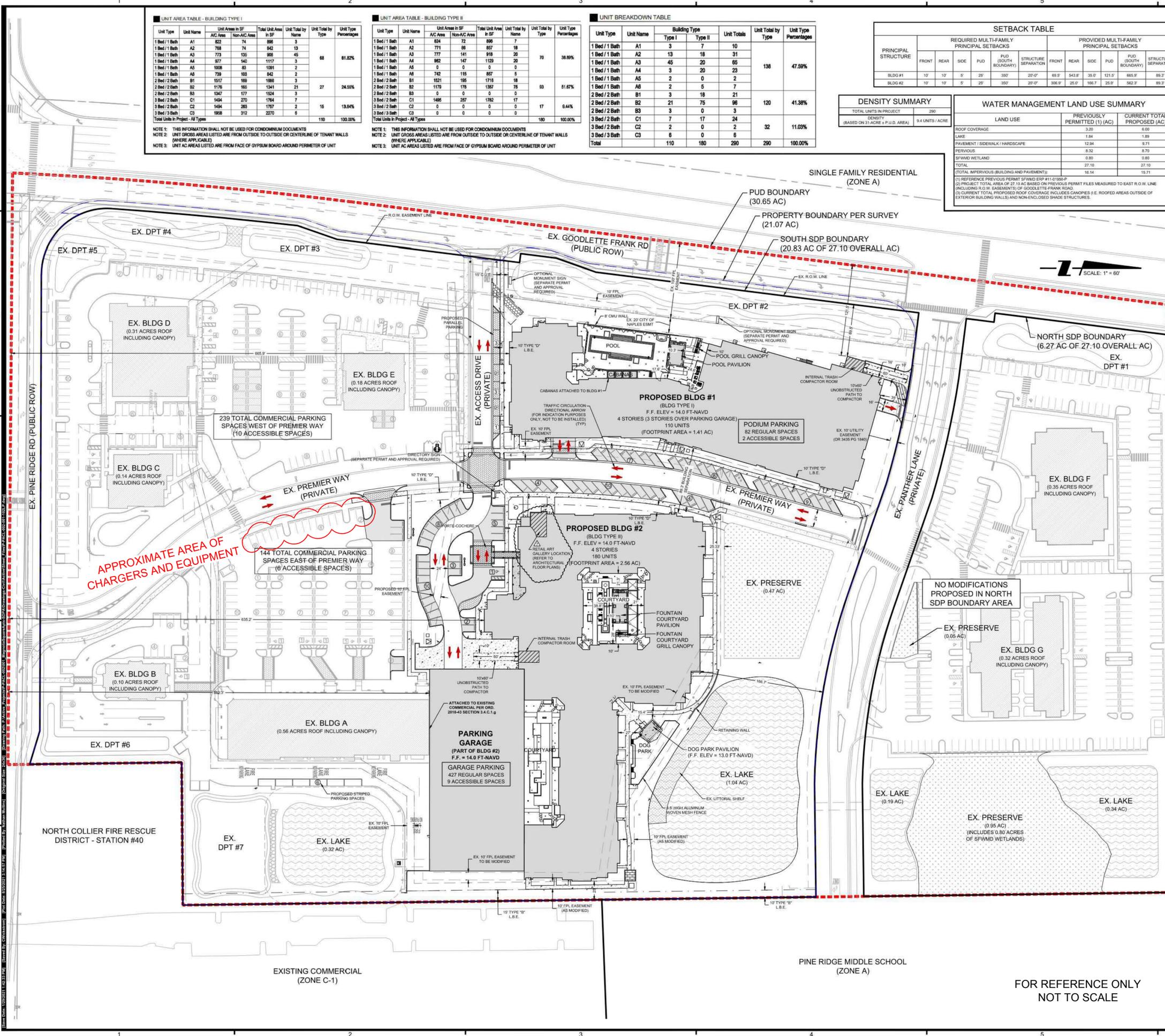
No.	Revision	Date
1	REVISED PER COLLIER COUNTY AND CLIENT COMMENT	04/05/19
2	REVISED PER COLLIER COUNTY COMMENTS (DATED 5-9-19) AND CLIENT	06/05/19
3	REVISED PER COLLIER COUNTY COMMENTS (DATED 7/3/19)	07/16/19
4	REVISED PARKING CALCULATION TO INCLUDE BUILDING 82 PUBLIC ART GALLERY USE	01/22/20
5	REVISED TO INDICATE LOCATION OF ART GALLERY PER COLLIER COUNTY COMMENTS	02/20/20

PARKING LEGEND	
<input checked="" type="checkbox"/>	REGULAR PARKING - RESIDENTIAL
<input checked="" type="checkbox"/>	REGULAR PARKING - RESIDENTIAL
<input checked="" type="checkbox"/>	REGULAR PARKING - COMMERCIAL
<input checked="" type="checkbox"/>	ACCESSIBLE PARKING - COMMERCIAL

PROFESSIONAL SEALS:  
 PROFESSIONAL ENGINEER: DANIEL HARTLEY  
 FLORIDA LICENSE NUMBER: 73943

DATUM NOTE:  
 ALL ELEVATIONS ARE BASED ON NAVD 88 (NORTH AMERICAN VERTICAL DATUM OF 1988)  
 Bar Scale: 1" = 60'  
 1" = 60'

SEC: 10 TWP: 49S RGE: 25E  
 City: NAPLES County: COLLIER  
 Designed by: CURTIS WICKSTROM  
 Drawn by: CURTIS WICKSTROM  
 Date: FEBRUARY 2019  
 Horizontal Scale: 1" = 60'  
 Vertical Scale: N.T.S.  
 Project Number: P-PACL-002-001  
 File Number: P-PACL-002-001-102LP  
**C-102**  
 Sheet Number: 04 of 20



FOR REFERENCE ONLY  
 NOT TO SCALE



DEMOLITION KEYNOTES AND LEGEND #

1. EXISTING CURB TO BE REMOVED.
2. EXISTING PAVEMENT MARKINGS TO BE REMOVED. CONTRACTOR SHALL REMOVE MARKINGS WITH SMALL HANDHELD GRINDERS, SCARIFIERS, BEAD BLASTING, SAND BLASTING, WATER BLASTING OR OTHER METHODS, WITH THE APPROVAL OF THE ENGINEER OF RECORD. TAKE CARE DURING MARKING REMOVAL TO NOT SCAR, DISCOLOR, OR OTHERWISE DAMAGE THE PAVEMENT SURFACE. DO NOT OVER PAINT OR USE OTHER METHODS OF COVERING MARKINGS IN LIEU OF REMOVAL. WATER BLASTING METHOD SHALL NOT BE USED DURING FREEZING WEATHER CONDITIONS.
3. EXISTING UNDERGROUND IRRIGATION LINE TO BE RELOCATED, AS NECESSARY.
4. EXISTING SHRUB REMOVAL AREA.
5. EXISTING WHEELSTOP TO BE REMOVED (TYPICAL OF 13).

	EXISTING ASPHALT TO BE REMOVED TRENCHING NOT INCLUDED
	EXISTING BRICK PAVEMENT TO BE REMOVED TRENCHING NOT INCLUDED
	EXISTING DRAINAGE EASEMENT '1'
	EXISTING 10' F.P.L. EASEMENT
	EXISTING ACCESS EASEMENT '2'
	XX L.F. ± DENOTES LIMITS OF SAWCUT
	PROPOSED TREE PROTECTION FENCE, SEE DETAIL ON SHEET C-4

GENERAL SHEET NOTES

1. CONTRACTOR SHALL REMOVE EXISTING PAVEMENT AND/OR CURB USING CLEAN SAWCUTS TO INSTALL PROPOSED UNDERGROUND CONDUITS AND REPLACE PAVEMENT AND/OR CURB AFTER CONDUITS HAVE BEEN INSTALLED. SEE ELECTRICAL SHEETS FOR CONDUIT ROUTING, APPROXIMATE CONDUIT RUN LENGTHS AND TRENCH DETAIL. CONTRACTOR SHALL MEET OR EXCEED EXISTING PAVEMENT COMPOSITION AND THICKNESS. NOTIFY TESLA OF ANY DISCREPANCIES PRIOR TO PERFORMING WORK.
2. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT AND WHERE PROPOSED ASPHALT MEETS EXISTING, INCLUDING SAW CUT JOINTS.
3. FOR TRAFFIC CONTROL PROCEDURES (IF APPLICABLE), SEE TRAFFIC CONTROL NOTES ON SHEET GN-1.
4. PROPERTY LINE AND RIGHT-OF-WAY BOUNDARIES ARE SHOWN FOR REFERENCE ONLY. REFER TO SURVEY BY STANTEC, DATED 10/21/2021 FOR EXACT LOCATION.
5. ALL EXISTING SHRUBS TO REMAIN SHALL BE TRIMMED PER INDUSTRY STANDARD FOR INSTALLATION OF EQUIPMENT. ANY SHRUBS DAMAGED MORE THAN 30% DURING CONSTRUCTION SHALL BE REPLACED IN KIND WITH NO COST TO OWNER.

**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

REV.	DATE	DESCRIPTION
A	10/12/22	ISSUED FOR 80% REVIEW
B	11/17/22	ISSUED FOR SIGN & SEAL
C	2/17/23	REVISED S&S PER 2/17/23 AHJ COMMENTS

LEONARDO A. SFERRA  
 LICENSE No. 80859

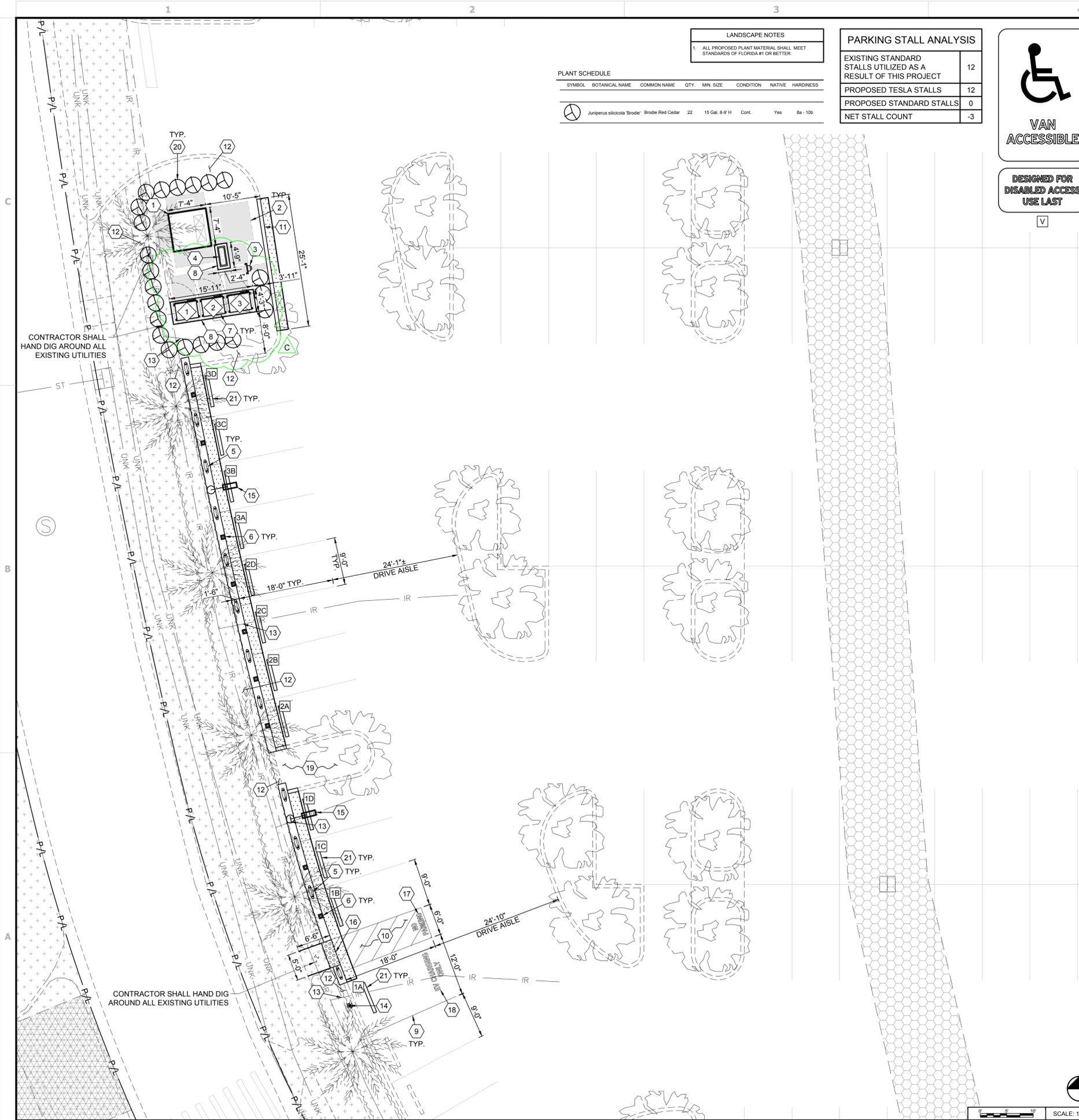
02/17/23

**MAGNOLIA SQUARE APARTMENTS**  
 TESLA SUPERCHARGER STATION  
 5934 PREMIER WAY  
 NAPLES, FL 34109

**DEMOLITION PLAN**

PROJECT MANAGER	DESIGNER
ZS	KSB
JOB NO. <b>2022141.65</b>	
<b>C-1</b>	

SCALE: 1/8" = 1'-0"



**LANDSCAPE NOTES**

1. ALL PROPOSED PLANT MATERIAL SHALL MEET STANDARDS OF FLORIDA #1 OR BETTER

**PLANT SCHEDULE**

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	MIN. SIZE	CONDITION	NATIVE	HARDINESS
⊗	Juniperus silocota 'Brodie'	Brodie Red Cedar	22	15 Gal, 8-9' H	Cont.	Yes	8a - 10b

**PARKING STALL ANALYSIS**

EXISTING STANDARD STALLS UTILIZED AS A RESULT OF THIS PROJECT	12
PROPOSED TESLA STALLS	12
PROPOSED STANDARD STALLS	0
NET STALL COUNT	-3



**CONSTRUCTION KEYNOTES AND LEGEND**

- PROPOSED PAD MOUNTED ELECTRICAL UTILITY TRANSFORMER (BY UTILITY). CONTRACTOR SHALL PROVIDE CONCRETE PAD PER UTILITY SPECIFICATIONS. COORDINATE FINAL LOCATION WITH UTILITY. SEE ELECTRICAL PLANS FOR PROPOSED ROUTING.
- PROPOSED EQUIPMENT CLEAR SPACE (TYPICAL).
- PROPOSED ELECTRIC METER MOUNTED TO H-FRAME PER ELECTRIC COMPANY SPECIFICATIONS AND DETAILS ON ELECTRICAL SHEETS.
- PROPOSED SWITCHGEAR ASSEMBLY PER ELECTRICAL DRAWINGS WITH INTEGRATED MASTER CONTROLLER. SEE SHEET C-3 FOR ANCHORAGE DETAIL.
- PROPOSED TESLA CHARGE POST WITH INDIVIDUAL CONTINUOUS CURB FOUNDATION (TYPICAL OF 12). SEE DETAILS ON SHEET C-3.
- PROPOSED TESLA MCCURE FLEX BOLLARD SUPPLIED BY TESLA MOUNTED ON CONTINUOUS CURB FOUNDATIONS (TYPICAL OF 11).
- PROPOSED TESLA CHARGING CABINET (TYPICAL OF 3). SEE DETAILS ON SHEETS C-3.
- PROPOSED CONCRETE PAD. SEE DETAIL ON SHEET C-3.
- PROPOSED PAINTED 4" WIDE SOLID WHITE STRIPE. SEE PAVEMENT MARKING NOTES ON SHEET GN-1.
- PROPOSED PAINTED 4" WIDE WHITE TRANSVERSE STRIPING. STRIPING SHALL BE 3'-0" O.C. SEE PAVEMENT MARKING NOTES ON SHEET GN-1 AND DETAIL ON SHEET C-3.
- PROPOSED 6" CONCRETE CURB. SEE DETAIL ON SHEET C-4.
- ALL DISTURBED AREAS NOT TO BE PAVED OR LAWN SHALL BE MULCHED PER LANDSCAPE NOTES ON SHEET GN-1.
- EXISTING UNDERGROUND IRRIGATION LINE TO BE RELOCATED, AS NECESSARY.
- PROPOSED ADA PARKING SIGN MOUNTED IN BOLLARD SUPPLIED BY TESLA. SEE DETAIL ON SHEET C-4.
- PROPOSED LIGHT POLE (TYPICAL OF 2). SEE DETAIL ON SHEET C-4. SEE ELECTRICAL DRAWINGS FOR POLE AND FIXTURE SPECIFICATIONS AND WIRING.
- PROPOSED 6" FLUSH CONCRETE CURB. SEE DETAIL ON SHEET C-4.
- PROPOSED PAVEMENT MARKING TO READ "NO PARKING" IN WHITE LETTERS, 12 INCHES.
- PROPOSED PAVEMENT MARKING TO READ "EV CHARGING ONLY" IN WHITE LETTERS, 12 INCHES.
- ALL DISTURBED LAWN AREAS SHALL BE SODDED PER LANDSCAPE NOTES ON SHEET GN-1.
- PROPOSED SHRUB, SEE PLANT SCHEDULE.
- PROPOSED WHEELSTOP (TYPICAL OF 12). SEE DETAIL ON SHEET C-3.

- PROPOSED TRUNCATED DOMES WITH RAMP
- PROPOSED CONCRETE SIDEWALK. SEE DETAIL ON SHEET C-3. TRENCHING NOT INCLUDED
- PROPOSED ASPHALT PAVEMENT TO MATCH EXISTING IN TYPE AND DEPTH. INCLUDE ENGINEERED COMPACTED BACKFILL BELOW PAVEMENT SECTION. TRENCHING NOT INCLUDED
- EXISTING ACCESS EASEMENT
- EXISTING DRAINAGE EASEMENT
- EXISTING 16' A.E. AND P.U.E. EASEMENT

**NOTE:**

- THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THE PLAN ARE BASED ON FIELD SURVEYS. DUE TO THE LIMITATIONS IN TECHNOLOGY AND GROUND CONDITIONS, NOT ALL UNDERGROUND UTILITIES ARE ABLE TO BE LOCATED. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION.
- THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES SHALL BE PROTECTED AT ALL TIMES.

**GENERAL SHEET NOTES**

- CONTRACTOR SHALL REMOVE EXISTING PAVEMENT AND/OR CURB USING CLEAN SAWCUTS TO INSTALL PROPOSED UNDERGROUND CONDUITS AND REPLACE PAVEMENT AND/OR CURB AFTER CONDUITS HAVE BEEN INSTALLED. SEE ELECTRICAL SHEETS FOR CONDUIT ROUTING, APPROXIMATE CONDUIT RUN LENGTHS AND TRENCH DETAIL. CONTRACTOR SHALL MEET OR EXCEED EXISTING PAVEMENT COMPOSITION AND THICKNESS. NOTIFY TESLA OF ANY DISCREPANCIES PRIOR TO PERFORMING WORK.
- APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT AND WHERE PROPOSED ASPHALT MEETS EXISTING, INCLUDING SAW CUT JOINTS.
- PROPERTY LINE AND RIGHT-OF-WAY BOUNDARIES ARE SHOWN FOR REFERENCE ONLY. REFER TO SURVEY OR DESIGN DRAWINGS BY STANTEC, DATED 10/21/2021 FOR EXACT LOCATION.
- SEE STANTEC SURVEY FOR ALL APPLICABLE BENCHMARKS.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SLOPES AND GRADES PRIOR TO CONSTRUCTION. FINAL GRADES SHALL BE DETERMINED IN FIELD BY THE CONTRACTOR AND APPROVED BY THE CONSTRUCTION MANAGER.
- THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE TOWARDS THE NEAREST EXISTING DRAINAGE STRUCTURE AND ENSURE NO PONDING OCCURS ON SITE.
- CONTRACTOR SHALL ENSURE SLOPES OF PARKING STALL 1A AND ADJACENT TRANSVERSE STRIPED AREA CONFORM WITH ADA SLOPE REQUIREMENTS. NO SLOPE SHALL EXCEED 2% IN ANY DIRECTION WITHIN PARKING STALL 1A AND ADJACENT TRANSVERSE STRIPED AREA. CONTRACTOR SHALL REMOVE AND RE-GRADE PAVEMENT AS REQUIRED TO ACHIEVE NECESSARY SLOPES PER ADA ACCESSIBILITY REGULATIONS. CONTRACTOR SHALL VERIFY FINAL PAVEMENT MARKINGS IN ACCORDANCE WITH THE CURRENT ALPHAS REGULATIONS. Printed copies of this are not considered signed and sealed and the signature must be verified on any electronic copy.

REV.	DATE	DESCRIPTION
A	10/12/22	ISSUED FOR 80% REVIEW
B	11/17/22	ISSUED FOR SIGN & SEAL
C	2/17/23	REVISED S&S PER 2/17/23 AHJ COMMENTS

LEONARDO A. SFERRA  
 LICENSE No. 80859

**MAGNOLIA SQUARE APARTMENTS**  
 TESLA SUPERCHARGER STATION  
 5934 PREMIER WAY  
 NAPLES, FL 34109  
**SITE PLAN**

PROJECT MANAGER	DESIGNER
ZS	KSB

JOB NO.  
**2022141.65**

**C-2**

REV.	DATE	DESCRIPTION
A	10/12/22	ISSUED FOR 80% REVIEW
B	11/17/22	ISSUED FOR SIGN & SEAL
C	2/17/23	REVISED S&S PER 2/17/23 AHJ COMMENTS

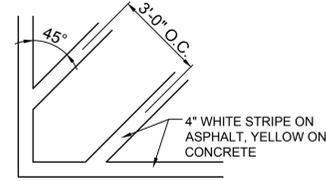
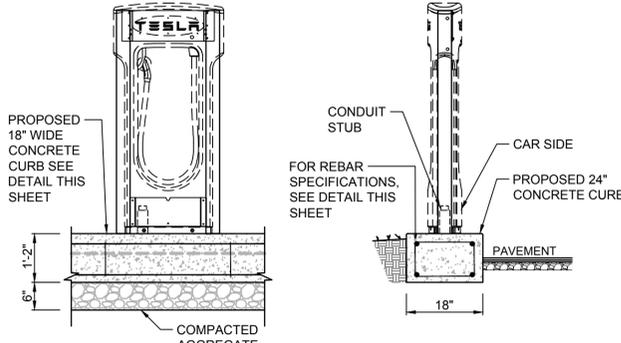
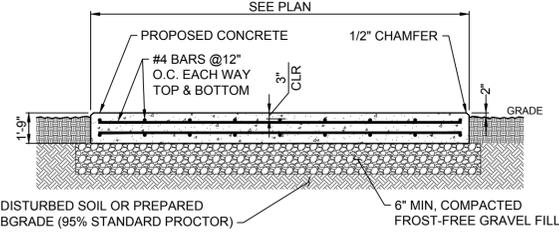
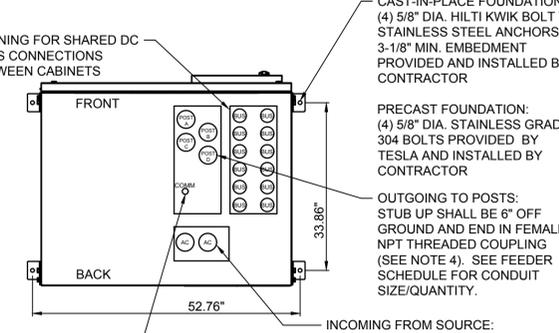
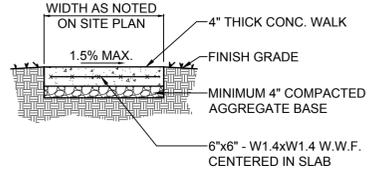
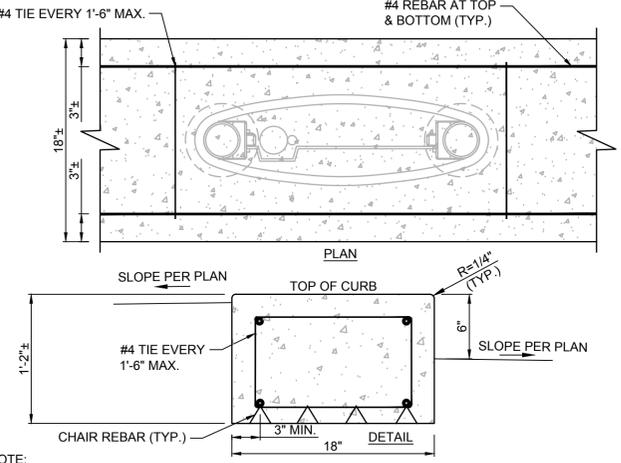
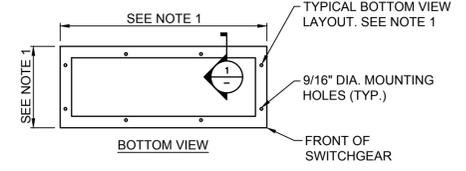
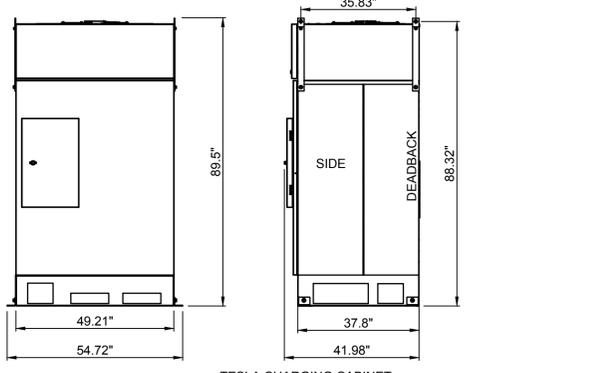
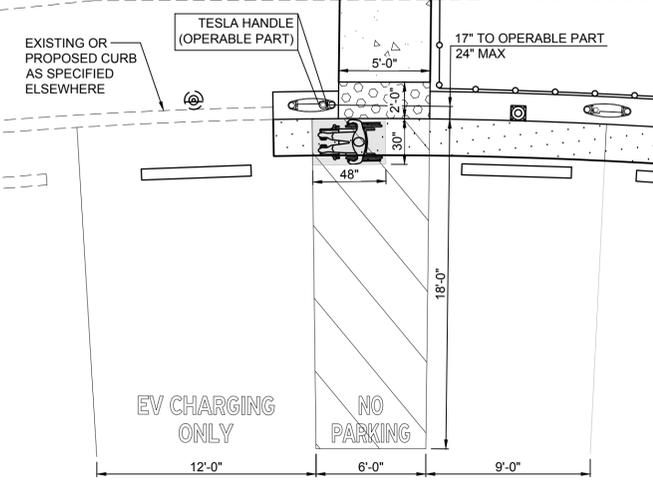
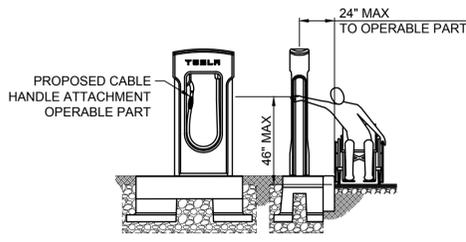
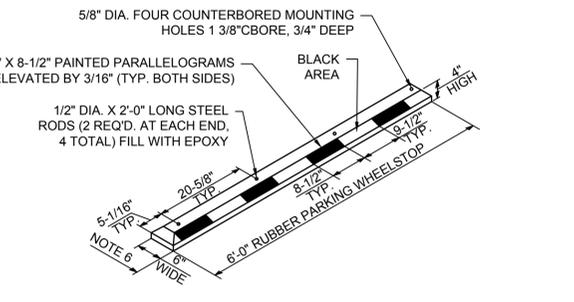
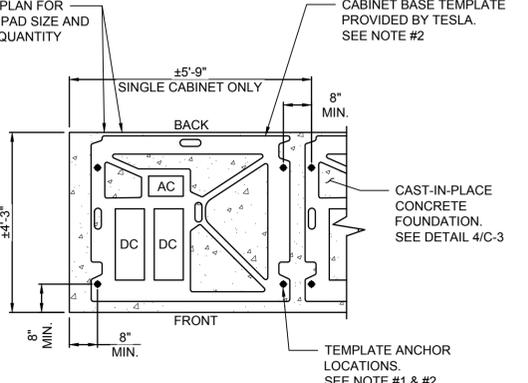
LEONARDO A. SFERRA  
LICENSE No. 80859  
  
02/17/23

**MAGNOLIA SQUARE APARTMENTS**  
TESLA SUPERCHARGER STATION  
5934 PREMIER WAY  
NAPLES, FL 34109

PROJECT MANAGER: ZS  
DESIGNER: KSB

JOB NO.  
**2022141.65**  
**C-3**

CIVIL DETAILS

 <p><b>NOTES:</b> 1. REFER TO PAVEMENT MARKING NOTES ON SHEET GN-1 FOR ADDITIONAL SPECIFICATIONS.</p>	<p><b>ANCHORING NOTES:</b></p> <p>ANCHORS: (4) 5/8" DIAMETER HILTI KWIK BOLT TZ STAINLESS STEEL ANCHORS, 3-1/8" EFFECTIVE EMBEDMENT MIN. 6" EDGE DISTANCE MIN. (ESR#1917)</p> <p>FASTENERS: (2) TOTAL 5/8" NUTS AND (2) TOTAL 5/8" WASHERS PER ANCHOR NUT AND WASHER MATERIAL TYPE TO MATCH ANCHOR MATERIAL (2) 5/8" NUT AND WASHER ABOVE BOLLARD FLANGE, (1) BELOW.</p> <p>CONTRACTOR TO PROTECT EXISTING CURB AND PAVEMENT DURING INSTALLATION OF CONCRETE FOUNDATION. REPAIR OR REPLACE AS REQUIRED.</p>  <p>PROPOSED 18" WIDE CONCRETE CURB SEE DETAIL THIS SHEET</p> <p>CONDUIT STUB FOR REBAR SPECIFICATIONS, SEE DETAIL THIS SHEET</p> <p>CAR SIDE</p> <p>PROPOSED 24" CONCRETE CURB</p> <p>PAVEMENT</p> <p>18"</p> <p>1'-2"</p> <p>6"</p> <p>COMPACTED AGGREGATE</p>	<p>SEE PLAN</p>  <p>UNDISTURBED SOIL OR PREPARED SUBGRADE (95% STANDARD PROCTOR)</p> <p>6" MIN. COMPACTED FROST-FREE GRAVEL FILL</p> <p><b>CONCRETE PAD NOTES &amp; CONCRETE SPECIFICATIONS:</b></p> <ol style="list-style-type: none"> <li>FOUNDATION AREA SHALL BE EXCAVATED TO THE DEPTH AND DIMENSIONS SHOWN ON THE PLANS. OTHER UNSUITABLE MATERIAL SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF-SITE. THE SUBGRADE SHALL BE ROLLED WITH A 1-TON, VIBRATORY, WALK-BEHIND ROLLER AT A SPEED OF LESS THAN 2 FPS, 6 PASSES MINIMUM, TO PROVIDE UNYIELDING SURFACE.</li> <li>UNDERCUT SOFT OR "WEAVING" AREAS A MINIMUM OF 12 INCHES DEEP. BACKFILL UNDERCUT AREA WITH FILL MEETING THE SPECIFICATIONS OF STRUCTURAL FILL.</li> <li>CONCRETE TO HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f<sub>c</sub>)=4500 psi.</li> <li>REINFORCING BAR TO BE ASTM A615 GRADE 60.</li> <li>ALL REINFORCING TO HAVE MINIMUM CONCRETE COVER PER ACI SPECIFICATIONS.</li> <li>ALL CONCRETE MATERIALS AND WORKMANSHIP SHALL CONFORM TO ACI 318-14 AND APPLICABLE STATE BUILDING CODE.</li> <li>PAD SHALL BE A MINIMUM OF 1'-9" IN THICKNESS. THICKNESS OF PAD SHALL INCREASE AS THE PERIMETER SOIL SURFACE SLOPES TO MAINTAIN A MINIMUM OF 1'-7" OF SOIL COVER TO THE BOTTOM OF THE PAD.</li> </ol>	<p><b>NOTE:</b></p> <ol style="list-style-type: none"> <li>TESLA PROVIDED TEMPLATE PLATE TO BE USED TO LAYOUT CHARGING CABINET ANCHORING BOLT LOCATIONS AND CONDUIT STUB UP LOCATIONS.</li> <li>BOLT HOLES FOR REFERENCE ONLY.</li> <li>USE DOTTIE DUCT SEAL COMPOUND PC 6130 (CAT NO LHD1) TO SEAL ENDS OF CONDUIT (TYP. ALL CONDUITS FOR CHARGING CABINETS AND CHARGE POSTS)</li> <li>USE BELL FITTINGS ON ALL AC AND DC CONDUIT STUBS</li> <li>SEE DETAIL THIS SHEET FOR FOUNDATION DETAIL IF APPLICABLE</li> </ol>  <p>OPENING FOR SHARED DC BUSS CONNECTIONS BETWEEN CABINETS</p> <p>CAST-IN-PLACE FOUNDATION: (4) 5/8" DIA. HILTI KWIK BOLT TZ STAINLESS STEEL ANCHORS, 3-1/8" MIN. EMBEDMENT PROVIDED AND INSTALLED BY CONTRACTOR</p> <p>PRECAST FOUNDATION: (4) 5/8" DIA. STAINLESS GRADE 304 BOLTS PROVIDED BY CONTRACTOR</p> <p>OUTGOING TO POSTS: STUB UP SHALL BE 6" OFF GROUND AND END IN FEMALE NPT THREADED COUPLING (SEE NOTE 4). SEE FEEDER SCHEDULE FOR CONDUIT SIZE/QUANTITY.</p> <p>INCOMING FROM SOURCE: (2) AC CONDUITS. STUB UP SHALL BE 6" OFF GROUND AND END IN FEMALE NPT THREADED COUPLING (SEE NOTE 4). SEE FEEDER SCHEDULE FOR CONDUIT SIZE/QUANTITY.</p> <p>1" AC CONDUIT FOR MASTER CONTROLLER COMMUNICATION CABLE</p>
<p>P.C.C. WALK</p> <p><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>CONTRACTOR SHALL INSTALL 1/2" PRE-FORMED EXPANSION JOINT MATERIAL AND JOINT SEALER WHERE PAVEMENT ABUTS BUILDING.</li> <li>SEE GENERAL NOTES SHEET FOR CONCRETE AND REINFORCEMENT SPECIFICATIONS</li> </ol>  <p>WIDTH AS NOTED ON SITE PLAN</p> <p>4" THICK CONC. WALK</p> <p>1.5% MAX.</p> <p>FINISH GRADE</p> <p>MINIMUM 4" COMPACTED AGGREGATE BASE</p> <p>6"x6" - W1.4xW1.4 W.W.F. CENTERED IN SLAB</p>	<p>#4 TIE EVERY 1'-6" MAX.</p> <p>#4 REBAR AT TOP &amp; BOTTOM (TYP.)</p>  <p>PLAN</p> <p>TOP OF CURB</p> <p>DETAIL</p> <p>CHAIR REBAR (TYP.)</p> <p>3" MIN.</p> <p>18"</p> <p>1'-2"±</p> <p>SLOPE PER PLAN</p> <p>RE=1/4" (TYP.)</p> <p>SLOPE PER PLAN</p> <p>NOTE:</p> <ol style="list-style-type: none"> <li>SEE CURB LENGTH ON SITE PLAN.</li> <li>CHARGING POSTS AND PROPOSED FOUNDATION SHALL FOLLOW GRADE AS EVENLY AS POSSIBLE.</li> <li>REINFORCING BAR TO BE ASTM A615 GRADE 60.</li> <li>ALL REINFORCING TO HAVE MINIMUM CONCRETE COVER PER ACI SPECIFICATIONS.</li> <li>ALL CONCRETE MATERIALS AND WORKMANSHIP SHALL CONFORM TO ACI 318-14 AND APPLICABLE STATE BUILDING CODE.</li> </ol>	<p>CONCRETE PAD DETAIL</p>  <p>SEE NOTE 1</p> <p>TYPICAL BOTTOM VIEW LAYOUT. SEE NOTE 1</p> <p>9/16" DIA. MOUNTING HOLES (TYP.)</p> <p>FRONT OF SWITCHGEAR</p> <p>DETAIL 1</p> <p>PROPOSED SWITCHGEAR ASSEMBLY CABINET</p> <p>HEAVY DUTY NUT</p> <p>BELLEVILLE WASHER</p> <p>PROPOSED 1/2" HILTI KWIK BOLT TZ STAINLESS STEEL ANCHOR 3-1/4" EFFECTIVE EMBEDMENT MIN. (ESR#1917)</p> <p>PROPOSED CONCRETE SLAB</p> <p><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>REFER TO SWITCHGEAR MANUFACTURER DRAWINGS FOR MOUNTING HOLE LOCATIONS, SWITCHGEAR BAY DIMENSIONS, AND BASE CHANNEL DIMENSIONS.</li> <li>MINIMUM EDGE DISTANCE FOR PROPOSED ANCHORAGE SHALL BE 8".</li> </ol>	<p>TESLA CHARGING CABINET ANCHOR BOLT PLAN</p>  <p>ENCLOSURE: INGRESS PROTECTION IP66 WEIGHT: 1110 kg, 2448 lbs. COMPLIANCE: UL 2202</p> <p><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>CABINET SHOULD BE LIFTED USING ROOF MOUNTED EYE HOOKS. A FORKLIFT OR PALLET JACK CAN ALSO BE USED TO MOVE CABINET IF DONE PROPERLY.</li> <li>VERIFY CABINET PART# AND ASSOCIATED DIMENSIONS PRIOR TO CONSTRUCTION</li> </ol>
<p>ACCESSIBLE SIDE REACH PLAN</p>  <p>EV CHARGING ONLY</p> <p>NO PARKING</p> <p>12'-0"</p> <p>6'-0"</p> <p>9'-0"</p> <p>18'-0"</p> <p>5'-0"</p> <p>17'-0" TO OPERABLE PART 24" MAX</p> <p>48"</p> <p>30"</p> <p>EXISTING OR PROPOSED CURB AS SPECIFIED ELSEWHERE</p> <p>TESLA HANDLE (OPERABLE PART)</p>	<p>ACCESSIBLE SIDE REACH ELEVATION</p>  <p>PROPOSED CABLE HANDLE ATTACHMENT OPERABLE PART</p> <p>24" MAX TO OPERABLE PART</p> <p>46" MAX</p> <p>THIS ELEVATION IS A REFERENCE TO THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN; SEE SECTION 308, FIGURE 308.3.2(b), OBSTRUCTED SIDE REACH, 46" MAX REACH HEIGHT.</p>	<p>RUBBER WHEELSTOP</p>  <p>5/8" DIA. FOUR COUNTERBORED MOUNTING HOLES 1 3/8" CBORE, 3/4" DEEP</p> <p>4" X 8-1/2" PAINTED PARALLELOGRAMS ELEVATED BY 3/16" (TYP. BOTH SIDES)</p> <p>BLACK AREA</p> <p>1/2" DIA. X 2'-0" LONG STEEL RODS (2 REQ'D. AT EACH END, 4 TOTAL) FILL WITH EPOXY</p> <p>8-1/2" TYP.</p> <p>6'-0" RUBBER PARKING WHEELSTOP</p> <p>5'-1/16" TYP.</p> <p>20-5/8" TYP.</p> <p>NOTE 6</p> <p>4" HIGH</p> <p><b>WHEELSTOP NOTES:</b></p> <ol style="list-style-type: none"> <li>MATERIAL: COMPRESSION MOLDED RUBBER COMPOSITE.</li> <li>NOMINAL DIMENSIONS: 72" L X 6" W X 4" H.</li> <li>NOMINAL WEIGHT: 34 LBS.</li> <li>COLOR: BLACK WITH REFLECTIVE WHITE STRIPES.</li> <li>WHEN APPLICABLE IN PARKING GARAGES, WHEELSTOP SHALL BE ANCHORED TO CONCRETE FLOOR WITH HDI+ 1/4" DROP-IN ANCHORS, 1" EMBEDMENT W/ 1/4" THREADED ROD. CONTRACTOR SHALL X-RAY SLAB TO FIELD VERIFY EXISTING REINFORCEMENT LOCATIONS BEFORE DRILLING. CONTRACTOR SHALL TAKE GREAT CARE TO ENSURE AT LEAST 1" GAP BETWEEN ANCHORS AND EXISTING REINFORCEMENT &amp; STRESSING TENDONS.</li> <li>SEE PLAN VIEW FOR DIMENSION TO SPECIFIED OBSTRUCTION. PROVIDE 3'-0" MIN.</li> </ol>	<p>TESLA CHARGING CABINET DIMENSIONS</p>  <p>SEE SITE PLAN FOR OVERALL PAD SIZE AND CABINET QUANTITY</p> <p>CABINET BASE TEMPLATE PROVIDED BY TESLA. SEE NOTE #2</p> <p>CAST-IN-PLACE CONCRETE FOUNDATION. SEE DETAIL 4/C-3</p> <p>TEMPLATE ANCHOR LOCATIONS. SEE NOTE #1 &amp; #2</p> <p><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>CHARGING CABINET SHALL BE ANCHORED TO CAST-IN-PLACE FOUNDATION WITH (4) 5/8" DIA. HILTI KWIK BOLT TZ STAINLESS STEEL ANCHORS, 3-1/8" MIN. EMBEDMENT, PROVIDED AND INSTALLED BY CONTRACTOR. PROVIDE 8" MIN. EDGE DISTANCE AND 8" MIN. BOLT SPACING.</li> <li>CHARGING CABINET BASE TEMPLATE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL COORDINATE WITH TESLA FOR EXACT DIMENSIONS AND SPECIFICATIONS.</li> </ol>

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February 17, 2023 1:17 PM - amichel

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REV.	DATE	DESCRIPTION
A	10/12/22	ISSUED FOR 90% REVIEW
B	11/17/22	ISSUED FOR SIGN & SEAL
C	2/17/23	REVISED S&S PER 2/17/23 AHJ COMMENTS

LEONARDO A. SFERRA  
LICENSE No. 80859



02/17/23

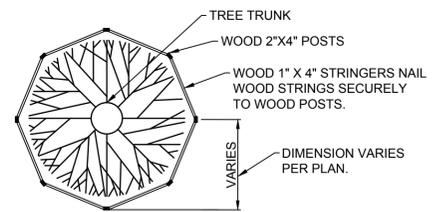
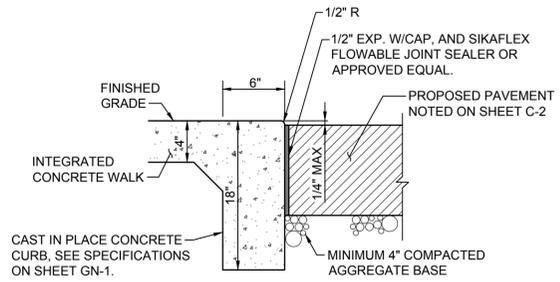
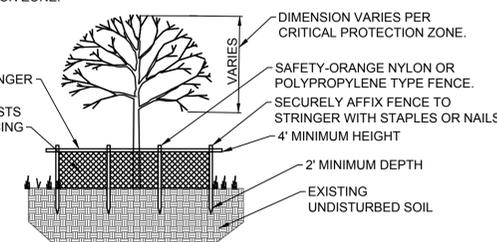
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TESLA SUPERCHARGER STATION  
5934 PREMIER WAY  
NAPLES, FL 34109

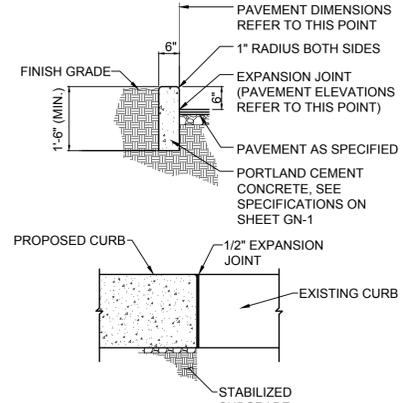
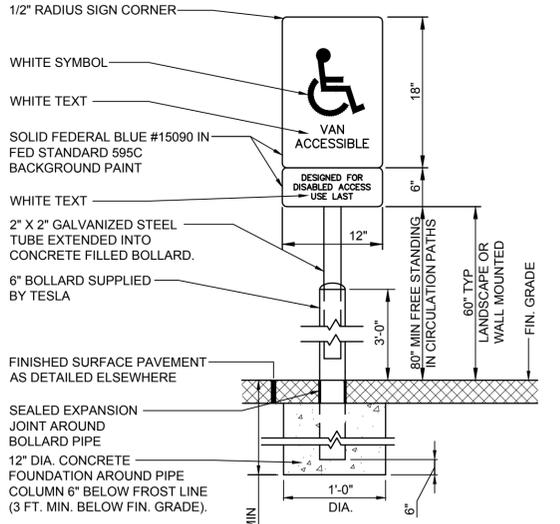
CIVIL DETAILS

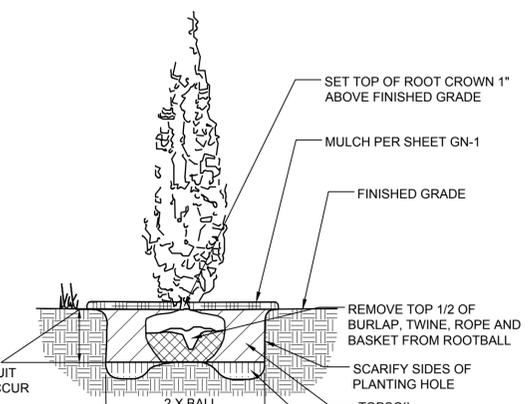
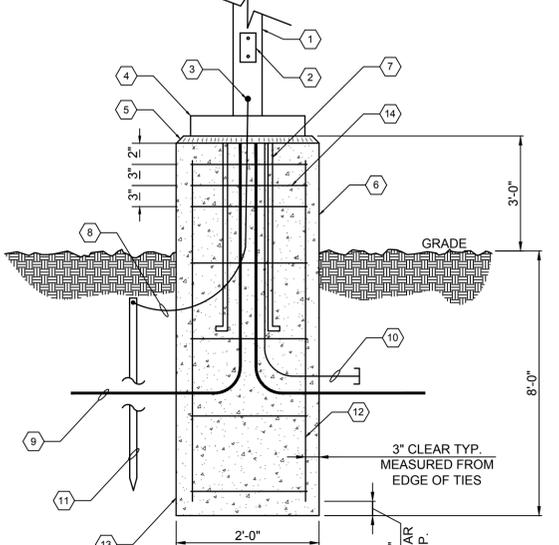
PROJECT MANAGER	DESIGNER
ZS	KSB

JOB NO.  
**2022141.65**

**C-4**

		 <p>TREE TRUNK WOOD 2"x4" POSTS WOOD 1" X 4" STRINGERS NAIL WOOD STRINGERS SECURELY TO WOOD POSTS. DIMENSION VARIES PER PLAN.</p>	 <p>1/2" R 1/2" EXP. W/CAP. AND SIKAFLEX FLOWABLE JOINT SEALER OR APPROVED EQUAL. PROPOSED PAVEMENT NOTED ON SHEET C-2 FINISHED GRADE 6" INTEGRATED CONCRETE WALK 1/4" MAX CAST IN PLACE CONCRETE CURB. SEE SPECIFICATIONS ON SHEET GN-1. MINIMUM 4" COMPACTED AGGREGATE BASE</p>
		<p>NOTE: FOR GROUPS OF TREES PLACE BARRICADES BETWEEN TREES AND CONSTRUCTION ACTIVITY.</p> <p>*TREE PROTECTIONS BARRICADES SHALL BE LOCATED TO PROTECT A MINIMUM OF 75% OF THE CRITICAL PROTECTION ZONE.</p>  <p>1"x4" MINIMUM STRINGER 2"x4" MINIMUM POSTS 12' MAXIMUM SPACING DIMENSION VARIES PER CRITICAL PROTECTION ZONE. SAFETY-ORANGE NYLON OR POLYPROPYLENE TYPE FENCE. SECURELY AFFIX FENCE TO STRINGER WITH STAPLES OR NAILS. 4' MINIMUM HEIGHT 2' MINIMUM DEPTH EXISTING UNDISTURBED SOIL</p>	<p>NOTES:</p> <ol style="list-style-type: none"> <li>REFER TO GENERAL NOTES ON SHEET GN-1 FOR CONCRETE SPECIFICATION.</li> <li>SIDEWALK WIDTH AS SHOWN ON SHEET C-2.</li> </ol>
DETAIL NOT USED	N.T.S. 10	DETAIL NOT USED	N.T.S. 7
		TREE PROTECTION FENCE DETAIL	N.T.S. 4
			FLUSH CONCRETE CURB AND INTEGRATED WALK
			N.T.S. 1

	 <p>PAVEMENT DIMENSIONS REFER TO THIS POINT 6" 1" RADIUS BOTH SIDES EXPANSION JOINT (PAVEMENT ELEVATIONS REFER TO THIS POINT) 1'-6" (MIN.) PAVEMENT AS SPECIFIED PORTLAND CEMENT CONCRETE. SEE SPECIFICATIONS ON SHEET GN-1 PROPOSED CURB 1/2" EXPANSION JOINT EXISTING CURB STABILIZED SUBGRADE <b>CURB TO CURB JOINT DETAIL</b></p> <p>NOTE: CONTRACTOR TO ASSESS EXISTING CURBS AND INSTALL PROPOSED CURBS TO MATCH. ABOVE DETAILS TO BE USED AS MINIMUM STANDARDS.</p>	<p>KEYED NOTES</p> <ol style="list-style-type: none"> <li>POLE TO MATCH EXISTING IN HEIGHT, TYPE AND COLOR.</li> <li>HAND HOLE</li> <li>GROUND LUG</li> <li>BOLT COVER</li> <li>3/4" CHAMFER</li> <li>RUB CONCRETE TO REMOVE SONOTUBE FORM LINES AND FILL ALL HOLES FOR SMOOTH FINISH. WEATHERSEAL ALL EXPOSED CONCRETE.</li> <li>ANCHOR BOLTS SUPPLIED WITH POLE. INSTALL PER POLE VENDOR DRAWINGS.</li> <li>#6 CU. BARE GROUND CONDUCTOR</li> <li>BRANCH CIRCUIT WIRING IN CONDUIT AT 24" (MINIMUM) BELOW GRADE</li> <li>1" SPARE CONDUIT STUBBED INTO POLE BASE &amp; CAPPED 12" FROM BASE</li> <li>3/4"x10'-0" CU. CLAD GROUND ROD</li> <li>(6) #6 REBAR (VERTICAL) TIE-WIRED TO #4 REBAR TIES AT 12" ON CENTER, U.N.O.</li> <li>REINFORCED CONCRETE, 4500 PSI COMPRESSIVE STRENGTH</li> <li>ADDITIONAL #4 REBAR TIES @ 3" ON CENTER</li> </ol>	 <p>1/2" RADIUS SIGN CORNER WHITE SYMBOL WHITE TEXT SOLID FEDERAL BLUE #15090 IN FED STANDARD 595C BACKGROUND PAINT WHITE TEXT 2" X 2" GALVANIZED STEEL TUBE EXTENDED INTO CONCRETE FILLED BOLLARD. 6" BOLLARD SUPPLIED BY TESLA FINISHED SURFACE PAVEMENT AS DETAILED ELSEWHERE SEALED EXPANSION JOINT AROUND BOLLARD PIPE 12" DIA. CONCRETE FOUNDATION AROUND PIPE COLUMN 6" BELOW FROST LINE (3 FT. MIN. BELOW FIN. GRADE). 3'-0" MIN 1'-0" DIA. 6" 3'-0" 80" MIN FREE STANDING IN CIRCULATION PATHS 60" TYP LANDSCAPE OR WALL MOUNTED FIN. GRADE</p> <p>NOTES:</p> <ol style="list-style-type: none"> <li>CONTRACTOR SHALL VERIFY SIGN WITH LOCAL AND ADA REQUIREMENTS AND SPECIFICATIONS BEFORE INSTALLATION. LOCAL JURISDICTION SIGN REQUIREMENTS SHALL TAKE PRECEDENCE OVER THIS DETAIL.</li> <li>SIGNS SHALL BE LOCATED SO THAT THEY CANNOT BE OBTSCURED BY A VEHICLE PARKED IN THE SPACE.</li> <li>BOLLARD TO BE REMOVED IF SIGN POST IS OUT OF VEHICULAR PATH OR PARKING SPACE. WHEN NOT USING BOLLARD FOUNDATION THE SIGN POST SHALL BE EMBEDDED 3'-6" IN A 12" DIA. CONCRETE FOOTING 4'-0" DEEP (0.12 CU. YDS. OF CONCRETE REQUIRED).</li> <li>SIGN TO BE PROVIDED AT ALL ACCESSIBLE PARKING SPACES AS PER ADA REGULATIONS.</li> <li>IF SIGN IS MOUNTED TO BUILDING, THE BOTTOM OF THE VAN ACCESSIBLE SIGN SHALL BE 5'-0" FROM THE FINISH GRADE.</li> </ol> <p>*This file was signed electronically by <u>L. Sferra</u> 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.*</p>
DETAIL NOT USED	N.T.S. 8	P.C.C. CURB DETAIL	N.T.S. 8

	 <p>SET TOP OF ROOT CROWN 1" ABOVE FINISHED GRADE MULCH PER SHEET GN-1 FINISHED GRADE REMOVE TOP 1/2 OF BURLAP, TWINE, ROPE AND BASKET FROM ROOTBALL SCARIFY SIDES OF PLANTING HOLE TOPSOIL BREAK 6" SUB-SOIL AS NECESSARY 1' MAX. DEPTH WHERE CONDUIT CONFLICTS OCCUR 2 X BALL</p> <p>GENERAL NOTES:</p> <ol style="list-style-type: none"> <li>PRUNE ROOTS IF BALL IS ROOTBOUND. REMOVE ALL CONTAINERS AND NON-BIODEGRADABLE BURLAP. WHEN BACKFILLING PLANT PIT, PLACE PLANTING SOIL IN TWO LIFTS. AFTER FIRST LIFT, PUDDLE SOIL IN WITH WATER TO REMOVE ALL AIR POCKETS. PLACE SECOND LIFT AND CONTINUE TO PUDDLE AND FILL AS NECESSARY.</li> <li>CONTRACTOR SHALL LOCATE NEW CHARGE POST CONDUITS PRIOR TO INSTALLING TREES AND SHRUBS. PLANT INSTALLATION SHALL NOT DAMAGE CONDUIT.</li> </ol>	 <p>3'-0" 8'-0" 2'-0" DIA. 3" CLEAR TYP. MEASURED FROM EDGE OF TIES 3" CLEAR TYP.</p>	<p>ADDITIONAL #4 REBAR TIES @ 3" ON CENTER</p>
DETAIL NOT USED	N.T.S. 11	SHRUB PLANTING DETAIL	N.T.S. 9
		LIGHT POLE FOUNDATION DETAIL	N.T.S. 6
			ADA VAN ACCESSIBLE SIGN
			N.T.S. 3