SUPERCHARGING STATION
EAST TOWNE MALL
WI001_MADISON
89 EAST TOWNE MALL
MADISON, WI 53704

DRIVING DIRECTIONS FROM DANE COUNTY REGIONAL AIRPORT
HEAD NORTH ON INTERNATIONAL LANE FOR 1.3 MILES, TURN LEFT ONTO ANDERSON STREET FOR 1.4 MILES, TURN RIGHT ONTO NORTH STOCKTON ROAD FOR 0.3 MILES, TURN LEFT ONTO EAST WASHINGTON AVENUE FOR 1.1 MILES, TURN RIGHT ONTO INDEPENDENCE LANE FOR 450 FEET, TURN RIGHT FOR 64 FEET, ARRIVE AT TOWNE MALL.

FLOOD HAZARD AREA NOTE
THIS SITE IS LOCATED IN FLOOD ZONE "X". NO BASE FLOOD ELEVATION AREA DETERMINED TO BE OUTSIDE 500-YEAR FLOOD PLAIN.

DO NOT SCALE DRAWINGS
CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

ENGINEER OF RECORD
ROBLEY (AARON) EVANS
PE # 37252-586
BLACK & VEATCH CORPORATION

MOTOR'S, INC.
179056
NMB
MBG
A
06/27/13
ISSUED FOR 30% REVIEW
B
06/28/13
ISSUED FOR 90% REVIEW
C
07/19/13
REISSUED FOR 90% REVIEW
D
07/29/13
REISSUED FOR 30% REVIEW
E
07/29/13
REISSUED FOR 30% REVIEW
F
07/31/13
REISSUED FOR 90% REVIEW
G
08/12/13
ISSUED FOR 100% REVIEW

UNDERGROUND SERVICE ALERT
UTILITY NOTIFICATION CENTER OF WISCONSIN
811 OR 1-800-242-8511
3 WORKING DAYS UTILITY NOTIFICATION PRIOR TO CONSTRUCTION

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

T-1
TITLE SHEET & PROJECT DATA

T-2
TITLE SHEET & PROJECT DATA

T-3
TITLE SHEET & PROJECT DATA

T-4
TITLE SHEET & PROJECT DATA

T-5
TITLE SHEET & PROJECT DATA

T-6
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TITLE SHEET & PROJECT DATA

T-9
TITLE SHEET & PROJECT DATA

T-10
TITLE SHEET & PROJECT DATA
ALL ELECTRICAL CIRCUITS INSTALLED SHALL UTILIZE (THWN-2) CONDUCTOR AND SHEATHING.

WITHIN INSTALLED CONDUIT TO ALLOW FOR IDENTIFICATION OF UNDERGROUND CONDUITS.

EXISTING SERVICES: CONTRACTOR SHALL NOT INTERRUPT EXISTING SERVICES WITHOUT "CAUTION BURIED ELECTRIC". CONTRACTOR SHALL PLACE TWO LENGTHS OF WARNING TAPE AT A DEPTH OF 12" BELOW F. NFPA - NATIONAL FIRE CODES
E. SBC - STANDARD BUILDING CODE
CONNECTORS FOR POWER CONDUCTORS: CONTRACTOR SHALL USE PRESSURE TYPE INSULATION, 600 VOLT, COLOR CODED. UNLESS SPECIFIED DIFFERENT ON DRAWINGS.

SUPPORT OF ALL ELECTRICAL WORK SHALL BE AS REQUIRED BY NEC.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS CONTRACTORS TO THE SITE AND/OR BUILDING.

CONTRACTORS SHALL THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF THE PROPOSED FACILITY WILL BE UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR ELECTRICAL NOTES CONT.

THE ELECTRICAL CONTRACTOR SHALL LABEL ALL PANELS WITH ONLY TYPEWRITTEN DESCRIPTION.

THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.

MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE PROVIDED BY BLACK & VEATCH.

WIRING INSTALLATIONS TO THE JOB SITE AND FAMILIARIZE HIMSELF WITH ANY/ALL ACTIONS TO BE TAKEN.

CONTRACTOR SHALL LEAVE PREMISES IN A CLEAN CONDITION.

Ditching and backfill: Contractor shall provide for all underground installed conduit and/or cables including excavaion and backfilling and compaction. Refer to notes and requirements 'excavation, and backfilling.'

1. ELECTRICAL CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH ALL APPROPRIATE CODES, REGULATIONS, AND ORDINANCES. GENERAL CONTRACTOR SHALL ISSUE WORK SHALL CONFIRM TO ALL OSHA REQUIREMENTS AND THE LOCAL JURISDICTION.

THE ATTENTION OF THE CONSTRUCTION MANAGER, PRIOR TO BEGINNING ANY WORK.

THE GENERAL CONTRACTOR, PRIOR TO PROCEEDING WITH THE WORK.

CONTRACTORS SHALL UNSCHEDULED題目. ADDITIONAL CHARGE AND SHALL INCLUDE THE REPLACEMENT OR THE REPAIR OF ANY OTHER PHASE OF THE WORK.

MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE PROVIDED BY BLACK & VEATCH.

THE ATTENTION OF THE CONSTRUCTION MANAGER, PRIOR TO BEGINNING ANY WORK.

THE ATTENTION OF THE CONSTRUCTION MANAGER, PRIOR TO BEGINNING ANY WORK.
GENERAL SITE WORK AND DRAINAGE NOTES CONT.

PART 2 - PRODUCTS

2.1. SUITABLE BACKFILL: ASTM D3213 (CLASS I, II, III OR IV) FREE FROM FROZEN LUMPS, REFUSE, STONES OR ROCKS LARGER THAN 3 INCHES IN ANY DIMENSION OR OTHER MATERIAL THAT MAY MAKE THE INORGANIC MATERIAL UNSUITABLE FOR BACKFILL.

2.2. NON-POROUS GRANULAR EMBANKMENT AND BACKFILL: ASTM D3213 (CLASS II: III, IV OR IVR) COARSE AGGREGATE FREE FROM FROZEN LUMPS, REFUSE, STONES OR ROCKS LARGER THAN 3 INCHES IN ANY DIMENSION OR OTHER MATERIAL THAT MAY MAKE THE INORGANIC MATERIAL UNSUITABLE FOR BACKFILL.

2.3. PORSOUS GRANULAR EMBANKMENT AND BACKFILL: ASTM D3213 (CLASS II, III: IV OR IVR) COARSE AGGREGATE FREE FROM FROZEN LUMPS, REFUSE, STONES OR ROCKS LARGER THAN 3 INCHES IN ANY DIMENSION OR OTHER MATERIAL THAT MAY MAKE THE INORGANIC MATERIAL UNSUITABLE FOR BACKFILL.

2.4. SELECT STRUCTURAL FILL: GRANULAR FILL MATERIAL MEETING THE REQUIREMENTS OF ASTM D6941 FREE USE UNDER AND UNDER STRUCTURES WHERE STRUCTURAL FILL MATERIAL ARE REQUIRED.

2.5. GRANULAR BEDDING AND TREND BACKFILL: WELL-GRADED SAND MEETING THE GRADATION REQUIREMENTS OF ASTM C144 (GR-S/5, 200, 400).

2.6. COARSE AGGREGATE FOR ACCESS ROAD SUBBASE CONSTRUCTION SHOULD CONFORM TO ASTM D949.

2.7. UNSTABLE MATERIAL: HIGH AND MODERATELY PLASTIC Silt and Clay (CL:SM), Material containing refuse, frozen lumps, demolished bituminous material, vegetative waste, wood, stones in excess of 3 inches in dimension and debris as determined by the construction manager. Typical these will be soils classified by ASTM D2487, MH, CH, MH and ML.

2.8. FIELD TESTING OF EARTHWORK COMPACTION AND CONCRETE CYLINDERS SHALL BE PERFORMED FOLLOWING THE LAST APPLICABLE WORK OPERATION TO A DEPTH OF NO LESS THAN 4 INCHES FROM CLEARING, GRUBBING AND DEMOLITION WORK COMPLETELY WITH SUITABLE FILL. CARRY OUT THE GENERAL INSPECTION OF THE WORK WITH SPECIFIC CONCERN TO PROPER COMPACTION OF THE MATERIALS. THE WORK AREA SHALL BE CONSTRUCTED AND MAINTAINED IN SUCH CONDITION THAT THE SITE CAN BE GRADED TO THE REQUIRED FINISHED HEIGHT AND CURVATURE UPON COMPLETION OF THE CURB AND GUTTER WORK.

3.1 GENERAL:

3.1.1. BEFORE STARTING GENERAL SITE PREPARATION ACTIVITIES, INSTALL ERECTION AND SEDIMENT CONTROL MEASURES. THE WORK AREA SHALL BE CONSTRUCTED AND MAINTAINED IN SUCH CONDITION THAT IN THE EVENT OF RAIN THE SITE WILL BE GRADED AT ANY TIME.

3.1.2. BEFORE ALL SURVEY, LAYOUT, STAKING, MARKING, ESTABLISH AND MAINTAIN ALL LINES, GRADES, ELEVATIONS AND BENCHMARKS NEEDED FOR EXECUTION OF THE WORK.

3.1.3. CLEAR AND GUE THE AREA WITHIN THE LIMITS OF THE SITE. REMOVE TREES, BRUSH, STUMPS, SHRUBS, PLANTS, VEGETATION AND ALL OTHER MATERIALS AS REQUIRED TO ACCOMPLISH THE WORK.

3.1.4. REMOVE THE FOLLOWING MATERIALS TO A DEPTH OF NO LESS THAN 12 INCHES BELOW THE ORIGINAL GROUND SURFACE: ROOTS, STUMPS, AND OTHER DEBRIS, BRUSH, AND REFUSE EMBEDDED OR PROTRUDING THROUGH THE GROUND SURFACE, ROCK, DIRT OR FLOOR THE AREA TO A DEPTH OF NO LESS THAN INCHES, AND REMOVE TO A DEPTH OF 12 INCHES ALL ROOTS AND OTHER DEBRIS THEREBY EXPOSED.

3.2. REMOVE TOPSOIL MATERIAL COMPLETELY FROM THE SURFACE UNTIL THE SOIL NO LONGER CONTAINS TOPSOIL. AVOID MIXING TOPSOIL WITH SUBSOIL OR OTHER UNDESIRABLE MATERIAL.

3.3. EXCEPT WHERE EXCAVATION TO GREATER DEPTH IS INDICATED, FILL DEPRESSIONS RESULTING FROM CLEARING, GRUBBING AND DEMOLITION WORK COMPLETELY WITH SUITABLE FILL.

3.4. REMOVE THE SITE AND DISPOSE OF IT IN AN APPROPRIATE LANDFILL. ALL DEBRIS RESULTING FROM CLEARING AND GRUBBING OPERATIONS WILL NOT BE BURNED.

3.5. PRIOR TO EXCAVATING, THOROUGHLY EXAMINE THE AREA TO BE EXCAVATED AND/OR TRENCHED TO VERIFY THE TRUE DEPTH OF FEATURES INDICATED ON THE DRAWINGS AND TO ASCERTAIN THE EXISTENCE AND LOCATION OF ANY STRUCTURE, UNDERGROUND SERVICE, OR OTHER ITEM NOT SHOWN OR NOT AKNOWLEDGED. MAKE THE INORGANIC MATERIAL UNSUITABLE FOR BACKFILL.

3.6. VERIFY THE TRUE DEPTH OF FEATURES INDICATED ON THE DRAWINGS AND TO ASCERTAIN THE EXISTENCE AND LOCATION OF ANY STRUCTURE, UNDERGROUND SERVICE, OR OTHER ITEM NOT SHOWN OR NOT NOTED OTHERWISE. MAKE THE INORGANIC MATERIAL UNSUITABLE FOR BACKFILL.
GENERAL NOTES 3

1. STRUCTURAL STEEL SHAPES, PLATES, AND BARS SHALL CONFORM TO ASTM A36. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B.

2. HIGH-STRENGTH BOLTS SHALL CONFORM TO ASTM A325. ONE HIGH-STRENGTH BOLT ASSEMBLY SHALL CONSIST OF A HEAVY HEX STRUCTURAL BOLT, A HEAVY NUT, A HARDENED WASHER CONFORMING TO ASTM A193, THE HARDENED WASHER SHALL BE INSTALLED AGAINST ELEMENT TURNED IN TIGHTENING. UNLESS NOTED OTHERWISE ON THE DRAWINGS, ALL CONNECTIONS SHALL BE BEARING TYPE CONNECTIONS.

3. WELDING ELECTRODES SHALL COMPLY WITH AWS D1.1 USING E6010 OR E6011 electrodes and shall be compatible with the welding process selected. Welders shall be qualified as prescribed in AWS D1.1.

4. UNLESS NOTED OTHERWISE ON THE DRAWING, ALL ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 WITH HEAVY HEXAGONAL NUT.

5. PRIMER SHALL BE RED OXIDE-CROMATE PRIME COMPLYING WITH STEEL STRUCTURES PAINTING COUNCIL (SSPC) PAINT SPECIFICATION NUMBER 11.

6. FABRICATE ITEMS OF STRUCTURAL STEEL IN ACCORDANCE WITH AISC SPECIFICATION AND AS INDICATED ON THE APPROVED SHOP DRAWINGS.

7. ALL EXPOSED STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED PER ASTM A123.

8. SUBMIT FABRICATION AND ERECTION DRAWINGS SHOWING ALL DETAILS, CONNECTIONS, MATERIAL DESIGNATIONS, AND ALL TOP OF STEEL ELEVATIONS FOR APPROVAL.
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06/27/13 ISSUED FOR 30% REVIEW
06/28/13 ISSUED FOR 90% REVIEW
07/19/13 REISSUED FOR 90% REVIEW
07/29/13 REISSUED FOR 30% REVIEW
07/29/13 REISSUED FOR 30% REVIEW
07/31/13 REISSUED FOR 90% REVIEW
08/12/13 ISSUED FOR 100% REVIEW

SEE PROPOSED SITE PLAN SHEET A-4

EXISTING LIGHT POLE (TYP)
EXISTING CONCRETE CURB (TYP)
EXISTING SITE ACCESS ROAD
EXISTING TREE (TYP)
EXISTING GRASSY AREA (TYP)
EXISTING PARKING LOT (TYP)

16'
12'
8'
4'
0
16'
32'

1/16"=1'-0"
EXISTING SITE PLAN

EXISTING BUS STOP SIGN POST

EXISTING CONCRETE CURB (TYP)

EXISTING LANDSCAPING (TYP)

EXISTING PARKING LOT (TYP)

EXISTING PARKING LINE (TYP)

EXISTING PARKING (TYP)

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EXISTING BUS STOP SIGN POST
EXISTING CONCRETE CURB TO BE REMOVED

LOCATION OF PROPOSED PENINSULA EXTENSION AND CHARGING STATIONS

REMOVE EXISTING PARKING LINE (TYP OF 8)

EXISTING CONCRETE CURB (TYP)
EXISTING LANDSCAPING (TYP)

EXISTING TREES TO BE REMOVED (TYP OF 2)
EXISTING PARKING STRIPE TO BE REMOVED
EXISTING ISLAND TO BE REMOVED

LOCATION OF PROPOSED UTILITY TRANSFORMER
LOCATION OF PROPOSED 6" CONCRETE CURB (TYP)

EXISTING PARKING LOT (TYP)
EXISTING PARKING LINE (TYP)

EXISTING ISLAND TO BE REMOVED
EXISTING TREES TO BE REMOVED (TYP OF 2)
EXISTING PARKING STRIPE TO BE REMOVED
EXISTING ISLAND TO BE REMOVED
LOCATION OF PROPOSED UTILITY TRANSFORMER
LOCATION OF PROPOSED 6" CONCRETE CURB (TYP)

EXISTING PARKING LOT (TYP)
EXISTING PARKING LINE (TYP)
It is a violation of law for any person, unless they are acting under the direction of a licensed professional engineer, to alter this document.
NOTE
1. FINAL LOCATION OF THE TESLA NON-ILLUMINATED PARKING SIGNS WILL BE DETERMINED AFTER CONSULTATION WITH THE PROPERTY OWNER AND VERIFICATION OF THE EXISTING PROPERTY LINE.

EXISTING SITE ACCESS ROAD
EXISTING PAVING LOT (TYP)
EXISTING GRASSY AREA (TYP)
EXISTING GRASSY AREA (TYP)
EXISTING TREE (TYP)
EXISTING TREE (TYP)

SEE SHEET A-4 FOR LOCALIZED SIGNAGE

1. FINAL LOCATION OF THE TESLA NON-ILLUMINATED PARKING SIGNS WILL BE DETERMINED AFTER CONSULTATION WITH THE PROPERTY OWNER AND VERIFICATION OF THE EXISTING PROPERTY LINE.

EXISTING ACCESS ROAD
EXISTING PAVING LOT (TYP)
EXISTING GRASSY AREA (TYP)
EXISTING GRASSY AREA (TYP)
EXISTING TREE (TYP)
EXISTING TREE (TYP)

SEE SHEET A-4 FOR LOCALIZED SIGNAGE

1. FINAL LOCATION OF THE TESLA NON-ILLUMINATED PARKING SIGNS WILL BE DETERMINED AFTER CONSULTATION WITH THE PROPERTY OWNER AND VERIFICATION OF THE EXISTING PROPERTY LINE.
NOTES:
1. SIGN FRAME TO BE NON-ILLUMINATED. PANELS & RETURNS TO BE 0.090" ALUMINUM PANELS WITH #680-82 RED REFLECTIVE VINYL APPLIED (VERIFY REFLECTIVITY WITH CUSTOMER).
2. POLE TO BE 2"X2" ALUMINUM PAINTED MATTHEWS SATIN WHITE.
3. POLE TO HAVE APPROX 8" DIA x 2'-0" DEEP CONCRETE FOOTINGS.
4. SECURITY PANELS TO POST WITH COUNTERSUNK MECHANICAL FASTENERS.
5. POLE TO HAVE APPROX 8" DIA x 2'-0" DEEP CONCRETE FOOTINGS.
6. SIGN TO INCLUDE SONO TUBED 8" DIA CONCRETE MOW STRIP.
7. SIGN TO BE OWNER PROVIDED AND GENERAL CONTRACTOR INSTALLED.

TO BE PROVIDED BY TESLA

1. SIGN FRAME TO BE NON-ILLUMINATED. PANELS & RETURNS TO BE 0.090" ALUMINUM PANELS WITH #680-82 RED REFLECTIVE VINYL APPLIED (VERIFY REFLECTIVITY WITH CUSTOMER).
2. POLE TO BE 2"X2" ALUMINUM PAINTED MATTHEWS SATIN WHITE.
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6. SIGN TO INCLUDE SONO TUBED 8" DIA CONCRETE MOW STRIP.
7. SIGN TO BE OWNER PROVIDED AND GENERAL CONTRACTOR INSTALLED.

NOTES:
1. D/F NON-ILLUMINATED POLE MOUNT PARKING SIGN FACES AND RETURNS TO BE 0.090" ALUMINUM PANELS WITH #680-82 RED REFLECTIVE VINYL APPLIED (VERIFY REFLECTIVITY WITH CUSTOMER).
2. LOGO TO BE 0.090" REFLECTIVE WHITE VINYL (VERIFY REFLECTIVITY WITH CUSTOMER).
3. POLE TO BE 2"X2" ALUMINUM PAINTED MATTHEWS SATIN WHITE.
4. SECURITY PANELS TO POST WITH COUNTERSUNK MECHANICAL FASTENERS.
5. POLE TO HAVE APPROX 8" DIA x 2'-0" DEEP CONCRETE FOOTINGS.
6. SIGN TO INCLUDE SONO TUBED 8" DIA CONCRETE MOW STRIP.
7. SIGN TO BE OWNER PROVIDED AND GENERAL CONTRACTOR INSTALLED.

TELESCOPING POLE MOUNT PARKING SIGN FACES AND RETURNS TO BE 0.090" ALUMINUM PANELS WITH #680-82 RED REFLECTIVE VINYL APPLIED (VERIFY REFLECTIVITY WITH CUSTOMER).

LOGO TO BE 0.090" REFLECTIVE WHITE VINYL (VERIFY REFLECTIVITY WITH CUSTOMER).

POLE TO BE 2"X2" ALUMINUM PAINTED MATTHEWS SATIN WHITE.

SECURITY PANELS TO POST WITH COUNTERSUNK MECHANICAL FASTENERS.

POLE TO HAVE APPROX 8" DIA x 2'-0" DEEP CONCRETE FOOTINGS.

SIGN TO INCLUDE SONO TUBED 8" DIA CONCRETE MOW STRIP.

SIGN TO BE OWNER PROVIDED AND GENERAL CONTRACTOR INSTALLED.

NOT TO BE USED FOR CONSTRUCTION

TYPICAL TESLA PARKING SIGNAGE

16 MINUTE PARKING
20 MINUTE PARKING
30 MINUTE PARKING
SUPERCHARGER
SUPERCHARGER
SUPERCHARGER
ELECTRIC VEHICLE PARKING
TEST DRIVE VEHICLE PARKING

NOTES:
1. D/F NON-ILLUMINATED POLE MOUNT PARKING SIGN FACES AND RETURNS TO BE 0.090" ALUMINUM PANELS WITH #680-82 REFLECTIVE VINYL APPLIED (VERIFY REFLECTIVITY WITH CUSTOMER).
2. LOGO TO BE 0.090" REFLECTIVE WHITE VINYL (VERIFY REFLECTIVITY WITH CUSTOMER).
3. POLE TO BE 2"X2" ALUMINUM PAINTED MATTHEWS SATIN WHITE.
4. SECURITY PANELS TO POST WITH COUNTERSUNK MECHANICAL FASTENERS.
5. POLE TO HAVE APPROX 8" DIA x 2'-0" DEEP CONCRETE FOOTINGS.
6. SIGN TO INCLUDE SONO TUBED 8" DIA CONCRETE MOW STRIP.
7. SIGN TO BE OWNER PROVIDED AND GENERAL CONTRACTOR INSTALLED.
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**Equipment Details**: TESLA SUPERCHARGER ENCLOSURE DATA:
- **Front Cabinet - NEMA 4**
- **Rear Canine - NEMA 3**

**Weight**: 1280 lbs.

**Compliance**: The unit is not UL Listed. Instead, it is field listed at the installation site.

**Note**: Cabinet should be lifted using roof mounted eye hooks. A forklift or pallet jack can also be used to move cabinet if done properly.

**2" FNPT Fitting**
- Should be attached after concrete has been poured.

**Front Charging Station Detail**

**Tesla Supercharger Cabinet Detail**

**Tesla Supercharger Anchor Bolt Plan**

**Existing or Proposed Curb**

**Protective Sheathing**

**Bollard Must Be from Tesla and Include Welded on Fixture Attachment Pad. Concrete Should Only Be Poured with Bollards Tied Together Through Tesla Supplied Plates Attaching to Each Fixture Mounting Pad.**

**Conduit Should Be Located Using Tesla Supplied Template**

**Conduit Stub**

**Car Side**

**Detail Not Used**

**Plan Notation**

**Existing or Proposed Curb**

**Not to be Used for Construction**

**Equipment Details**

**Sheet Number**: A-10

**Project No**: 0755-1051

**Issued for**: 30% Review

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**Reissued for**: 90% Review

**Reissued for**: 30% Review

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**Issued for**: 100% Review

**Submittal Date**: 06/27/13

**Submittal Date**: 06/28/13

**Submittal Date**: 07/19/13

**Submittal Date**: 07/29/13

**Submittal Date**: 07/29/13

**Submittal Date**: 07/31/13

**Submittal Date**: 08/12/13
**WROUGHT IRON FENCE NOTES:**

1. **SUBMIT**
   - PRODUCT DATA IN THE FORM OF MANUFACTURER'S TECHNICAL DATA, SPECIFICATIONS, INSTALLATION INSTRUCTIONS FOR FENCES AND GATES, INCLUDING HARDWARE AND GATE OPERATORS.
   - SHOP DRAWINGS: SUBMIT SHOP DRAWINGS SHOWING LOCATION, MATERIALS, AND ACCESSORIES, INCLUDING BUT NOT LIMITED TO DETAILS OF POST INSTALLATION HARDWARE AND ACCESSORIES. SHOW LOCATION OF BOLTS AND FIXTURES AND MOUNTING AND ASSEMBLY, COMPLETE DIMENSIONS, CLEARANCES, ANCHORAGE, RELATIONSHIP TO SURROUNDING WORK, AND OTHER PERTINENT DETAILS OF FABRICATION AND INSTALLATION.
   - SAMPLES FOR VERIFICATION: SUBMIT SAMPLES FOR EACH PROFILE AND PATTERN OF FENCED METAL, AND FOR EACH TYPE OF METAL FINISH REQUIRED, PREPARED ON METAL OF SAME THICKNESS AND ALLOY INDICATED FOR THE WORK. INCLUDE SAMPLES OF THE FOLLOWING:
   1. POST CAP INCLUDING 12 INCH (300_MM) LONG SECTION OF POST.
   2. FULL-SIZE SAMPLE OF FENCE 2 FEET WIDE BY FULL HEIGHT.
   3. GATE HARDWARE INCLUDING HINGES AND LATCH.
   4. QUALITY DATA: SUBMIT QUALITY DATA FOR FABRICATOR.

2. **QUALITY ASSURANCE**
   - INSTALLER QUALIFICATIONS: ARRANGE FOR INSTALLATION OF ORNAMENTAL METAL FENCES SPECIFIED IN THIS SECTION BY THE SAME FIRM THAT FABRICATED IT.
   - FABRICATOR QUALIFICATIONS: A FIRM EXPERIENCED IN PRODUCING ORNAMENTAL METAL FENCING AND GATES SIMILAR TO THAT INDICATED FOR THIS PROJECT AND WITH A RECORD OF SUCCESSFUL SERVICE PERFORMANCE, AS WELL AS SUFFICIENT PRODUCTION CAPACITY TO PRODUCE REQUIRED UNITS.
   - ELECTRICAL AND MECHANICAL DEVICES, AND ACCESSORIES: LISTED AS DEFINED IN NFPA70, ARTICLE 100, BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, AND MARKED FOR INTENDED USE.
   - UL: PROVIDE GATE OPERATORS THAT COMPLY WITH UL 325.
   - WELDING: QUALIFY PROCESSES AND PERSONNEL ACCORDING TO AWS D1.1, "STRUCTURAL WELDING CODE-STEEL.

3. **MANUFACTURERS**
   - PROVIDE ORNAMENTAL METAL FENCES AND GATES AS MANUFACTURED BY CASSIDY BROS. FORGE, INC., U.S. ROUTE 1, ROMLEY, PA 19089 (TELEPHONE 877-605-7213) OR APPROVED EQUAL.

4. **METAL**
   - STEEL: PROVIDE STEEL AND IRON IN FORM INDICATED TO COMPLY WITH THE FOLLOWING:
     1. STEEL PLATE, SHAPES, AND BARS: ASTM A 3630.
     2. STEEL SHEET: COMMERCIAL-QUALITY, COLD-ROLLED, STRETCHER-LEVELLED, CARBON STEEL SHEET COMPLYING WITH ASTM A 36996, 36CLASS (3), MATT FINISH.
     4. STEEL SHEET: ASTM A 470, GAUGE AS REQUIRED BY FABRICATOR FOR TYPE OF USE INDICATED.
   - STEEL CYLINDER CASTINGS: ASTM A 353, B200 GAUGE AS REQUIRED BY FABRICATOR FOR TYPE OF USE INDICATED.
   - DUCTILE IRON CASTINGS: ASTM A 536, GRADe AS RECOMMENDED BY FABRICATOR FOR TYPE OF USE INDICATED.
   - STAINLESS STEEL:
     1. SHEET, STRIP, PLATE, AND FLAT BAR: ASTM A 66, TYPE 304.
     2. BARS AND SHAPES: ASTM A 276, TYPE 304.
   - STAINLESS STEEL PIPE:
     1. TYPE 304 STAINLESS-STEEL SELECT FASTENERS FOR TYPE, GRADE, AND CLASS REQUIRED.
   - EXTERIOR EROSION-RESISTANT ANCHORING CEMENT: SUPER FOR IRON BY MINNAX CONSTRUCTION PRODUCTS, MONTVALE, NJ OR APPROVED EQUAL.
   - PAINT:
     1. PRIMER: INTERMIT (MODIFIED EPOXY, HIGH BUILT, HIGH SOLIDS) PRIMER BY VERSAMID IN ACCORDANCE WITH SAE J838.
     2. TOPCOAT: TITAN8960 BY INTERNATIONAL COATINGS LTD OR APPROVED EQUAL.
   - ORNAMENTAL METAL FENCES:
     1. FENCE DESIGN: MONTVALE
     2. FENCE HEIGHT: 8 FEET
     3. PICKETS: SELL 3-1/2 INCH SQUARE PICTETS WITH EITHER FORGED OR CAST IRON POSTS FINISH.
     4. RAILS: STEEL CHANNELS, 3-1/4 INCH BY 1-1/2 INCH BY 1/16 INCH THICK.
     5. POSTS: SQUARE STEEL TUBES, 2 INCHES BY 2 INCHES BY 3/16 INCH THICK, WITH CAST IRON POST CAPS.
     1. POST CAPS: TYPE C-4, BULLET

5. **BRUSH primer**
   - AMOUNT OF FINISH PAINT COAT.
   - FABRICATION, GENERAL:
     1. SHOP ASSEMBLY. PREASSEMBLE FENCE IN SHOPI TO EXTEND FARTHEST TO MINIMIZE FIELD SPCLING AND ASSEMBLY. DISASSMABLE UNITS ONLY NECESSARY FOR SHIPMENT AND FIELD INSTALLATION LIMITATIONS. USE CONNECTIONS THAT MAINTAIN STRUCTURAL VALUE OF JOINED PIECES. CLEARLY MARK UNITS FOR REASSEMBLY AND CoNDNATED INSTALLATION.
     2. ATTACH CAST IRON PICKET FINALS AND POST CAPS WITH STEEL SCREW AFTER PAINTING AND FINISHING OF PICKETS, POSTS, FINALS, AND CAP WELDING OF FINALS TO PICKETS AND CAPS TO POSTS WILL NOT BE ACCEPTED.
     3. STEEL AND IRON FINISHES:
     1. AMOUNT OF FINISH PAINT COAT.
     2. THE FOLLOWING:
       1. USE MATERIALS AND METHODS THAT MINIMIZE DISTORTION AND DEVELOP STRENGTH OR APPEARANCE.
       2. OBTAIN FUSION WITHOUT UNDERCUT OR OVERLAP.
     3. NON-LIFT-OFF TYPE, OFF-SET TO POINT OF JOINED PIECES. FINISH EXPOSED WELDS AND SURFACES SMOOTH AND BLENDED SO NO ROUGHNESS SHOWS AFTER FINISHING AND CONTOUR OF WELDING SURFACES SO THAT ADJACENT SURFACE.
     4. ALLOW FOR ANCHORAGE OF TYPE INDICATED: COORDINATE WITH SUPPORTING STRUCTURE, FABRICATE AND SPACE ANCHORING DEVICES TO SECURE METAL FENCE RIGIDLY IN PLACE.
     5. USE MATERIALS AND METHODS THAT MINIMIZE DISTORTION AND DEVELOP STRENGTH OR APPEARANCE.
     6. RESTORE FINISHES DAMAGED DURING INSTALLATION AND CONSTRUCTION PERIOD SO NO REMAINS OF ERRORS COMING BACK.

6. **EATING**
   - INSTALL GATES ACCORDING TO MANUFACTURERS APPROVED SHOP DRAWINGS, LEVEL, FLAT, AND SECURE FOR FULL OPENING WITHOUT DISTORTION.
   - INSTALL GATE HARDWARE AND OPERATORS ACCORDING TO MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS AND TRUE TO LINE AND GRADE.

7. **CLEANING AND PROTECTION**
   - TOUCHUP PAINTING: IMMEDIATELY AFTER ERECTION, CLEAN FIELD WELDS, BOLT CONNECTIONS, AND ARRAIGNED AREAS OF SHOP PAINT, AND PAINT EXPOSED AREAS WITH SAME MATERIAL.
   - RESTORE FINISHES DAMAGED DURING INSTALLATION AND CONSTRUCTION PERIOD SO NO REMAINS OF ERRORS COMING BACK.

8. **Economic Status**
   - INSTALL ORNAMENTAL METAL FENCES AND GATES IN ACCORDANCE WITH APPROVED SHOP DRAWINGS. DO NOT BEGIN INSTALLATION AND ERECTION BEFORE FINAL GRADING IS ESTABLISHED.
   - EXCAVATION: DRILL OR HAND-EXCAVATE (USING POST-HOLE DIGGER) HOLES FOR POSTS TO DIAMETERS AND SPACING INDICATED IN SHIP, UNDISTURBED OR COMPACTED SOIL. IF NOT INDICATED ON DRAWINGS, EXCAVATE HOLES FOR EACH POST TO 6 INCHES IN DIAMETER.

9. **GATE INSTALLATION**
   - INSTALL GATES ACCORDING TO MANUFACTURERS APPROVED SHOP DRAWINGS, LEVEL, FLAT, AND SECURE FOR FULL OPENING WITHOUT DISTORTION.
   - INSTALL GATE HARDWARE AND OPERATORS ACCORDING TO MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS AND TRUE TO LINE AND GRADE:

10. **Cleaning**
    - TOUCHUP PAINTING: IMMEDIATELY AFTER ERECTION, CLEAN FIELD WELDS, BOLT CONNECTIONS, AND ARRAIGNED AREAS OF SHOP PAINT, AND PAINT EXPOSED AREAS WITH SAME MATERIAL.
    - RESTORE FINISHES DAMAGED DURING INSTALLATION AND CONSTRUCTION PERIOD SO NO REMAINS OF ERRORS COMING BACK.
1. Conduit routing is diagrammatically shown on plans and are only approximations. The exact location and routing paths shall be field verified and installed per jurisdictional requirements.

2. All electrical work and related activities performed onsite shall be done in accordance with National Electric Code (NEC) standards being enforced by all applicable jurisdictional requirements at time of construction.

3. Supercharger cabinet circuits between vehicle charging stations extending beyond 80'-0" shall be addressed with the appropriate engineering teams as soon as the situation arises.

4. Utility equipment installations and prep work shall be coordinated with the appropriate utility engineer to ensure accuracy of installations.

5. Contractor shall run conduits for future vehicle charging stations approximately 1'-0" past the conduits of the last operating charging post. Conduit shall be capped and buried.

---

**CHARGING POST CIRCUIT SCHEDULE**

<table>
<thead>
<tr>
<th>SUPERCHARGER</th>
<th>DEDICATED FEED</th>
<th>CHARGING POST</th>
<th>CHARGER LENGTHS*</th>
<th>FEEDER CONFIGURATION (PER CHARGING POST)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DEDICATED-12</td>
<td>ENABLED-25</td>
<td>DEDICATED-25</td>
<td>COMM CABLE (PER TESLA) IN 2&quot; CONDUIT</td>
</tr>
<tr>
<td>2</td>
<td>DEDICATED-28</td>
<td>ENABLED-29</td>
<td>ENABLED-29</td>
<td>COMM CABLE (PER TESLA) IN 2&quot; CONDUIT</td>
</tr>
<tr>
<td>3</td>
<td>DEDICATED-32</td>
<td>ENABLED-33</td>
<td></td>
<td>COMM CABLE (PER TESLA) IN 2&quot; CONDUIT</td>
</tr>
<tr>
<td>4</td>
<td>DEDICATED-35</td>
<td>ENABLED-35</td>
<td></td>
<td>(2) 2&quot; SPARE CONDUITS</td>
</tr>
</tbody>
</table>

* Charger cable lengths are based on diagrammatical measurements not including bend radius & buried depth. Contractor to verify actual lengths on site.

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**NOTES**

1. It is a violation of law for any person, unless they are acting under the direction of a licensed professional engineer, to alter this document.

2. Motors, Inc.

3. Black & Veatch

4. 10950 Grandview Drive

5. Overland Park, KS 66210

6. (913) 458-2000

7. 3500 Deer Creek Rd

8. Palo Alto, CA 94304

9. (650) 681-5000

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**ELECTRICAL PLAN**
PROPOSED 2000A SERVICE
UTILITY TRANSFORMER 480/277V 3A 4W SERVICE (PER UTILITY)
UTILITY METERING CTS SPACING FOR UTILITY REQUIREMENT
CONDUIT & CONDUCTOR DETAILS
SUPERCHARGER CONNECTION-SECTION 1
SUPERCHARGER CONNECTION-SECTION 2
SUPERCHARGER CONNECTION-SECTION 3
SUPERCHARGER CONNECTION-SECTION 4

NOTE:
1. IF SECONDARY CONDUCTORS FROM SUPERCHARGER CABLES EXCEED 8'-0", TESLA ENGINEERING GROUP MUST APPROVE THE DESIGN PRIOR TO INSTALLATION.
2. FUTURE SUPER CHARGER/VEHICLE CHARGING POST CONDUITS SHALL BE INSTALLED AND CAPPED AT THE APPROXIMATE LOCATIONS OF THE PROPOSED FUTURE EQUIPMENT.

SUPERCHARGER CONNECTION ONE-LINE DIAGRAM

FIELD INSTALLED CONNECTIONS FROM UNDERGROUND POWER CONDUIT 480V 1/3A 3PH + N + PE
GROUNDING

FACTORY INSTALLED CONNECTIONS SHOWN IN 480V INPUT-LIN CONFIGURATION

SUPERCHARGER TERMINALS L1, L2, N 460V TO AIRG B 2x250mcm TO 16" PE: 2x2/0AWG THROUGH 14AWG

FIELD INSTALLED CONNECTIONS WITHIN (1) 2" UNDERGROUND CONDUIT

NOTE:
1. NEUTRAL MUST BE INCLUDED FOR PROPER OPERATION OF TESLA SUPER CHARGERS.
2. FUTURE SUPER CHARGER/VEHICLE CHARGING POST CONDUITS SHALL BE INSTALLED AND CAPPED AT THE APPROXIMATE LOCATIONS OF THE PROPOSED FUTURE EQUIPMENT.

AC SERVICE ELECTRICAL CIRCUIT SCHEDULE

<table>
<thead>
<tr>
<th>NO.</th>
<th>FROM</th>
<th>TO</th>
<th>CONFIGURATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UTILITY TRANSFORMER</td>
<td>PROPOSED SERVICE EQUIPMENT: SECTION 1</td>
<td>480V 1/3A 3PH + N + PE</td>
</tr>
<tr>
<td>2</td>
<td>INSTALL 2000A</td>
<td>PROPOSED SERVICE EQUIPMENT: SECTION 2</td>
<td>FACTORY INSTALLED</td>
</tr>
<tr>
<td>3</td>
<td>INSTALL 2000A</td>
<td>PROPOSED SERVICE EQUIPMENT: SECTION 3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>INSTALL 2000A</td>
<td>PROPOSED SERVICE EQUIPMENT: SECTION 4</td>
<td></td>
</tr>
</tbody>
</table>

NOTE:
1. NEUTRAL MUST BE INCLUDED FOR PROPER OPERATION OF TESLA SUPER CHARGERS.
2. FUTURE SUPER CHARGER/VEHICLE CHARGING POST CONDUITS SHALL BE INSTALLED AND CAPPED AT THE APPROXIMATE LOCATIONS OF THE PROPOSED FUTURE EQUIPMENT.

SYSTEM ONE-LINE DIAGRAM

NOTE:
1. IF SECONDARY CONDUCTORS FROM SUPERCHARGER CABLES EXCEED 8'-0", TESLA ENGINEERING GROUP MUST APPROVE THE DESIGN PRIOR TO INSTALLATION.
2. FUTURE SUPER CHARGER/VEHICLE CHARGING POST CONDUITS SHALL BE INSTALLED AND CAPPED AT THE APPROXIMATE LOCATIONS OF THE PROPOSED FUTURE EQUIPMENT.
TO BE PROVIDED BY TESLA

NOTES
1. CONDUITS SHALL BE BURIED BELOW FROST LINE AND IN COMPLIANCE WITH LOCAL AND NATIONAL CODE REQUIREMENTS.
2. ONE ADDITIONAL CONDUIT SHALL BE INSTALLED IN PARALLEL OF PROPOSED POWER CONDUITS FOR FUTURE EXPANSION.
3. REFER TO SHEET E-2 FOR CONDUCTOR REQUIREMENTS WITHIN CONDUITS.

PROPOSED TESLA SUPERCHARGER (TYP)

PROPOSED 4" UNDERGROUND POWER CONDUITS (TYP)

PROPOSED 2" SPARE UNDERGROUND CONDUIT, SEE NOTE 2 (TYP)

PROPOSED TRANSFORMER (PER UTILITY)

PROPOSED TESLA CHARGING STATION (TYP)

PROPOSED POWER DISTRIBUTION CENTER WITHIN SERVICE GEAR

PROPOSED TESLA CHARGING STATION (TYP)

DOTTIE DUCT SEAL COMPOUND PC 6130 (CAT NO. LHD1) (TYP. ALL CONDUITS FOR SUPERCHARGERS AND CHARGE STATIONS)

NOTES
1. ASPHALT SHALL COMPLY WITH STANDARD DOT OR LOCAL JURISDICTION SPEC. FOR HMA SURFACE COURSE.
2. ANY EXCAVATION LEFT OPEN SHOULD BE SECURELY FENCED OFF.
3. ANY PAVEMENT DAMAGE DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR TO PRE CONSTRUCTION CONDITIONS OR BETTER.
THE MICROLOGIC 6.0A TRIP UNIT PROVIDES SELECTIVE AND GROUND-FAULT PROTECTION FOR EQUIPMENT (1250 A) (UL508) AND A BUILT-IN AMMETER.
A. TRIP UNIT NAME
B. ALPHANUMERIC DISPLAY
C. THREE-PHASE BAR GRAPH
D. SCROLL BUTTON
E. MENU BUTTON
F. LONG-TIME DELAY (tr) SWITCH
G. LONG-TIME DELAY (tr) SETTING
H. SHORT-TIME DELAY (tsd) SWITCH
I. SHORT-TIME DELAY (tsd) SETTING
J. GROUND-FAULT DELAY (g) SWITCH
K. GROUND-FAULT DELAY (g) SETTING
L. GROUND FAULT (lg) SWITCH
M. TEST FUSE-RECEPTACLE
N. GROUND FAULT (lg) INDICATOR LIGHT
O. SELF-PROTECTOR INDICATOR LIGHT
P. GROUND-FAULT INDICATOR LIGHT
Q. SHORT TIME OR INSTANTANEOUS INDICATOR LIGHT
R. LONG-TIME INDICATOR LIGHT
S. READY PHYSICALLY SMALLER
T. READY MOTHER-CHILD

NOTES
1. PRIMARY/SECONDARY CONDUITS MUST COME THROUGH DESIGNATED STUB-UP LOCATIONS.
2. PRIMARY/SECONDARY CONDUIT LOCATIONS MUST BE “BOXED” OUT WHEN POURING CONCRETE FOUNDATION.

NOTE
1. THESE CIRCUIT BREAKER TRIP SETTINGS ARE NOT COORDINATED WITH UTILITY TRIP SETTINGS.

* BREAKERS ARE RATED FOR 100%
CUSTOMER FURNISHES AND INSTALLS:

1. Completely enclosed termination compartment with rigidly supported bus bars located and drilled as shown.
2. 4" Schedule 40 PVC conduit, concrete encased. See table for minimum number of conduits required. All metallic must be bonded.
3. Temporary watertight end caps.
4. Reinforcing rods (Epoxy coated re-bar).
5. 4" Schedule 40 PVC, 90° elbows with 3/4" radius.

NOTE:
The shown above are minimums and should not be used for design purposes. For actual dimensions contact the switchgear manufacturer.
NOTES
1. EXOTHERMIC WELD (TYP) TWO, #12 AWG BARE TINNED SOLID COPPER CONDUCTORS TO GROUND BAR. ROUTE CONDUCTORS TO BURIED GROUND ROD AND PROVIDE PARALLEL EXOTHERMIC WELDS.
2. ALL GROUND BARS SHALL BE STAMPED IN TO THE METAL. "IF STOLEN DO NOT RECYCLE " THE CONTRACTOR SHALL USE PERMANENT MARKER TO DRAW THE LINES BETWEEN EACH SECTION AND LABEL EACH SECTION "P", "A", "N", "I") WITH 1" HIGH LETTERS.
3. ALL HARDWARE SHALL BE STAINLESS STEEL 3" DIAMETER OR LARGER.
4. FOR GROUND BOND TO STEEL ONLY: INSERT A CADWELD FLAT WASHER BETWEEN LUG AND STEEL, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MATING.
5. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT CABLE INSULATION TERMINATION IS WITHIN 1/8" OF THE BARREL.
6. A WASHER SHALL BE PLACED ON THE FRONT SIDE OF THE GROUND BAR AND BOLTED ON THE BACK SIDE. INSTALL BLACK HEAT-SHRINKING TUBE, 600 VOLT INSULATION, ON ALL GROUND TERMINATIONS. THE INTENT IS TO WEATHERPROOF THE CONNECTION.
7. SUPPLIED AND INSTALLED BY CONTRACTOR.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ADDITIONAL GROUND BAR, AS REQUIRED, PROVIDING 50% SPARE CONNECTION POINTS.
10. TESLA CHARGERS HAVE INTERNAL HIGH IMPEDANCE GROUND FAULT PROTECTION (1491).
REV DESCRIPTION DATE

CHECKED BY: DRAWN BY: PROJECT NO:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

1. NO GEOTECHNICAL REPORT WAS ISSUED FOR THIS SITE. ALL DESIGN WORK IS BASED ON ASSUMED SITE CONDITIONS.
1. Breakup and remove area to be repaired/replaced to the nearest joint or saw cut. Dispose of debris off site.
2. Install forms as necessary.
3. Compact existing subgrade material to achieve maximum density.
4. Pour concrete using 3500 psi air entrained concrete to match existing adjacent curb.
5. Install expansion joints every 15 linear feet. Install crack joints every 10 linear feet.
It is a violation of law for any person, unless they are acting under the direction of a licensed professional engineer, to alter this document.

Sheet Number: LS-1

Landscaping Plan

Proposed landscaping to match existing
FOR REFERENCE ONLY

PROPERTY SURVEY

NO SCALE

PS-1
The included Photographic Simulation(s) are intended as visual representations only and should not be used for construction purposes. The materials represented within the included Photographic Simulation(s) are subject to change.
PROPOSED TESLA CHARGING STATIONS

EXISTING SITE

EXISTING VIEW 1 – LOOKING NORTHEAST

PHOTOGRAPHIC SIMULATION – VIEW 1 - LOOKING NORTHEAST

EXISTING VIEW 1 – LOOKING NORTHEAST

PROPOSED TESLA EQUIPMENT

PROPOSED TESLA CHARGING STATIONS
PROPOSED TESLA CHARGING STATIONS

EXISTING SITE

EXISTING VIEW 3 – LOOKING SOUTHWEST

PHOTOGRAPHIC SIMULATION – VIEW 3 - LOOKING SOUTHWEST

PROPOSED TESLA EQUIPMENT