

**EAST GOSHEN TOWNSHIP
PLANNING COMMISSION
Meeting Agenda
Wednesday, August 4, 2021
VIA Telephone / Zoom Video Conference
(929) 205-6099 with access code 893-5918-6610
7:00 PM**

During this tele-conference Planning Commission meeting, public participation and comments will be handled as follows:

- Participants must call in by 6:55 pm and identify themselves with full name and address for the record.
 - The public will remain muted during the meeting when the Commission is conducting business.
 - The Chairman will ask for any public comment on agenda items. Audience members who wish to make comments must unmute, identify themselves with name and address, to ask questions and make comments.
 - Participants wishing to comment must state their name and address and must speak one at a time.
-
- A. Call to Order / Pledge of Allegiance and Moment of Silence
 - B. Chairman will ask if anyone is going to record the meeting
 - C. Review of Tracking Log / Determine need for Workshop Meeting**
 - D. Public Comment on Non-Agenda Items
 - E. Approval of Minutes**
 - 1. June 2, 2021
 - F. Subdivision and Land Development Applications
 - G. Conditional Uses and Variances
 - H. Ordinance Amendments**
 - 1. LED Sign Ord. Amendment / Electric Vehicle Charging & Media Station
 - I. Old Business
 - J. New Business
 - K. Any Other Matter**
 - 1. Future Township Meetings to be held in person.
 - L. Liaison Reports
 - M. Correspondence
 - N. Announcements

Bold Items indicate new information to review or discuss.

East Goshen Township Planning Commission
Application Tracking Log

August 4, 2021 PC Meeting

Application Name	Application (CU,LD,ZO, SD,V, SE, CA)	Type (Sk, P, F)	Date Filed	Start Date	Date to Township Engineer	Date to CCPC	Date to Abutting Prop. / ABC's	Extension	PC NLT Action Date	BOS NLT Action Date	Hearing Date	Drop Dead date	Comments
None													

Bold = New Application or PC action required

Completed in 2021

14 Reservoir Rd. / Glossen	V	Sk	5/25/2021	5/25/2021	NA	NA	5/27/2021		6/2/2021	7/6/2021	7/15/2021	7/23/2021	A
ESKE Development LLC	V	S	4/20/2021	4/20/2021	4/27/2021	NA	4/27/2021		5/5/2021	5/11/2021	5/26/2021	6/18/2021	A
Albert and Lynn Greto	V	S	4/26/2021	4/26/2021	NA	NA	4/29/2021		5/5/2021	6/1/2021	6/8/2021	6/25/2021	D
1365 Enterprise Drive	V	Sk	4/1/2021	4/1/2021	NA	NA	4/1/2021		5/5/2021	5/18/2021	TBD	5/31/2021	A
198 Oneida Ln	V	Sk	1/26/2021	1/27/2021	NA	NA	1/28/2021		2/3/2021	1/16/2021	2/25/2021	3/26/2021	A
Pipeline HMS / Consultation Zone Ord.	ZO / SALDO	DRAFT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	AD

Completed in 2020

1631 E. Strasburg Rd	V	Sk	9/29/2020	9/29/2020	NA	NA	10/2/2020		10/7/2020	10/20/2020	10/27/2020	11/28/2020	A
Solar Ordinance Amendment	ZO	Sk	10/30/2020	NA	NA	NA	NA		NA	NA	12/1/2020	NA	AD
Synthes USA / 1303 Goshen Parkway	LD	P/F	4/27/2020	5/6/2020	4/28/2020	4/30/2020	4/30/2020	1	9/15/2020	9/2/2020	NA	10/2/2020	A
Boyle, 1137 N. Chester Rd.	V	Sk	7/29/2020	7/29/2020	NA	NA	7/31/2020		9/2/2020	9/15/2020	8/26/2020	9/25/2020	A

KEY

- A - Approved
- AD - Adopted
- D - Denied

Draft
EAST GOSHEN TOWNSHIP
PLANNING COMMISSION MEETING
June 2, 2021

The East Goshen Township Planning Commission held their regular monthly meeting on Wednesday June 2, 2021. Because of the COVID-19 restrictions the meeting was held via teleconference using Zoom.

Members present are highlighted:

Chair – Ernest Harkness

Vice Chair – John Stipe

Dan Daley

Edward Decker

Michael Koza

Mark Levy

Michael Pagnanelli

Also present were:

Mark Gordon, Zoning Officer

Marty Shane, Township Supervisor

Michele Truitt, Township Supervisor

COMMON ACRONYMS:

BOS – Board of Supervisors

BC – Brandywine Conservancy

CB – Conservancy Board

CCPC – Chester Co Planning Commission

CPTF – Comprehensive Plan Task Force

CVS – Community Visioning Session

SWM – Storm Water Management

ZHB – Zoning Hearing Board

FORMAL MEETING – 7 p.m.

1. Ernest called the meeting to order at 7:00 pm. He led the Pledge of Allegiance and a moment of silence to remember our first responders, military and healthcare providers.
2. Ernest asked if anyone would be recording the meeting and if there were any public comments about non-agenda items. There was no response.
3. The tracking log was checked and no need for a workshop meeting.
4. The minutes of the May 5, 2021 meeting were approved.
5. Mark Gordon explained the procedure for public comments.

CONDITIONAL USES AND VARIANCES

1. Jeffery S. & Michelle A. Glosson/14 Reservoir Rd, Zoning Variance Request – Mr. Glosson was present and explained that he was here in 2017 with this proposal. He took the Planning Commission’s recommendations to Yerkes to revise the plan. They are seeking relief from the required 40 foot flag pole width. They are on lot 2 and want to subdivide a Lot A. He reviewed some Chesco views of the property. Both neighbors also have flag lots so it will not impact the neighborhood. Ernest asked about the driveway. They will share a small portion of the driveway at the street. An easement will be required. Dan asked about utilities. Jeff explained that they have public sewer but well water. The poles for the electric are at the rear of the property. Dan suggested indicating the easements for the utilities on the sketch plan.

Dan made a motion that the Planning Commission recommend that the Board of Supervisors support this dimensional variance application because the relief, if granted, will not alter the essential character of the neighborhood, or substantially impair the appropriate use or development of adjacent property or be detrimental to the public welfare. John seconded the motion. The motion passed unanimously.

OLD BUSINESS

1 1. Electric Vehicle Charing Stations – Mark mentioned that there is a stand alone noise ordinance and a
2 section in the township ordinance regarding noise. They should be put together in one stand alone
3 ordinance. Regarding signage at charging stations, he spoke with Westtown and East Bradford about
4 where they were installed in their townships. They didn't know they had signage. Mark is working with
5 the Township Solicitor and will have a draft for the July meeting. Mark also spoke with the sales
6 representative from Volta but he didn't give any information about a national size standard. Michele just
7 got an EV and has found that Volta seems to be the largest. Not all of them have advertising.
8

9 **ANY OTHER MATTER**

- 10 1. Ernest mentioned a noise ordinance and the pipeline. Mark commented that at their meeting last night
11 the BOS approved the pipeline report to go to a public meeting.
12 2. Mark reported on the ZHB hearings for CTDI and ESKE last week.
13

14 **LIAISON REPORT**

15 Board of Supervisors – Michele commented that the BOS will take a vote on June 15 regarding the Paoli
16 Pike Trail Section B which requires an archeological dig. If any historic items are found, they will have
17 to go to another level of the dig. Section A will be started soon.
18

19 **ADJOURNMENT**

20 There being no further business, John Stipe made a motion to adjourn the meeting. Dan Daley seconded
21 the motion. The meeting was adjourned at 7:40 pm. The next regular meeting will be held on
22 Wednesday, July 7, 2021 at 7:00 pm.
23

24
25 Respectfully submitted,
26
27
28
29

30 *Ruth Kiefer, Recording Secretary*

Memorandum

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Voice: 610-692-7171

Fax: 610-692-8950

E-mail: mgordon@eastgoshen.org

Date: 7/27/2021

To: Planning Commission

From: Mark Gordon, Township Zoning Officer *mgp*

Re: LED Sign Ord. Amendment

Planning Commission Members,

You may recall that we discussed a possible amendment to the Township Zoning Ordinance to address a new sign type being installed in shopping centers. The vendor, Volta, has approached the Giant supermarket on Boot Rd (Village Square Shopping Center) and would like to install two of these charging stations with integrated "Media Stations" within the parking lot.

The Giant on West Chester Pike (Westtown Township) recently installed these charging stations. In the parking lot too, I have included pictures, but you can go see for yourself.

I have drafted an ordinance for your review and discussion.



Level 2 Media Station

Volta Charging is driving the transition to clean electric transportation by transforming properties with electric vehicle charging. No longer will people drive to fuel, but fuel where they drive.

Volta's turn-key electric vehicle charging is tailored to each location's needs and desired customer experience to increase traffic and customer engagement. Our fully integrated EV chargers include high-impact digital media screens that provide properties with branding and messaging as well as additional revenue opportunities.

Charger Specs

- Output power: 10 kW max (AC)
- Safety certification: UL 2202

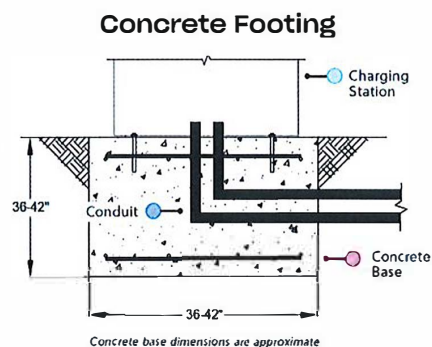
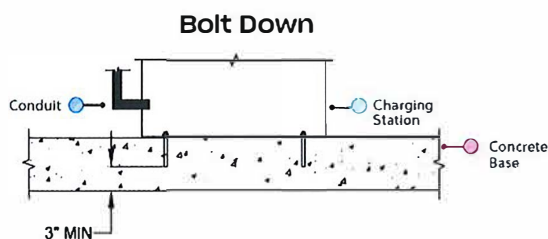
Power Requirements

- Input voltage: 208 - 240 VAC
- Output voltage: 208 - 240 VAC
- Circuit size: 60A/2P, 208/240 breaker
- Network connectivity: Cell connection or LAN access

Display Screen Specs

- Size: 55" outdoor LED back light system x2
- Picture: Full HD 1080p resolution
- Power requirements: 20A/1P, 120V breaker
- File type: JPEG or PNG

Example Level 2 Media Foundation Plans



Installation Requirements

- Foundation req: 36"L x 36"W x 36"D
 - Conduit diameter: 1.5" min per station approx*
- *Separate conduit for communication maybe required

**East Goshen Township
Draft Zoning Ordinance Amendment
Electric Vehicle Charging Station LED Signs**

§240-6 Definitions:

LED SIGN

A type of animated sign which uses light-emitting diodes, liquid crystal displays, or similar technologies to change the message of the sign.

[Added 9-4-2012 by Ord. No. 129-F-2012]

§240-22 Signs

W. LED signs. LED signs may be used on the following types of signs subject to the regulations in this § **240-22W**: i) an off-premises sign along West Chester Pike between Westtown Way and the Township's border with West Goshen Township; ii) an off-premises sign along Route 202; ~~and~~ iii) on a wall sign or freestanding sign in the C-1 District.; **and iv) LED signs which are integrated with electric vehicle charging stations and located on a parcel with an approved Shopping Center use.**

[Added 9-4-2012 by Ord. No. 129-F-2012]

(1) The message displayed on the digital off-premises sign shall be static and nonanimated and shall remain fixed for a minimum of 10 seconds;

(2) The sign shall not display any message that moves, appears to move, scrolls, or changes in intensity during the fixed display period;

(3) The transition time between changes in the sign face or message shall be less than one second;

(4) The sign must be equipped with brightness controls which shall be used to reduce the intensity of the light based on outside light levels; and

(5) The digital LED display shall not have lighting that would compete with or distract from traffic signal lighting.

(6) **LED signs associated with electric vehicle charging stations shall conform to all the standards within §240-22W and have a maximum sign area of 10 square feet and have a maximum height of 7 feet tall.**

VOLTA

GIANT # 6505 - HERSHEY'S MILLS VILLAGE

1375 BOOT ROAD
WEST CHESTER, PA 19380

WASHINGTON, DC MARKET

VOLTA

155 DE HARO STREET
SAN FRANCISCO, CA 94103



EV CHARGING INSTALLERS
OF AMERICA, LLC

188 Breakneck Rd. Suite 204
Highland Lakes, NJ 07422
Phone: 855-373-9566

APPLICABLE CODES AND AGENCIES:

International Accreditation Service, Inc.—The International Accreditation Service, Inc., 5360 Workman Mill Road, Whittier, California 90601.

International Building Code—An International Building Code Issued by the ICC. Chapter 11 and Appendix E of the "International Building Code 2018" Issued by the ICC. The term includes all errata issued by the ICC.

International Energy Conservation Code—An International Energy Conservation Code Issued by the ICC. The term includes all errata issued by the ICC.

International Existing Building Code—An International Existing Building Code for Buildings and Facilities Issued by the ICC. The accessibility provisions in the "International Existing Building Code for Buildings 2018" Issued by the ICC. The term includes all errata issued by the ICC.

International Fire Code—An International Fire Code Issued by the ICC. The term includes all errata issued by the ICC.

All codes are to be used with applicable state and local changes.

VOLTA PROPOSES TO INSTALL:

(2) ELECTRIC VEHICLE CHARGING STATIONS AND ALL RELATED ELECTRICAL AND CIVIL ACTIVITIES, PAINTING AND MARKING OF EV CHARGING PARKING SPACES AND INSTALLATION OF NECESSARY PARKING SIGNS.

DISCLAIMER

THESE DRAWINGS WERE PRODUCED WITHOUT THE BENEFIT OF A CURRENT LAND SURVEY. ALL PROPERTY LINES, EASEMENTS, AND SETBACKS SHALL BE VERIFIED PRIOR TO START OF CONSTRUCTION. VOLTA DOES NOT GUARANTEE THE ACCURACY OF SAID PROPERTY LINES, EASEMENTS, ROADS AND SETBACKS.

APPLICANT:

VOLTA
155 DE HARO STREET
SAN FRANCISCO, CA 94103
CONTACT: SUNG PAEK
PHONE #: 571-309-0212
EMAIL: SUNG.PAEK@VOLTACHARGING.COM

PROJECT MANAGER:

VOLTA
155 DE HARO STREET
SAN FRANCISCO CA 94103
CONTACT: SUNG PAEK
PHONE #: 571-309-0212
EMAIL: SUNG.PAEK@VOLTACHARGING.COM

ENGINEERING:

DURAK EVRIM ERCAN, P.E.
PO BOX 32
CEDAR GROVE, NJ 07009
PHONE #: 201-920-2899
EMAIL: EVRIM@AMPERENGINEERING.COM

REV	DATE	DESCRIPTION	BY
A	07/02/20	CD50	MM

ISSUE DATE
06/02/2020

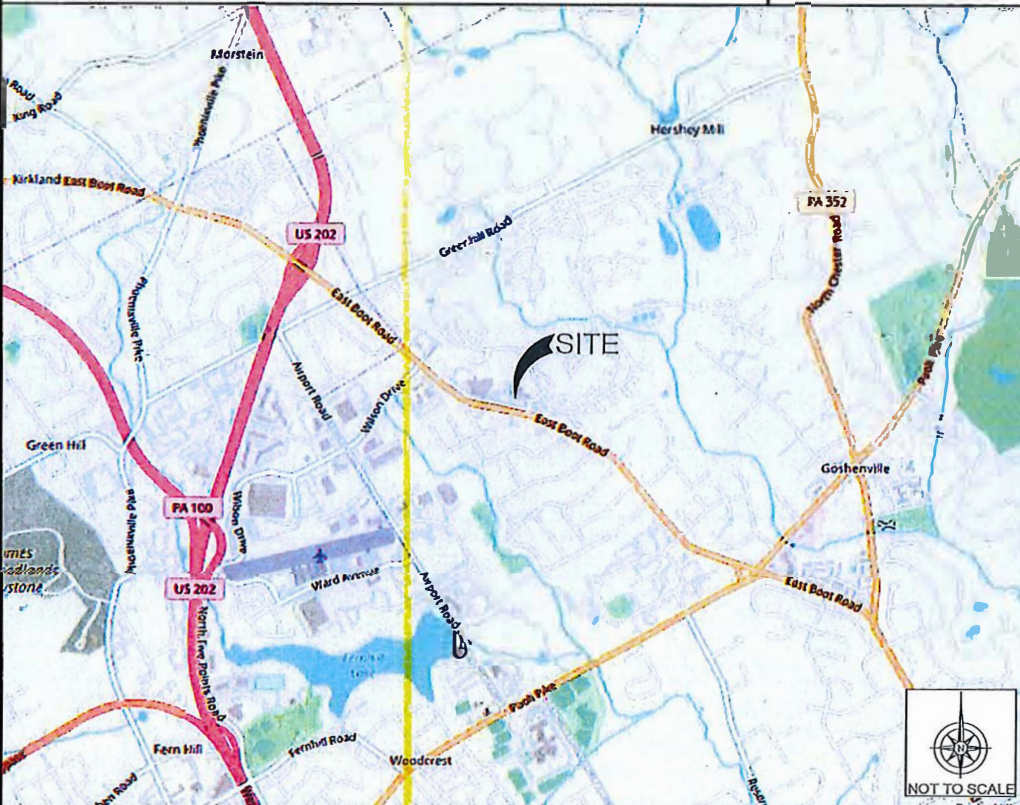
ISSUED FOR
REVIEW

(SPARE)

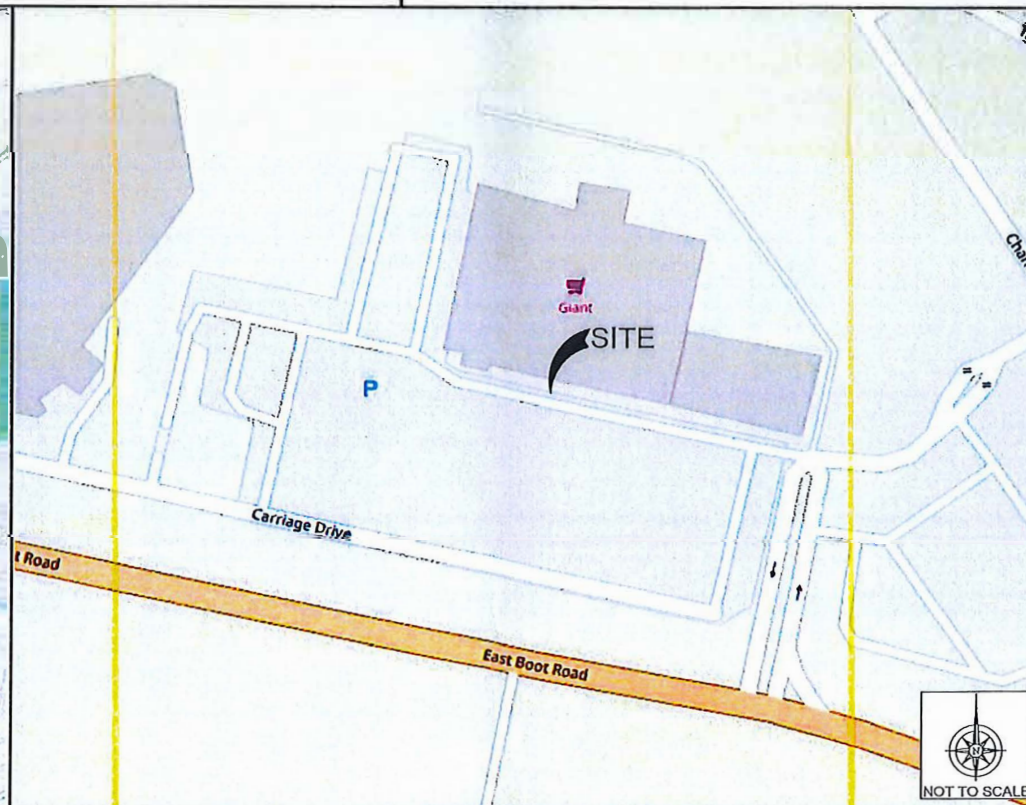
CODE BLOCK

PROJECT DESCRIPTION

PROJECT TEAM



VICINITY MAP



LOCAL MAP

SHEET	DESCRIPTION
T-1.0	COVER
T-2.0	NOTES AND LEGENDS
C-1.0	OVERALL SITE PLAN
C-3.0	FOUNDATION DETAILS
C-3.1	DETAILS
C-4.0	STRIPING DETAILS
E-1.0	CONDUIT PLAN
E-1.1	ELECTRICAL ONE-LINE / RISER

SHEET INDEX



Know what's below.
CALL before you dig.

DIG ALERT

CALL AT LEAST TWO WORKING
DAYS BEFORE YOU DIG

CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING LOCATIONS, CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME

DO NOT SCALE DRAWINGS

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

ELECTRIC VEHICLE CHARGING STATIONS
GIANT # 6505

EVCIA JOB # 1028
1030-PA-EV-Giant-6505-072320.dwg

SHEET TITLE
COVER

SHEET NUMBER
T-1.0

GENERAL NOTES:

1. THIS DOCUMENT DOES NOT CONTAIN ALL SPECIFICATIONS AND DETAILS NECESSARY FOR CONSTRUCTION. REFER TO INSTALLATION GUIDES AND OTHER DOCUMENTS PROVIDED BY VOLTA FOR ADDITIONAL INFORMATION.
2. ALL EXISTING CONDITIONS SHOWN ARE APPROXIMATE. EXISTING UTILITY LOCATIONS AND CROSSINGS ARE TO BE LOCATED IN THE FIELD. CONTRACTOR IS TO CONTACT 811 PRIOR TO BEGINNING ANY EXCAVATION WORK.
3. ALL PAVEMENT, LANDSCAPING, UTILITIES, AND OWNER PROPERTY THAT IS DAMAGED OR AFFECTED BY CONSTRUCTION SHALL BE RETURNED TO EXISTING CONDITIONS AT THE CONTRACTOR'S EXPENSE.
4. PROPOSED PAVEMENT STRIPING SHALL LINE UP WITH EXISTING STRIPING WHEREVER POSSIBLE. ADDITIONAL PAVEMENT STRIPE IS NOT NECESSARILY PARALLEL TO THE CONSTRUCTED CHARGING ISLAND.
5. CONTRACTOR IS TO SUBMIT SKETCH OF ESTIMATED EXTENTS OF PROPOSED PAVEMENT WORK TO VOLTA PRIOR TO BEGINNING PAVEMENT WORK.
6. PROPOSED TRANSFORMER AND SWITCHGEAR CABINET LOCATIONS ARE APPROXIMATE. CONTRACTOR CAN FIELD LOCATE AS NECESSARY WITH APPROVAL FROM VOLTA.
7. THE ACCESSIBILITY REVIEW WAS UNDERTAKEN TO IDENTIFY DESIGN FEATURES OF THE PROJECT THAT MAY BE CONSIDERED BY GOVERNMENTAL AGENCIES OR DEPARTMENTS, OR NON-GOVERNMENTAL GROUPS TO BE NON-COMPLIANT WITH THE AMERICANS WITH DISABILITIES ACT OF 1990, REVISED 2010 ADA REGULATIONS AND STANDARDS. THE AMERICAN WITH DISABILITIES ACT OF 1990 IS A FEDERAL CIVIL RIGHTS LAW. THERE IS NO FEDERAL REVIEW PROCESS TO ENSURE FULL COMPLIANCE WITH THE GUIDELINES, EXCEPT THROUGH THE FEDERAL COURT SYSTEM. THE DEPICTIONS, NOTES, AND RECOMMENDATIONS EXPRESSED ON THIS PLAN ARE BASED ON PROFESSIONAL JUDGEMENT GAINED FROM PAST EXPERIENCE WITH ACCESSIBILITY LAWS, CODES, AND STANDARDS AND THE WORKING INVOLVEMENT TO DEVELOP ACCESSIBILITY STANDARDS THAT WILL MEET OR EXCEED THE APPLICABLE FEDERAL GUIDELINES. ACCORDINGLY, NO CLAIMS OR WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE THAT IN PREPARING THIS PLAN AND PROPOSING RECOMMENDATIONS, THAT ALL POSSIBLE BARRIERS TO ALL PEOPLE HAVE BEEN IDENTIFIED.
8. CONTRACTOR SHALL ACHIEVE A MINIMUM OF 1% BUT NO MORE THAN 2% SLOPE IN ANY DIRECTION WITHIN ADJACENT ACCESSIBLE SPACE AND BLEND ASPHALT OVERLAY TO EXISTING GRADES AS REQUIRED. CONTRACTOR SHALL PROVIDE A SKETCH TO VOLTA OF PROPOSED LIMITS OF ASPHALT OVERLAY TO ACHIEVE THIS REQUIREMENT PRIOR TO BEGINNING PAVEMENT WORK.
9. ACCESSIBLE EV STALLS WERE DESIGNED BASED ON EXISTING CONDITIONS AND WITHOUT BENEFIT OF SURVEY DATA. ALL ADA AND LOCAL REQUIREMENTS INCLUDING, BUT NOT LIMITED TO SCOPE AND SPACING SHALL BE CONFIRMED BY THE CONTRACTOR AND MET AT THE TIME OF CONSTRUCTION.
10. CONTRACTOR TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES IN ACCESSIBILITY PRIOR TO CONSTRUCTION.
11. ANY NOTES ON DRAWING PAGES CONTAINED HEREIN SHALL BE CONSIDERED PART OF THESE NOTES.
12. CONTRACTOR RESPONSIBILITIES INCLUDE CHARGING STATION MOUNTING, OVERHEAD CONDUIT INSTALLATION, AND WIRING.
13. CONTRACTOR TO PAINT PROPOSED EV PARKING SPACES PER JURISDICTIONAL REQUIREMENTS.
14. CONTRACTOR TO FIELD SCAN/XRAY EXISTING CONCRETE SLAB TO ENSURE REINFORCEMENT IS NOT DAMAGED DURING EQUIPMENT OR CONDUIT ANCHORING, ENSURE 1" GAP MIN. BETWEEN REBAR AND ANCHORAGE.
15. EXACT STATION PLACEMENT AND ROTATION ANGLE MAY VARY SLIGHTLY UPON INSTALLATION DEPENDING ON SITE CONDITIONS.

ELECTRICAL NOTES:

1. ALL ELECTRICAL WORK AND RELATED ACTIVITIES PERFORMED ON-SITE SHALL BE DONE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE (NEC) STANDARDS BEING ENFORCED BY ALL APPLICABLE JURISDICTIONAL REQUIREMENTS AT THE TIME OF CONSTRUCTION.
2. UTILITY EQUIPMENT INSTALLATIONS AND PREP WORK SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY ENGINEER AT THE TIME OF THE PRE-CONSTRUCTION MEETING TO ENSURE ACCURACY OF INSTALLATIONS.
3. CONDUIT PATHS ARE REPRESENTATIVE ONLY. EXACT CONDUIT PLACEMENT TO BE DETERMINED ON SITE BASED ON FIELD CONDITIONS.
4. ANY NOTES ON ELECTRICAL DRAWINGS CONTAINED HEREIN SHALL BE CONSIDERED PART OF THESE NOTES.
5. THE USE OF UNDERGROUND HDPE SHALL BE IN ACCORDANCE WITH NEC SPECIFICATIONS AND BE UL APPROVED. MINIMUM STANDARD DIMENSION RATIO TO BE SDR 11.
6. EMT OR RIGID CONDUIT SHALL BE USED OVERHEAD AND ABOVE GROUND.

GRADING NOTES:

1. ADDITIONAL EROSION CONTROL DEVICES TO BE USED AS REQUIRED BY LOCAL INSPECTOR.
2. DISTURBED AREAS LEFT IDLE FOR FIVE DAYS, AND NOT TO FINAL GRADE, WILL BE ESTABLISHED TO TEMPORARY VEGETATION. MULCH, TEMPORARY VEGETATION OR PERMANENT VEGETATION SHALL BE COMPLETED ON ALL EXPOSED AREAS WITHIN 14 DAYS AFTER DISTURBANCE. ALL AREAS TO FINAL GRADE WILL BE ESTABLISHED TO PERMANENT VEGETATION UPON COMPLETION.
3. WHEN HAND PLANTING, MULCH (HAY OR STRAW) SHOULD BE UNIFORMLY SPREAD OVER SEEDED AREA WITHIN 24 HOURS OF SEEDING. IF UNABLE TO ACCOMPLISH, MULCH SHALL BE USED AS A TEMPORARY COVER. CONCENTRATED FLOW AREAS AND ALL SLOPES STEEPER THAN 2.5:1 AND WITH A HEIGHT OF TEN FEET OR GREATER (DOES NOT APPLY TO RETAINING WALLS), AND CUTS AND FILLS WITHIN BUFFERS, SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKETS.
4. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES, PRIOR TO, AND CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.
5. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION CONTROL AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
6. SEED ALL DISTURBED AREAS UNLESS OTHERWISE NOTED AS PART OF THIS CONTRACT.
7. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY RESULT FROM CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES TO REMAIN. THE CONTRACTOR IS TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES AND/OR CONFLICTS WITH EXISTING OR PROPOSED UTILITIES PRIOR TO PROCEEDING.

EROSION CONTROL NOTES:

1. STOCKPILED TOPSOIL OR FILL MATERIAL IS TO BE TREATED SO THE SEDIMENT RUN-OFF WILL NOT CONTAMINATE SURROUNDING AREAS OR ENTER NEARBY STREAMS. STOCKPILE LOCATIONS SHALL BE COORDINATED WITH THE ENGINEER PRIOR TO GRADING ACTIVITIES. EROSION & SEDIMENT CONTROL PRACTICE SHALL BE INSTALLED PRIOR TO STOCKPILE OPERATIONS.
2. CONSTRUCT SILT BARRIERS BEFORE BEGINNING GRADING OPERATIONS.
3. MULCH AND SEED ALL DISTURBED AREAS AS SOON AS POSSIBLE AFTER FINAL GRADING IS COMPLETED (WITHIN 15 DAYS OF ACHIEVED FINAL GRADES) UNLESS OTHERWISE INDICATED. CONTRACTOR SHALL TAKE WHATEVER MEANS NECESSARY TO ESTABLISH PERMANENT SOIL STABILIZATION. STEEP SLOPES (GRATER THAN 3:1) SHALL BE STABILIZED WITHIN 7 DAYS OF FINAL GRADING.
4. PROVIDE TEMPORARY CONSTRUCTION ACCESS(ES) AT THE POINT(S) WHERE CONSTRUCTION EXIT THE CONSTRUCTION AREA, MAINTAIN PUBLIC ROADWAYS FREE OF TRACKED MUD AND DIRT.
5. DO NOT DISTURB VEGETATION OR REMOVE TREES EXCEPT WHEN NECESSARY FOR GRADING PURPOSES.

ADDITIONAL NOTES:

THE FOLLOWING PAGES CONTAIN ADDITIONAL NOTES.

NOTES

SYMBOLS	DESCRIPTIONS
	VOLTA CHARGING STATION (CORD TOWARD VEHICLE)
	WALL MOUNTED JUNCTION BOX
	IN-GROUND JUNCTION/PULL BOX (PLAN VIEW)
	UNDERGROUND CONDUCTORS AND CONDUIT
	INTERIOR OVERHEAD CONDUCTORS AND CONDUIT
	ELECTRICAL PANEL
	NON-FUSED DISCONNECT
	PARKING LOT LIGHT POLES
	LANDSCAPING UP-LIGHT
	LANDSCAPING ELECTRICAL DEVICE
	WATER VALVE
	FIRE HYDRANT
	BOLLARDS, ANCHORED / IN-GROUND CONCRETE SET
	CONDUIT TURNS (UP/DN)
	MANHOLE, SEWER OR OTHER
	MANHOLE, STORM DRAIN
	SPECIAL ATTENTION NEEDED
	ADA PARKING STALL
	SIGN
	GROUND

SOME LEGENDS MAY NOT BE USED ON THESE DRAWINGS. SOME LEGENDS USED MAY NOT APPEAR ON THIS LIST.

LEGENDS

811 Know what's below.
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DIG ALERT

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DIG ALERT

VOLTA

155 DE HARO STREET
SAN FRANCISCO, CA 94103



EV CHARGING INSTALLERS
OF AMERICA, LLC

188 Breakneck Rd. Suite 204
Highland Lakes, NJ 07422
Phone: 855-373-9566

REV	DATE	DESCRIPTION	BY
A	07/02/20	CD50	MM

ISSUE DATE
06/02/2020

ISSUED FOR
REVIEW

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ELECTRIC VEHICLE
CHARGING STATIONS
GIANT # 6505

EVCIA JOB # 1028
1030-PA-EV-Giant-6505-072320.dwg

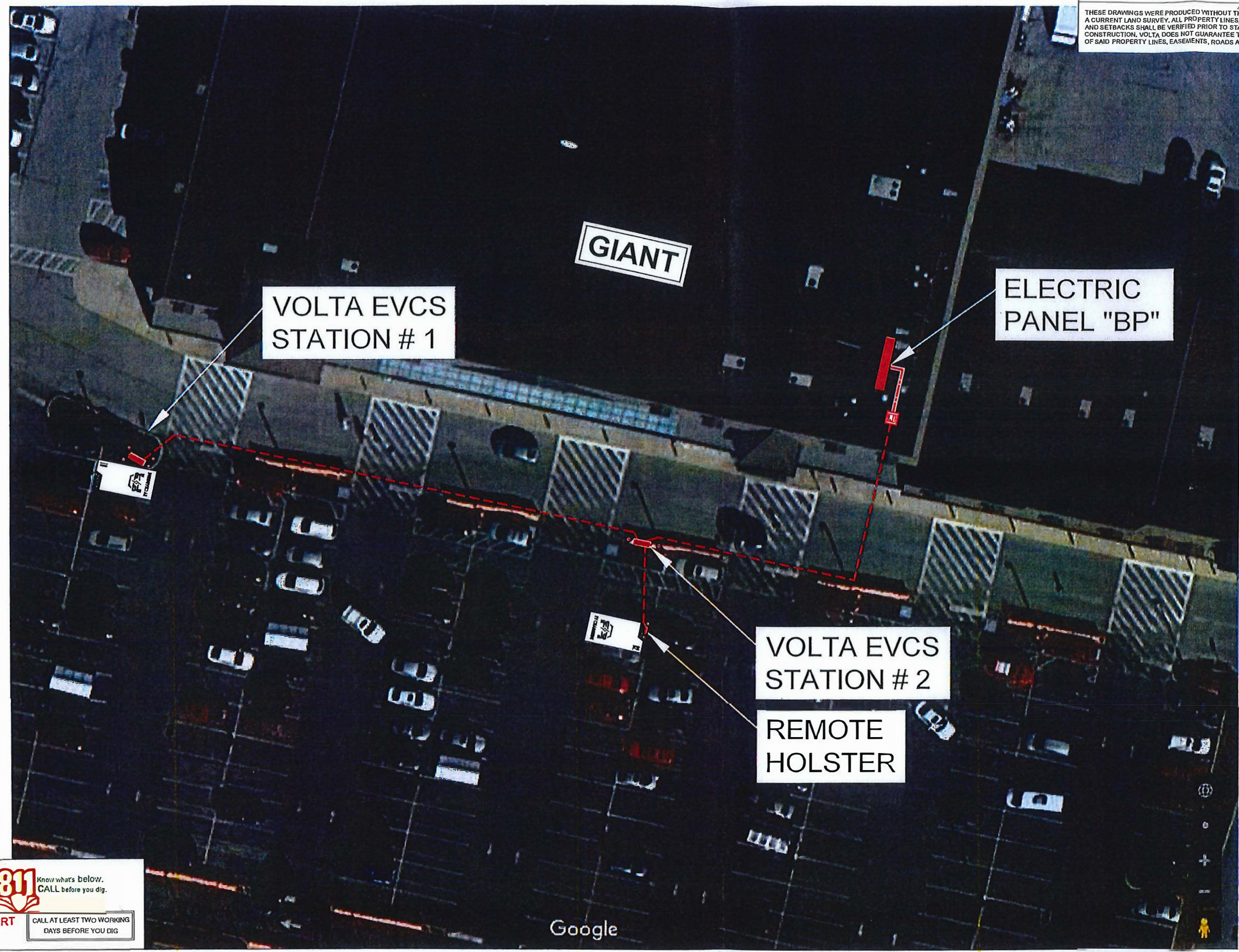
SHEET TITLE
NOTES AND LEGENDS

SHEET NUMBER
T-2.0

NOTE: THE ORIGINAL SIZE OF THIS PLAN IS 24" X 36". SCALE RATIO IS NOT VALID FOR REDUCED OR ENLARGED SHEET SIZES.

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VOLTA

155 DE HARO STREET
SAN FRANCISCO, CA 94103



EV CHARGING INSTALLERS
OF AMERICA, LLC
188 Breakneck Rd, Suite 204
Highland Lakes, NJ 07422
Phone: 855-373-9566

REV	DATE	DESCRIPTION	BY
A	07/02/20	CD50	MM

ISSUE DATE
06/02/2020

ISSUED FOR
REVIEW

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ELECTRIC VEHICLE
CHARGING STATIONS
GIANT # 6505

EVCIA JOB # 1028
1030-PA-EV-Giant-6505-072320.dwg

SHEET TITLE
OVERALL SITE PLAN

SHEET NUMBER
C-1.0

Know what's below.
CALL before you dig.
DIG ALERT
CALL AT LEAST TWO WORKING
DAYS BEFORE YOU DIG



16' 0' 7.5' 16' SCALE: 1" = 16'-0" (24x36) (OR) 1/2" = 16'-0" (11x17)

NOTE: THE ORIGINAL SIZE OF THIS PLAN IS 24" X 36". SCALE RATIO IS NOT VALID FOR REDUCED OR ENLARGED SHEET SIZES.

VOLTA

155 DE HARO STREET
SAN FRANCISCO, CA 94103



EV CHARGING INSTALLERS
OF AMERICA, LLC

188 Breakneck Rd. Suite 204
Highland Lakes, NJ 07422
Phone: 855-373-9566

REV	DATE	DESCRIPTION	BY
A	07/02/20	CD50	MM

ISSUE DATE
06/02/2020

ISSUED FOR
REVIEW

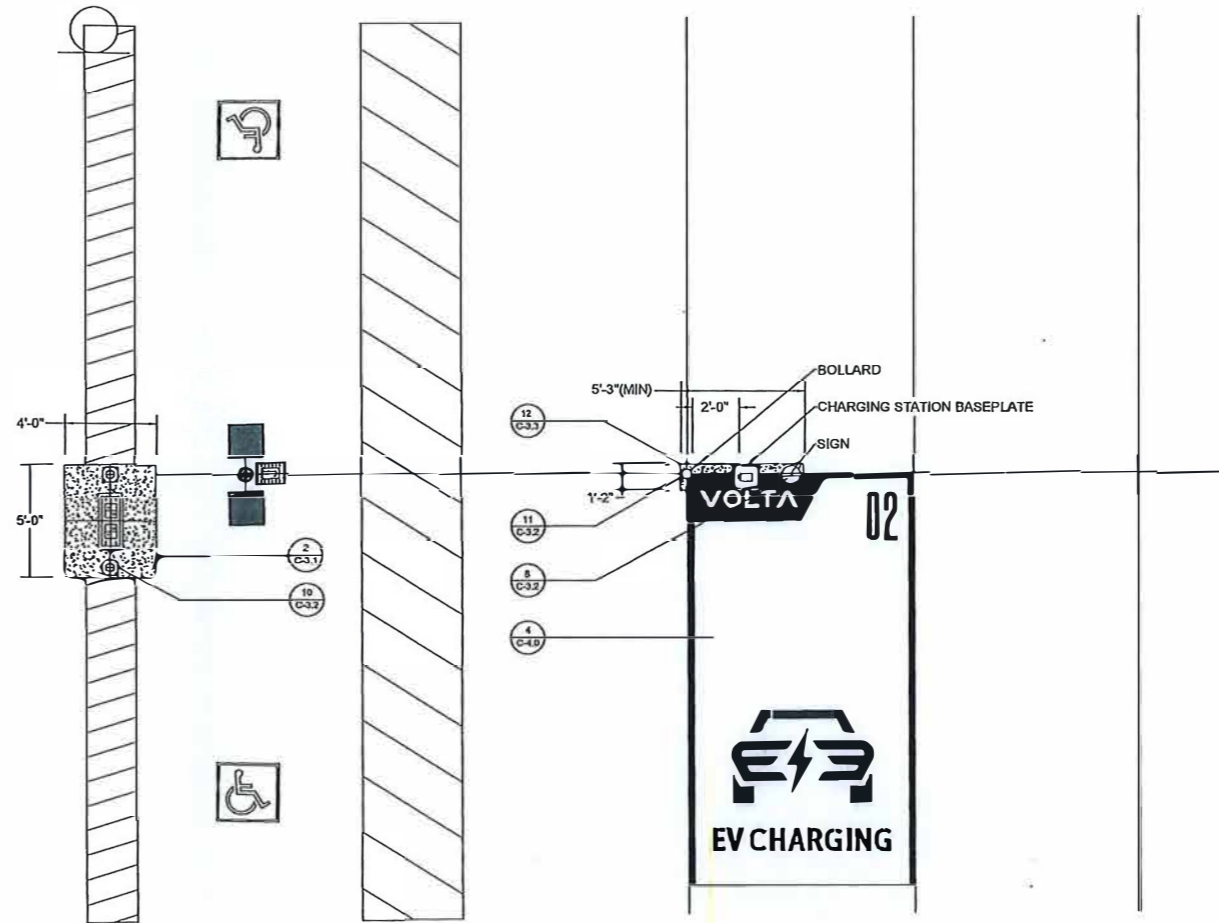
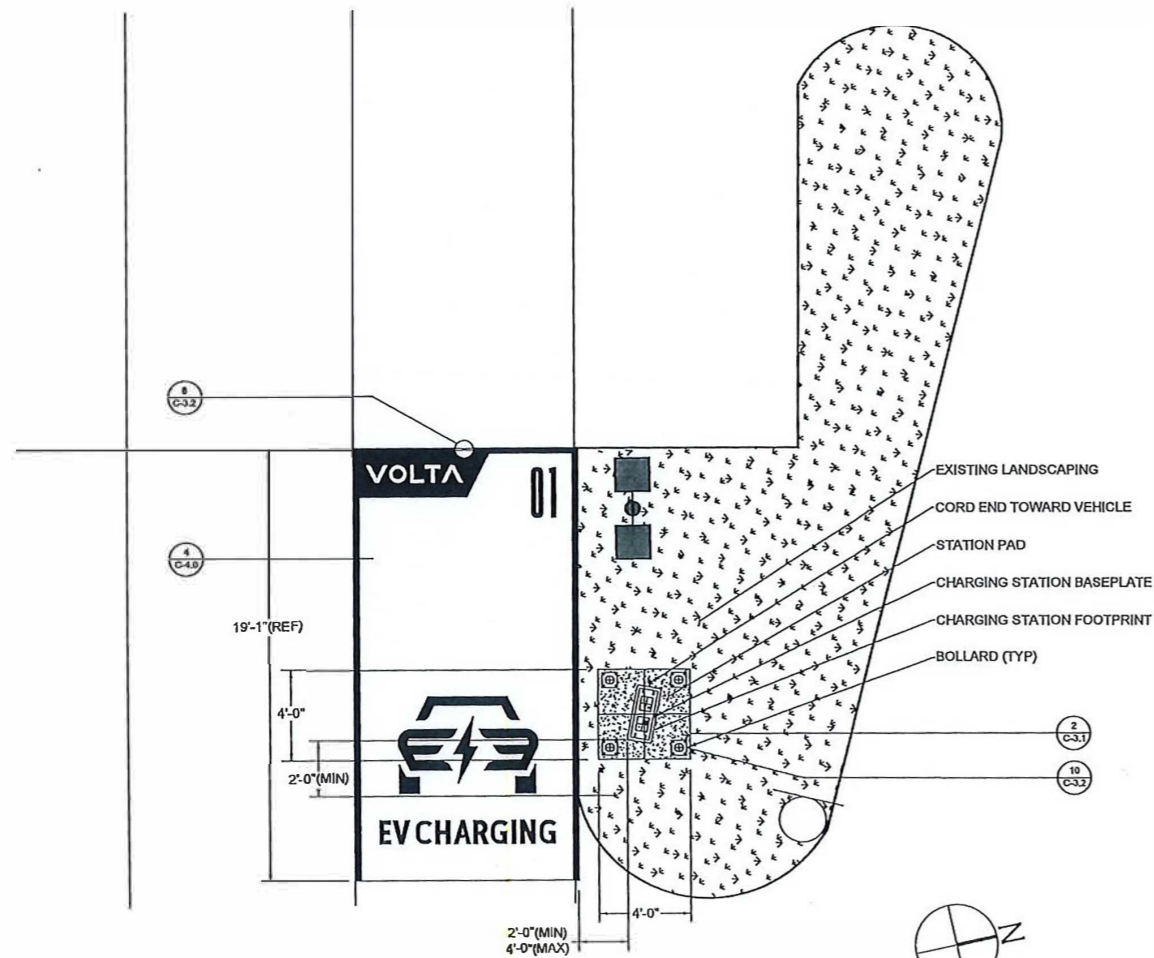
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ELECTRIC VEHICLE
CHARGING STATIONS
GIANT # 6505

EV CIA JOB # 1028
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SHEET TITLE
FOUNDATION DETAILS

SHEET NUMBER
C-3.0



NOTE: THE ORIGINAL SIZE OF THIS PLAN IS 24" X 36". SCALE RATIO IS NOT VALID FOR REDUCED OR ENLARGED SHEET SIZES.

FOUNDATION-01 DETAIL PLAN

SCALE
N.T.S. 1

FOUNDATION-02 DETAIL PLAN

SCALE
N.T.S. 2

VOLTA

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ELECTRIC VEHICLE
CHARGING STATIONS
GIANT # 6505

EV CIA JOB # 1028
1030-PA-EV-Giant-6505-072320.dwg

SHEET TITLE
DETAILS 1

SHEET NUMBER
C-3.1

CONSTRUCTION NOTES:

1. CONTRACTOR RESPONSIBILITIES INCLUDE CHARGING STATION MOUNTING, OVERHEAD CONDUIT INSTALLATION, AND WIRING.
2. CONTRACTOR TO PAINT PROPOSED EV PARKING SPACES PER JURISDICTIONAL REQUIREMENTS.
3. CONTRACTOR TO FIELD SCAN/XRAY EXISTING CONCRETE SLAB TO ENSURE REINFORCEMENT IS NOT DAMAGED DURING EQUIPMENT OR CONDUIT ANCHORING, ENSURE 1" GAP MIN. BETWEEN REBAR AND ANCHORAGE.
4. EXACT STATION PLACEMENT AND ROTATION ANGLE MAY VARY SLIGHTLY UPON INSTALLATION DEPENDING ON SITE CONDITIONS.
5. JUNCTION BOX LOCATIONS AND SIZES TO BE DETERMINED BY INSTALLER AND SHALL MEET NEC REQUIREMENTS.
6. EXACT LOCATION OF BOLLARD PLACEMENT TO BE DETERMINED IN FIELD TO MEET LOCAL JURISDICTION REQUIREMENTS AND TO PROVIDE THE BEST PROTECTION OF ELECTRICAL COMPONENTS FROM DAMAGE.
7. BOLLARD LOCATIONS NOT TO OBSTRUCT STATION MONITORS,

ANCHOR NOTES

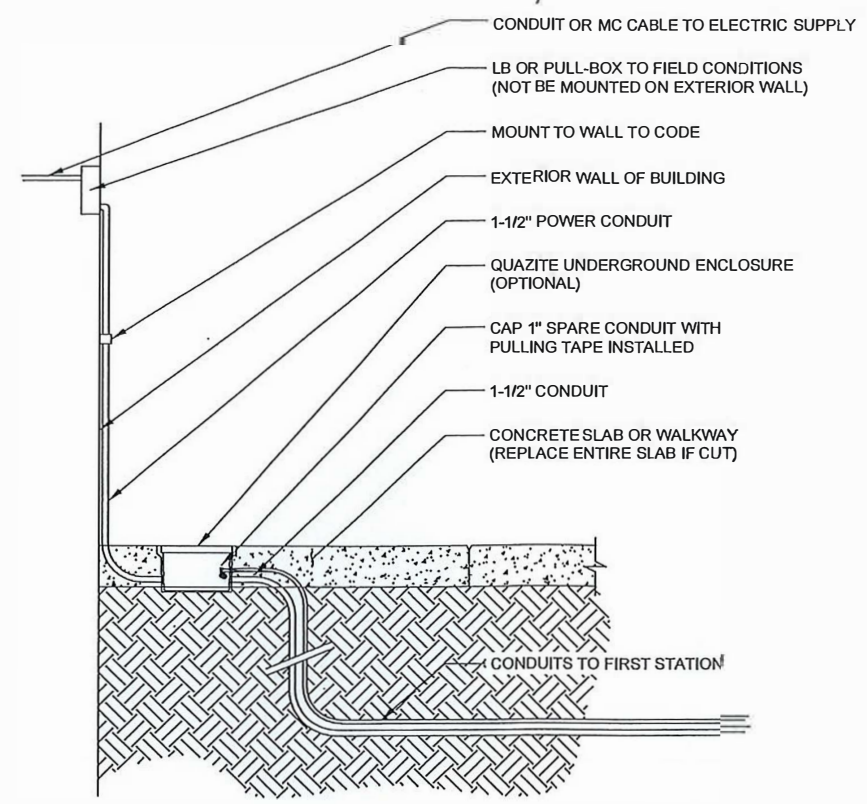
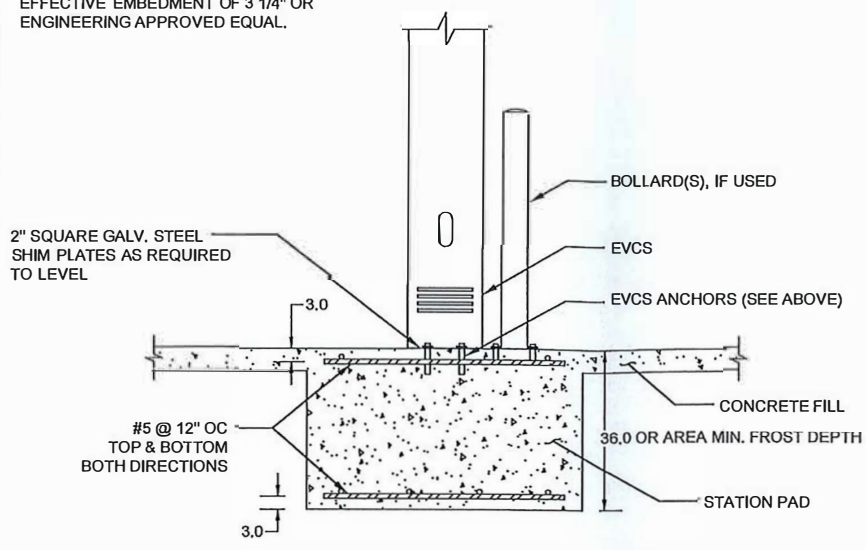
CONTRACTOR TO VERIFY POST INSTALLATION OR CAST IN PLACE ANCHOR AS LISTED BELOW BASED ON FIELD MEASUREMENTS AND JURISDICTIONAL REQUIREMENTS.

CAST IN PLACE ANCHOR:

(6) 1/2" DIAMETER STAINLESS STEEL GR. SS304 CAST-IN-PLACE ANCHORS WITH MINIMUM EFFECTIVE EMBEDMENT OF 3 1/4" OR ENGINEERING APPROVED EQUAL

POST INSTALLATION MECHANICAL ANCHOR:

(6) 1/2" DIAMETER HILTI KWIK BOLT TZ-SS304 ANCHOR ROD WITH MINIMUM EFFECTIVE EMBEDMENT OF 3 1/4" OR ENGINEERING APPROVED EQUAL.



NOTES

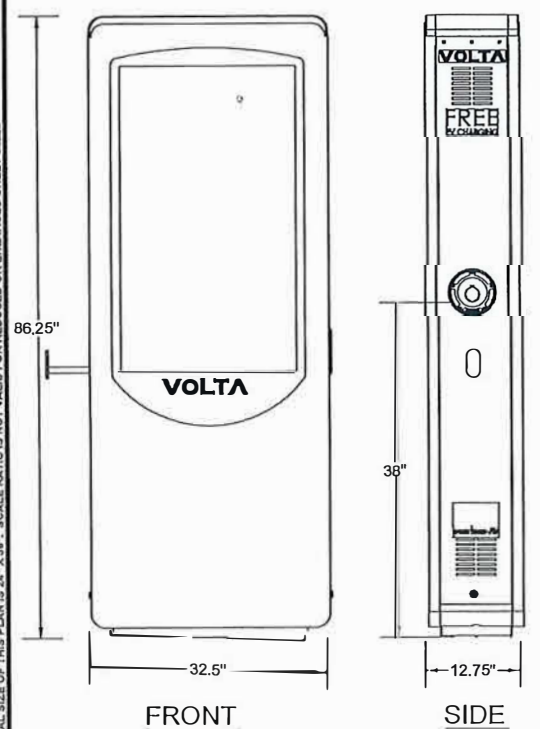
FOUNDATION SECTION

SCALE
N.T.S. 2

BUILDING ENTRY DETAIL

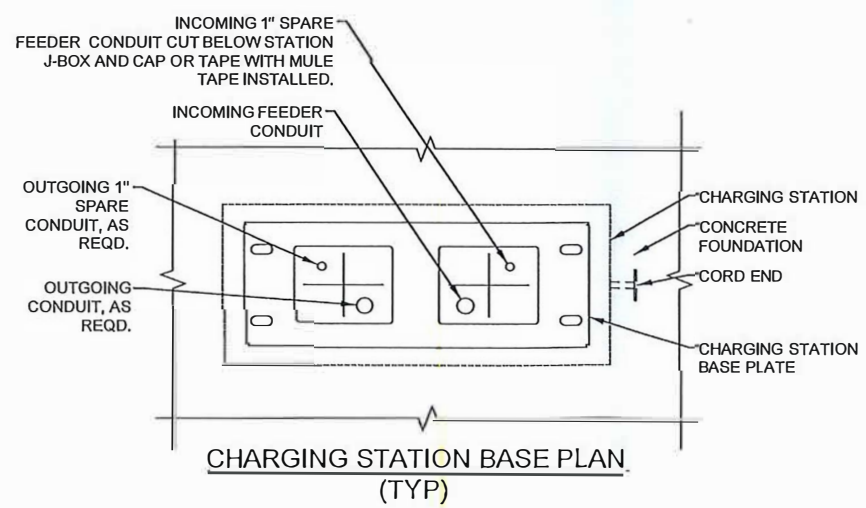
SCALE
N.T.S. 3

CHARGER SPECIFICATIONS



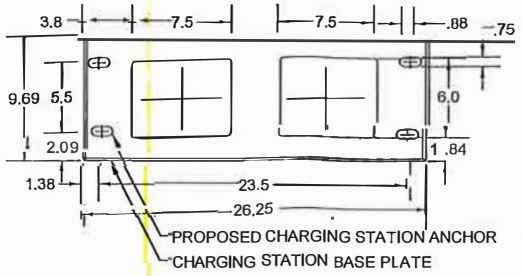
SIZE: 83.5"H x 32"W x 10"D
POWER: 208V & 120V 40/5 A 60Hz.
PLUG: SAE 1772 COMPLIANT CONNECTOR
LISTINGS: ETL LISTED TO UL E472596

- NOTES:
1. THE GRIP RANGE FOR THE CHARGE CABLE BEGINS AT 32" ABOVE PARKING SURFACE.
 2. CORD SIDE TOWARD VEHICLE



CONDUIT STUB-UP LOCATION NOTE

LOCATIONS SHOWN IN RELATION TO THE CHARGING STATION BASE PLATE TO ACCOMMODATE THE LOCATION OF THE STATION INTERNAL JUNCTION BOX



VOLTA EVCS DETAIL

SCALE
N.T.S. 4

BASE PLATE DETAIL

SCALE
N.T.S. 5

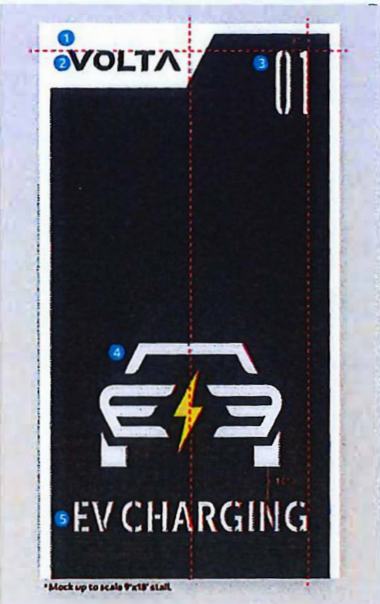
QUAZITE BOX DETAIL

SCALE
N.T.S. 6

NOTE: THE ORIGINAL SIZE OF THIS PLAN IS 24" X 36". SCALE RATIO IS NOT VALID FOR REDUCED OR ENLARGED SHEET SIZES

PRODUCTS

Cement Backgrounds: Form-Mon-Floor & Pavle Erection Blue 8721-2X
 813x 302x 81 in. 0.01 in. 100
 Asphalt Backgrounds: Letra-16 475 Gal. Ultra Shield Driveway Film Seal
 Traffic Pavement Marking W/Barry TM4713 LP Tel: 771-9733, TM4713 White TTP-19230



*Mock up to scale 8'x14' stall.

SURFACE PREP

Backgrounds are to only be painted for marquee locations or any locations where the existing space has conflicting diagonal or is poor shape. For all other instances please proceed to brand ed striping.

CEMENT BACKGROUND:
 For cement backgrounds please use battleship blue. All backgrounds must run edge-to-edge across the entire parking space.

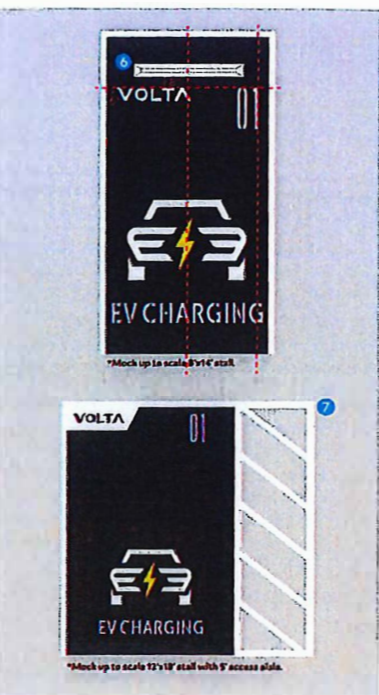
ASPHALT BACKGROUND:
 Asphalt should be resurfaced with sealcoat. All backgrounds must run edge-to-edge across the entire parking space.

BRANDED STRIPING

VOLTA LOGO:
 Should match the overall background color of the parking stall (unless you are omitting the color, then shape according to other specs, if so paint it white).

LINE & STENCIL:
 Use traffic grade yellow for the lightning bolt stencil. Use traffic grade white for all other lines and stencils.

- 1. SHAPE (WHITE)** Place flush with the top left corner.
- 2. VOLTA LOGO** Center within the shape.
- 3. NUMBERS (WHITE)** The right number line up flush right to the "G" in "CHARGING" and flush top with the Volta logo. There should be 3 inches in-between the left and right numbers. If stall is less than 8 feet, sign numbers with the middle of the "C" (See page 2).
- 4. LETTERS** Place centered, 4 inches from the bottom of the stall with 2.5 inches between the 2 lines.
- 5. CAR** Place centered 14 inches from the top of the letters.



*Mock up to scale 8'x14' stall.



*Mock up to scale 12'x14' stall with 5' access aisle.

ABSOLUTELY DO NOT

- Paint only a portion of the background (edge-to-edge or not at all)
- Paint the lightning bolt, any color but yellow or white
- Break EV CHARGING into 3 lines
- Only put 1 number in top right corner
- Paint the Volta logo any color other than white or battleship blue/black

ACCESSORIES

- 4. WHEEL LOCKS** Place 8 inches above the Volta logo, centered within the stall. Wheel locks should be painted white.
 - 7. ACCESS AISLE** Should be painted white.
- CURBS** No need to paint the curbs unless they are painted an existing or conflicting color. If this is the case, paint the curb white.



*Mock up to scale 8'x14' stall at 45° angle.

DIAGONAL STALLS

- 1. SHAPE (SEE PAGE 1)** Omit in diagonal spaces.
- 2. VOLTA LOGO (WHITE)** 6 inches from the top line at the same angle as the stall lines.
- 3. NUMBERS (WHITE)** The right number lines up flush right to the "G" in "CHARGING" and flush top with the Volta logo at same angle as the stall lines. There should be 3 inches in-between the left and right numbers. If stall is less than 8 feet, sign numbers with the middle of the "C" (See diagram)
- 4. LETTERS** Place centered, 4 inches from the bottom of the stall according to the top line with 2.5 inches between the 2 lines.
- 5. CAR** Place centered 14 inches from the top of the letters at the same angle as the stall lines.
- 6. WHEEL LOCKS** Place 8 inches above the Volta logo in the same angle as the stall lines. Center according to the space left in angled area. Wheel locks should be painted white.

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 SAN FRANCISCO, CA 94103



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ELECTRIC VEHICLE
 CHARGING STATIONS
 GIANT # 6505

EVCIA JOB # 1028
 1030-PA-EV-Giant-6505-072320.dwg

SHEET TITLE
 DETAILS

SHEET NUMBER
 C-4.0

VOLTA PARKING SPACE DETAILS

Volta stripes stalls to mark them as "EV Charging Only" in compliance with jurisdictional requirements.

Parking Signs: EV Charging Only
 Parking Sign: EV Charging Only
 Letters: 12" Tall
 Size: 4" x 8"

- EV-only Signage
- EV-only Parking Sign



STATION INSPECTION + EVALUATION INFO

With a century of experience, CSA Group (www.csa.com) works with a team of technical experts and a global network of testing labs to help users produce compliance to applicable safety and performance requirements.

Every Volta station receives a CSA Field Evaluation by a qualified inspector while at the manufacturing facility; ensuring every station met tested and complies with the requirements of the US National Fire Protection Association.

The CSA mark is recognized and accepted by regulators and Authorities Having Jurisdiction (AHJ) and appears on billions of products all over the world.

CSA Group is accredited and recognized by numerous organizations around the world in various fields, including OSHA and ANSI in the U.S.

CSA marks are widely accepted throughout North America and found on various commercial and industrial products.

VOLTA - STATION OVERVIEW

Volta provides the most advanced electric vehicle charging network. This network is only available to the community via Volta charging network. Volta is the most advanced EV charging network. Our stations have the most advanced EV charging network. Our stations have the most advanced EV charging network.

- VOLTA STATION BENEFITS**
- Fastest charging speeds and 24/7 availability
 - Charge at electric vehicle
 - Efficient to charge, eco-friendly, and smart
 - Free electricity supports EV charging network
 - Charges up to 2 hours for EVs with software that optimizes charging
 - Volta stations are designed for the future
 - Volta has provided over 50 million miles of EV charging, replacing approximately 2.3 million gallons of gas and distributed to over 45 states across the US.

Charging Unit Information

Single charging unit
 Size: 11' x 6.25" x 11.25" x 12.25"
 Weight: 110 lbs
 Cable length: 20'
 Power Type: 208V/240V, 60A, 100kW max
 Max. Amps: 117.2A (100kW) / 100kW
 UL: UL 1004, UL 1008

POWER REQUIREMENTS

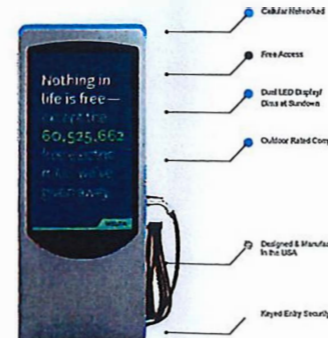
Charging Unit: 208V/240V, 60A, 100kW max
 Charging Unit Power: 208V/240V, 100kW max
 Cable length: 20' max

INSTALLATION REQUIREMENTS

Wire: 208V/240V, 60A, 100kW max
 Cable length: 20' max
 Conduit: 2" min
 For more information, visit: www.volta.com



Volta is a global EV charging network providing one of our charging stations in a parking area.



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GIANT

ELECTRIC PANEL "BP"

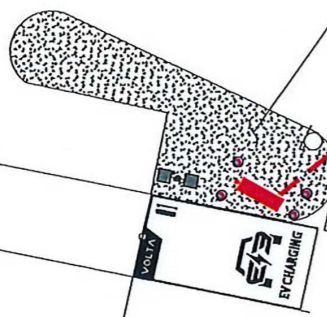
CONDUIT TO BE ROUTED UNDERGROUND TO UG J-BOX AND UP EXTERIOR WALL AND PENETRATE INTO BAKERY ABOVE CEILING AT A LOCATION TO BE DETERMINED IN FIELD. 1" UG CONDUIT TERMINATED AND CAPPED. ENTIRE SECTION OF SLAB TO BE REPLACED. SEE DETAIL, LOWER LEFT.

1-1/2" CONDUIT
4 - #2 AWG
4 - #10 AWG
1 - #6 Gnd

REMOVE AND REPLANT VEGETATION AS REQ'D.

1-1/2" CONDUIT
1" CONDUIT (Sp)
2 - #2 AWG
2 - #10 AWG
1 - #6 AWG Gnd

1-1/2" CONDUIT
1" CONDUIT (Sp)
4 - #2 AWG
4 - #10 AWG
1 - #6 Gnd



CONDUIT PLAN

10' 0' 5' 10' SCALE: 1" = 10'-0" (24x36)
(OR) 1/2" = 10'-0" (11x17)

VOLTA

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CHARGING STATIONS
GIANT # 6505

EVCIA JOB # 1028
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SHEET TITLE
CONDUIT PLAN

SHEET NUMBER
E-1.0

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ELECTRICAL NOTES:

- 1. ALL ELECTRICAL WORK AND RELATED ACTIVITIES PERFORMED ON-SITE SHALL BE DONE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE (NEC) STANDARDS BEING ENFORCED BY ALL APPLICABLE JURISDICTIONAL REQUIREMENTS AT THE TIME OF CONSTRUCTION.
2. UTILITY EQUIPMENT INSTALLATIONS AND PREP WORK SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY ENGINEER AT TIME OF PRECONSTRUCTION MEETING TO ENSURE ACCURACY OF INSTALLATIONS.
3. CONDUIT PATHS ARE REPRESENTATIVE ONLY. EXACT CONDUIT PLACEMENT TO BE DETERMINED ON SITE BASED ON FIELD CONDITIONS.
4. A NATIONALLY RECOGNIZED TESTING LABORATORY SHALL LIST ALL EQUIPMENT IN COMPLIANCE WITH NEC ARTICLE 110.3
5. ALL EXTERIOR EQUIPMENT SHALL BE RAIN TIGHT AND APPROVED FOR USE IN WET CONDITIONS.
6. ALL CONDUCTORS TO BE THIN COPPER
7. ALL CONDUCTORS AND CABLES SHALL BE PROVIDED WITH STRAIN RELIEF UPON ENTRY INTO ENCLOSURES
8. EACH UNGROUNDED CONDUCTOR SHALL BE IDENTIFIED BY PHASE AND SYSTEM PER NEC 210.5
9. ALL METALLIC COMPONENTS SHALL BE GROUNDED VIA ELECTRIC GROUNDING CONDUCTORS.
10. ALL UNDERGROUND CONDUIT TO BE HDPE SDR11 (OR BETTER), UL RATED, MINIMUM 24" DEEP.
11. WIRING FOR VOLTA CHARGING STATIONS TO BE INSTALLED PER MANUFACTURER'S DIRECTIONS AND SPECIFICATIONS.
12. CHARGING UNITS ARE EQUIPPED WITH AN INTEGRATED CONTACTOR TO PREVENT BACK FEEDING OF POWER TO THE SOURCE.
13. CONTRACTOR TO ENSURE THAT ALL FEEDERS, CONDUITS, CONDUCTORS, OCPD, TRANSFORMERS, ELECTRICAL PANELS AND OTHER ELECTRICAL EQUIPMENT IS SIZED TO COMPLY WITH WITH CURRENT NEC AND LOCAL AHJ CODES.
14. CONTRACTOR IS RESPONSIBLE TO VERIFY DESIGN, ENGINEERING ASSUMPTIONS AND EXISTING FIELD CONDITIONS. REPORT ANY INSUFFICIENCIES TO ENGINEER OF RECORD PRIOR TO ANY WORK BEING PERFORMED.

ABBREVIATIONS:

- A AMPERE
AC ALTERNATING CURRENT
AL ALUMINUM
ART ARTICLE
AUX AUXILIARY
BLDG BUILDING STRUCTURE
CONC CONCRETE
CU COPPER
DC DIRECT CURRENT
EGC EQUIPMENT GROUNDING CONDUCTOR
(E) EXISTING
EMT ELECTRIC METALLIC TUBING
EV ELECTRIC VEHICLE
EVSE ELECTRIC VEHICLE SUPPLY EQUIPMENT
GALV GALVANIZED
GND GROUND
HDG HOT DIPPED GALVANIZED
I CURRENT
KVA KILOWATT AMPERE
KW KILOWATT
M METER
MAX MAXIMUM
MIN MINIMUM
N NEUTRAL
NEC NATIONAL ELECTRIC CODE
NTS NOT TO SCALE
(N) NEW
OC ON CENTER
PL PROPERTY LINE
PH PHASE
PVC POLYVINYL CHLORIDE
RMC RIGID METALLIC CONDUIT
SCH SCHEDULE
SS STAINLESS STEEL
TYP TYPICAL
V VOLT
W WATT
XFMR TRANSFORMER

PANEL CALCULATIONS

PANEL CALCULATIONS PANEL NO: PAC. Table with columns for CAT. NO., LOAD DESCRIPTION, NO. PHASES, CIRCUIT BREAKER, WIRE SIZE, LOAD, BUS, and BUS BAR. Includes total connected load and demand load calculations.

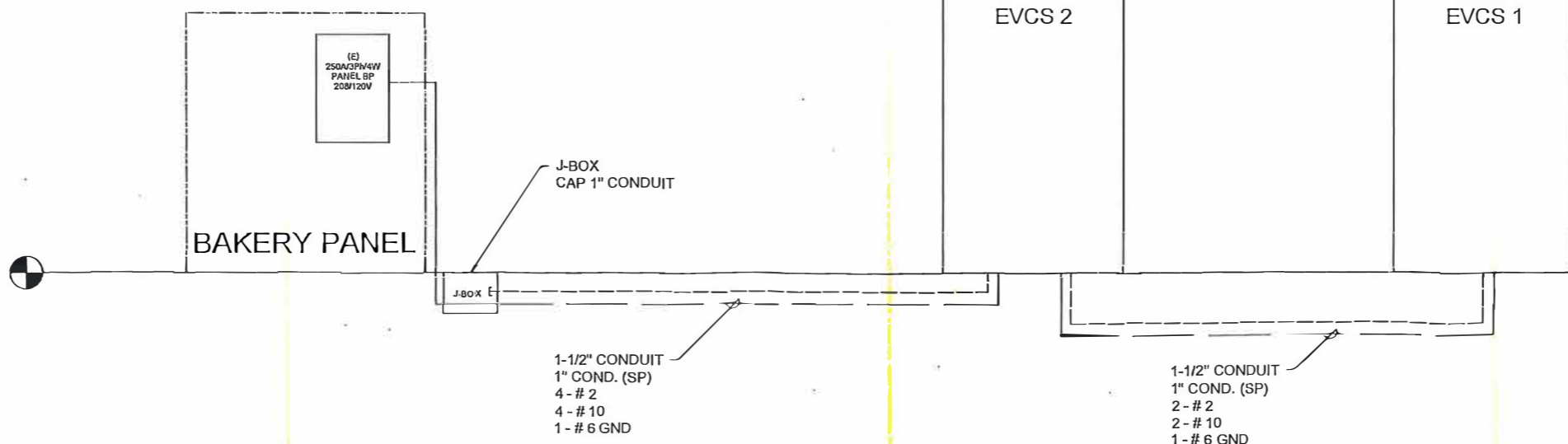
PANEL CALCULATIONS PANEL NO: BPD. Table with columns for CAT. NO., LOAD DESCRIPTION, NO. PHASES, CIRCUIT BREAKER, WIRE SIZE, LOAD, BUS, and BUS BAR. Includes total connected load and demand load calculations.

VD-1 VD-2



CONDUIT FILL CALCULATOR. Table for selecting wire type and conduit size based on number of conductors and wire size. Includes columns for wire size, number of conductors, total area, conduit trade size, and conduit fill percentage.

LOAD STUDY IN PROGRESS



ELECTRICAL ONE-LINE

VOLTA

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SAN FRANCISCO, CA 94103



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Table with columns A, REV, DATE, DESCRIPTION, MM, CD50, BY.

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SHEET TITLE
ELECTRICAL ONE-LINE

SHEET NUMBER
E-1.1

Memo

East Goshen Township

Date: July 28, 2021

To: Authorities, Boards and Commissions

From: Susan D'Amore

RE: Future ABC Meetings

Governor Wolf's COVID-19 emergency disaster declaration officially ended back in June. The declaration ending caused the expiration of PA Act 15 of 2020 which means that fully virtual meetings are no longer allowed by law.

This memo is to inform you that as of September 1, 2021, all East Goshen Township ABC meetings must be held **in person**. I will be re-advertising in the Daily Local as needed.

Please let me know if you have any questions.

U:\SDAmore\Letters\ACT 15 of 2020 no longer in effect 072821 memo.docx