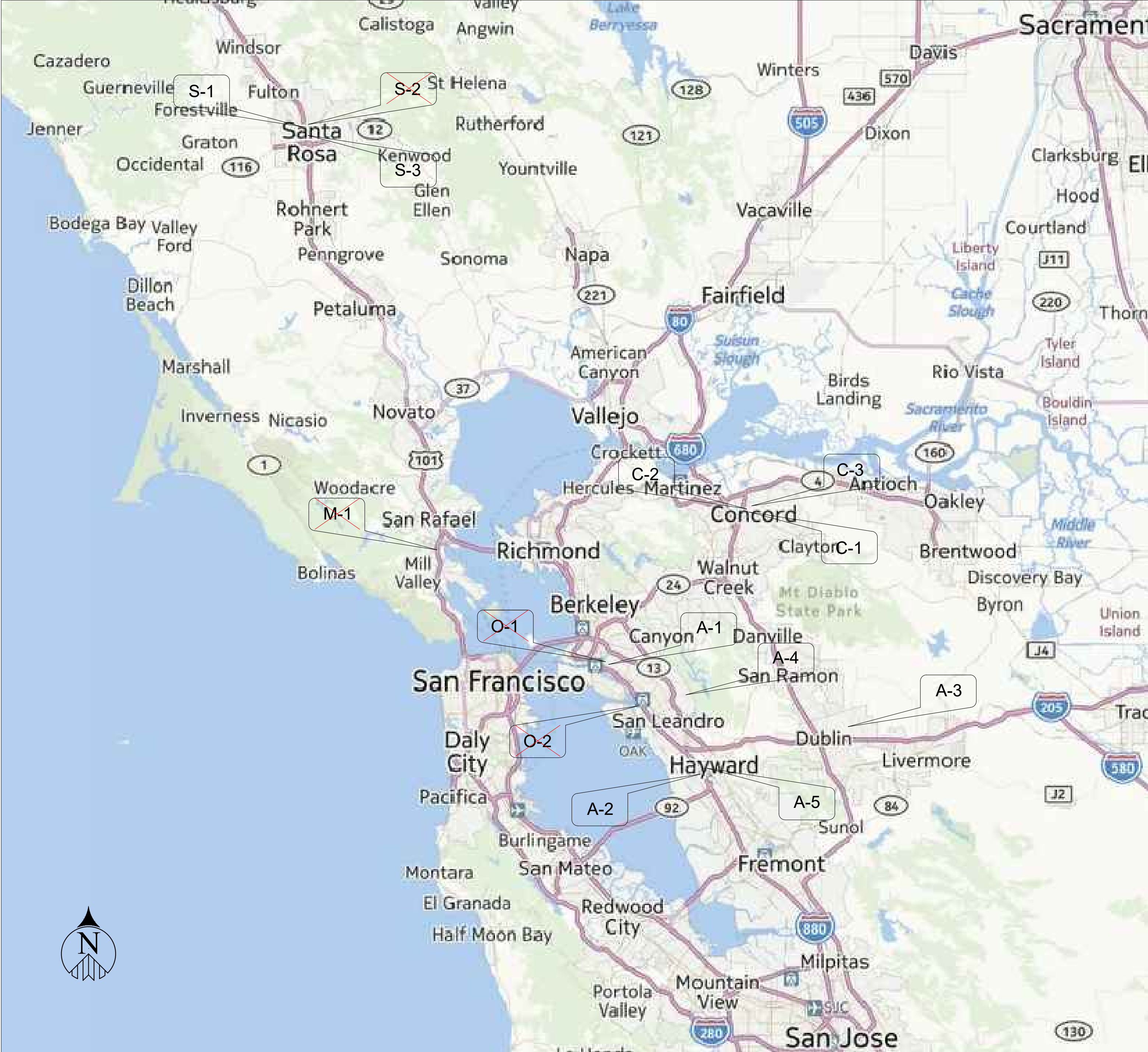


INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS IN THE COUNTIES OF ALAMEDA, CONTRA COSTA & SONOMA

100% DESIGN
DEC 3, 2014



VICINITY MAP

NTS

PROJECT SITE	# CHARGING SPACES	# CHARGERS		AGENCY	FACILITY	ADDRESS
		DUAL	SINGLE			
A-1	16	8		COUNTY OF ALAMEDA	ALCO PARK, ALAMEDA COUNTY PARKING GARAGE	165 13TH STREET, OAKLAND, CA 94612
A-2	2	1		COUNTY OF ALAMEDA	DEPT. OF PUBLIC WORKS, ALAMEDA COUNTY	951 TURNER COURT, HAYWARD, CA 94545
A-3	2	1		COUNTY OF ALAMEDA	SANTA RITA ALAMEDA COUNTY JAIL	6175 MADIGAN RD., DUBLIN, CA 94568
A-4	2	1		COUNTY OF ALAMEDA	WILLOW ROCK CENTER, ALAMEDA COUNTY	15400 FOOTHILL BLVD., SAN LEANDRO, CA 94578
A-5	4	2		COUNTY OF ALAMEDA	WINTON CAMPUS, PWA ANNEX BUILDING	399 ELMHURST ST., HAYWARD, CA 94544
O-1					NOT INCLUDED	
O-2					NOT INCLUDED	
C-1	4	2		CITY OF CONCORD	CONCORD POLICE DEPARTMENT	1350 GALINDO ST., CONCORD, CA 94520
C-2	2	1		CITY OF CONCORD	CONCORD FACILITIES MAINTENANCE	1435 GASOLINE ALLEY, CONCORD, CA 94520
C-3	4	2		CITY OF CONCORD	CONCORD CIVIC CENTER	1950 PARKSIDE DRIVE, CONCORD, CA 94519
M-1					NOT INCLUDED	
S-1	4	2		COUNTY OF SONOMA	SONOMA COMMUNITY DEVELOPMENT COMMISSION	1440 GUERNEVILLE RD., SANTA ROSA, CA 95401
S-2					NOT INCLUDED	
S-3	8	4		COUNTY OF SONOMA	SONOMA ENVIRONMENTAL HEALTH DHS	625 5TH STREET, SANTA ROSA, CA 95404
TOTAL	48	24	0			

TABLE OF VARIOUS SITES

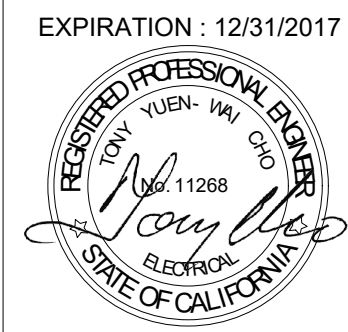
NO.	REVISIONS	DATE	REV'D	APP'D
3	ONE SITE EXCLUDED	11/02/2015		
2	TWO SITES EXCLUDED	10/21/2015		
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015		

DRAWN	ALEXIS HUI
DESIGNED	WILLIAM DOCKERY/TONY CHO
CHECKED	TONY HUEN

GLOBAL ENGINEERING ENTERPRISE
2410 ARMSTRONG STREET
LIVERMORE, CA 94551
(925) 398 8418

COUNTY OF ALAMEDA
GENERAL SERVICES AGENCY
INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS

ALL SITES	VARIOUS LOCATIONS	DATE	JAN 18, 2016
COUNTIES OF ALAMEDA, CONTRA COSTA & SONOMA		SCALE	AS NOTED
TITLE SHEET, LOCATIONS MAP & PROJECT INFORMATION		JOB #	2014_D_00060
		SHEETS	1 OF 32 SHEETS
		SHEET #	G-0.1



DRAWINGS INDEX

ABBREVIATIONS

UNIT OF MEASUREMENT & SYMBOLS

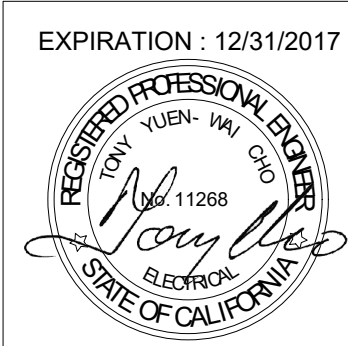
100% DESIGN
DEC 3, 2014

SHEET #	DESCRIPTION	CITY	COUNTY
1	G-0.1 TITLE SHEET, LOCATIONS MAP & PROJECT INFORMATION		
2	G-0.2 DRAWINGS INDEX, ABBREVIATIONS & UNIT OF MEASUREMENT SYMBOLS		
3	G-0.3 DESIGN SYMBOLS, WIRING DIAGRAMS LEGEND & GENERAL NOTES		
4	G-1 CHARGER WIRING, BOLLARD & CHARGER MOUNTING DIAGRAMS		
5	A-1.1 LOCATION OF EV CHARGERS	ALCO PARK	OAKLAND
6	A-1.2 ONE LINE DIAGRAM	ALCO PARK	OAKLAND
7	A-2.1 LOCATION OF EV CHARGERS	DEPARTMENT OF PUBLIC WORKS	HAYWARD
8	A-2.2 ONE LINE DIAGRAM	DEPARTMENT OF PUBLIC WORKS	HAYWARD
9	A-3.1 LOCATION OF EV CHARGERS	SANTA RITA JAIL, FLEET GARAGE	DUBLIN
10	A-3.2 ONE LINE DIAGRAM	SANTA RITA JAIL, FLEET GARAGE	DUBLIN
11	A-4.1 LOCATION OF EV CHARGERS	WILLOW ROCK CENTER	SAN LEANDRO
12	A-4.2 ONE LINE DIAGRAM	WILLOW ROCK CENTER	SAN LEANDRO
13	A-5.1 LOCATION OF EV CHARGERS	WINTON CAMPUS	HAYWARD
14	A-5.2 ONE LINE DIAGRAM	WINTON CAMPUS	HAYWARD
15	O-1.1 NOT INCLUDED		
16	O-1.2 NOT INCLUDED		
17	O-2.1 NOT INCLUDED		
18	O-2.2 NOT INCLUDED		
19	C-1.1 LOCATION OF EV CHARGERS	POLICE DEPARTMENT	CONCORD
20	C-1.2 ONE LINE DIAGRAM	POLICE DEPARTMENT	CONCORD
21	C-2.1 LOCATION OF EV CHARGERS	CORPORATE YARD	CONCORD
22	C-2.2 ONE LINE DIAGRAM	CORPORATE YARD	CONCORD
23	C-3.1 LOCATION OF EV CHARGERS	CIVIC CENTER	CONCORD
24	C-3.2 ONE LINE DIAGRAM	CIVIC CENTER	CONCORD
25	M-1.1 NOT INCLUDED		
26	M-1.2 NOT INCLUDED		
27	S-1.1 LOCATION OF EV CHARGERS	COMMUNITY DEVELOPMENT COMMISSION	SANTA ROSA
28	S-1.2 ONE LINE DIAGRAM	COMMUNITY DEVELOPMENT COMMISSION	SANTA ROSA
29	S-2.1 NOT INCLUDED		
30	S-2.2 NOT INCLUDED		
31	S-3.1 LOCATION OF EV CHARGERS	ENVIRONMENTAL HEALTH DHS	SANTA ROSA
32	S-3.2 ONE LINE DIAGRAM	ENVIRONMENTAL HEALTH DHS	SANTA ROSA

@	AT	ENGR	ENGINEER	PVMT	PAVEMENT
ABN	ABANDON	EV	ELECTRIC VEHICLE	QTY	QUANTITY
ADJ	ADJUST	EVCS	ELECTRIC VEHICLE CHARGING STATION	R & D	REMOVE AND DISPOSE
AIC	AMPERES INTERRUPTING CAPACITY	EVDC	ELECTRIC VEHICLE DUAL CHARGER	REL	RELOCATE
ALT	ALTERNATE	EVSC	ELECTRIC VEHICLE SINGLE CHARGER	REPL	REPLACEMENT
APPROX	APPROXIMATE	EXT	EXTERIOR	REV	REVISED, REVISION
ATS	AUTOMATIC TRANSFER SWITCH	FG	FINISHED GRADE	RT	RIGHT
AVE	AVENUE	FTG	FOOTING	S	SUPPLEMENT
AVG	AVERAGE	FV	FIELD VERIFY	SC	SAND CUSHION
BC	BOLT CIRCLE	G	EQUIPMENT GROUNDING CONDUCTOR	SHT	SHEET
BKF	BACKFILL	GALV	GALVANIZED	SPEC	SPECIAL, SPECIFICATIONS
BLDG	BUILDING	GB	GROUND BUS	ST	STREET
BLVD	BOULEVARD	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	STA	STATION
BMP	BEST MANAGEMENT PRACTICE	GSP	GALVANIZED STEEL PIPE	STD	STANDARD
C	CONDUIT	H	HEIGHT	STR	STRUCTURE
CB	CIRCUIT BREAKER	HDPE	HIGH DENSITY POLYETHYLENE	SURF	SURFACING
CBC	CALIFORNIA BUILDING CODE	HORIZ	HORIZONTAL	TC	TOP OF CURB
C-C	CENTER TO CENTER	ID	INSIDE DIAMETER	TEMP	TEMPORARY
CEC	CALIFORNIA ELECTRIC CODE	INT	INTERIOR	TOT	TOTAL
CL	CHAIN LINK	JCT	JUNCTION	TYP	TYPICAL
CL-6	CHAIN LINK FENCE (6 FT)	L	LENGTH, ANGLE (STRUCTURAL STEEL SHAPE)	UG	UNDERGROUND
CO	CONDUIT ONLY	LT	LEFT	UON	UNLESS OTHERWISE NOTED
CONC	CONCRETE	MAX	MAXIMUM	VAR	VARIABLE, VARIES
COND	CONDUIT	MIN	MINIMUM	VEH	VEHICLE
CONN	CONNECTOR	MISC	MISCELLANEOUS	VERT	VERTICAL
CONST	CONSTRUCT, CONSTRUCTION	MISC I & S	MISCELLANEOUS IRON AND STEEL	VOL	VOLUME
CONT	CONTINUOUS	MOD	MODIFIED, MODIFY	W	WIRE
COORD	COORDINATE	MTG	MOUNTING	WT	WEIGHT
CT	COURT	(N)	NEW	X SEC	CROSS SECTION
D	DEPTH	NB	NEUTRAL BUS	XFMR	TRANSFORMER
DET	DETAIL, DETOUR	NO.	NUMBER (MUST HAVE PERIOD)	XING	CROSSING
DIA	DIAMETER	NOS.	NUMBERS (MUST HAVE PERIOD)	YR	YEAR
DIAPH	DIAPHRAGM	NPS	NOMINAL PIPE SIZE	YRS	YEARS
DIST	DISTANCE, DISTRICT	NS	NO SCALE		
DR	DRIVE	NTS	NOT TO SCALE		
DWY	DRIVEWAY	OD	OUTSIDE DIAMETER		
(E)	EXISTING	PB	PULL BOX		
EG	EMERGENCY GENERATOR	PCC	PORTLAND CEMENT CONCRETE		
ELECT	ELECTRIC	PS&E	PLANS, SPECIFICATIONS AND ESTIMATES		
EMT	ELECTRICAL METALLIC TUBING	PVC	POLYVINYL CHLORIDE		

A	AMPERE	ø	PHASE, NOMINAL DIAMETER
AMP	AMPERE	OZ	OUNCE
CF	CUBIC FOOT	P	PICO
CY	CUBIC YARD	PSF	POUNDS PER SQUARE FOOT
EA	EACH	PSI	POUNDS PER SQUARE INCH
FC	FOOT - CANDLE	S	SECOND
FT	FOOT OR FEET	SQFT	SQUARE FOOT
HZ	HERTZ	SQRT	SQUARE ROOT
K	KILO	TON	2,000 POUNDS
KVA	KILO-VOLT-AMP	V	VOLT
LB	POUND	V(AC)	VOLT (ALTERNATING CURRENT)
LB	POUND	V(DC)	VOLT (DIRECT CURRENT)
LF	LINEAR FOOT	VA	VOLT-AMPERE
M	MEGA	W	WATTS
m	MILLI	μ	MICRO
MIN	MINUTE	Ω	OHMS

NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN ALEXIS HUI DESIGNED WILLIAM DOCKERY/TONY CHO CHECKED TONY HUEN	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS	ALL SITES COUNTIES OF ALAMEDA, CONTRA COSTA & SONOMA DRAWINGS INDEX, ABBREVIATIONS & UNIT OF MEASUREMENT SYMBOLS	VARIOUS LOCATIONS	DATE	JAN 18, 2016
										SCALE	AS NOTED
3	ONE SITE EXCLUDED	11/02/2015								JOB #	2014_D_00060
2	TWO SITES EXCLUDED	10/21/2015								SHEETS	2 OF 32 SHEETS
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015								SHEET #	G-0.2



DESIGN SYMBOLS

	EXISTING PULL BOX
	NEW PULL BOX
	WALL MOUNTED PULL BOX
	CURB WITHOUT GUTTER
	FENCE
	(E) ABOVE GROUND CONDUIT & CONDUCTORS
	(N) ABOVE GROUND CONDUIT & CONDUCTORS
	(E) UNDERGROUND CONDUIT & CONDUCTORS
	(N) UNDERGROUND CONDUIT & CONDUCTORS
	BOLLARD TO PROTECT EQUIPMENTS
	ELECTRIC VEHICLE CHARGERS
	PANEL BOARD OR SWITCHERS
	TRANSFORMERS

WIRING DIAGRAM LEGEND

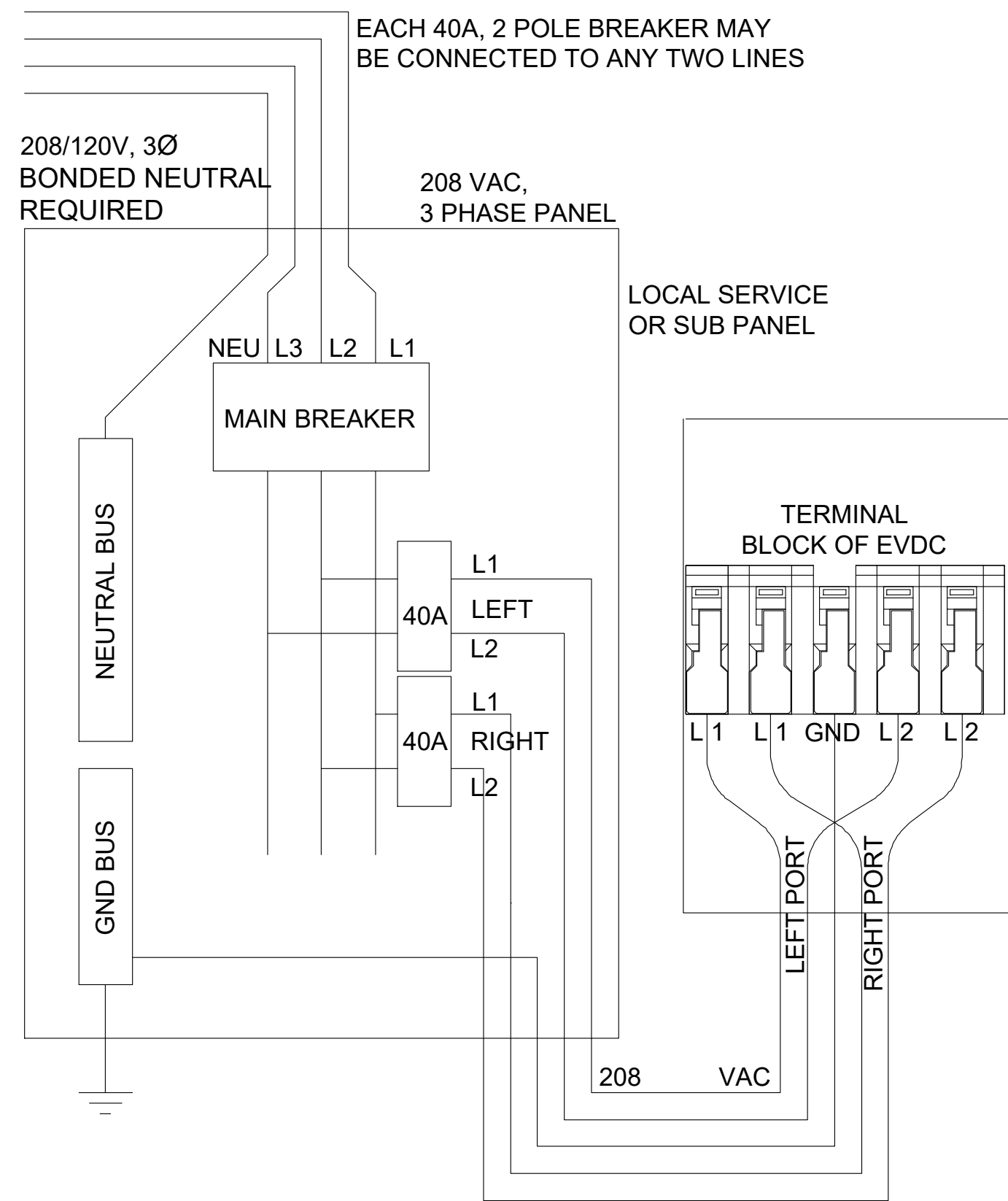
	EXTERNAL CONDUCTOR
	CONDUCTOR OR BUS
	LINE BREAKER
	(E) CIRCUIT BREAKER
	(N) CIRCUIT BREAKER
	DISCONNECT
	EMERGENCY GENERATOR
	FUSE
	ELECTRIC METER
	TRANSFORMER
	GROUND ELECTRODE
	AUTOMATIC TRANSFER SWITCH
	TIE POINT
	ELECTRIC VEHICLE SINGLE CHARGER
	ELECTRIC VEHICLE DUAL CHARGER

GENERAL NOTES

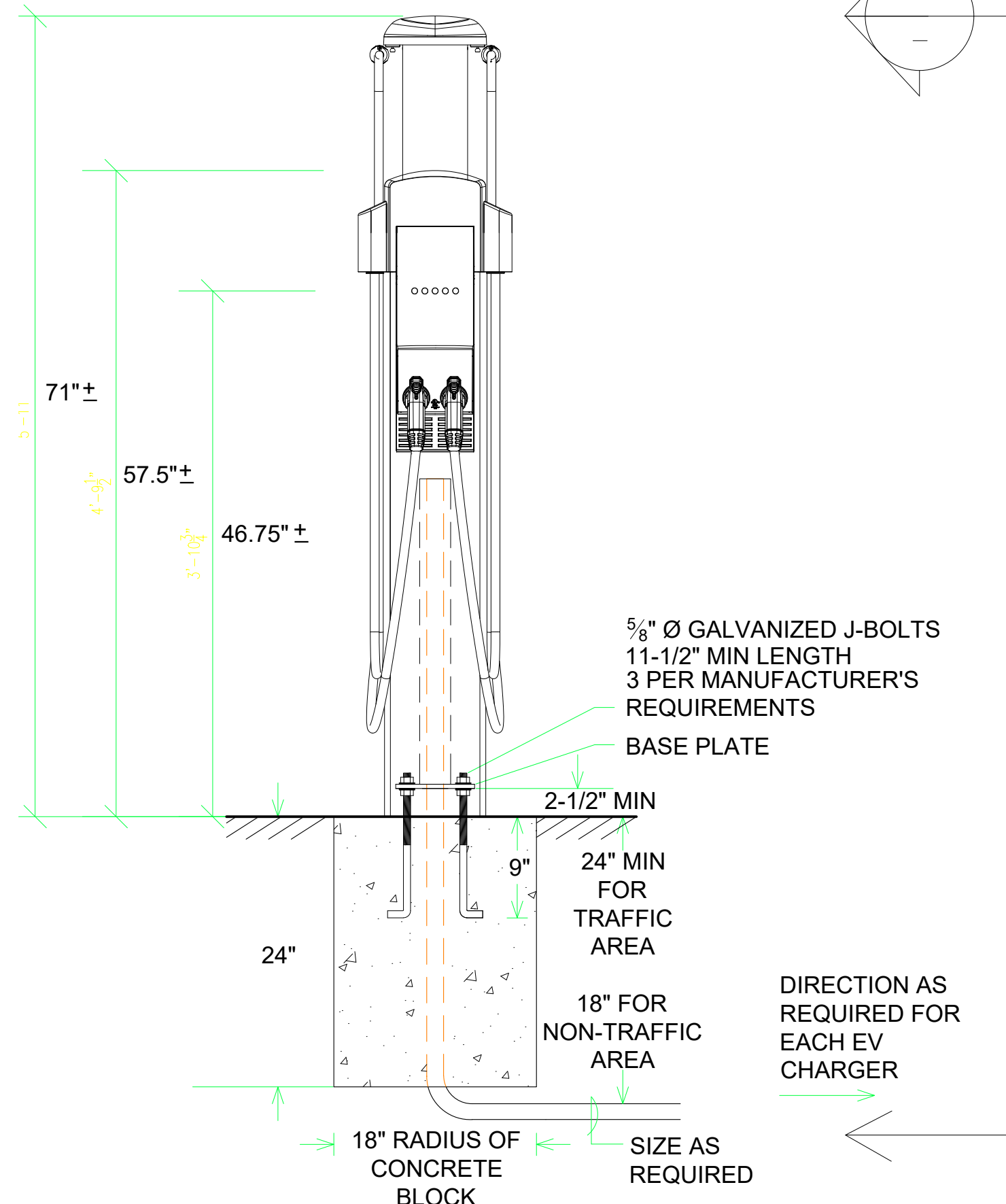
- MATERIALS, EQUIPMENT AND WORK SHOWN ON DRAWINGS SHALL BE PROVIDED BY CONTRACTOR, UON (UNLESS OTHERWISE NOTED.) ONLY NEW MATERIALS AND EQUIPMENT SHALL BE SUPPLIED; NO USED OR SALVAGE MATERIALS OR EQUIPMENT IS ACCEPTABLE.
- ELECTRICAL WORK SHALL COMPLY WITH CEC - CALIFORNIA ELECTRICAL CODE; RELATED WORK SHALL COMPLY WITH CBC - CALIFORNIA BUILDING CODE.
- WORK PERFORMED BY CONTRACTOR SHALL COMPLY WITH THE LATEST VERSION OF STANDARD SPECIFICATIONS AND STANDARD PLANS OF STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION.
- CONTRACTOR SHALL PERFORM WORK MEETING REQUIREMENTS OF THE LOCAL AUTHORITY WHERE THE WORK IS PERFORMED.
- INFORMATION SHOWN ON THIS SET OF DRAWINGS IS BASED ON EXISTING OUTDATED DRAWINGS AND LIMITED FIELD INVESTIGATIONS. PRIOR TO COMMENCING WORK, CONTRACTOR IS REQUIRED TO FIELD VERIFY ACTUAL SIZES, LOCATIONS, AVAILABLE CAPACITIES AND SERVICEABLE CONDITIONS OF EXISTING EQUIPMENT AND MATERIALS, INCLUDING PANELS, SWITCHGEAR, TRANSFORMERS, CIRCUIT BREAKERS, FUSES, DISCONNECTS, CONDUIT RUNS, CONDUCTORS AND OTHER DEVICES. CONTRACTOR SHALL MAKE ADJUSTMENTS AS NECESSARY AND IS REQUIRED TO RESOLVE SPACE PROBLEMS, PRESERVE HEADROOM, AND AVOID ARCHITECTURAL OPENINGS, STRUCTURAL MEMBERS AND WORK OF OTHER TRADES.
- CURRENT LOADINGS OF SOME OF THE PANELS, SWITCHGEAR, TRANSFORMERS, BREAKERS AND SWITCHES ARE ESTIMATED. IF SUCH LOADINGS ARE UNCLEAR OR DEEMED NOT UP TO FULL CAPACITY OF THE NEW AND EXISTING SYSTEM, CONTRACTOR SHALL BE REQUIRED TO PERFORM LOAD STUDY. IF THIS SITUATION OCCURS, CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE FOR FURTHER INSTRUCTIONS.
- ABOVE GROUND CONDUITS SHALL BE EMT WITH COMPRESSION TYPE COUPLINGS AND CONNECTORS.
- UNDERGROUND CONDUITS SHALL BE PVC SCHEDULE 40.
- FOR INSTALLATION OF UNDERGROUND CONDUIT, CONTRACTOR IS REQUIRED TO WORK WITH THE OWNER REPRESENTATIVES TO LOCATE EXISTING UNDERGROUND UTILITIES ON OR ADJACENT TO THE PATH OF NEW CONDUIT. AFTER REMOVAL OF CONCRETE OR AC PAVEMENT, HAND EXCAVATION IS RECOMMENDED TO LOCATE EXISTING UTILITIES.
- UNDERGROUND INSTALLATION SHALL COMPLY WITH CEC ARTICLE 300.5; MINIMUM COVER REQUIREMENT SHALL COMPLY WITH TABLE 300.5. IN GENERAL, MINIMUM COVER REQUIREMENTS SHALL BE
 - 24" FOR UNDER VEHICLE TRAFFIC ROADWAY, DRIVEWAYS AND PARKING LOTS,
 - 12" FOR UNDER CONCRETE PAD OF SIDEWALK AND WALKWAY, AND
 - 18" FOR ALL OTHER LOCATIONS.
- MINIMUM SIZE OF NEW CONDUIT SHALL BE 3/4 INCH, UON. CODE SIZE GROUND WIRES SHALL BE INSTALLED IN POWER CONDUITS AND NEW CIRCUITS.
- NEW CONDUCTORS SHALL BE THHN/THWN COPPER. MINIMUM CONDUCTOR SIZE IN ANY POWER CIRCUIT RUN SHALL BE NO. 12 AWG, UON. CONDUCTORS FOR FEEDING NEW CHARGING STATIONS SHALL BE NO. 8 OR LARGER AND AS NOTED IN THE DRAWINGS. IN THE CASE WHERE SIZING IS UNCLEAR OR IN CONFLICT WITH REQUIREMENTS, CONTRACTOR SHALL APPLY CEC REQUIREMENTS FOR MINIMUM WIRE SIZING.
- CONTRACTOR SHALL LABEL OR RE-LABEL ALL NEW ELECTRICAL EQUIPMENT, WHICH INCLUDES BUT IS NOT LIMITED TO, CIRCUIT BREAKERS, SAFETY SWITCHES, TRANSFORMERS, AND PANELBOARDS, WITH PERMANENT ENGRAVED PLAQUES OR PRODUCT OF EQUAL DURABILITY. THIS INCLUDES UPDATING ALL APPLICABLE PANEL SCHEDULES.
- NEW EQUIPMENT LOCATED OUTSIDE OF THE BUILDING SHALL BE WEATHERPROOF. ENCLOSURES FOR ELECTRIC EQUIPMENT, INCLUDING BUT NOT LIMITED TO, PANELBOARD, SWITCHGEAR, TRANSFORMER, DISCONNECT, AND PULLBOX, SHALL COMPLY WITH CEC ARTICLE 110.28 AND TABLE 110.28. IN GENERAL, NEMA 1 SHALL BE USED INDOOR WHEREAS NEMA 3R AND NEMA 4 SHALL BE USED OUTDOOR AS REQUIRED.
- ALL ELECTRICAL MATERIALS AND EQUIPMENT INSTALLED BY THE CONTRACTOR SHALL BE NEW AND LISTED BY AN ACCEPTED TESTING LABORATORY AND SHALL BEAR THE LABELS IN READILY ACCESSIBLE LOCATIONS.
- CONTRACTOR SHALL ELECTRICALLY BOND ALL ELECTRICAL EQUIPMENT BACK TO THE PANEL EQUIPMENT BONDING LUGS OR GROUND BUS.
- CHARGERS (ELECTRICAL VEHICLE CHARGING STATIONS):
 - FOR EVDC (ELECTRIC VEHICLE DUAL CHARGER) SHALL BE CHARGEPOINT NETWORK CHARGING STATIONS MODEL CT4000 FAMILY OR EQUAL.
 - FOR EDSC (ELECTRIC VEHICLE SINGLE CHARGER) SHALL BE CHARGEPOINT NETWORK CHARGING STATIONS MODEL CT2000 FAMILY OR EQUAL.
- CONTRACTOR SHALL COORDINATE WITH THE OWNER REPRESENTATIVES AND FOLLOW MANUFACTURER SUPPLY PROCEDURES AND RECOMMENDATIONS TO ACTIVATE USER CREDIT CHARGE SYSTEM OF THE CHARGERS FOR THE OWNERS. PRIOR TO FINAL ACCEPTANCE OF THE WORK, CONTRACTOR SHALL PROVIDE OPERATING MANUAL AND DOCUMENTS OF THE CHARGERS TO EACH OWNER AND TRAIN OWNER REPRESENTATIVE OF EACH SITE ON THE OPERATING PROCEDURES.
- OWNER/CONTRACTING OFFICER RETAINS FIRST SALVAGE RIGHTS TO ALL EXISTING EQUIPMENT TO BE REMOVED UNDER THE CONTRACT.
- CONTRACTOR SHALL REMOVE ALL EXCESS MATERIALS, DEBRIS AND REPLACED EQUIPMENT FROM THE SITE AND DISPOSE OF SUCH MATERIALS AND EQUIPMENT IN COMPLIANCE WITH ALL REGULATIONS, LOCAL LAWS AND ORDINANCES.
- CONTRACTOR SHALL INSTALL DISCONNECTING MEANS FOR EV CHARGERS IN ACCORDANCE WITH CEC 625.23. CONTRACTOR SHALL PROVIDE PROPER SUPPORT APPLICABLE FOR EACH LOCATION.
- NEW CIRCUIT BREAKERS SHALL BE RATED WITH MINIMUM INTERRUPTING CAPACITY AT 10,000A OR EQUIVALENT TO THE AIC RATING OF EXISTING CIRCUIT BREAKERS OF THE SAME PANELBOARD FEEDING THE EV CHARGERS WHICHEVER IS GREATER.
- DESIGNATED COLOR MARKINGS AND LEGENDS SHALL BE PROVIDED AT EACH EV PARKING SPACE IN ACCORDANCE WITH CEC ARTICLE 625.
- PRIOR TO THE INSTALLATION OF NEW CIRCUIT BREAKERS AT THE PANELBOARD, THE CONTRACTOR SHALL DETERMINE THE EXISTING LOAD ON EACH PHASE OF THE PANELBOARD AND INSTALL CIRCUIT BREAKERS ON SELECTED PHASES IN ORDER TO BALANCE THE LOAD AS MUCH AS POSSIBLE.
- PRIOR TO STARTING OF INSTALLATION OF EV CHARGING STATIONS, CONTRACTOR MUST SUBMIT TO THE ENGINEERS FOR APPROVAL, DRAWINGS, CATALOG, CUT SHEETS OR DESCRIPTIONS FOR DESIGN, CHANGES, EQUIPMENT AND MATERIALS, WHICH ARE EITHER AT VARIANCE WITH OR NOT SPECIFIED IN THESE PLAN AND SPECIFICATIONS. THE ENGINEER WILL RETURN WITH COMMENTS FOR APPROVAL OR DISAPPROVAL WITHIN 10 WORKING DATES AFTER RECEIVING SUCH SUBMITTALS.

NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN ALEXIS HUI DESIGNED WILLIAM DOCKERY/TONY CHO CHECKED TONY HUEN	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS	ALL SITES COUNTIES OF ALAMEDA, CONTRA COSTA & SONOMA DESIGN SYMBOLS, WIRING DIAGRAMS LEGEND & GENERAL NOTES	VARIOUS LOCATIONS	DATE	JAN 18, 2016
										SCALE	AS NOTED
										JOB #	2014_D_00060
										SHEETS	3 OF 32 SHEETS
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015								SHEET #	G-0.3

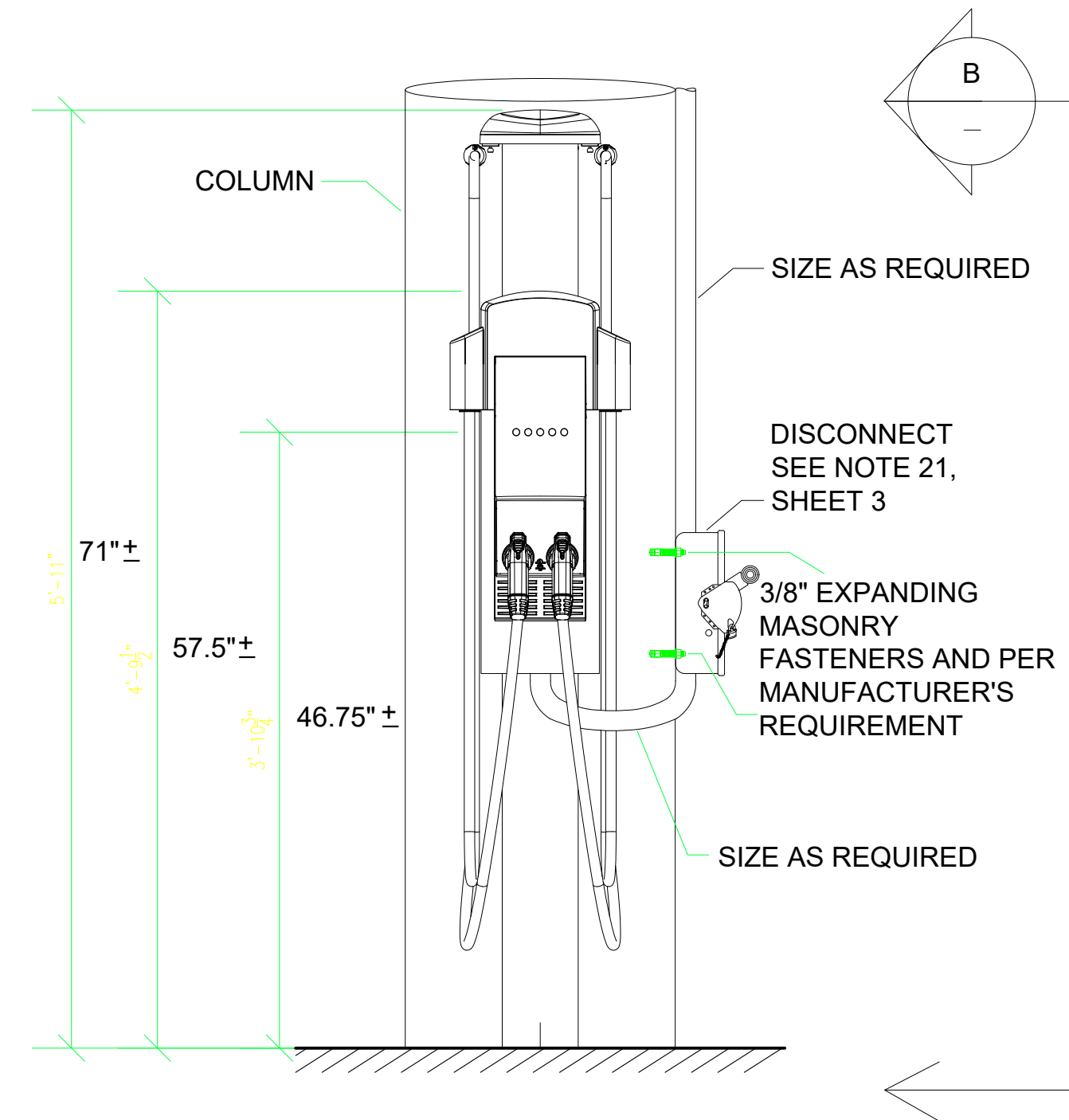




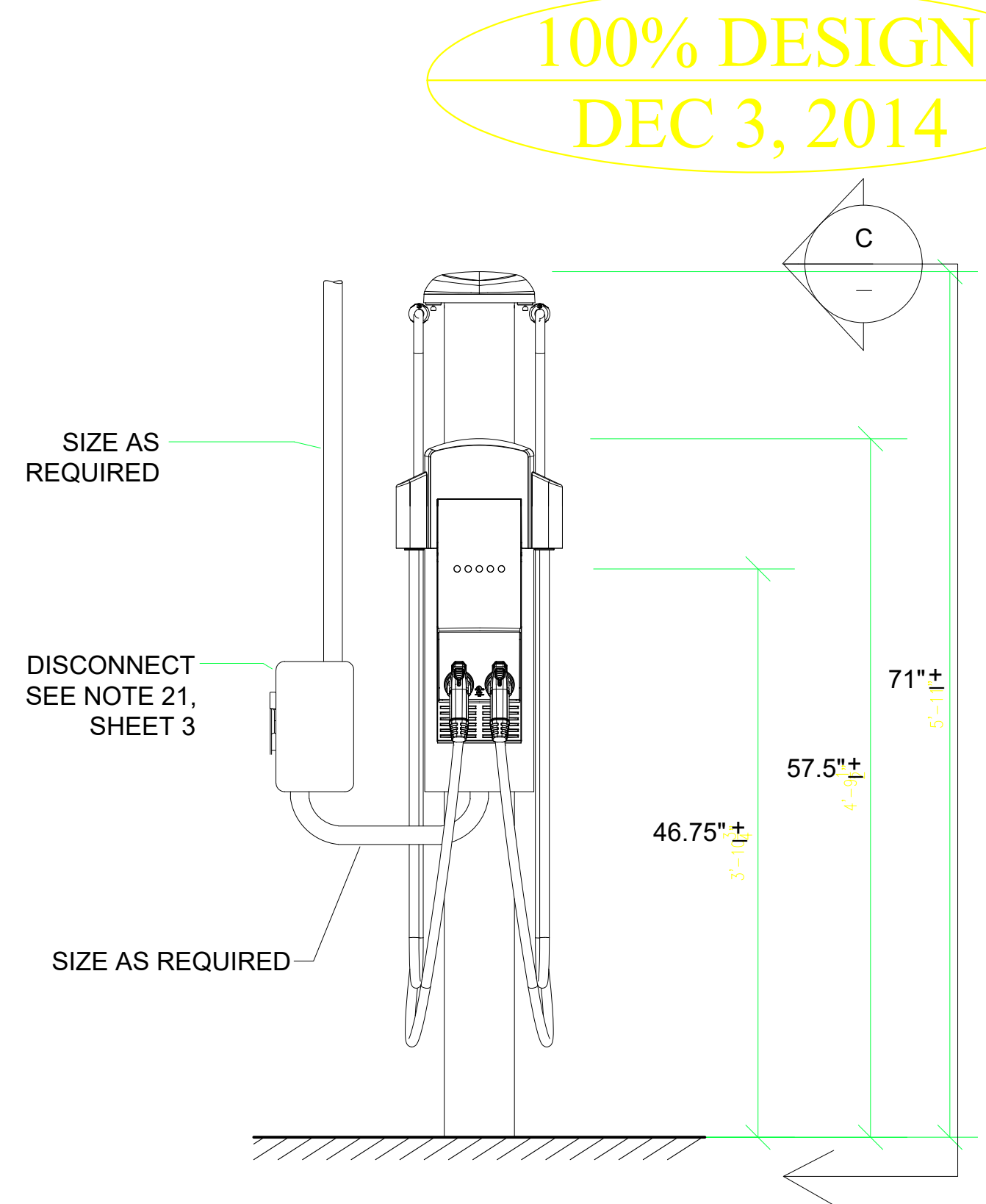
ELECTRIC VEHICLE DUAL CHARGER WIRING DIAGRAM NTS



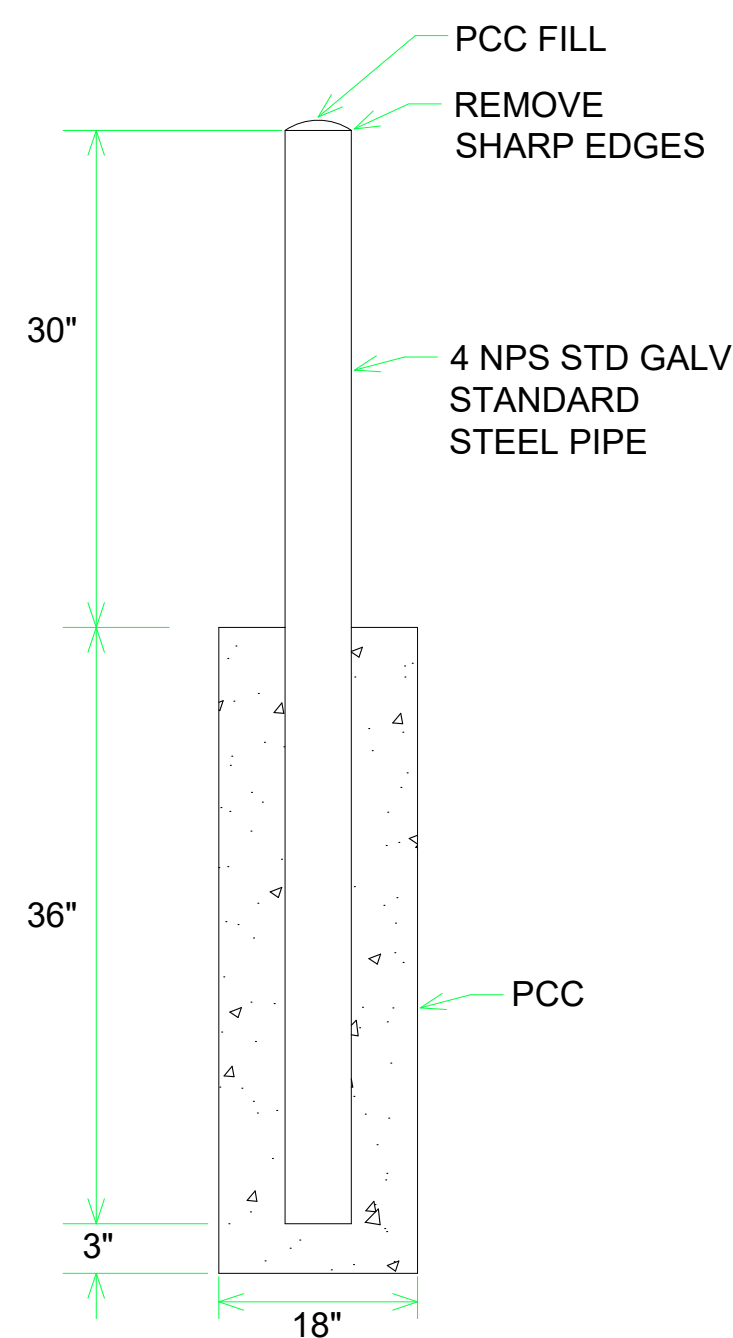
1 TYP. BOLLARD MOUNTED ELECTRIC VEHICLE DUAL CHARGER (EVDC) NTS



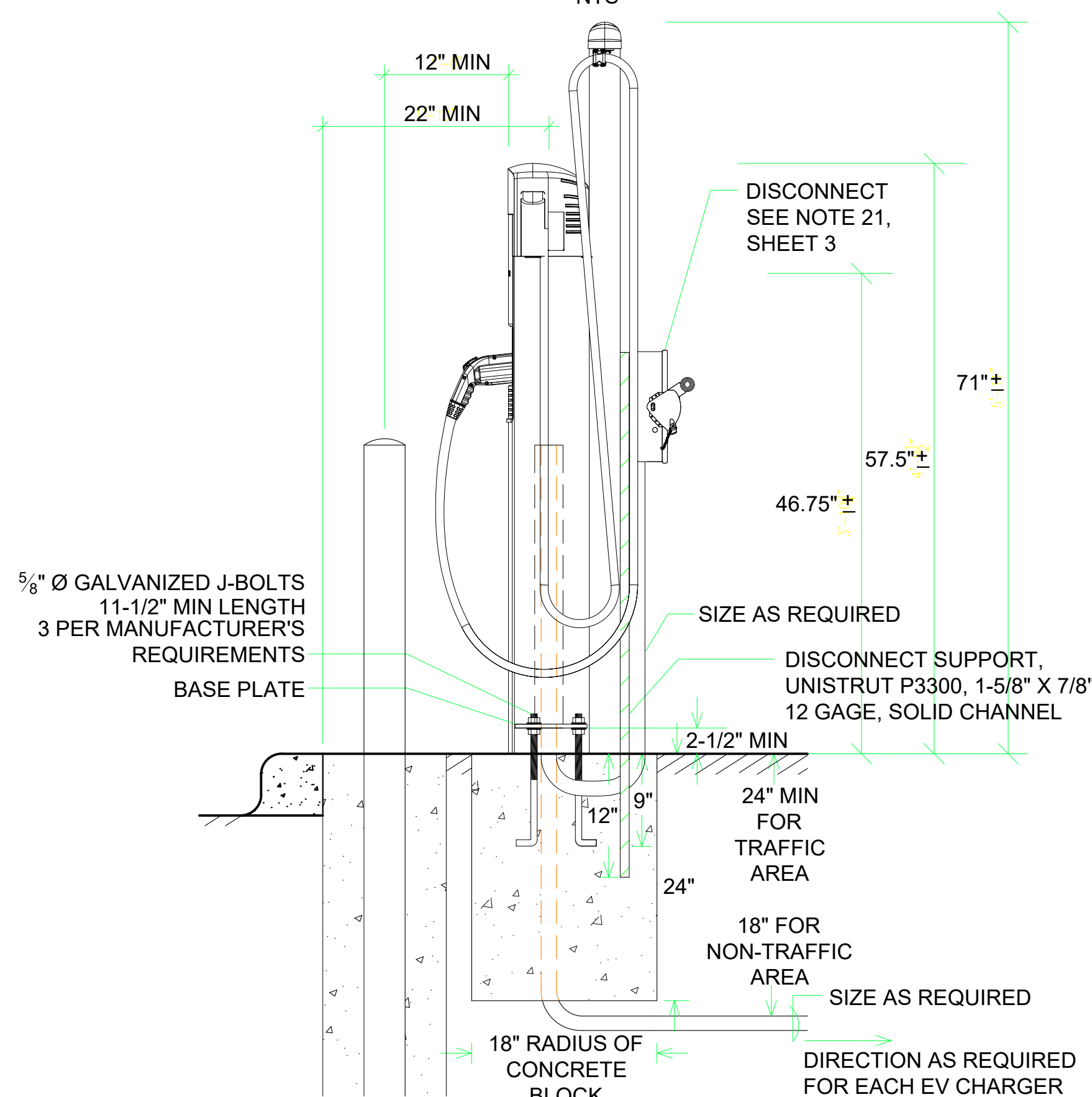
2 TYP. COLUMN MOUNTED ELECTRIC VEHICLE DUAL CHARGER (EVDC) NTS



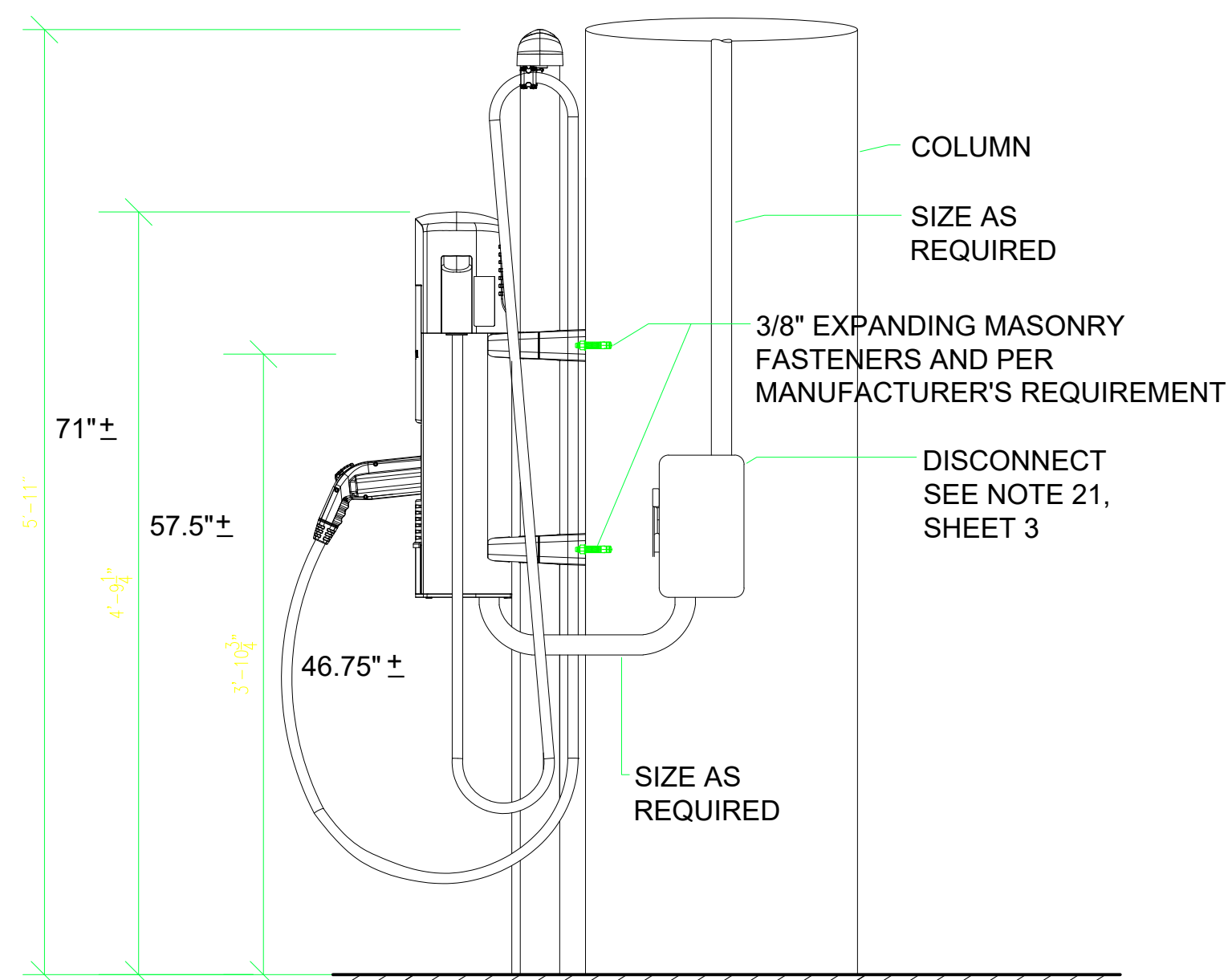
3 TYP. WALL MOUNTED ELECTRIC VEHICLE DUAL CHARGER (EVDC) NTS



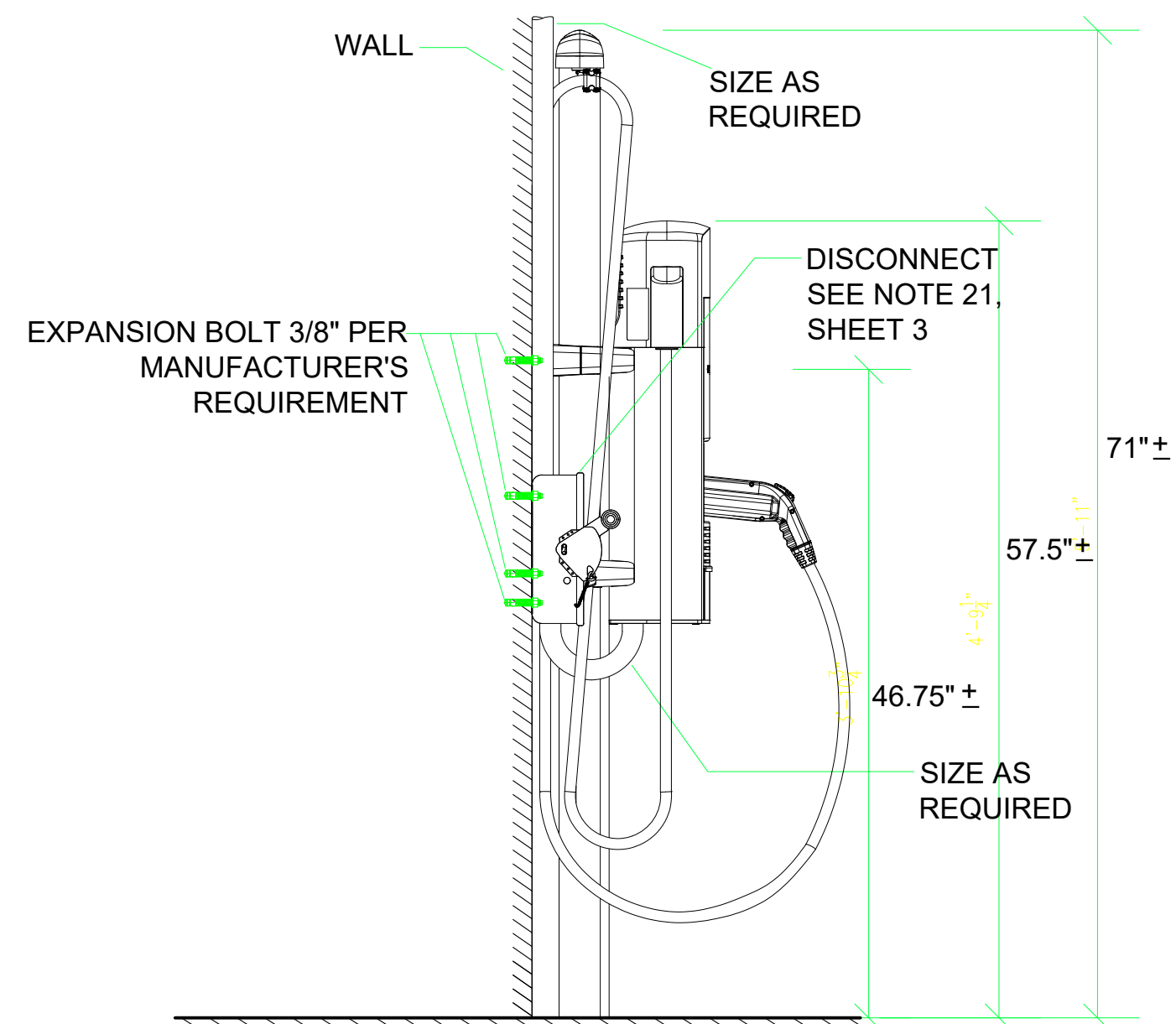
4 BOLLARD NTS



A SIDE VIEW, BOLLARD MOUNTED DUAL CHARGER NTS



B SIDE VIEW, COLUMN MOUNTED DUAL CHARGER NTS



C SIDE VIEW, WALL MOUNTED DUAL CHARGER NTS

NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN	ALEXIS HUI
					DESIGNED	WILLIAM DOCKERY/TONY CHO
					CHECKED	TONY HUEN
2	REVISION ON EV CHARGER LAYOUT	10/21/2015				
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015				

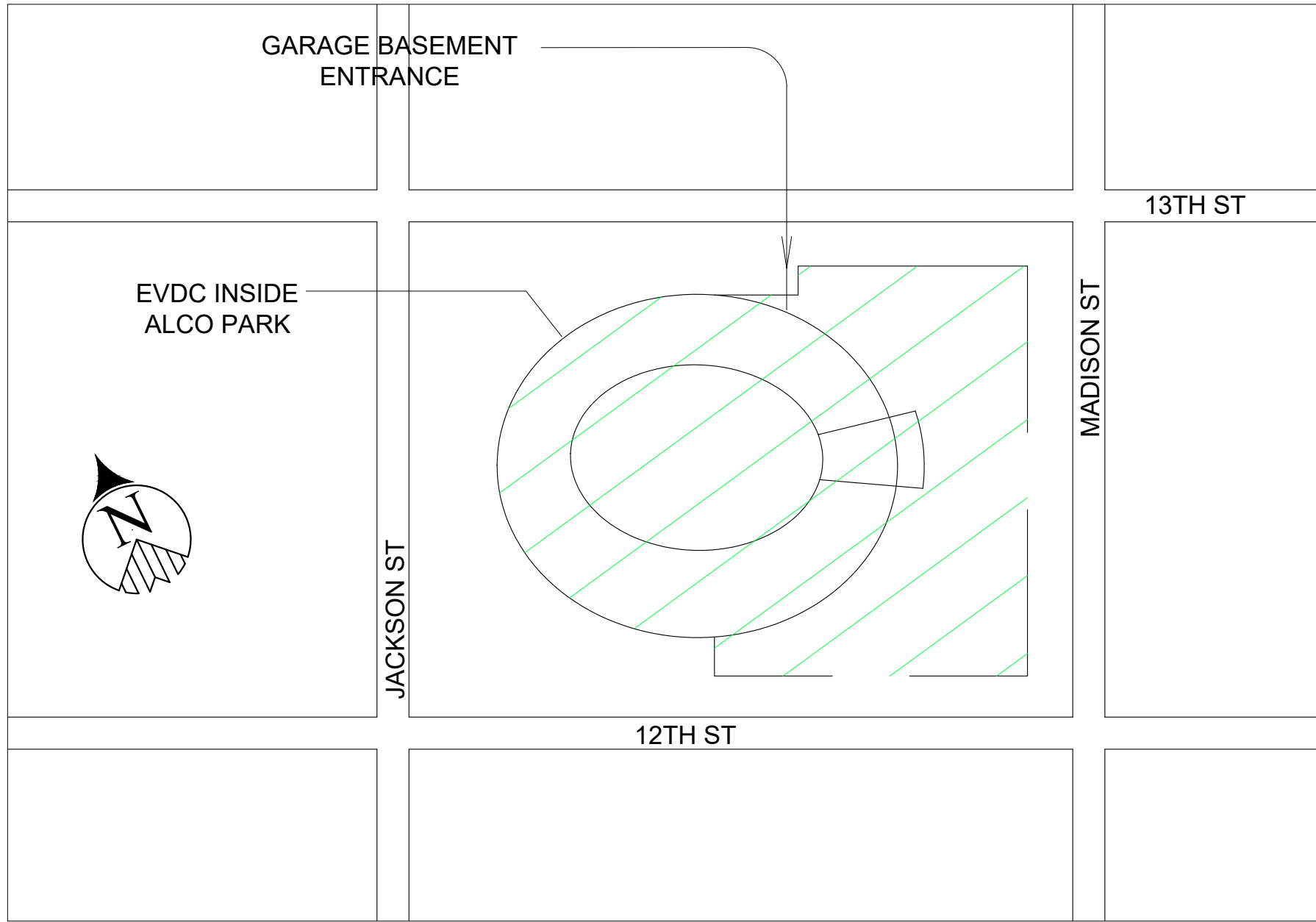
GLOBAL ENGINEERING ENTERPRISE
2410 ARMSTRONG STREET
LIVERMORE, CA 94551
(925) 398 8418

COUNTY OF ALAMEDA
GENERAL SERVICES AGENCY
INSTALLATION OF ELECTRIC VEHICLE
CHARGING STATIONS AT VARIOUS LOCATIONS

ALL SITES	VARIOUS LOCATIONS	DATE	JAN 18, 2016
	COUNTIES OF ALAMEDA, CONTRA COSTA & SONOMA	SCALE	AS NOTED
	CHARGER WIRING, BOLLARD & CHARGER MOUNTING DIAGRAMS	JOB #	2014_D_00060
		SHEETS	4 OF 32 SHEETS
		SHEET #	G-1

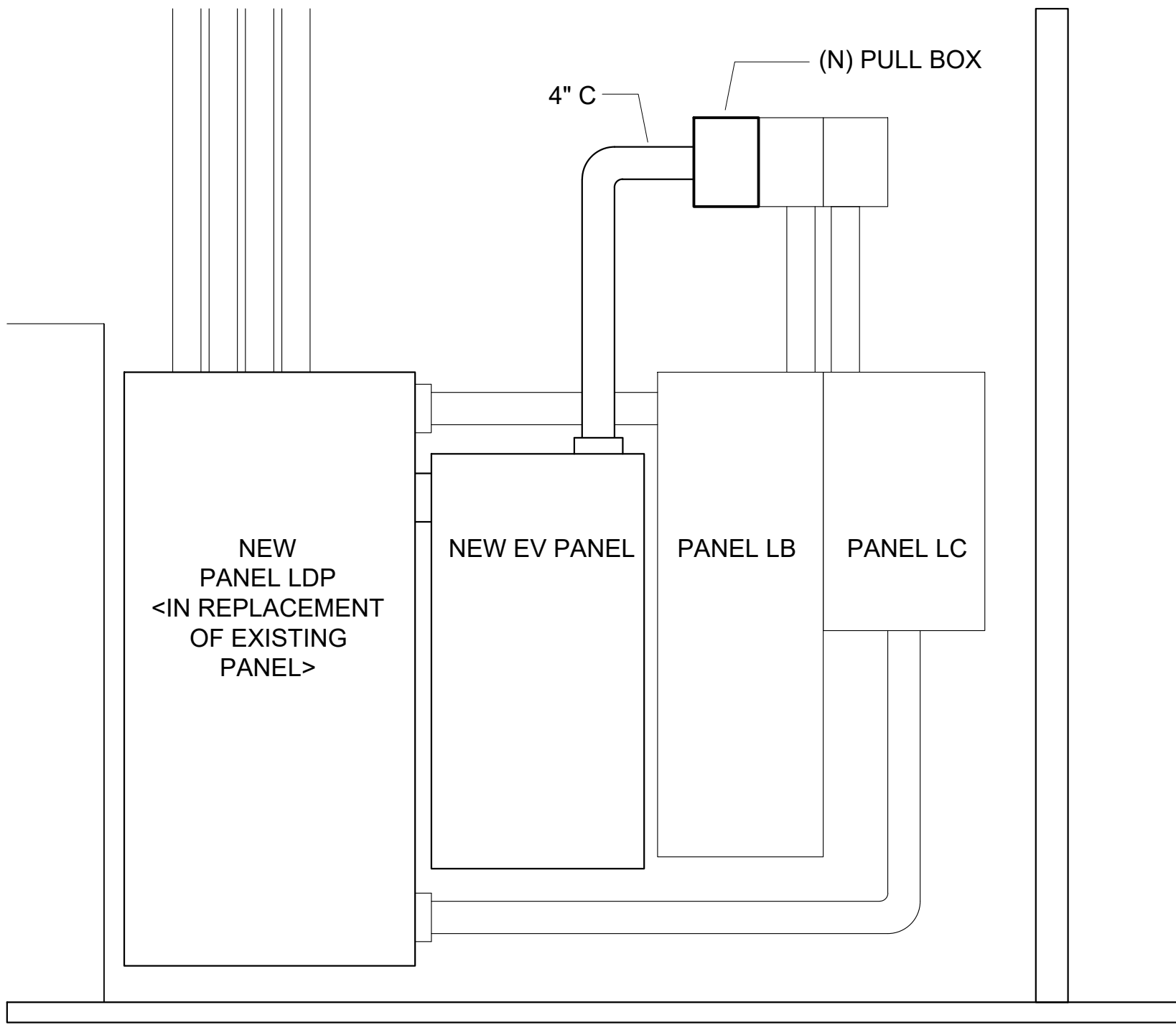


AC-EVCS PROJECTS.DWG

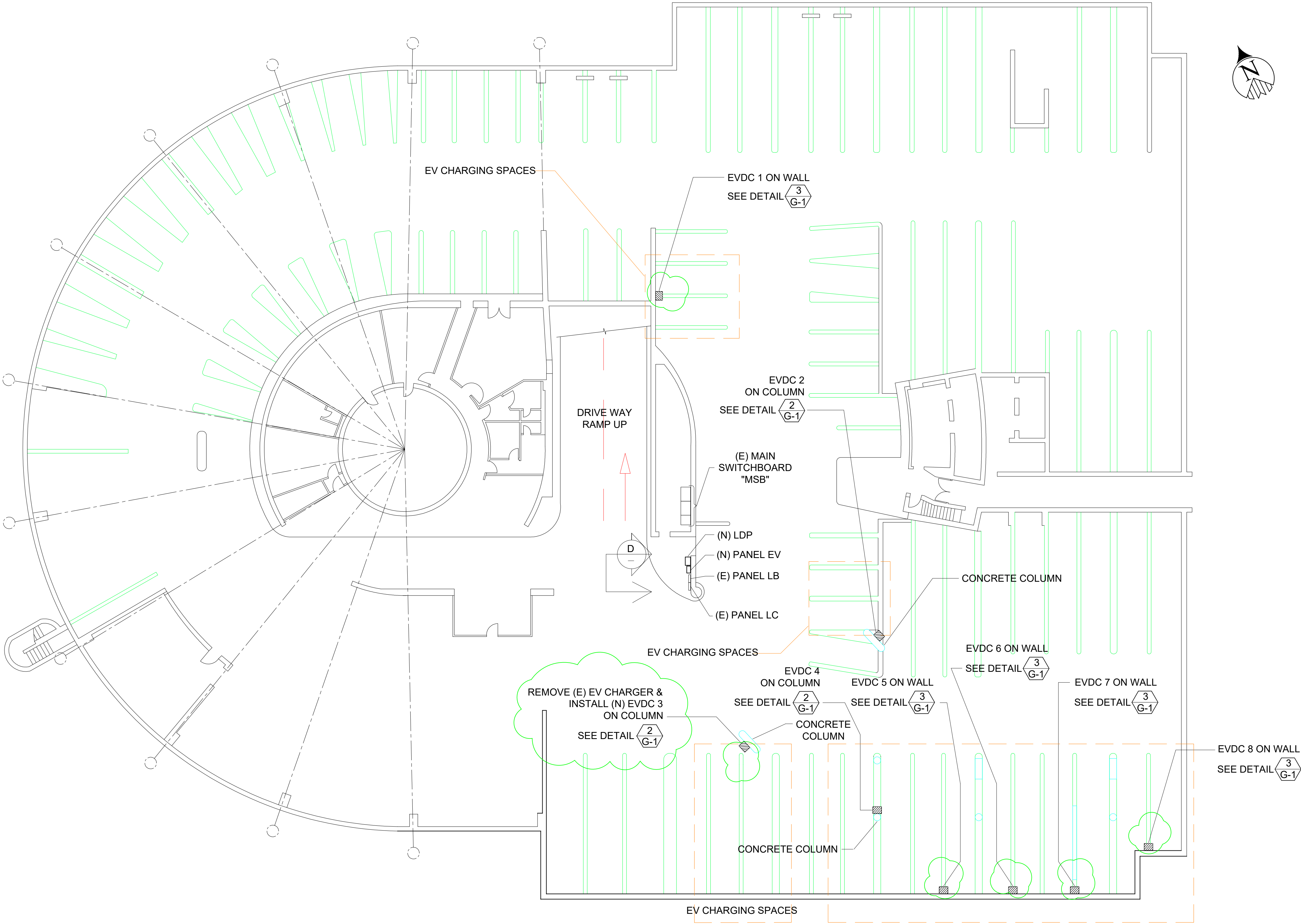


VICINITY MAP
NTS

SHEET NOTES :
(1) SEE GENERAL NOTES ON SHEET G-0.3 FOR INSTALLATION REQUIREMENTS.
(2) CONDUIT RUNS AND CONDUCTORS FEEDING EVDC SHALL BE INSTALLED ON CEILING.

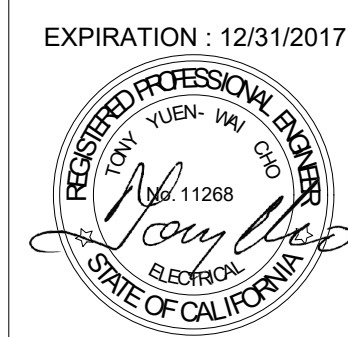


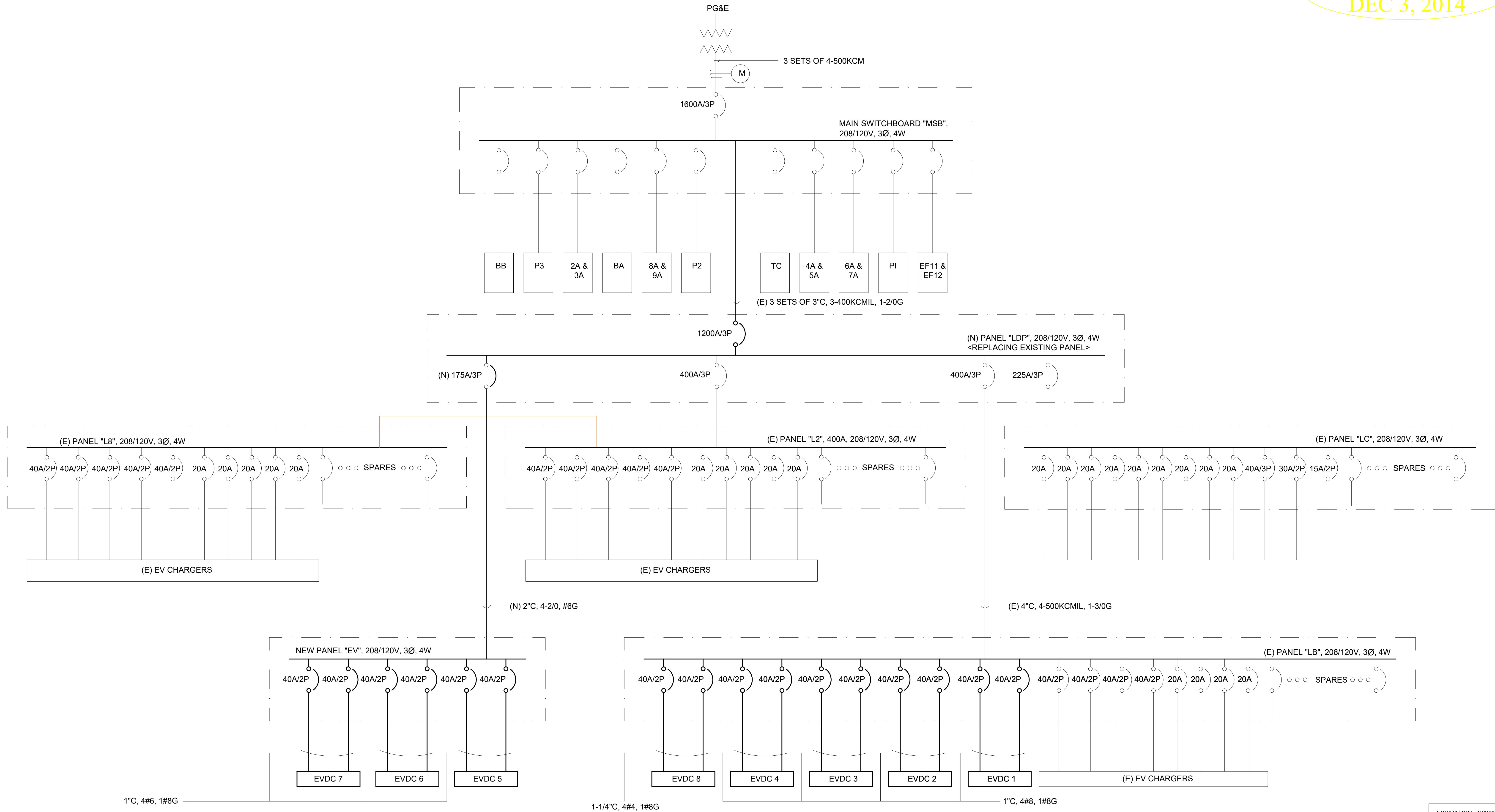
D PANEL LAYOUT
NTS



LOCATION OF NEW EV CHARGERS IN BASEMENT OF ALCO PARK
NTS

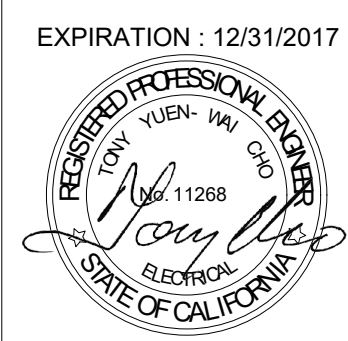
NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN	DESIGNED	CHECKED	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS	SITE A-1 ALCO PARK PARKING GARAGE 165 13TH ST., OAKLAND, CA 94612 LOCATION OF EV CHARGERS	COUNTY OF ALAMEDA	DATE	JAN 18, 2016
					ALEXIS HUI	WILLIAM DOCKERY/TONY CHO	TONY HUEN					SCALE	AS NOTED
3	TO REMOVE ALL BOLLARD	01/18/2016										JOB #	2014_D_00060
2	TO REMOVE (E) EV CHARGER	01/06/2016										SHEETS	5 OF 32 SHEETS
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015										SHT	A-1.1

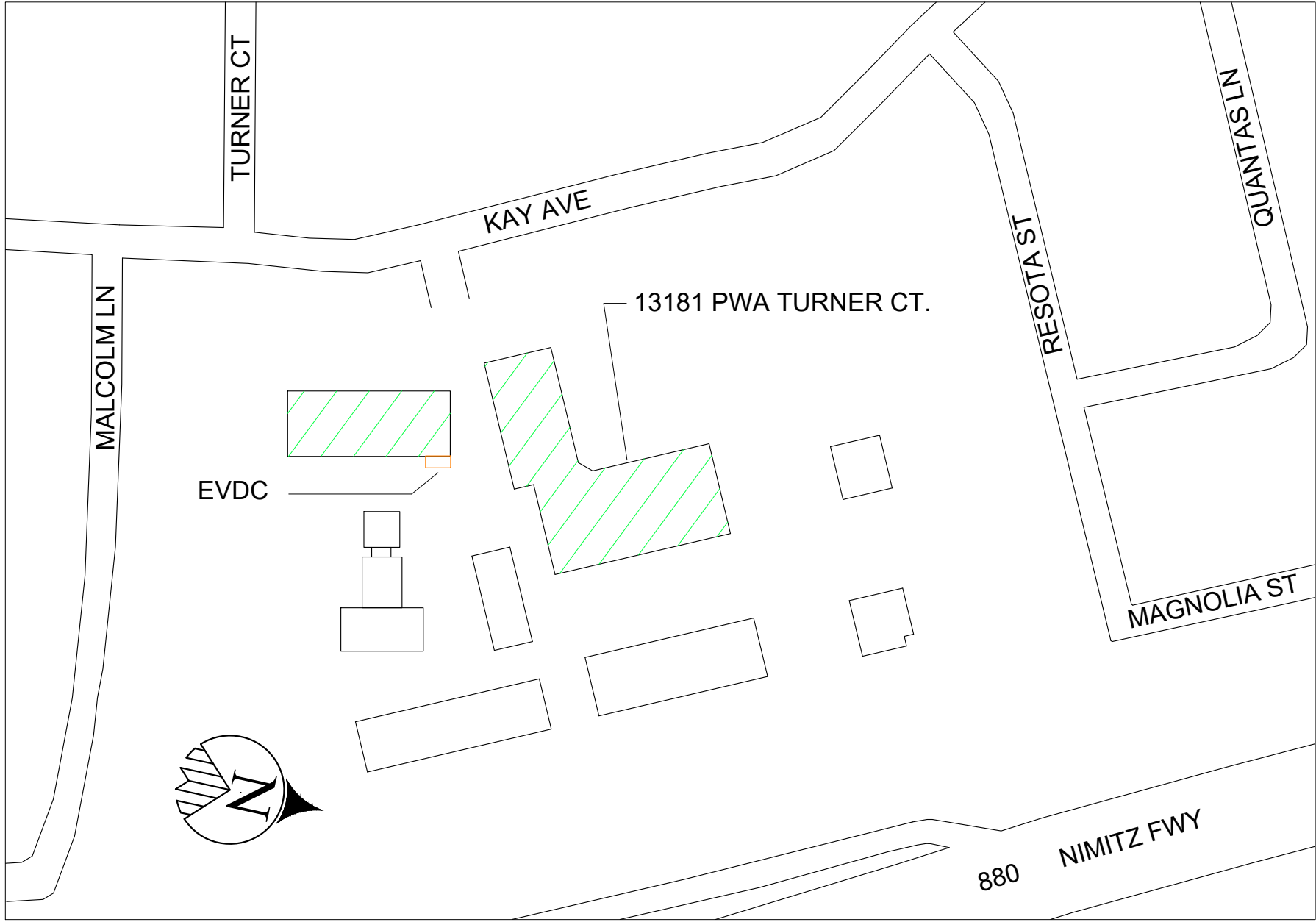




ONE LINE DIAGRAM
NTS

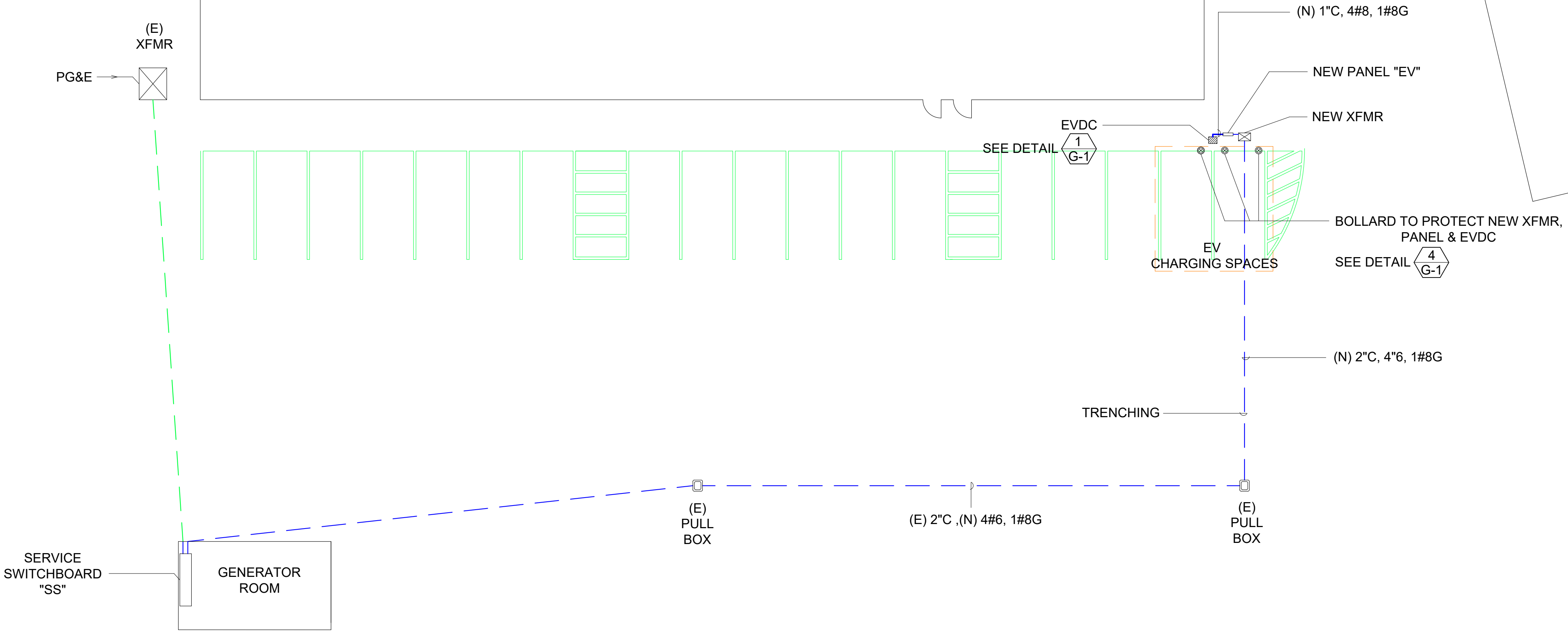
NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN	DESIGNED	CHECKED	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS	SITE A-1 ALCO PARK PARKING GARAGE 165 13TH ST., OAKLAND, CA 94612 ONE LINE DIAGRAM	DATE	SCALE	JOB #	SHEETS	SHT	A-1.2
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015			ALEXIS HUI	WILLIAM DOCKERY/TONY CHO	TONY HUEN				JAN 18, 2016	AS NOTED	2014_D_00060	6	OF 32	SHEETS





VICINITY MAP
NTS

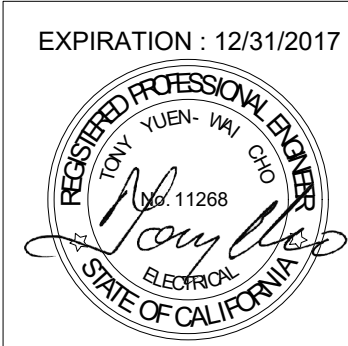
SHEET NOTES :
(1) SEE GENERAL NOTES ON SHEET G-0.3 FOR INSTALLATION REQUIREMENTS.

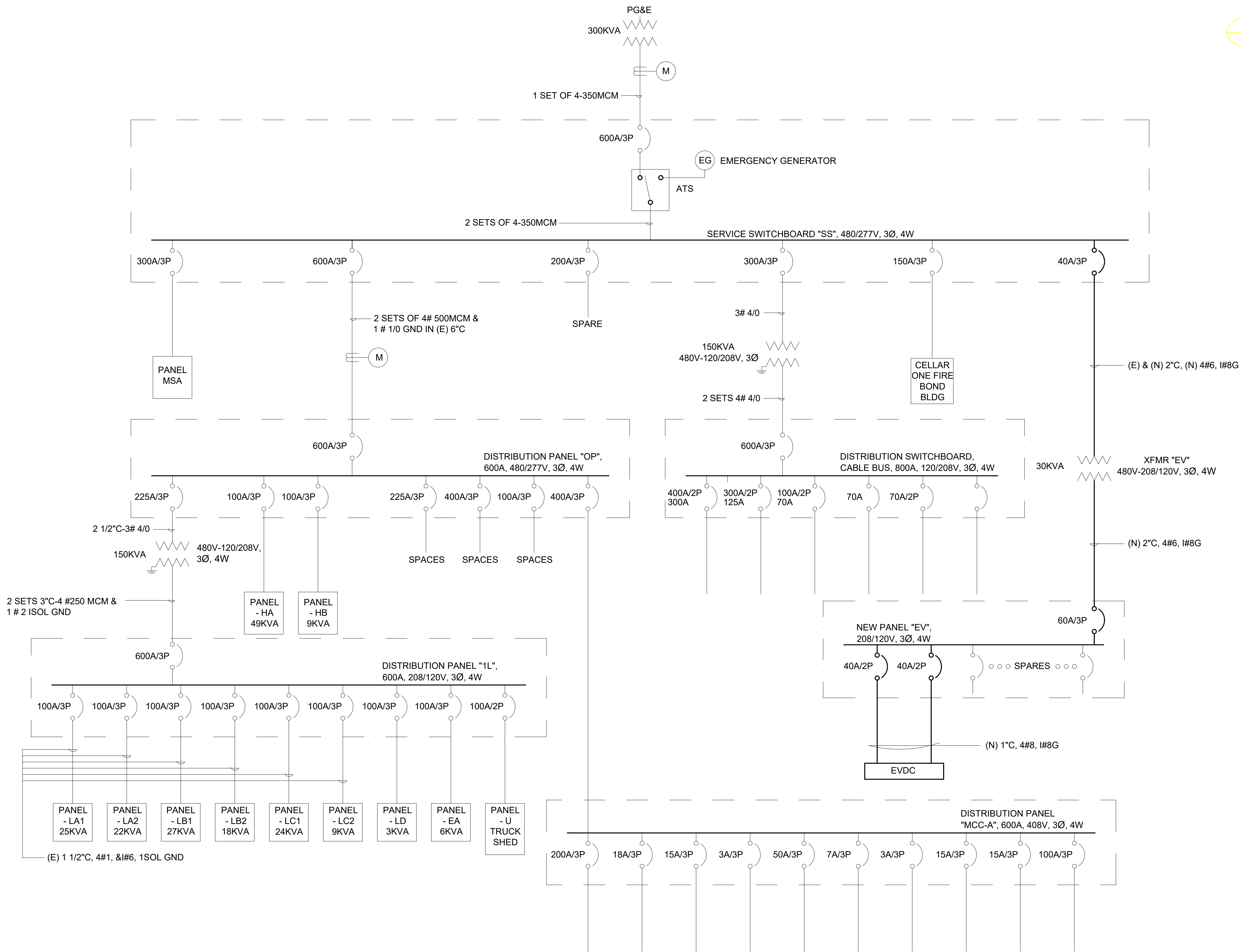


LOCATION OF EV CHARGERS
NTS

100% DESIGN
DEC 3, 2014

NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN	DESIGNED	CHECKED	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS	SITE A-2 COUNTY OF ALAMEDA DEPARTMENT OF PUBLIC WORKS 951 TURNER COURT, HAYWARD, CA 94545 LOCATION OF EV CHARGERS	DATE	JAN 18, 2016
											SCALE	AS NOTED
					ALEXIS HUI	WILLIAM DOCKERY/TONY CHO	TONY HUEN				JOB #	2014_D_00060
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015									SHEETS	7 OF 32 SHEETS
											SHT	A-2.1

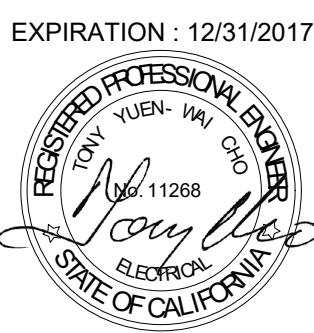


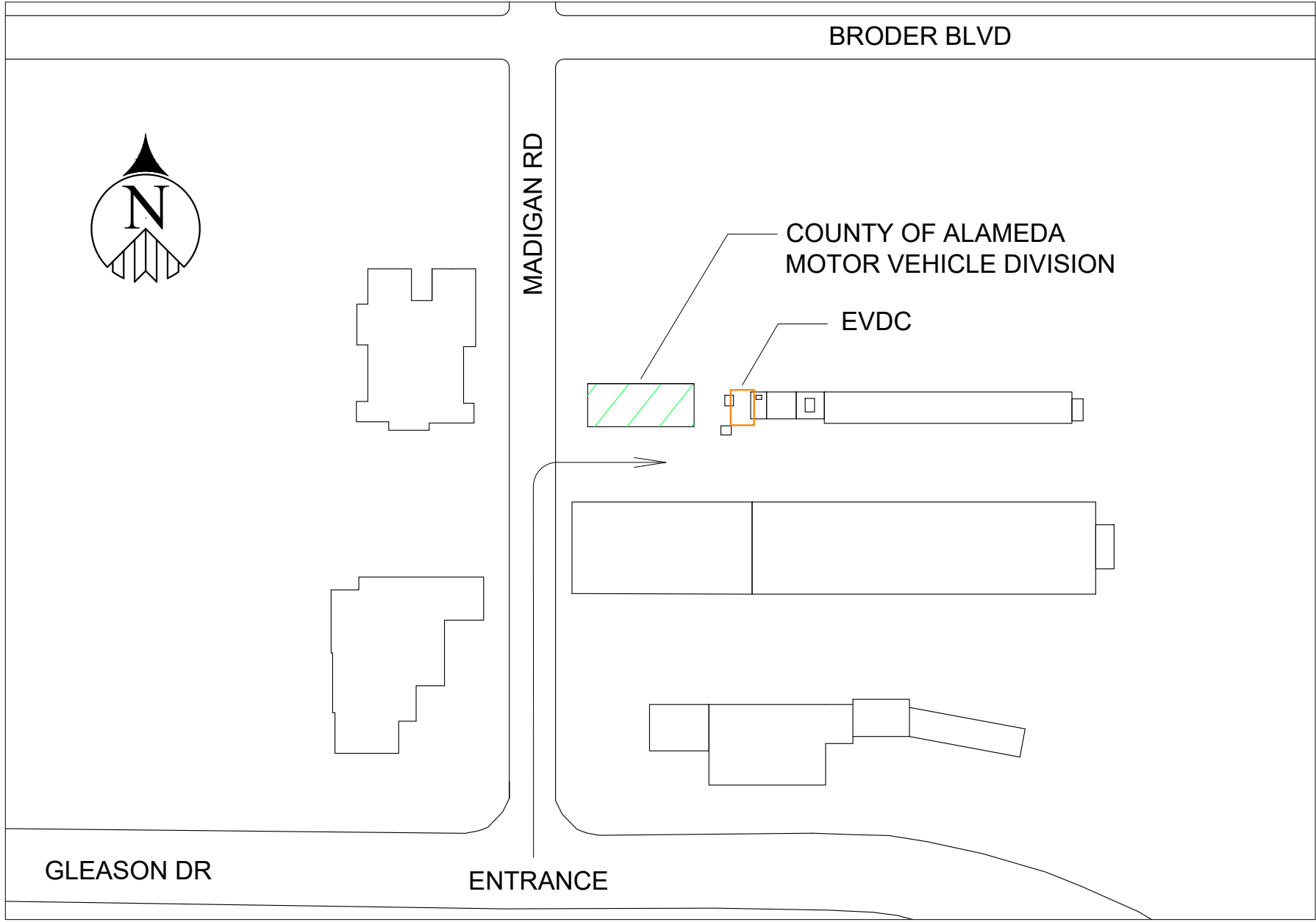


ONE LINE DIAGRAM

NTS

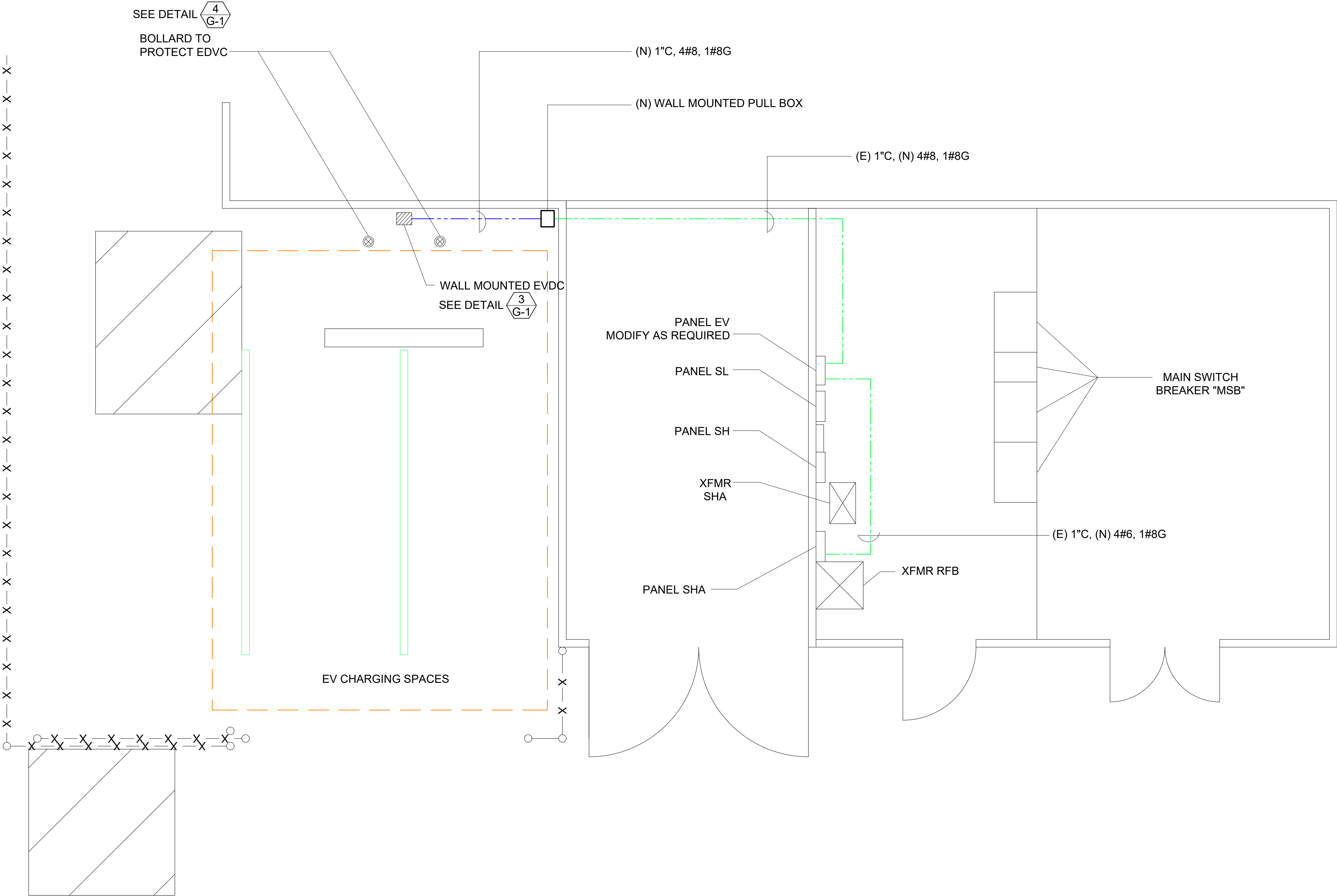
NO.		REVISIONS		DATE	REV'D	APP'D	DRAWN ALEXIS HUI DESIGNED WILLIAM DOCKERY/TONY CHO CHECKED TONY HUEN	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS	SITE A-2		COUNTY OF ALAMEDA		DATE	JAN 18, 2016
										SCALE	AS NOTED				
										JOB #	2014_D_00060				
										SHEETS	8	OF	32	SHEETS	
1		TITLE NAME CHANGED TO "VARIOUS LOCATIONS"		10/21/2015						SHT	A-2.2				





VICINITY MAP
NTS

- SHEET NOTES :
- (1) SEE GENERAL NOTES ON SHEET G-0.3 FOR INSTALLATION REQUIREMENTS.
 - (2) MODIFY EXISTING PANEL EV AS REQUIRED TO PROVIDE CIRCUIT BREAKER FOR FEEDING EVDC PER CEC & LOCAL AUTHORITY REQUIREMENTS. CONTRACTOR MAY SELECT THE OPTION TO REPLACE EXISTING PANEL BOARD WITH NEW ONE COMPLYING WITH SUCH REQUIREMENTS.



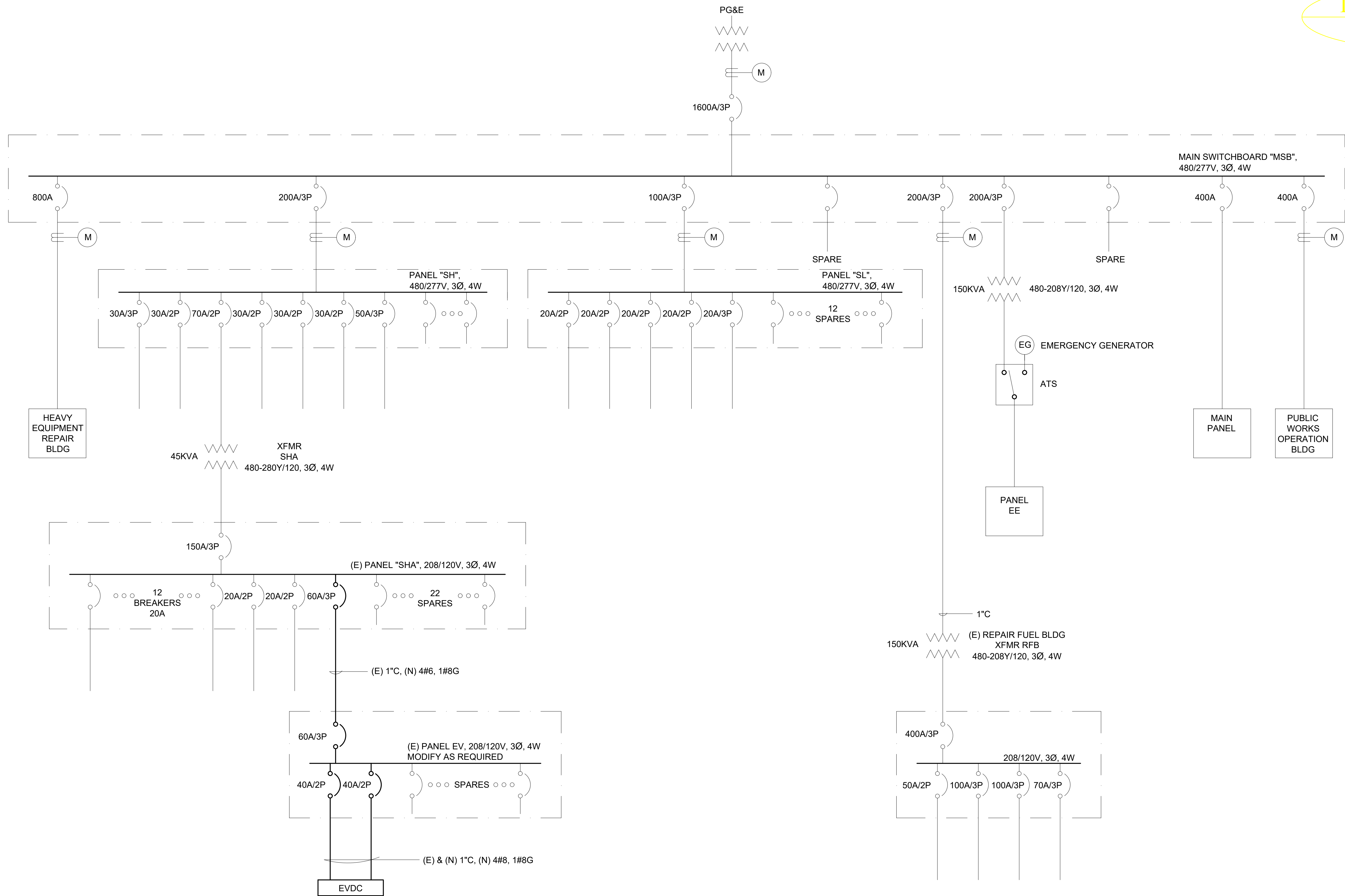
LOCATION OF EV CHARGERS
NTS

NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN	DESIGNED	CHECKED	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS	SITE A-3 COUNTY OF ALAMEDA SANTA RITA COUNTY JAIL, 6175 MADIGAN ROAD., DUBLIN, CA 94568 LOCATION OF EV CHARGERS	DATE	SCALE	JOB #	SHEETS	SHT
											JAN 18, 2016	AS NOTED	2014_D_00060	9 OF 32 SHEETS	A-3.1
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015			ALEXIS HUI	WILLIAM DOCKERY/TONY CHO	TONY HUEN								

100% DESIGN
DEC 3, 2014



100% DESIGN
DEC 3, 2014



ONE LINE DIAGRAM
NTS

NO.	REVISIONS	DATE	REV'D	APP'D
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015		

DRAWN	ALEXIS HUI
DESIGNED	WILLIAM DOCKERY/TONY CHO
CHECKED	TONY HUEN

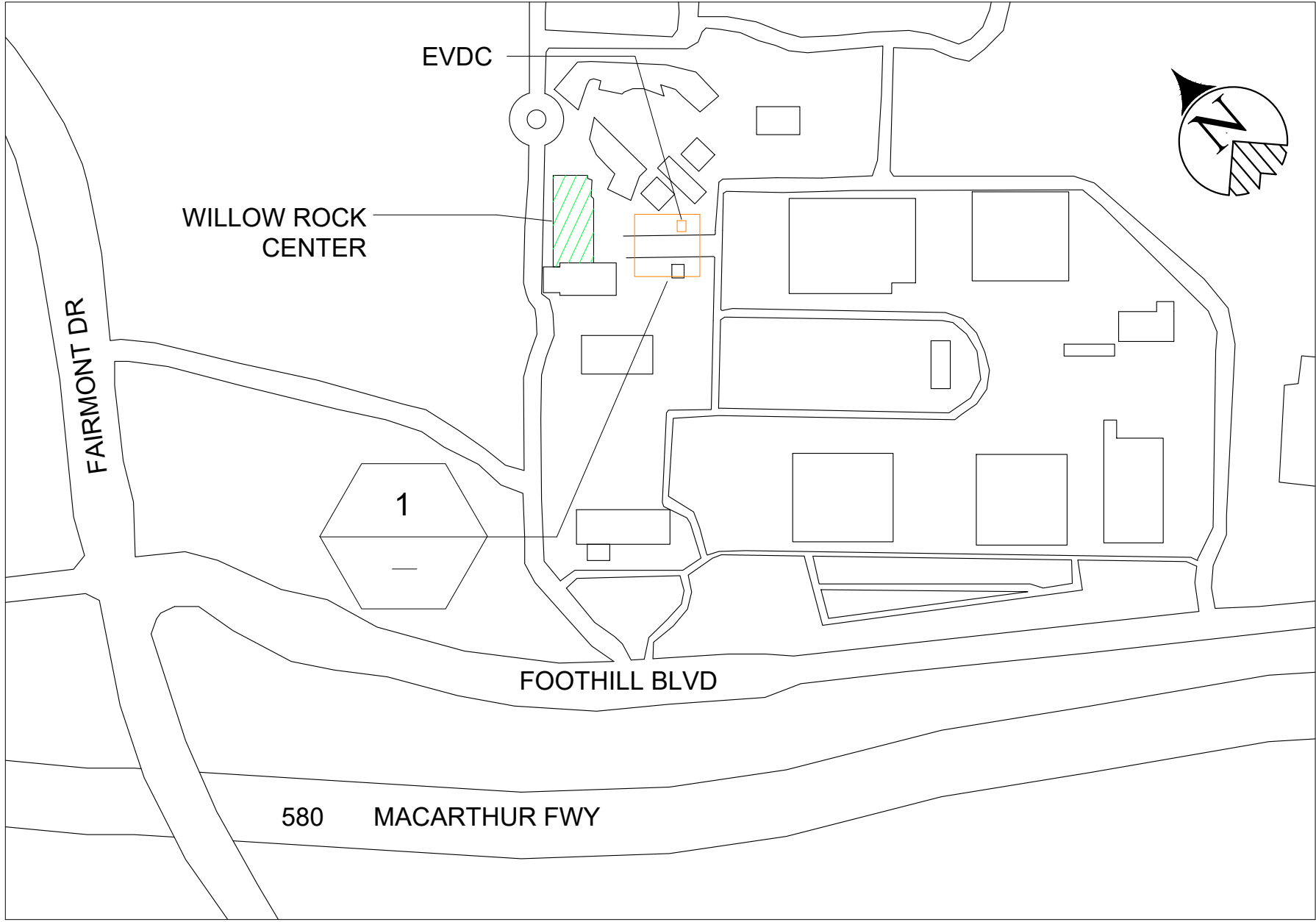
GLOBAL ENGINEERING ENTERPRISE
2410 ARMSTRONG STREET
LIVERMORE, CA 94551
(925) 398 8418

COUNTY OF ALAMEDA
GENERAL SERVICES AGENCY
INSTALLATION OF ELECTRIC VEHICLE
CHARGING STATIONS AT VARIOUS LOCATIONS

SITE A-3
COUNTY OF ALAMEDA
SANTA RITA COUNTY JAIL,
6175 MADIGAN ROAD., DUBLIN, CA 94568
ONE LINE DIAGRAM

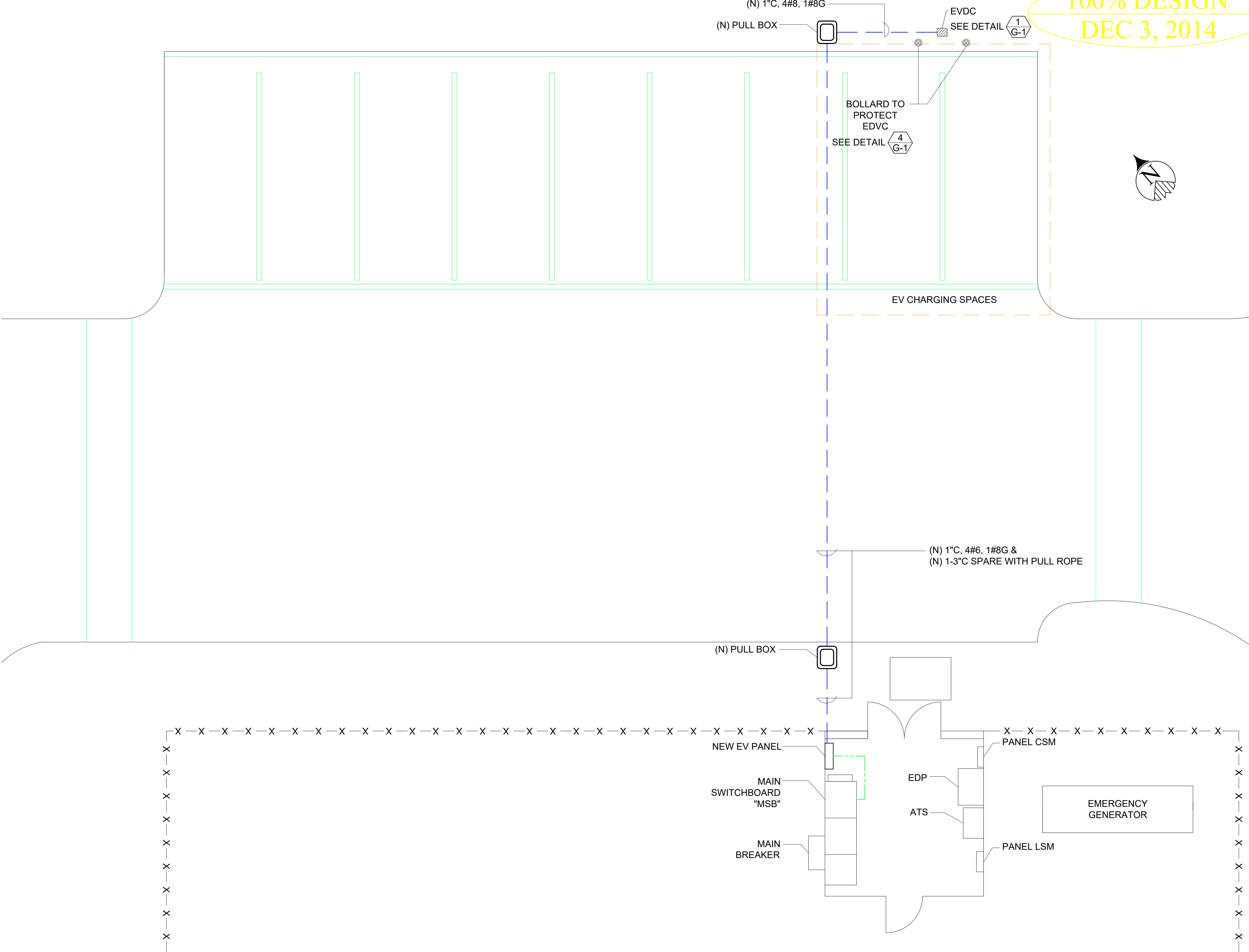
DATE	JAN 18, 2016
SCALE	AS NOTED
JOB #	2014_D_00060
SHEETS	10 OF 32 SHEETS
SHT	A-3.2





VICINITY MAP
NTS

SHEET NOTES :
(1) SEE GENERAL NOTES ON SHEET G-0.3 FOR INSTALLATION REQUIREMENTS.



1 LOCATION OF EV CHARGERS
NTS

NO.	REVISIONS	DATE	REVD	APP'D
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015		

DRAWN	ALEXIS HUI
DESIGNED	WILLIAM DOCKERY/TONY CHO
CHECKED	TONY HUEN

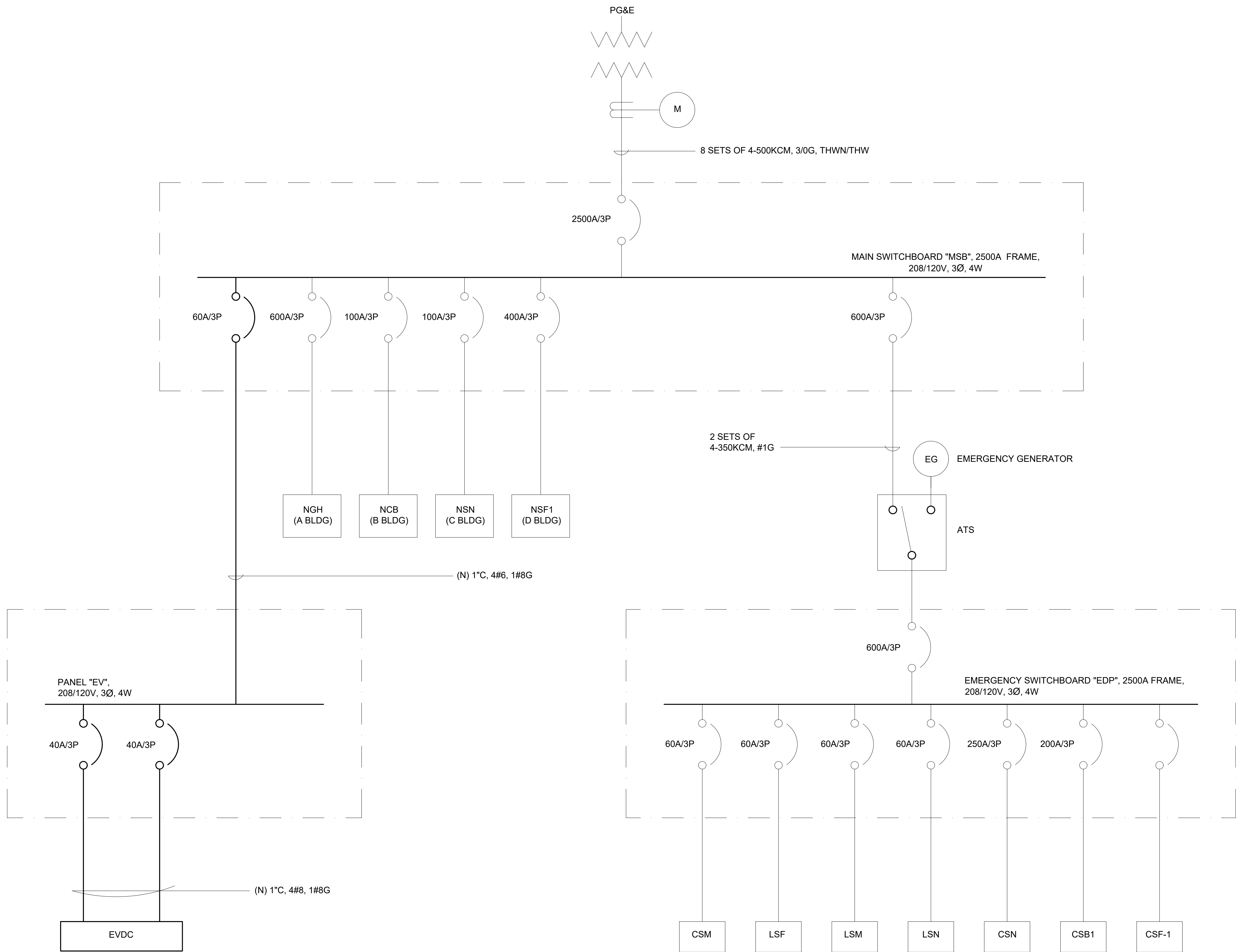
GLOBAL ENGINEERING ENTERPRISE
2410 ARMSTRONG STREET
LIVERMORE, CA 94551
(925) 398 8418

COUNTY OF ALAMEDA
GENERAL SERVICES AGENCY
INSTALLATION OF ELECTRIC VEHICLE
CHARGING STATIONS AT VARIOUS LOCATIONS

SITE A-4	COUNTY OF ALAMEDA	DATE	JAN 18, 2016
WILLOW ROCK CENTER 15400 FOOTHILL BLVD., SAN LEANDRO, CA 94578	LOCATION OF EV CHARGERS	SCALE	AS NOTED
		JOB #	2014_D_00060
		SHEETS	11 OF 32 SHEETS
		SHT	A-4.1



100% DESIGN
DEC 3, 2014

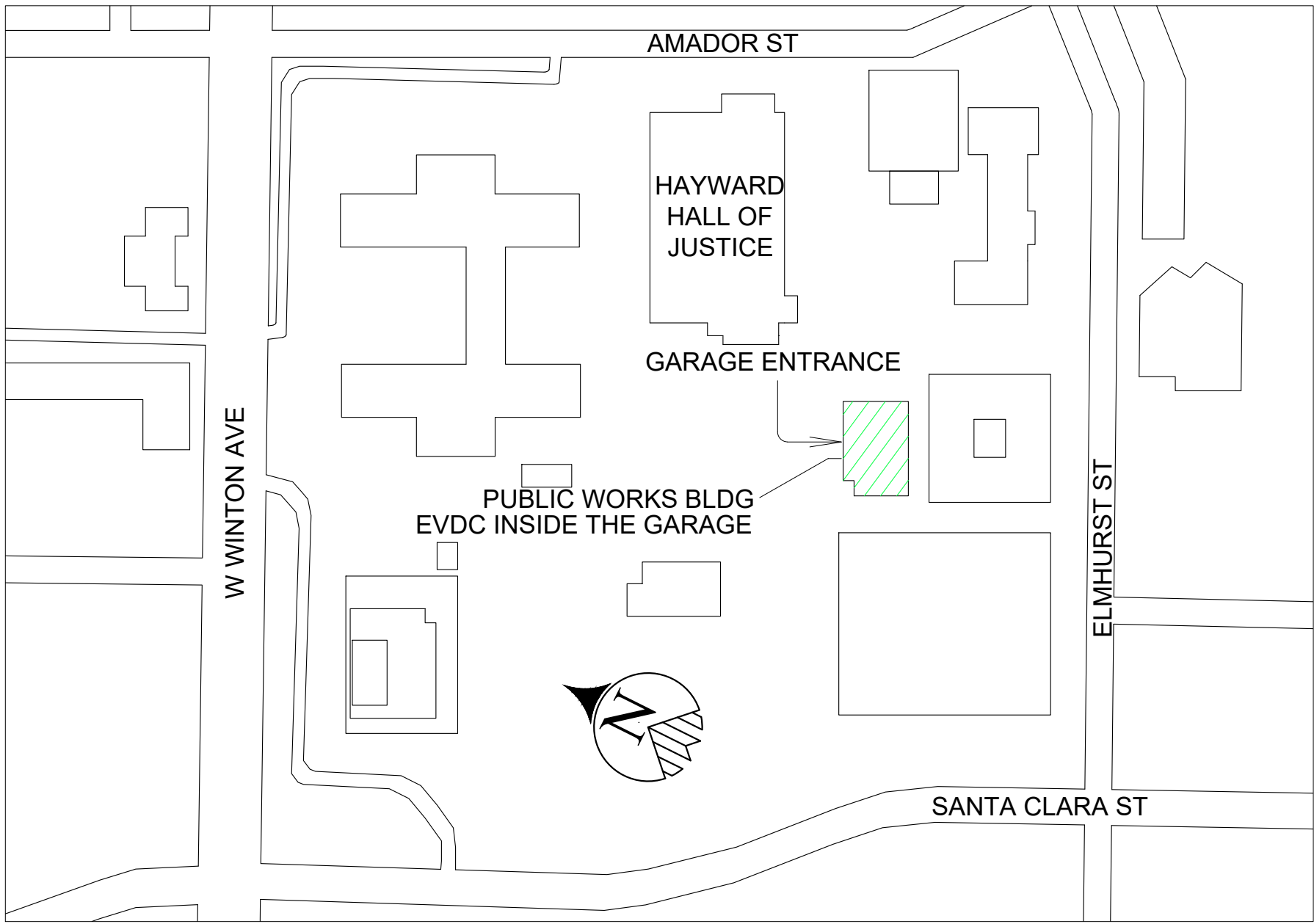


ONE LINE DIAGRAM

NTS

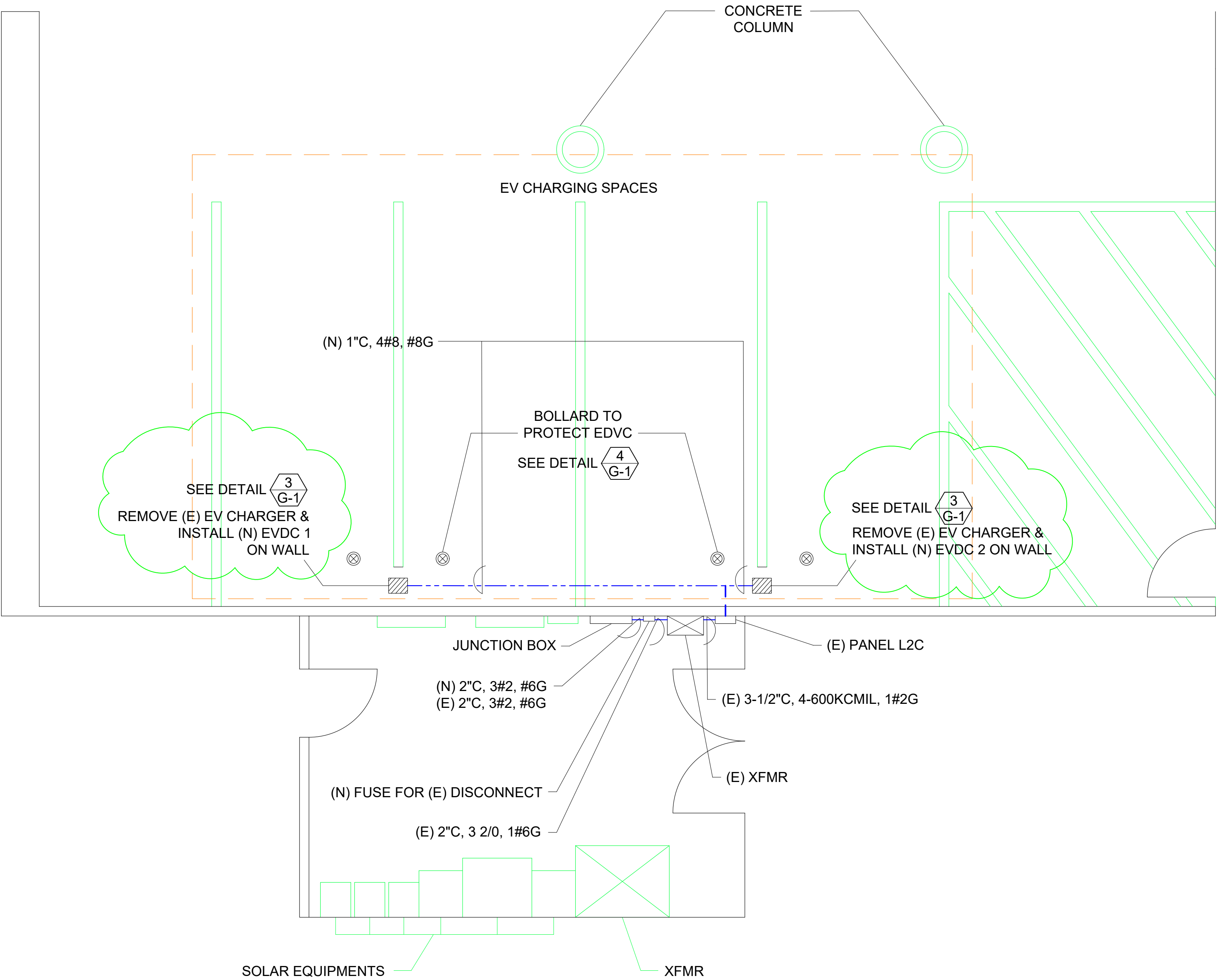
NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN	DESIGNED	CHECKED	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS	SITE A-4 WILLOW ROCK CENTER 15400 FOOTHILL BLVD., SAN LEANDRO, CA 94578 ONE LINE DIAGRAM	DATE	JAN 18, 2016
					ALEXIS HUI	WILLIAM DOCKERY/TONY CHO	TONY HUEN				SCALE	AS NOTED
											JOB #	2014_D_00060
											SHEETS	12 OF 32 SHEETS
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015									SHT	A-4.2





VICINITY MAP
NTS

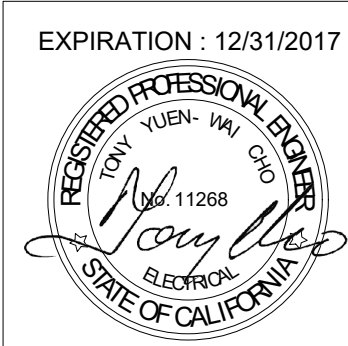
SHEET NOTES :
(1) SEE GENERAL NOTES ON SHEET G-0.3 FOR INSTALLATION REQUIREMENTS.

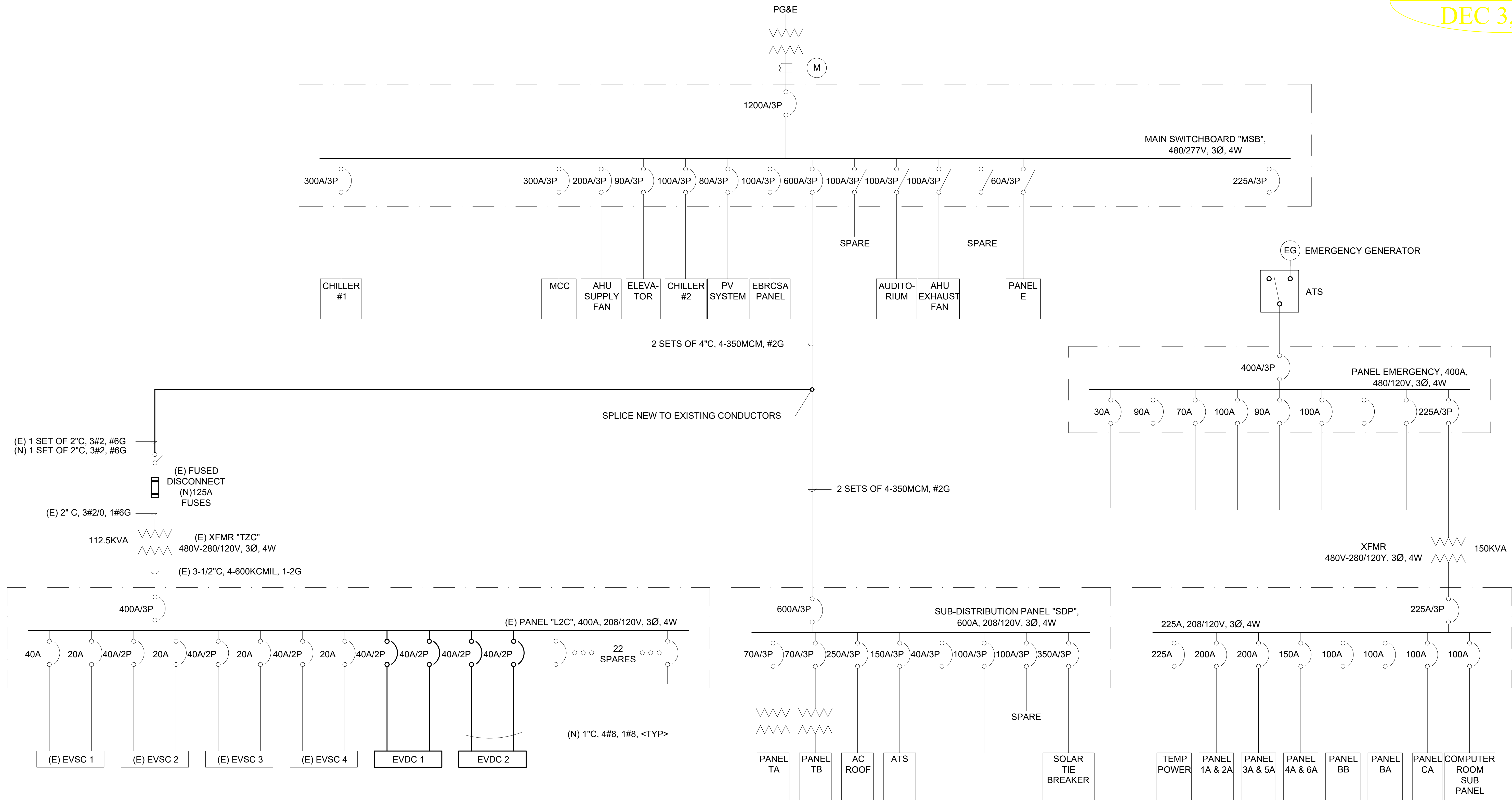


LOCATION OF EV CHARGERS
NTS

NO.		REVISIONS		DATE	REV'D	APP'D	DRAWN ALEXIS HUI DESIGNED WILLIAM DOCKERY/TONY CHO CHECKED TONY HUEN	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS	SITE A-5		COUNTY OF ALAMEDA		DATE	JAN 18, 2016				
										SCALE	AS NOTED		JOB #		2014_D_00060				
2		TO REMOVE (E) EV CHARGERS		01/06/2016						WINTON CAMPUS, PWA ANNEX BUILDING, 399 ELMHURST ST., HAYWARD, CA 94544		SHEETS		13		OF 32		SHEETS	
1		TITLE NAME CHANGED TO "VARIOUS LOCATIONS"		10/21/2015						LOCATION OF EV CHARGERS		SHT		A-5.1					

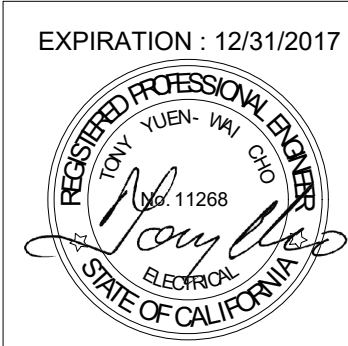
100% DESIGN
DEC 3, 2014





ONE LINE DIAGRAM
NTS

NO.	REVISIONS	DATE	REV'D	APP'D	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418			COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS		SITE A-5 COUNTY OF ALAMEDA WINTON CAMPUS, PWA ANNEX BUILDING, 399 ELMHURST ST., HAYWARD, CA 94544 ONE LINE DIAGRAM		DATE	JAN 18, 2016
												SCALE	AS NOTED
												JOB #	2014_D_00060
												SHEETS	14 OF 32 SHEETS
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015			DRAWN ALEXIS HUI							SHT	A-5.2
					DESIGNED WILLIAM DOCKERY/TONY CHO								
					CHECKED TONY HUEN								



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NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN ALEXIS HUI DESIGNED WILLIAM DOCKERY/TONY CHO CHECKED TONY HUEN	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS			DATE	JAN 18, 2016
										SCALE	AS NOTED
										JOB #	2014_D_00060
2	SHEET EXCLUDED	10/21/2015								SHEETS	15 OF 32 SHEETS
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015						NOT INCLUDED		SHT	O-1.1

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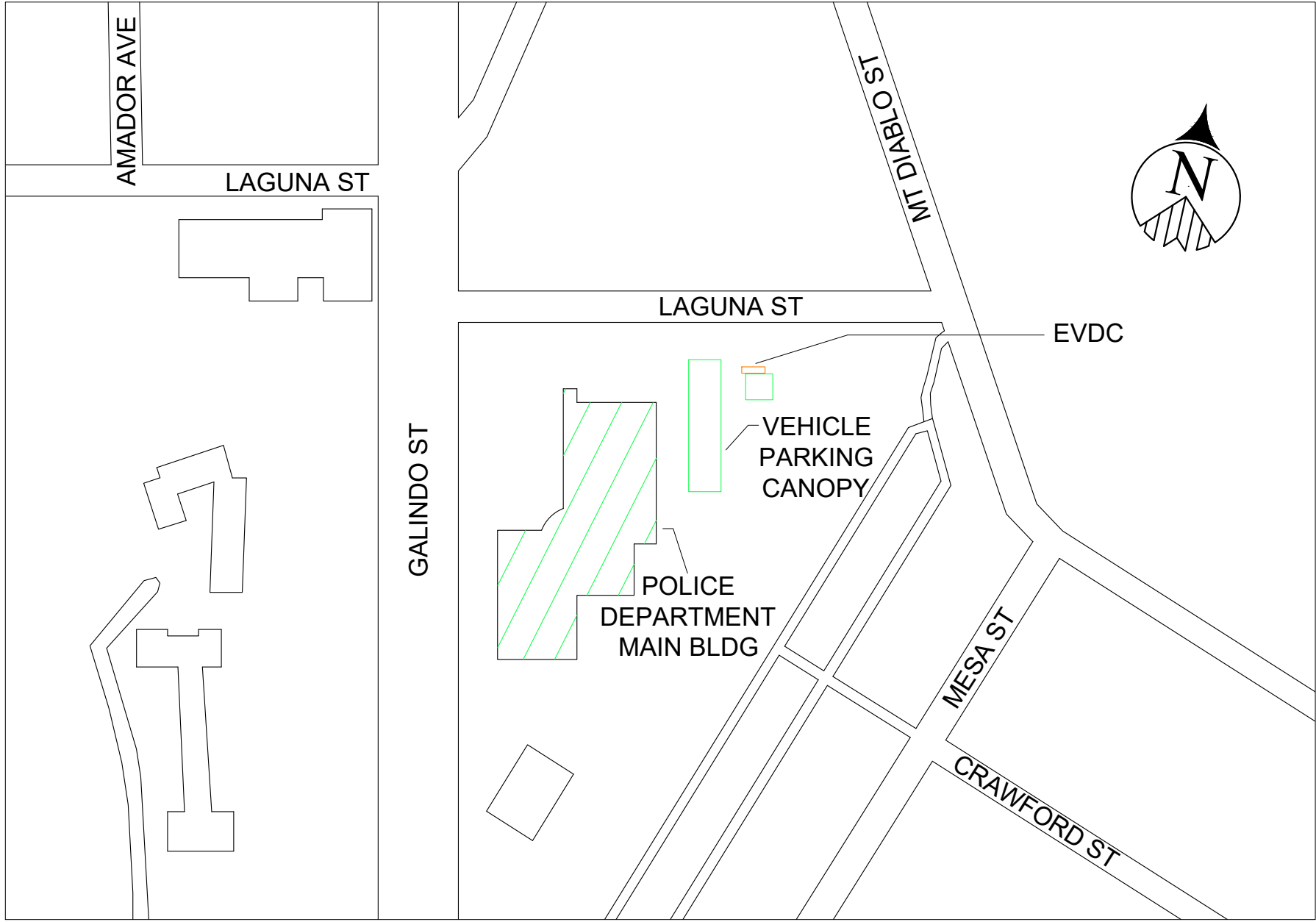
NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN ALEXIS HUI DESIGNED WILLIAM DOCKERY/TONY CHO CHECKED TONY HUEN	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS			DATE	JAN 18, 2016
										SCALE	AS NOTED
										JOB #	2014_D_00060
2	SHEET EXCLUDED	10/21/2015								SHEETS	16 OF 32 SHEETS
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015						NOT INCLUDED		SHT	O-1.2

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NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN DESIGNED CHECKED	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS			DATE	JAN 18, 2016
										SCALE	AS NOTED
										JOB #	2014_D_00060
2	SHEET EXCLUDED	11/02/2015								SHEETS	17 OF 32 SHEETS
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015						NOT INCLUDED		SHT	O-2.1

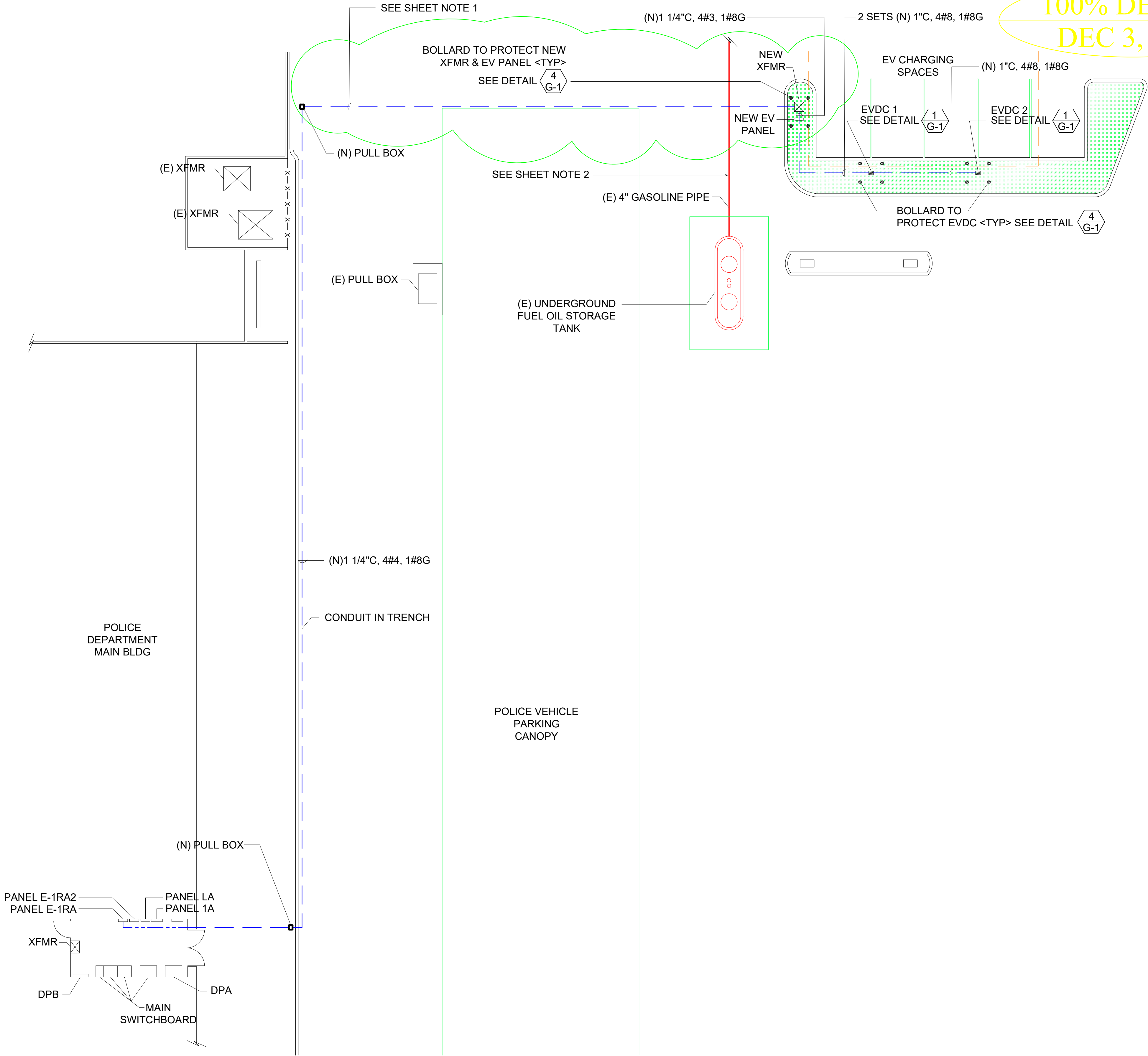
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NO.	REVISIONS	DATE	REV'D	APP'D	<div><div>DRAWN</div><div>ALEXIS HUI</div><div>DESIGNED</div><div>WILLIAM DOCKERY/TONY CHO</div><div>CHECKED</div><div>TONY HUEN</div></div>	<div>GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418</div>	<div>COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS</div>			DATE	JAN 18, 2016
										SCALE	AS NOTED
										JOB #	2014_D_00060
2	SHEET EXCLUDED	11/02/2015								SHEETS	18 OF 32 SHEETS
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015						NOT INCLUDED		SHT	O-2.2



VICINITY MAP
NTS

- SHEET NOTES :
- (1) SEE GENERAL NOTES ON SHEET G-0.3 FOR INSTALLATION REQUIREMENTS.
 - (2) PRIOR TO EXCAVATION IN THIS AREA, CONTRACTOR SHALL LOCATE THE EXACT LOCATION OF THE FUEL TANK, THE 4" GASOLINE PIPE AND OTHER PIPING AT THE AREA. CHANGE LOCATION OF THE CONDUIT AS REQUIRED TO KEEP CLEARANCE FROM THE TANK, GAS PIPES AND OTHER PIPING.



100% DESIGN
DEC 3, 2014



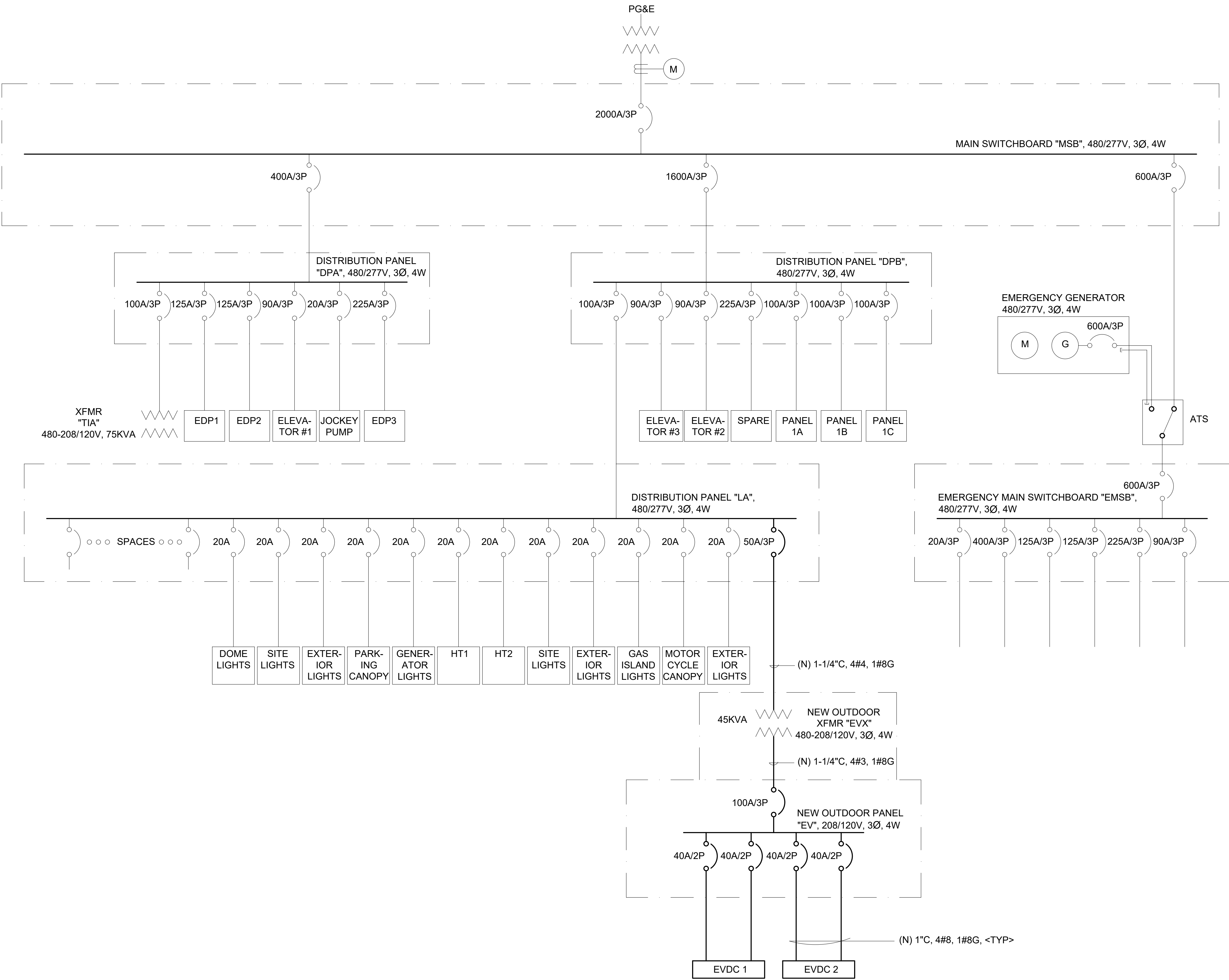
NO.	REVISIONS	DATE	REV'D	APP'D
2	CONDUIT RUN, TRANSFORMER & EV PANEL MOVED LOCATION	01/08/2016		
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015		

DRAWN	ALEXIS HUI
DESIGNED	WILLIAM DOCKERY/TONY CHO
CHECKED	TONY HUEN

GLOBAL ENGINEERING ENTERPRISE
2410 ARMSTRONG STREET
LIVERMORE, CA 94551
(925) 398 8418

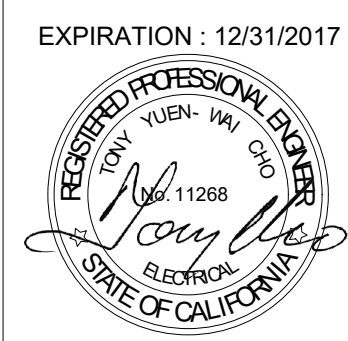
COUNTY OF ALAMEDA
GENERAL SERVICES AGENCY
INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS

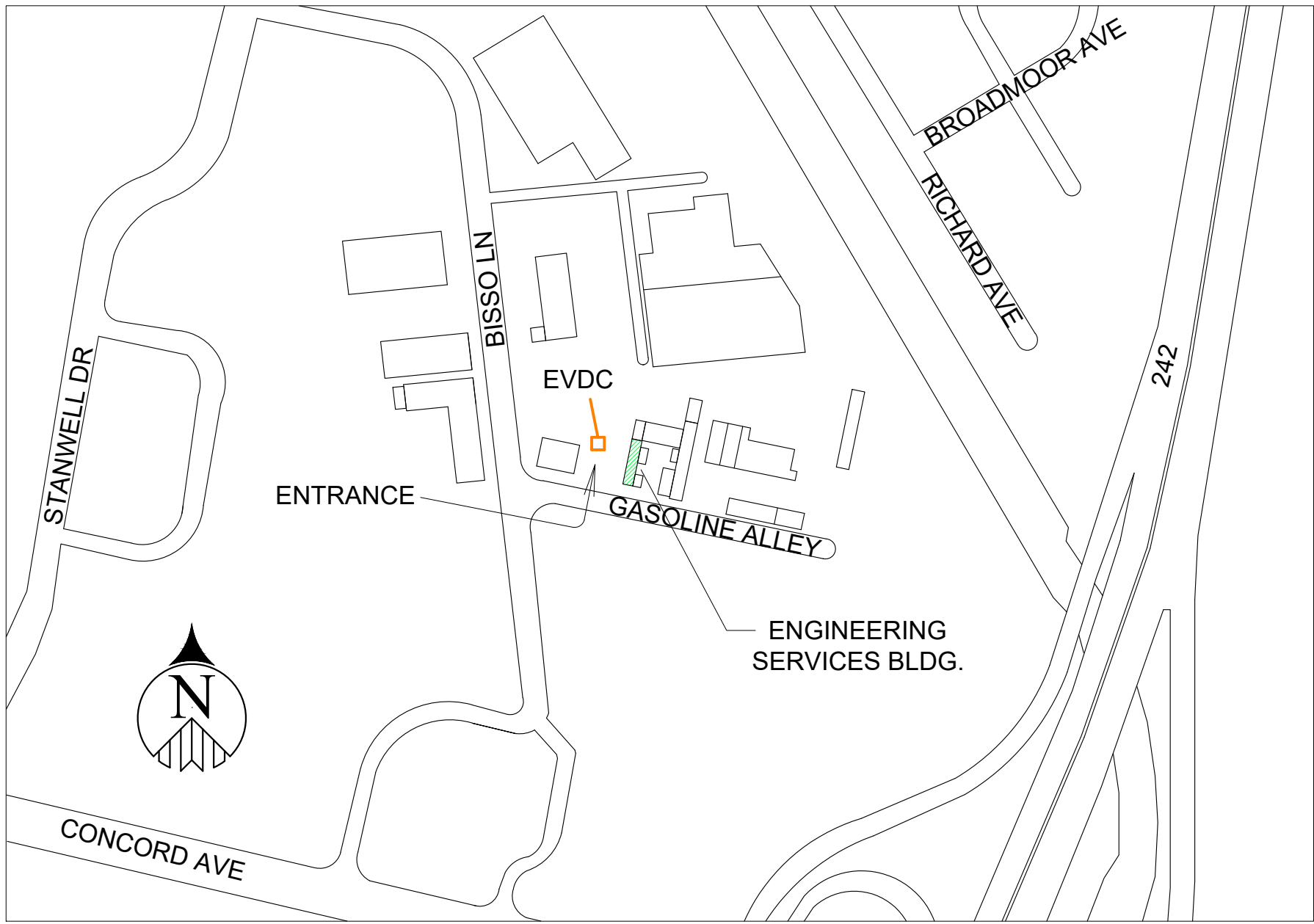
SITE C-1	CITY OF CONCORD	DATE	JAN 18, 2016
CONCORD POLICE DEPARTMENT	1350 GALINDO ST, CONCORD, CA 94520	SCALE	AS NOTED
LOCATION OF EV CHARGERS		JOB #	2014_D_00060
		SHEETS	19 OF 32 SHEETS
		SHT	C-1.1



ONE LINE DIAGRAM
NTS

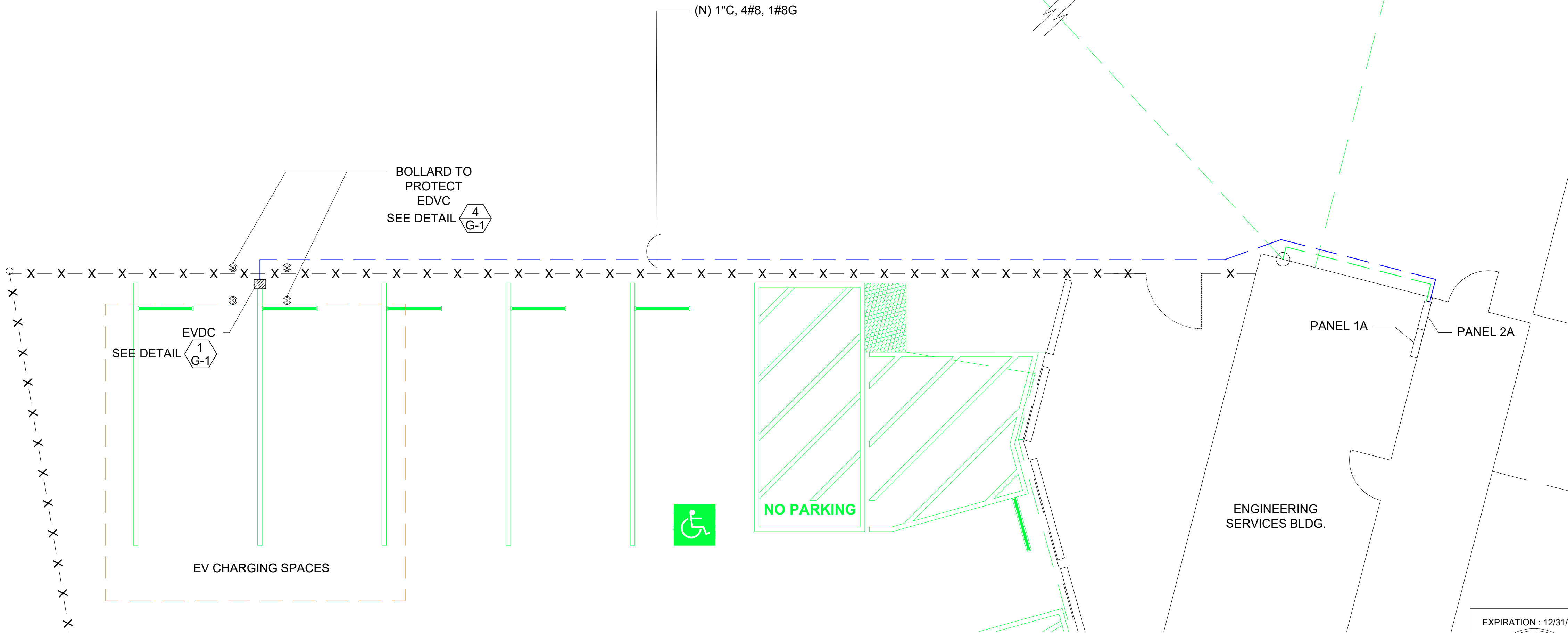
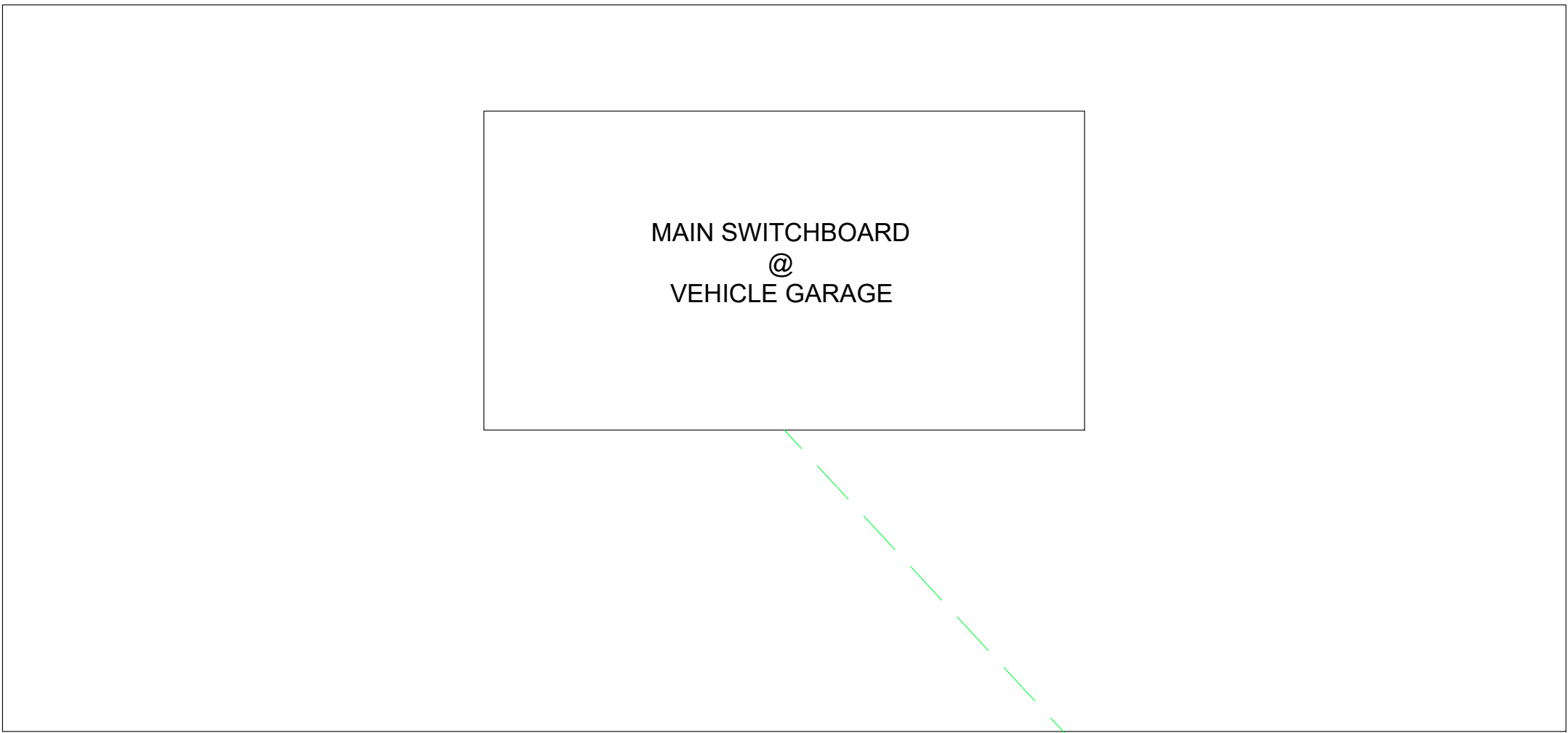
NO.	REVISIONS	DATE	REV'D	APP'D	<div>GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418</div>
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VICINITY MAP
NTS

SHEET NOTES :
(1) SEE GENERAL NOTES ON SHEET G-0.3 FOR INSTALLATION REQUIREMENTS.



LOCATION OF EV CHARGERS
NTS

NO.	REVISIONS	DATE	REV'D	APP'D
2	ADDRESS CORRECTION	12/10/2015		
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015		

DRAWN	ALEXIS HUI
DESIGNED	WILLIAM DOCKERY/TONY CHO
CHECKED	TONY HUEN

GLOBAL ENGINEERING ENTERPRISE
2410 ARMSTRONG STREET
LIVERMORE, CA 94551
(925) 398 8418

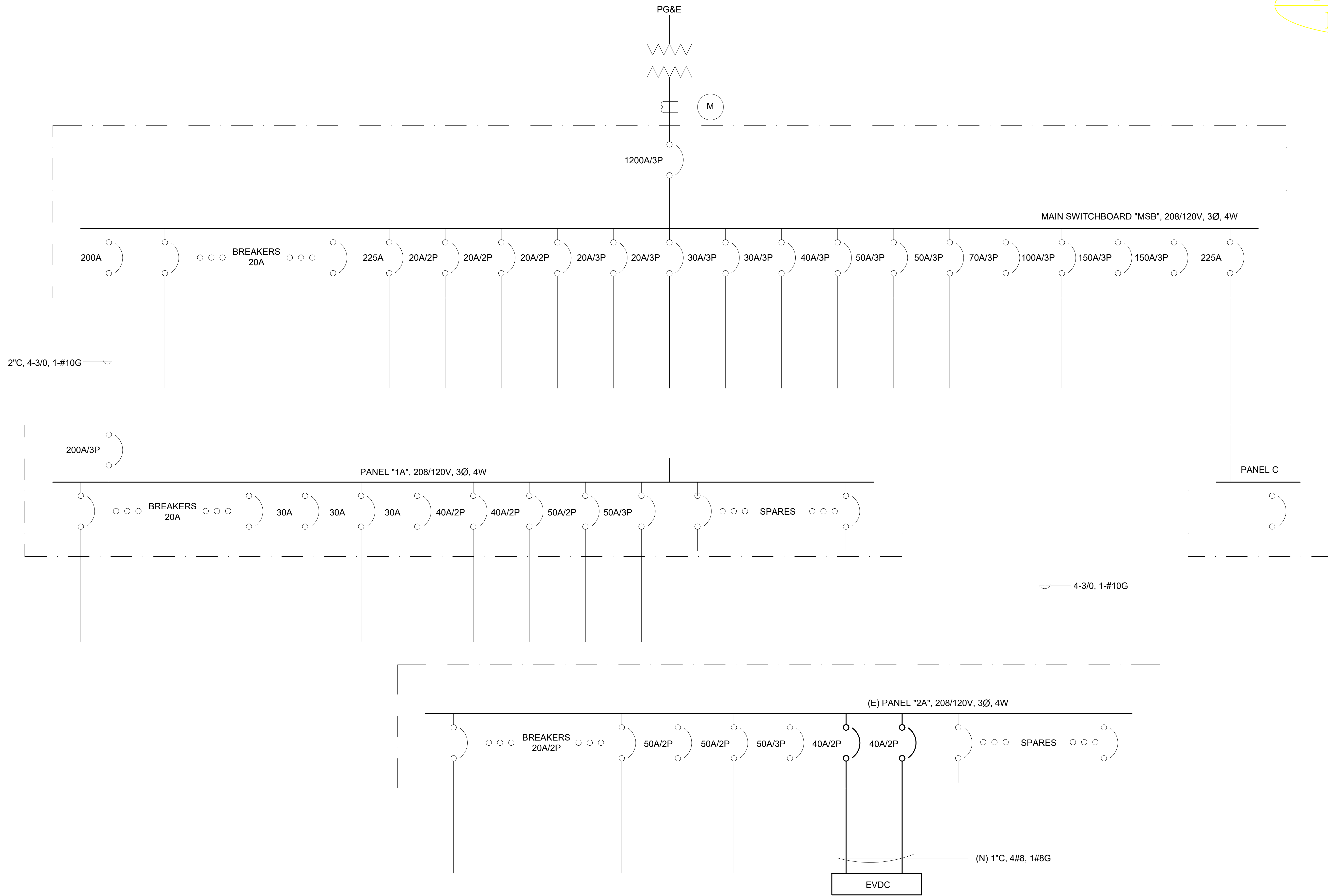
COUNTY OF ALAMEDA
GENERAL SERVICES AGENCY
INSTALLATION OF ELECTRIC VEHICLE
CHARGING STATIONS AT VARIOUS LOCATIONS

SITE C-2
CITY OF CONCORD
CONCORD FACILITIES MAINTENANCE
1435 GASOLINE ALLEY, CONCORD, CA 94520
LOCATION OF EV CHARGERS

DATE	JAN 18, 2016
SCALE	AS NOTED
JOB #	2014_D_00060
SHEETS	21 OF 32 SHEETS
SHT	C-2.1

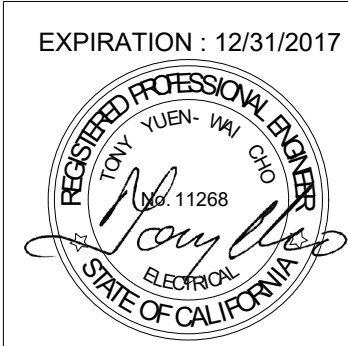


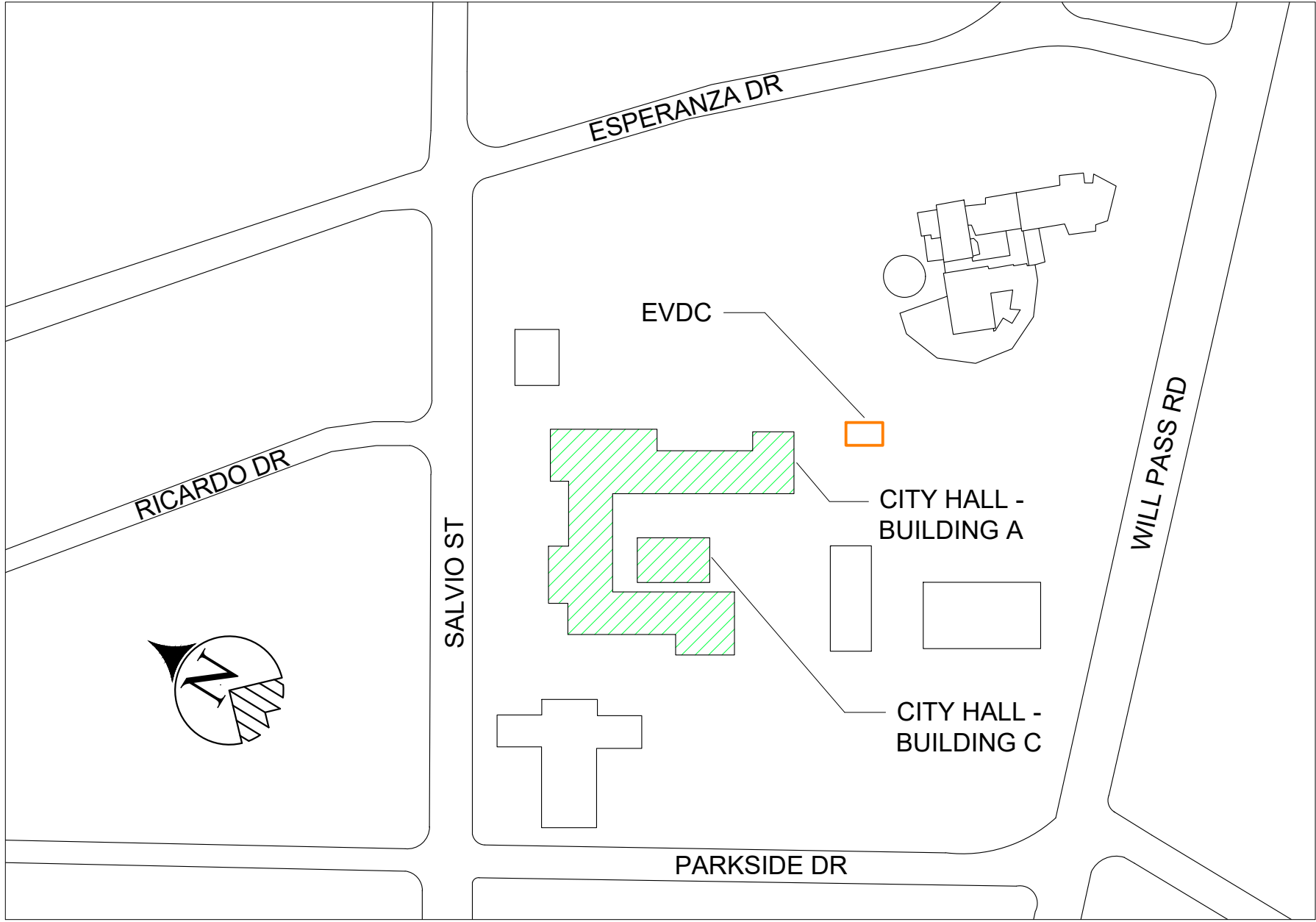
100% DESIGN
DEC 3, 2014



ONE LINE DIAGRAM
NTS

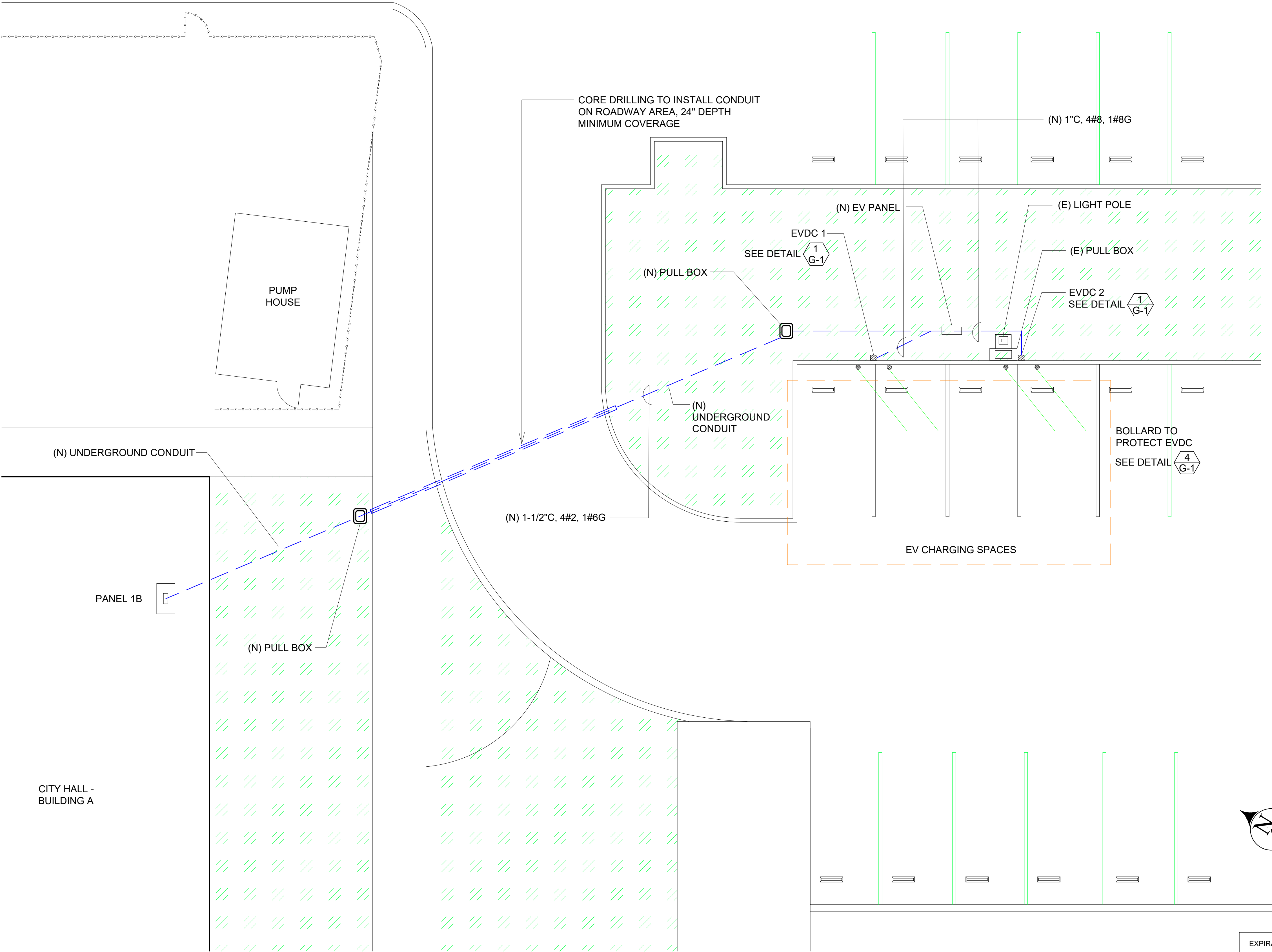
NO.	REVISIONS	DATE	REV'D	APP'D	<div>GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418</div>			<div>COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS</div>		<div>SITE C-2 CITY OF CONCORD CONCORD FACILITIES MAINTENANCE 1435 GASOLINE ALLEY, CONCORD, CA 94520 ONE LINE DIAGRAM</div>		DATE	JAN 18, 2016
												SCALE	AS NOTED
												JOB #	2014_D_00060
												SHEETS	22 OF 32 SHEETS
2	ADDRESS CORRECTION	12/10/2015			DRAWN ALEXIS HUI							SHT	C-2.2
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015			DESIGNED WILLIAM DOCKERY/TONY CHO								
					CHECKED TONY HUEN								





VICINITY MAP
NTS

SHEET NOTES :
(1) SEE GENERAL NOTES ON SHEET G-0.3 FOR INSTALLATION REQUIREMENTS.



LOCATION OF EV CHARGERS
NTS

NO.	REVISIONS	DATE	REV'D	APP'D
2	FEEDER AND PANEL LOCATION CHANGED	12/30/2015		
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015		

DRAWN	ALEXIS HUI
DESIGNED	WILLIAM DOCKERY/TONY CHO
CHECKED	TONY HUEN

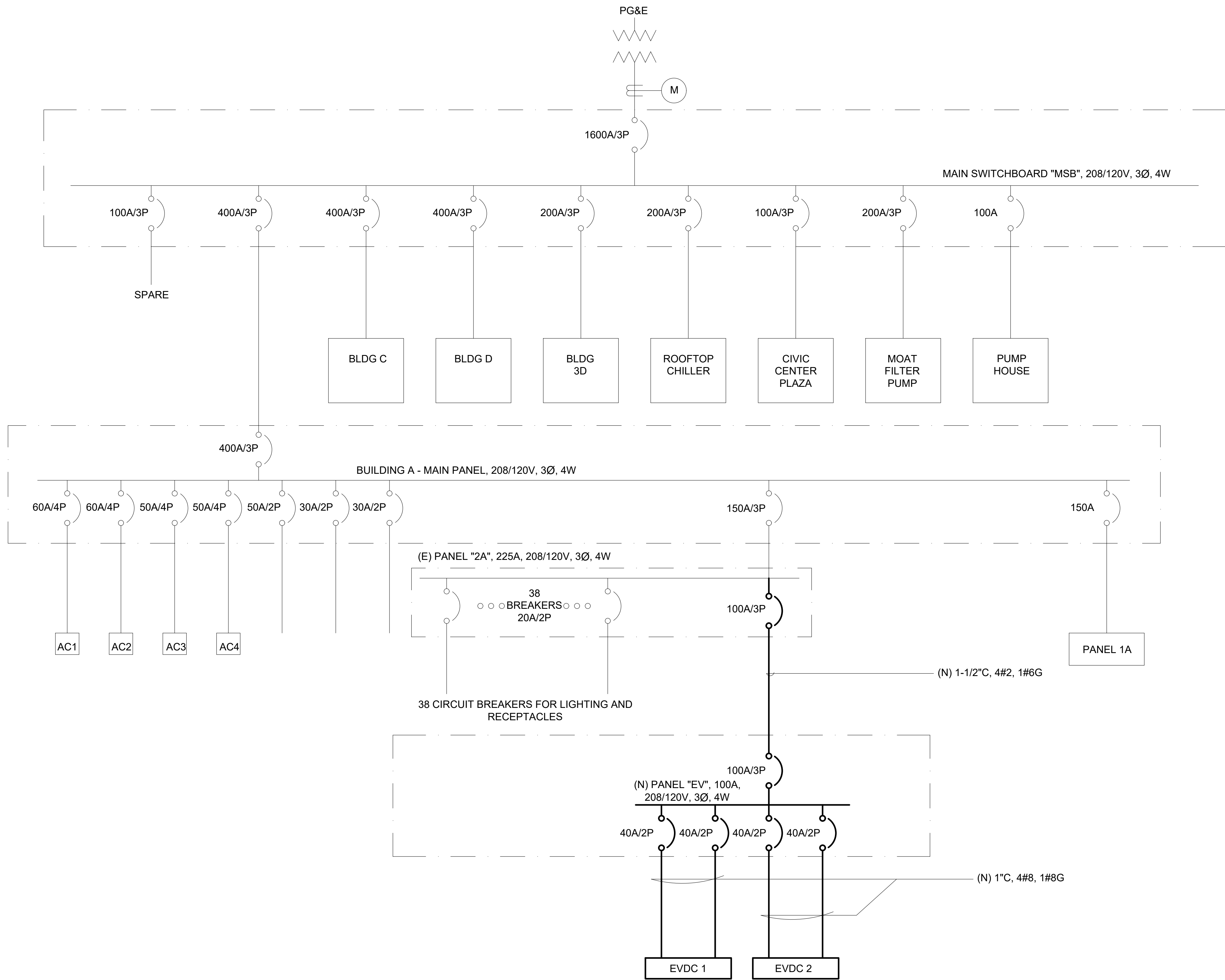
GLOBAL ENGINEERING ENTERPRISE
2410 ARMSTRONG STREET
LIVERMORE, CA 94551
(925) 398 8418

COUNTY OF ALAMEDA
GENERAL SERVICES AGENCY
INSTALLATION OF ELECTRIC VEHICLE
CHARGING STATIONS AT VARIOUS LOCATIONS

SITE C-3
CITY OF CONCORD
CONCORD CIVIC CENTER
1950 PARKSIDE DRIVE, CONCORD, CA 94519
LOCATION OF EV CHARGERS

DATE	JAN 18, 2016
SCALE	AS NOTED
JOB #	2014_D_00060
SHEETS	23 OF 32 SHEETS
SHT	C-3.1





ONE LINE DIAGRAM

NTS

NO.	REVISIONS	DATE	REVD	APP'D
3	LOAD TEST REMOVED	01/06/2016		
2	FEEDER AND PANEL LOCATION CHANGED	12/30/2015		
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015		

DRAWN	ALEXIS HUI
DESIGNED	WILLIAM DOCKERY/TONY CHO
CHECKED	TONY HUEN

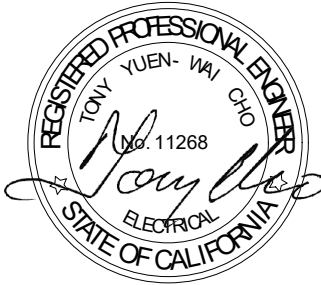
GLOBAL ENGINEERING ENTERPRISE
2410 ARMSTRONG STREET
LIVERMORE, CA 94551
(925) 398 8418

COUNTY OF ALAMEDA
GENERAL SERVICES AGENCY
INSTALLATION OF ELECTRIC VEHICLE
CHARGING STATIONS AT VARIOUS LOCATIONS

SITE C-3
CITY OF CONCORD
CONCORD CIVIC CENTER
1950 PARKSIDE DRIVE, CONCORD, CA 94519
ONE LINE DIAGRAM

DATE	JAN 18, 2016
SCALE	AS NOTED
JOB #	2014_D_00060
SHEETS	24 OF 32 SHEETS
SHT	C-3.2

EXPIRATION : 12/31/2017

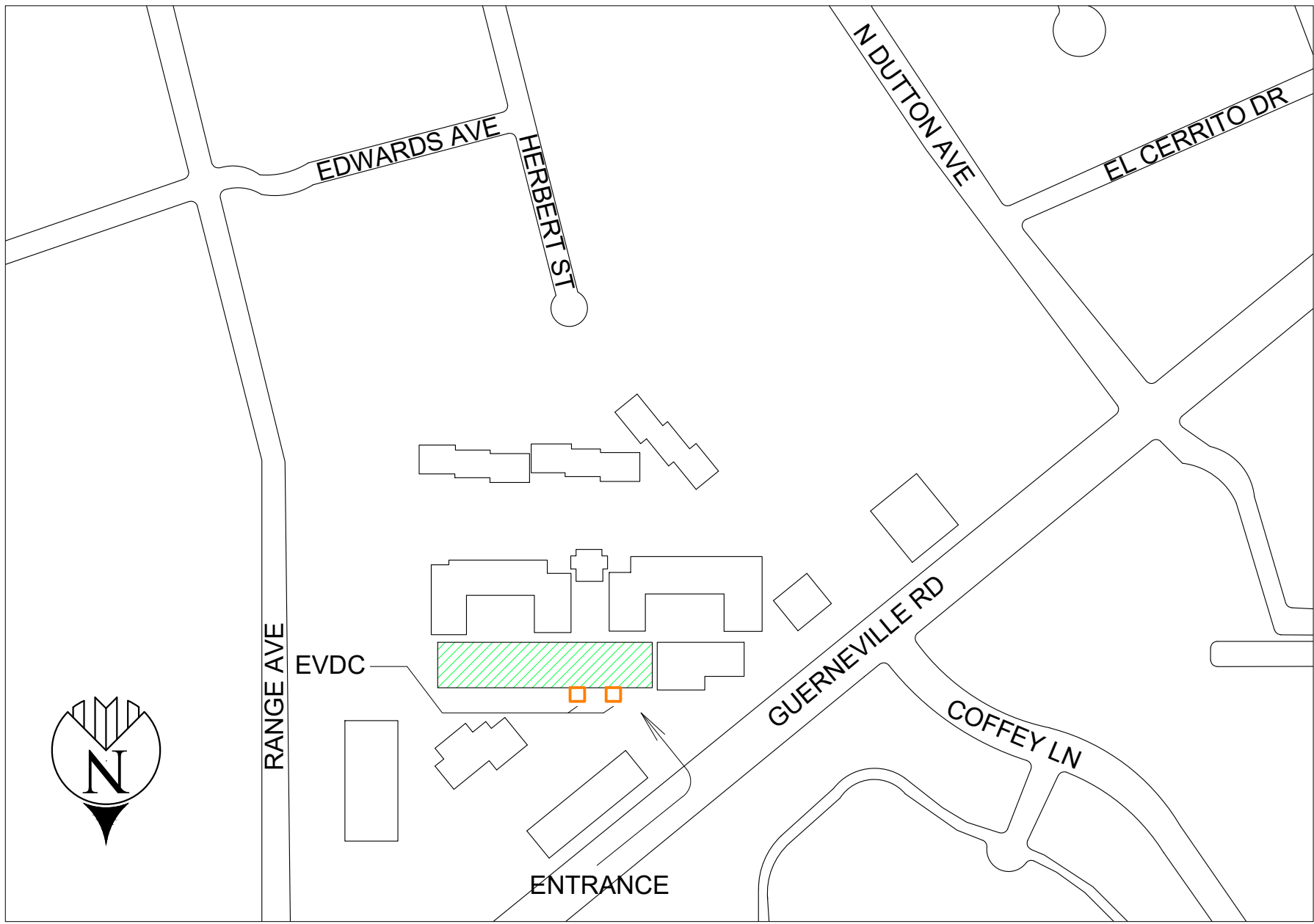


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NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN ALEXIS HUI DESIGNED WILLIAM DOCKERY/TONY CHO CHECKED TONY HUEN	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS			DATE	JAN 18, 2016
										SCALE	AS NOTED
										JOB #	2014_D_00060
2	SHEET EXCLUDED	10/21/2015								SHEETS	25 OF 32 SHEETS
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015						NOT INCLUDED		SHT	M-1.1

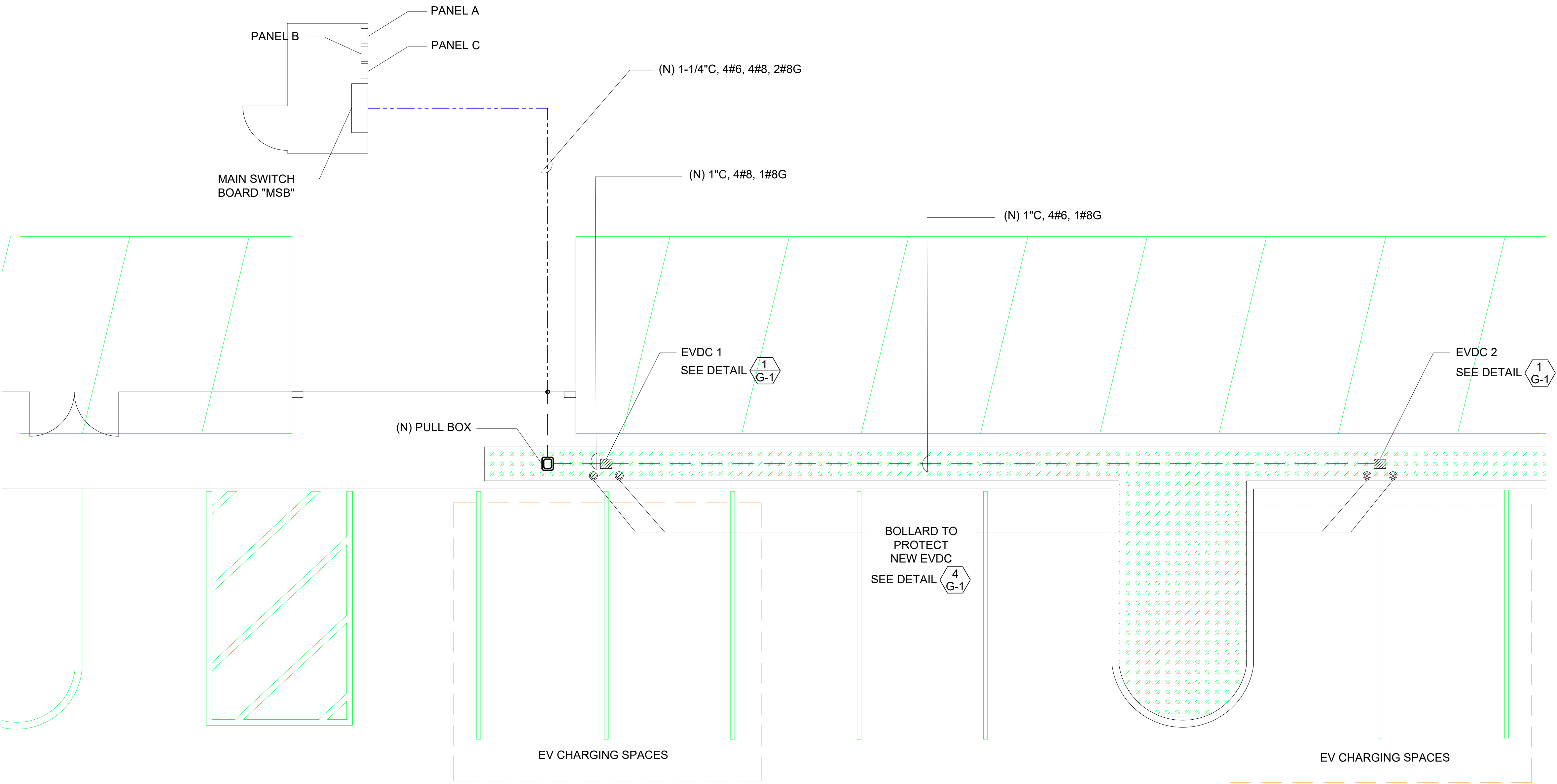
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NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN ALEXIS HUI DESIGNED WILLIAM DOCKERY/TONY CHO CHECKED TONY HUEN	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS			DATE	JAN 18, 2016
										SCALE	AS NOTED
										JOB #	2014_D_00060
2	SHEET EXCLUDED	10/21/2015								SHEETS	26 OF 32 SHEETS
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015						NOT INCLUDED		SHT	M-1.2



VICINITY MAP
NTS

SHEET NOTES :
(1) SEE GENERAL NOTES ON SHEET G-0.3 FOR INSTALLATION REQUIREMENTS.



LOCATION OF EV CHARGERS
NTS

NO.	REVISIONS	DATE	REV'D	APP'D
2	EVDC LOCATION CHANGE	12/10/2015		
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015		

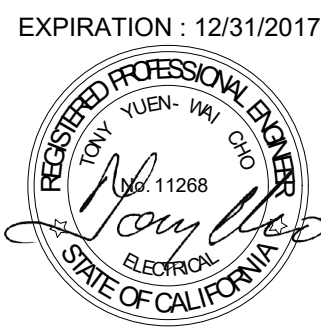
DRAWN	ALEXIS HUI
DESIGNED	WILLIAM DOCKERY/TONY CHO
CHECKED	TONY HUEN

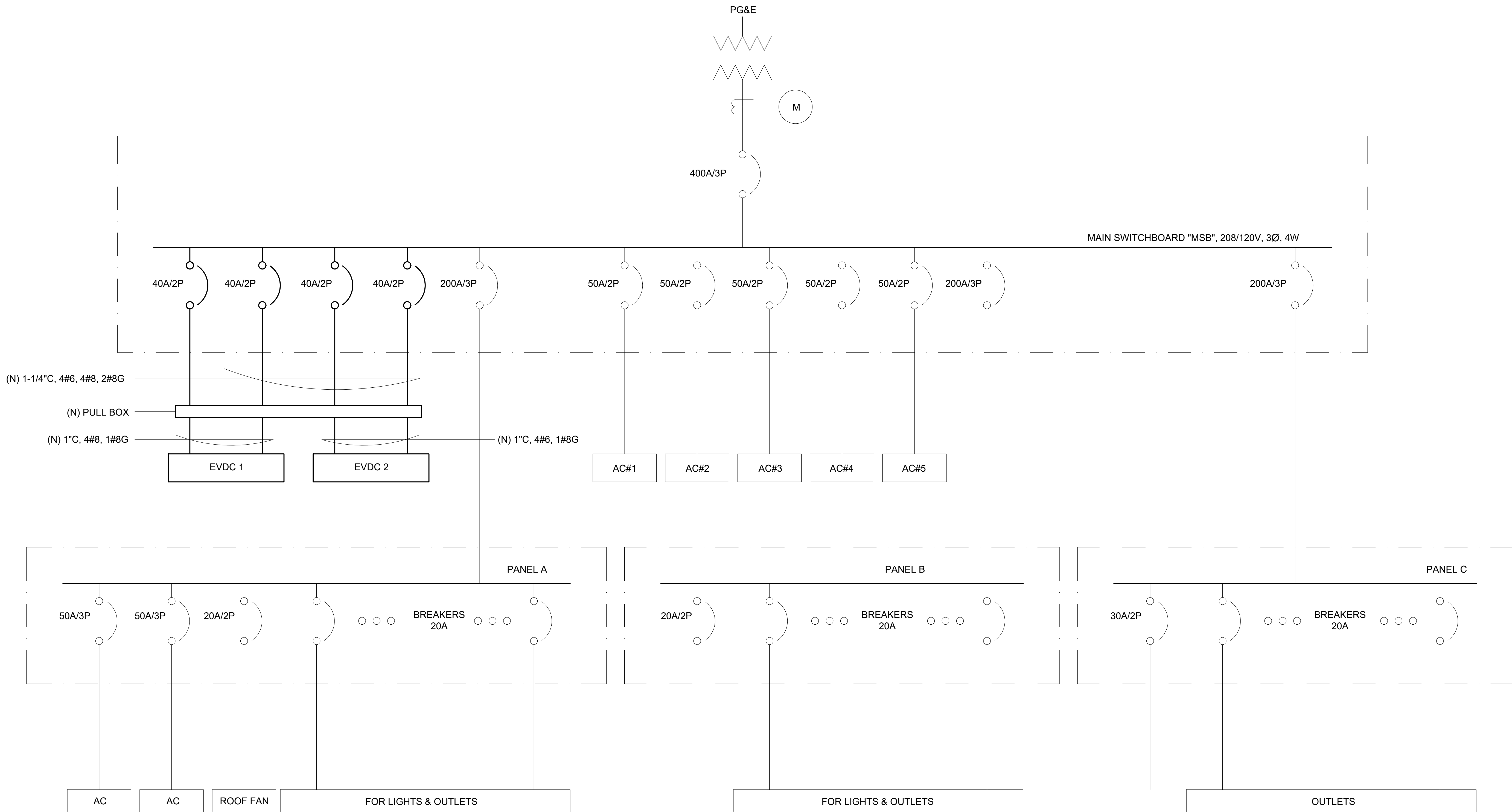
GLOBAL ENGINEERING ENTERPRISE
2410 ARMSTRONG STREET
LIVERMORE, CA 94551
(925) 398 8418

COUNTY OF ALAMEDA
GENERAL SERVICES AGENCY
INSTALLATION OF ELECTRIC VEHICLE
CHARGING STATIONS AT VARIOUS LOCATIONS

SITE S-1	COUNTY OF SONOMA
SONOMA COMMUNITY DEVELOPMENT COMMISSION 1440 GUERNEVILLE RD., SANTA ROSA, CA 95401	
LOCATION OF EV CHARGERS	

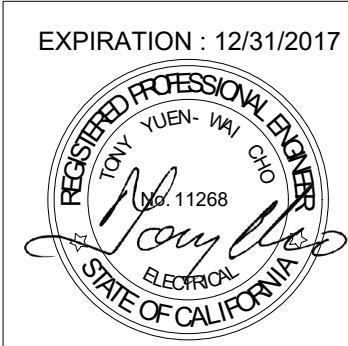
DATE	JAN 18, 2016
SCALE	AS NOTED
JOB #	2014_D_00060
SHEETS	27 OF 32 SHEETS
SHT	S-1.1





ONE LINE DIAGRAM
NTS

NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN	DESIGNED	CHECKED	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS	SITE S-1 SONOMA COMMUNITY DEVELOPMENT COMMISSION 1440 GUERNEVILLE RD., SANTA ROSA, CA 95401 ONE LINE DIAGRAM	COUNTY OF SONOMA	DATE	JAN 18, 2016
												SCALE	AS NOTED
												JOB #	2014_D_00060
												SHEETS	28 OF 32 SHEETS
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015										SHT	S-1.2

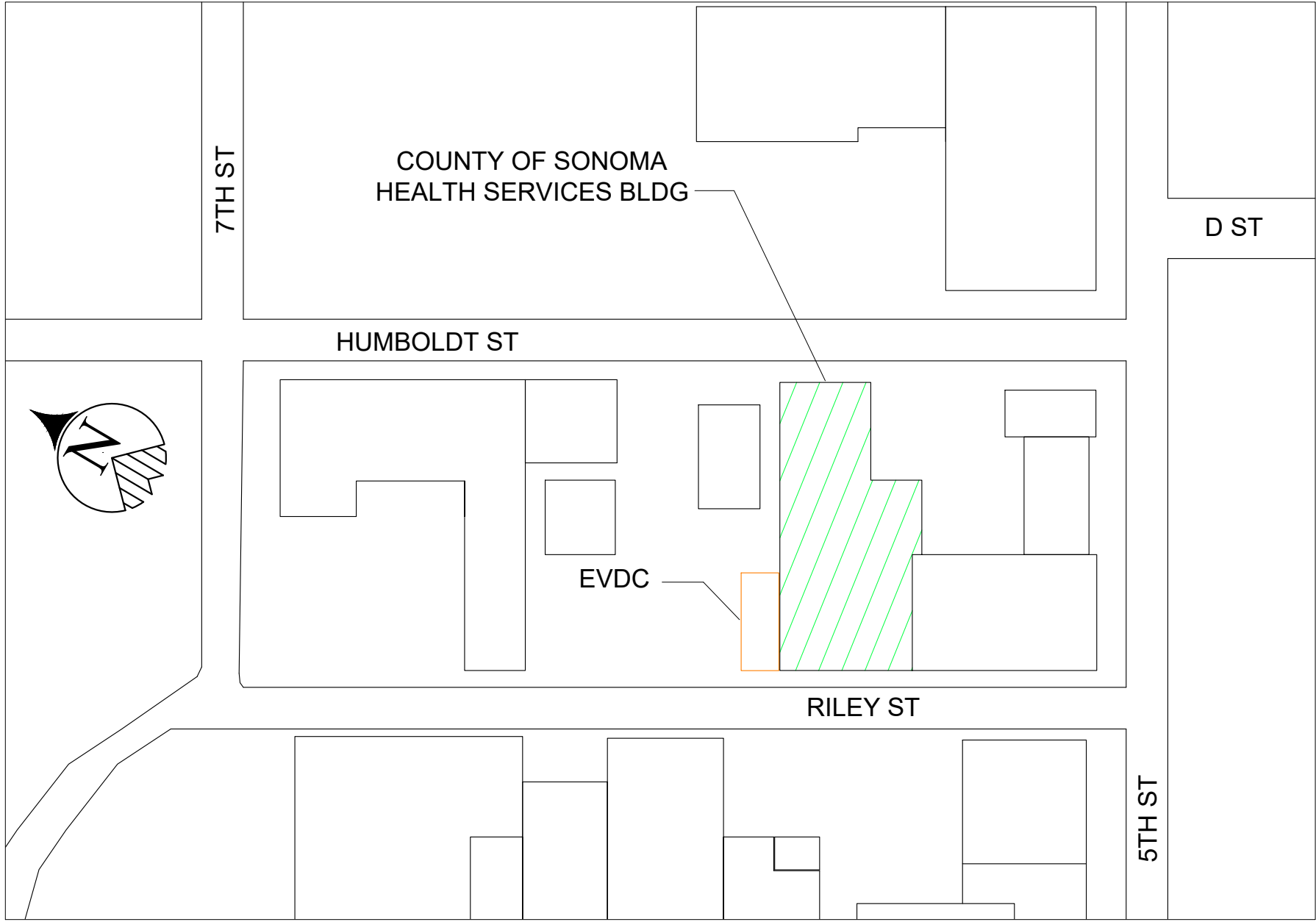


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NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN ALEXIS HUI DESIGNED WILLIAM DOCKERY/TONY CHO CHECKED TONY HUEN	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS			DATE	JAN 18, 2016
										SCALE	AS NOTED
										JOB #	2014_D_00060
2	SHEET EXCLUDED	12/10/2015								SHEETS	29 OF 32 SHEETS
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015						NOT INCLUDED		SHT	S-2.1

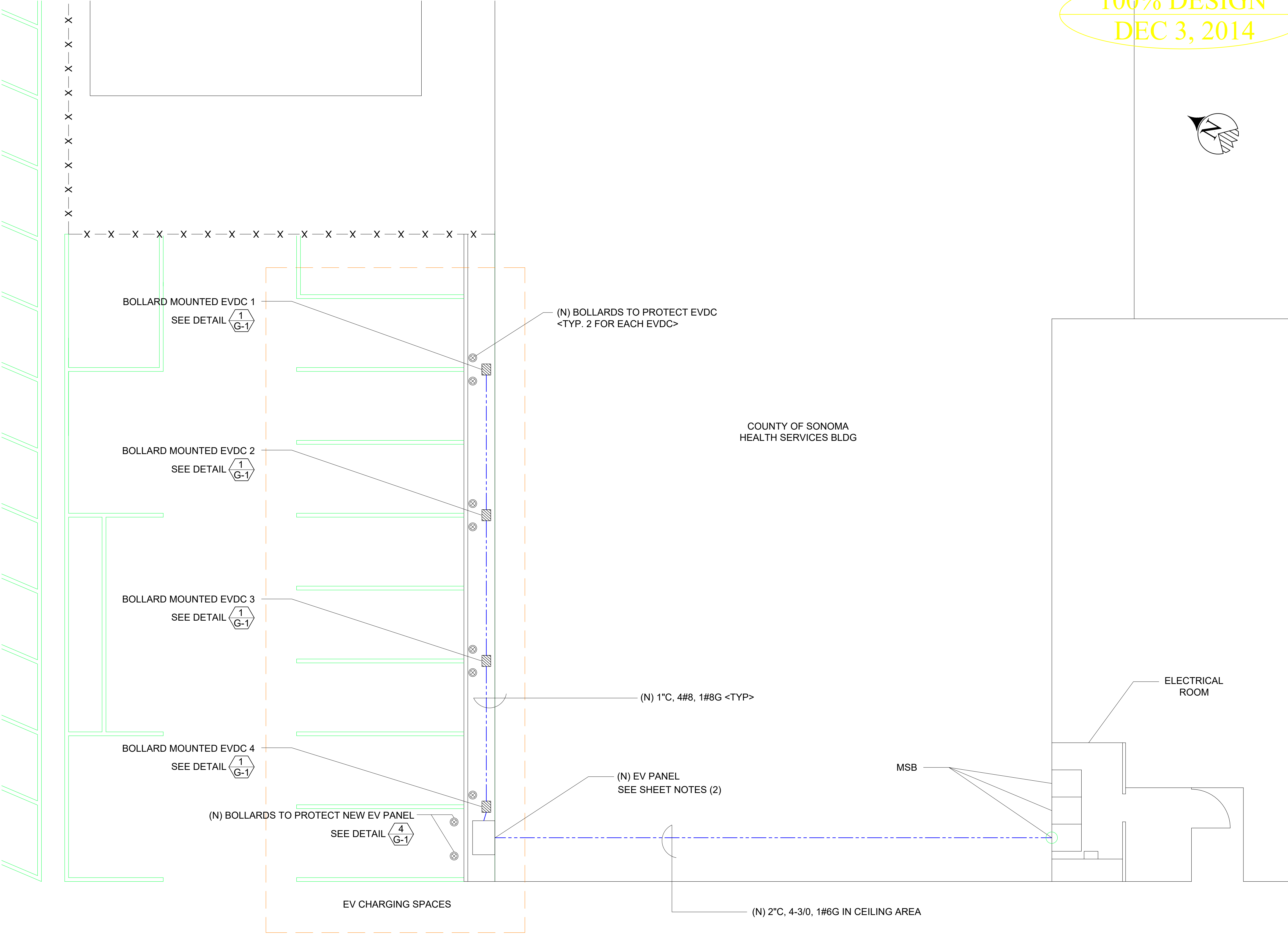
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NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN ALEXIS HUI DESIGNED WILLIAM DOCKERY/TONY CHO CHECKED TONY HUEN	GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS			DATE	JAN 18, 2016
										SCALE	AS NOTED
										JOB #	2014_D_00060
2	SHEET EXCLUDED	12/10/2015								SHEETS	30 OF 32 SHEETS
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015						NOT INCLUDED		SHT	S-2.2



VICINITY MAP
NTS

- SHEET NOTES :
- (1) SEE GENERAL NOTES ON SHEET G-0.3 FOR INSTALLATION REQUIREMENTS.
 - (2) EV PANEL SHALL BE LOCKABLE, NEMA 3R, OUTDOOR RATING, SEE NOTE 14 ON SHEET 3, G-0.3



LOCATION OF EV CHARGERS
NTS

NO.	REVISIONS	DATE	REV'D	APP'D
2	EV PANEL LOCATION CHANGE	12/10/2015		
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015		

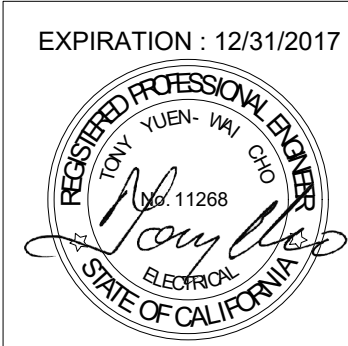
DRAWN	ALEXIS HUI
DESIGNED	WILLIAM DOCKERY/TONY CHO
CHECKED	TONY HUEN

GLOBAL ENGINEERING ENTERPRISE
2410 ARMSTRONG STREET
LIVERMORE, CA 94551
(925) 398 8418

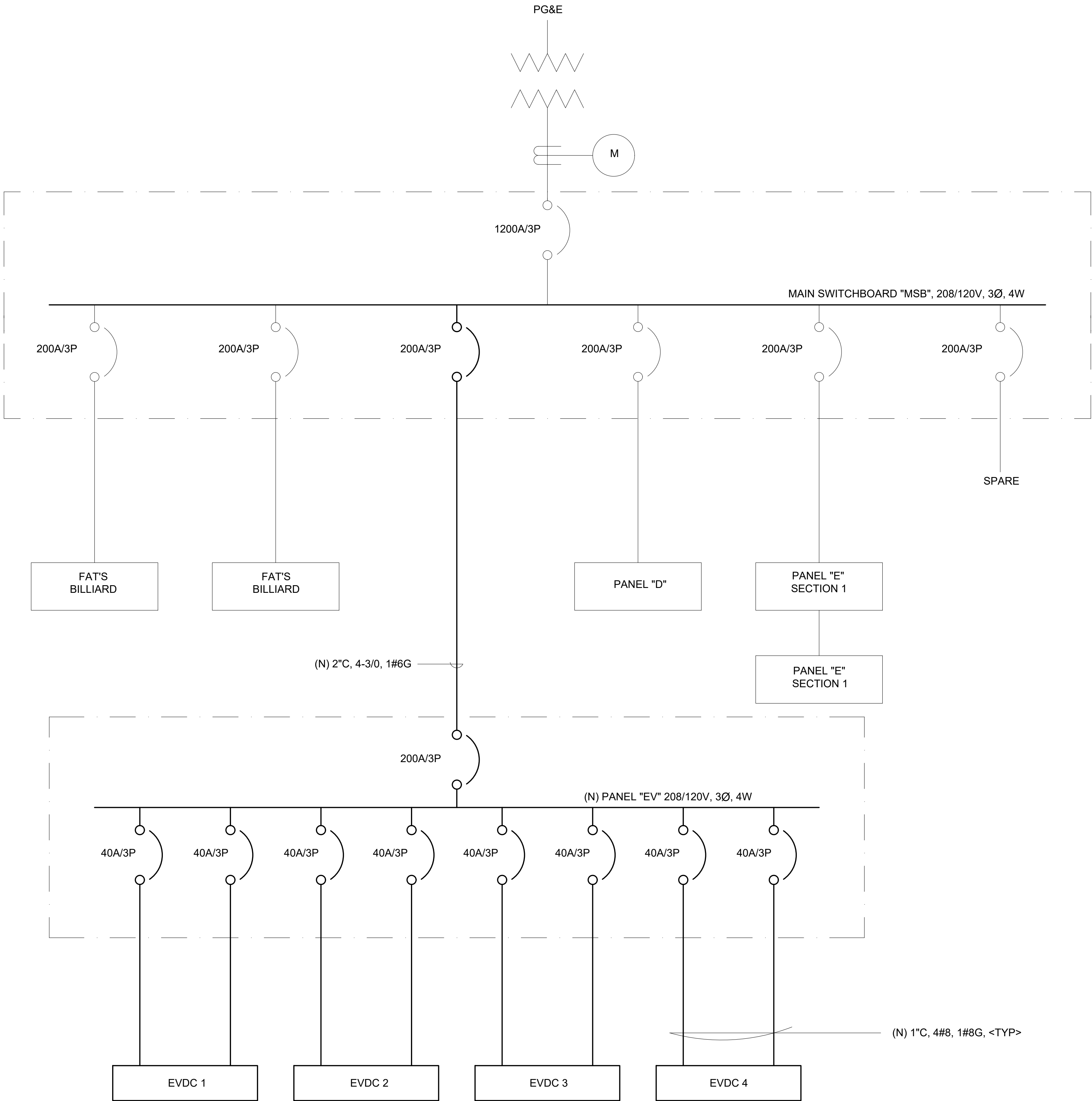
COUNTY OF ALAMEDA
GENERAL SERVICES AGENCY
INSTALLATION OF ELECTRIC VEHICLE
CHARGING STATIONS AT VARIOUS LOCATIONS

SITE S-3	COUNTY OF SONOMA	DATE	JAN 18, 2016
SONOMA ENVIRONMENTAL HEALTH DHS 625 5TH STREET, SANTA ROSA, CA 95404		SCALE	AS NOTED
LOCATION OF EV CHARGERS		JOB #	2014_D_00060
		SHEETS	31 OF 32 SHEETS
		SHT	S-3.1

100% DESIGN
DEC 3, 2014



100% DESIGN
DEC 3, 2014



ONE LINE DIAGRAM
NTS

NO.	REVISIONS	DATE	REV'D	APP'D	DRAWN	DESIGNED	CHECKED				DATE	JAN 18, 2016
					ALEXIS HUI	WILLIAM DOCKERY/TONY CHO	TONY HUEN				SCALE	AS NOTED
											JOB #	2014_D_00060
											SHEETS	32 OF 32 SHEETS
1	TITLE NAME CHANGED TO "VARIOUS LOCATIONS"	10/21/2015									SHT	S-3.2

GLOBAL ENGINEERING ENTERPRISE 2410 ARMSTRONG STREET LIVERMORE, CA 94551 (925) 398 8418	COUNTY OF ALAMEDA GENERAL SERVICES AGENCY INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS AT VARIOUS LOCATIONS	SITE S-3 COUNTY OF SONOMA SONOMA ENVIRONMENTAL HEALTH DHS 625 5TH STREET, SANTA ROSA, CA 95404 ONE LINE DIAGRAM	EXPIRATION : 12/31/2017