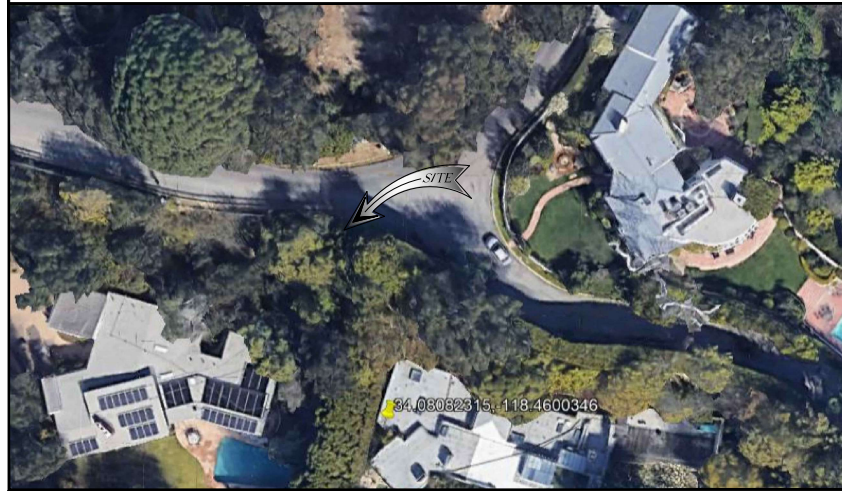


EXISTING SITE PHOTO



LOCATION MAP



2B SCOPE OF WORK

THIS PROJECT MODIFICATION OF EXISTING CONSISTS OF:

- INSTALLATION OF (2) (N) ALPHA PN-4 POWERNODE SYSTEM ENCLOSURES
- INSTALLATION OF (18) (N) 12V ALPHA 210FTX BATTERIES
- INSTALLATION OF (1) (N) PRECAST CONCRETE PAD
- REMOVAL & REPLACEMENT OF (E) POWER SUPPLY
- ALL ASSOCIATED ELECTRIC WIRES AND CONDUITS TO CONNECT POWERNODE CABINET TO EXISTING ALPHA CABINET



SITE ID: AG250_AG250A

SITE ADDRESS:
777 N LEDO WAY,
LOS ANGELES, CA 90049

SITE INFORMATION

SITE ADDRESS:	777 N LEDO WAY LOS ANGELES, CA 90049
LATITUDE/LONGITUDE (NAD 83):	34.98082315 -118.4600346
JURISDICTION:	CITY OF LOS ANGELES
POWER PROVIDER:	CLA
STRUCTURE TYPE:	UTILITY POLE
OUTPUT VOLTAGE SPEC:	90
INPUT VOLTAGE SPEC:	120
AMP DRAW:	7

DRAWING INDEX

SHEET	DESCRIPTION
T1	TITLE SHEET AND SITE PLAN
A0	ENLARGED SITE PLANS
A1	ELEVATIONS
D1	DETAILS
TC1	TRAFFIC CONTROL

PROJECT TEAM

OWNER:	CHARTER COMMUNICATIONS 6260 TOPANGA CANYON BLVD CHATSORTH CA, 91311	ENGINEER/ ARCHITECT:	JS INFRASTRUCTURE PARTNERS JOSE M. MIRANDA ARCHITECT/ENGINEER CONTACT PH: (949) 242-7767 EMAIL: jmiranda@jsip.com 23 MAUCHLY, SUITE 110 IRVINE, CALIFORNIA, 92618
APPLICANT:	ALPHA TECHNOLOGIES, INC. RICHARD A. SEIFF SERVICE OPERATIONS MANAGER ENERGY SYSTEMS AMERICAS PH: (331) 276-6232 EMAIL: rich.seiff@enernys.com		

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

1. CALIFORNIA BUILDING STANDARDS CODE, 2019 TRIENNIAL EDITION OF TITLE 24, WITH AN EFFECTIVE DATE OF JANUARY 1, 2020.	PART 8 - CALIFORNIA HISTORICAL BUILDING CODE
PART 1 - CALIFORNIA ADMINISTRATIVE CODE	PART 9 - CALIFORNIA FIRE CODE, BASED ON THE 2018 INTERNATIONAL FIRE CODE.
PART 2 - CALIFORNIA BUILDING CODE, BASED ON THE 2018 INTERNATIONAL BUILDING CODE	PART 10 - CALIFORNIA EXISTING BUILDING CODE, BASED ON THE 2018 INTERNATIONAL EXISTING BUILDING CODE
PART 3 - CALIFORNIA ELECTRICAL CODE, BASED ON THE 2017 NATIONAL ELECTRICAL CODE	PART 11 - CALIFORNIA GREEN BUILDING STANDARDS CODE (ALSO KNOWN AS CALGREEN)
PART 4 - CALIFORNIA MECHANICAL CODE, BASED ON THE 2018 INTERNATIONAL MECHANICAL CODE	PART 12 - CALIFORNIA REFERENCED STANDARDS CODE
PART 5 - CALIFORNIA PLUMBING CODE, BASED ON THE 2018 UNIFORM PLUMBING CODE	2. ANSITM-222 (REV 1)
PART 6 - CALIFORNIA ENERGY CODE	3. 2016 NFPA 101, LIFE SAFETY CODE
PART 7 - VACANT	4. 2018 NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE
	5. 2015 NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS

GENERAL CONTRACTOR NOTES

DO NOT SCALE DRAWINGS IF NOT FULL SIZE (24 X 36)

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BEAR THE RESPONSIBILITY FOR THE SAME.



9260 TOPANGA CANYON BLVD
CHATSORTH CA, 91311



3767 ALPHA WAY
BELLINGHAM, WA 98226



23 MAUCHLY, STE 110
IRVINE, CA 92618

JS PROGRAM ID: ALP-CA-CPUC
JS PROJECT ID: 1665974

ISSUE STATUS

REV	DATE	DESCRIPTION	BY
A	10/27/21	90% CD	MA
B	11/01/21	96% CD	JA
9	12/08/21	100% CD	KV
1	03/03/22	LA CITY REQ. UPDATE	IK
1	10/07/22	PCC #1	MRA

SEAL



SITE INFORMATION

SITE ID:
AG250_AG250A

SITE ADDRESS:
777 N LEDO WAY,
LOS ANGELES, CA 90049

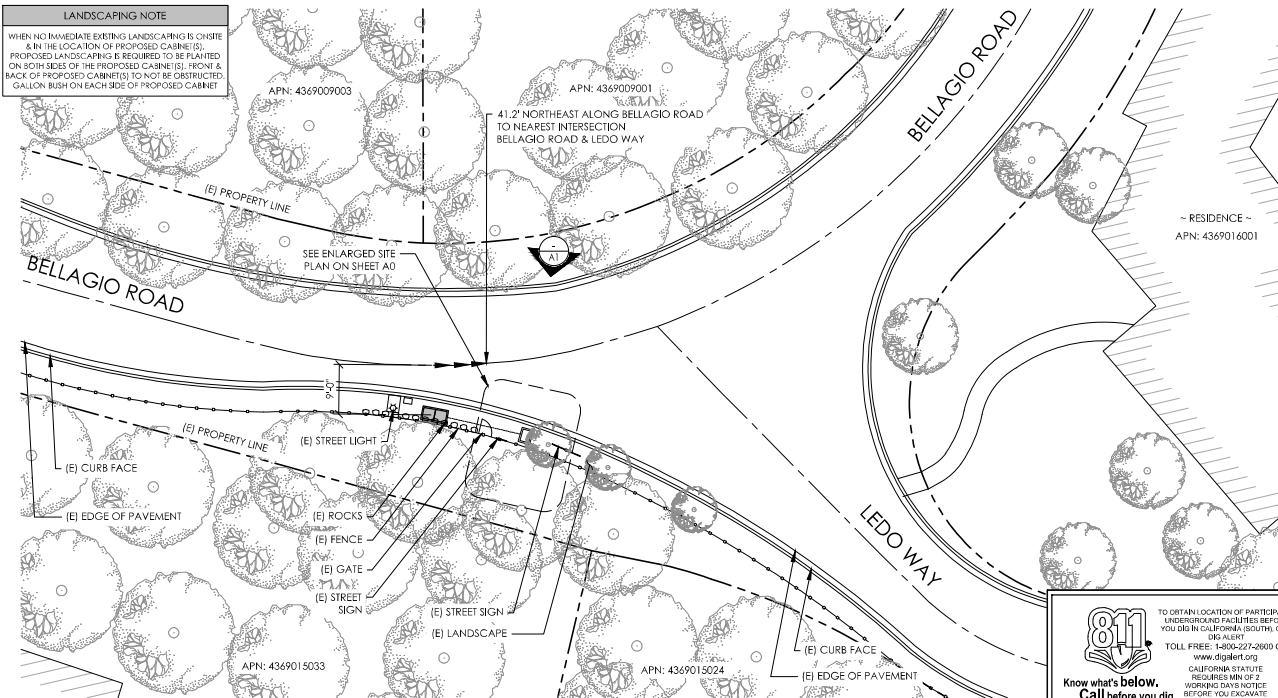
SHEET TITLE:

TITLE SHEET

T1

LANDSCAPING NOTE

WHEN NO IMMEDIATE EXISTING LANDSCAPING IS ON SITE & IN THE LOCATION OF PROPOSED CABINET(S), PROPOSED LANDSCAPING IS REQUIRED TO BE PLANTED ON BOTH SIDES OF THE PROPOSED CABINET(S). FRONT & BACK OF PROPOSED CABINET(S) TO NOT BE OBSTRUCTED. GALIUM BUSH ON EACH SIDE OF PROPOSED CABINET



Know what's below.
Call before you dig.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN CALIFORNIA, CALL 811. TOLL FREE: 1-800-227-2609 OR www.digalert.org. CALIFORNIA STATUTE REQUIRES MIN OF 2 WORKING DAYS NOTICE BEFORE YOU EXCAVATE.

SITE PLAN

24"x36" SCALE: 1" = 20'-0"
11"x17" SCALE: 1" = 40'-0"

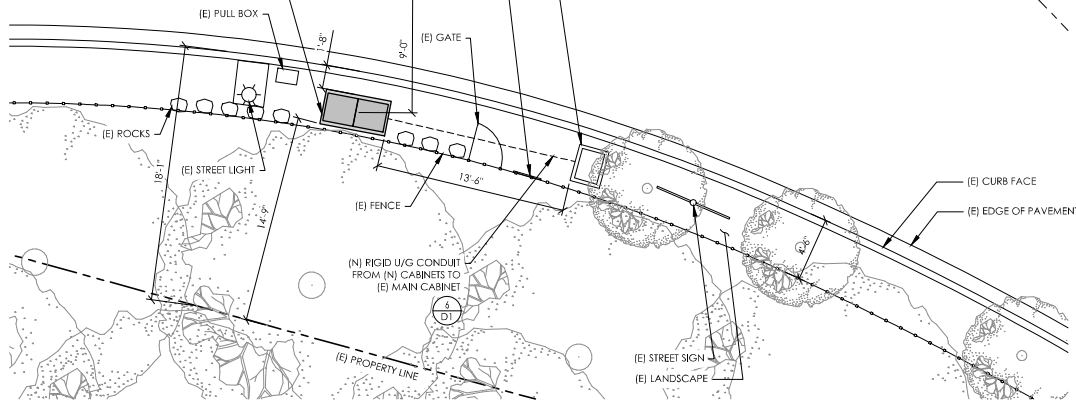
(2)(N) ALPHA PN-4 POWER NODE SYSTEM ENCLOSURES W/ (18) (N) 12V ALPHA 210FTX BATTERIES MOUNTED TO (N) CONCRETE PAD AT GRADE

(E) ENCLOSURE TO REMAIN (E) BATTERIES WITHIN TO BE REMOVED (N) POWER SUPPLY TO BE INSTALLED WITHIN

BELLAGIO ROAD

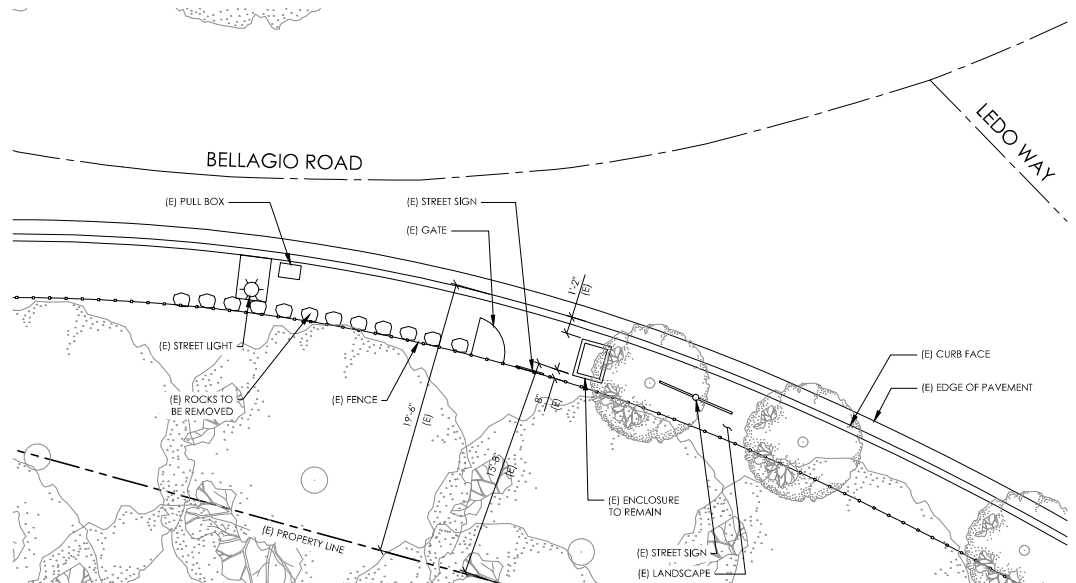
LEDO WAY

PEDESTRIAN PASSAGE DISTANCE NOTE
SINCE THE CABINETS ARE TO BE PLACED IN THE HILLSIDE AREAS THAT MAY NOT HAVE EXISTING SIDEWALK PAVEMENTS, THE APPLICANT CAN INSTALL THE AGF WITH A CONDITION THAT THEY MUST RELOCATE THE AGF AT NO COST TO THE CITY WHEN THERE IS GOING TO BE A NEW SIDEWALK IN THE AREA TO ENSURE THAT THE 4-F' UNOBSTRUCTED DISTANCE IS PROVIDED.



PROPOSED ENLARGED SITE PLAN

24"x36" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"



EXISTING ENLARGED SITE PLAN

24"x36" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"

Charter Spectrum

9200 TOPANGA CANYON BLVD
CHATHAM, CA 91311

alpha
AN ENERGY COMPANY

3767 ALPHA WAY
BELLINGHAM, WA 98226

IS INFRASTRUCTURE

23 MAUCHLY, STE 110
IRVINE, CA 92618

IS PROGRAM ID: ALP-CA-CIVIC
IS PROJECT ID: P-045774

ISSUE STATUS

REV	DATE	DESCRIPTION	BY
A	10/27/21	90% CD	NA
B	11/04/21	90% CD	JA
C	12/08/21	100% CD	KV
D	02/03/22	LA CITY REQ. UPDATE	JK
E	10/07/22	PGC #1	MRA

SEAL



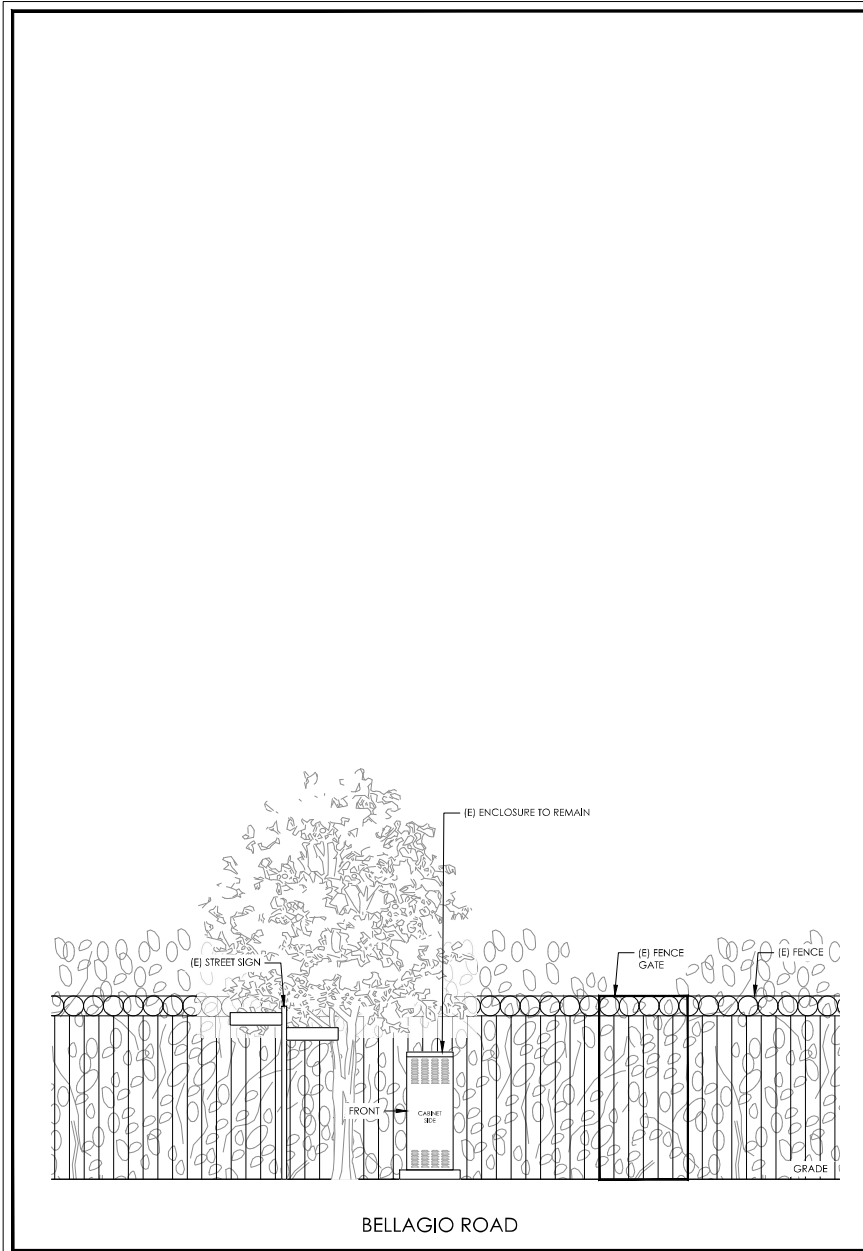
SITE INFORMATION

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AG250_AG250A

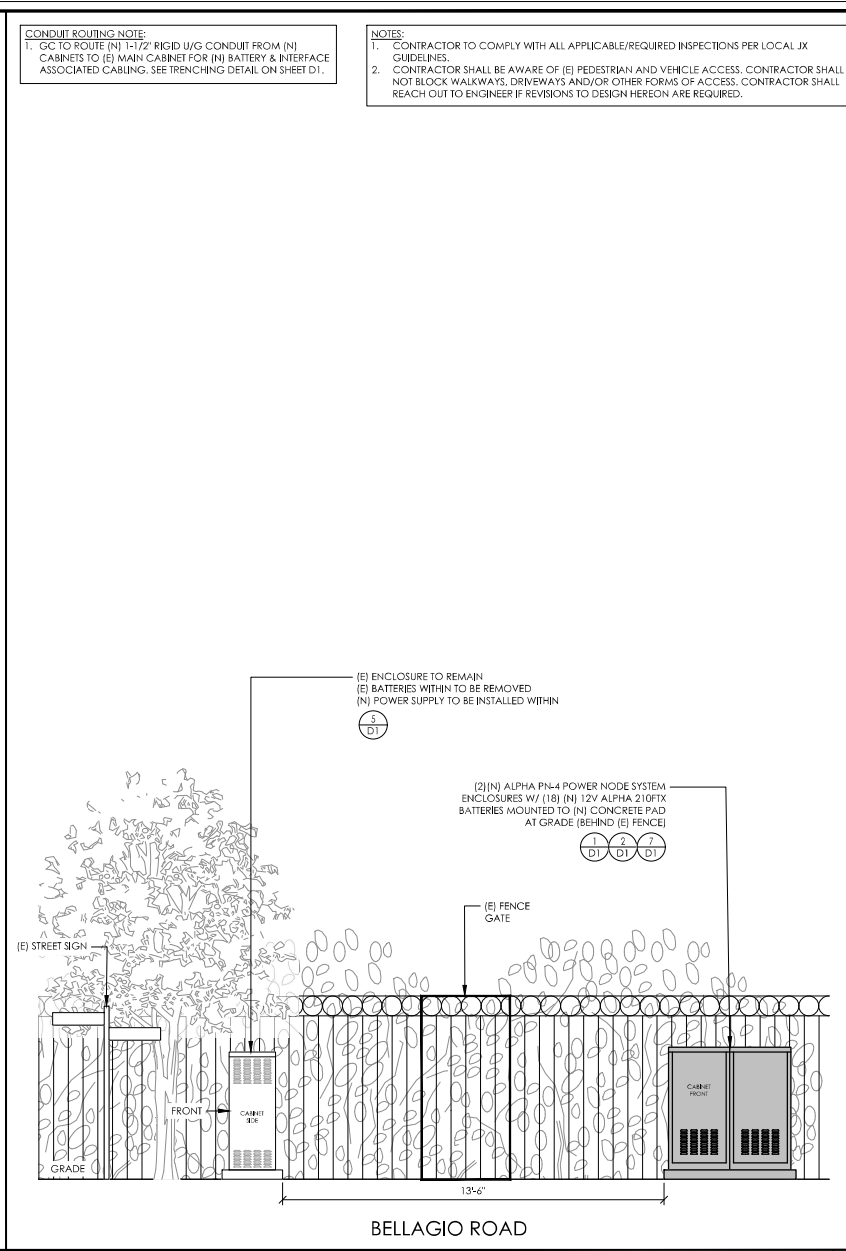
SITE ADDRESS:
777 N LEDO WAY,
LOS ANGELES, CA 90049

SHEET TITLE:
ENLARGED
SITE PLANS

A0



2



1

CONDUIT ROUTING NOTE:
1. GC TO ROUTE (N) 1-1/2" RIGID U/G CONDUIT FROM (N) CABINETS TO (E) MAIN CABINET FOR (N) BATTERY & INTERFACE ASSOCIATED CABLING. SEE TRENCHING DETAIL ON SHEET D1.

NOTES:
1. CONTRACTOR TO COMPLY WITH ALL APPLICABLE/REQUIRED INSPECTIONS PER LOCAL IJC GUIDELINES.
2. CONTRACTOR SHALL BE AWARE OF (E) PEDESTRIAN AND VEHICLE ACCESS. CONTRACTOR SHALL NOT BLOCK WALKWAYS, DRIVEWAYS AND/OR OTHER FORMS OF ACCESS. CONTRACTOR SHALL REACH OUT TO ENGINEER IF REVISIONS TO DESIGN HEREON ARE REQUIRED.

9260 TOPANGA CANYON BLVD
CHATSORTH CA 91311

AN ENERGY COMPANY

3747 ALPHA WAY
BELLINGHAM, WA 98226

23 MAUCHLY, STE 110
IRVINE, CA 92618

IS PROGRAM ID: ALP-CA-CIVIC
IS PROJECT ID: P-065774

ISSUE STATUS			
REV	DATE	DESCRIPTION	BY
A	10/27/21	90% CD	NA
B	11/04/21	90% CD	JA
C	12/08/21	100% CD	KV
D	02/03/22	LA CITY REQ. UPDATE	JK
E	10/07/22	PGC #1	MRA

SEAL

SITE INFORMATION

SITE ID:
AG250_AG250A

SITE ADDRESS:
777 N LEDO WAY,
LOS ANGELES, CA 90049

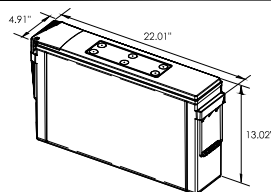
SHEET TITLE:

ELEVATIONS

A1



ALPHA
210 FTX BATTERY UNIT

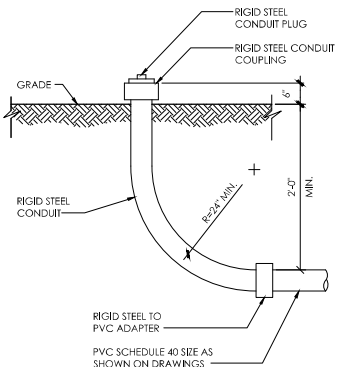


EQUIPMENT SPECIFICATIONS (1 UNIT)	
MFG:	ALPHA
MODEL:	210 FTX
HEIGHT:	13.02 IN
WIDTH:	4.91 IN
LENGTH:	22.01 IN
WEIGHT:	145 LBS

BATTERY INFORMATION (VRLA TYPE BATTERIES)

INSTALL STATUS	BATTERY MODEL	TOTAL # OF BATTERY UNITS INSTALLED	VOLTAGE (V)	AMP-HOURS (AH)	KWh, Kilowatt-hours = (V*AH)/1000	TOTAL BATTERY CAPACITY, KWh	STATIONARY BATTERY STORAGE SYSTEM THRESHOLD QUANTITY, PER CFC 2019 SECTION 1206	STATIONARY BATTERY STORAGE SYSTEM CODE CHECK	TOTAL ELECTROLYTE VOLUME (GALLONS) PER UNIT	TOTAL ELECTROLYTE BY VOLUME (GALLONS) =
PROPOSED	ALPHACELL 210FTX	18	12	210	2.52	45.36			2.1	37.8
TOTAL		18				45.36	70	CFC 2019 SECTION 1206 DOES NOT APPLY		37.8

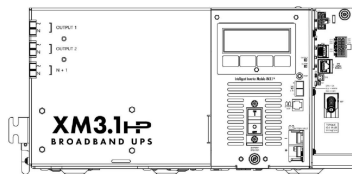
7 BATTERY SPECIFICATIONS
N.T.S.



8 STUB-UP DETAIL
N.T.S.

NOTE:
1. USE MANUFACTURER SUPPLIED MOUNTING HARDWARE.

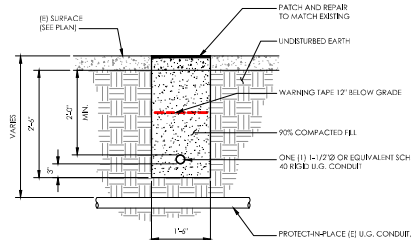
NOMINAL INPUT VOLTAGE: 120V AC
OUTPUT VOLTAGE: 63/89V AC



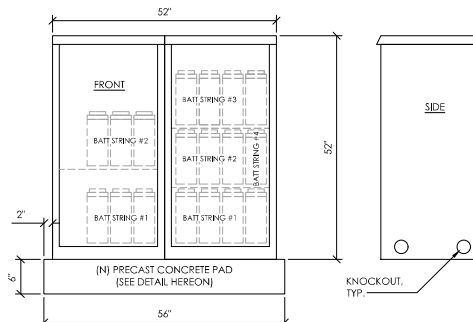
EQUIPMENT SPECIFICATIONS	
MFG:	ALPHA
MODEL:	XM3.1-H
HEIGHT:	7.76 IN
WIDTH:	16.43 IN
DEPTH:	10.57 IN
WEIGHT:	61 LBS

5 POWER SUPPLY DETAIL
N.T.S.

NOTE:
1. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR HAS THE RESPONSIBILITY TO LOCATE ALL EXISTING UTILITIES, CONDUITS WHETHER OR NOT SHOWN ON THE PLANS, AND TO PROTECT THEM FROM DAMAGE.

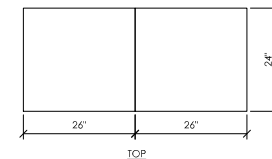


6 TRENCHING DETAIL
N.T.S.

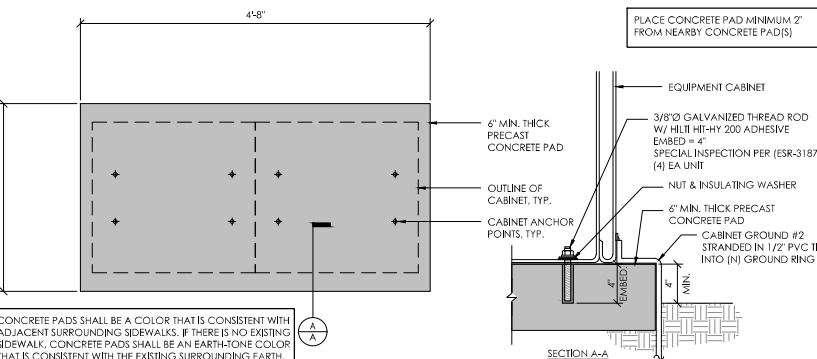


CABINET SPECIFICATIONS

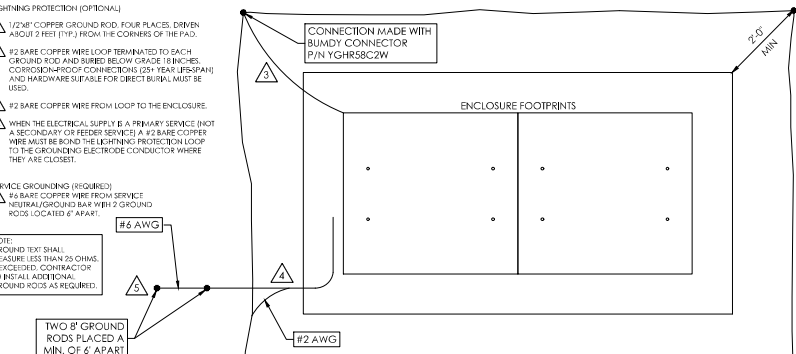
MANUFACTURER:	ALPHA
MODEL:	PN-4
HEIGHT:	52"
WIDTH:	26"
DEPTH:	24"
WEIGHT (EMPTY):	360 LBS.
WEIGHT (W/ BATTERIES):	2,970 LBS.
MATERIAL:	ALUMINUM
BATTERY CONFIGURATION:	
CABINET #1:	(4) BATTERY STRINGS
CABINET #2:	(2) BATTERY STRINGS



1 DUAL EQUIPMENT CABINET DETAIL
N.T.S.



2 CONCRETE PAD & ANCHORAGE DETAIL
N.T.S.



3 GROUNDING DETAIL
N.T.S.



9200 TOPANGA CANYON BLVD
CHATSORTH, CA 91311



3747 ALPHA WAY
BELLINGHAM, WA 98226



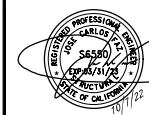
23 MAUCHLY, STE 110
IRVINE, CA 92618

IS PROGRAM ID: ALPCA-C/PVC
IS PROJECT ID: P-0465774

ISSUE STATUS

REV	DATE	DESCRIPTION	BY
A	10/27/21	90% CD	NA
B	11/04/21	90% CD	JA
C	12/08/21	100% CD	KV
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E	10/07/22	PGC #1	MRA

SEAL



SITE INFORMATION

SITE ID:
AG250_AG250A

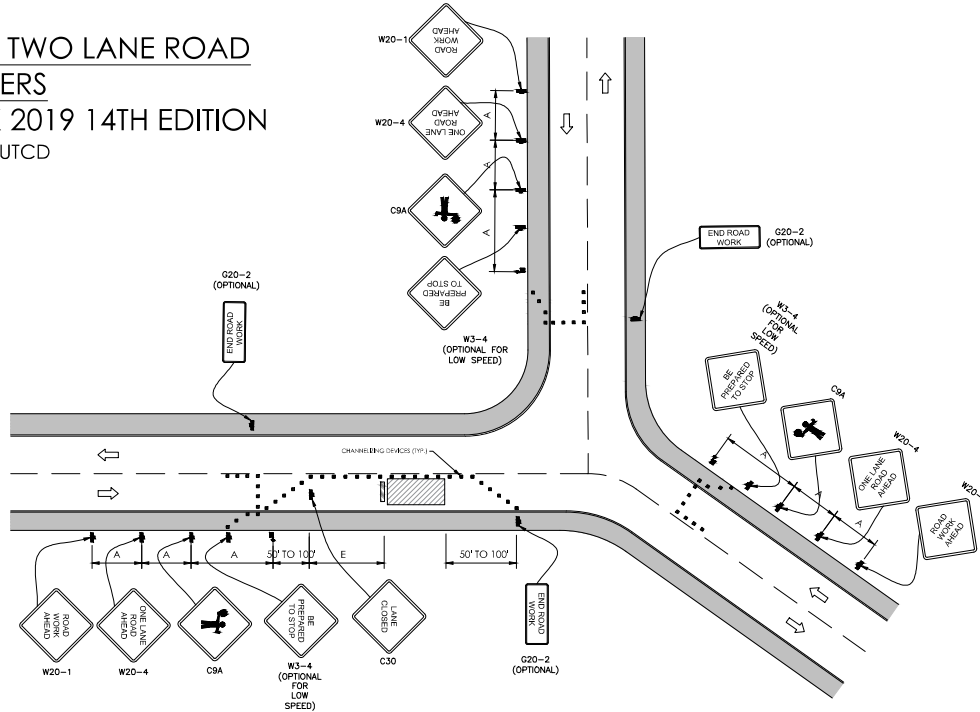
SITE ADDRESS:
777 N LEDO WAY,
LOS ANGELES, CA 90049

SHEET TITLE:

DETAILS

D1

TRAFFIC CONTROL FOR LANE CLOSURE ON TWO LANE ROAD
INTERSECTION USING FLAGGERS
WORK AREA TRAFFIC CONTROL HANDBOOK 2019 14TH EDITION
PER STANDARDS AND GUIDANCE OF CA-MUTCD



WORK HOURS
9:00AM - 3:00PM

GENERAL NOTES:

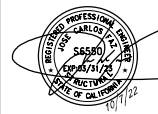
3. ALL WORK AND MATERIALS SHALL COMPLY WITH THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2014 EDITION.
4. ALL STRIPING AND MARKINGS SHALL CONFORM TO THE STATE OF CALIFORNIA 2010 STANDARD PLAN A20A.
5. THE CONTRACTOR SHALL PROVIDE FOR ACCESS TO ALL ADJACENT PROPERTIES.
6. FLASHING YELLOW BEACONS, TYPE "B", SHALL BE USED ON ALL W20-1 SIGNS AND ON ALL TYPE III BARRICADES GUARDING THE WORK OVERNIGHT.
7. ALL SIGNS SHALL BE REFLECTORIZED AND STANDARD SIZE.
8. ALL TUBULAR DELINEATORS AND CONES SHALL BE 28" MINIMUM HEIGHT, REFLECTORIZED AND MAINTAINED ERECT IN THE INDICATED POSITION AT ALL TIMES, AND SHALL BE REPAIRED, REPLACED, OR CLEANED AS NECESSARY TO PRESERVE THEIR APPEARANCE AND CONTINUITY, AND SHALL INCLUDE A 12" HIGH-INTENSITY REFLECTORIZED SLEEVE..
9. THE CONTRACTOR SHALL MAINTAIN, ON A CONTINUOUS BASIS, ALL SIGNS, DELINEATORS, BARRICADES, ETC., TO ENSURE PROPER FLOW AND SAFETY OF TRAFFIC DURING CONSTRUCTION.
10. THE CONTRACTOR SHALL HAVE SIGNS, DELINEATORS, BARRICADES, ETC., PROPERLY INSTALLED PRIOR TO COMMENCING CONSTRUCTION.
11. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER AS TO CAUSE AS LITTLE INCONVENIENCE AS POSSIBLE TO ADJUTING PROPERTY OWNERS.
12. ADDITIONAL TRAFFIC CONTROLS, TRAFFIC SIGNS OR BARRICADING MAY BE REQUIRED IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ANY ADDITIONAL DEVICES NECESSARY TO ASSURE THE SAFETY TO THE PUBLIC AT ALL TIMES DURING CONSTRUCTION.
13. THE EXTENT AND TYPE OF CONSTRUCTION SIGNS SHALL BE DIRECTED BY THE ENGINEER BASED UPON CONSTRUCTION CONDITIONS.
14. MOVE DELINEATORS AND/OR CONES TO SIDEWALK DURING NON-WORKING HOURS. REMOVE BARRICADES ETC., FROM TRAVEL LANE.
15. REMOVE OR TURN OFF SIGNS DURING NON-WORKING HOURS.
16. ALL CONFLICTING LINES, EXISTING CURB PAINT, AND MARKINGS SHALL BE REMOVED BY WET SANDBLASTING OR OTHER APPROVED METHOD PRIOR TO INSTALLATION OF NEW/TEMPORARY STRIPING. ALL CONFLICTING RAISED PAVEMENT MARKERS SHALL BE REMOVED, PAVEMENT THAT IS DAMAGED DUE TO REMOVAL OF MARKERS SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER AND/OR STATE INSPECTOR.
17. DIMENSIONS BASED ON GIS MAPPING DATA AND/OR RECORD DRAWINGS AND NOT A SURVEY.
18. TIME OF LANE CLOSURE TO BE IN ACCORDANCE WITH REQUIREMENTS OF JURISDICTION.
19. ADDITIONAL ADVANCED FLAGGERS MAY BE REQUIRED. FLAGGER SHOULD STAND IN A CONSPICUOUS PLACE, BE VISIBLE TO APPROACHING TRAFFIC, PLACE A MINIMUM OF FOUR CONES AT 40-FT INTERVAL IN ADVANCE OF FLAGGER STATION AS SHOWN.

[illegible]

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SITE INFORMATION

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AG250 AG250A

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777 N LEDO WAY,
LOS ANGELES, CA 90049

SHEET TITLE:

TRAFFIC CONTROL

TC1