

AMENDMENT NO. 1 TO PCS SITE AGREEMENT

This Amendment No. 1 to the PCS Site Agreement (the "First Amendment") is effective as of the date of execution by the last party to sign (the "Effective Date"), by and between County of Nevada, a political subdivision of the State of California ("Landlord"), and SprintCom LLC, a Kansas limited liability company ("Tenant") (each a "Party", or collectively, the "Parties").

Recitals

The parties hereto recite, declare and agree as follows:

A. Landlord and Tenant (or as applicable, their respective predecessors in interest) entered into a Site Lease with Option dated May 11, 2005 (the "Lease"), with respect to the Site located at 980 Helling Way, Nevada City, CA 95959 (Nevada County Assessor's Parcel Number 005-020-018) (the "Property").

B. Landlord and Tenant desire to enter into this First Amendment in order to modify and amend certain provisions of the Lease.

NOW, THEREFORE, in consideration of the mutual covenants and agreements herein contained and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Landlord and Tenant covenant and agree as follows:

1. Landlord hereby grants Tenant the right and consents to Tenant's expansion of the Site and the installation of a power generator as described and depicted in on Exhibit "A-1", which is attached hereto and by this reference incorporated herein, which equipment shall be considered part of the "Site" under the Lease. In Paragraph 1 of the Lease, the word "144 square feet" shall be deleted and replaced with "341.5 square feet."

2. The Parties acknowledge and agree that pursuant to this Second Amendment, the Rent that Tenant pays Landlord will be increased Four Hundred and No/100 Dollars (\$400.00) per month as of the first day of the month following the Effective Date. Thereafter, Rent shall be payable in accordance with the terms of the Lease.

3. Paragraph 17 of the Lease is hereby deleted in its entirety and replaced with the following:

"Tenant shall procure and maintain for the duration of the Lease insurance against claims for injuries to persons or damage to property which may arise from or in connection with Tenant's operations and use for the leased premises. The cost of such insurance shall be borne by the Tenant. Commercial general liability (CGL) coverage shall be at least as broad as Insurance Services Office Form CG 00 01 covering on an "occurrence" basis including products and completed operations, property damage, bodily injury and personal and advertising injury with limits no less than \$1,000,000 per occurrence and \$2,000,000 general aggregate. The Landlord, its officers, officials, and employees are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed or on behalf of the Tenant including materials, parts, or equipment furnished in connection with the such work or operations. General liability coverage can be provided in the form of an endorsement to the Tenant's insurance (at least as broad as ISO Form CG 20 10). For any claims related to this Tenant, the Tenant's insurance coverage shall be primary insurance, with respect to the negligent acts and willful misconduct of Tenant, at least as broad as ISO CG 20 01 04 13 as respects the Landlord, its officers, officials, and employees. Any insurance or self-insurance maintained by the Landlord, its officers, officials, employees, or volunteers shall be excess of the Tenant's insurance and shall not contribute with it, with

T-Mobile Site No: SC70193A
T-Mobile Site Name: Sprint – Site – SF03UB400
Market: Sacramento

respect to the negligent acts and willful misconduct of Tenant. Tenant hereby grants to Landlord a waiver of any right to subrogation which any insurer of said Tenant may acquire against the Landlord by virtue of payment of any loss under such insurance. Tenant agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the Landlord has received a waiver of subrogation endorsement from the insurer. Self-insured retentions must be declared to the Landlord; Tenant shall provide financial guarantee satisfactory to Landlord guaranteeing payment of losses and related investigations, claim administration, and defense expenses; or reduce or eliminate such self-insured retentions. Tenant shall furnish to Landlord original Certificates of Insurance including all required amendatory endorsements (or copies of the applicable policy language effecting coverage required by this clause). However, failure to obtain the required documents prior to the work beginning shall not waive the Tenant’s obligations to provide them.”

4. Except as expressly set forth in this First Amendment, the Lease otherwise is unmodified. To the extent any provision contained in this First Amendment conflicts with the terms of the Lease, the terms and provision of this First Amendment shall control. Each reference in the Lease to itself shall be deemed also to refer to this First Amendment.

5. This First Amendment may be executed in duplicate counterparts, each of which will be deemed an original. Signed electronic copies of this First Amendment will legally bind the Parties to the same extent as originals.

6. Each of the Parties represents and warrants that it has the right, power, legal capacity and authority to enter into and perform its respective obligations under this First Amendment. Landlord represents and warrants to Tenant that the consent or approval of a third party has either been obtained or is not required with respect to the execution of this First Amendment.

IN WITNESS WHEREOF, the parties have executed this First Amendment as of the Effective Date.

Landlord:

Tenant:

County of Nevada, a political subdivision of the State of California

SprintCom LLC, a Kansas limited liability company

By: _____
Name: _____
Title: _____
Date: _____

By: 
17354A79CD98486...
Name: Geri Roper
Title: Director
Date: 11/15/2023



EXHIBIT A-1

Subject to the terms and conditions of this First Amendment, the location of the Site (together with access and utilities) is generally described and depicted as shown below or in the immediately following attachment(s):

However, it is expressly agreed and understood by and between the Landlord and Tenant that the exact and precise location of Tenant's Site is subject to review and approval by the planning and/or zoning Boards having jurisdiction over the "Site".

Notwithstanding anything to the contrary, the specific number and type of equipment described in the Exhibit is for illustrative purposes only and in no way limits Tenant's ability to alter, replace, add to, expand, enhance, modify, supplement, replace, refurbish, relocate or upgrade any such equipment within the Site.

See attachment(s).

T-Mobile

WEST LLC

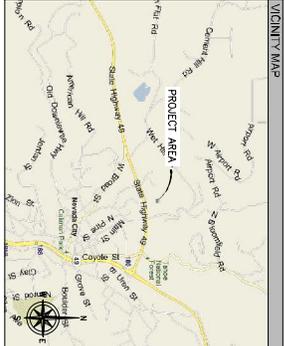
SR222 NEVADA CITY SC70193A GENERATOR PROJECT 980 HELLING WAY NEVADA CITY, CA 95959 NEVADA COUNTY

NOTE: IF DURING CONSTRUCTION OR UTILITY PLACEMENT, ANY CULTURAL RESOURCES ARE ENCOUNTERED OR SUSPECTED, WORK SHALL BE HALTED IMMEDIATELY AND THE PLANNING DEPARTMENT CONTACTED. A PROFESSIONAL DEVELOP APPROPRIATE MANAGEMENT RECOMMENDATIONS FOR ARCHAEOLOGICAL RESOURCE TREATMENT. IF BONES ARE ENCOUNTERED AND APPEAR TO BE HUMAN, THE NEVADA COUNTY CORNER SHALL BE CONTACTED AND, IF NATIVE AMERICAN RESOURCES ARE INVOLVED, NATIVE AMERICAN ORGANIZATIONS AND INDIVIDUALS RECOGNIZED BY THE COUNTY SHALL BE NOTIFIED AND CONSULTED.

SITE DIRECTIONS
DEPART 1755 GREENSIDE OAKS DR, SACRAMENTO, CA 95833 ON GREENSIDE OAKS DR (EAST), TURN RIGHT (NORTH-EAST) ONTO HELLING DR, TURN LEFT (NORTH) ONTO HELLING RD, MAKE RIGHT TURN ON HELLING RD, TURN RIGHT ONTO HELLING RD, MAKE RIGHT TURN LEFT (NORTH) ONTO CA-49, ROAD NAME CHANGES TO CA-20 (CA-49), TURN LEFT (WEST) ONTO CA-49 (79A-DONNER SCENIC BWAY), TURN RIGHT (NORTH) ONTO LOCAL ROAD(S), ARRIVE AT THE EXISTING SITE.

PROJECT DESCRIPTION
THE PROJECT CONSISTS OF INSTALLING (1) 200 AMP GENERAC AUTOMATIC TRANSFER SWITCH, (1) GENERAC 28KW DIESEL GENERATOR, (1) (2) CONCRETE PAD AND ASSOCIATED EQUIPMENT LOCATED WITHIN AN EXISTING CHAN AND CONDUIT. DEVELOPMENT AND CONSTRUCTION OF THIS PROJECT WILL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES. THIS PROJECT DOES NOT INCLUDE WATER OR SEWER. EXISTING PARKING IS NOT AFFECTED BY THIS PROJECT.

PROJECT CONTACTS
APPLICANT:
T-MOBILE WEST, LLC
1755 GREENSIDE OAKS DRIVE
SACRAMENTO, CA 95833
PROPERTY OWNER:
GEN SERVICES
12348 LOMA RICE DR
GRASS VALLEY, CA 95945
PROJECT MANAGER:
T-MOBILE WEST, LLC
1755 GREENSIDE OAKS DRIVE
SACRAMENTO, CA 95833
CONTACT: JIM MORGAN
PHONE: (707) 450-5653



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 - A-1 SITE PLAN NOTES
 - A-2 ENLARGED SITE PLAN
 - A-3 ELECTRICAL DETAILS
 - A-4 ELECTRICAL SIGNAGE
 - A-5 ELECTRICAL DETAILS
 - E-1 GROUNDING DETAILS
 - E-2 ELECTRICAL DETAILS
 - E-3

SITE ACQUISITION:
T-MOBILE WEST, LLC
1755 GREENSIDE OAKS DRIVE
SACRAMENTO, CA 95833
CONTACT: JEFF LENERIT
PHONE: (916) 505-3883
CONSULTING FIRM:
SINGLE SOURCE INC.
2272 SOUTH 183 STREET
SACRAMENTO, CA 95833
CONTACT: JEFFREY VAHTEBERG
PHONE: (925) 910-6030

PROJECT DATA
ZONING: S
APN: 05-020-18
USE: COMMERCIAL
PARENT PARCEL: - ACRES
EXISTING LEASE AREA: - SQ. FT.
JURISDICTION: NEVADA CITY
BUILDING CODES:
2018 CALIFORNIA BUILDING CODE CHANGE SUMMARY (PART 2, VOLUMES 1 & 2)
2018 CALIFORNIA ELECTRICAL CODE CHANGE SUMMARY (PART 2)
2018 CALIFORNIA MECHANICAL CODE CHANGE SUMMARY (PART 4)
2018 CALIFORNIA ELECTRICAL CODE CHANGE SUMMARY (PART 5)
2019 CALIFORNIA FIRE CODE CHANGE SUMMARY (PART 6)
2019 CALIFORNIA DIAPHR CODE CHANGE SUMMARY (PART 9)

GENERAL NOTES
1. THIS WIRELESS TELECOMMUNICATIONS FACILITY WILL MEET THE HEALTH AND SAFETY STANDARDS FOR ELECTROMAGNETIC FIELDS (EMF) AND RADIO FREQUENCY ELECTROMAGNETIC INTERFERENCE (RF-EMFI) AS SET FORTH BY THE FEDERAL COMMUNICATIONS COMMISSION OR ANY SUCCESSOR THEREOF, AND ANY OTHER FEDERAL OR STATE AGENCY.
2. THIS WIRELESS TELECOMMUNICATIONS FACILITY WILL MEET THE REGULATIONS OF THE FEDERAL COMMUNICATIONS COMMISSION REGARDING PHYSICAL AND ELECTROMAGNETIC INTERFERENCE.
3. LICENSING OR SITES WILL BE PROVIDED ONLY AS REQUIRED BY FEDERAL OR STATE AGENCIES.

APPROVALS

T-MOBILE (RF): _____ DATE: _____
T-MOBILE (CONST.): _____ DATE: _____
T-MOBILE (RE): _____ DATE: _____
LANDLORD: _____ DATE: _____

PROJECT INFORMATION AND DATA

SHEET NUMBER
T-1

PREPARED FOR:

WEST LLC

1755 GREENSIDE OAKS DRIVE
SACRAMENTO, CA 95833

CONSULTING FIRM

2272 SOUTH 183 STREET
SACRAMENTO, CA 95833
PHONE: 925-910-6030 FAX: 925-279-1271

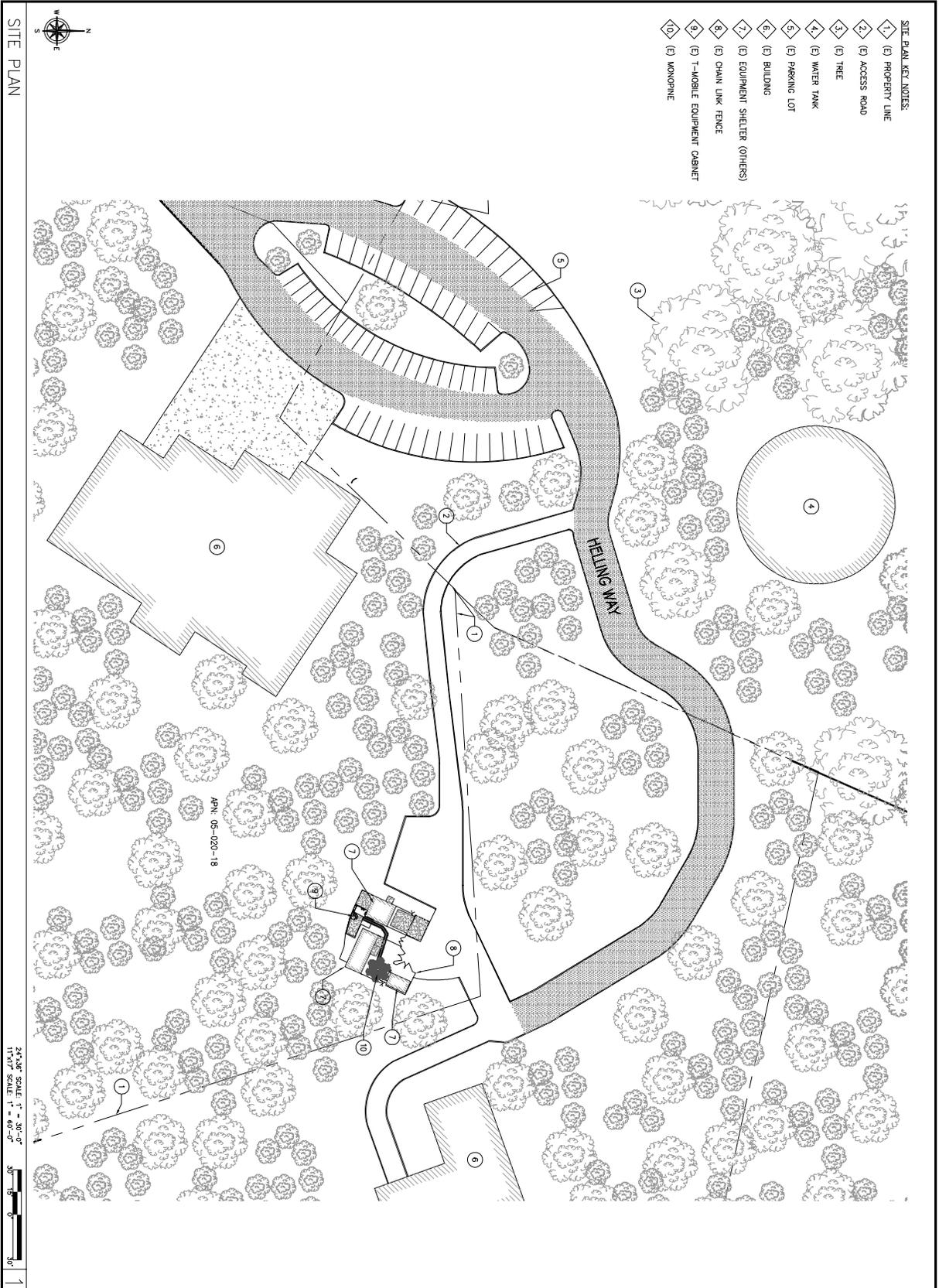
PROJECT NO.	0000
DRWN BY:	CH
CHECKED BY:	CH

REV	DATE	DESCRIPTION
0	12/14/20	ISSUE FOR SUBMITTAL
1	4/04/21	ISSUE FOR REVIEW



SR222 NEVADA CITY
SC70193A

980 HELLING WAY
NEVADA CITY, CA 95959
NEVADA COUNTY



- SITE PLAN KEY NOTES:**
- 1 (C) PROPERTY LINE
 - 2 (C) ACCESS ROAD
 - 3 (C) TREE
 - 4 (C) WATER TANK
 - 5 (C) PARKING LOT
 - 6 (C) BUILDING
 - 7 (C) EQUIPMENT SHELTER (OTHERS)
 - 8 (C) CHAIN LINK FENCE
 - 9 (C) T-MOBILE EQUIPMENT CABINET
 - 10 (C) MONOPINE

24"x36" SCALE 1" = 30'-0"
 11"x17" SCALE 1" = 60'-0"

SHEET NUMBER
A-1

SHEET TITLE
SITE PLAN

SR222 NEVADA CITY
SC701933A
 680 HELLING WAY
 NEVADA CITY, CA 95959
 WENASH COUNTY



REV	DATE	DESCRIPTION
0	12/14/20	ISSUE FOR SUBMITTAL
A	4/04/21	ISSUE FOR REVIEW

PROJECT NO: 0000
 DRAWN BY: CH
 CHECKED BY: CH

22972 SOUTH 183 STREET,
 SCARSDALE, NY 11750
 PHONE: 802-910-4930 FAX: 484-279-1271

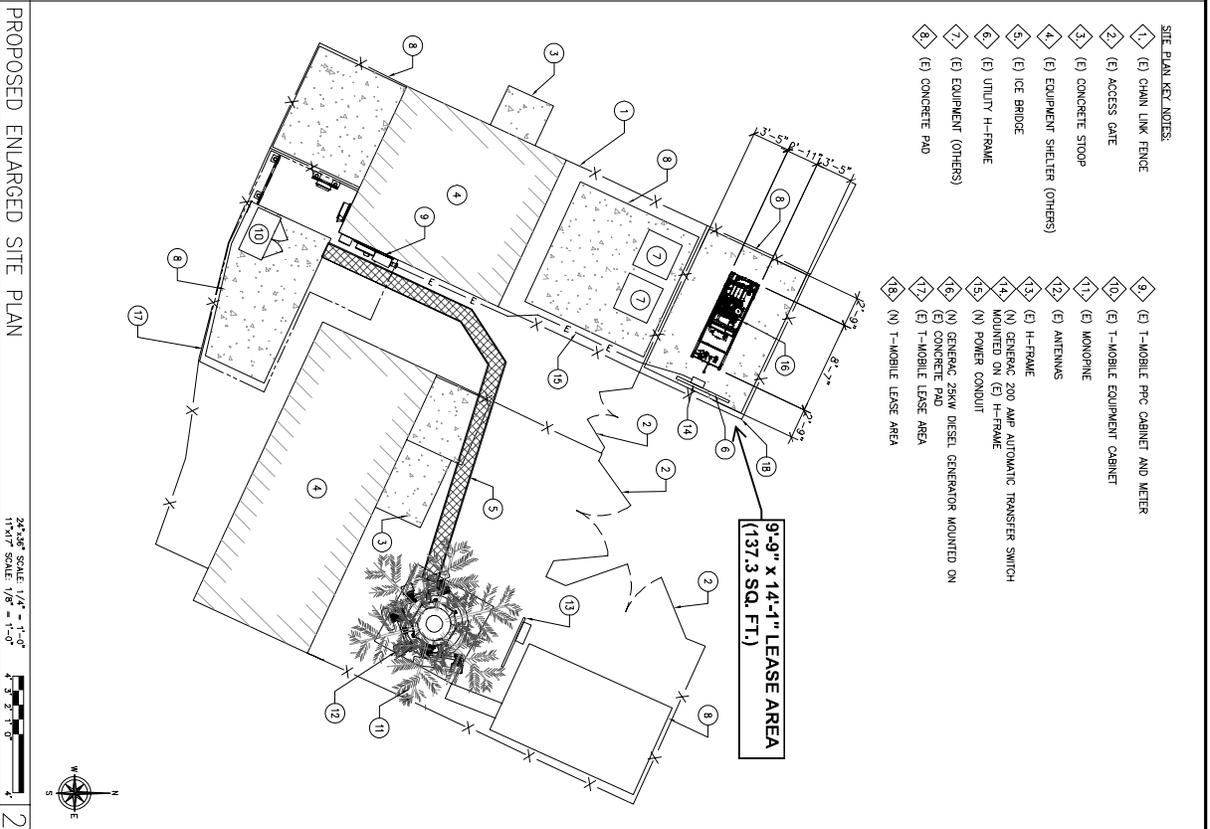


PREPARED FOR:

 WEST LLC
 1755 OPERATOR OAK DRIVE
 SCARSDALE, NY 11750



- SITE PLAN KEY NOTES:**
- 1 (E) CHAIN LINK FENCE
 - 2 (E) ACCESS GATE
 - 3 (E) CONCRETE STOOP
 - 4 (E) EQUIPMENT SHELTER (OTHERS)
 - 5 (E) ICE BRIDGE
 - 6 (E) UTILITY H-FRAME
 - 7 (E) EQUIPMENT (OTHERS)
 - 8 (E) CONCRETE PAD
 - 9 (E) T-MOBILE PPOC CABINET AND METER
 - 10 (E) T-MOBILE EQUIPMENT CABINET
 - 11 (E) MONOPINE
 - 12 (E) ANTENNAS
 - 13 (E) H-FRAME GC TO REMOVE (E) TELCO BOX
 - 14 (E) EQUIPMENT CABINET TO BE REMOVED
 - 15 (E) T-MOBILE LEASE AREA



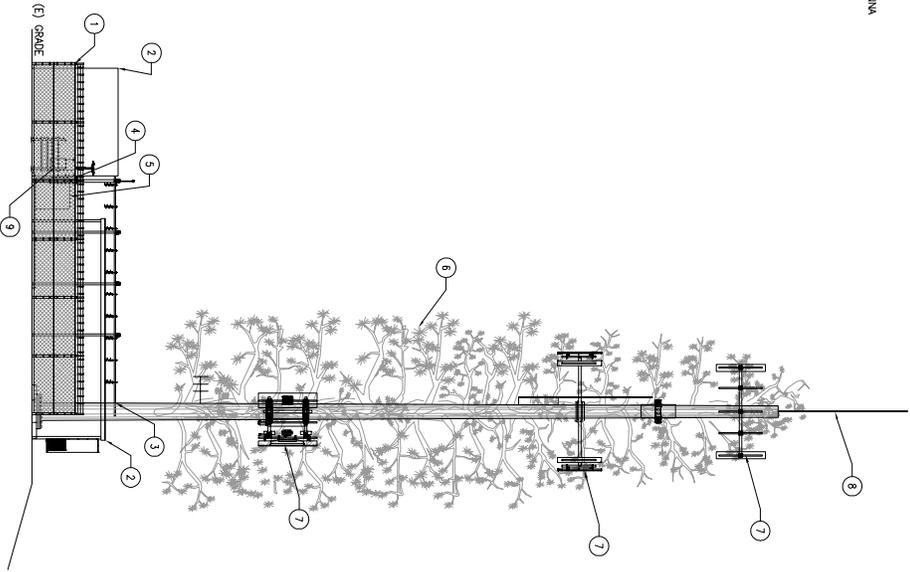
- SITE PLAN KEY NOTES:**
- 1 (E) CHAIN LINK FENCE
 - 2 (E) ACCESS GATE
 - 3 (E) CONCRETE STOOP
 - 4 (E) EQUIPMENT SHELTER (OTHERS)
 - 5 (E) ICE BRIDGE
 - 6 (E) UTILITY H-FRAME
 - 7 (E) EQUIPMENT (OTHERS)
 - 8 (E) CONCRETE PAD
 - 9 (E) T-MOBILE PPOC CABINET AND METER
 - 10 (E) T-MOBILE EQUIPMENT CABINET
 - 11 (E) MONOPINE
 - 12 (E) ANTENNAS
 - 13 (E) H-FRAME
 - 14 (N) GENERIC 200 AMP AUTOMATIC TRANSFER SWITCH MOUNTED ON (E) H-FRAME
 - 15 (N) POWER CONDUIT
 - 16 (N) GENERIC 25KW DIESEL GENERATOR MOUNTED ON (E) CONCRETE PAD
 - 17 (E) T-MOBILE LEASE AREA
 - 18 (N) T-MOBILE LEASE AREA

**9'-9" x 14'-1" LEASE AREA
(137.3 SQ. FT.)**

 1799 ORCHARD OAKS DRIVE SACRAMENTO, CA 95833	 29972 SOUTH 183 STREET SUITE 200 WEST VALLEY, AZ 85141 PHONE: 602-510-4000 FAX: 480-279-1271	PREPARED FOR: SR222 NEVADA CITY SC701933A 680 HELLING WAY NEVADA CITY, CA 95959 NEVADA COUNTY	SHEET NUMBER A-2	SHEET TITLE ENLARGED SITE PLAN
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- SITE PLAN KEY NOTES:**
- 1 (E) CHAIN LINK FENCE
 - 2 (E) EQUIPMENT SHELTER (OTHERS)
 - 3 (E) ICE BRIDGE
 - 4 (E) T-MOBILE PPO CABINET AND METER
 - 5 (E) T-MOBILE EQUIPMENT CABINET
 - 6 (E) MONOPINE
 - 7 (E) ANTENNAS
 - 8 (E) OMNI ANTENNA

9 (E) H-FRAME GC TO REMOVE (E) TELCO BOX



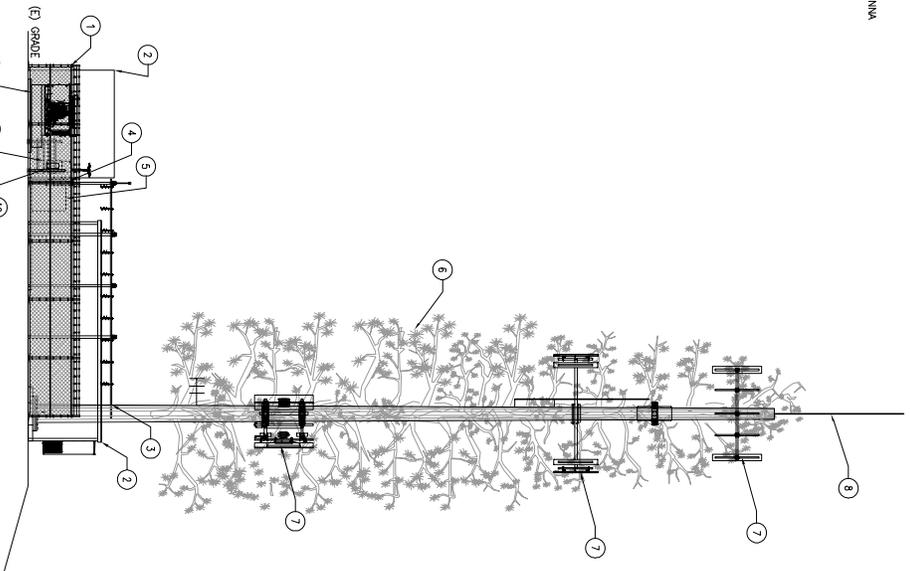
EXISTING SOUTHEAST ELEVATION

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

1

- SITE PLAN KEY NOTES:**
- 1 (E) CHAIN LINK FENCE
 - 2 (E) EQUIPMENT SHELTER (OTHERS)
 - 3 (E) ICE BRIDGE
 - 4 (E) T-MOBILE PPO CABINET AND METER
 - 5 (E) T-MOBILE EQUIPMENT CABINET
 - 6 (E) MONOPINE
 - 7 (E) ANTENNAS
 - 8 (E) OMNI ANTENNA

9 (E) H-FRAME
10 (N) GENERAC 200 AMP AUTOMATIC TRANSFER SWITCH MOUNTED ON (E) H-FRAME (BEYOND)
11 (N) GENERAC 25KW DIESEL GENERATOR MOUNTED ON (E) CONCRETE PAD (BEYOND)



PROPOSED SOUTHEAST ELEVATION

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

2

PREPARED FOR:

Mobile
WEST, LLC

1795 OREGONITE OAKS DRIVE
SCARSDALE, NY 11583

CONSULTING FIRM

SINGLE SOURCE

22972 SOUTH 183 STREET
MESA, AZ 85208
PHONE: 602-510-8000 FAX: 480-279-1271

PROJECT NO: 0000
DRAWN BY: CH
CHECKED BY: CH

REV	DATE	DESCRIPTION
0	12/14/20	ISSUE FOR SUBMITTAL
1	4/04/21	ISSUE FOR REVIEW



SR222 NEVADA CITY
SC701932A

660 HELLING WAY
NEVADA CITY, CA 95959
NEVADA COUNTY

SHEET TITLE
ELEVATIONS

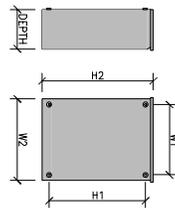
SHEET NUMBER
A-3

SPECIFICATIONS

MODEL	RSC2200A3
AMPS	200
VOLTAGE	120/240, 1ø
LOAD TRANSITION TYPE	OPEN TRANSITION
LOAD TRANSITION AUTOMATIC	YES
ENCLOSURE TYPE	NEMA/UL 3R
UL LISTING	UL/CUL

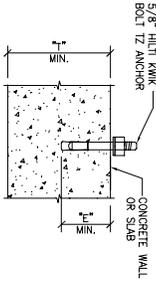
DIMENSIONS

MODEL	RSC2200A3
HEIGHT (H1) (IN/MM)	17.24/437.9
HEIGHT (H2) (IN/MM)	20/508
WIDTH (W1) (IN/MM)	12.5/317.5
WIDTH (W2) (IN/MM)	14.6/370.8
DEPTH (D) (IN/MM)	7.09/180.1
WEIGHT (LBS./KGS)	20/9.07



GENERAC 200 AMP AUTOMATIC TRANSFER SWITCH

SCALE: 2
N/S



ANCHOR SCHEDULE

ROD DIAMETER	3/8"	1/2"	5/8"	3/4"
MIN. EMBEDMENT	2"	3-1/4"	3-1/8"	4"
MIN. EDGE DISTANCE	4"	4"	5"	6"
MIN. EDGE THICKNESS	2-1/2"	3-1/4"	2-3/8"	4-1/4"
PULLOUT STRENGTH (CONCRETE)	2340 LBS	N/A	3180 LBS	5460 LBS
PULLOUT STRENGTH (MASONRY)	N/A	N/A	N/A	8110 LBS

ANCHOR SCHEDULE NOTE:
ANCHOR SCHEDULE TABLE IS IN ACCORDANCE WITH: CC REPORT ESR-1917

HILTI KWIK BOLT TZ ANCHOR

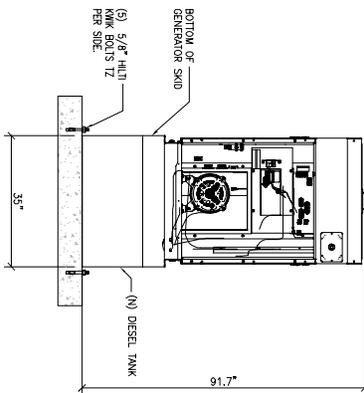
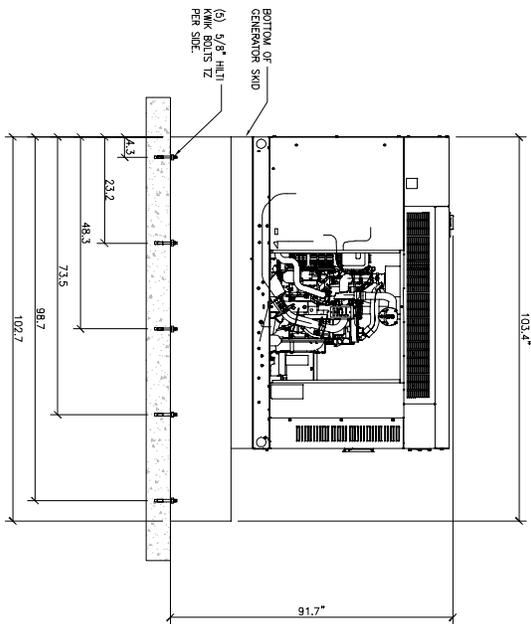
SCALE: 3
N/S

NOTES:

- SUBSTITUTION OF A HILTI KWIK BOLT TZ ANCHOR WITH OTHER MANUFACTURERS IS NOT ALLOWED WITHOUT THE WRITTEN APPROVAL OF THIS ENGINEERING PRIOR TO INSTALLATION. THE CONTRACTOR SHALL BEAR THE ENTIRE COST OF REPLACEMENT OF NON-APPROVED ANCHORS.
- THE CONTRACTOR SHALL ACQUIRELY LOCATE ALL EXISTING REINFORCING BY X-RAY OR EQUIVALENT METHOD. NO REBAR OR TENDONS SHALL BE CUT. ALL TENDONS SHALL BE ENTIRELY AT THE EXPENSE OF THE CONTRACTOR.
- SPECIAL INSPECTION IS REQUIRED FOR INSTALLATION OF ANCHORS.
- INSTALLATION OF CONCRETE ANCHORS IN MASONRY IS NOT ALLOWED.
- USE STAINLESS STEEL FOR EXPOSED APPLICATIONS.
- NORMAL-WEIGHT AND SAND-WEIGHT CONCRETE MUST CONFORM TO SECTIONS 1909 AND 1909 OF THE B.C.C.

GENERAC 25KW DIESEL GENERATOR

SCALE: 1
N/S



LEVEL 2 SOUND ATTENUATION ENCLOSURE
 RUN TIME HOURS: 98
 SOUND ATTENUATION (dBA): 103.4 X 35 X 91.7
 WEIGHT lbs (with skid): 2,161
 SOUND LEVEL: 65 dBA

PREPARED FOR:

 1755 OREGONITE OAKS DRIVE
 SCARLETT, GA 30583

CONSULTING FIRM:

 22972 SOUTH 183 STREET
 SUITE 200
 WEST VALLEY, GA 30087
 PHONE: 867-910-8830 FAX: 867-279-1271

PROJECT NO:	0009
DESIGNER:	CH
CHECKED BY:	CH

REV	DATE	DESCRIPTION
0	12/14/20	ISSUE FOR SUBMITTAL
1	4/04/20	ISSUE FOR REVIEW



SR222 NEVADA CITY
SC701932A
 660 HELLING WAY
 NEVADA CITY, CA 95959
 NEVADA COUNTY

SHEET NUMBER
A-4

DETAILS

GENERATOR SIGNAGE

1. ALL SIGNS SHALL BE UV-RESISTANT FOR OUTDOOR USE.
2. ALL SIGNS SHALL HAVE A MINIMUM 5-YEAR GUARANTEE WITHOUT SHOWING ANY SIGNS OF FAING OR DEGRADATION.
3. ALL SIGNS SHALL HAVE ROUNDED CORNERS WITH PRE-DRILLED HOLES AND WEATHER PROOF PRESSURE SENSITIVE ADHESIVE BACKING FOR MOUNTING.
4. ALL SIGNS SHALL BE PROVIDED PER THEIR SPECIFIC MOUNTING REQUIREMENTS AND SHALL BE SUBJECT TO SIZE RESTRAINTS OR LANDLORD DEMANDS.

GENERAL SIGNAGE NOTES

**NO SMOKING
OR OPEN
FLAMES WITHIN
25 FEET**

SIGN REQUIREMENTS:
MATERIAL - 3/16" X 1/2" X 11" GALVAL THICK WHITE PLASTIC
COLOR AND LETTERING - PER ASHA 1020.145
REGULATIONS OF ACCIDENT PREVENTION SIGNS AND TAGS
MOUNTING - VERIFY MOUNTING LOCATION WITH LOCAL FIRE INSPECTOR

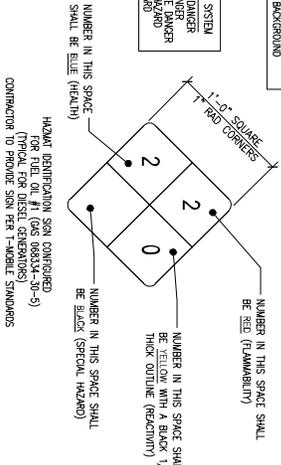
DANGER SIGNAGE

TANK SIGNAGE SPECIFICATIONS

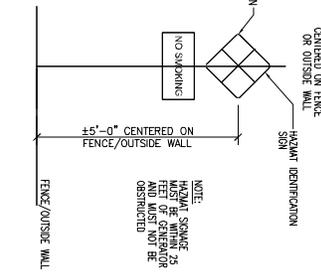
- PROPORTIONS:
1. FONT SIZE USED: NUMBERS-HELVETICA BOLD EXTENDED LETTERS-HELVETICA BOLD BT
 2. NUMBERS SHALL BE A MINIMUM OF 3-1/2" HIGH WITH 11/16" STROKE WIDTH
 3. LETTERING FOR WHITE SPECIAL HAZARD BOX: ONE LINE - 1-1/4" HIGH WITH 9/16" STROKE WIDTH THREE LINES - 1-1/2" HIGH WITH 7/16" STROKE WIDTH
 4. NUMBERS AND LETTERS ARRANGED BY COLOR AS SHOWN ABOVE.
 5. SIGN SHALL BE POSTED AT LOCATION APPROVED BY THE CITY'S FIRE DEPARTMENT

SIGN MATERIAL:
1/8" THICK ALUMINUM SHEET WITH WHITE BACKGROUND AND BLACK LETTERING

NUMBERING SYSTEM:
1-EGGET DANGER
2-ADVERTISE DANGER
3-HIGH DANGER
0-NON HAZARDOUS



TANK SIGNAGE



HAZMAT SIGNAGE

1

PREPARED FOR:
Mobile
WEST LLC
1795 OREGONITE OAKS DRIVE
SCARBOROUGH, CA 95833

CONSULTING FIRM
SINGLE SOURCE
22872 SOUTH 183 STREET
MESA, AZ 85204
PHONE: 602-940-6800 FAX: 480-279-1271

PROJECT NO: 0000
DRAWN BY: CH
CHECKED BY: CH

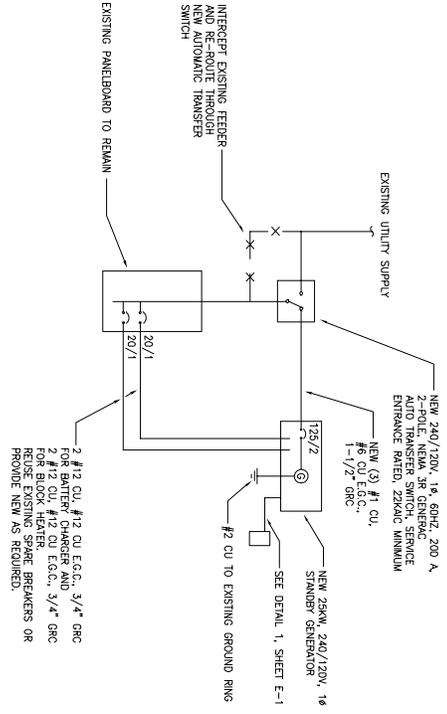
REV	DATE	DESCRIPTION
0	12/14/20	ISSUE FOR SUBMITTAL
1	4/04/21	ISSUE FOR REVIEW



SR222 NEVADA CITY
SC701932A
683 HELWIG WAY
NEVADA CITY, CA 95959
NEVADA COUNTY

SHEET NUMBER
A-5
GENERATOR SIGNAGE

- NOTES:
1. SUBCONTRACTOR SHALL FIELD VERIFY, WITHIN THE SCOPE OF WORK, THAT ALL EXISTING CONDUITS, CONDUITORS, CONDUIT SIZES, AND ELECTRICAL EQUIPMENT/RINGS ARE INSTALLED PER NEC AND LOCAL AUTHORITIES HAVING JURISDICTION.
 2. FOR COMPLETE INTERNAL WIRING AND ARRANGEMENT REFER TO DRAWINGS PROVIDED BY EQUIPMENT MANUFACTURERS.
 3. PROVIDE SIGNS AT SERVICE ENTRANCE EQUIPMENT AS REQUIRED BY NEC ARTICLE 702.2 INDICATING SITE HAS ON-SITE AUTOMATIC STANDBY GENERATOR.
 4. THIS SITE IS NOT REQUIRED BY A DETERMINING AGENCY TO BE A LEGALLY REQUIRED SYSTEM.
 5. THE PROPOSED STANDBY GENERATOR IS NOT A SEPARATELY-GENERATED POWER SYSTEM.
 6. THE GENERATOR SITE HAS BEEN SPECIFIED BY THE CLIENT, THE CLIENT SHALL BE SOLELY RESPONSIBLE FOR ASSURING THAT THE LOAD APPLIED TO THE GENERATOR IS WITHIN THE GENERATOR'S RATING.
 7. THE CONTRACTOR SHALL VERIFY THE AVAILABLE FAULT CURRENT WITH THE SERVING UTILITY AND SHALL USE THAT DATA TO CALCULATE THE AVAILABLE FAULT CURRENT AT THE AUTOMATIC TRANSFER SWITCH. THE AUTOMATIC TRANSFER SWITCH SHALL BE SIZABLE FOR USE AT THE CALCULATED FAULT CURRENT.

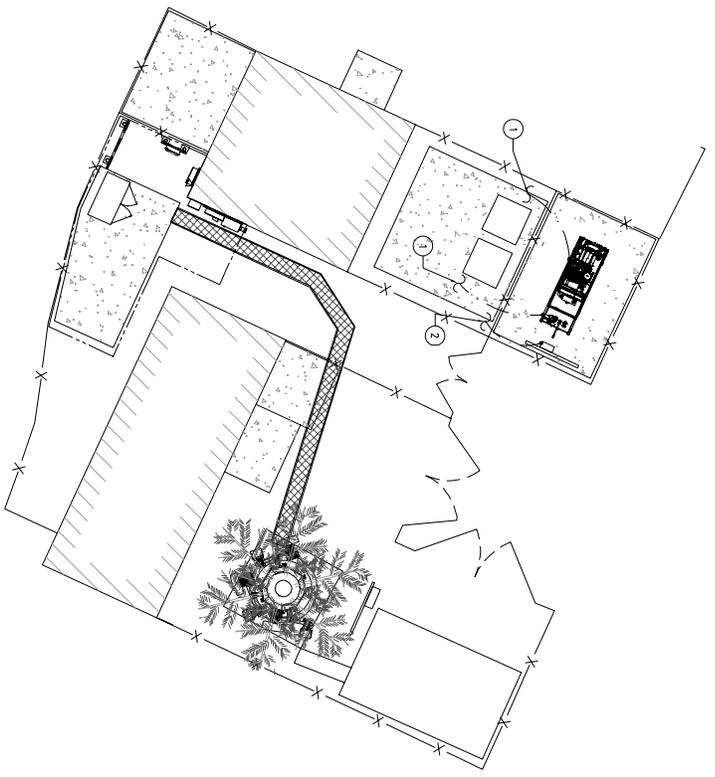


STANDBY GENERATOR SINGLE-LINE DIAGRAM

25KW STANDBY GENERATOR SINGLE-LINE DIAGRAM

- SITE PLAN KEY NOTES:
- ① (N) GENERAC 25KW DIESEL GENERATOR
 - ② (N) GENERAC 200 AMP AUTOMATIC TRANSFER SWITCH
 - ③ (N) GENERAC 200 AMP AUTOMATIC TRANSFER SWITCH
 - ④ (N) GENERAC 200 AMP AUTOMATIC TRANSFER SWITCH

NOTE:
CONNECTION TO FIELD VERIFY LOCATION OF (3) EQUIPMENT GROUND RING



GROUNDING PLAN

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

1

PREPARED FOR:

1795 ORCHARD OAKS DRIVE
SCARSDALE, CA 95833

CONSULTING FIRM

22872 SOUTH 183 STREET
MESA, AZ 85205
PHONE: 602-940-6800 FAX: 480-279-1271

PROJECT NO: 0000
DRAWN BY: CH
CHECKED BY: CH

REV	DATE	DESCRIPTION
0	12/14/20	ISSUE FOR SUBMITTAL
1	4/09/20	ISSUE FOR REVIEW

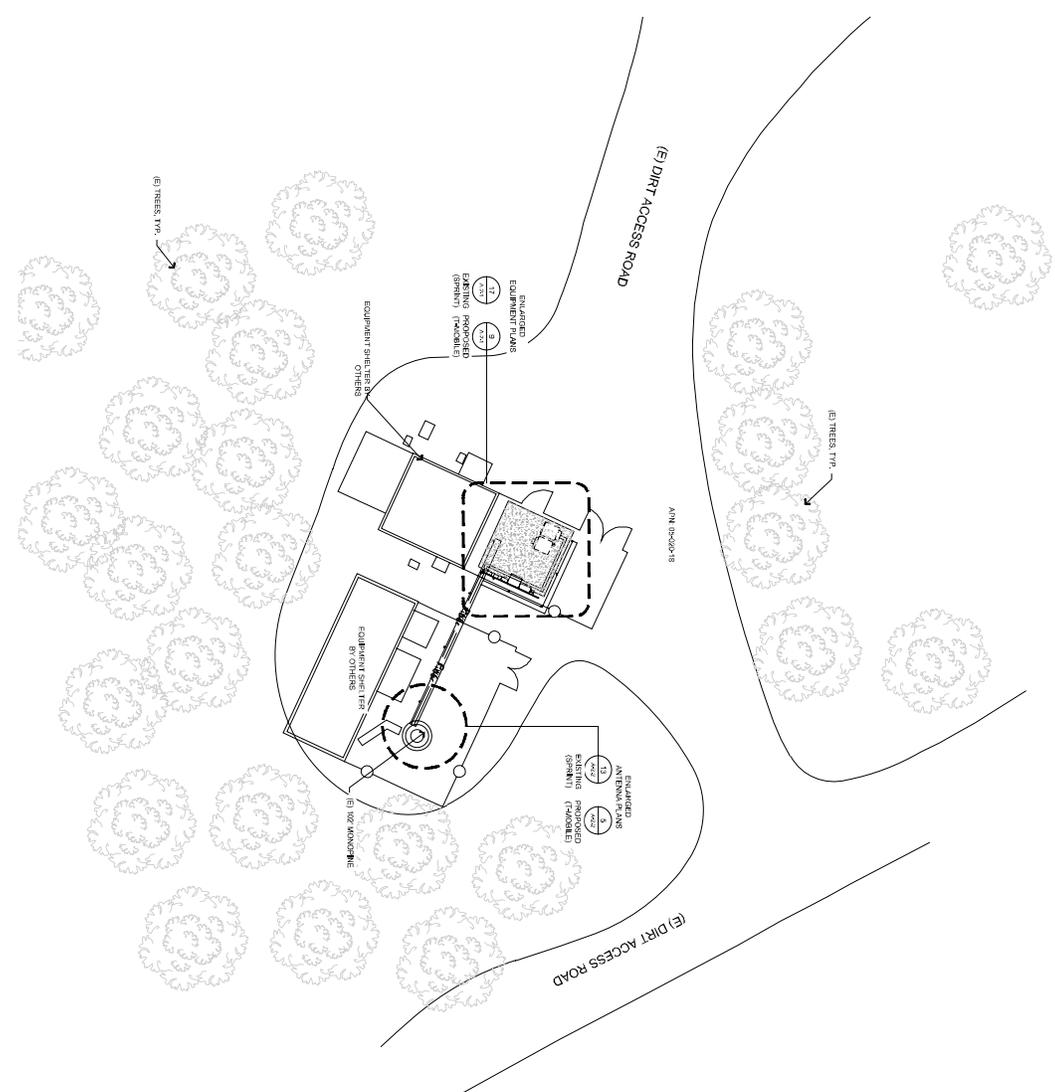


SR222 NEVADA CITY
SC701933A
680 HELLING WAY
NEVADA CITY, CA 95959
NEVADA COUNTY

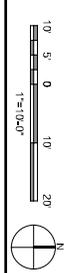
SHEET TITLE
GROUNDING
DETAILS

SHEET NUMBER
E-2

17
17195
SITE PLAN



THIS IS NOT A SITE SURVEY
 ALL PROPERTY BOUNDARIES, ORIENTATION OF THE NORTH AND STREET FACILITIES HAVE BEEN OBTAINED FROM EXISTING DRAWINGS AND ARE APPROXIMATE.



T-Mobile
 1855 CALIFORNIA BLVD, 2ND FLOOR
 COSTA MESA, CA 92626

PRECISION
 5098 FOOTBALL BLVD, SITE 4-119
 ROSELAND, CA 95077

Sprint

Borges
 borgesca.com
 10100 VILLAGE PARK DRIVE, SUITE 1300
 IRVINE, CA 92618
 949.262.2828 TEL
 949.262.2828 FAX

PROJECT NO: 121506-16
 DRAWN BY: JMM
 CHECKED BY: RES

2	07/18/21	100% CD SUBMITTAL
1	05/11/21	50% CD SUBMITTAL
0	05/11/21	50% CD SUBMITTAL
NO	DATE	DESCRIPTION

07/16/21
 100% CDS

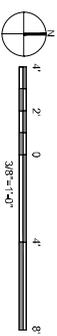
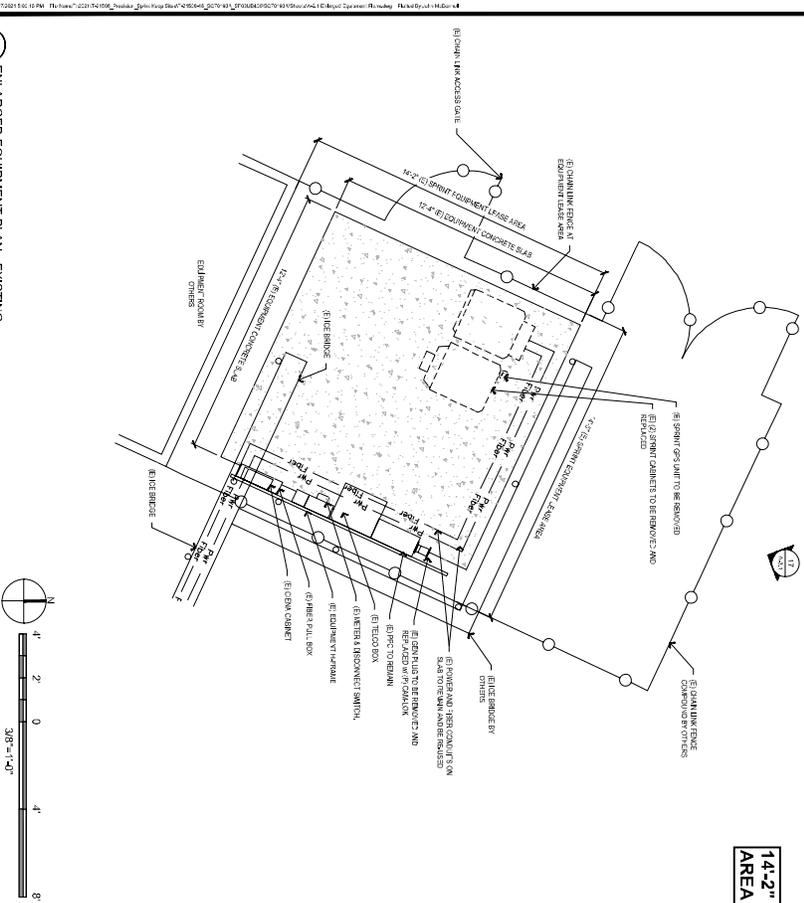
STATE OF CALIFORNIA
 PROFESSIONAL ENGINEER
 LICENSE NO. 50817
 NEWKIDNEY, CA 95959

SC70193A
 950 HELL HOLLOW
 NEWKIDNEY, CA 95959

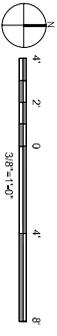
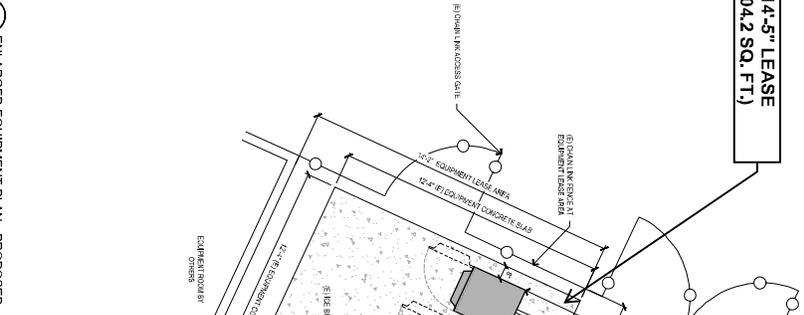
SHEET TITLE
 OVERALL SITE PLAN

SHEET NUMBER
A-1

17 ENLARGED EQUIPMENT PLAN - EXISTING

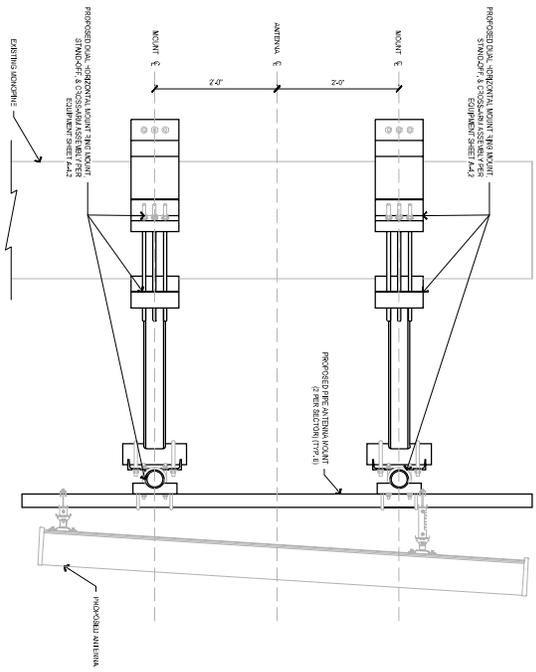


9 ENLARGED EQUIPMENT PLAN - PROPOSED

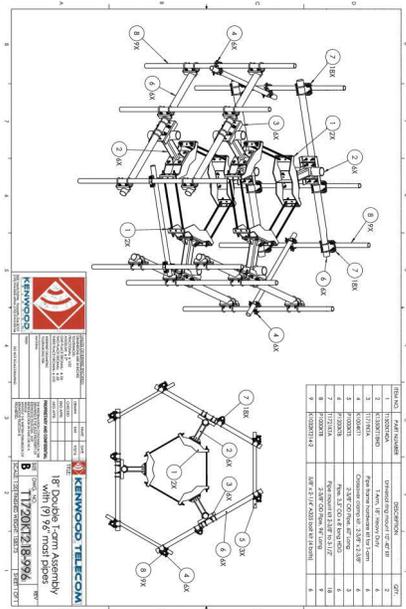


<p>1855 GARDEN PARK SOUTH CANTONMENT, CA 95020</p>	<p>8698 FOOTBALLS BLVD, STE 2116 ROSEVILLE, CA 95747</p>		<p>borgesarch.com 1421 SOUTH 16 DRAVIN BLVD JAN CHECKED BY: RES</p>	<p>PROJECT NO: 1421S04-16 DRAWN BY: JMH CHECKED BY: RES</p>	<p>07/16/21 100% CDS</p>	<p>SC70193A 900 ARDEN AVENUE NEWPORT CITY, CA 95959</p>	<p>SHEET TITLE ENLARGED EQUIPMENT PLANS SHEET NUMBER A-2.1</p>
--	--	--	---	---	------------------------------	---	--

13 PROPOSED SECTOR MOUNT
1" = 1'-0"



5 PROPOSED TRISECTOR ANTENNA MOUNT AND SUPPORT MOUNT
1/8" = 1'-0"



8088 FOOTHILLS BLVD. STE 119
ROSBELLE, CA 95747

borgeseda.com
1814 17TH AVE. SUITE 300
SAN FRANCISCO, CA 94116
415.778.2028
415.778.2029

PROJECT NO: 141500-H6
DRAWN BY: JMW
CHECKED BY: RES

07/16/21
100% CDS

SC701933A
8088 FOOTHILLS BLVD.
ROSBELLE, CA 95747

SHEET TITLE
EQUIPMENT
DETAILS

SHEET NUMBER
A-4.2



The NSB RED battery delivers long life for grid conditions.

- Pure lead AGM technology delivers long life for grid conditions
- 15 year float life at 20°C (68°F)
- 2 year shelf life at 25°C (77°F)
- ELDEBAT™ design life addition very long life (12+ years)
- High modulus polyethylene (HDPE) plastic housing for superior strength
- 40°C to -40°C (-104°F to -40°F) temperature range
- State-of-the-art advanced manufacturing process
- 100% recycled (except for the lead)
- ISO 9001 certified
- ISO 14001 certified
- ISO 45001 certified
- Approved as non-hazardous cargo for ground, sea and air transport (DOT 49 CFR 173.185(a) (9) (ii))

CONSTANT VOLTAGE CHARGERS ARE RECOMMENDED. RECOMMENDED FLOAT VOLTAGE @ 20°C (68°F): 2.25V PER CELL

NSB 210FT RED

Nominal Technical Specifications

Dimensions	Height	Width	Depth
	1210 mm	1060 mm	420 mm
	47 25/32 in	41 15/16 in	16 13/16 in

Electrical	Capacity (kWh @ 25°C)	Capacity (kWh @ 20°C)	Capacity (kWh @ 15°C)
Standard	120 kWh	120 kWh	120 kWh
Standard (with 12V)	120 kWh	120 kWh	120 kWh
Standard (with 24V)	120 kWh	120 kWh	120 kWh
Standard (with 48V)	120 kWh	120 kWh	120 kWh
Standard (with 96V)	120 kWh	120 kWh	120 kWh
Standard (with 192V)	120 kWh	120 kWh	120 kWh
Standard (with 384V)	120 kWh	120 kWh	120 kWh
Standard (with 768V)	120 kWh	120 kWh	120 kWh
Standard (with 1536V)	120 kWh	120 kWh	120 kWh
Standard (with 3072V)	120 kWh	120 kWh	120 kWh
Standard (with 6144V)	120 kWh	120 kWh	120 kWh
Standard (with 12288V)	120 kWh	120 kWh	120 kWh
Standard (with 24576V)	120 kWh	120 kWh	120 kWh
Standard (with 49152V)	120 kWh	120 kWh	120 kWh
Standard (with 98304V)	120 kWh	120 kWh	120 kWh
Standard (with 196608V)	120 kWh	120 kWh	120 kWh
Standard (with 393216V)	120 kWh	120 kWh	120 kWh
Standard (with 786432V)	120 kWh	120 kWh	120 kWh
Standard (with 1572864V)	120 kWh	120 kWh	120 kWh
Standard (with 3145728V)	120 kWh	120 kWh	120 kWh
Standard (with 6291456V)	120 kWh	120 kWh	120 kWh
Standard (with 12582912V)	120 kWh	120 kWh	120 kWh
Standard (with 25165824V)	120 kWh	120 kWh	120 kWh
Standard (with 50331648V)	120 kWh	120 kWh	120 kWh
Standard (with 100663296V)	120 kWh	120 kWh	120 kWh
Standard (with 201326592V)	120 kWh	120 kWh	120 kWh
Standard (with 402653184V)	120 kWh	120 kWh	120 kWh
Standard (with 805306368V)	120 kWh	120 kWh	120 kWh
Standard (with 1610612736V)	120 kWh	120 kWh	120 kWh
Standard (with 3221225472V)	120 kWh	120 kWh	120 kWh
Standard (with 6442450944V)	120 kWh	120 kWh	120 kWh
Standard (with 12884901888V)	120 kWh	120 kWh	120 kWh
Standard (with 25769803776V)	120 kWh	120 kWh	120 kWh
Standard (with 51539607552V)	120 kWh	120 kWh	120 kWh
Standard (with 103079215104V)	120 kWh	120 kWh	120 kWh
Standard (with 206158430208V)	120 kWh	120 kWh	120 kWh
Standard (with 412316860416V)	120 kWh	120 kWh	120 kWh
Standard (with 824633720832V)	120 kWh	120 kWh	120 kWh
Standard (with 1649267441664V)	120 kWh	120 kWh	120 kWh
Standard (with 3298534883328V)	120 kWh	120 kWh	120 kWh
Standard (with 6597069766656V)	120 kWh	120 kWh	120 kWh
Standard (with 13194139533312V)	120 kWh	120 kWh	120 kWh
Standard (with 26388279066624V)	120 kWh	120 kWh	120 kWh
Standard (with 52776558133248V)	120 kWh	120 kWh	120 kWh
Standard (with 105553116266496V)	120 kWh	120 kWh	120 kWh
Standard (with 211106232532992V)	120 kWh	120 kWh	120 kWh
Standard (with 422212465065984V)	120 kWh	120 kWh	120 kWh
Standard (with 844424930131968V)	120 kWh	120 kWh	120 kWh
Standard (with 1688849860273936V)	120 kWh	120 kWh	120 kWh
Standard (with 3377699720547872V)	120 kWh	120 kWh	120 kWh
Standard (with 6755399441095744V)	120 kWh	120 kWh	120 kWh
Standard (with 13510798882191488V)	120 kWh	120 kWh	120 kWh
Standard (with 27021597763982976V)	120 kWh	120 kWh	120 kWh
Standard (with 54043195527965952V)	120 kWh	120 kWh	120 kWh
Standard (with 108086391059319904V)	120 kWh	120 kWh	120 kWh
Standard (with 216172782118639808V)	120 kWh	120 kWh	120 kWh
Standard (with 432345564237279616V)	120 kWh	120 kWh	120 kWh
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Standard (with 7083549727571715484544V)	120 kWh	120 kWh	120 kWh
Standard (with 1416709945144342969088V)	120 kWh	120 kWh	120 kWh
Standard (with 28334198902886859381776V)	120 kWh	120 kWh	120 kWh
Standard (with 56668397805773718763552V)	120 kWh	120 kWh	120 kWh
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Standard (with 226673591231088750646608V)	120 kWh	120 kWh	120 kWh
Standard (with 453347182462177501313216V)	120 kWh	120 kWh	120 kWh
Standard (with 906694364924353002626432V)	120 kWh	120 kWh	120 kWh
Standard (with 1813388729848706005252864V)	120 kWh	120 kWh	120 kWh
Standard (with 3626777459697412010505728V)	120 kWh	120 kWh	120 kWh
Standard (with 72535549193948240210011456V)	120 kWh	120 kWh	120 kWh
Standard (with 145071082379896484420228112V)	120 kWh	120 kWh	120 kWh
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Standard (with 580284329519585937680912448V)	120 kWh	120 kWh	120 kWh
Standard (with 1160568659039171175360184896V)	120 kWh	120 kWh	120 kWh
Standard (with 232113731807834230720369792V)	120 kWh	120 kWh	120 kWh
Standard (with 464227463615668461440739584V)	120 kWh	120 kWh	120 kWh
Standard (with 92845492723133692288147167168V)	120 kWh	120 kWh	120 kWh
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Standard (with 371381970892534731550726666672V)	120 kWh	120 kWh	120 kWh
Standard (with 742763941785069463100145333344V)	120 kWh	120 kWh	120 kWh
Standard (with 1485527823770138126220028666688V)	120 kWh	120 kWh	120 kWh
Standard (with 2971055647540276244440057333376V)	120 kWh	120 kWh	120 kWh
Standard (with 5942111295080552488880114666752V)	120 kWh	120 kWh	120 kWh
Standard (with 1188422259016104977776283332912V)	120 kWh	120 kWh	120 kWh
Standard (with 2376844518032209955555366665824V)	120 kWh	120 kWh	120 kWh
Standard (with 47536890360644199111111333316448V)	120 kWh	120 kWh	120 kWh
Standard (with 95073780721288398222222666628896V)	120 kWh	120 kWh	120 kWh
Standard (with 19014756144577679644444533345792V)	120 kWh	120 kWh	120 kWh
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Standard (with 2492301901288620222222363584002048V)	120 kWh	120 kWh	120 kWh
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Standard (with 836277244272444844448145575377764V)	120 kWh	120 kWh	120 kWh
Standard (with 1672554885448889688896291507555528V)	120 kWh	120 kWh	120 kWh
Standard (with 33451097709777793777941815111156V)	120 kWh	120 kWh	120 kWh
Standard (with 669021954195555875559830222222112V)	120 kWh	120 kWh	120 kWh
Standard (with 1338043908391111751119664444224224V)	120 kWh	120 kWh	120 kWh
Standard (with 2676087816782223502239328888448448V)	120 kWh	120 kWh	120 kWh
Standard (with 5352175633564447004478657777896896V)	120 kWh	120 kWh	120 kWh
Standard (with 10704351271128940089573735557937936V)	120 kWh	120 kWh	120 kWh
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Standard (with 4281740508451576035909494222222216V)	120 kWh	120 kWh	120 kWh
Standard (with 8563481016903152119818888884444432V)	120 kWh	120 kWh	120 kWh
Standard (with 1712696233800630437777777888888864V)	120 kWh	120 kWh	120 kWh
Standard (with 3425392467601260875555555777777728V)	120 kWh	120 kWh	120 kWh
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Standard (with 1370156966440504302222402222222216V)	120 kWh	120 kWh	120 kWh
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Standard (with 5480627865762017208888968888888864V)	120 kWh	120 kWh	120 kWh
Standard (with 1096125531524034417777777777777728V)	120 kWh	120 kWh	120 kWh
Standard (with 2192251063048068835555555555555552V)	120 kWh	120 kWh	120 kWh
Standard (with 4384502126096137711119111111111116V)	120 kWh	120 kWh	120 kWh
Standard (with 8769004253192275422224222222222232V)	120 kWh	120 kWh	120 kWh
Standard (with 1753800850384455084444844444444464V)	120 kWh	12	

Intersect Cam Lok Connector Enclosure for Engine Generators

With Cam Lok-Style Connectors – up to 200 A



The Intersect Cam Lok (CTL) enclosure enclose commonly used generator connections – alternating, non-pulsating, non-synchronous and slip. The panels are sized to the new IEC 1000 Tripart Switch Tower (also Standard). Their 10 x 24 inch circuit rating is appropriate for new and retrofit applications without requiring any shunting changes or derating of 10 kVA, rated emergency power systems. Each enclosure features Cam Lok-style connectors in an outdoor Type 3R enclosure. The CTL enclosure may be ordered with a unique thermal occupancy for warning alarm and auto-stop features of an engine generator set.

Connect or disconnect Cam Lok-style connectors without tools – just a 1/8" flat screwdriver. High-pressure contact with mechanical retention: driven to provide optimal electrical and mechanical retention to ensure proper operation, even under the most extreme conditions. The CTL enclosure features a stainless steel exterior and a powder-coated interior which will withstand a peeling force of 1,000 lbs.

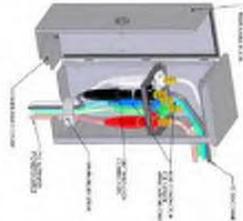
Cam Lok-style connectors are single-pole plugs and receptacles, insulated for maximum integrity and safety. Male and female connectors provide finished, recessed contacts. The finishers are made from corrosion-resistant materials, with five different colors providing clear, easy phase identification.

Male and female connectors are designed for safety. With no moving contact surfaces, there is no arcing or sparking. Electrically isolated handles extend past the ends of the connectors, ensuring safety of personnel. The design is important to vibration, preventing inadvertent disconnections.

The outdoor powder-coated aluminum enclosure is lightweight and corrosion resistant. Handles slip into each CTL to ensure a watertight seal whether the enclosure is wall-mounted. High-pressure screws, or installed as a retrofit in shelves or cabinets. The gasket has mounting points that match the standard mounting points for generator receptacles. For retrofit simply select the appropriate panel from the product handbook or data book. The CTL enclosure is designed for the door to open left-to-right. A right-hand enclosure may be specified if space limitations or an H-frame or cabinet configuration are better suited for the CTL door to open right.

For a quotation, contact Intersect at sales@intersect.com.

Intersect, Inc.
Quality products. Premium customer care. Inexpensive solutions.



General Data

Enclosure dimensions (H x W x D)
14 1/2" x 17 1/2" x 36 1/2" inches
Maximum mounting panel size (H x W)
14 1/2" x 17 1/2" inches
Weight
17 lbs (approx.)
ETL
UL 3000, 50 Hz, 1000V, 200 amps
UL 1910E1
UL 1910E2
UL 1910E3
UL 1910E4
UL 1910E5
UL 1910E6
UL 1910E7
UL 1910E8
UL 1910E9
UL 1910E10
UL 1910E11
UL 1910E12
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UL 1910E95
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UL 1910E97
UL 1910E98
UL 1910E99
UL 1910E100

End-user
UL Type 3R marine enclosure
UL 1910E1
UL 1910E2
UL 1910E3
UL 1910E4
UL 1910E5
UL 1910E6
UL 1910E7
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UL 3000, 50 Hz, 1000V, 200 amps
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Cam Lok-Style Connectors

UL 3000, 50 Hz, 1000V, 200 amps
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Series Number	Product Configuration
UL 1910E1	UL 1910E1 (UL 1910E1 and E)
UL 1910E2	UL 1910E2 (UL 1910E2 and E)
UL 1910E3	UL 1910E3 (UL 1910E3 and E)
UL 1910E4	UL 1910E4 (UL 1910E4 and E)
UL 1910E5	UL 1910E5 (UL 1910E5 and E)
UL 1910E6	UL 1910E6 (UL 1910E6 and E)
UL 1910E7	UL 1910E7 (UL 1910E7 and E)
UL 1910E8	UL 1910E8 (UL 1910E8 and E)
UL 1910E9	UL 1910E9 (UL 1910E9 and E)
UL 1910E10	UL 1910E10 (UL 1910E10 and E)
UL 1910E11	UL 1910E11 (UL 1910E11 and E)
UL 1910E12	UL 1910E12 (UL 1910E12 and E)
UL 1910E13	UL 1910E13 (UL 1910E13 and E)
UL 1910E14	UL 1910E14 (UL 1910E14 and E)
UL 1910E15	UL 1910E15 (UL 1910E15 and E)
UL 1910E16	UL 1910E16 (UL 1910E16 and E)
UL 1910E17	UL 1910E17 (UL 1910E17 and E)
UL 1910E18	UL 1910E18 (UL 1910E18 and E)
UL 1910E19	UL 1910E19 (UL 1910E19 and E)
UL 1910E20	UL 1910E20 (UL 1910E20 and E)
UL 1910E21	UL 1910E21 (UL 1910E21 and E)
UL 1910E22	UL 1910E22 (UL 1910E22 and E)
UL 1910E23	UL 1910E23 (UL 1910E23 and E)
UL 1910E24	UL 1910E24 (UL 1910E24 and E)
UL 1910E25	UL 1910E25 (UL 1910E25 and E)
UL 1910E26	UL 1910E26 (UL 1910E26 and E)
UL 1910E27	UL 1910E27 (UL 1910E27 and E)
UL 1910E28	UL 1910E28 (UL 1910E28 and E)
UL 1910E29	UL 1910E29 (UL 1910E29 and E)
UL 1910E30	UL 1910E30 (UL 1910E30 and E)
UL 1910E31	UL 1910E31 (UL 1910E31 and E)
UL 1910E32	UL 1910E32 (UL 1910E32 and E)
UL 1910E33	UL 1910E33 (UL 1910E33 and E)
UL 1910E34	UL 1910E34 (UL 1910E34 and E)
UL 1910E35	UL 1910E35 (UL 1910E35 and E)
UL 1910E36	UL 1910E36 (UL 1910E36 and E)
UL 1910E37	UL 1910E37 (UL 1910E37 and E)
UL 1910E38	UL 1910E38 (UL 1910E38 and E)
UL 1910E39	UL 1910E39 (UL 1910E39 and E)
UL 1910E40	UL 1910E40 (UL 1910E40 and E)
UL 1910E41	UL 191

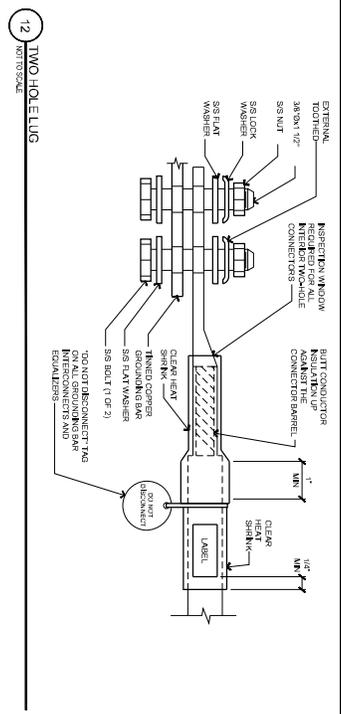
CADWELD CONNECTIONS OR APPROVED EQUAL	BUNDY CONNECTIONS OR APPROVED EQUAL
<p>PARALLEL HORIZONTAL CABLES THROUGH CONNECTION OF HORIZONTAL CABLES TYPE #1</p>	<p>BOND LUGS FIELD-FERRED GREEN FIELD-FERRED GREEN TYPE #2-1/2</p>
<p>VERTICAL STEEL SURFACE TO FLAT STEEL SURFACE ON HORIZONTAL CABLES TYPE #3</p>	<p>COPPER LUGS TWO HOLE - LONG BARREL LENGTH TYPE #4,2</p>
<p>VERTICAL PIPE CABLE DOWN AT TOP OF RANGE OF TYPE #4</p>	

TYPICAL CADWELD TYPE CONNECTIONS
NOT TO SCALE

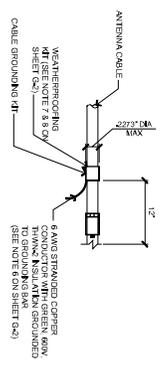
- ### GROUNDING NOTES
- ALL ELECTRICAL AND GROUNDING AT THE CELL SITE SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AND THE NATIONAL ELECTRICAL CODE (NEC) NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AND THE NATIONAL ELECTRICAL CODE (NEC) NATIONAL FIRE PROTECTION ASSOCIATION (NFPA).
 - THE GROUNDING SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AND THE NATIONAL ELECTRICAL CODE (NEC) NATIONAL FIRE PROTECTION ASSOCIATION (NFPA).
 - EXOTHERMIC WELDING IS RECOMMENDED FOR GROUNDING CONNECTIONS WHERE PRACTICAL. OTHERWISE, THE CONNECTION SHALL BE MADE USING COMPRESSION TYPE HOLES, LONG BARREL LUGS OR DOUBLE CLAMP "C" CLAMP. THE COPPER CABLES SHALL BE RECOMMENDED ON THE BOLT ASSEMBLY TO SECURE CONNECTIONS SHALL BE FOLLOWED.
 - THE ANTENNA CABLES SHALL BE GROUNDING AT THE TOP AND BOTTOM OF THE VERTICAL RUN FOR LIGHTNING PROTECTION. THE ANTENNA TO BE GROUND TO THE GROUNDING SYSTEM AT THE TOP AND BOTTOM OF THE VERTICAL RUN FOR LIGHTNING PROTECTION. THE ANTENNA CABLE SHALL BE GROUNDING JUST BEFORE ENTERING THE CELL CABINET. ANY ANTENNA CABLES OVER 200 FEET IN LENGTH SHALL ALSO BE EQUIPPED WITH AN ANTENNA GROUNDING KIT (AGK).
 - ALL GROUNDING CONDUCTORS SHALL BE BUNDLED IN A CONDUIT OR RACEWAY SYSTEM AND SHALL BE INSTALLED AS RECOMMENDED BY THE MANUFACTURER. THE CONDUIT OR RACEWAY SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AND THE NATIONAL ELECTRICAL CODE (NEC) NATIONAL FIRE PROTECTION ASSOCIATION (NFPA).
 - GROUNDING CONDUCTORS SHALL BE INSTALLED THROUGH THE BUILDING WALLS AND/OR CEILING.
 - INSTALL GROUND BUSHINGS ON ALL METALLIC CONDUCTORS AND BOND TO THE EQUIPMENT GROUND BUS IN THE PANEL BOARD.
 - GROUND ANTENNA BASES, FRAMES, CABLE FRAMES AND OTHER METALLIC COMPONENTS WITH ALL GROUNDING CONDUCTORS AND CONNECT TO INSULATED SURFACE MOUNTED GROUND BUSH CONNECTIONS SHALL FOLLOW MANUFACTURER'S SPECIFICATIONS FOR GROUNDING.
 - ALL PROPOSED GROUNDING CONDUCTORS SHALL BE ROUTED AND CONNECTED TO THE MAIN GROUND BARS OR EXISTING GROUNDING.

GROUNDING LEGEND

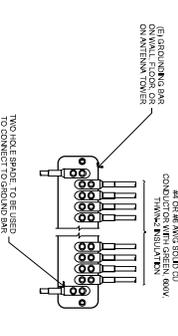
- Existing grounding
- CADWELD CONNECTION (EXOTHERMIC WELD)
- ▲ MECHANICAL CONNECTION
- ⊗ GROUND ROD



12 TWO HOLE LUG
NOT TO SCALE



11 CONNECTION OF GROUNDING KIT TO ANTENNA CABLE
NOT TO SCALE



10 GROUNDING CONDUCTOR TO GROUNDING BAR
NOT TO SCALE

- CONNECTIONS TO EXISTING OR NEW GROUNDING SHALL BE MADE BY THE FOLLOWING METHODS:
- EACH SECTION (1/2", 3/4", 1" WITH 1/4" HIGH LETTERS).
- ALL HARDWARE SHALL BE STAINLESS STEEL, INCLUDING LOCK WASHERS, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE USE.
- STEEL COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE USE.
- NUTS & WASHERS SHALL BE PLACED ON THE FRONT SIDE OF THE GROUNDING BAR AND BOLTS ON THE BACK SIDE. INSTALL BACK WASHERS ON THE REAR SIDE OF THE GROUNDING BAR.
- 600 VOLT INSULATION ON ALL GROUNDING TERMINATIONS; THE INTENTS TO WEATHERPROOF THE CONNECTIONS.
- GROUNDING KIT SHALL BE THE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.
- WEATHERPROOFING SHALL BE THE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.
- GROUND RESISTANCE NOT TO EXCEED 5 OHMS.
- WHEN THE SCOPE OF WORK INCLUDES THE ADDITION OF A GROUNDING BAR TO AN EXISTING TOWER, THE SUBCONTRACTOR SHALL OBTAIN APPROVAL FROM THE TOWER OWNER BEFORE TO MOUNTING THE GROUNDING BAR TO THE TOWER.
- EXTEND TWO (2) AWG THIN WIRE CONDUCTOR FROM BUNDLED GROUNDING RINGS AND CONNECT TO THE PROPOSED TOWER, FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR GROUNDING CONNECTIONS TO THE TOWER, (WIRE IS TO BE KEPT TO NEW TOWERS ONLY.)
- NUMBER OF GROUNDING BARS SHALL BE DETERMINED BY THE TYPE OF TOWER ANTENNA CONFIGURATION AND CONNECTION CAPABILITY.
- ANTENNA CABLES SHALL BE GROUNDING AT THE TOP AND BOTTOM OF THE VERTICAL RUN FOR LIGHTNING PROTECTION.

5 GROUNDING NOTES
NOT TO SCALE

Mobile
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8088 ROOFTOPS BLVD. STE 3-119
ROSELIE, CA 95747

Sprint

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800.762.2000
www.borgesinc.com

PROJECT NO.: 141506-H6
DRAWN BY: JMW
CHECKED BY: RES

2/07/16Z1 - 100% CD SHEET 1E
0/05/17Z1 - 50% CD SHEET 1A
NO. DATE REVISION

07/16/21
100% CDS

SC70193A
9000 W. BAYVIEW
NEWPORT, CA 95959

SHEET TITLE
GROUNDING NOTES & DETAILS
SHEET NUMBER
G-1