



at&t

AT&T SITE NUMBER: CCL06435
AT&T SITE NAME: VERIZON COLOCATION

1350 BENNETT VALLEY RD.
SANTA ROSA, CA 95404
JURISDICTION: SONOMA COUNTY
APN: 009-371-010

SITE TYPE: WALK-UP-CABINET /
VERIZON MONOPINE

PROJECT / INITIATIVE: NSB
USID#: 330784
FA LOCATION CODE: 14537233
RFDS ID #: 27248
RFDS VERSION: 1.00
RFDS DATE: 04/19/24
PACE JOB#: MRSFR049567
PTN#: 3705A0GTW1

PROJECT DESCRIPTION

- (N) AT&T WIRELESS CO-LOCATION TO AN (E) UNMANNED TELECOM FACILITY CONSISTING OF INSTALLING:
- (N) FENCED LEASE AREA W/ GROUND MOUNTED EQUIPMENT & DIESEL GENERATOR & (N) UTILITIES TO (N) SITE LOCATION.
 - (N) ANTENNAS & ANTENNA EQUIPMENT MOUNTED ON (E) MONOPINE.

VICINITY MAP



CODE COMPLIANCE

ALL WORK & MATERIALS SHALL BE PERFORMED & 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:

- 2022 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
 - 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, VOLUME 1&2, TITLE 24 C.C.R. (2021 INTERNATIONAL BUILDING CODE AND 2022 CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2020 NATIONAL ELECTRICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R. (2021 UNIFORM MECHANICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2021 UNIFORM PLUMBING CODE AND 2022 CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
 - 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2021 INTERNATIONAL FIRE CODE AND 2022 CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
 - 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
- ANSI/EIA-TIA-222-H

ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS

DISABLED ACCESS REQUIREMENTS

THIS FACILITY IS UNMANNED & NOT FOR HUMAN HABITATION. DISABLED ACCESS & REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA STATE BUILDING CODE, TITLE 24 PART 2, SECTION 11B-203.5

SHEET INDEX

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E-1.1	ELECTRICAL PLAN	—			

At all services & grounding trenches, provide "WARNING" tape at 12" below grade.



CALL
"CALL BEFORE YOU DIG"

811
NATIONWIDE UNDERGROUND SERVICE ALERT

PROJECT INFORMATION

SITE NAME:	VERIZON COLOCATION	SITE ACQUISITION COMPANY:	COMPLETE WIRELESS CONSULTING 2009 V STREET SACRAMENTO, CA 95818
SITE #:	CCL06435		
COUNTY:	SONOMA COUNTY		
JURISDICTION:	CITY OF SANTA ROSA	LEASING CONTACT:	ATTN: ROCKY CORDOVA RCORDOVA@COMPLETEWIRELESS.NET (916) 661-0468
APN:	009-371-010		
SITE ADDRESS:	1350 BENNETT VALLEY ROAD SANTA ROSA, CA 95404	ZONING CONTACT:	ATTN: STEVE PROO SPROO@COMPLETEWIRELESS.NET (916) 838-6713
CURRENT ZONING:	PI		
CONSTRUCTION TYPE:	V-B	CONSTRUCTION CONTACT:	ERICSSON ATTN: TODD MERRILL TODD.MERRILL@ERICSSON.COM (530) 605-5765
OCCUPANCY TYPE:	U, (UNMANNED COMMUNICATIONS FACILITY)		
POWER:	PG&E		
LATITUDE:	N 38° 25' 36.99" NAD 83 N 38.42694167° NAD 83		
LONGITUDE:	W 122° 41' 55.83" NAD 83 W 122.69884167° NAD 83		
GROUND ELEVATION:	167' AMSL		
PROPERTY OWNER:	COUNTY OF SONOMA 2555 MENDOCINO AVE. SANTA ROSA, CA 95403		
APPLICANT:	AT&T MOBILITY 5005 EXECUTIVE PARKWAY SAN RAMON, CA 94583		

DRIVING DIRECTIONS

- FROM: 5005 EXECUTIVE PARKWAY, SAN RAMON, CA 94583
TO: 1350 BENNETT VALLEY RD. SANTA ROSA, CA 95404
- GET ON I-680 N IN DANVILLE FROM CAMINO RAMON
 - CONTINUE ON I-680 N. TAKE I-780 W TO CA-37 W IN VALLEJO. TAKE EXIT 33 FROM I-80 E 32.5 M
 - MERGE ONTO I-680 N (TOLL ROAD) 20.0 MI
 - USE THE LEFT 2 LANES TO TAKE EXIT 58A FOR I-780 TOWARD BENICIA/VALLEJO. 0.6 MI
 - CONTINUE ONTO I-780 W. 6.0 MI
 - TAKE EXIT 1B TOWARD SACRAMENTO
 - MERGE ONTO I-80 E. 2.8 MI
 - TAKE EXIT 33 FOR CA-37 TOWARD NAPA. 0.7 MI
 - CONTINUE ONTO CA-37 W. 15.5 MI
 - TURN RIGHT ONTO LAKEVILLE HWY. 11.1 MI
 - TURN RIGHT TO MERGE ONTO US-101 N TOWARD EUREKA. 0.4 MI
 - MERGE ONTO US-101 N. 14.9 MI
 - TAKE EXIT 488A TOWARD BAKER AVE. 0.2 MI
 - CONTINUE ONTO COLGAN AVE. 0.3 MI
 - TURN LEFT ONTO PETALUMA HILL RD. 387 FT
 - TURN RIGHT ONTO ASTON AVE. 0.6 MI
 - SITE WILL BE ON THE LEFT

ESTIMATED TIME: 1 HOUR 18 MINUTES ESTIMATED DISTANCE: 77 MILES

City of Santa Rosa
Planning & Economic
Development Department
01/21/2025
RECEIVED

Issued For:

CCL06435
VERIZON
COLOCATION

1350 BENNETT VALLEY RD.
SANTA ROSA, CA 95404

PREPARED FOR



5005 Executive Parkway
San Ramon, California 94583

Vendor:



AT&T SITE NO: CCL06435

PROJECT NO: -

DRAWN BY: -

CHECKED BY: -

APPROVED BY: -

ISSUE STATUS

REV	DATE	DESCRIPTION	CAD
1	05/21/24	ZD 100%	T.T.
0	04/01/24	ZD 90%	T.T.

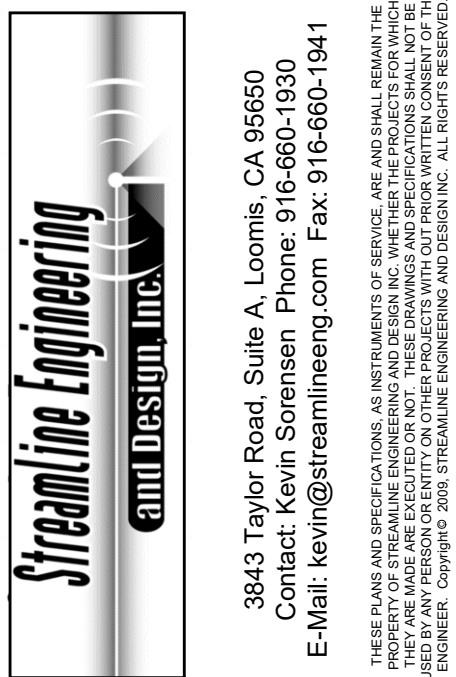
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KEVIN R. SORENSEN
S4469

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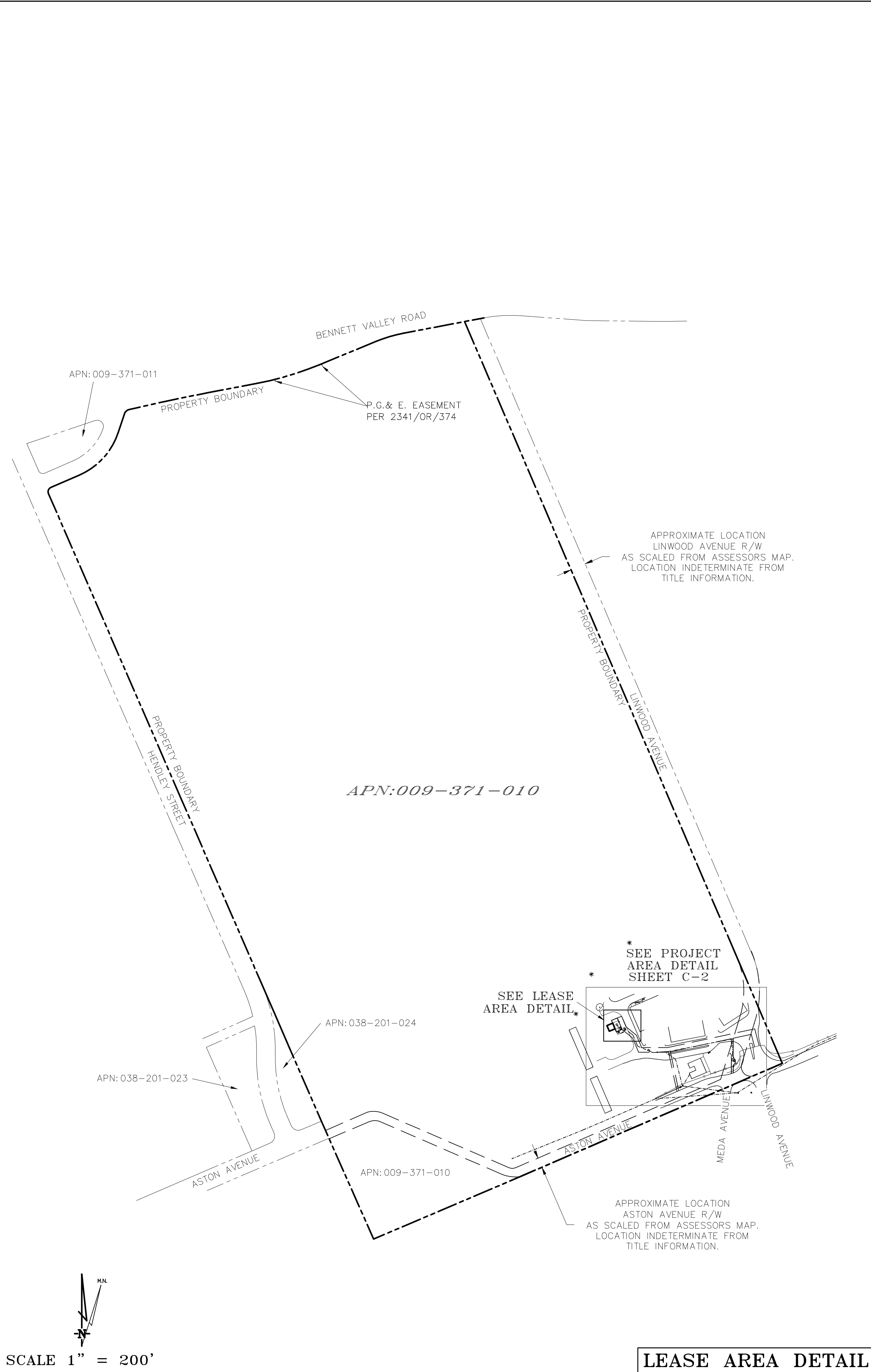


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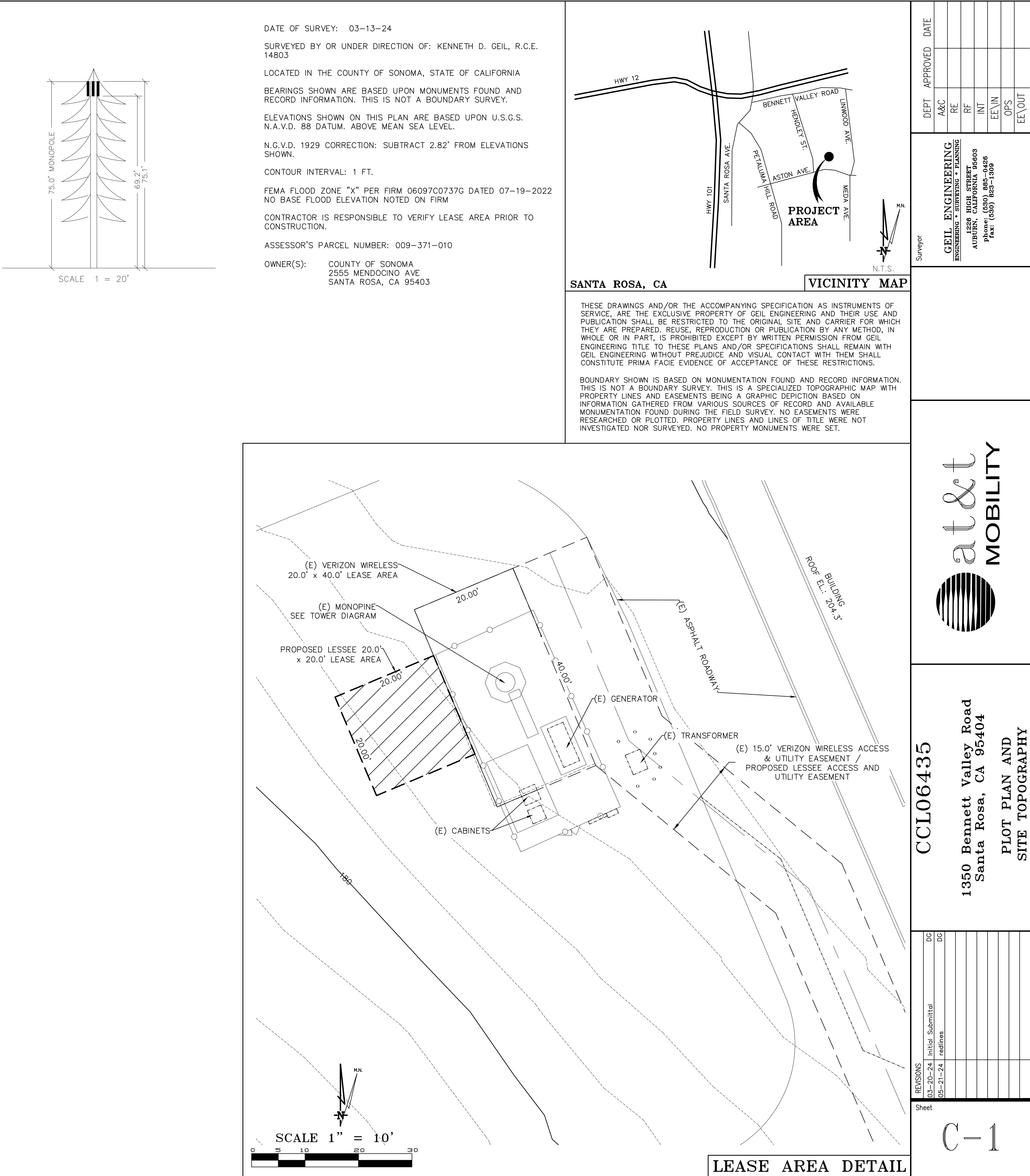
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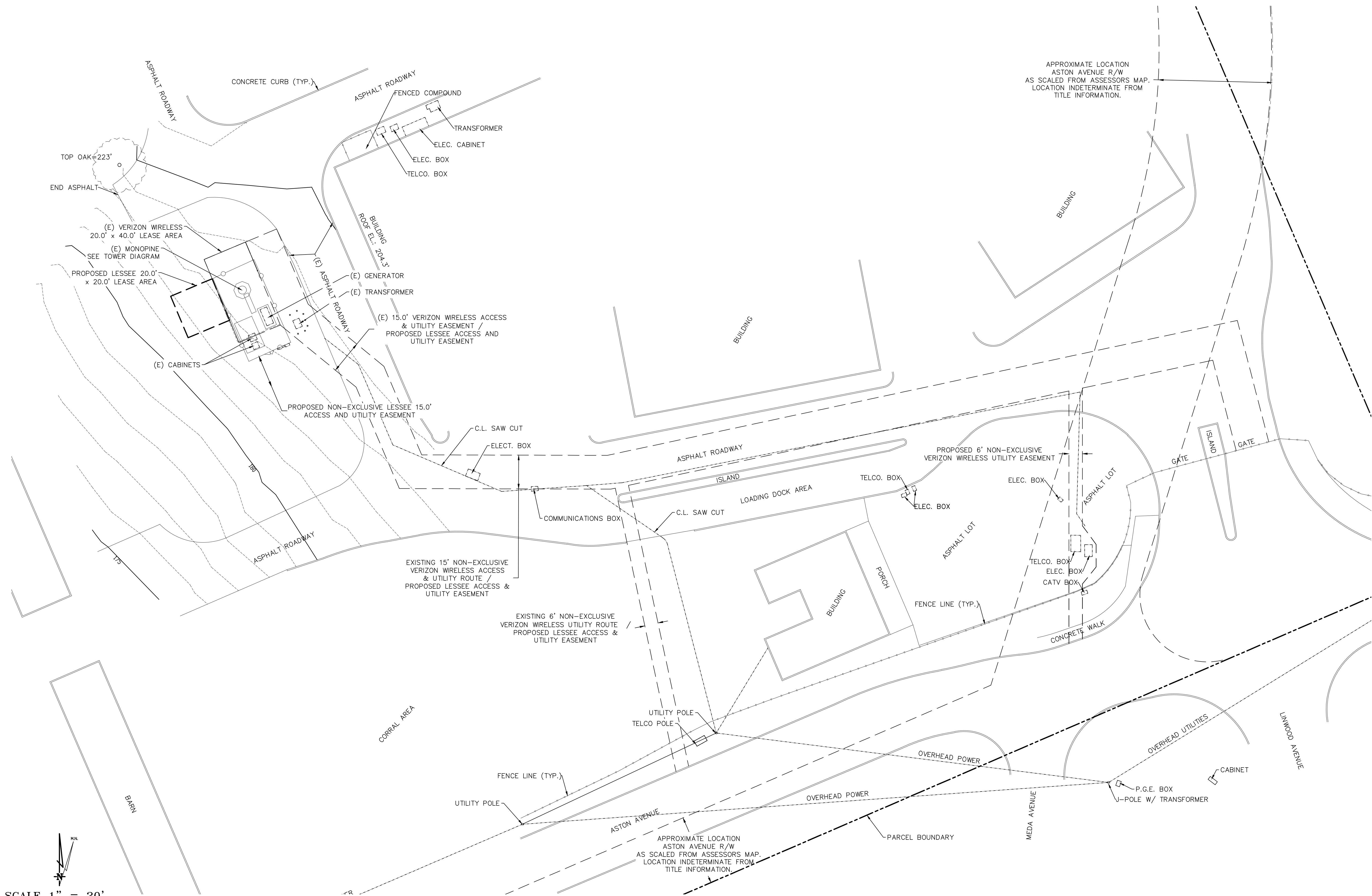
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T-1.1



LEASE AREA DETAIL

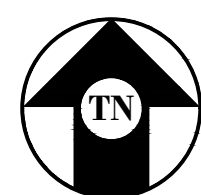
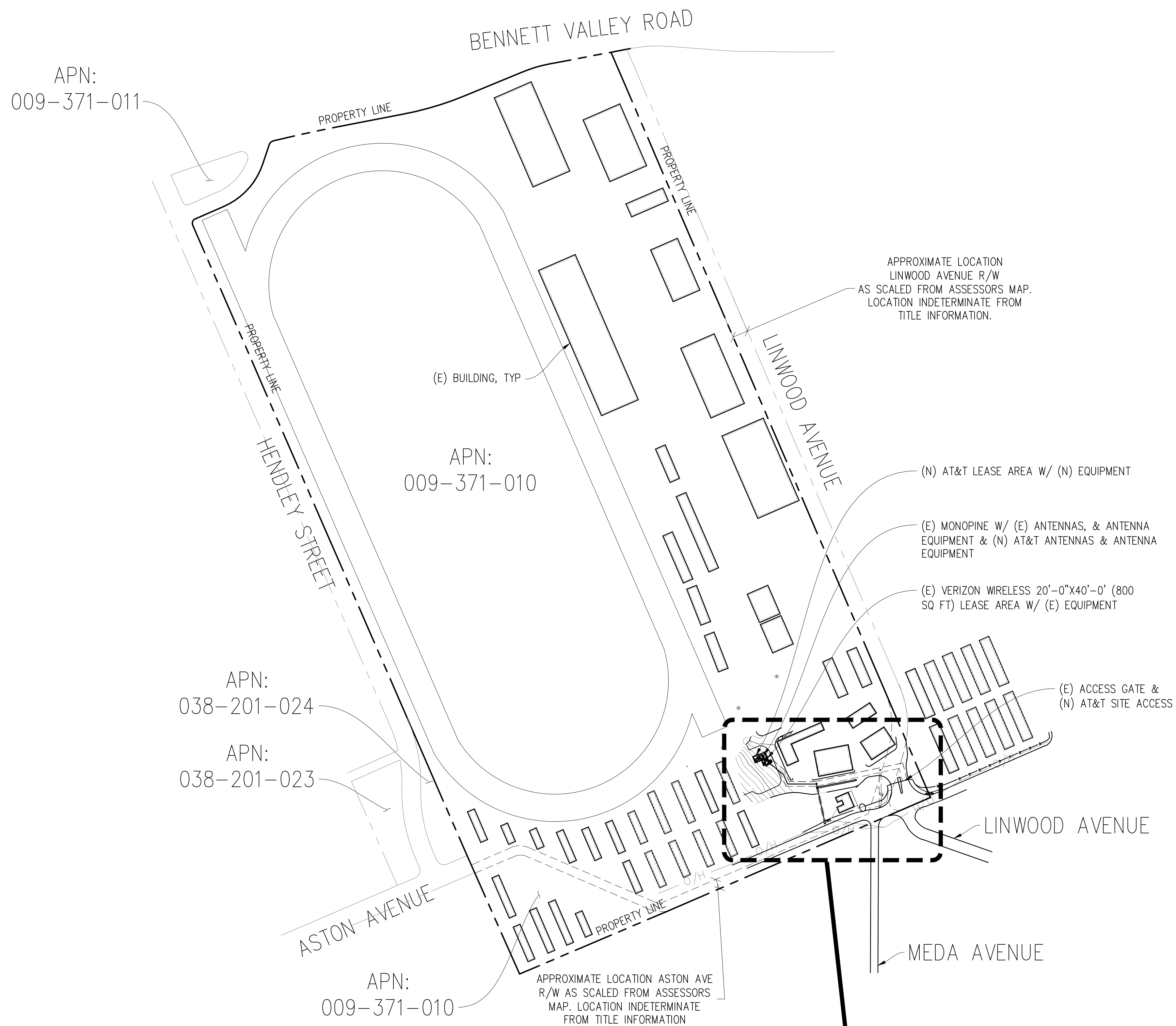




SCALE 1" = 20'

PROJECT AREA DETAIL

DEPT	APPROVED	DATE	Surveyor					
			A&C	RE	RF	INT	EE\IN	OPS
Surveyor			GEIL ENGINEERING ENGINEERING • SURVEYING • PLANNING 1228 HIGH STREET AUBURN, CALIFORNIA 95603 Phone: (530) 825-1325 Fax: (530) 825-1308					
CCL06435 1350 Bennett Valley Road Santa Rosa, CA 95404 PLOT PLAN AND SITE TOPOGRAPHY								
Sheet			C-2					



OVERALL SITE PLAN

1"=200'-0"



Issued For:

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1350 BENNETT VALLEY RD.
SANTA ROSA, CA 95404

PREPARED FOR



5005 Executive Parkway
San Ramon, California 94583

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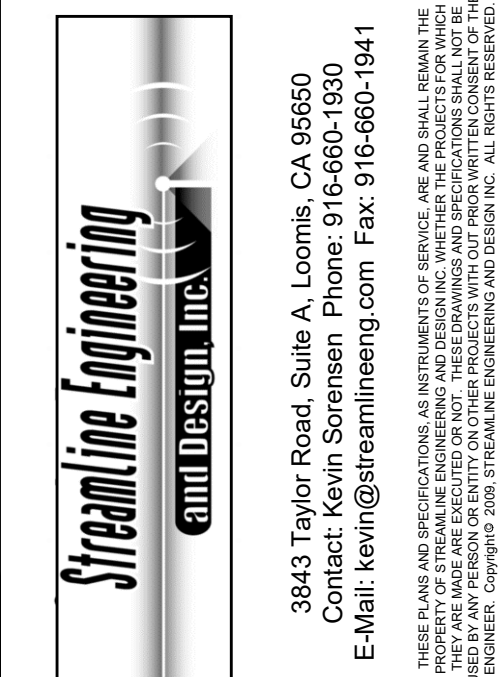
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SHEET TITLE:

OVERALL
SITE PLAN

SHEET NUMBER:

A-1.1

CCL06435
VERIZON
COLOCATION



COMPLETE
Wireless Consulting, Inc.

APPROVED BY: -

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Streamline Engineering

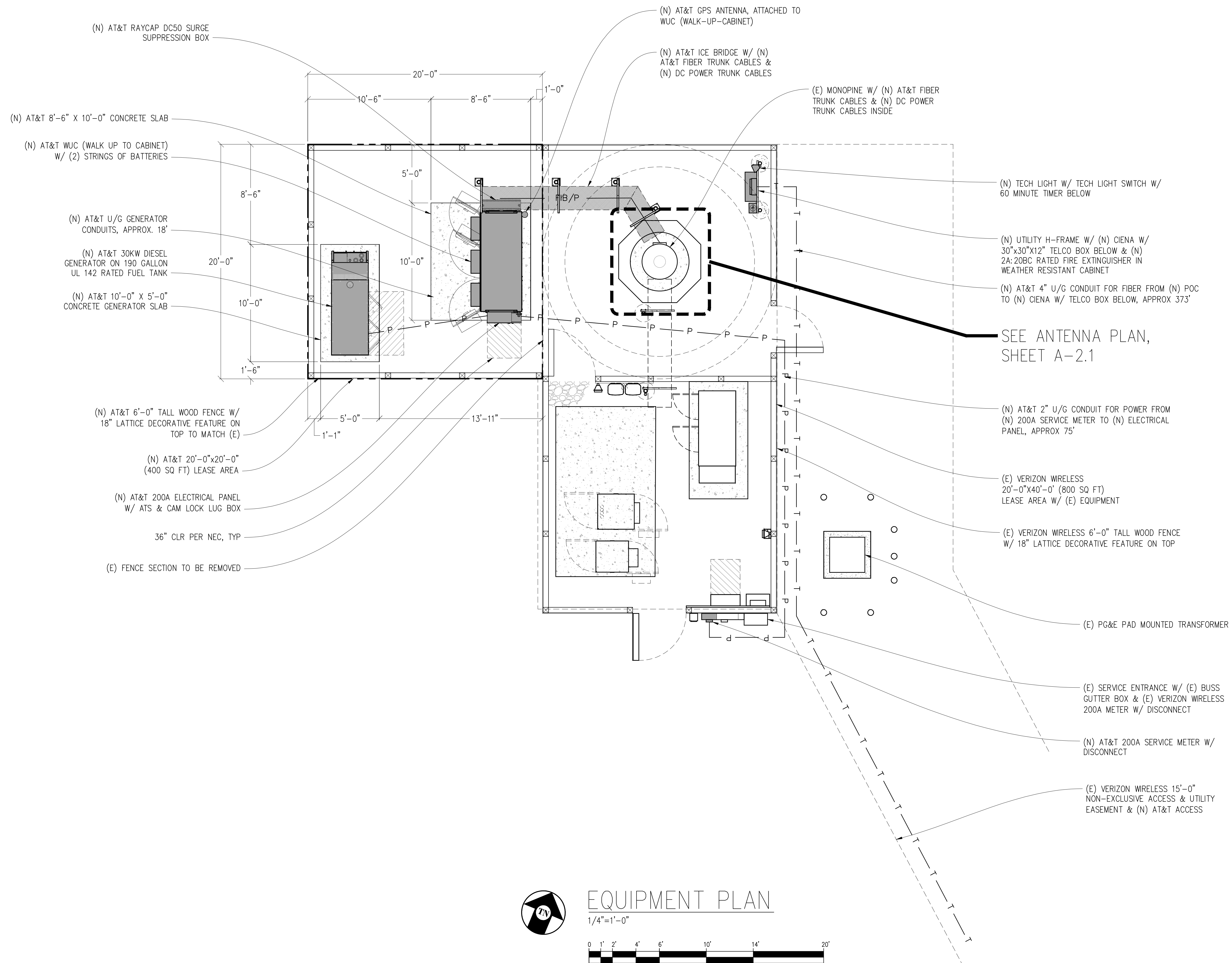
and design inc.

3843 Taylor Road, Suite A, Loomis, CA 95650
Contact: Kevin Sorace, Phone: 916-680-1830
E-Mail: kevin@streamlineeng.com Fax: 916-680-1941

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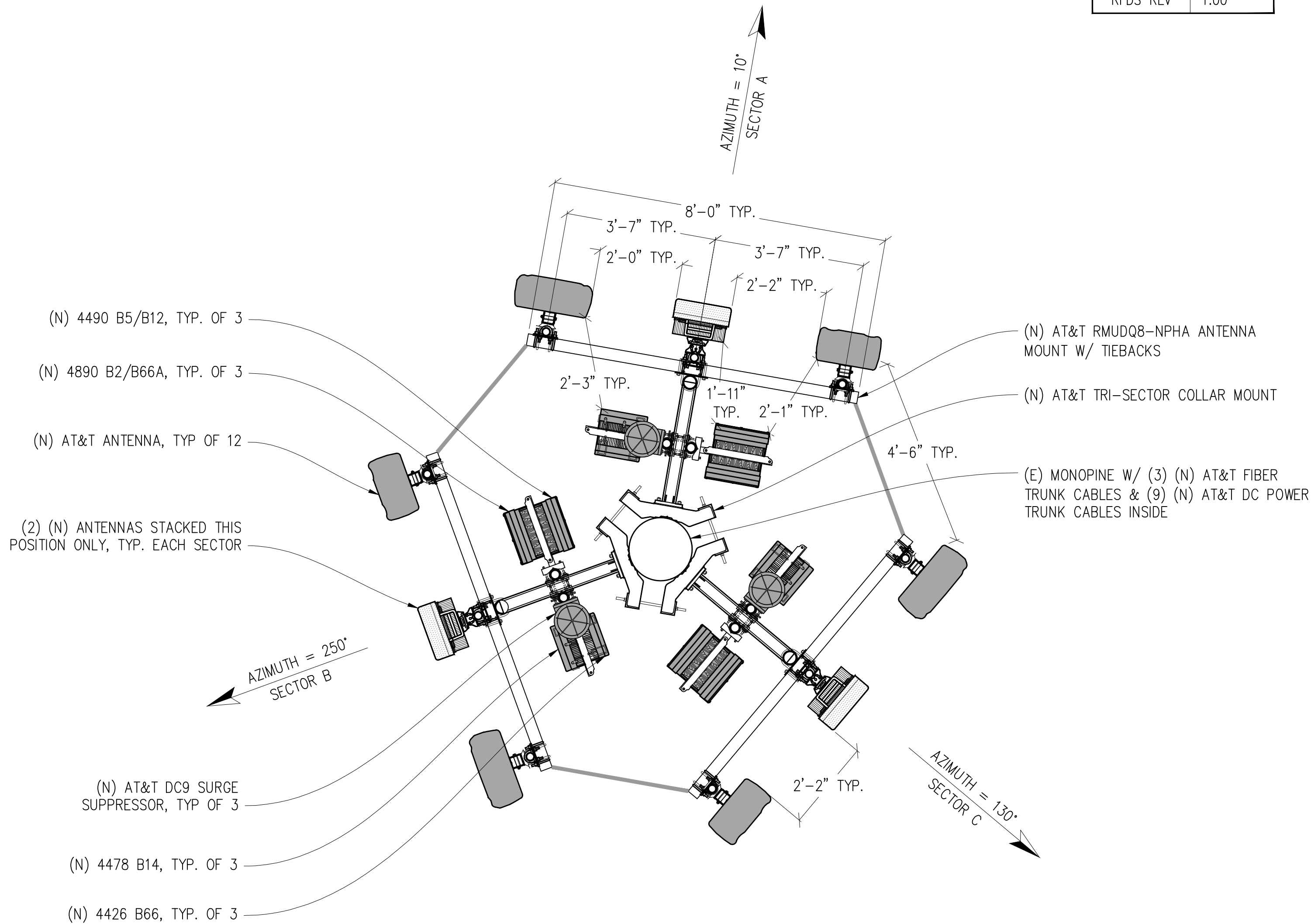
A-1.3



(N) RF SCHEDULE																	
SECTOR	ANTENNA MODEL NO.		AZIMUTH	CENTERLINE	RRU NO'S & MODEL #	# OF DC POWER CABLES	# OF FIBER CABLES	LENGTH OF CABLES	SURGE SUPPRESSOR	NO. OF DIPLEXERS	NO. OF COMBINERS	DC TRUNK SIZE	DC TRUNK DISTANCE	DC JUMPER TYPE	DC JUMPER DISTANCE	RECTIFIER COUNT (-48)	CONVERTER COUNT (-58)
ALPHA	A1	QD8612-2	10°	±61'-0"	(1) 4490 B5/B12, (1) 4890 B2/B66A	3	1	±90'	(1) DC9	0	0	6 AWG	±90'	X	10'	X	X
	A2	AIR6419 B77G & AIR6449 B77D STACKED	10°	±60'-1" & ±63'-8"	-	SHARED	SHARED	±90'	SHARED	0	0	6 AWG	±90'	X	10'	X	X
	A3	QD868-2	10°	±61'-0"	(1) 4478 B14, (1) 4426 B66	SHARED	SHARED	±90'	SHARED	0	0	6 AWG	±90'	X	10'	X	X
BETA	B1	QD8612-2	250°	±61'-0"	(1) 4490 B5/B12, (1) 4890 B2/B66A	3	1	±90'	(1) DC9	0	0	6 AWG	±90'	X	10'	X	X
	B2	AIR6419 B77G & AIR6449 B77D STACKED	250°	±60'-1" & ±63'-8"	-	SHARED	SHARED	±90'	SHARED	0	0	6 AWG	±90'	X	10'	X	X
	B3	QD868-2	250°	±61'-0"	(1) 4478 B14, (1) 4426 B66	SHARED	SHARED	±90'	SHARED	0	0	6 AWG	±90'	X	10'	X	X
GAMMA	C1	QD8612-2	130°	±61'-0"	(1) 4490 B5/B12, (1) 4890 B2/B66A	3	1	±90'	(1) DC9	0	0	6 AWG	±90'	X	10'	X	X
	C2	AIR6419 B77G & AIR6449 B77D STACKED	130°	±60'-1" & ±63'-8"	-	SHARED	SHARED	±90'	SHARED	0	0	6 AWG	±90'	X	10'	X	X
	C3	QD868-2	130°	±61'-0"	(1) 4478 B14, (1) 4426 B66	SHARED	SHARED	±90'	SHARED	0	0	6 AWG	±90'	X	10'	X	X

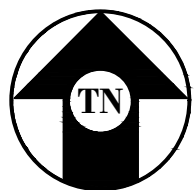
RFDS DATE	05/21/24
RFDS REV	1.00

NOTE:
1. ANTENNA POSITIONS ARE LEFT TO RIGHT FROM FRONT OF ANTENNA.
2. EQUIPMENT IS PRELIMINARY & SUBJECT TO CHANGE.



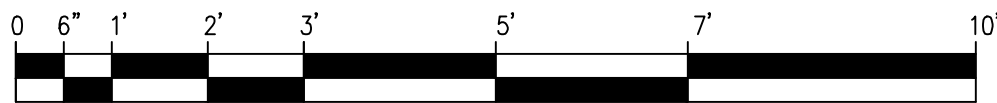
NOTES:

- ALL (N) ANTENNAS, ANTENNA MOUNTS, ANTENNA EQUIPMENT, & EXPOSED CABLES TO BE PAINTED TO MATCH (E) MONOPINE & BE FULLY WITHIN MONOPINE BRANCH RADIUS.
- ALL (N) ANTENNAS TO BE COVERED IN MONOPINE SOCKS OR RF APPROVED FILM.



ANTENNA PLAN

1/2"=1'-0"



Issued For:

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1350 BENNETT VALLEY RD.
SANTA ROSA, CA 95404

PREPARED FOR



5005 Executive Parkway
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Vendor:



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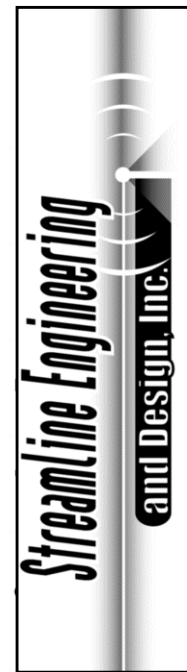
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ENGINEER:



3843 Taylor Road, Suite A, Loomis, CA 95660
Contact: Kevin Sorensen Phone: 916-660-1940
E-Mail: Kevin@streamlineeng.com Fax: 916-660-1941
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SHEET TITLE:

ANTENNA PLAN

SHEET NUMBER:

A-2.1

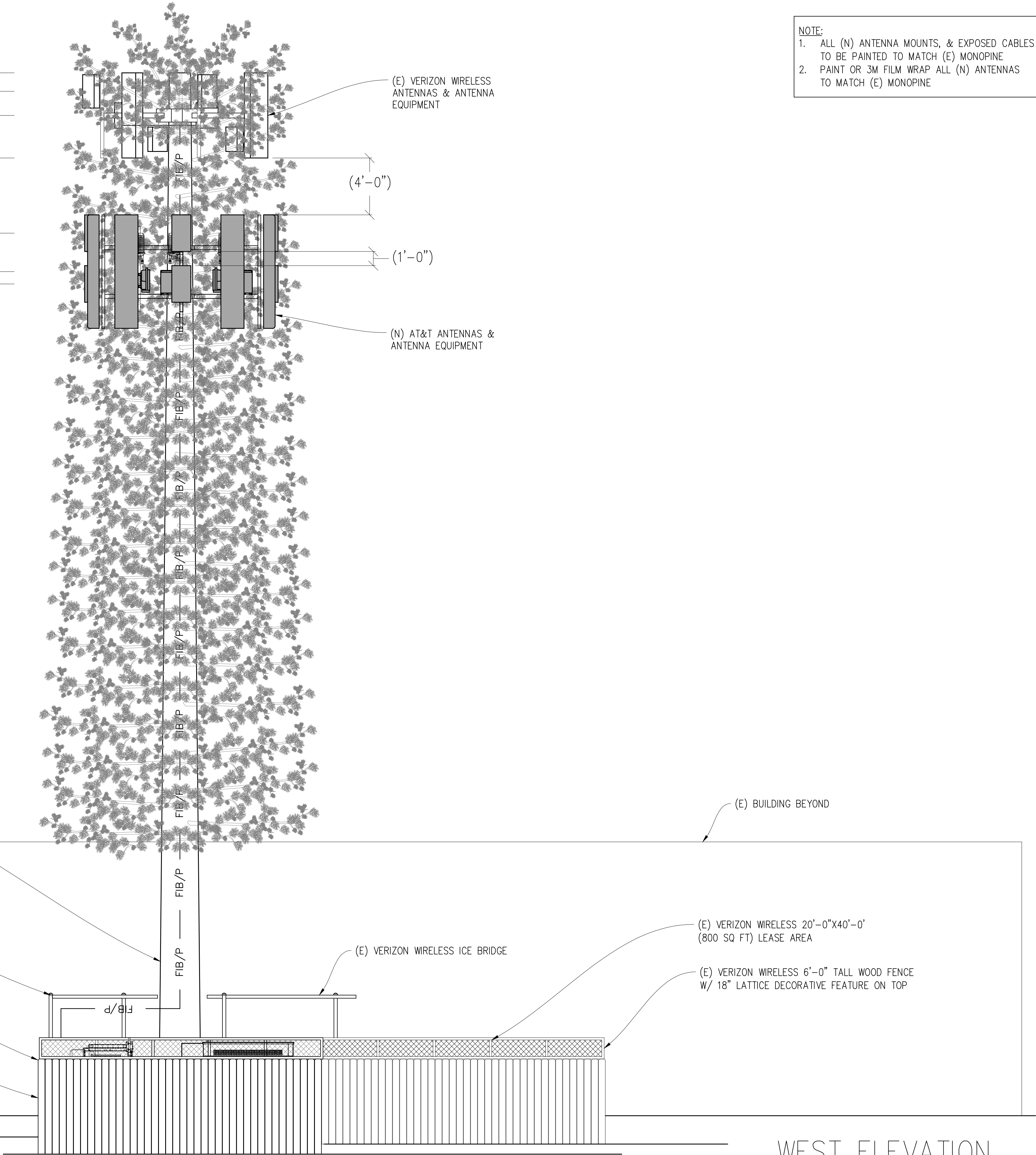
- CENTER OF (N) AT&T STACKED ANTENNAS
±60'-1" A.G.L.

 GROUND LEVEL @ MONOPINE
0'-0" (AMSL = 183.5')

(E) BOLLARD, TYPE

A-3.1

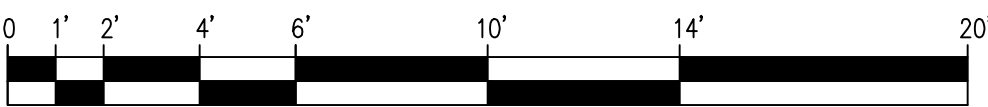
- TOP OF (E) VERIZON WIRELESS ANTENNAS & (E) MONOPINE STEEL
±75'-0" A.G.L.
- CENTER OF (E) VERIZON WIRELESS ANTENNAS
±73'-8" A.G.L.
- CENTER OF (E) VERIZON WIRELESS ANTENNAS
±72'-0" A.G.L.
- BOTTOM OF (E) VERIZON WIRELESS ANTENNAS
±69'-0" A.G.L.
- CENTER OF (N) AT&T STACKED ANTENNAS
±63'-8" A.G.L.
- CENTER OF (N) AT&T ANTENNAS
±61'-0" A.G.L.
- CENTER OF (N) AT&T STACKED ANTENNAS
±60'-1" A.G.L.



NOTE:
1. ALL (N) ANTENNA MOUNTS, & EXPOSED CABLES TO BE PAINTED TO MATCH (E) MONOPINE
2. PAINT OR 3M FILM WRAP ALL (N) ANTENNAS TO MATCH (E) MONOPINE

GROUND LEVEL @ MONOPINE
0'-0" (AMSL = 183.5')

WEST ELEVATION
1/4"=1'-0"



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1350 BENNETT VALLEY RD.
SANTA ROSA, CA 95404

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3843 Taylor Road, Suite A, Loomis, CA 95660
Contact: Kevin Sorensen Phone: 916-660-1840
E-Mail: Kevin@streamlineeng.com Fax: 916-660-1941

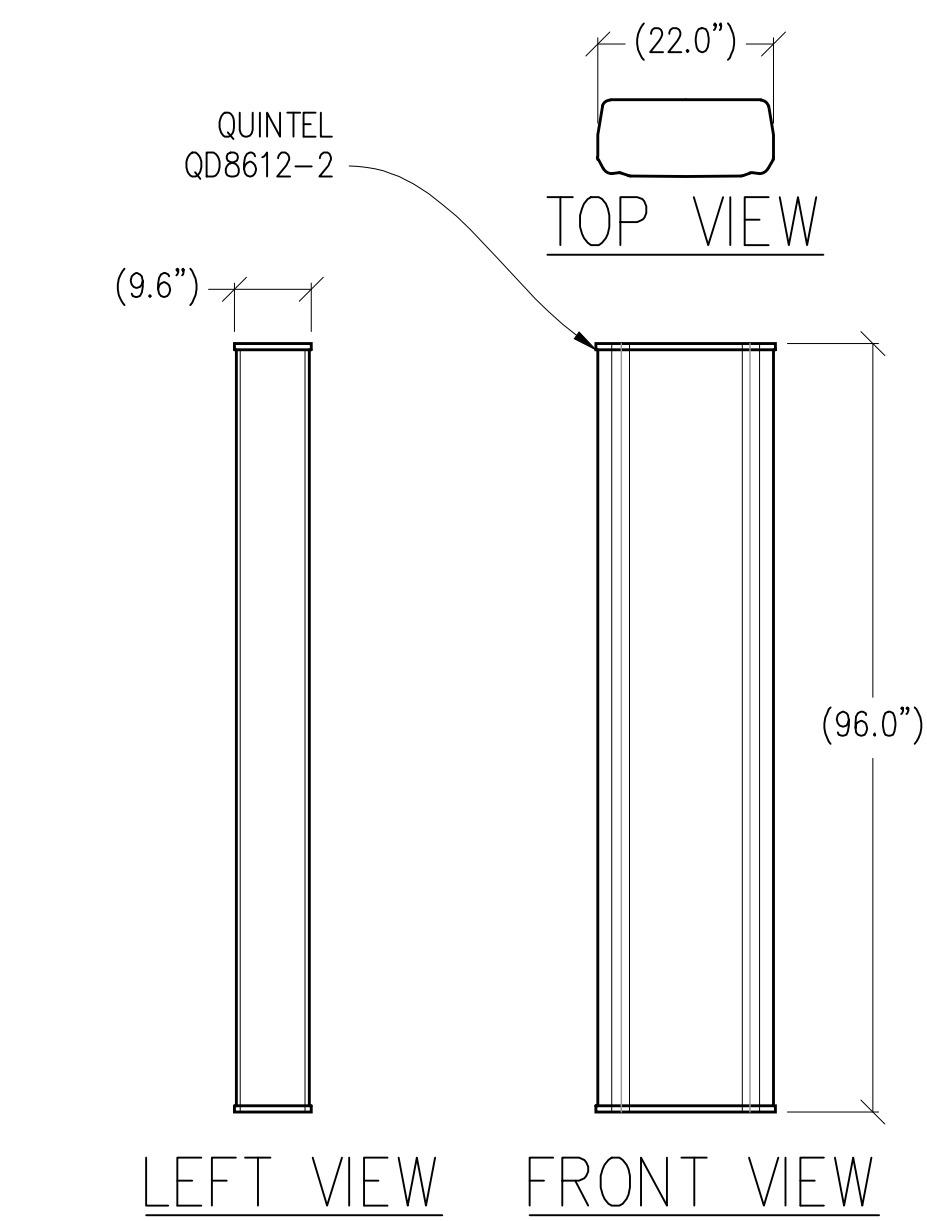
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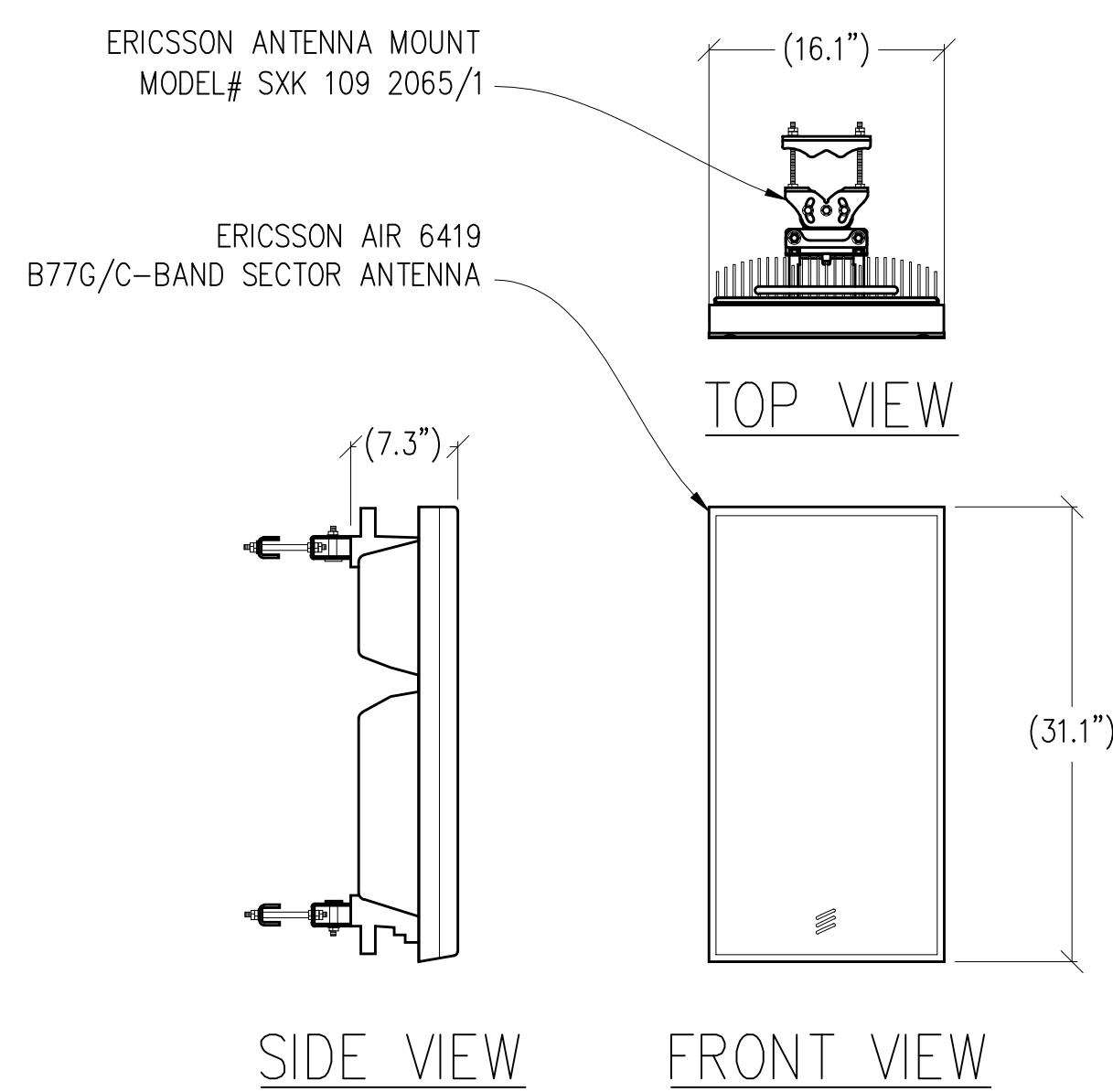
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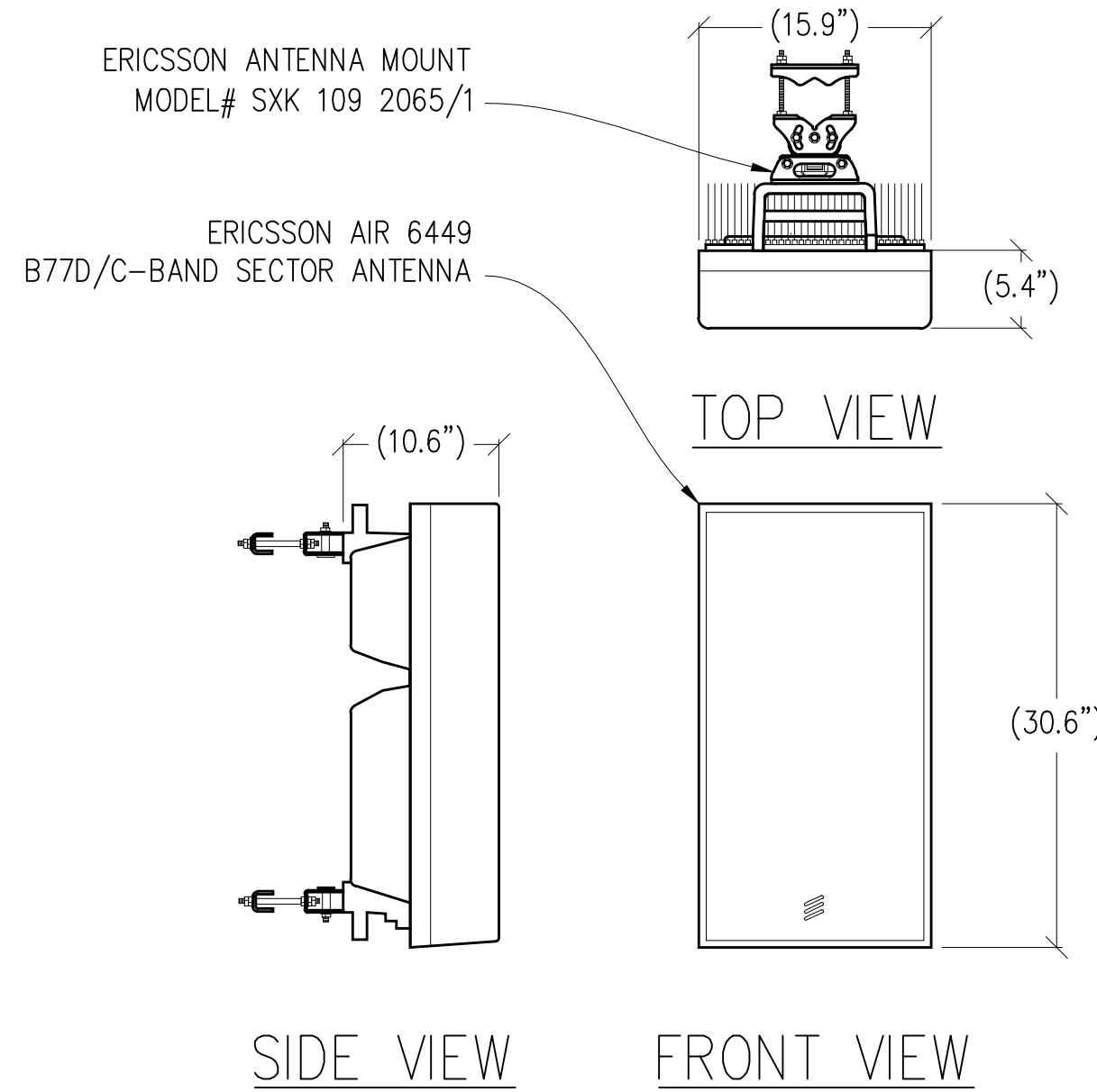
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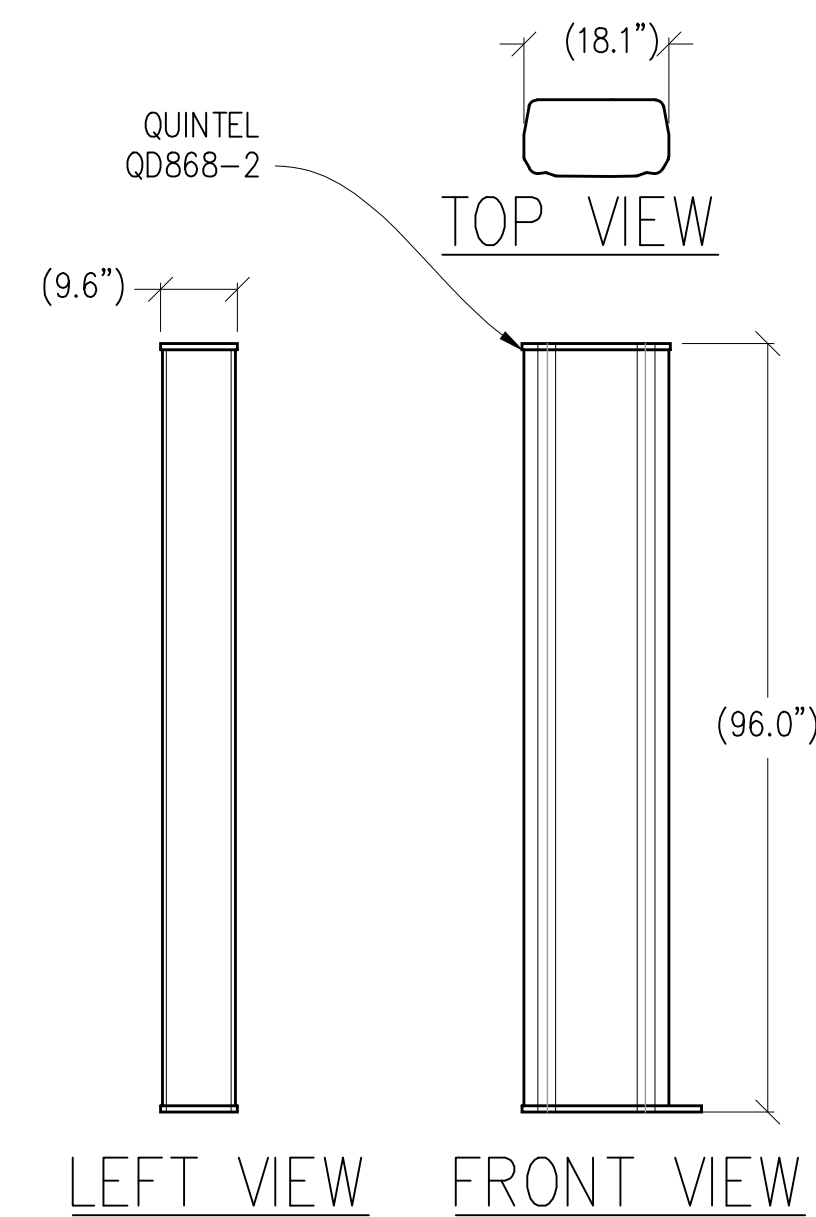
1 ANTENNA DETAIL
1/2"=1'-0" MAX WEIGHT: 130 LBS



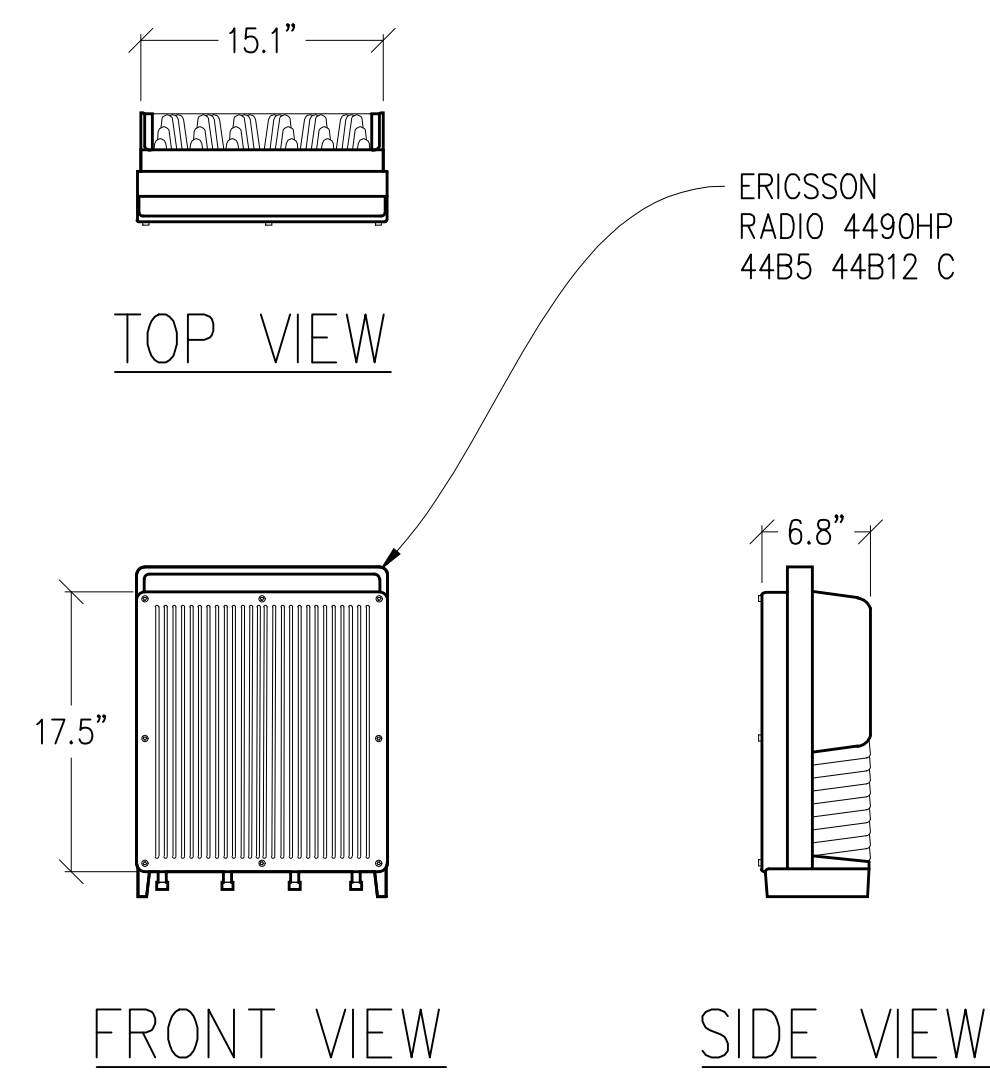
2 ANTENNA DETAIL
1"=1'-0" MAX WEIGHT: 55.4 LBS



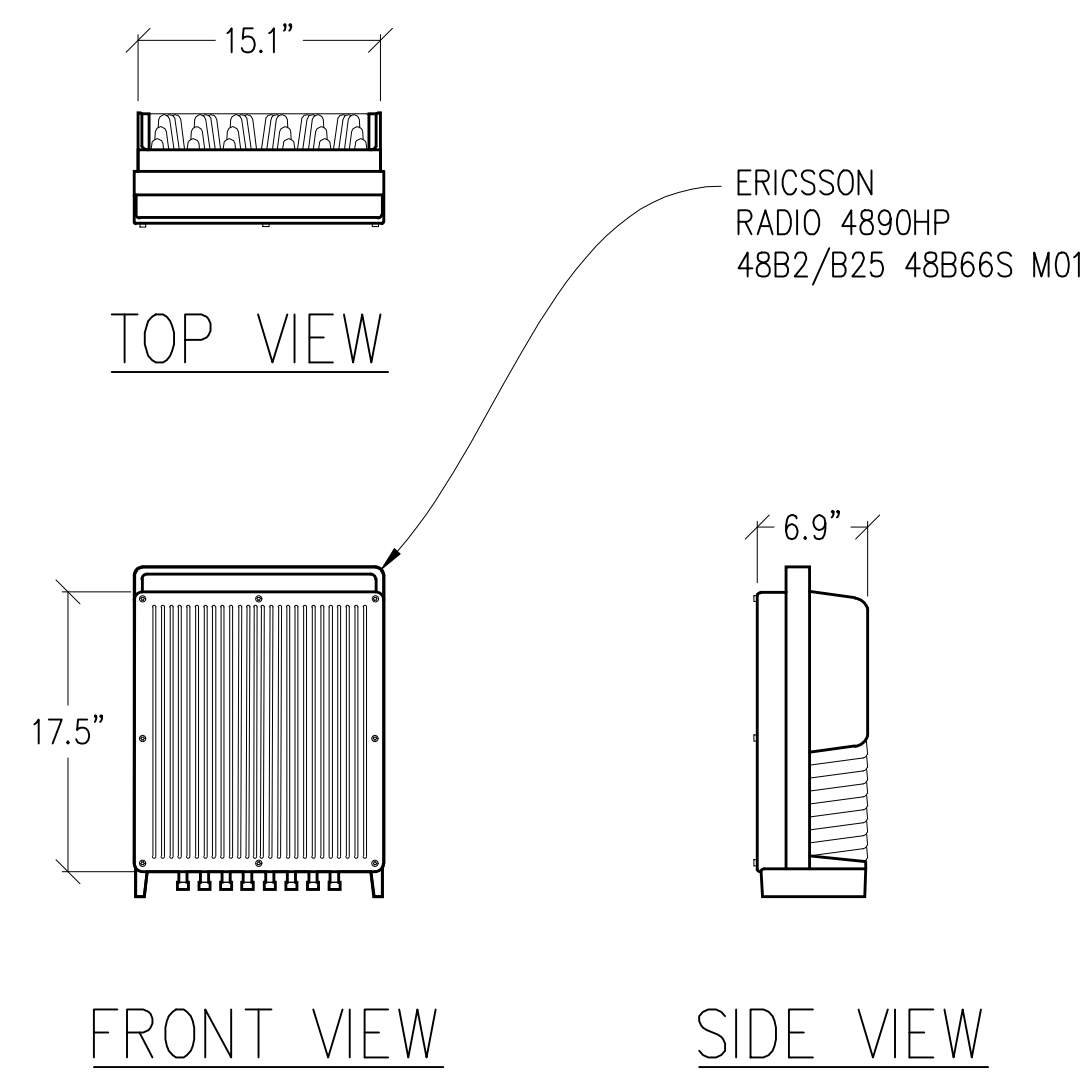
3 ANTENNA DETAIL
1"=1'-0" MAX WEIGHT: 88 LBS



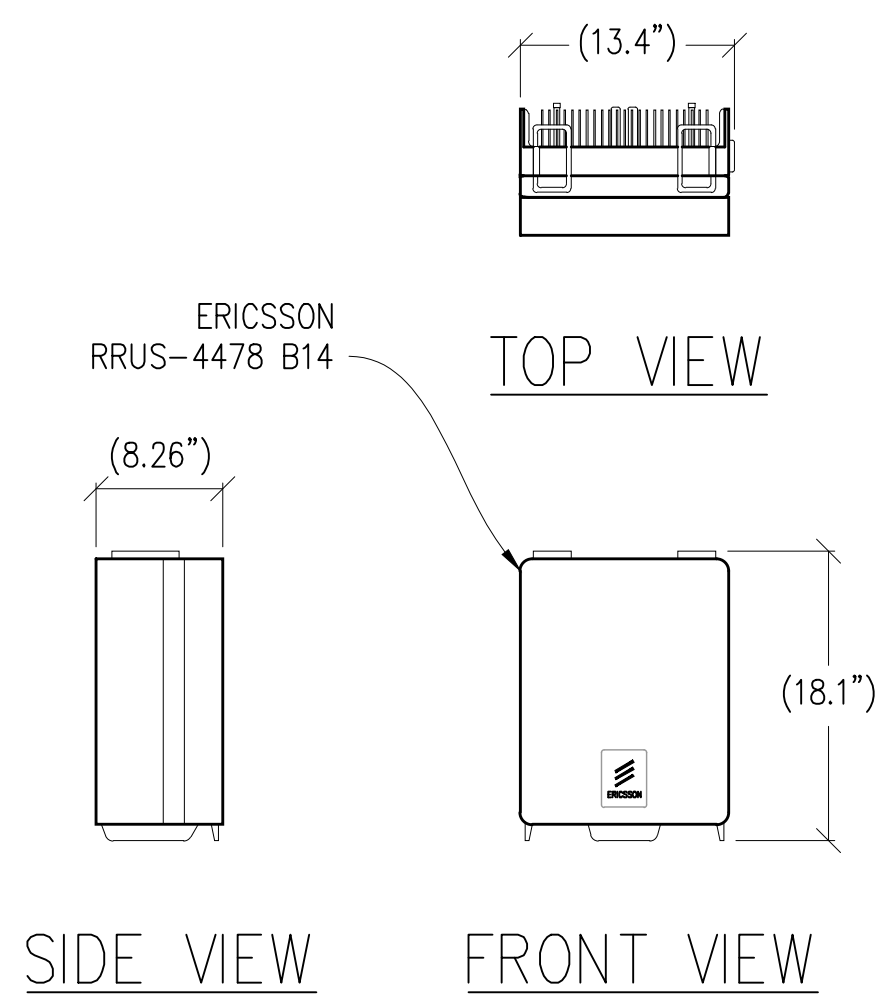
4 ANTENNA DETAIL
1/2"=1'-0" MAX WEIGHT: 130 LBS



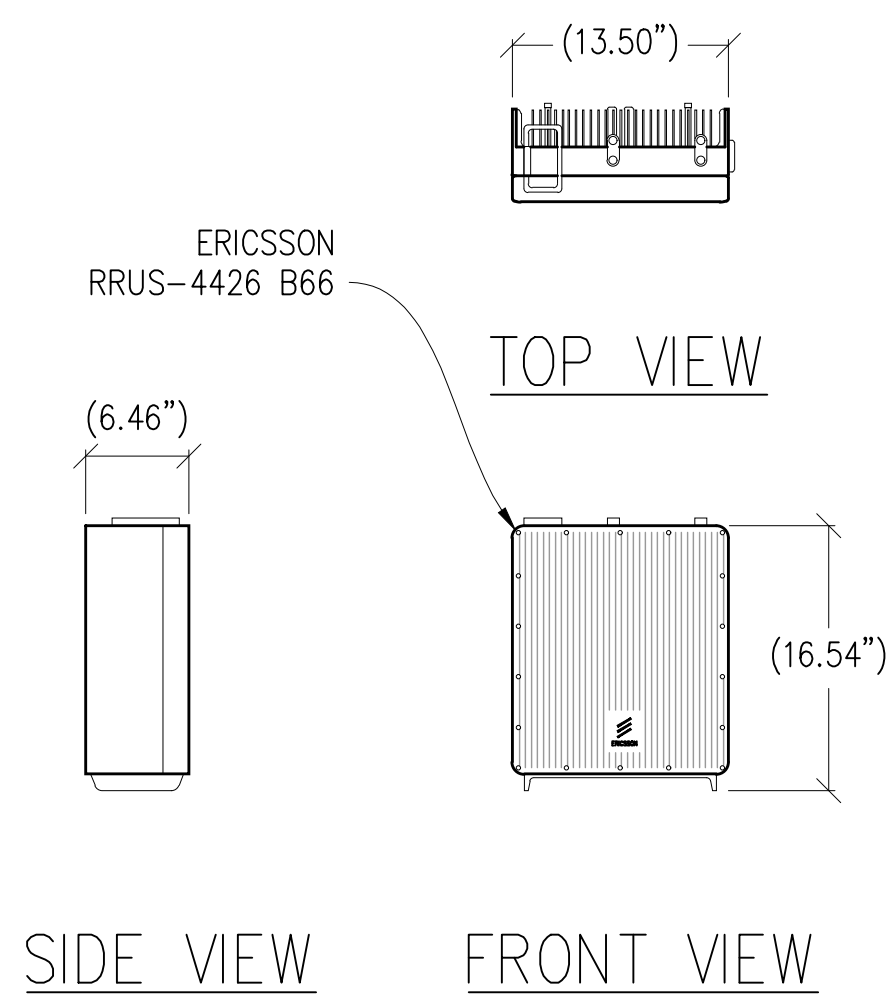
5 RADIO 4490HP DETAIL
1"=1'-0" MAX WEIGHT: 68.0 LBS



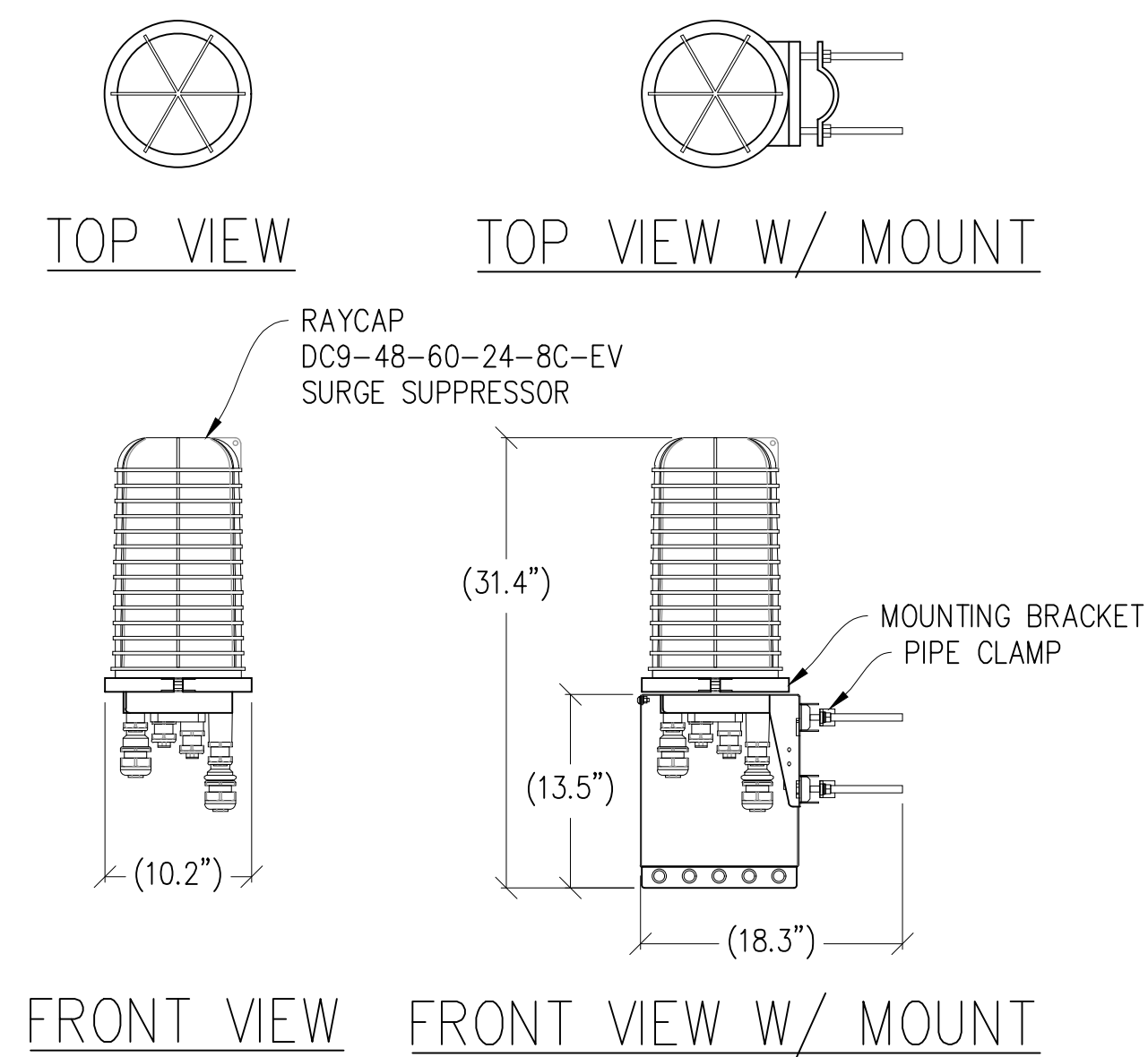
6 RADIO 4890HP DETAIL
1"=1'-0" MAX WEIGHT: 68.0 LBS



7 RRUS-4478 B14 DETAIL
1"=1'-0" MAX WEIGHT: 59.4 LBS



8 RRUS-4426 B66 DETAIL
1"=1'-0" MAX WEIGHT: 46.3 LBS



9 SURGE SUPPRESSOR DETAIL
1"=1'-0" MAX WEIGHT = 26.2 LBS

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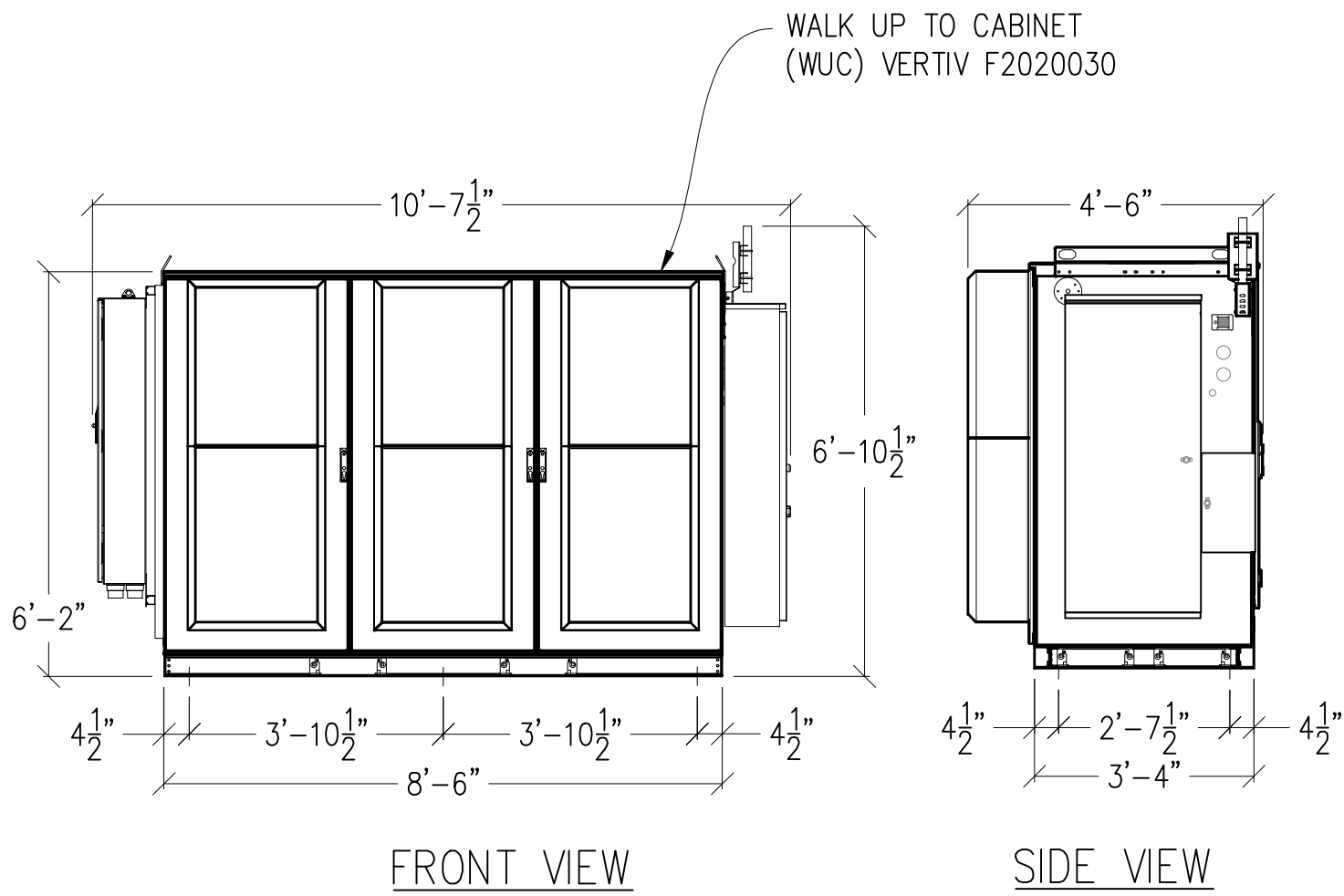
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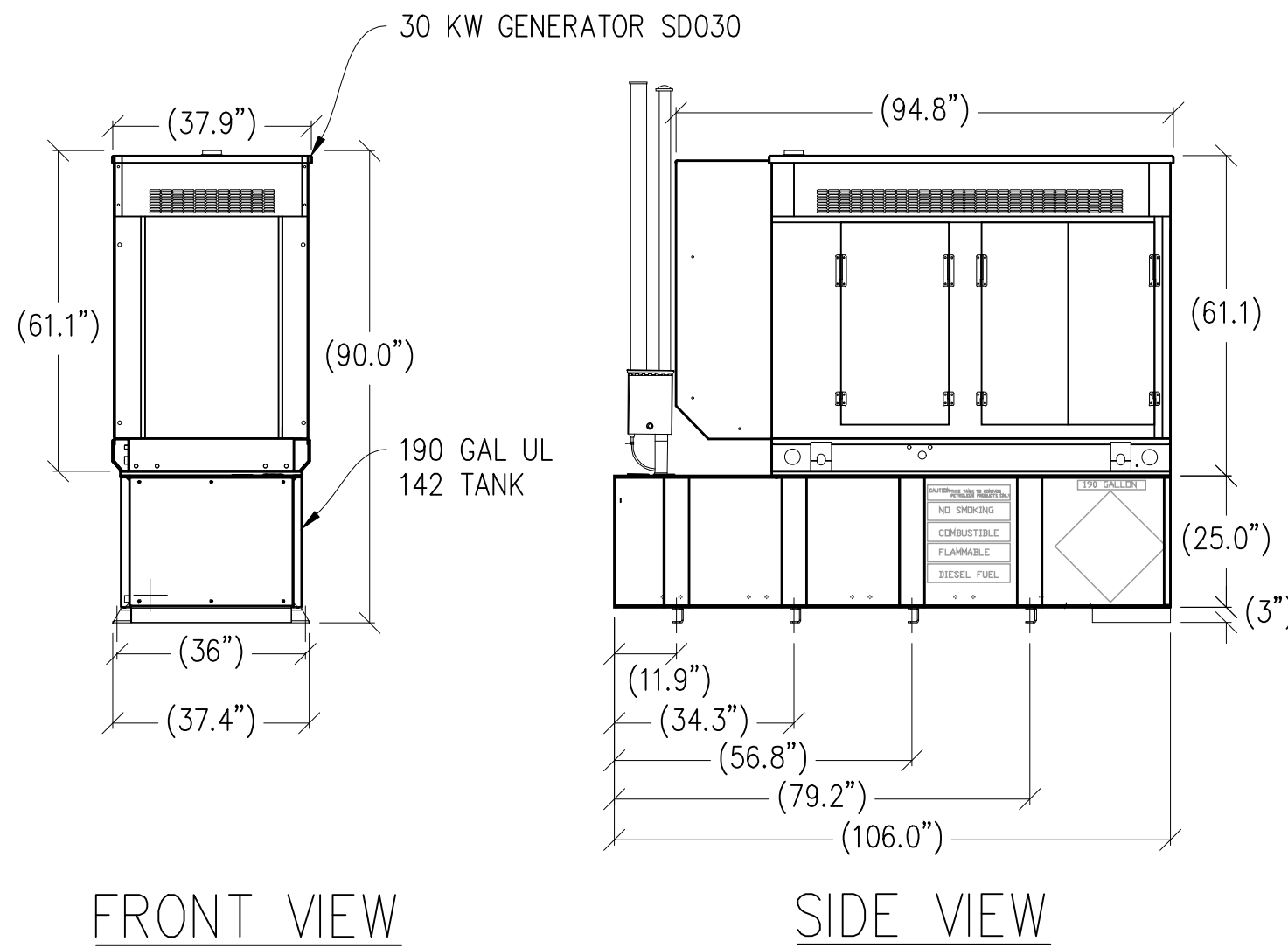
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Contact: Kevin Sorensen Phone: 916-660-1830
E-Mail: Kevin@streamlineeng.com Fax: 916-660-1941
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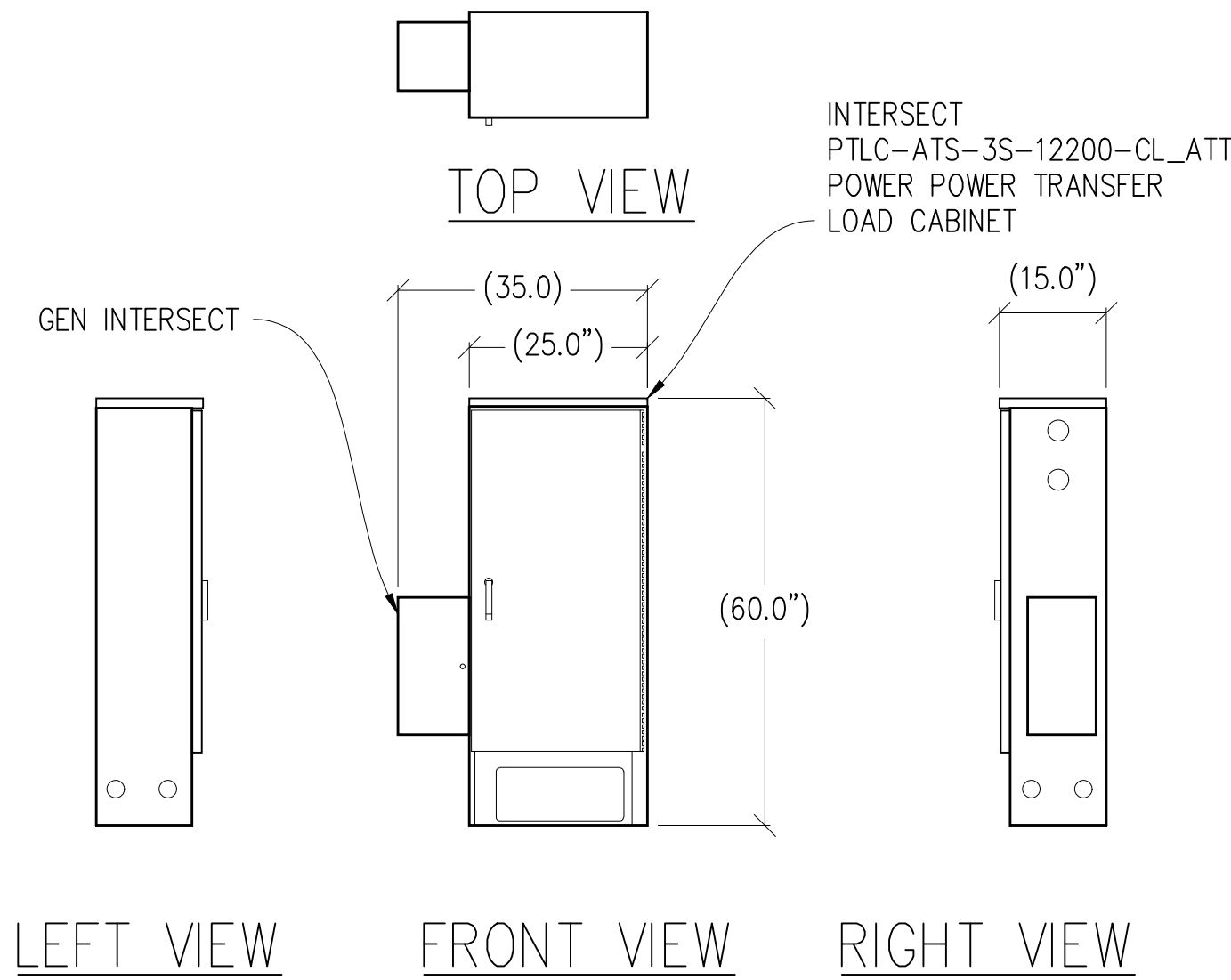
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A-4.1



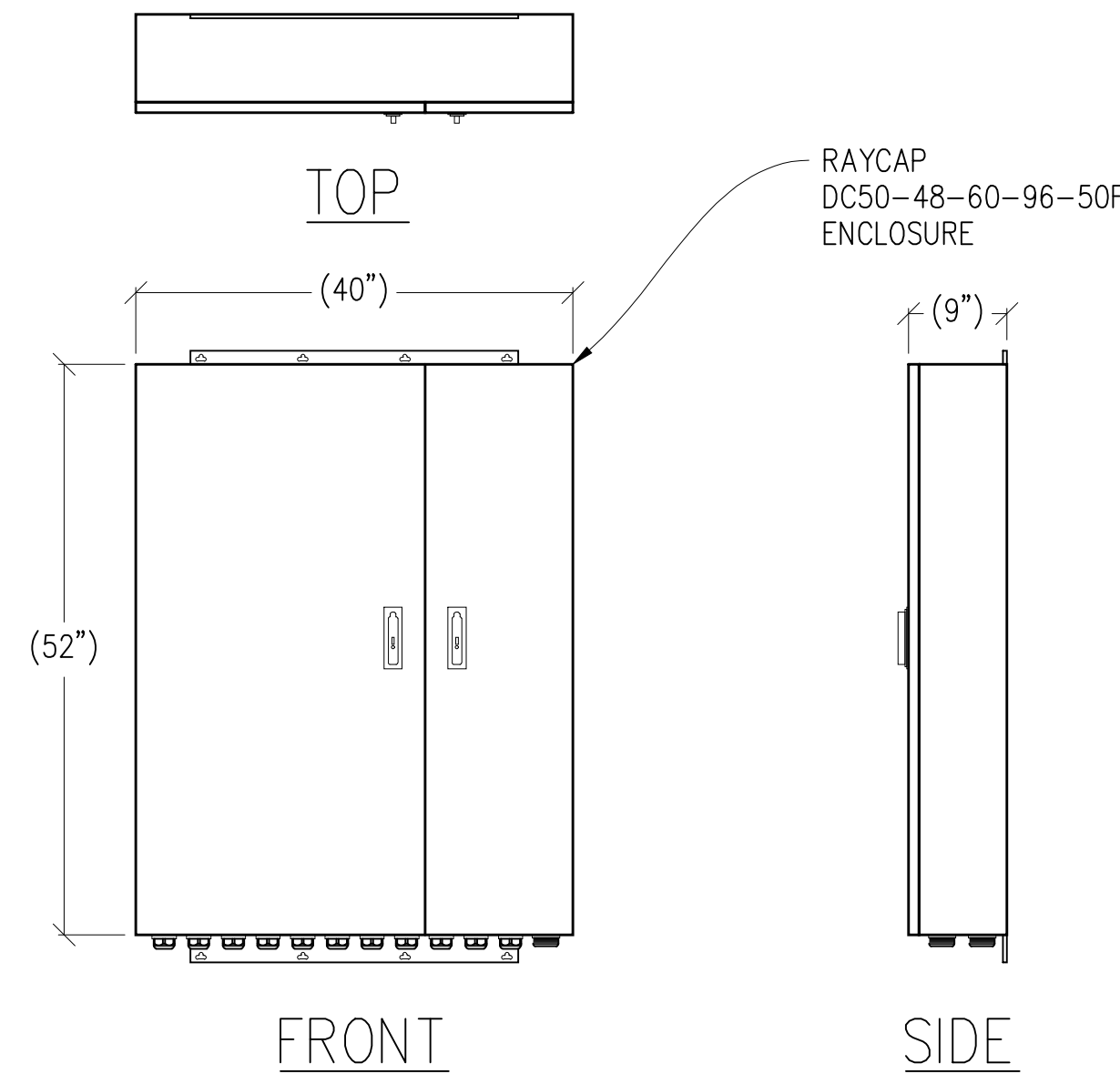
1 WUC VERTIV F2020030 DETAIL
3/8"=1'-0" MAX WEIGHT: 4,442 LBS



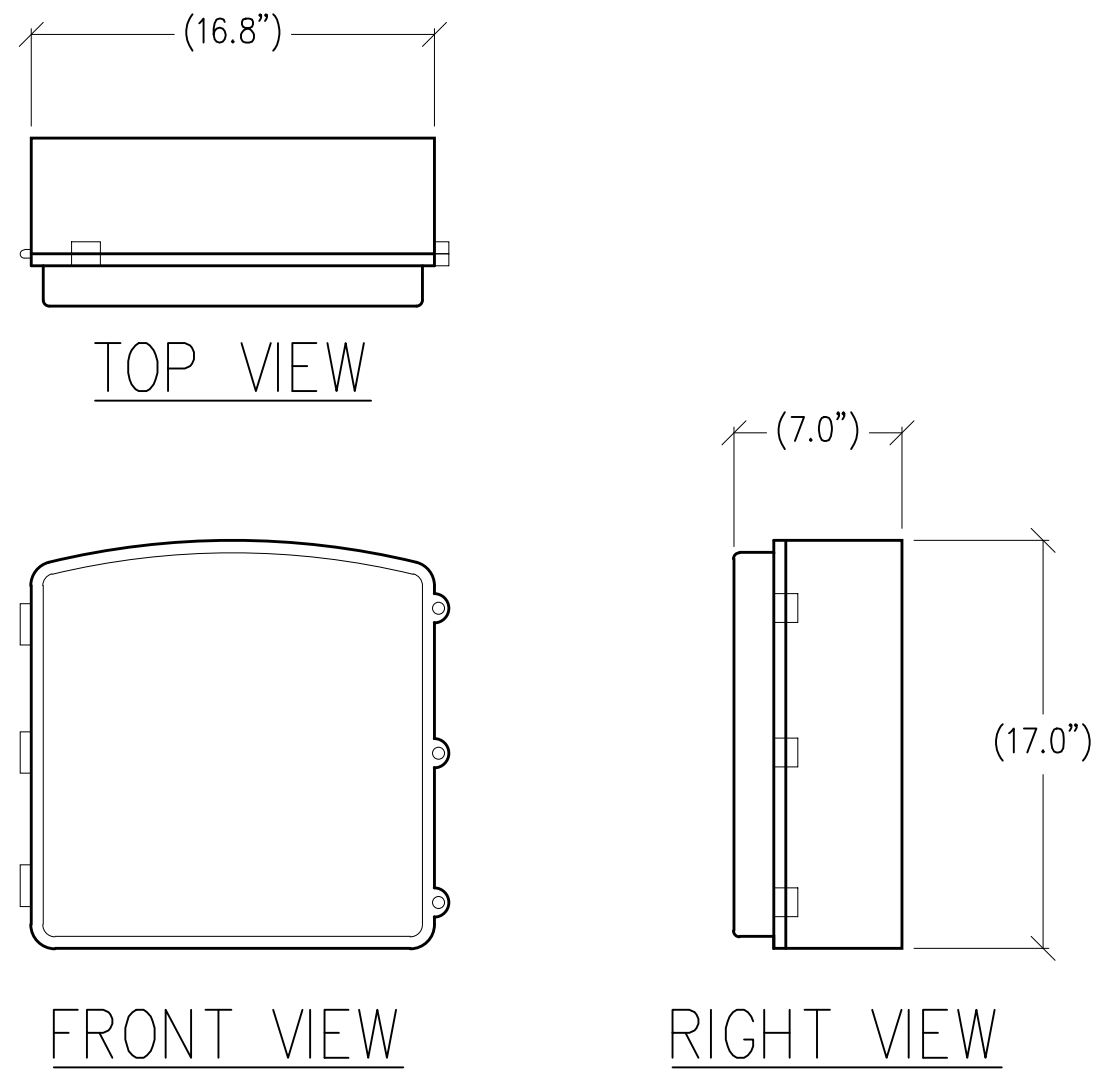
2 30KW GENERATOR DETAIL
3/8"=1'-0" MAX WEIGHT: 3,106 LBS



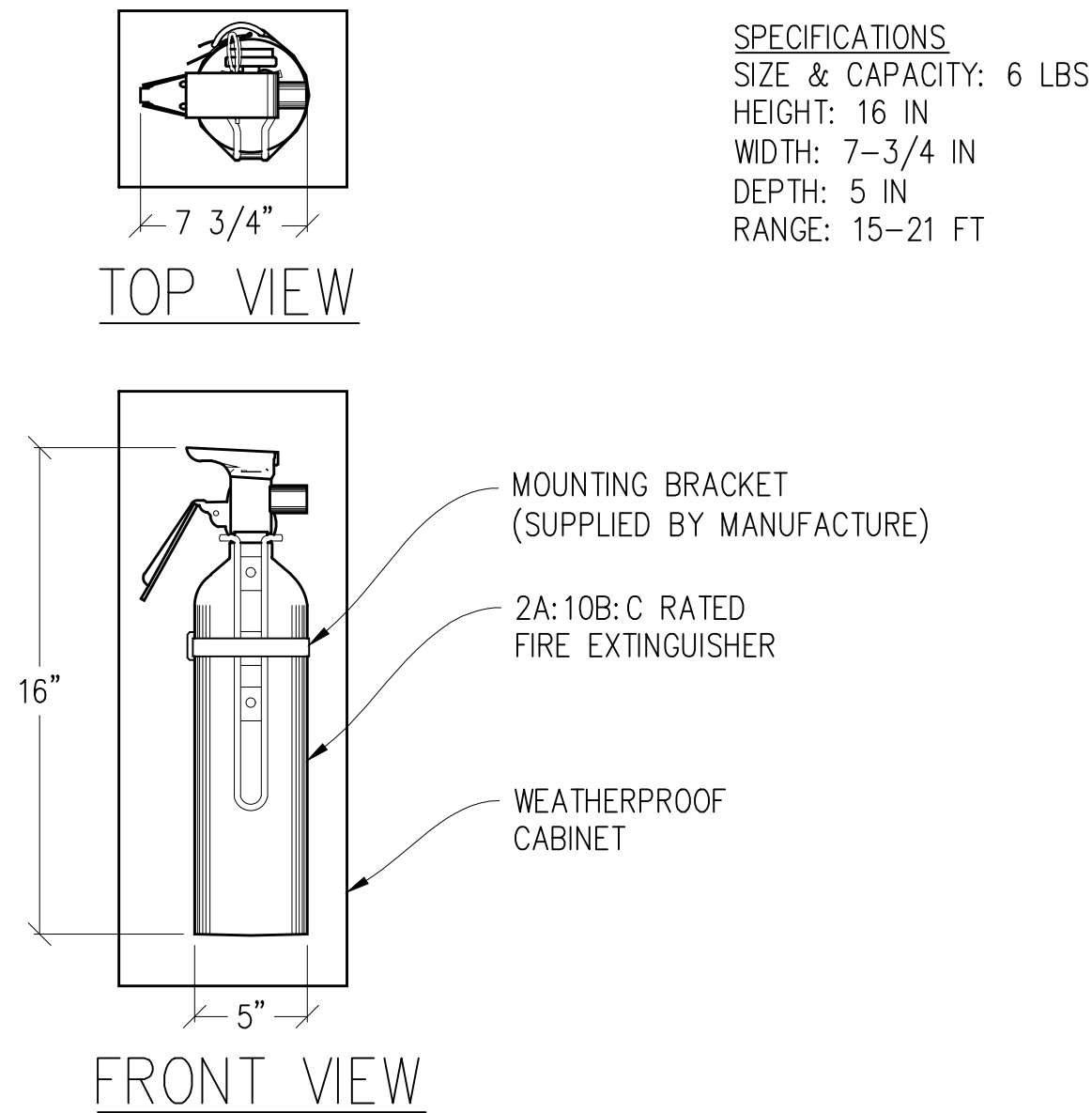
3 ELECTRICAL PANEL
CABINET DETAIL
1/2"=1'-0" MAX WEIGHT: 150 LBS



4 RAYCAP DC50 DETAIL
3/4"=1'-0" MAX WEIGHT: 165 LBS



5 CN 3931 DETAIL
1 1/2"=1'-0" MAX WEIGHT: 28.6 LBS



6 FIRE EXTINGUISHER DETAIL
N.T.S.

Issued For:

CCL06435
VERIZON
COLOCATION

1350 BENNETT VALLEY RD.
SANTA ROSA, CA 95404

PREPARED FOR



5005 Executive Parkway
San Ramon, California 94583

Vendor:



AT&T SITE NO: CCL06435

PROJECT NO: -

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CHECKED BY: -

APPROVED BY: -

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REV	DATE	DESCRIPTION	CAD
1	05/21/24	ZD 100%	T.T.
0	04/01/24	ZD 90%	T.T.

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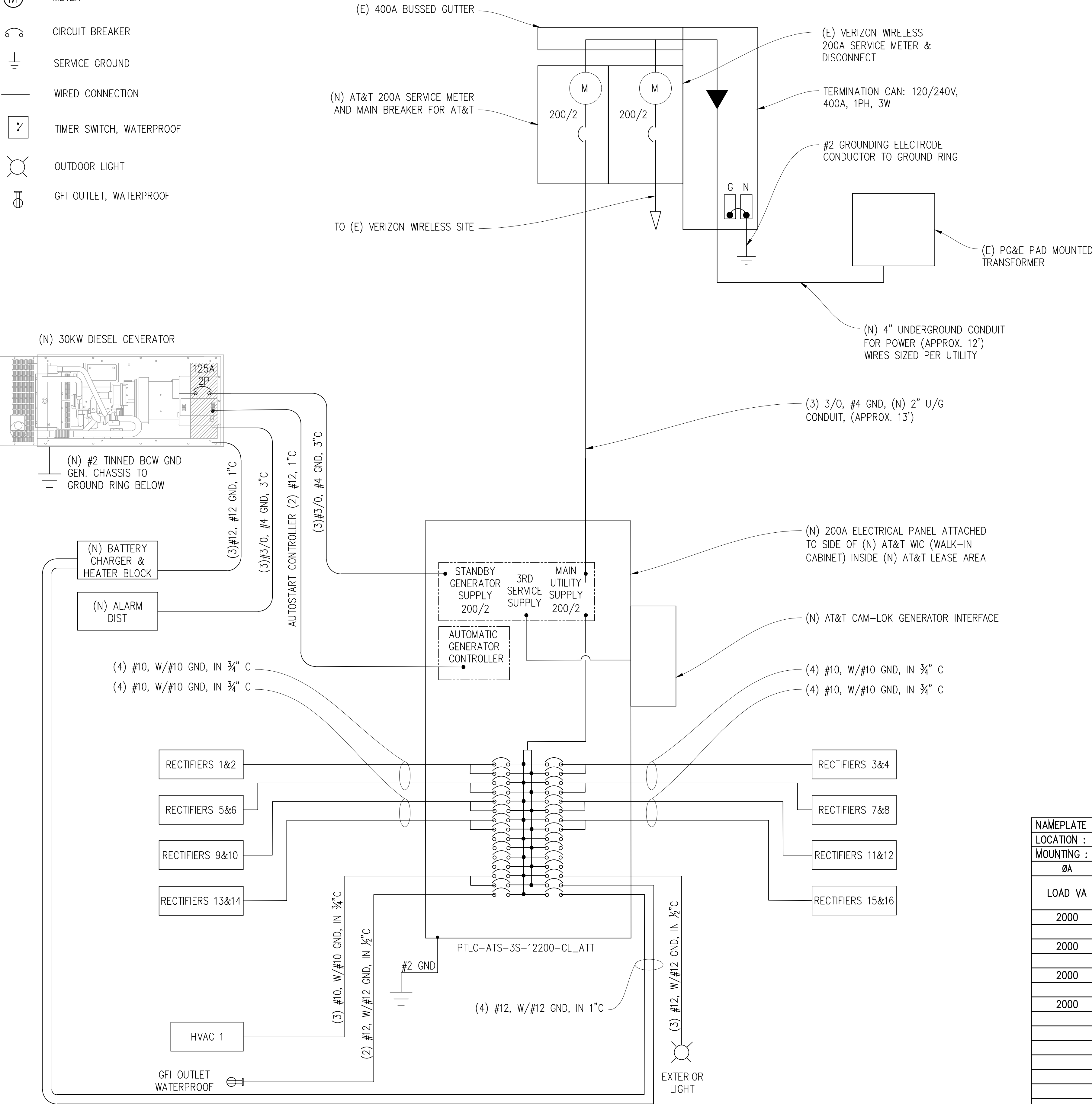
A-4.2

ELECTRICAL LEGEND

- (M)

MECHANICAL INTERLOCK
- (M)

METER
- CIRCUIT BREAKER
- SERVICE GROUND
- WIRED CONNECTION
- TIMER SWITCH, WATERPROOF
- OUTDOOR LIGHT
- GFI OUTLET, WATERPROOF



SINGLE LINE DIAGRAM

PANEL SCHEDULE

NAMEPLATE : PANEL A				SC LEVEL : 22,000				VOLTS: 120V/240V, 1ø			
LOCATION : OUTSIDE						BUS AMPS: 200A					
MOUNTING : WALL						MAIN CB: 200A					
ØA	ØB	LOAD DESCRIPTION	BKR AMP/ POLE	CIRCUIT NO		BKR AMP/ POLE	LOAD DESCRIPTION	ØA	ØB		
LOAD VA	LOAD VA							LOAD VA	LOAD VA		
2000		RECTIFIERS 1&2	30/2	1	2	30/2	RECTIFIERS 3&4	2000			
	2000	" "	" "	3	4	" "	" "		2000		
2000		RECTIFIERS 5&6	30/2	5	6	30/2	RECTIFIERS 7&8	2000			
	2000	" "	" "	7	8	" "	" "		2000		
2000		RECTIFIERS 9&10	30/2	9	10	30/2	RECTIFIERS 11&12	2000			
	2000	" "	" "	11	12	" "	" "		2000		
2000		RECTIFIERS 13&14	30/2	13	14	30/2	RECTIFIERS 15&16	2000			
	2000	" "	" "	15	16	" "	" "		2000		
		BLANK	—	17	18	—	BLANK				
		" "	—	19	20	—	" "				
		" "	—	21	22	—	" "				
		" "	—	23	24	—	" "				
		" "	—	25	26	20/1	EXTERIOR LIGHT/DUPLEX RCPT	300			
		" "	—	27	28	20/1	BATTERY CHARGER BLOCK		1000		
180		RECEPTACLE	20/1	29	30	20/1	BATTERY HEATER BLOCK	250			
8180	8000	PHASE TOTALS					PHASE TOTALS	8550	8000		
TOTAL VA =	32730	TOTAL AMPS =	136								
TOTAL KVA =	32.73										

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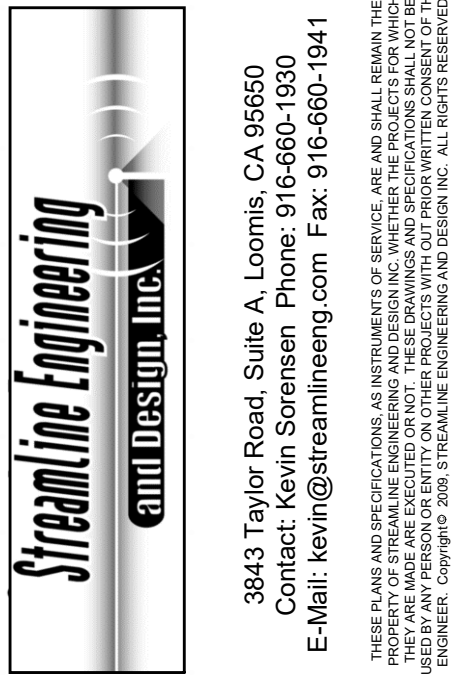
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SHEET NUMBER:

E-1.1