

at&t

AT&T SITE NUMBER: CCL06126 AT&T SITE NAME: CCL06126

3111 BENTON STREET
SANTA CLARA, CA 95051
JURISDICTION: CITY OF SANTA CLARA
APN: 290-27-006

SITE TYPE: OUTDOOR EQUIPMENT / LIGHT POLE

INITIATIVE / PROJECT: NSB
USID: 298767
FA CODE: 15376635
RFDS ID: RFDS-89437
RFDS DATE: 11/08/2024
JOB ID: WSSFR0016626
PTN: 3701A0WFDV

Issued For:

CCL06126
CCL06126

3111 BENTON STREET
SANTA CLARA, CA 95051

PREPARED FOR

5001 Executive Parkway
San Ramon, California 94583

Vendor:

COMPLETE
Wireless Consulting, Inc.

AT&T SITE NO: CCL06126
PROJECT NO: -
DRAWN BY: T.T.
CHECKED BY: J. GRAY
APPROVED BY: -

ISSUE STATUS			
REV	DATE	DESCRIPTION	CAD
0	11/15/24	ZD 95%	T.T.

Licensee:

PRELIMINARY:
NOT FOR
CONSTRUCTION

KEVIN R. SORENSEN
S4469

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ENGINEER:

3840 Taylor Road, Suite A, Lodi, CA 95240
Contact: Kevin Sorensen Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941
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SHEET TITLE:
TITLE SHEET

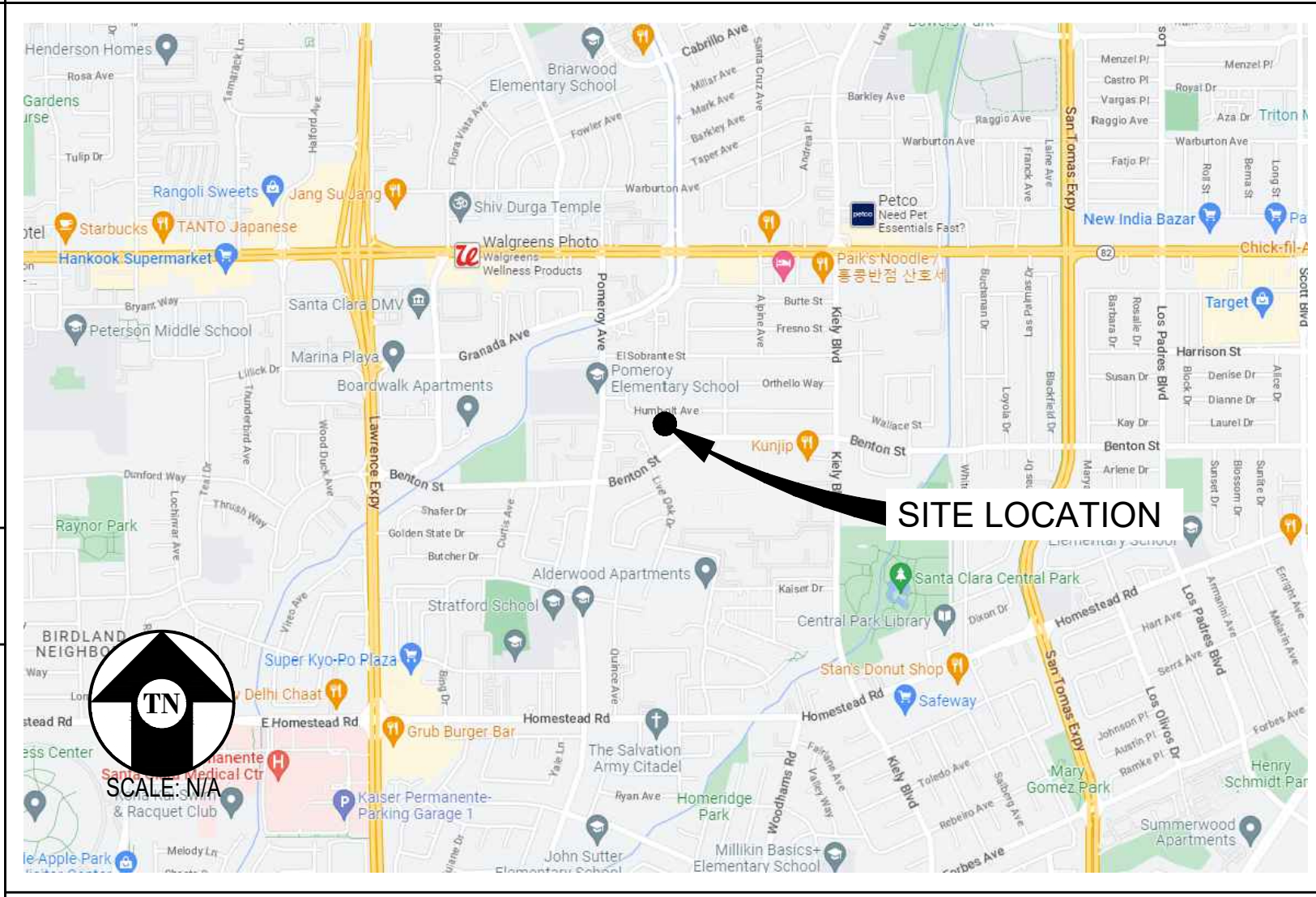
SHEET NUMBER:
T-1.1

PROJECT DESCRIPTION

A (N) AT&T UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF INSTALLING:

- (N) EQUIPMENT LEASE AREA W/ (N) GROUND MOUNTED EQUIPMENT CABINETS & (N) UTILITIES TO (N) SITE LOCATION.
- (3) (N) LIGHT POLES W/ (N) ANTENNAS & ANTENNA EQUIPMENT.

VICINITY MAP



DRIVING DIRECTIONS

FROM: 5001 EXECUTIVE PARKWAY, SAN RAMON, CA 94583
TO: 3111 BENTON STREET, SANTA CLARA, CA 95051

1. HEAD SOUTHWEST 33 FT
2. TURN RIGHT 12 FT
3. TURN LEFT TOWARD EXECUTIVE PKWY 164 FT
4. TURN RIGHT TOWARD EXECUTIVE PKWY 295 FT
5. TURN RIGHT ONTO EXECUTIVE PKWY 0.2 MI
6. TURN RIGHT ONTO CAMINO RAMON 0.6 MI
7. USE THE RIGHT 2 LANES TO TURN RIGHT ONTO BOLLINGER CANYON RD 0.5 MI
8. USE THE RIGHT LANE TO MERGE ONTO I-680 S VIA THE RAMP TO SAN JOSE 0.3 MI
9. MERGE ONTO I-680 S 27.8 MI
10. TAKE EXIT 6 FOR MONTAGUE EXPWY 0.4 MI
11. MERGE ONTO MONTAGUE EXPWY 5.8 MI
12. CONTINUE ONTO SAN TOMAS EXPWY 2.5 MI
13. TURN RIGHT ONTO BENTON ST 0.8 MI
14. TURN LEFT 0.0 MI

END AT: 3111 BENTON STREET, SANTA CLARA, CA 95051
ESTIMATED TIME: 1 HOUR ESTIMATED DISTANCE: 38.8 MILES

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

PROJECT INFORMATION

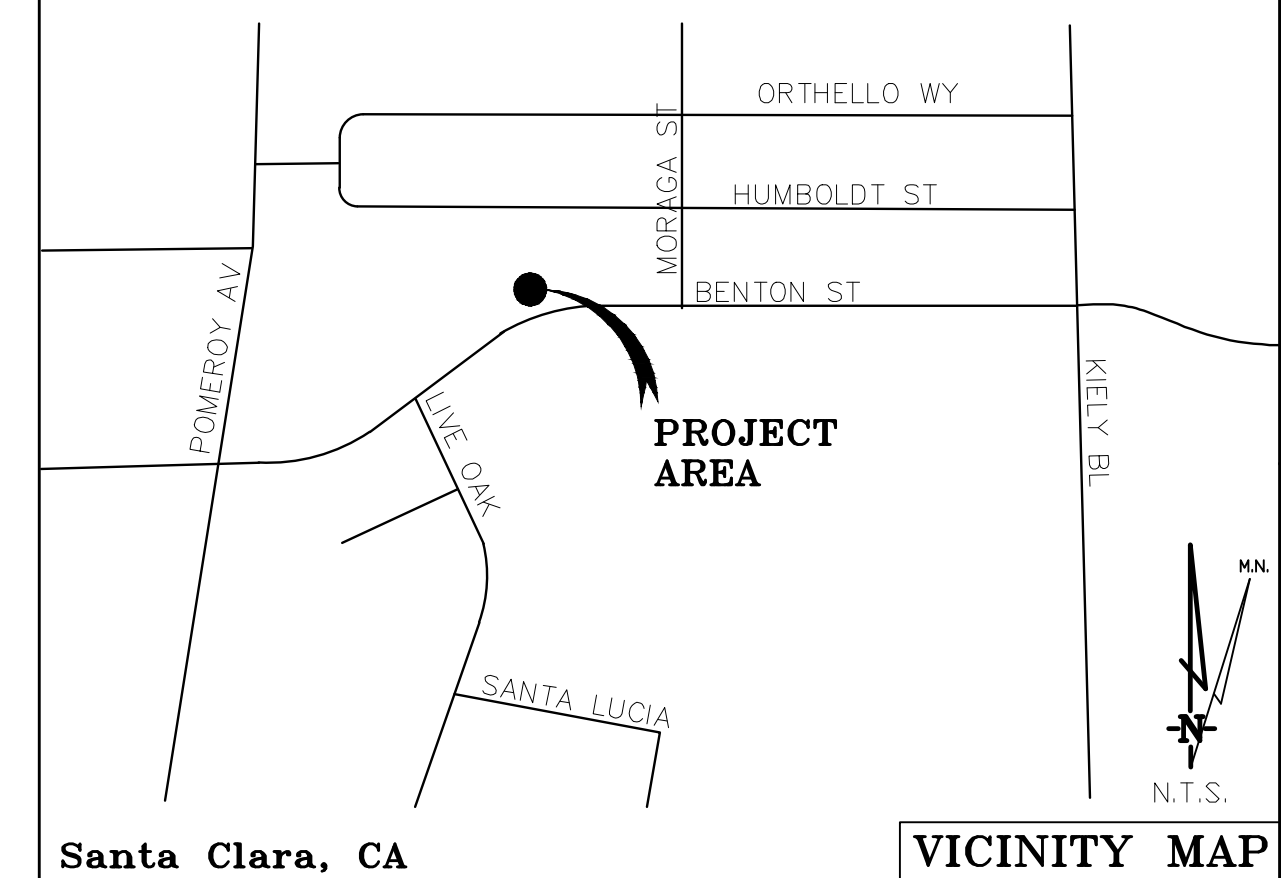
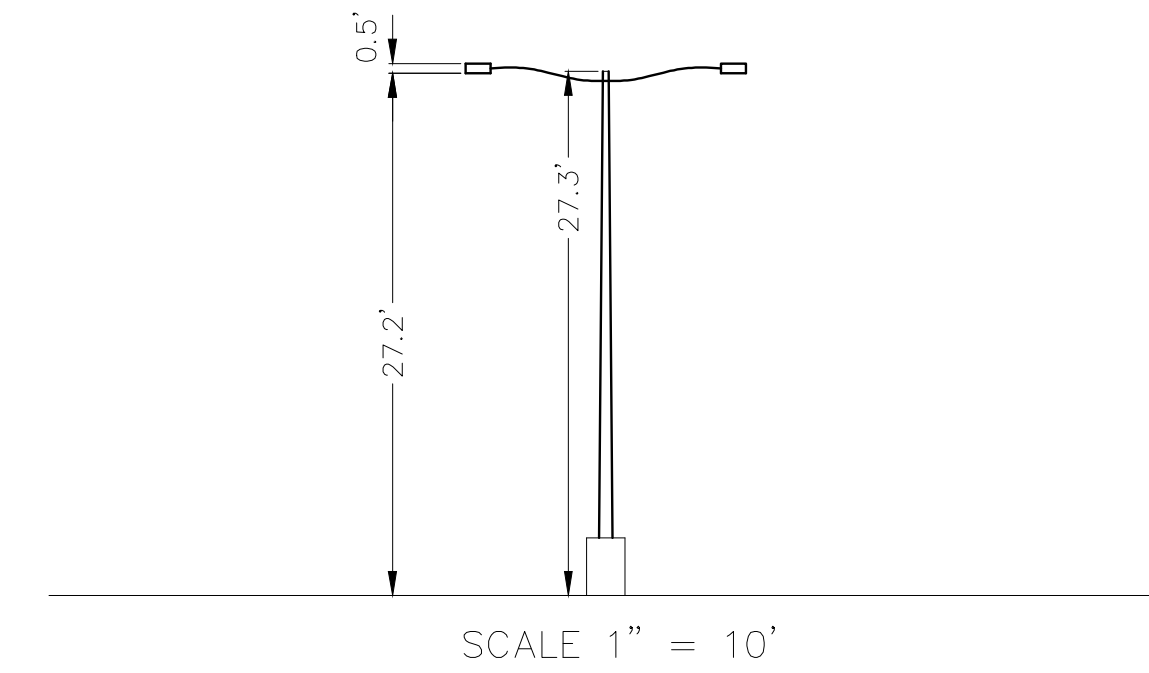
SITE NAME:	CCL06126	SITE ACQUISITION COMPANY:	COMPLETE WIRELESS CONSULTING 2009 Y STREET SACRAMENTO, CA 95818
SITE #:	CCL06126	LEASING CONTACT:	ATTN: ROCKY CORDOVA (916) 616-0468 RCORDOVA@COMPLETEWIRELESS.NET
COUNTY:	SANTA CLARA	ZONING CONTACT:	ATTN: STEVE PROO (916) 838-6713 SPROO@COMPLETEWIRELESS.NET
JURISDICTION:	CITY OF SANTA CLARA	CONSTRUCTION CONTACT:	BECHTEL KEITH CONNER (408) 306-3801 GKCONNER@BECHTEL.COM
APN:	290-27-006		
SITE ADDRESS:	3111 BENTON STREET SANTA CLARA, CA 95051		
CURRENT ZONING:	PUBLIC / QUASI (B)		
CONSTRUCTION TYPE:	V-B		
OCCUPANCY TYPE:	U, (UNMANNED COMMUNICATIONS FACILITY)		
POWER:	SILICON VALLEY POWER		
LATITUDE:	N 37° 20' 48.65" NAD 83 N 37.346847° NAD 83		
LONGITUDE:	W 121° 58' 57.61" NAD 83 W -121.982668° NAD 83		
GROUND ELEVATION:	94' AMSL		
PROPERTY OWNER:	SANTA CLARA FIRST BAPTIST CHURCH 3111 BENTON STREET SANTA CLARA, CA 95051		
APPLICANT:	AT&T MOBILITY 5001 EXECUTIVE PARKWAY SAN RAMON, CA 94583		

SHEET INDEX

SHEET	DESCRIPTION	REV	SHEET	DESCRIPTION	REV
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A-1.2	ENLARGED SITE PLAN	-			
A-1.3	ENLARGED SITE PLAN	-			
A-1.4	EQUIPMENT PLAN	-			
A-2.1	ANTENNA PLANS	-			
A-2.2	ANTENNA SCHEDULE	-			
A-3.1	ELEVATIONS	-			
A-3.2	ELEVATIONS	-			
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E-1.1	ELECTRICAL PLAN	-			

DATE OF SURVEY: 01-19-23
 SURVEYED BY OR UNDER DIRECTION OF: KENNETH D. GEIL, R.C.E. 14803
 LOCATED IN THE COUNTY OF SANTA CLARA, STATE OF CALIFORNIA
 BEARINGS SHOWN ARE BASED UPON MONUMENTS FOUND AND RECORD INFORMATION. THIS IS NOT A BOUNDARY SURVEY.
 ELEVATIONS SHOWN ON THIS PLAN ARE BASED UPON U.S.G.S. N.A.V.D. 88 DATUM. ABOVE MEAN SEA LEVEL.
 N.G.V.D. 1929 CORRECTION: SUBTRACT 2.73' FROM ELEVATIONS SHOWN.
 CONTOUR INTERVAL: N.A.
 FEMA FLOOD ZONE "X" PER FIRM 06085C0226J DATED 05-18-2009
 CONTRACTOR IS RESPONSIBLE TO VERIFY LEASE AREA PRIOR TO CONSTRUCTION.
 ASSESSOR'S PARCEL NUMBER: 290-27-006
 OWNER(S): SANTA CLARA FIRST BAPTIST CHURCH
 3111 BENTON STREET
 SANTA CLARA, CA 95051

A.T. & T.
 Project Name: CCL06126
 Project Site Location: 3111 Benton Street
 Santa Clara, CA 95051
 Santa Clara County
 Assessor's Parcel No.: 290-27-006
 Date of Observation: 01-19-23
 Equipment/Procedure Used to Obtain Coordinates: Trimble GeoXT post processed with Pathfinder Office software.
 Type of Antenna Mount: Light Pole Mounts
 Coordinates: Average Location
 Latitude: N 37°20'48.65" (NAD83) N 37°20'48.86" (NAD27)
 Longitude: W 121°58'57.61" (NAD83) W 121°58'53.76" (NAD27)
 Latitude: N 37.346847° (NAD83) N 37.346906° (NAD27)
 Longitude: W 121.982668° (NAD83) W 121.981599° (NAD27)
 ELEVATION of Ground at Structure (NAVD88) 94' AMSL



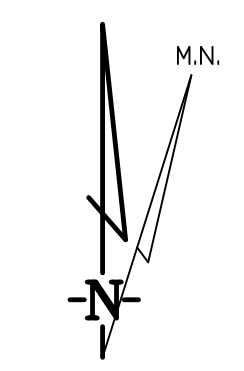
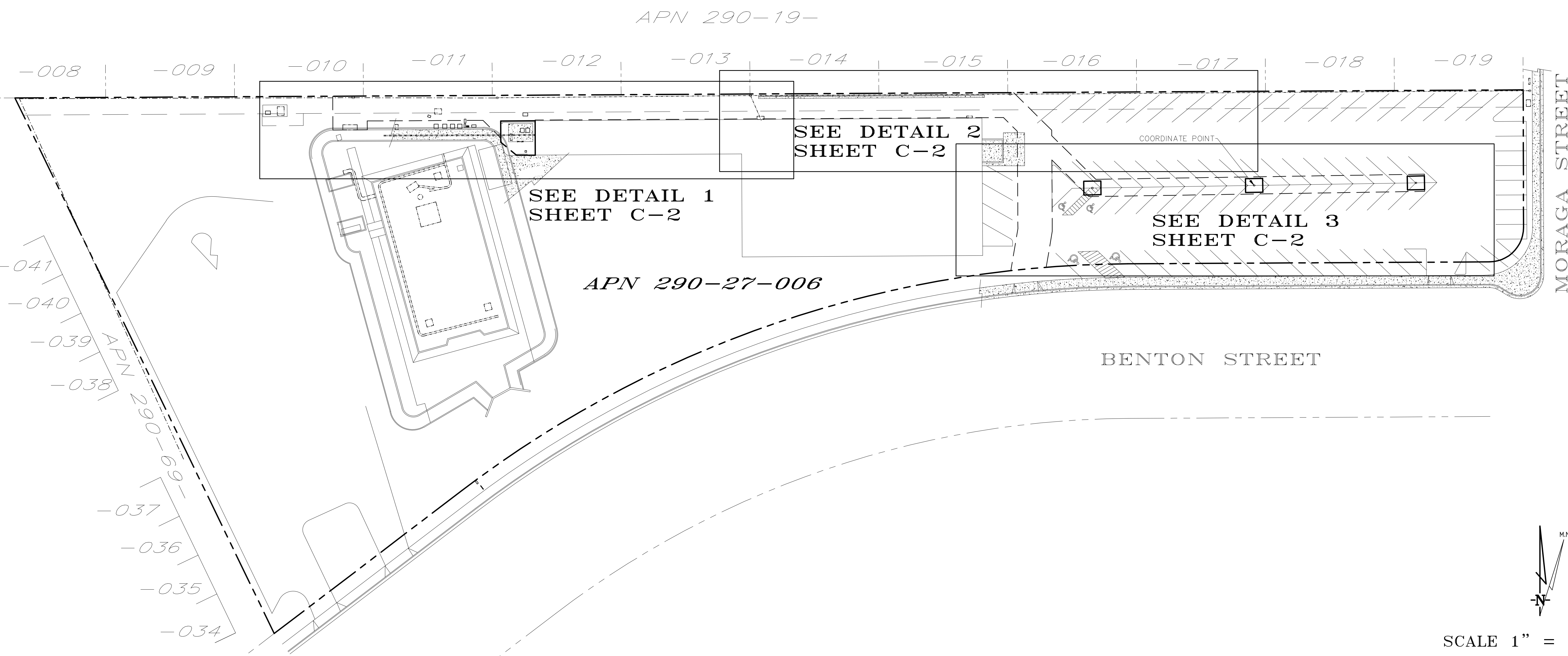
Santa Clara, CA **VICINITY MAP**

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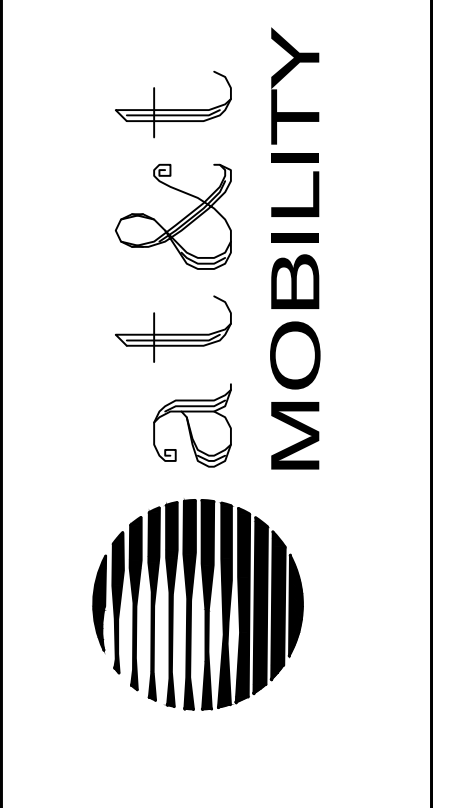
BOUNDARY SHOWN IS BASED ON MONUMENTATION FOUND AND RECORD INFORMATION. THIS IS NOT A BOUNDARY SURVEY. THIS IS A SPECIALIZED TOPOGRAPHIC MAP WITH PROPERTY LINES AND EASEMENTS BEING A GRAPHIC DEPICTION BASED ON INFORMATION GATHERED FROM VARIOUS SOURCES OF RECORD AND AVAILABLE MONUMENTATION FOUND DURING THE FIELD SURVEY. NO EASEMENTS WERE RESEARCHED OR PLOTTED. PROPERTY LINES AND LINES OF TITLE WERE NOT INVESTIGATED NOR SURVEYED. NO PROPERTY MONUMENTS WERE SET.

DEPT	APPROVED	DATE
A&C		
RE		
RF		
INT		
EE\IN		
OPS		
EE\OUT		

GEIL ENGINEERING
 ENGINEERING • SURVEYING • PLANNING
 1228 HIGH STREET
 AUBURN, CALIFORNIA 95603
 Phone: (530) 885-1426
 Fax: (530) 885-1409



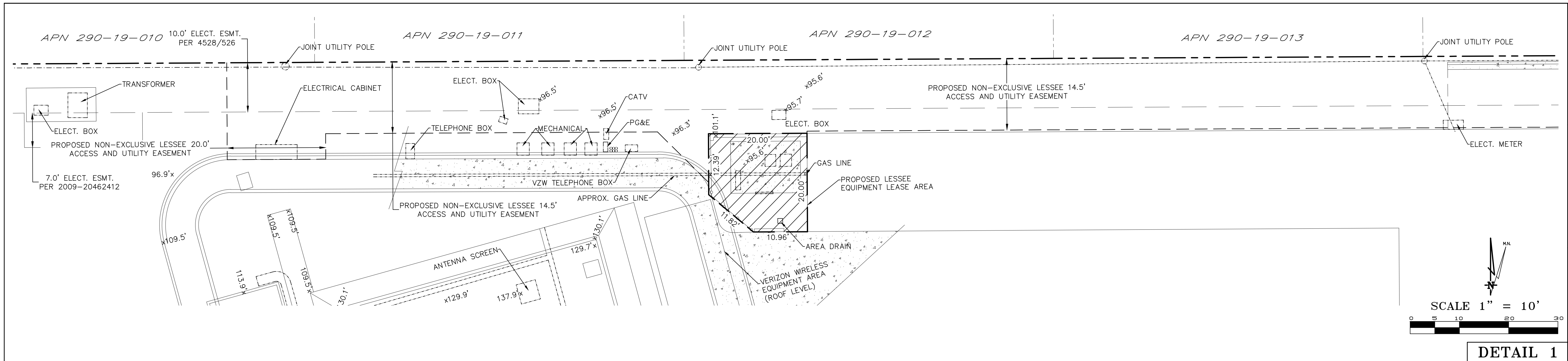
SCALE 1" = 30'
OVERALL PROJECT AREA



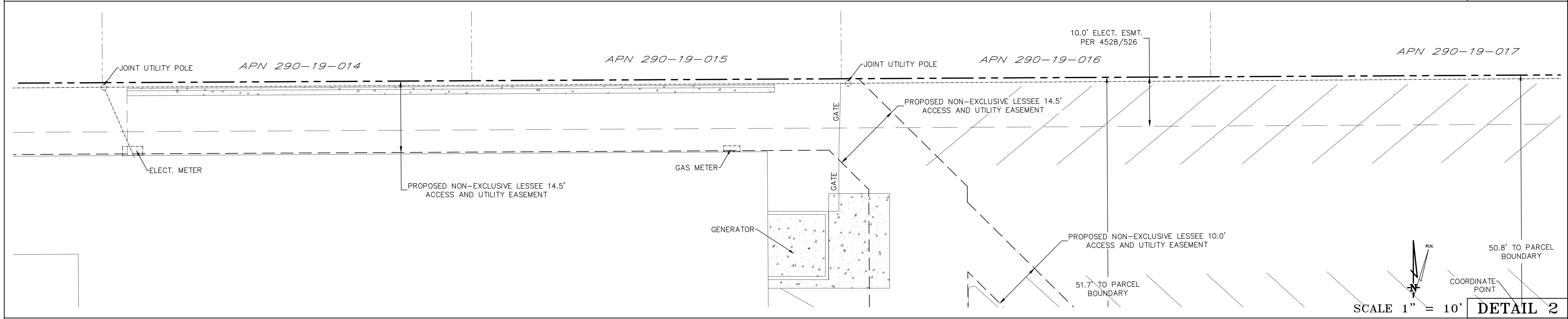
CCL06126
 3111 Benton Street
 Santa Clara, CA 95051
 PLOT PLAN AND
 SITE TOPOGRAPHY

REVISIONS	DWG
01-23-23 Initial Submittal	

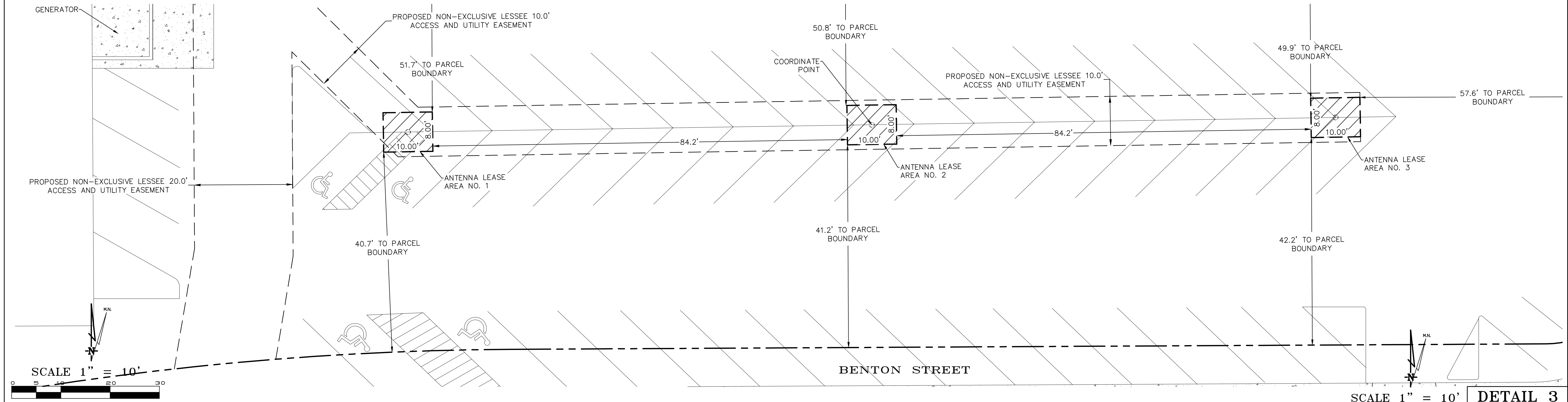
Sheet **C-1**



DETAIL 1



DETAIL 2



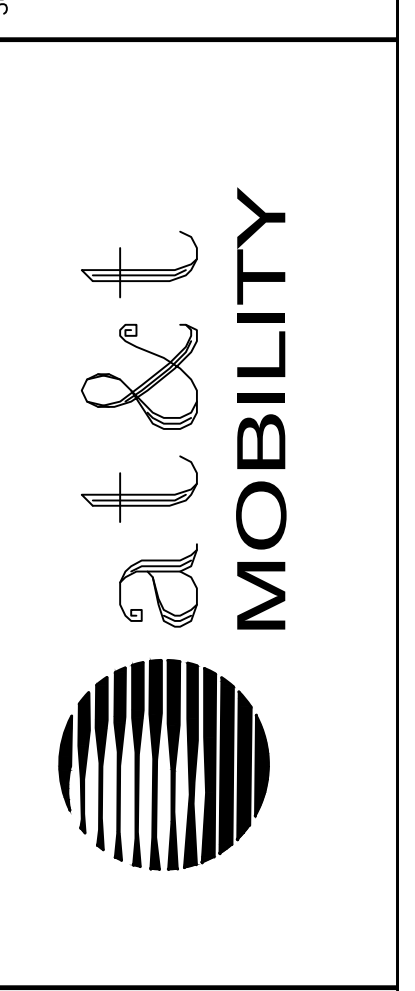
DETAIL 3

DEPT	APPROVED	DATE
A&C		
RE		
RF		
INT		
EE/IN		
OPS		
EE/OUT		

Surveyor

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ENGINEERING • SURVEYING • PLANNING
1228 HIGH STREET
AUBURN, CALIFORNIA 95603
Phone: (530) 885-0305
Fax: (530) 885-0309

Surveyor

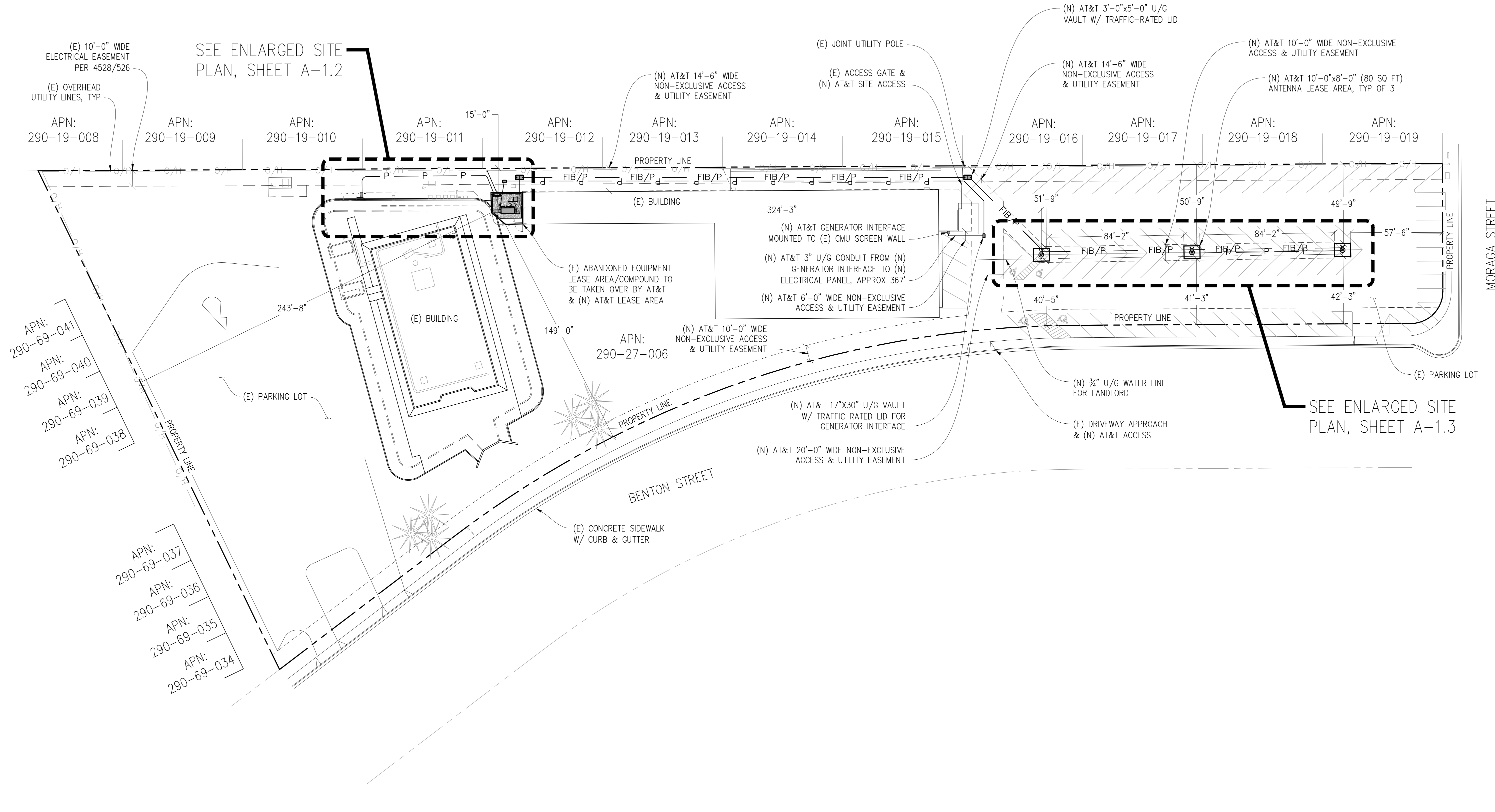


CCL06126
3111 Benton Street
Santa Clara, CA 95051

PLOT PLAN AND
SITE TOPOGRAPHY

Sheet

C-2

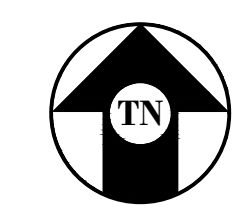


(E) 10'-0" WIDE ELECTRICAL EASEMENT PER 4528/526
 (E) OVERHEAD UTILITY LINES, TYP
 APN: 290-19-008

SEE ENLARGED SITE PLAN, SHEET A-1.2

APN: 290-69-041
 APN: 290-69-040
 APN: 290-69-039
 APN: 290-69-038

APN: 290-69-037
 APN: 290-69-036
 APN: 290-69-035
 APN: 290-69-034



OVERALL SITE PLAN

1"=30'-0"



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CCL06126
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 SANTA CLARA, CA 95051

PREPARED FOR

 5001 Executive Parkway
 San Ramon, California 94583

Vendor:

COMPLETE
 Wireless Consulting, Inc.

AT&T SITE NO: CCL06126
 PROJECT NO: -
 DRAWN BY: T.T.
 CHECKED BY: J. GRAY
 APPROVED BY: -

ISSUE STATUS			
REV	DATE	DESCRIPTION	CAD
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 S4469

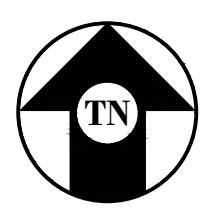
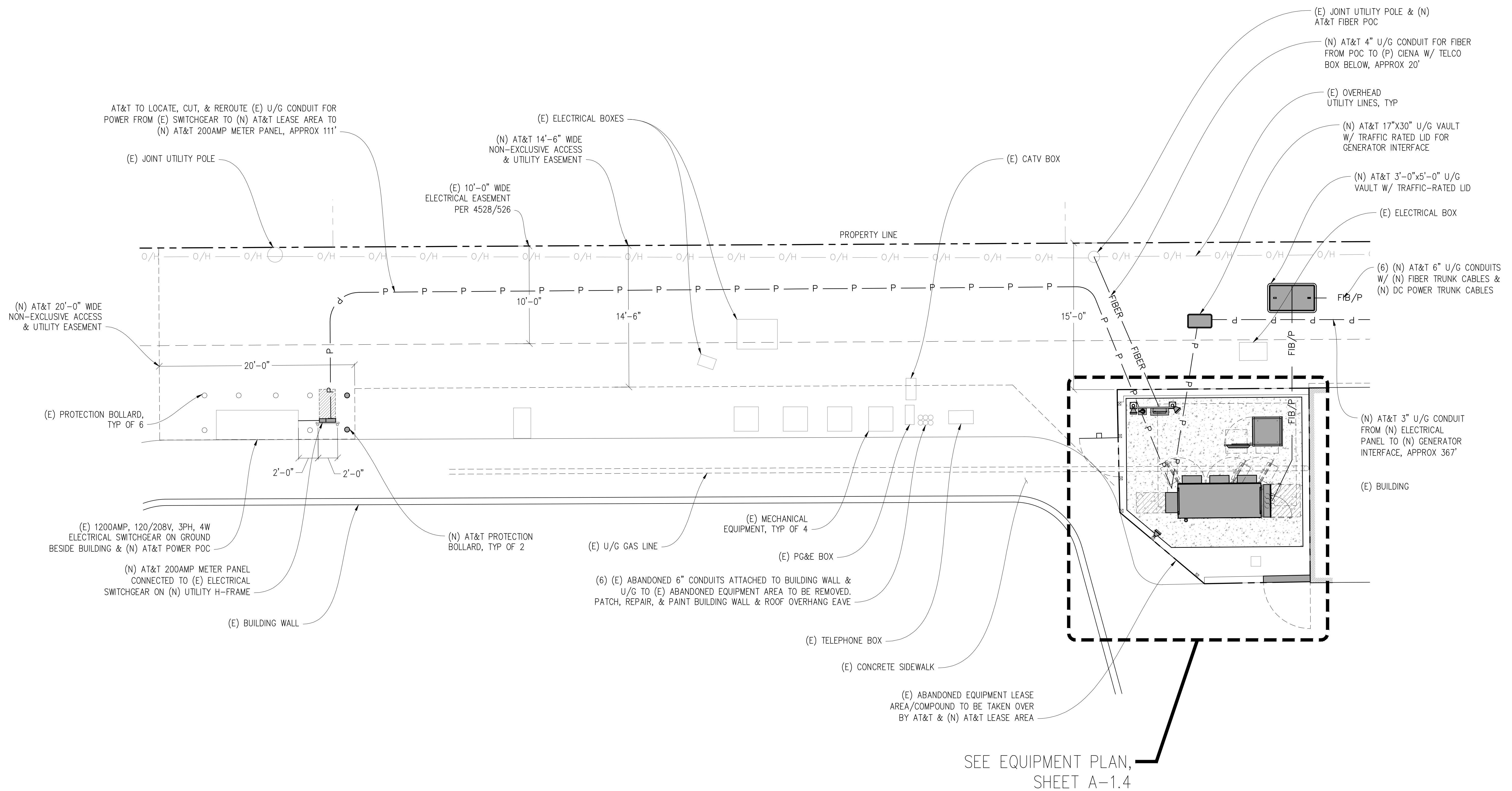
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ENGINEER:

 Streamline Engineering
 3840 Taylor Road, Suite A, Los Altos, CA 94024
 Contact: Kevin SorenSEN Phone: 916-660-1930
 E-Mail: kevin@streamlineeng.com Fax: 916-660-1941
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SHEET TITLE:
OVERALL
SITE PLAN

SHEET NUMBER:
A-1.1



ENLARGED SITE PLAN

1"=5'-0"



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ENGINEER:

3840 Taylor Road, Suite A, Livermore, CA 94550
Contact: Kevin Sorenson Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941
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SHEET TITLE:
**ENLARGED SITE
PLAN**

SHEET NUMBER:
A-1.2

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3111 BENTON STREET
SANTA CLARA, CA 95051

PREPARED FOR



5001 Executive Parkway
San Ramon, California 94583

Vendor:



AT&T SITE NO: CCL06126

PROJECT NO: -

DRAWN BY: T.T.

CHECKED BY: J. GRAY

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E-Mail: kevin@streamlineeng.com Fax: 916-660-1941

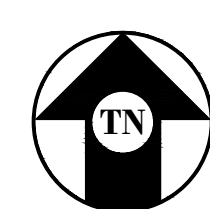
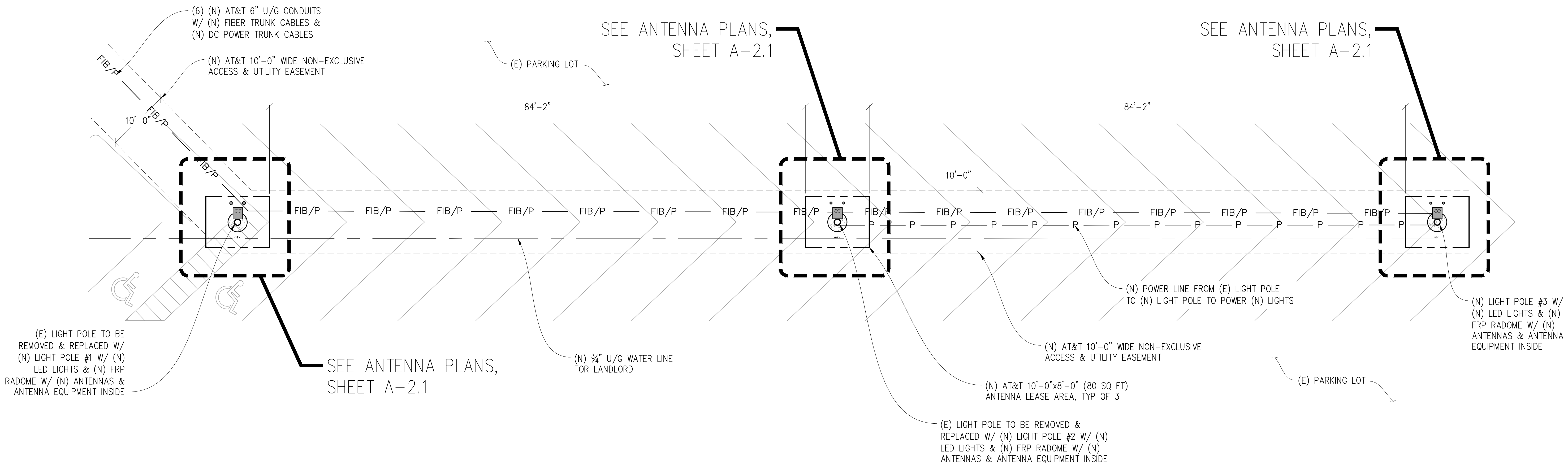
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SHEET TITLE:

ENLARGED SITE
PLAN

SHEET NUMBER:

A-1.3



ENLARGED SITE PLAN

1/8"=1'-0"



NOTE:
ALL (N) LIGHT POLES, LIGHT EXTENSION ARMS, LIGHT
FIXTURES & (N) AT&T ANTENNAS, ANTENNA MOUNTS,
ANTENNA EQUIPMENT & EXPOSED CABLES TO BE
COVERED IN 3M FILM/PAINTED BLACK

Issued For:

CCL06126
CCL06126

3111 BENTON STREET
SANTA CLARA, CA 95051

PREPARED FOR



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San Ramon, California 94583

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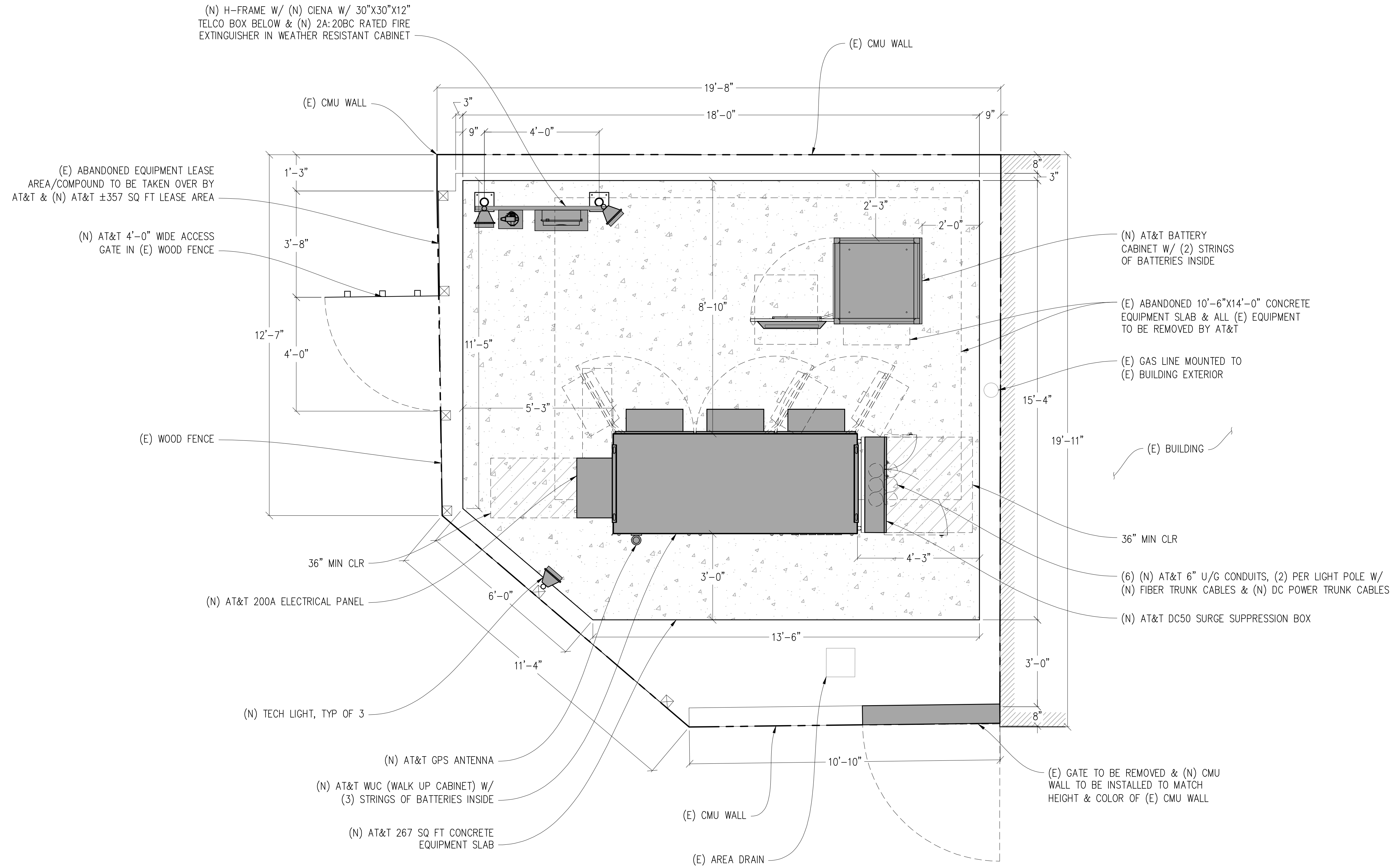
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SHEET TITLE:

EQUIPMENT
PLAN

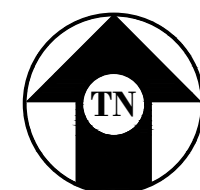
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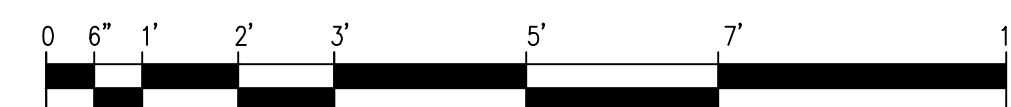
NOTES:

1. ALL (E) ABANDONED U/G CONDUITS UNDER LEASE AREA TO BE REMOVED BY AT&T. LOCATE, REUSE & REROUTE (E) U/G CONDUITS FOR POWER & FIBER FROM OUTSIDE LEASE AREA TO INSIDE LEASE AREA.
2. LOCATE & PROTECT (E) U/G GAS LINE THROUGH LEASE AREA.

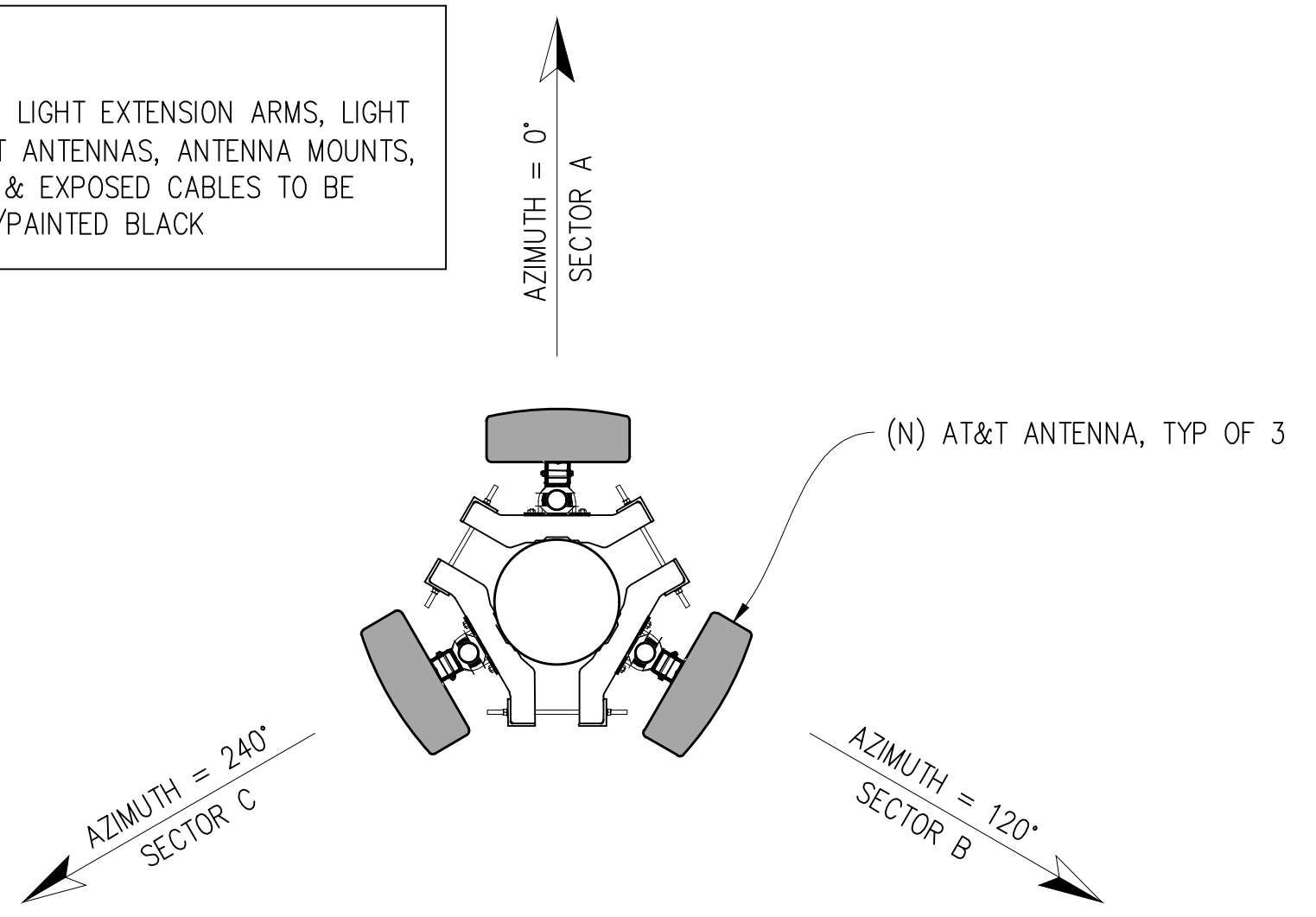


EQUIPMENT PLAN

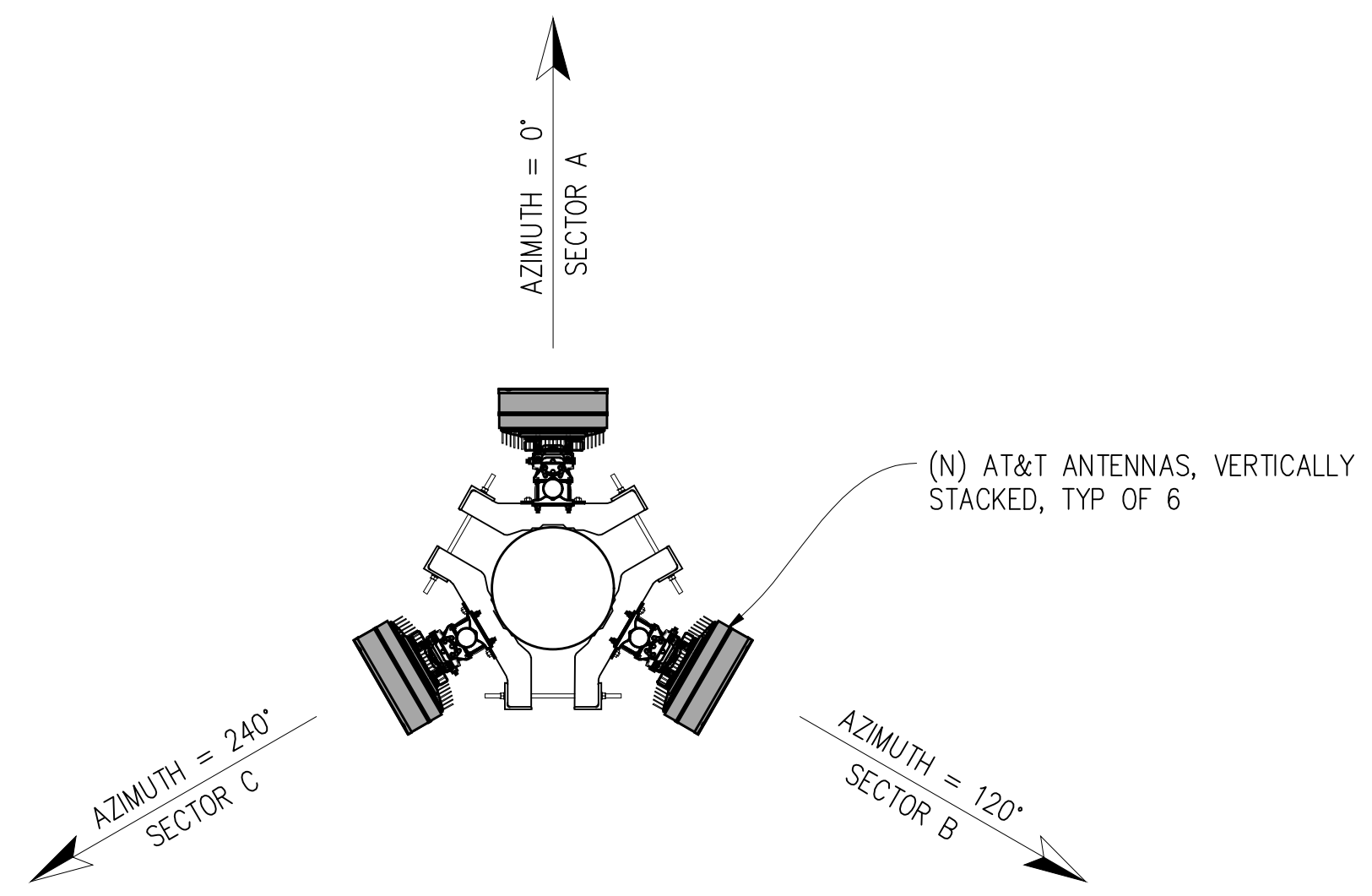
1/2"=1'-0"



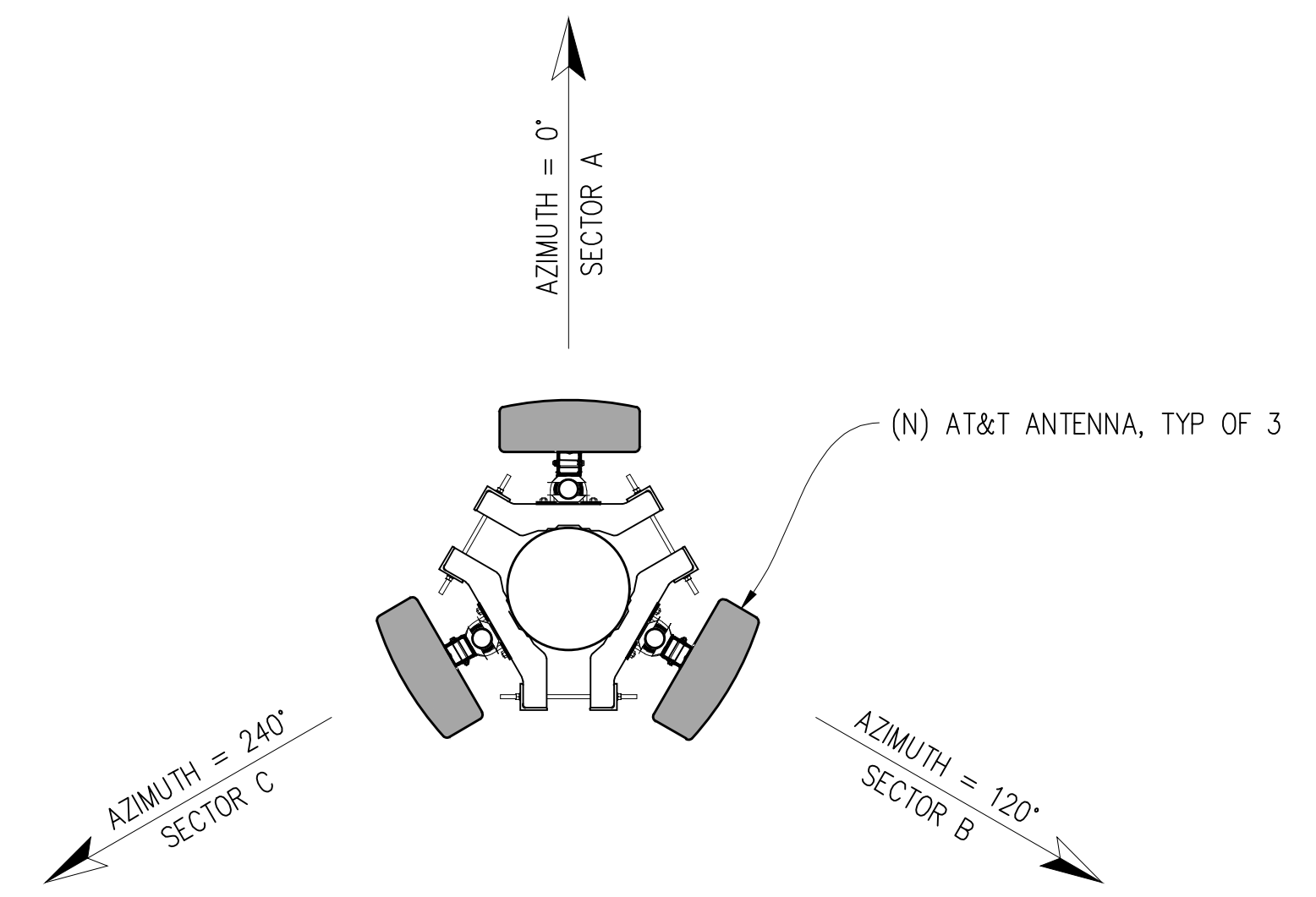
NOTE:
ALL (N) LIGHT POLES, LIGHT EXTENSION ARMS, LIGHT FIXTURES & (N) AT&T ANTENNAS, ANTENNA MOUNTS, ANTENNA EQUIPMENT & EXPOSED CABLES TO BE COVERED IN 3M FILM/PAINTED BLACK



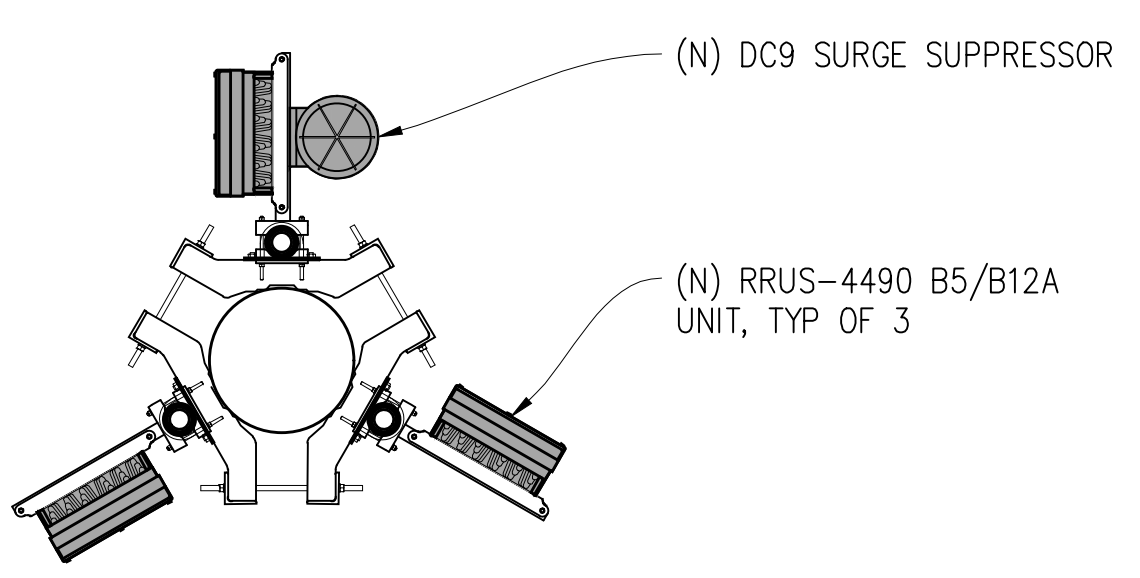
LIGHT POLE #1 ANTENNA PLAN
1/2"=1'-0"



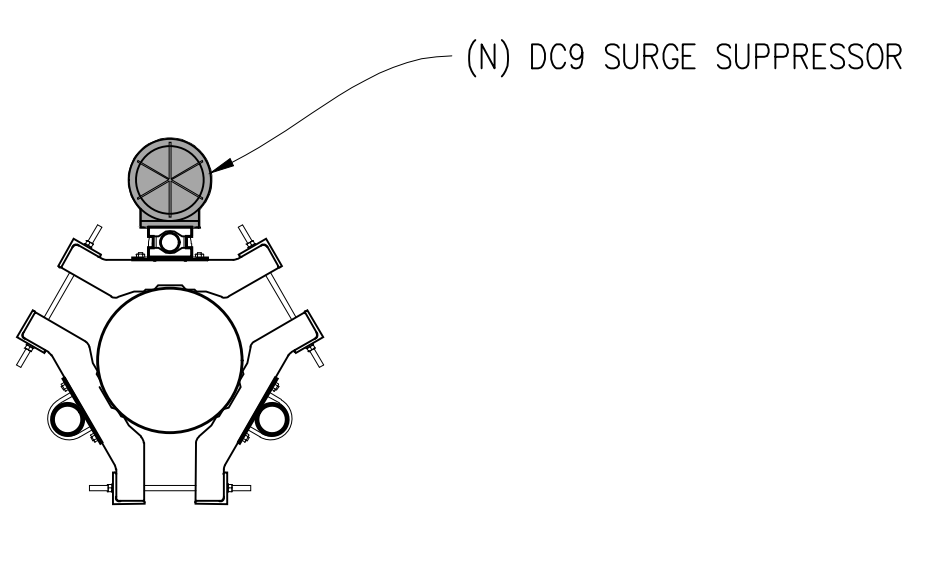
LIGHT POLE #2 ANTENNA PLAN
1/2"=1'-0"



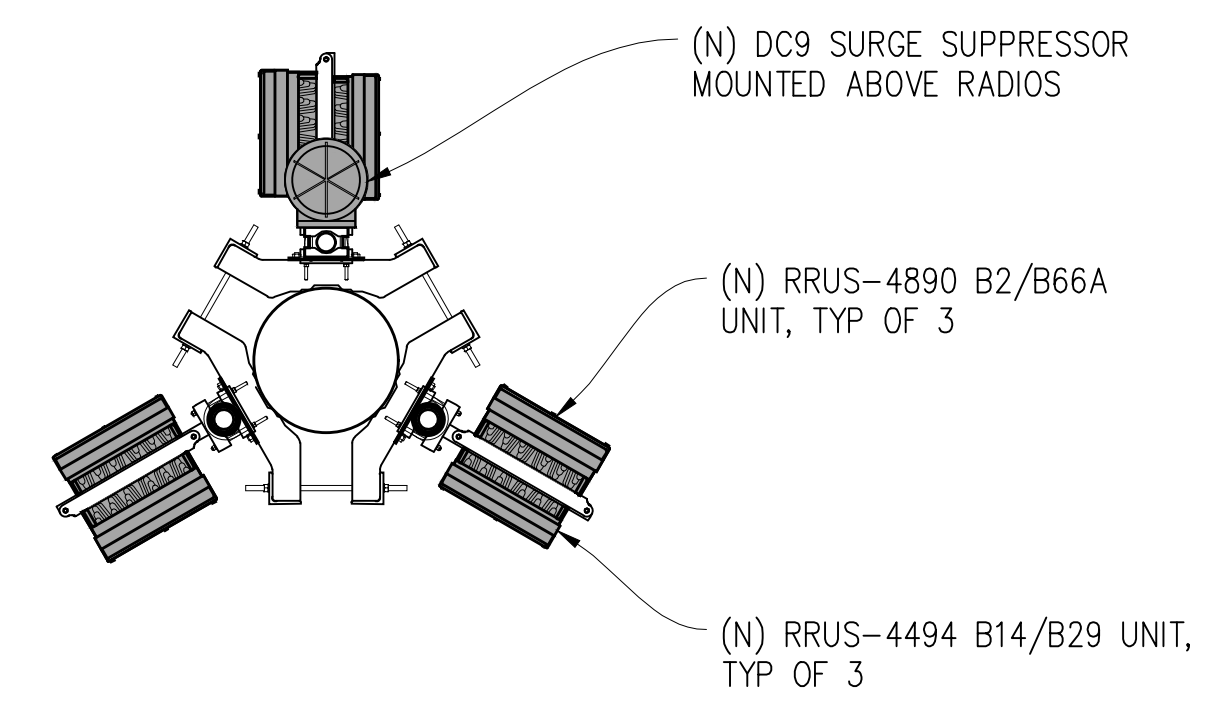
LIGHT POLE #3 ANTENNA PLAN
1/2"=1'-0"



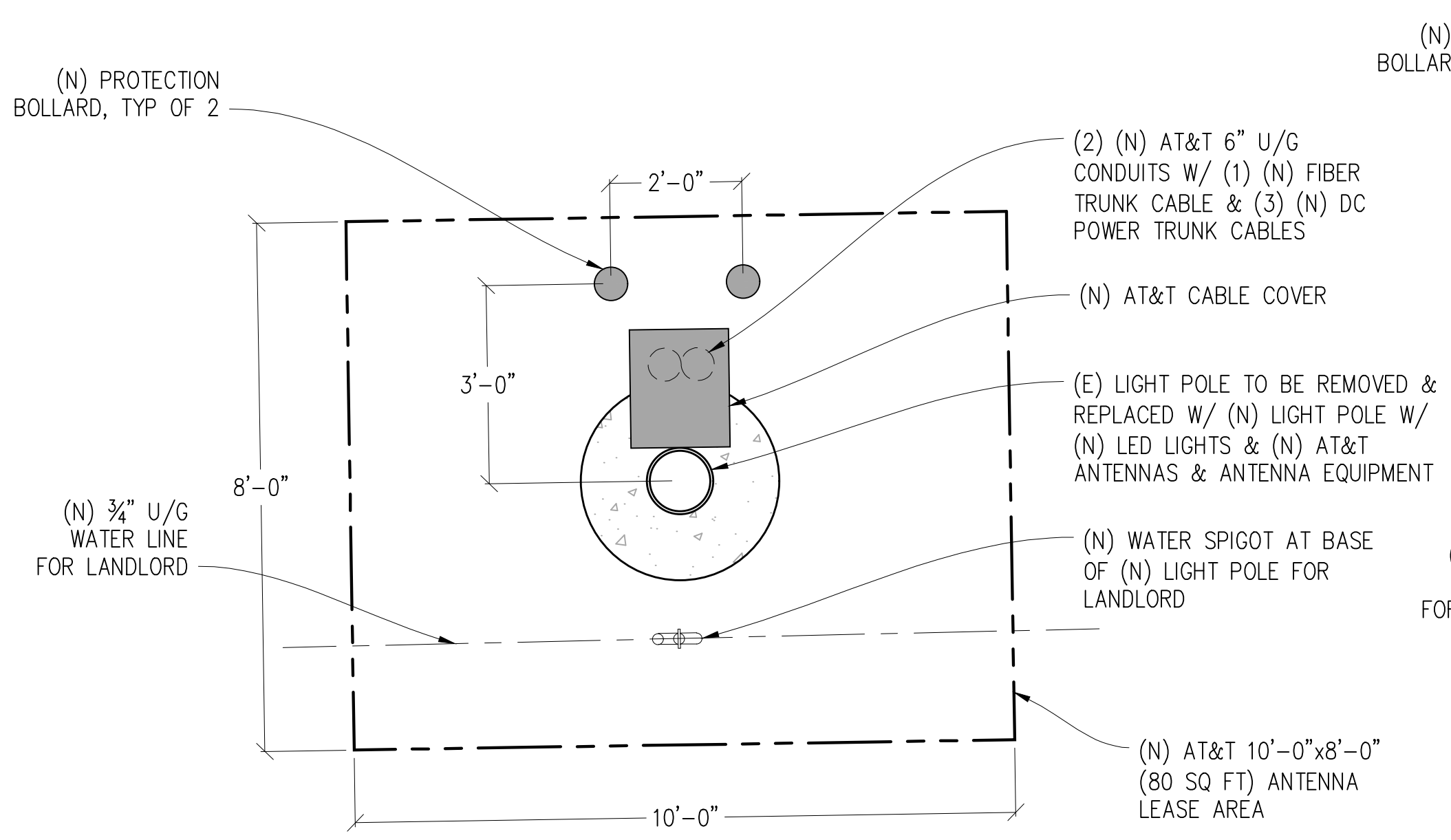
LIGHT POLE #1 RRU PLAN
1/2"=1'-0"



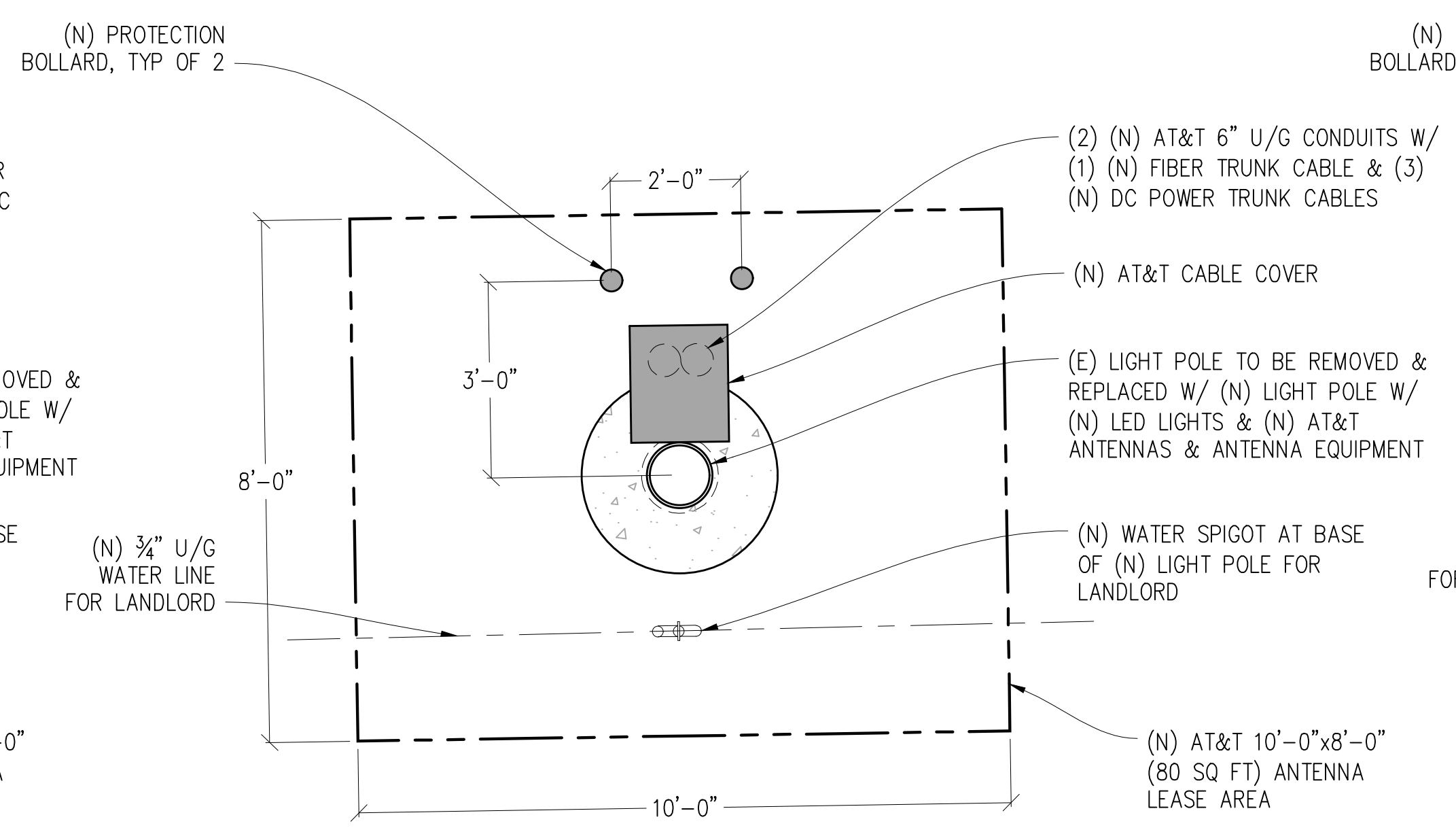
LIGHT POLE #2 RRU PLAN
1/2"=1'-0"



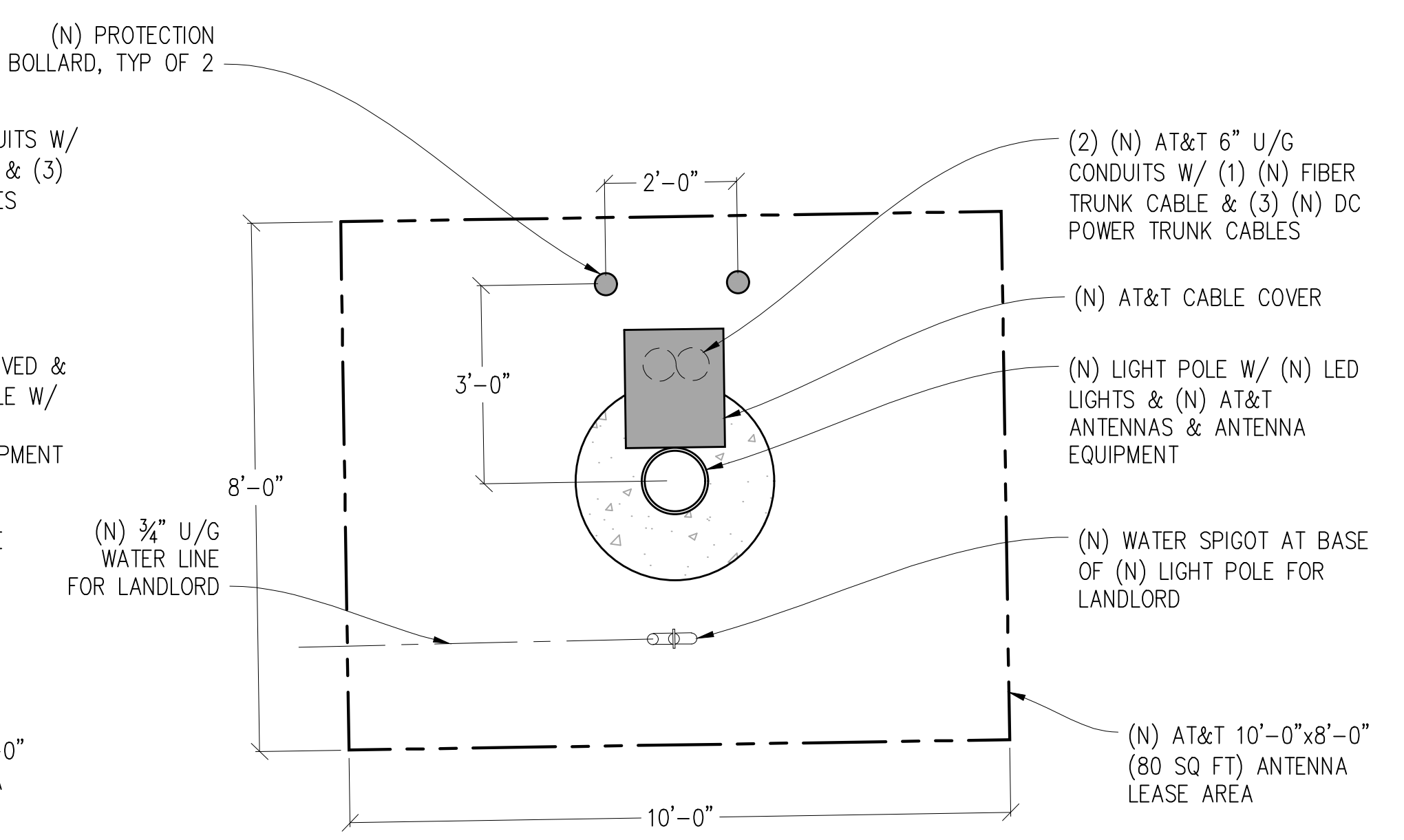
LIGHT POLE #3 RRU PLAN
1/2"=1'-0"



LIGHT POLE #1 BASE PLAN
1/2"=1'-0"



LIGHT POLE #2 BASE PLAN
1/2"=1'-0"



LIGHT POLE #3 BASE PLAN
1/2"=1'-0"

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CCL06126
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3111 BENTON STREET
SANTA CLARA, CA 95051

PREPARED FOR
at&t
5001 Executive Parkway
San Ramon, California 94583

Vendor:
COMPLETE
Wireless Consulting, Inc.

AT&T SITE NO: CCL06126
PROJECT NO: -
DRAWN BY: T.T.
CHECKED BY: J. GRAY
APPROVED BY: -

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Streamline Engineering
3843 Taylor Road, Suite A, Livermore, CA 94550
Contact: Kevin Sorensen Phone: 916-660-1930
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941
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SHEET TITLE:
ANTENNA PLANS

SHEET NUMBER:
A-2.1

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SHEET TITLE:

ANTENNA
SCHEDULE

SHEET NUMBER:

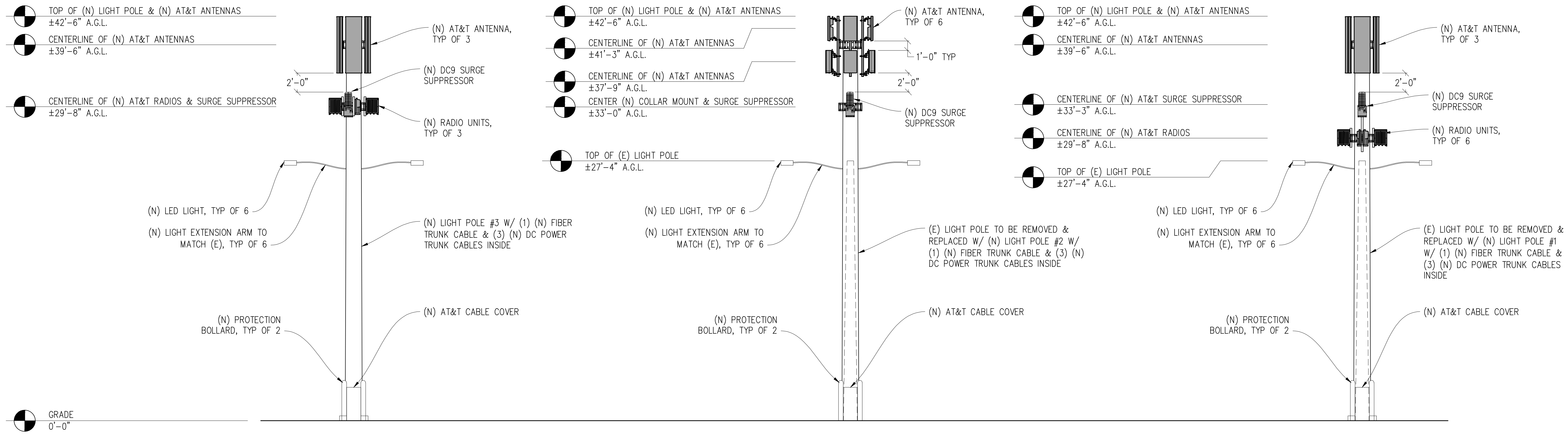
A-2.2

(N) RF SCHEDULE (PRELIMINARY & SUBJECT TO CHANGE)

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
ALPHA	A1	CCI OPA65R-BU6D	0°	±39'-6"	(1) RRUS-4490 B5/B12A	3	1	±400'	(1) DC9	-
	A2A	ERICSSON AIR6419 B77G	0°	±41'-3"	INTEGRATED	3	1	±490'	(1) DC9	-
	A2B	ERICSSON AIR6449 B77D	0°	±37'-9"	INTEGRATED	SHARED	SHARED	SHARED	SHARED	-
	A3	CCI TPA65R-BU6DV2	0°	±39'-6"	(1) RRUS-4494 B14/B29, (1) RRUS-4890 B2/B66A	3	1	±585'	(1) DC9	-
BETA	B1	CCI OPA65R-BU6D	120°	±39'-6"	(1) RRUS-4490 B5/B12A	SHARED	SHARED	SHARED	SHARED	-
	B2A	ERICSSON AIR6419 B77G	120°	±41'-3"	INTEGRATED	SHARED	SHARED	SHARED	SHARED	-
	B2B	ERICSSON AIR6449 B77D	120°	±37'-9"	INTEGRATED	SHARED	SHARED	SHARED	SHARED	-
	B3	CCI TPA65R-BU6DV2	120°	±39'-6"	(1) RRUS-4494 B14/B29, (1) RRUS-4890 B2/B66A	SHARED	SHARED	SHARED	SHARED	-
GAMMA	C1	CCI OPA65R-BU6D	240°	±39'-6"	(1) RRUS-4490 B5/B12A	SHARED	SHARED	SHARED	SHARED	-
	C2A	ERICSSON AIR6419 B77G	240°	±41'-3"	INTEGRATED	SHARED	SHARED	SHARED	SHARED	-
	C2B	ERICSSON AIR6449 B77D	240°	±37'-9"	INTEGRATED	SHARED	SHARED	SHARED	SHARED	-
	C3	CCI TPA65R-BU6DV2	240°	±39'-6"	(1) RRUS-4494 B14/B29, (1) RRUS-4890 B2/B66A	SHARED	SHARED	SHARED	SHARED	-

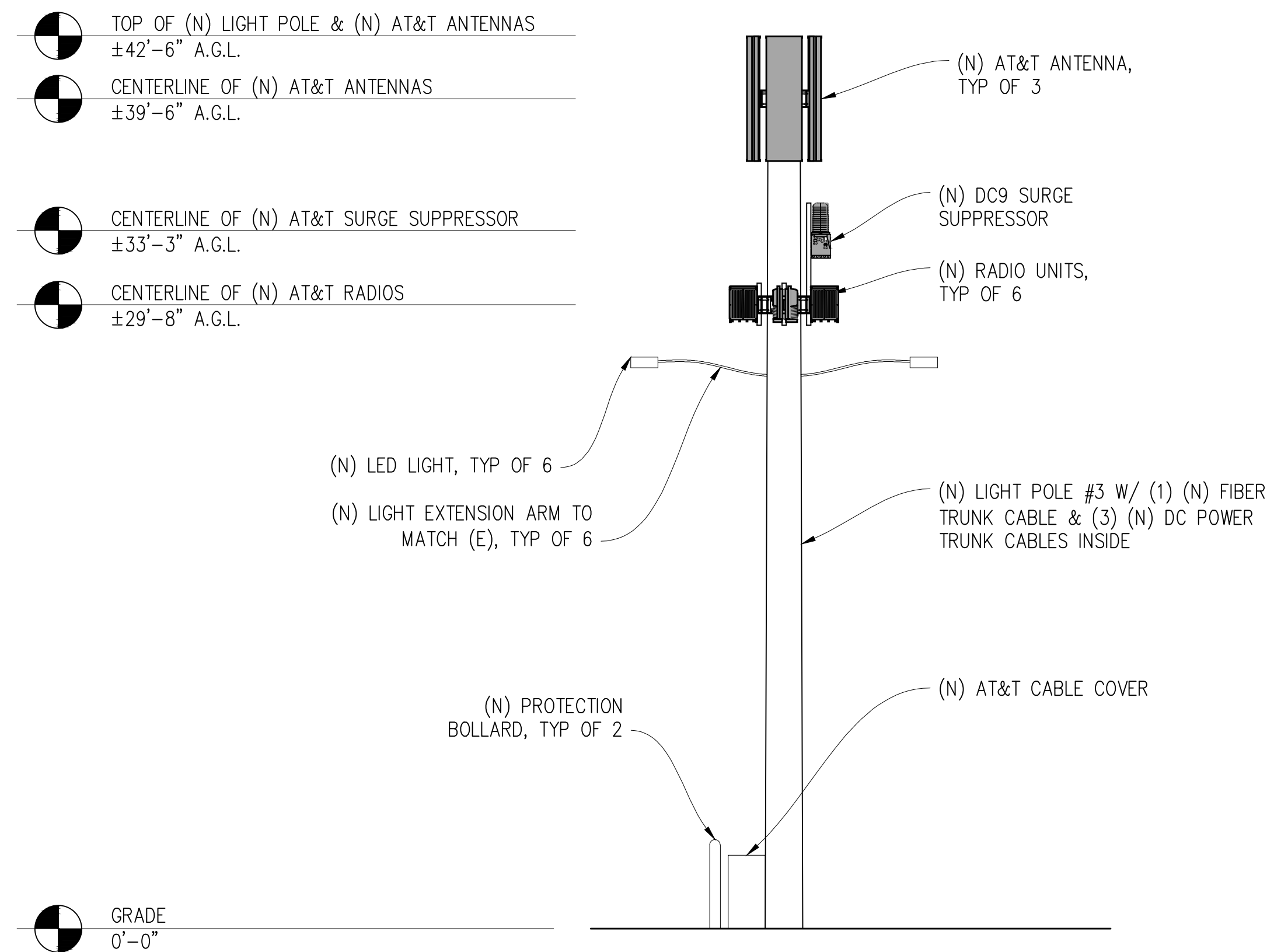
RFDS DATE 11/08/24

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



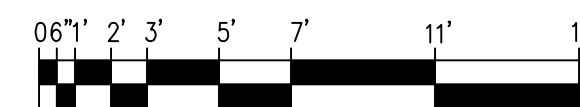
NORTH ELEVATION

3/16"=1'-0"



EAST ELEVATION

3/16"=1'-0"



NOTE: (N) LED LIGHTS TO BE INSTALLED AT SAME HEIGHT AS (E) LIGHTS

NOTE:
 ALL (N) LIGHT POLES, LIGHT EXTENSION ARMS, LIGHT FIXTURES & (N) AT&T ANTENNAS, ANTENNA MOUNTS, ANTENNA EQUIPMENT & EXPOSED CABLES TO BE COVERED IN 3M FILM/PAINTED BLACK

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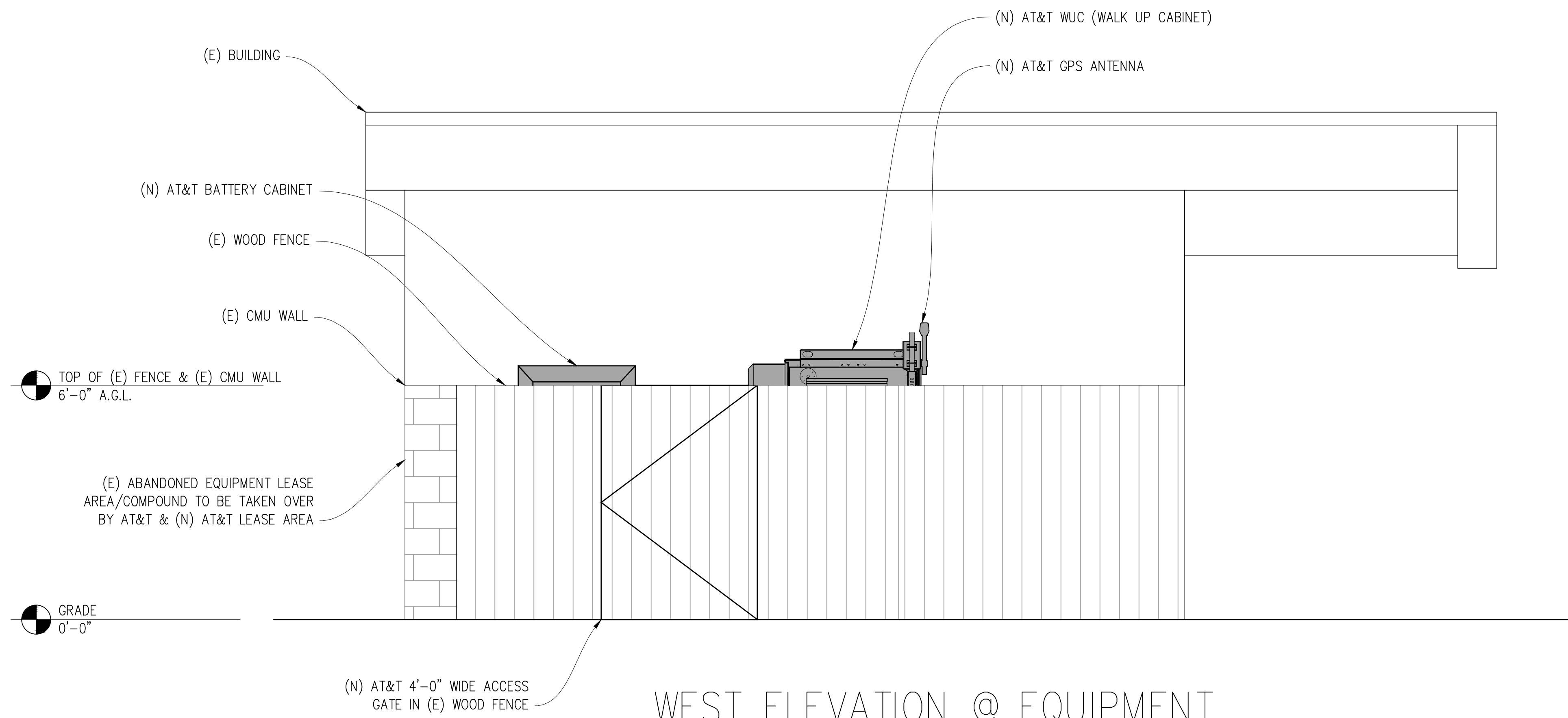
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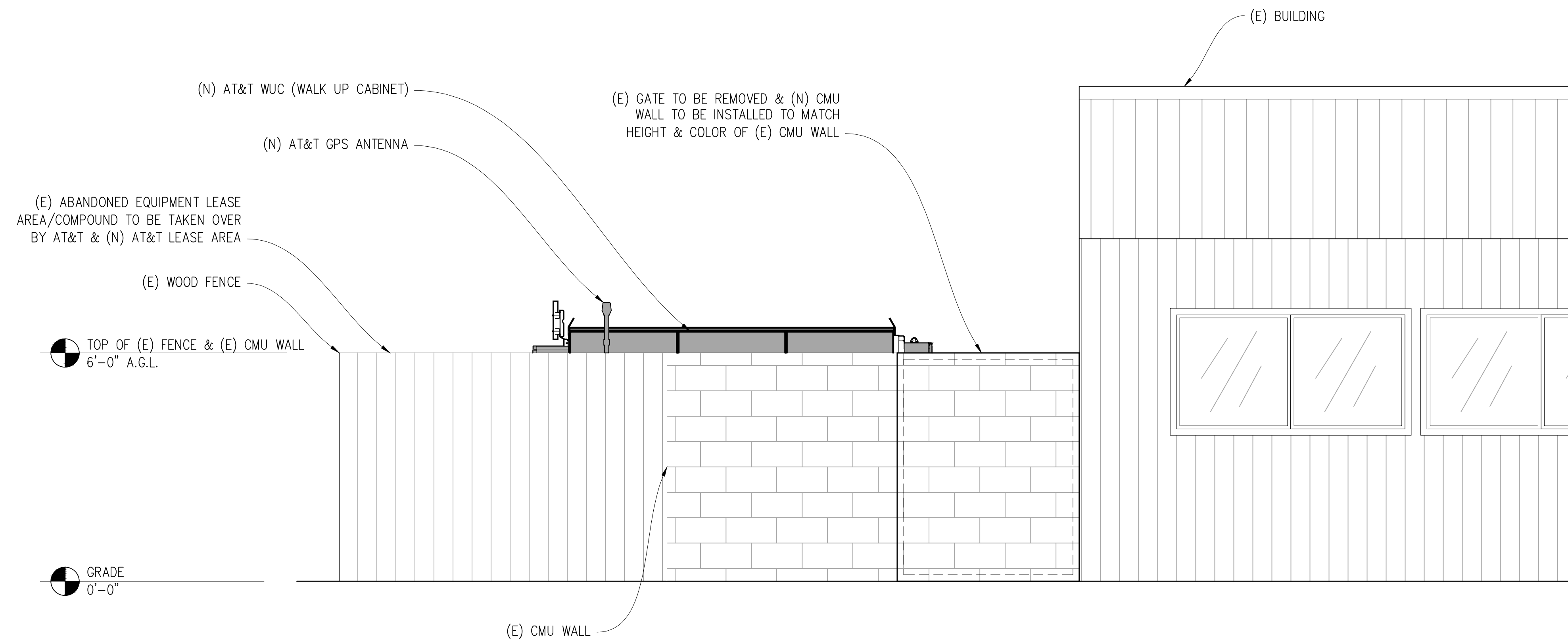
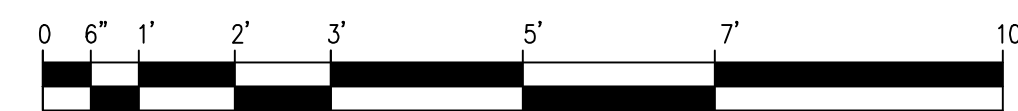
SHEET TITLE:
ELEVATIONS

SHEET NUMBER:
A-3.1



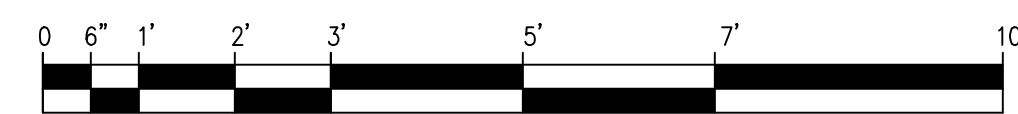
WEST ELEVATION @ EQUIPMENT

1/2" = 1'-0"



SOUTH ELEVATION @ EQUIPMENT

1/2" = 1'-0"



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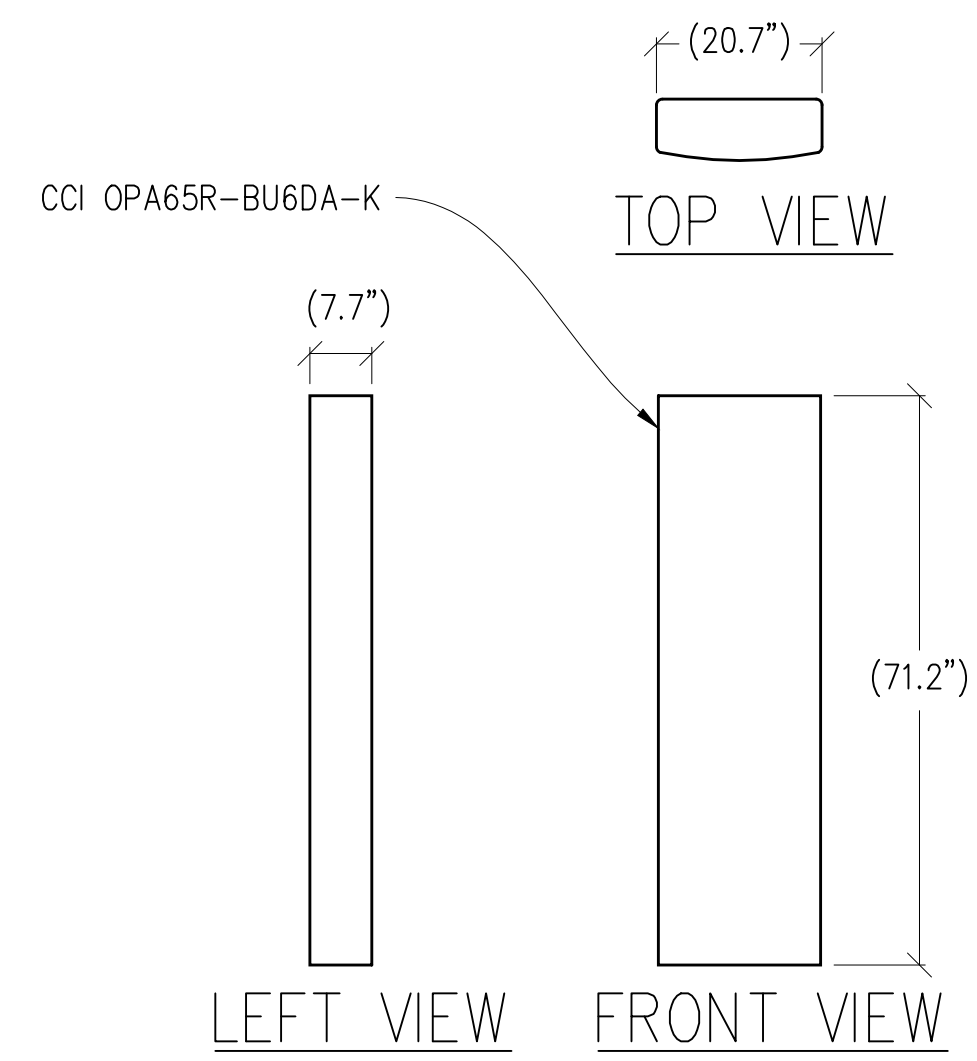
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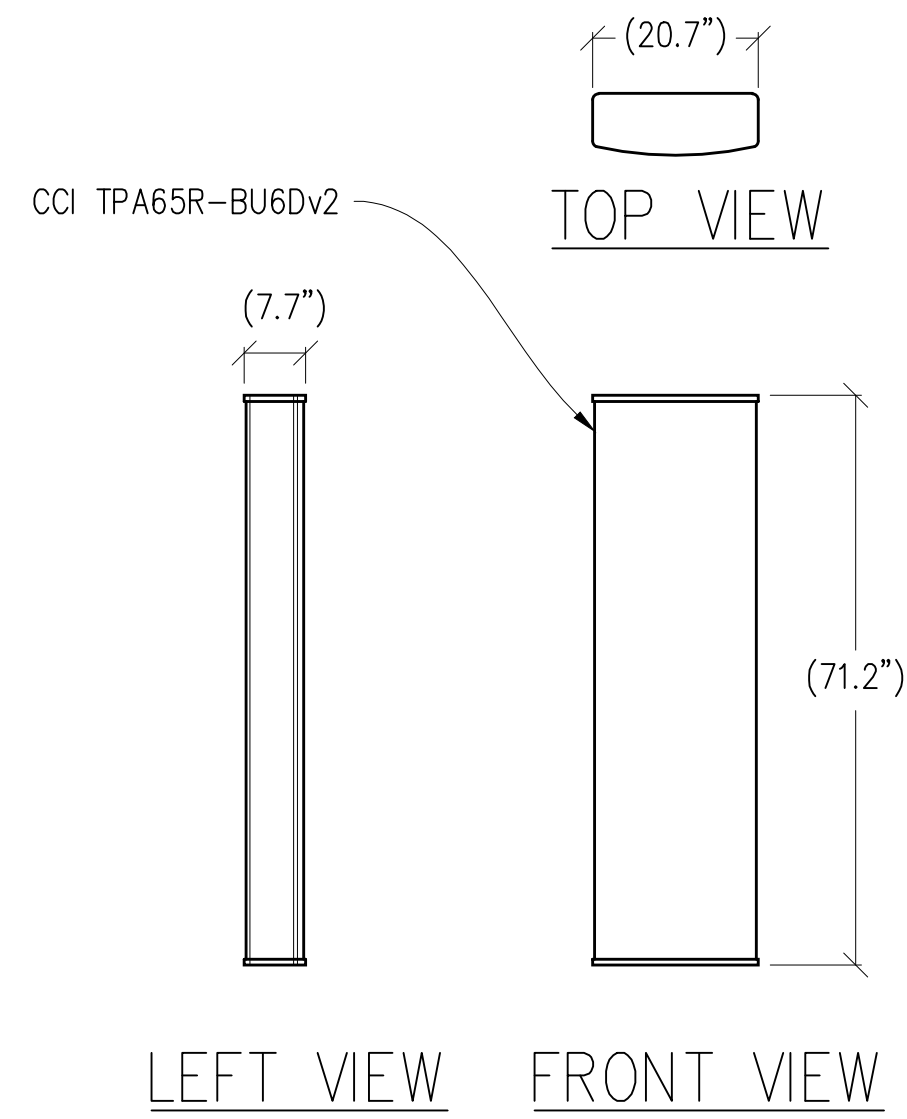
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ELEVATIONS

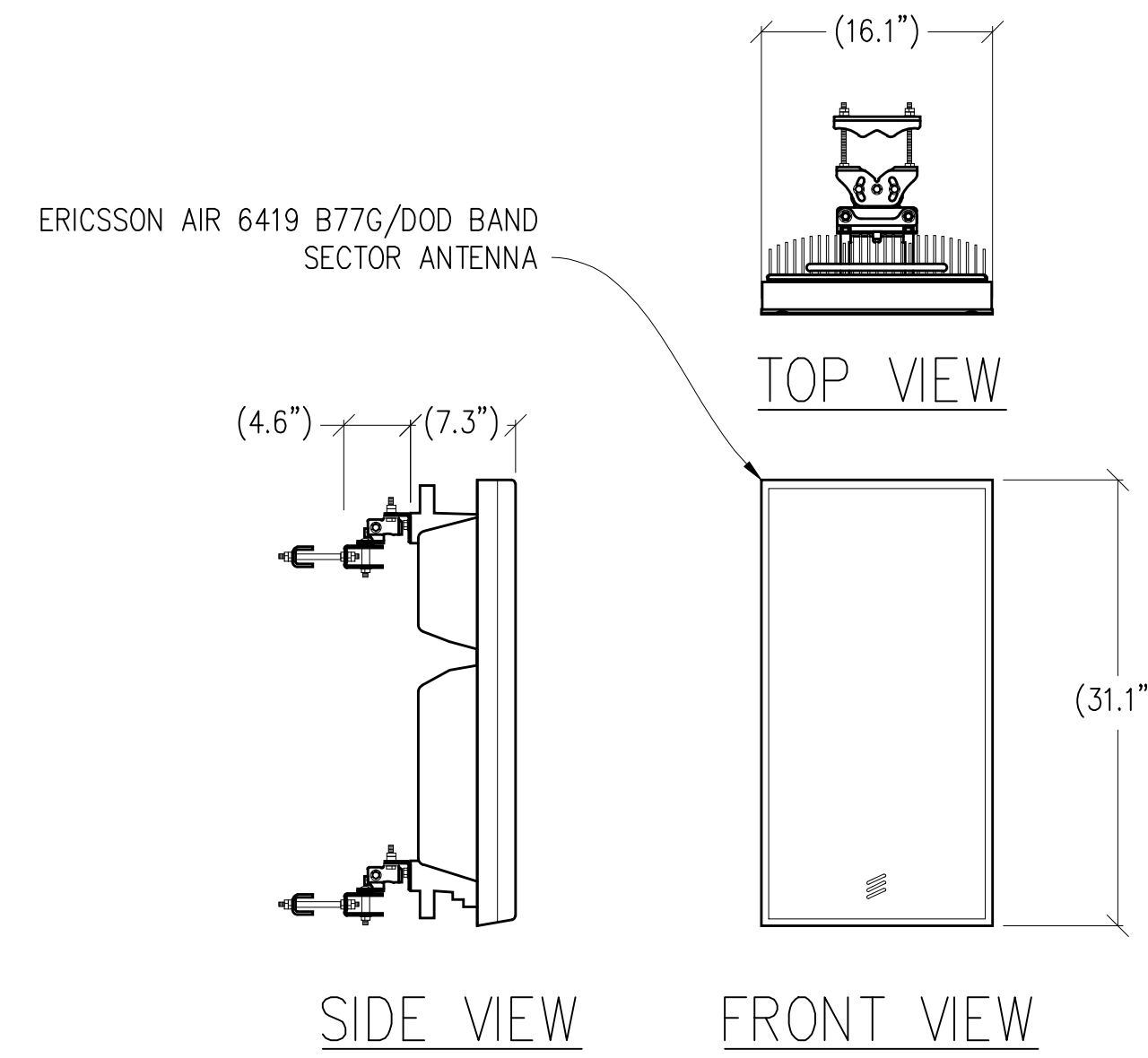
SHEET NUMBER:
A-3.2



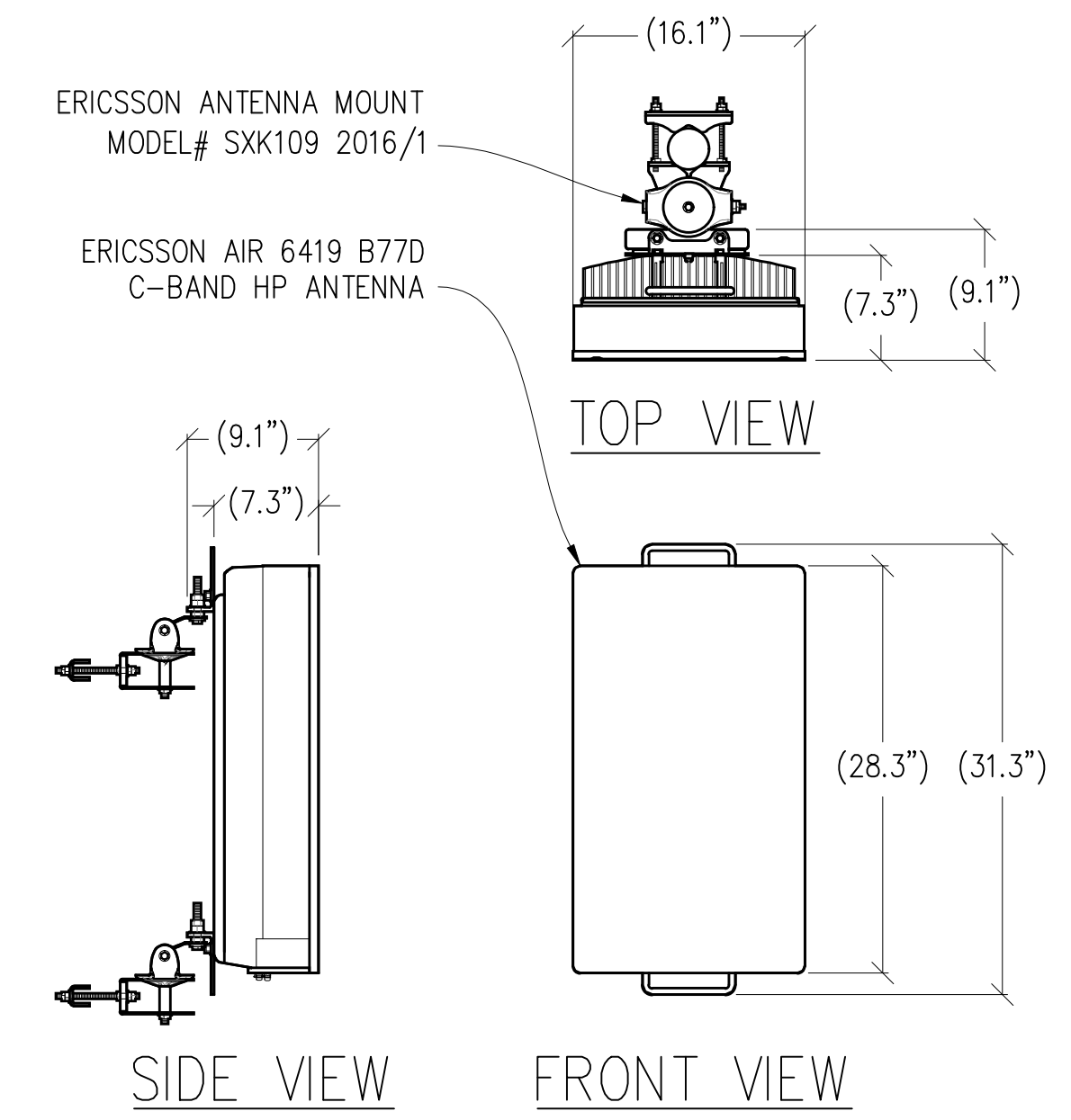
1 ANTENNA DETAIL
 1/2"=1'-0" MAX WEIGHT: 75.9 LBS



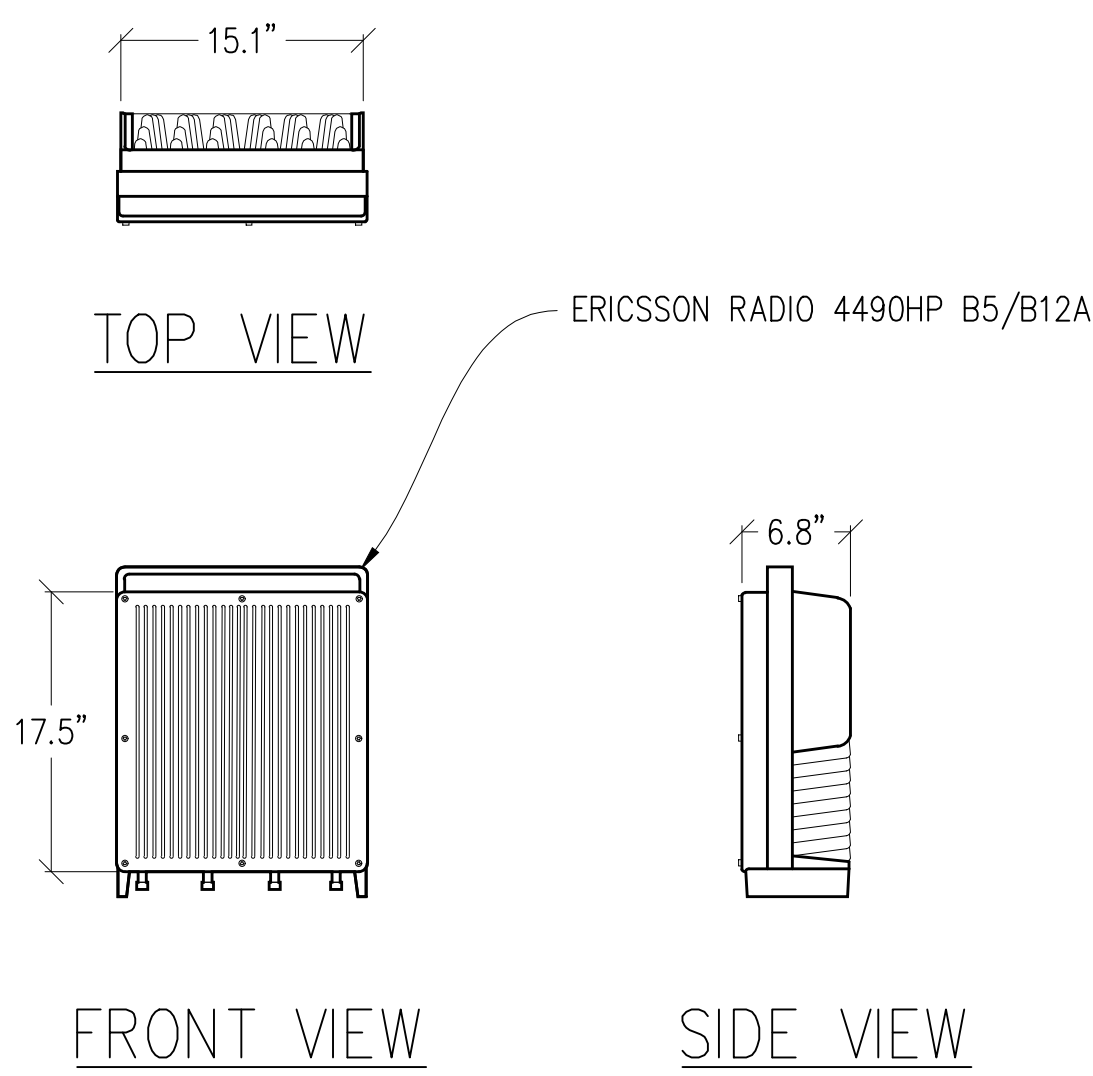
2 ANTENNA DETAIL
 1/2"=1'-0" MAX WEIGHT: 80.9 LBS



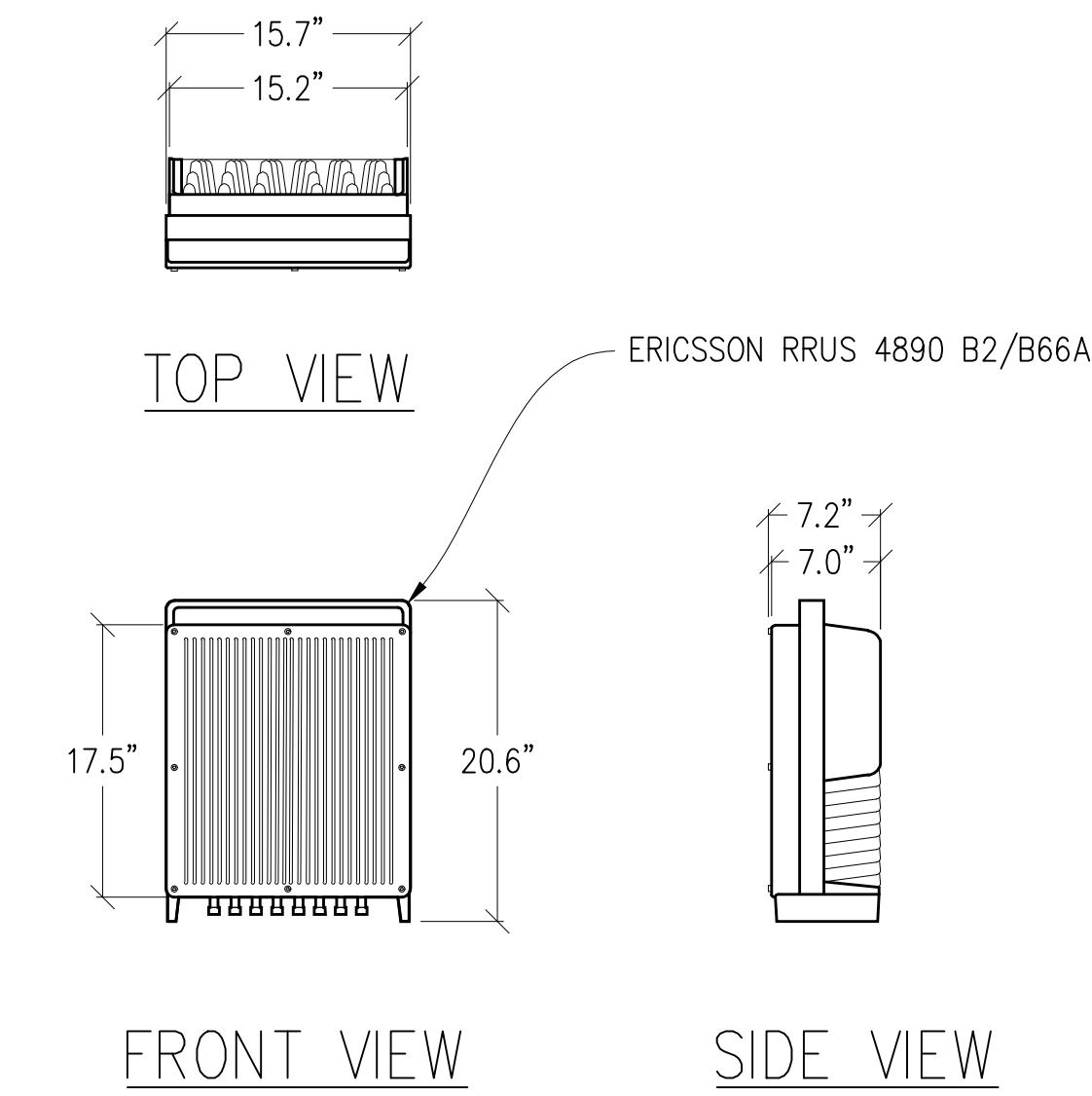
3 ANTENNA DETAIL
 1"=1'-0" MAX WEIGHT: 55.4 LBS



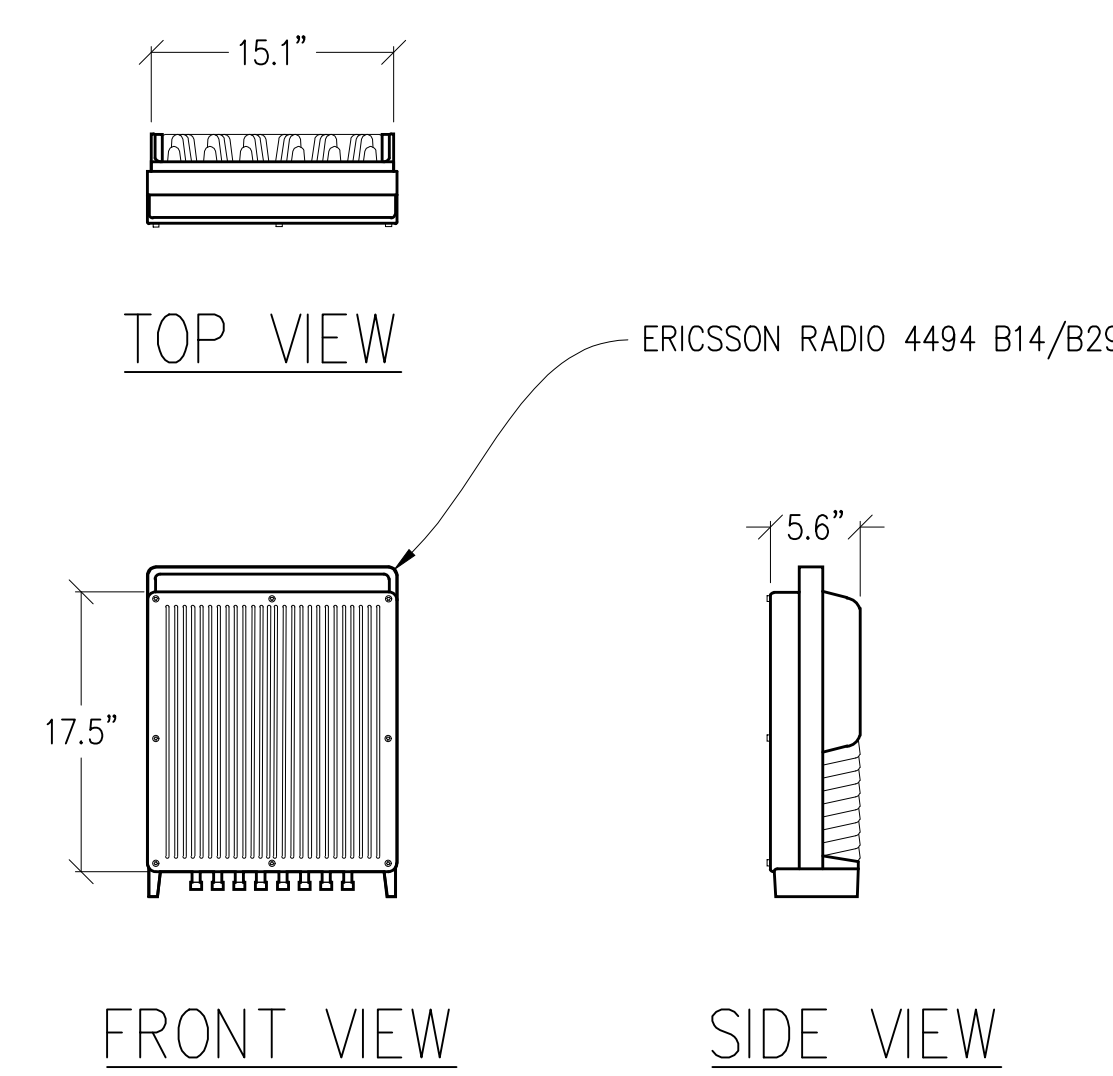
4 ANTENNA DETAIL
 1"=1'-0" MAX WEIGHT: 64 LBS



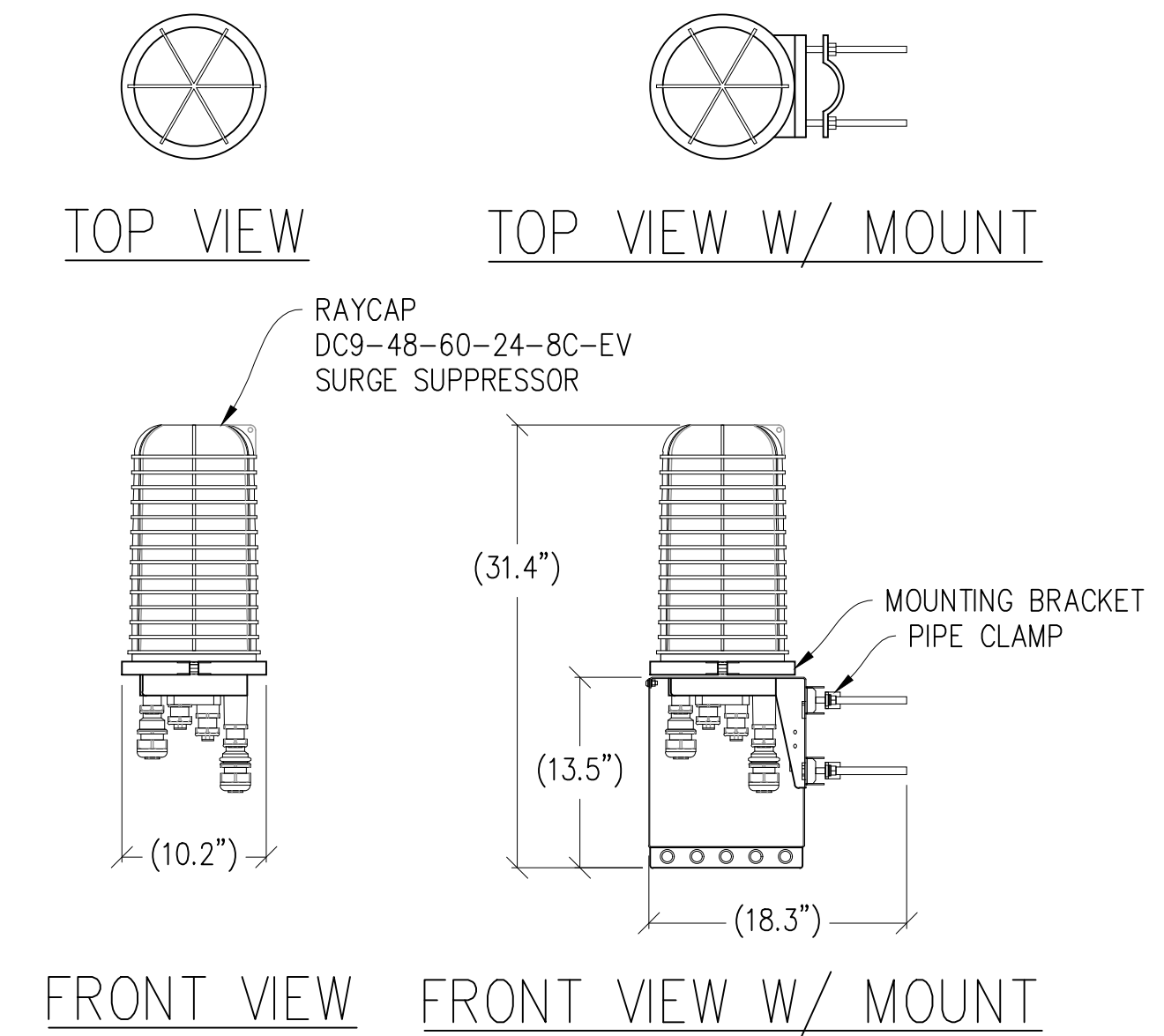
5 RADIO 4490HP DETAIL
 1"=1'-0" MAX WEIGHT: 68 LBS



6 RADIO 4890HP DETAIL
 1"=1'-0" MAX WEIGHT: 68 LBS



7 RADIO 4494 DETAIL
 1"=1'-0" MAX WEIGHT: 57.3 LBS



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

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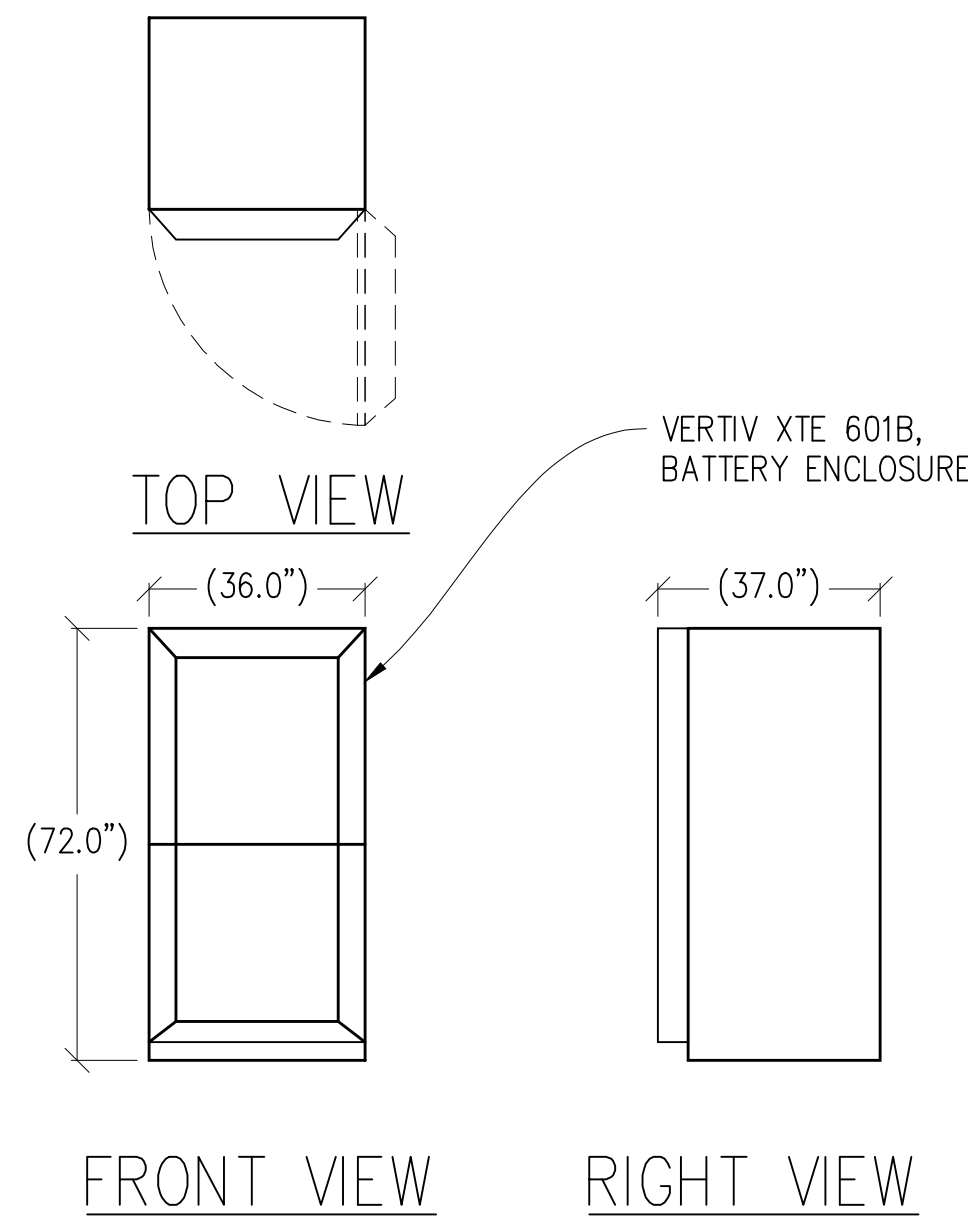
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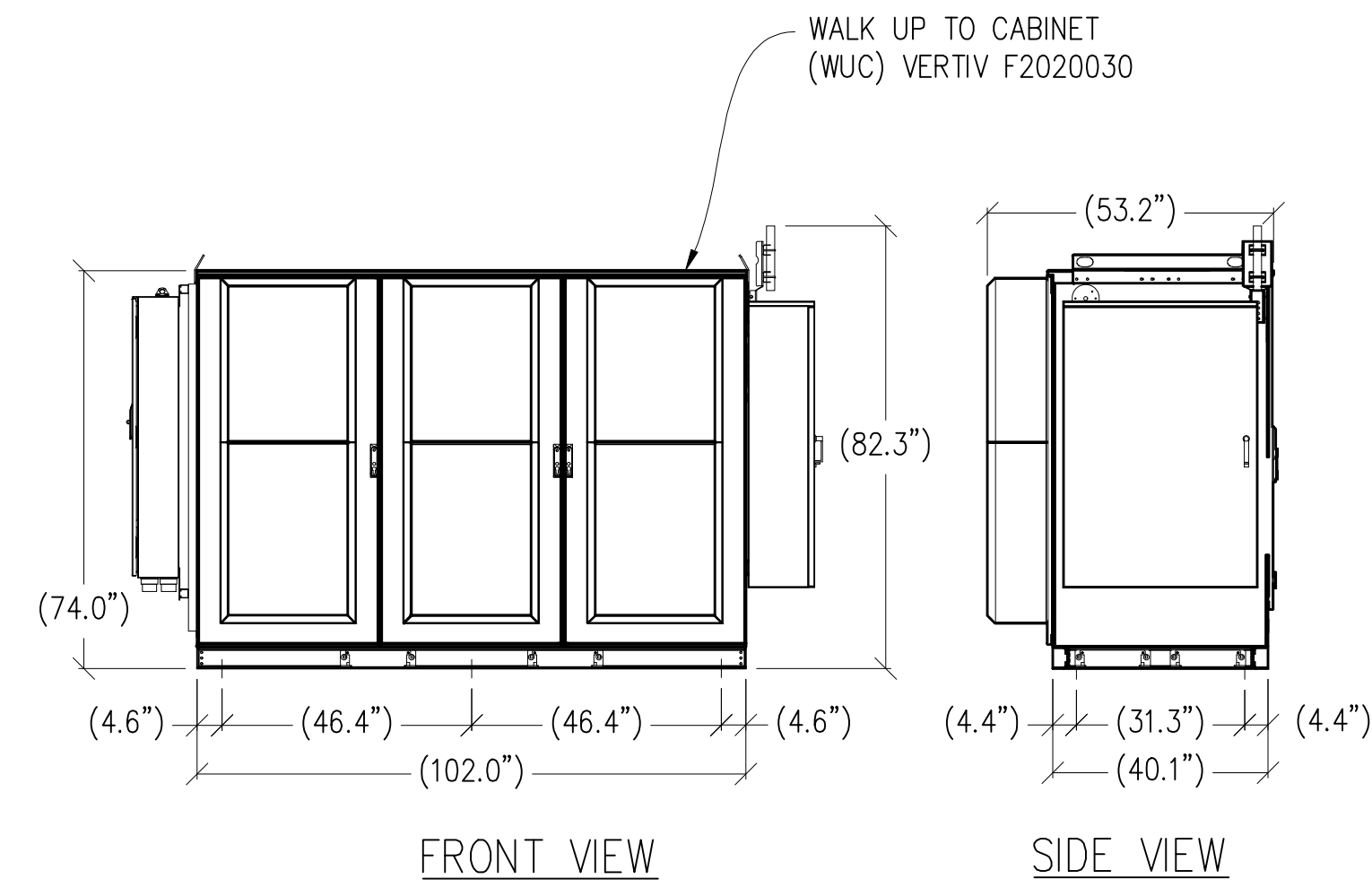
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 Contact: Kevin Sorensen Phone: 916-660-1930
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SHEET TITLE:
ANTENNA
DETAILS

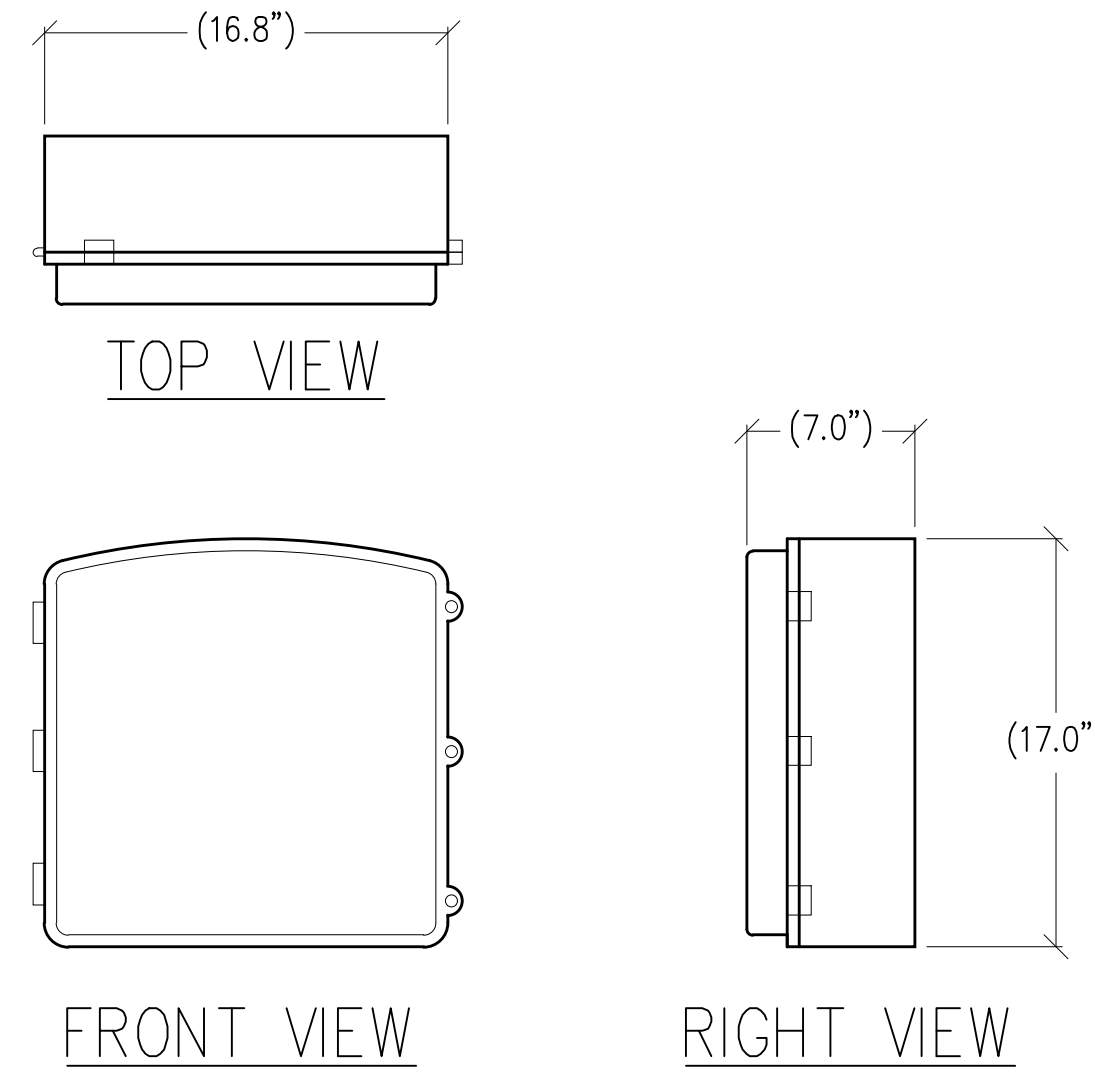
SHEET NUMBER:
A-4.1



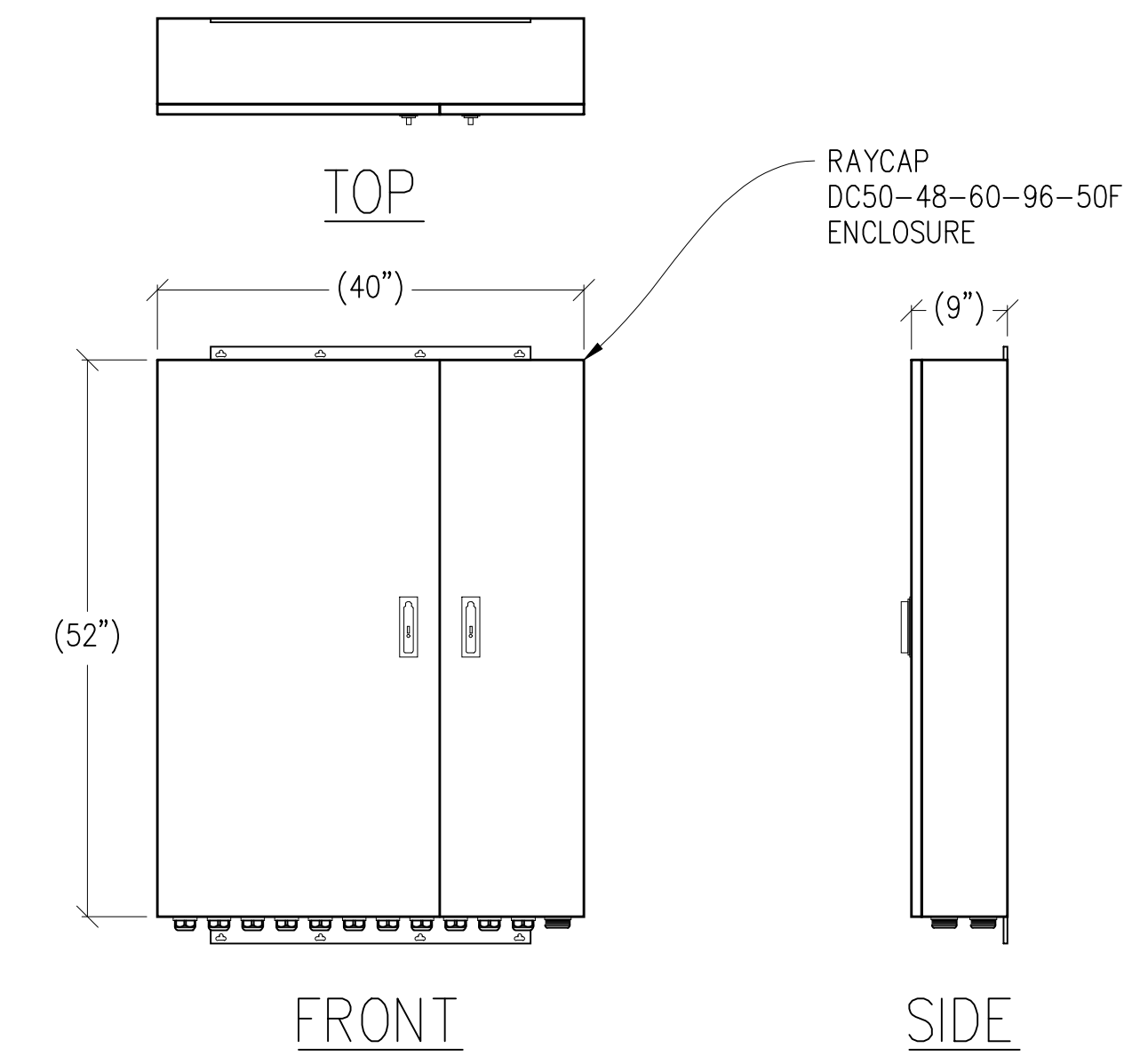
2 BATTERY CABINET DETAIL
 $\frac{3}{8}''=1'-0''$ WEIGHT: 980 LBS



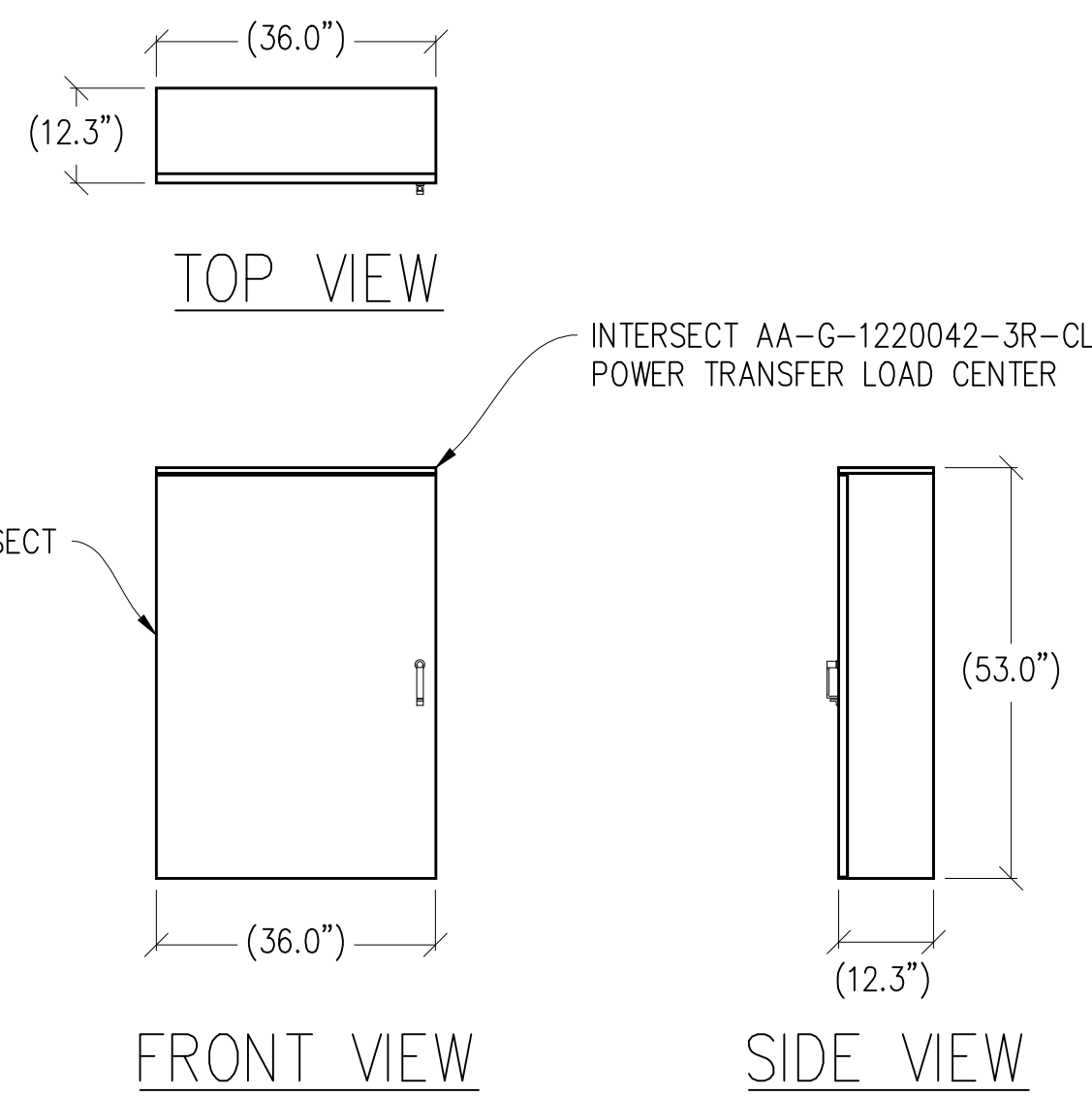
X WUC VERTIV F2020030 DETAIL
 $\frac{3}{8}''=1'-0''$ MAX WEIGHT: 4,442 LBS



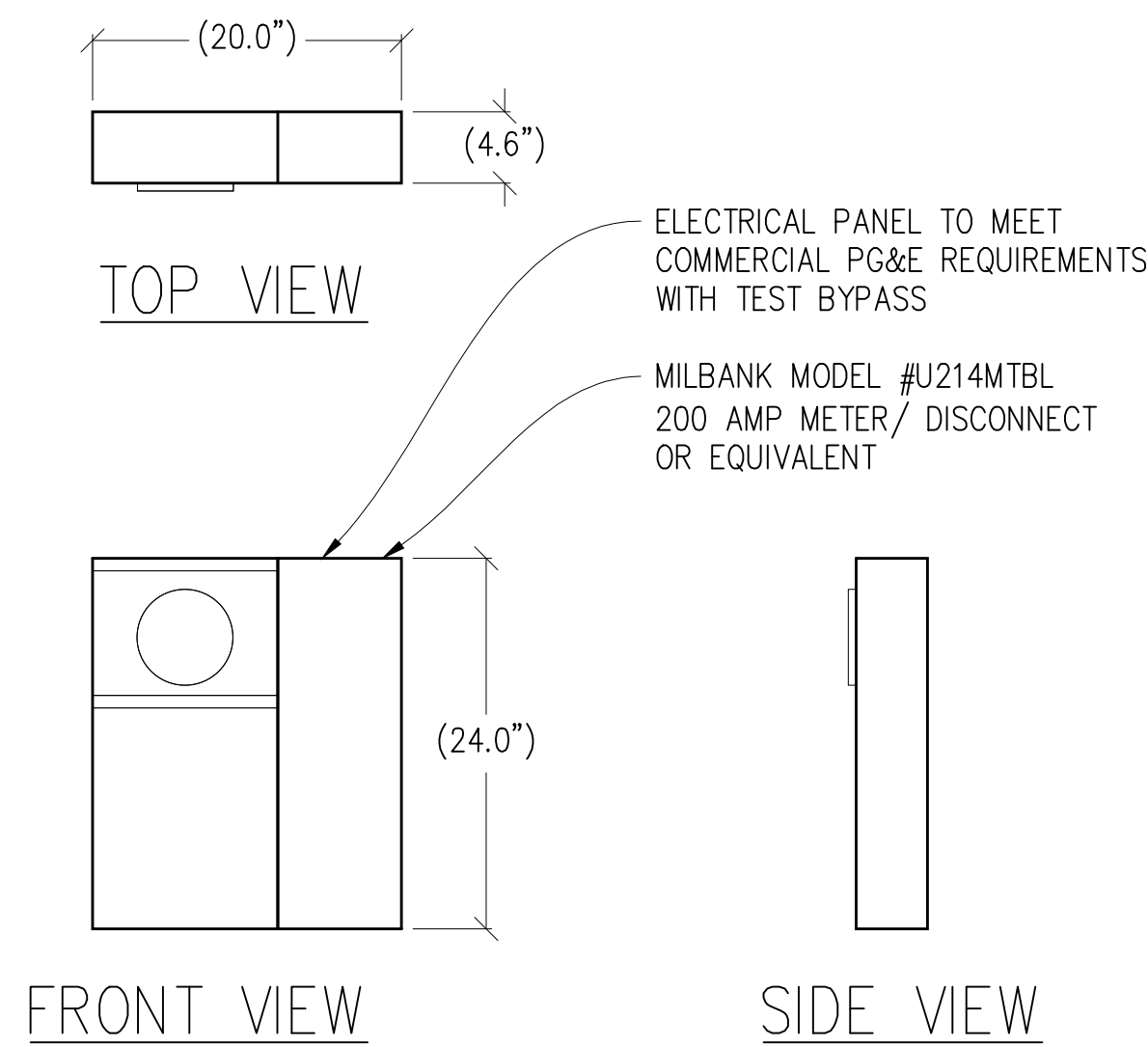
3 CN 3931 DETAIL
 $1\frac{1}{2}''=1'-0''$ MAX WEIGHT: 28.6 LBS



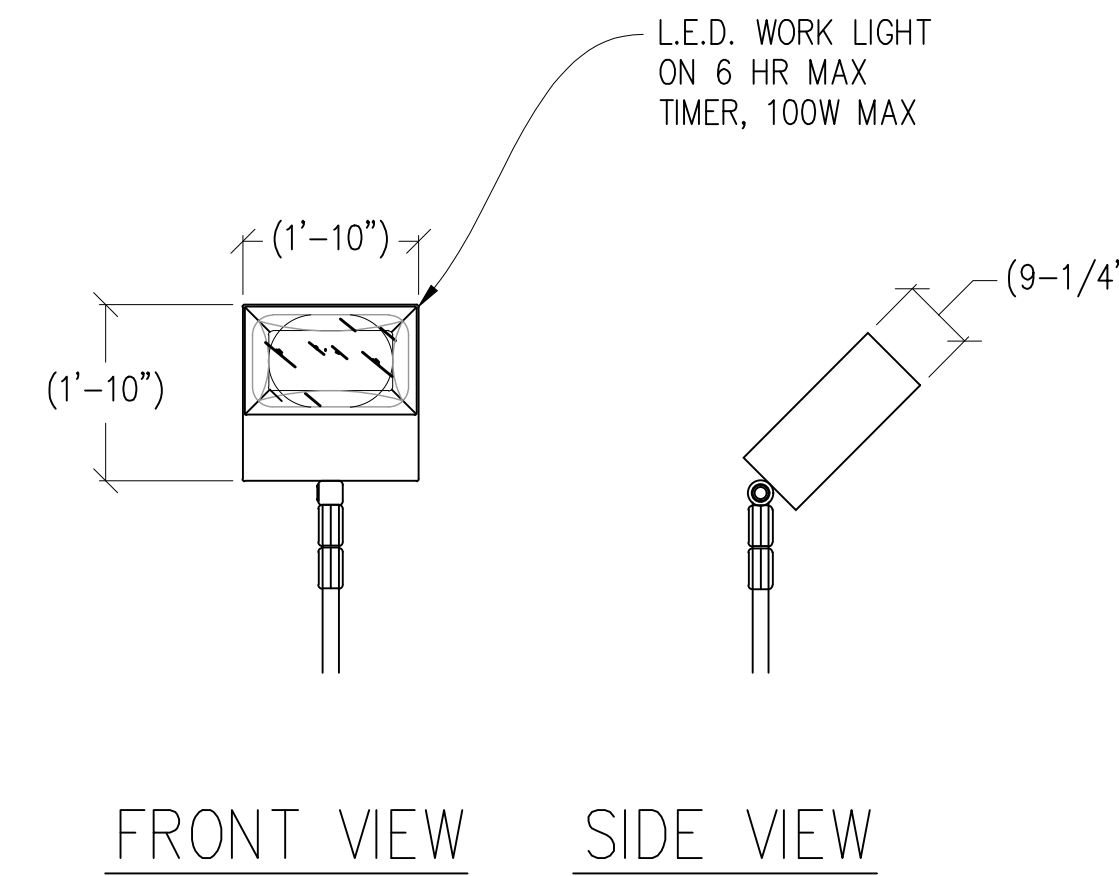
4 RAYCAP DC50 DETAIL
 $\frac{3}{4}''=1'-0''$ MAX WEIGHT: 165 LBS



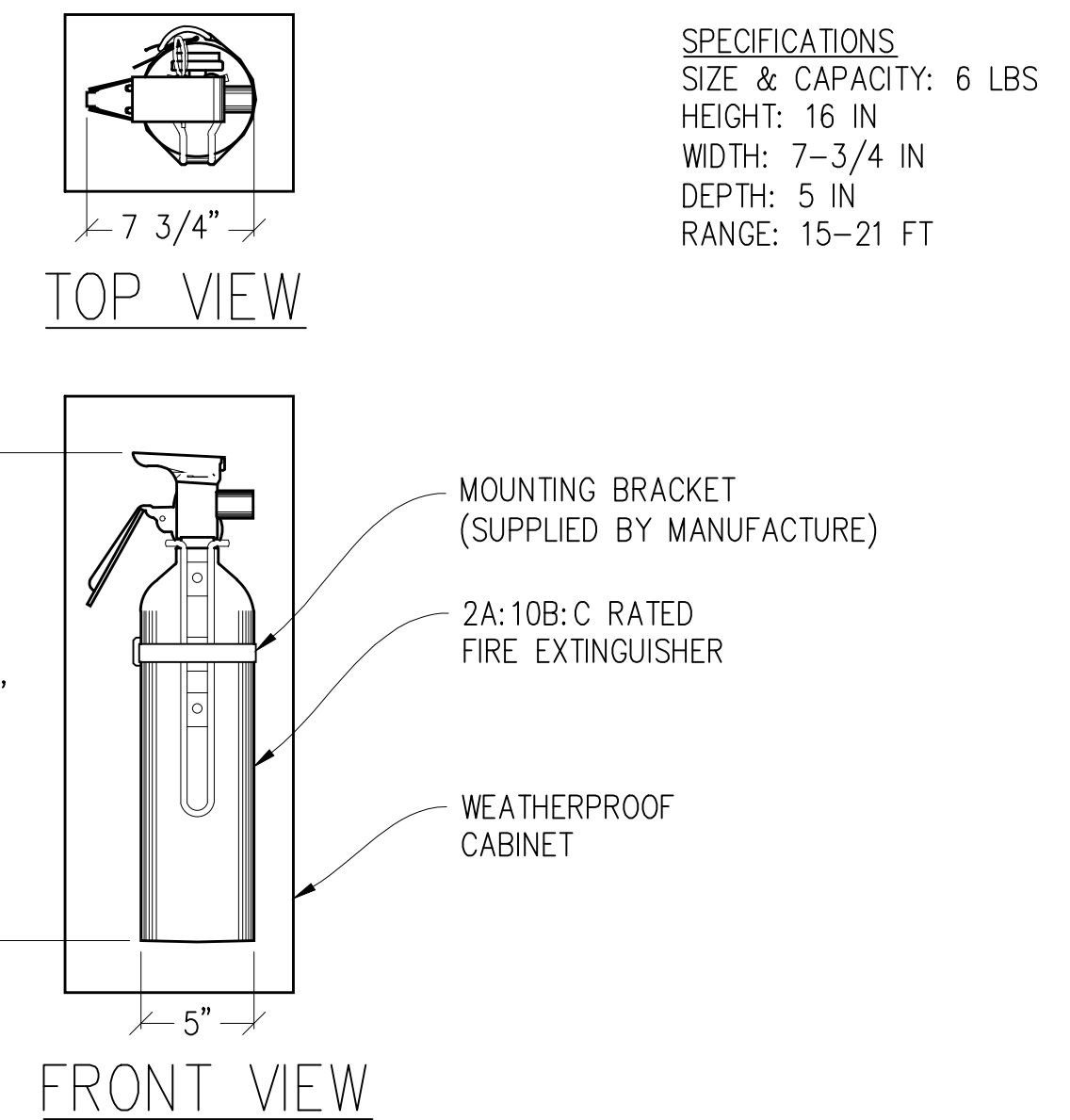
5 ILC CABINET DETAIL
 $\frac{1}{2}''=1'-0''$ MAX WEIGHT: 210 LBS



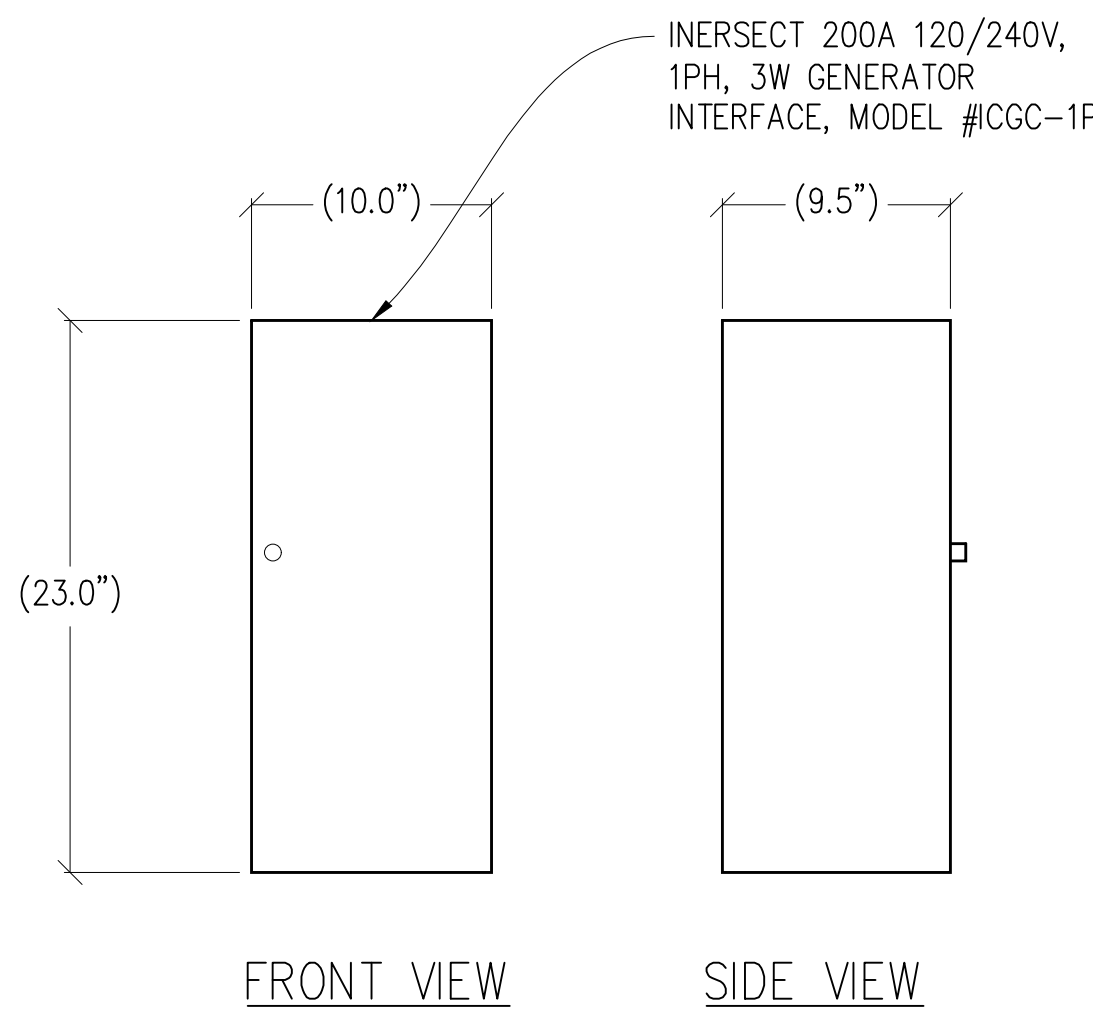
6 METER DETAIL
 $1''=1'-0''$



7 TECH LIGHT DETAIL
 $\frac{1}{2}''=1'-0''$



8 FIRE EXTINGUISHER DETAIL
 N.T.S.



9 GENERATOR INTERFACE DETAIL
 N.T.S.

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 Contact: Kevin Sorensen Phone: 916-660-1830
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SHEET TITLE:
EQUIPMENT
DETAILS

SHEET NUMBER:
A-4.2

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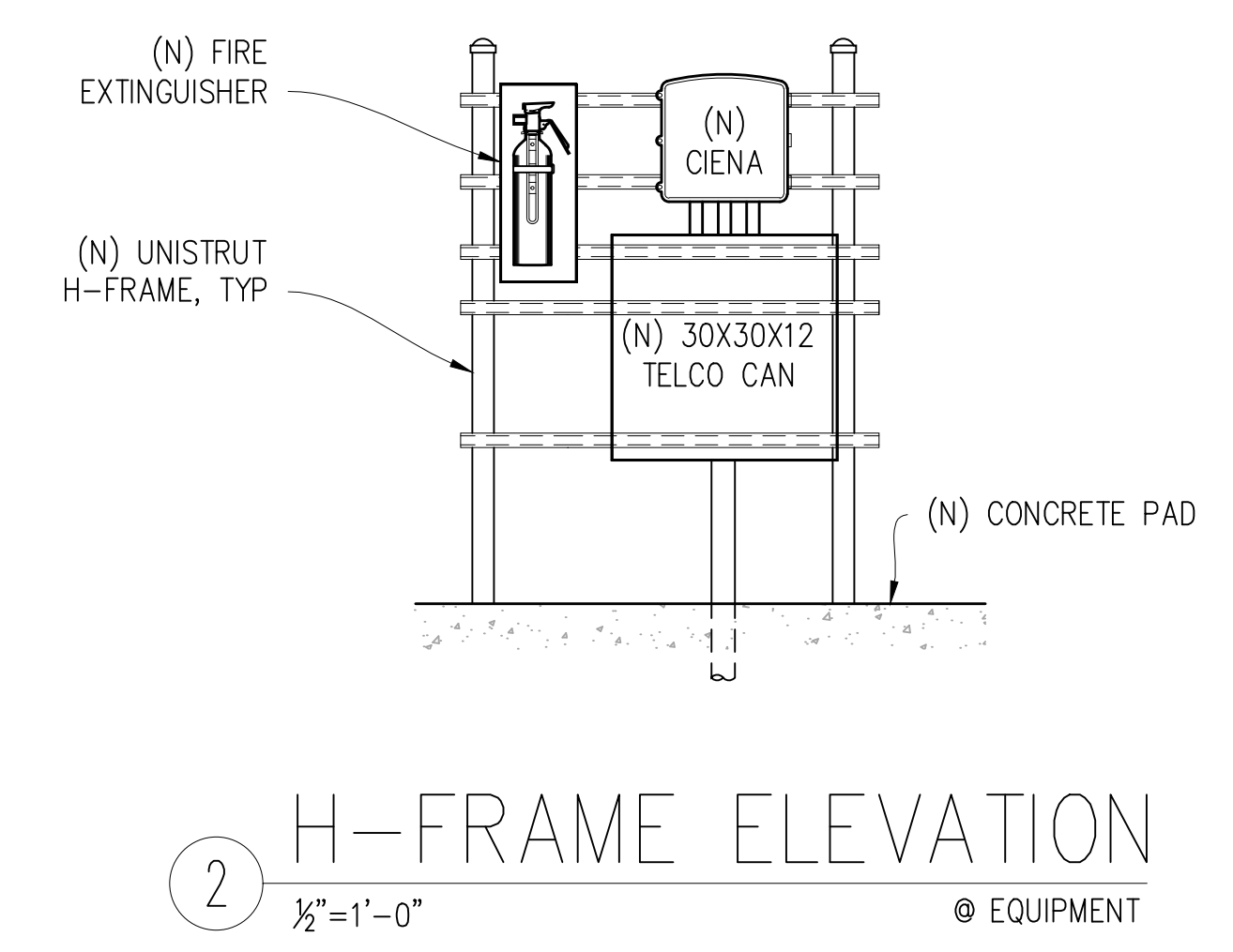
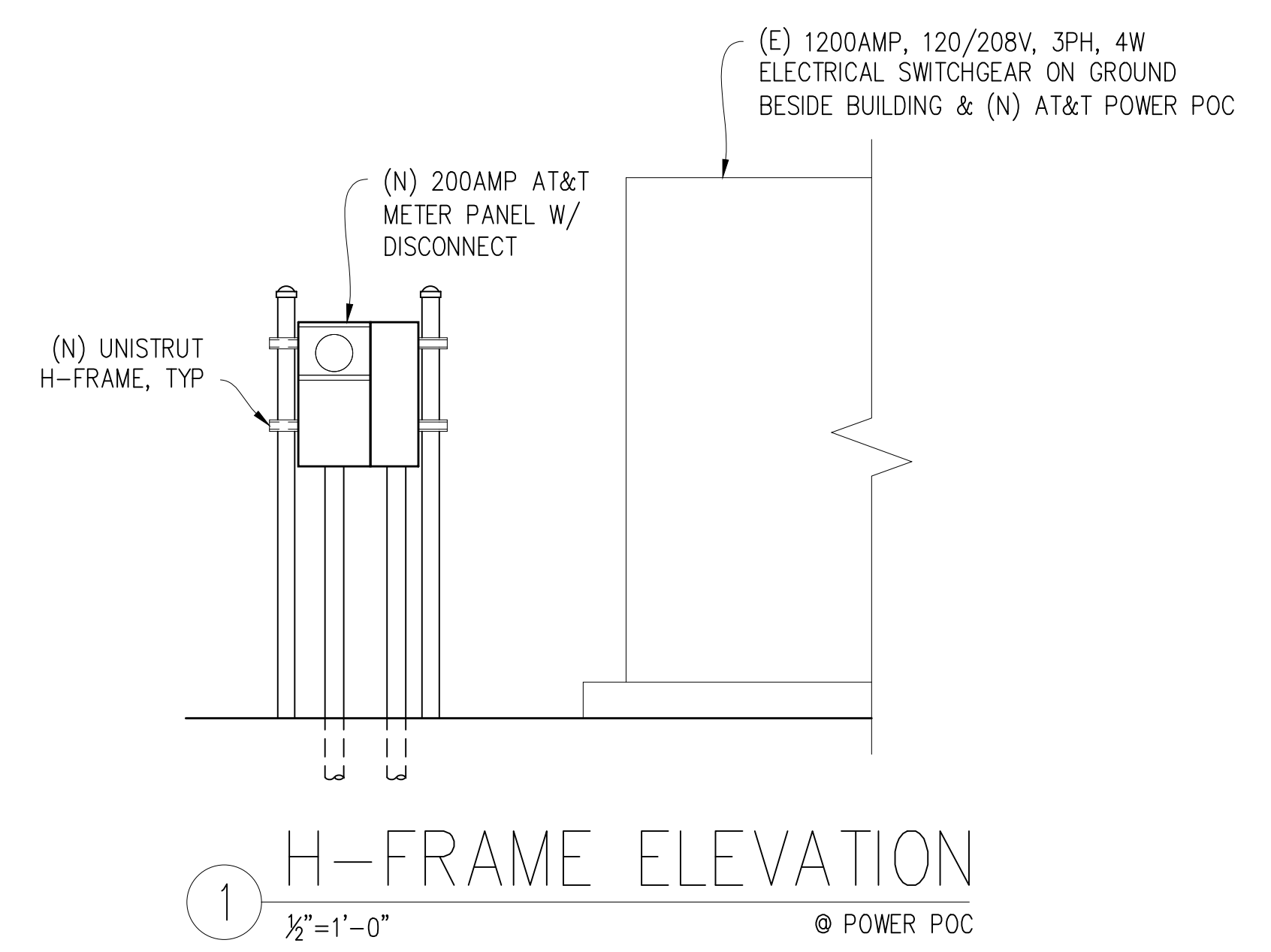
ENGINEER:

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SHEET TITLE:
ELECTRICAL PLAN

SHEET NUMBER:
E-1.1

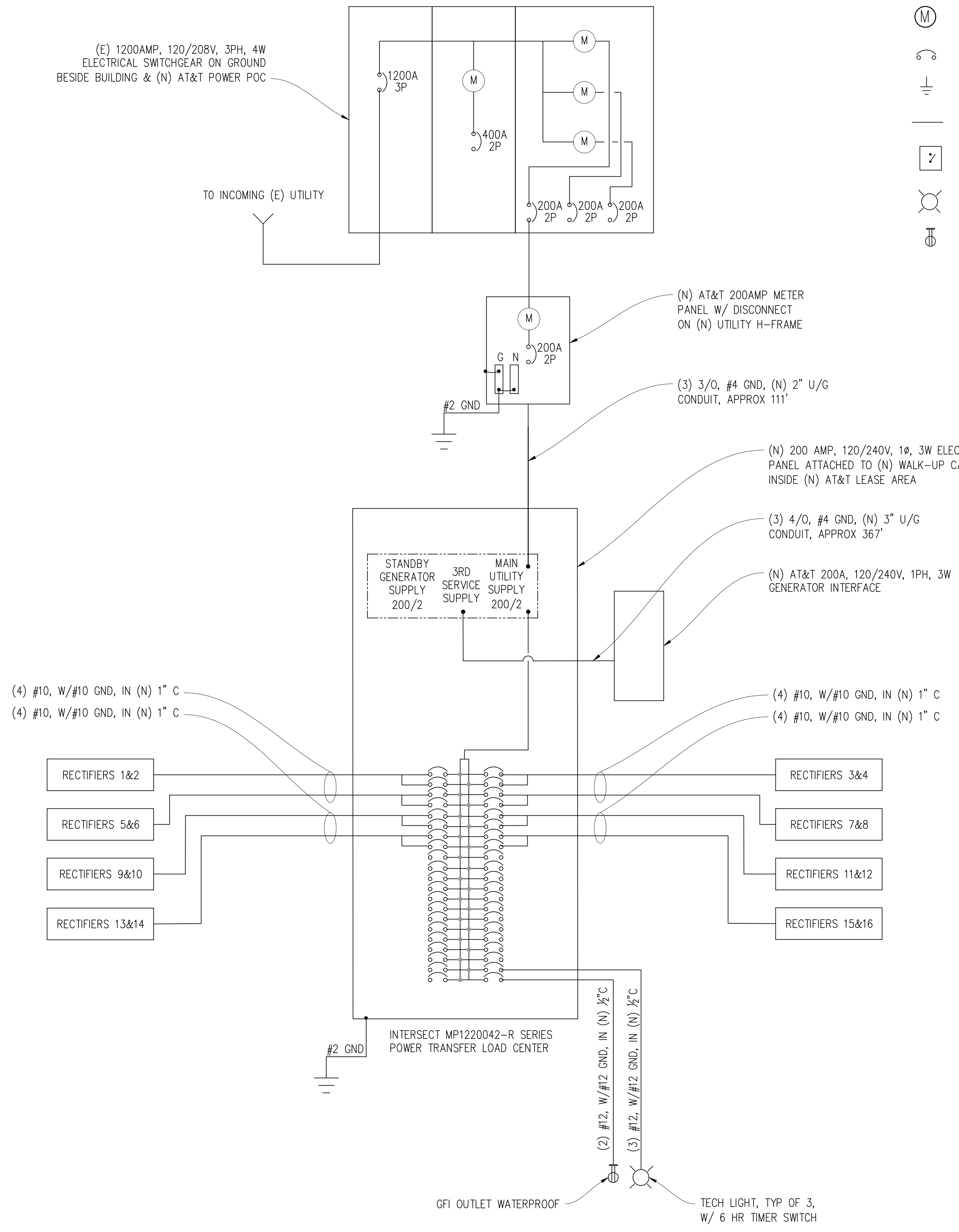
ELECTRICAL LEGEND

- (MI) MECHANICAL INTERLOCK
- (M) METER
- (C) CIRCUIT BREAKER
- (GND) SERVICE GROUND
- (—) WIRED CONNECTION
- (Z) TIMER SWITCH, WATERPROOF
- (L) OUTDOOR LIGHT
- (GFI) GFI OUTLET, WATERPROOF



PANEL SCHEDULE

NAMEPLATE : PANEL A		SC LEVEL : 10,000		VOLTS: 120V/240V, 1Ø				
LOCATION : INSIDE				BUS AMPS: 200A				
MOUNTING : WALL				MAIN CB: 200A				
ØA	ØB	LOAD DESCRIPTION	BKR AMP/POLE	CIRCUIT NO	BKR AMP/POLE	LOAD DESCRIPTION	ØA	ØB
2150		RECTIFIERS 1&2	-	1 2	-	RECTIFIERS 3&4	2150	
	2150	" "	-	3 4	-	" "		2150
2150		RECTIFIERS 5&6	-	5 6	-	RECTIFIERS 7&8	2150	
	2150	" "	-	7 8	-	" "		2150
2150		RECTIFIERS 9&10	-	9 10	-	RECTIFIERS 11&12	2150	
	2150	" "	-	11 12	-	" "		2150
2150		RECTIFIERS 13&14	-	13 14	-	RECTIFIERS 15&16	2150	
	2150	" "	-	15 16	-	" "		2150
		BLANK	-	17 18	-	BLANK		
		" "	-	19 20	-	" "		
		" "	-	21 22	-	" "		
		" "	-	23 24	-	" "		
		" "	-	25 26	-	" "		
		" "	-	27 28	-	" "		
		" "	-	29 30	-	" "		
		" "	-	31 32	-	" "		
		" "	-	33 34	-	" "		
		" "	-	35 36	-	" "		
		" "	-	37 38	-	" "		
		" "	-	39 40	-	TECH LIGHTS		300
		" "	-	41 42	-	GFCI RECEPTACLE	180	
8600	8600	PHASE TOTALS				PHASE TOTALS	8780	8900
TOTAL VA =	34880	TOTAL AMPS =	145					



SINGLE LINE DIAGRAM