The logo for TowerCo features a green stylized icon on the left, composed of four interlocking shapes that resemble a flower or a network node. To the right of the icon, the word "TowerCo" is written in a large, dark grey serif font. Below "TowerCo", the words "EMPOWERING connectivity" are written in a smaller, dark grey sans-serif font, with "EMPOWERING" in all caps and "connectivity" in title case.

**TowerCo**  
EMPOWERING connectivity

# FRESHWATER ROAD

250 MISTY HILL LANE, EUREKA, CA 95503  
SITE ID: TBD

Issued For:

FRESHWATER  
ROAD

250 MISTY HILL LANE  
EUREKA, CA 95503



PREPARED FOR  
**TowerCo**  
EMPOWERING connectivity

**verizon**  
2770 SHADELANDS DRIVE, BUILDING 11  
WALNUT CREEK, CA 94598

Vendor:



MDG LOCATION ID: 5000920338

PROJECT ID: 17314976

DRAWN BY: SEAD

CHECKED BY: N. GEORGE

APPROVED BY: -

| ISSUE STATUS |          |             |      |
|--------------|----------|-------------|------|
|              |          |             |      |
|              |          |             |      |
|              |          |             |      |
|              |          |             |      |
| 4            | 03/05/25 | CLIENT REV  | S.D. |
| 3            | 08/19/24 | CLIENT REV  | T.T. |
| 3            | 07/25/24 | CLIENT REV  | T.T. |
| 2            | 07/03/24 | ZD 100%     | T.T. |
| 1            | 06/13/24 | CLIENT REV  | S.D. |
| 0            | 06/06/24 | ZD 90%      | -    |
| EV           | DATE     | DESCRIPTION | CAD  |

Licensee:

PRELIMINARY:  
NOT FOR  
CONSTRUCTION

KEVIN R. SORENSEN  
S4469

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UNLESS THEY ARE ACTING UNDER THE  
DIRECTION OF A LICENSED PROFESSIONAL  
ENGINEER, TO ALTER THIS DOCUMENT.

ENGINEER:



SHEET TITLE:

# TITLE SHEET

SHEET NUMBER:

## T-1.1

## PROJECT DESCRIPTION

A (N) TOWERCO UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF INSTALLING:

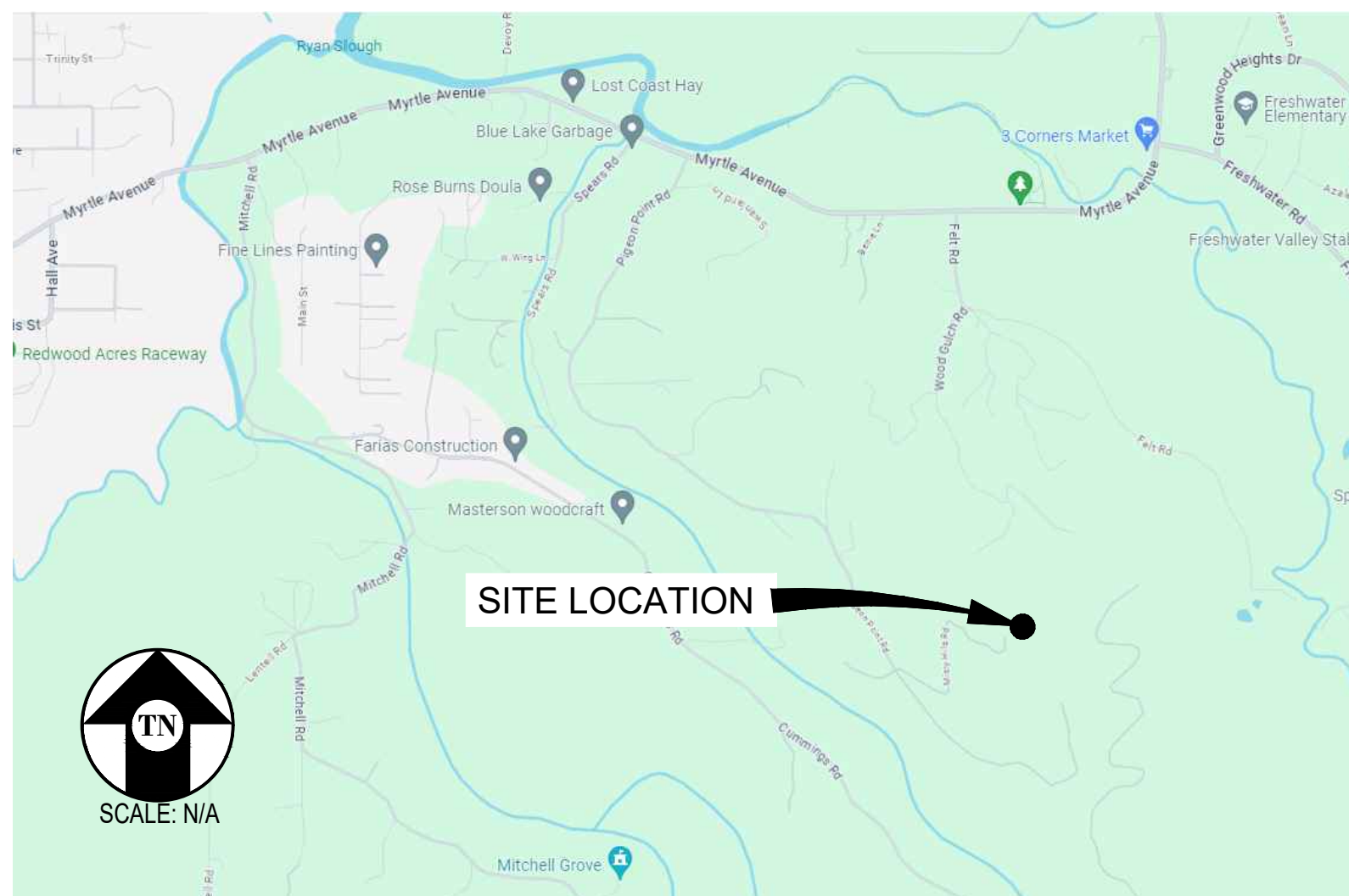
- (N) TOWERCO LEASE AREA W/ (N) VERIZON WIRELESS LEASE AREA INSIDE W/ (N) GROUND MOUNTED EQUIPMENT & DIESEL GENERATOR & (N) UTILITIES TO (N) SITE LOCATION
- (N) TOWERCO MONOPOLE W/ (N) VERIZON WIRELESS ANTENNAS, & ANTENNA EQUIPMENT
- (E) TREES WITHIN LEASE AREA TO BE REMOVED OR TRIMMED AS NEEDED

## PROJECT INFORMATION

|                      |   |                           |  |
|----------------------|---|---------------------------|--|
| SITE NAME:           | FRESHWATER ROAD   | APPLICANT:                | VERIZON WIRELESS<br>2770 SHADELANDS DRIVE, BUILDING 11<br>WALNUT CREEK, CA 94598 |
| VZW MDG LOCATION ID: | 5000920338  |                           |  |
| VZW PROJECT ID:      | 17314976  | SITE ACQUISITION COMPANY: | COMPLETE WIRELESS CONSULTING<br>2009 V STREET<br>SACRAMENTO, CA 95818            |
| COUNTY:              | HUMBOLDT  |                           |  |
| JURISDICTION:        | HUMBOLDT COUNTY   | LEASING CONTACT:          | ATTN: ROCKY CORDOVA<br>(916) 616-0468<br>RCORDOVA@COMPLETEWIRELESS.NET           |
| APN:                 | 403-081-013   |                           |  |
| SITE ADDRESS:        | 250 MISTY HILL LANE<br>EUREKA, CA 95503                                     | ZONING CONTACT:           | ATTN: STEVE PROO<br>(916) 838-6713<br>SPROO@COMPLETEWIRELESS.NET                 |
| CURRENT ZONING:      | RS-B5 - RESIDENTIAL SUBURBAN/<br>BUILDING SITE COMBINED                     | CONSTRUCTION CONTACT:     | SEAN WALLIN<br>(916) 591-8574<br>SWALLIN@COMPLETEWIRELESS.NET                    |
| CONSTRUCTION TYPE:   | V-B   |                           |  |
| OCCUPANCY TYPE:      | U, (UNMANNED COMMUNICATIONS FACILITY)                                       |                           |  |
| POWER:               | PG&E  |                           |  |
| LATITUDE:            | N 40° 46' 14.74" NAD 83<br>N 40.770762° NAD 83                              |                           |  |
| LONGITUDE:           | W 124° 05' 18.32" NAD 83<br>W 124.088421° NAD 83                            |                           |  |
| GROUND ELEVATION:    | 456' AMSL   |                           |  |
| PROPERTY OWNER:      | RONALD & SARA BIASCA, 2023 TRUST<br>250 MISTY HILL LANE<br>EUREKA, CA 95503 |                           |  |

TOWER OWNER: TOWERCO  
5000 VALLEYSTONE DRIVE  
CARY, NC 27519

## 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- T1A-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

| SHEET   | DESCRIPTION        | REV |
|---------|--------------------|-----|
| T-1.1   | TITLE SHEET        | 1   |
| C-1     | TOPOGRAPHIC SURVEY | —   |
| C-2     | TOPOGRAPHIC SURVEY | —   |
| A-1.1   | OVERALL SITE PLAN  | 1   |
| A-1.2   | ENLARGED SITE PLAN | 1   |
| △ A-1.3 | EQUIPMENT PLAN     | 1   |
| A-1.4   | FIRE PLAN          | 1   |
| A-2.1   | ANTENNA PLAN       | 1   |
| A-3.1   | ELEVATIONS         | 1   |
| A-4.1   | DETAILS            | —   |
| E-1.1   | ELECTRICAL PLAN    | —   |



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DATE OF SURVEY: 05-22-24  
SURVEYED BY OR UNDER DIRECTION OF: KENNETH D. GEIL, R.C.E. 14803  
LOCATED IN THE COUNTY OF HUMBOLDT, 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.

F.E.M.A. F.I.R.M. ZONE "X" PER FIRM 06023C0865G DATED 06/21/2017

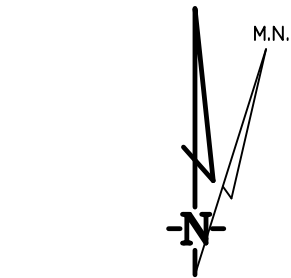
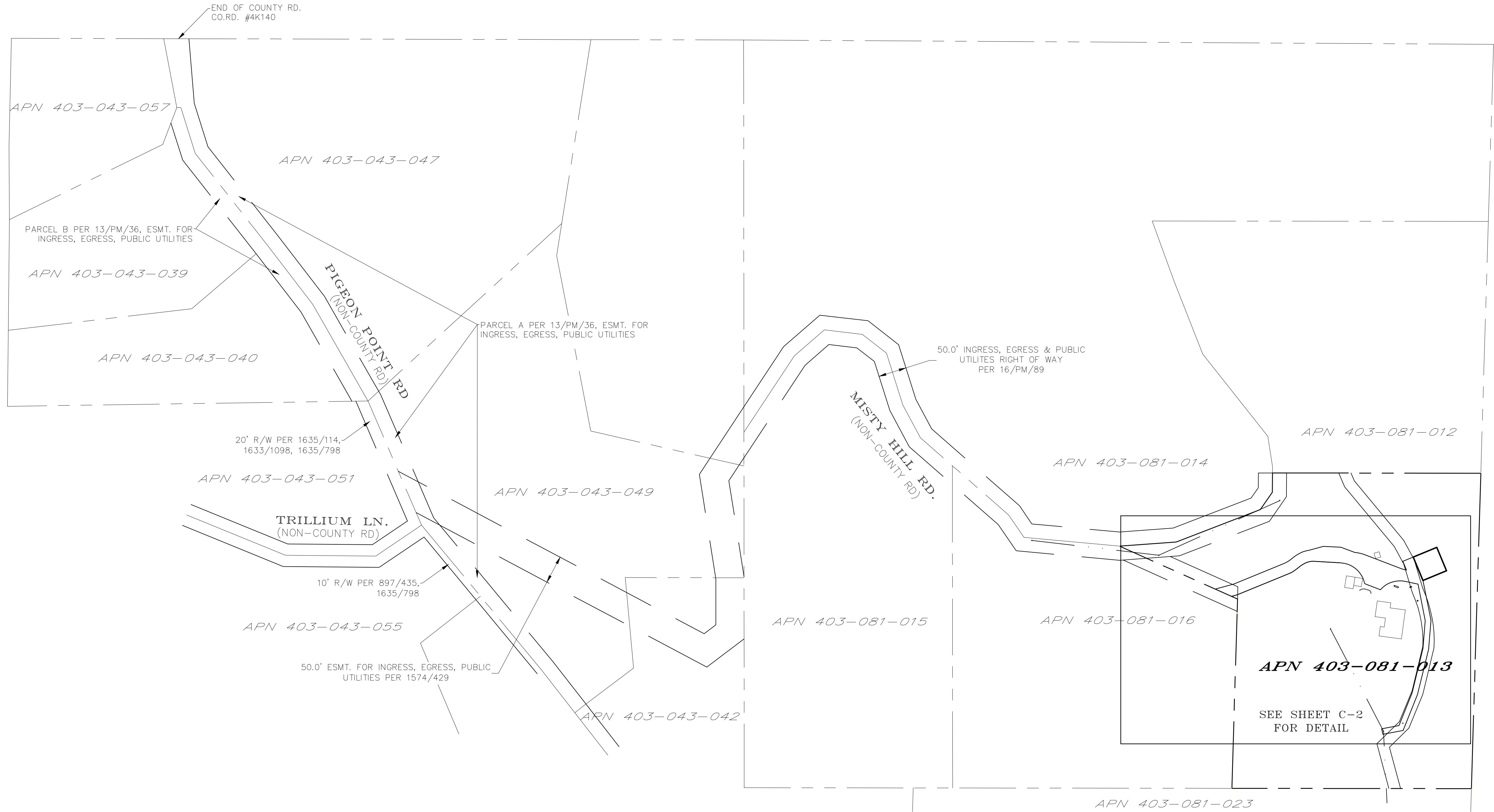
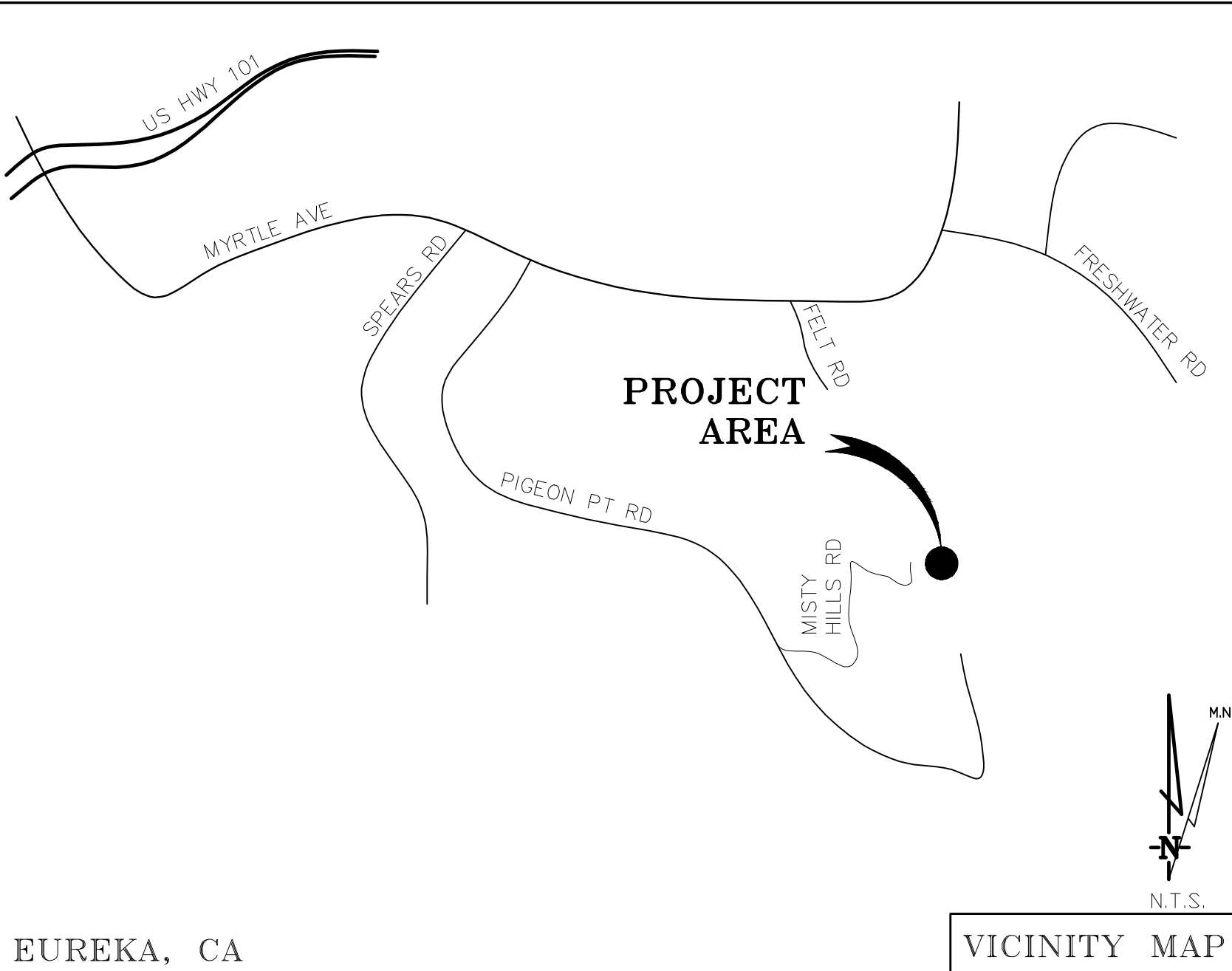
N.G.V.D. 1929 CORRECTION: SUBTRACT 3.34' FROM ELEVATIONS SHOWN.

CONTOUR INTERVAL: 1 FT.

CONTRACTOR IS RESPONSIBLE TO VERIFY LEASE AREA PRIOR TO CONSTRUCTION.

ASSESSOR'S PARCEL NUMBER: 403-081-013

OWNER(S): RONALD & SARA BIASCA, 2023 TRUST  
250 MISTY HILL ROAD  
EUREKA, CA 95503



SCALE 1" = 100'

OVERALL PROJECT AREA

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

Surveyor  
**GEIL ENGINEERING**  
ENGINEERING • SURVEYING • PLANNING  
1226 HIGH STREET  
AUBURN, CALIFORNIA 95603  
Phone: (916) 885-1046  
Fax: (916) 885-1009

**verizon**

Freshwater  
250 Misty Hill Lane  
Eureka, CA 95503

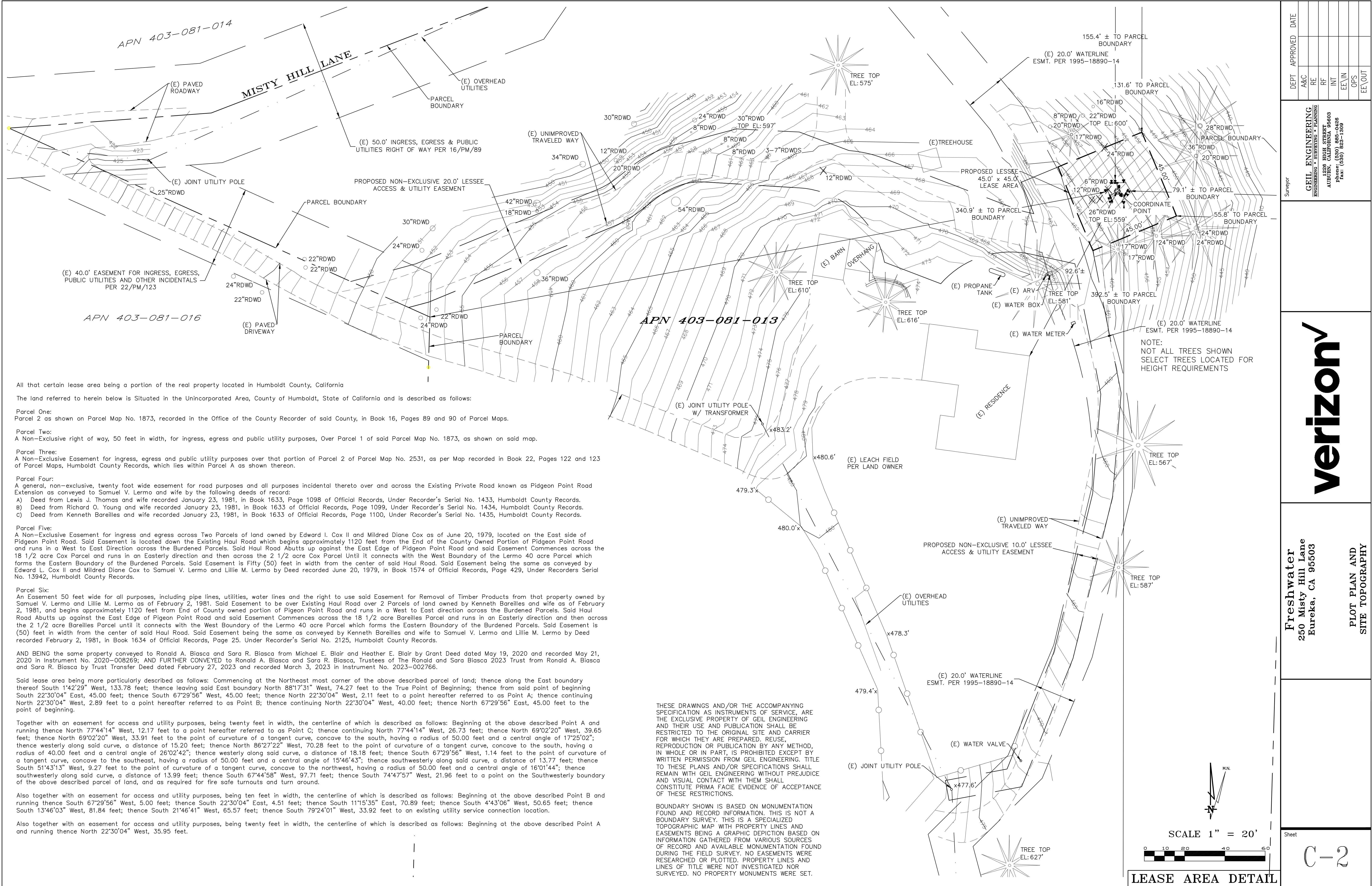
PLOT PLAN AND  
SITE TOPOGRAPHY

| REVISIONS |                     |
|-----------|---------------------|
| 05-24-24  | Preliminary Drawing |
| 06-12-24  | title review        |
| 06-17-24  | redlines            |
| 07-10-24  | rev. esmts.         |
| 07-25-24  | contours added      |
| 03-04-25  | dim added           |
|           |                     |
|           |                     |
|           |                     |
|           |                     |

Sheet

C-1





All that certain lease area being a portion of the real property located in Humboldt County, California

The land referred to herein below is Situated in the Unincorporated Area, County of Humboldt, State of California and is described as follows:

Parcel One:  
Parcel 2 as shown on Parcel Map No. 1873, recorded in the Office of the County Recorder of said County, in Book 16, Pages 89 and 90 of Parcel Maps.

Parcel Two:  
A Non-Exclusive right of way, 50 feet in width, for ingress, egress and public utility purposes, Over Parcel 1 of said Parcel Map No. 1873, as shown on said map.

Parcel Three:  
A Non-Exclusive Easement for ingress, egress and public utility purposes over that portion of Parcel 2 of Parcel Map No. 2531, as per Map recorded in Book 22, Pages 122 and 123 of Parcel Maps, Humboldt County Records, which lies within Parcel A as shown thereon.

Parcel Four:  
A general, non-exclusive, twenty foot wide easement for road purposes and all purposes incidental thereto over and across the Existing Private Road known as Pidgeon Point Road Extension as conveyed to Samuel V. Lermo and wife by the following deeds of record:  
A) Deed from Lewis J. Thomas and wife recorded January 23, 1981, in Book 1633, Page 1098 of Official Records, Under Recorder's Serial No. 1433, Humboldt County Records.  
B) Deed from Richard O. Young and wife recorded January 23, 1981, in Book 1633 of Official Records, Page 1099, Under Recorder's Serial No. 1434, Humboldt County Records.  
C) Deed from Kenneth Bareilles and wife recorded January 23, 1981, in Book 1633 of Official Records, Page 1100, Under Recorder's Serial No. 1435, Humboldt County Records.

Parcel Five:  
A Non-Exclusive Easement for ingress and egress across Two Parcels of land owned by Edward I. Cox II and Mildred Diane Cox as of June 20, 1979, located on the East side of Pidgeon Point Road. Said Easement is located down the Existing Haul Road which begins approximately 1120 feet from the End of the County Owned Portion of Pidgeon Point Road and runs in a West to East Direction across the Burdened Parcels. Said Haul Road Abutts up against the East Edge of Pidgeon Point Road and said Easement Commences across the 18 1/2 acre Cox Parcel and runs in an Easterly direction and then across the 2 1/2 acre Cox Parcel Until it connects with the West Boundary of the Lermo 40 acre Parcel which forms the Eastern Boundary of the Burdened Parcels. Said Easement is Fifty (50) feet in width from the center of said Haul Road. Said Easement being the same as conveyed by Edward L. Cox II and Mildred Diane Cox to Samuel V. Lermo and Lillie M. Lermo by Deed recorded June 20, 1979, in Book 1574 of Official Records, Page 429, Under Recorders Serial No. 13942, Humboldt County Records.

Parcel Six:  
An Easement 50 feet wide for all purposes, including pipe lines, utilities, water lines and the right to use said Easement for Removal of Timber Products from that property owned by Samuel V. Lermo and Lillie M. Lermo as of February 2, 1981. Said Easement to be over Existing Haul Road over 2 Parcels of land owned by Kenneth Bareilles and wife as of February 2, 1981, and begins approximately 1120 feet from End of County owned portion of Pigeon Point Road and runs in a West to East direction across the Burdened Parcels. Said Haul Road Abutts up against the East Edge of Pigeon Point Road and said Easement Commences across the 18 1/2 acre Bareilles Parcel and runs in an Easterly direction and then across the 2 1/2 acre Bareilles Parcel until it connects with the West Boundary of the Lermo 40 acre Parcel which forms the Eastern Boundary of the Burdened Parcels. Said Easement is (50) feet in width from the center of said Haul Road. Said Easement being the same as conveyed by Kenneth Bareilles and wife to Samuel V. Lermo and Lillie M. Lermo by Deed recorded February 2, 1981, in Book 1634 of Official Records, Page 25. Under Recorder's Serial No. 2125, Humboldt County Records.

AND BEING the same property conveyed to Ronald A. Biasca and Sara R. Biasca from Michael E. Blair and Heather E. Blair by Grant Deed dated May 19, 2020 and recorded May 21, 2020 in Instrument No. 2020-008269; AND FURTHER CONVEYED to Ronald A. Biasca and Sara R. Biasca, Trustees of The Ronald and Sara Biasca 2023 Trust from Ronald A. Biasca and Sara R. Biasca by Trust Transfer Deed dated February 27, 2023 and recorded March 3, 2023 in Instrument No. 2023-002766.

Said lease area being more particularly described as follows: Commencing at the Northeast most corner of the above described parcel of land; thence along the East boundary thereof South 1°42'29" West, 133.78 feet; thence leaving said East boundary North 88°17'31" West, 74.27 feet to the True Point of Beginning; thence from said point of beginning South 22°30'04" East, 45.00 feet; thence South 67°29'56" West, 45.00 feet; thence North 22°30'04" West, 2.11 feet to a point hereafter referred to as Point A; thence continuing North 22°30'04" West, 2.89 feet to a point hereafter referred to as Point B; thence continuing North 22°30'04" West, 40.00 feet; thence North 67°29'56" East, 45.00 feet to the point of beginning.

Together with an easement for access and utility purposes, being twenty feet in width, the centerline of which is described as follows: Beginning at the above described Point A and running thence North 77°44'14" West, 12.17 feet to a point hereafter referred to as Point C; thence continuing North 77°44'14" West, 26.73 feet; thence North 69°02'20" West, 39.65 feet; thence North 69°02'20" West, 33.91 feet to the point of curvature of a tangent curve, concave to the south, having a radius of 50.00 feet and a central angle of 17°25'02"; thence westerly along said curve, a distance of 15.20 feet; thence North 86°27'22" West, 70.28 feet to the point of curvature of a tangent curve, concave to the south, having a radius of 40.00 feet and a central angle of 26°02'42"; thence westerly along said curve, a distance of 18.18 feet; thence South 67°29'56" West, 1.14 feet to the point of curvature of a tangent curve, concave to the southeast, having a radius of 50.00 feet and a central angle of 15°46'43"; thence southwesterly along said curve, a distance of 13.77 feet; thence South 51°43'13" West, 9.27 feet to the point of curvature of a tangent curve, concave to the northwest, having a radius of 50.00 feet and a central angle of 16°01'44"; thence southwesterly along said curve, a distance of 13.99 feet; thence South 67°44'58" West, 97.71 feet; thence South 74°47'57" West, 21.96 feet to a point on the Southwesterly boundary of the above described parcel of land, and as required for fire safe turnouts and turn around.

Also together with an easement for access and utility purposes, being ten feet in width, the centerline of which is described as follows: Beginning at the above described Point B and running thence South 67°29'56" West, 5.00 feet; thence South 22°30'04" East, 4.51 feet; thence South 11°15'35" East, 70.89 feet; thence South 4°43'06" West, 50.65 feet; thence South 13°46'03" West, 81.84 feet; thence South 21°46'41" West, 65.57 feet; thence South 79°24'01" West, 33.92 feet to an existing utility service connection location.

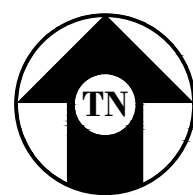
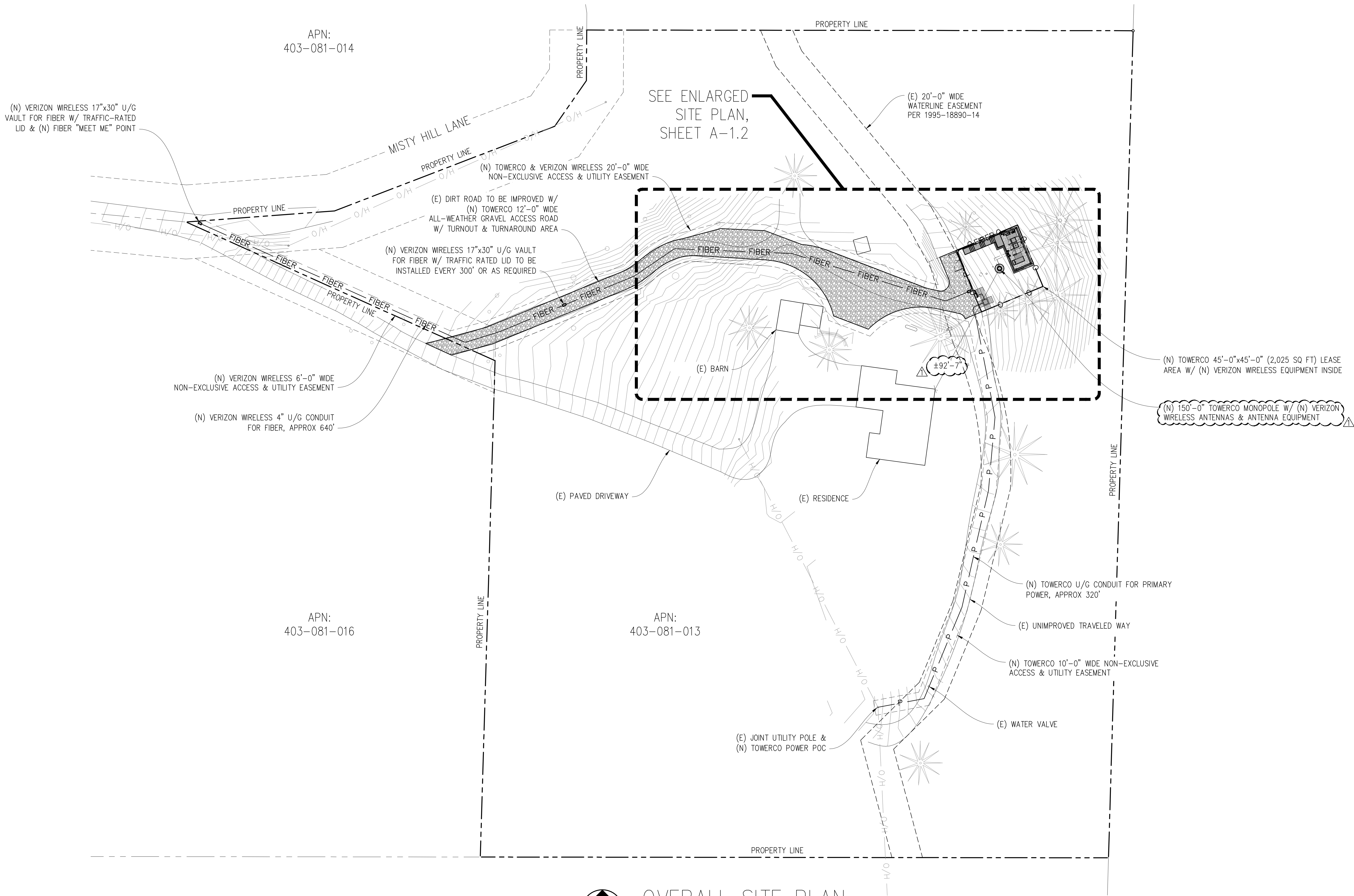
Also together with an easement for access and utility purposes, being twenty feet in width, the centerline of which is described as follows: Beginning at the above described Point A and running thence North 22°30'04" West, 35.95 feet.

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|  |          |      |          |    |    |     |       |
|--|----------|------|----------|----|----|-----|-------|
| DEPT   | APPROVED | DATE | Surveyor |    |    |     |       |
|  |          |      | A&C      | RE | RF | INT | EE\IN |
| GEIL ENGINEERING<br>ENGINEERING • SURVEYING • PLANNING<br>1226 HIGH STREET<br>AUBURN, CALIFORNIA 96603<br>Phone: (530) 945-0426<br>Fax: (530) 945-1309 |          |      |          |    |    |     |       |
| Freshwater<br>250 Misty Hill Lane<br>Eureka, CA 95503  |          |      |          |    |    |     |       |
| PLOT PLAN AND<br>SITE TOPOGRAPHY   |          |      |          |    |    |     |       |
| Sheet<br>C-2   |          |      |          |    |    |     |       |





OVERALL SITE PLAN

1"=30'-0"



Issued For:

FRESHWATER  
ROAD

250 MISTY HILL LANE  
EUREKA, CA 95503

PREPARED FOR  
**TowerCo**  
EMPOWERING connectivity

**verizon**  
2770 SHADELANDS DRIVE, BUILDING 11  
WALNUT CREEK, CA 94598

Vendor:

**COMPLETE**  
Wireless Consulting, Inc.

MDG LOCATION ID: 5000920338

PROJECT ID: 17314976

DRAWN BY: SEAD

CHECKED BY: N. GEORGE

APPROVED BY: -

ISSUE STATUS

| REV | DATE     | DESCRIPTION | CAD  |
|-----|----------|-------------|------|
| 4   | 03/05/25 | CLIENT REV  | S.D. |
| 3   | 08/19/24 | CLIENT REV  | T.T. |
| 2   | 07/25/24 | CLIENT REV  | T.T. |
| 1   | 07/03/24 | ZD 100%     | T.T. |
| 0   | 06/13/24 | CLIENT REV  | S.D. |
| 0   | 06/06/24 | ZD 90%      | -    |

Licensee:

PRELIMINARY:  
NOT FOR  
CONSTRUCTION

KEVIN R. SORENSEN  
S4469

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ENGINEER:

**Streamline Engineering**  
3843 Taylor Road, Suite A, Lodi, CA 95650  
Contact: Kevin Sorenson Phone: 916-660-1930  
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941  
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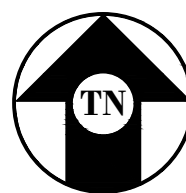
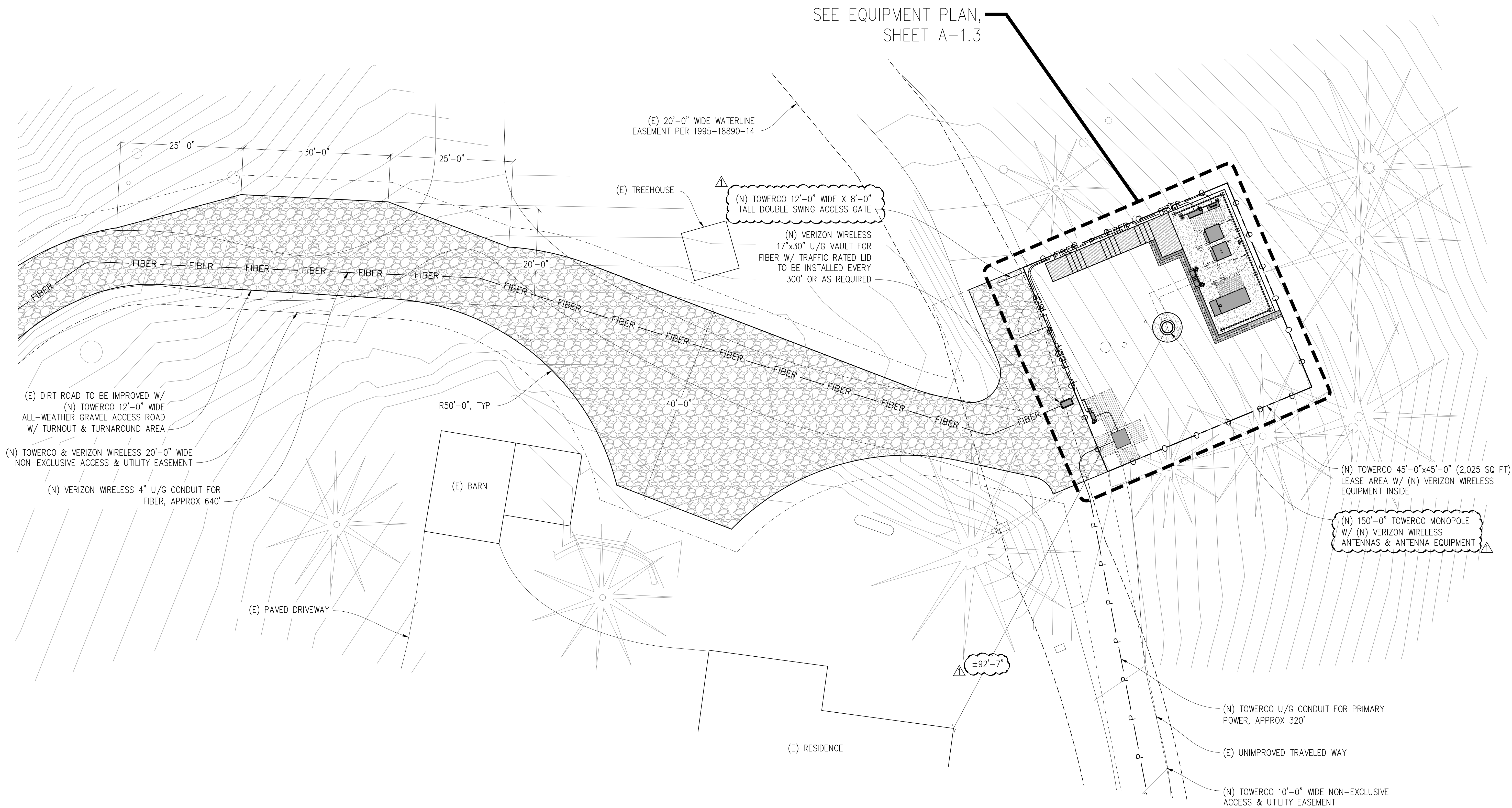
SHEET TITLE:

OVERALL  
SITE PLAN

SHEET NUMBER:

A-1.1





ENLARGED SITE PLAN

1"=10'-0"



Issued For:

FRESHWATER  
ROAD

250 MISTY HILL LANE  
EUREKA, CA 95503

PREPARED FOR  
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EMPOWERING connectivity

**verizon**  
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| 0   | 06/06/24 | ZD 90%      | -    |

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Contact: Kevin Sorenson Phone: 916-660-1830  
E-Mail: kevin@streamlineeng.com Fax: 916-660-1941  
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SHEET TITLE:

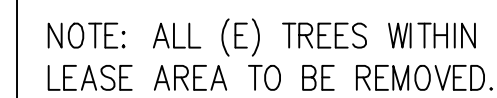
ENLARGED SITE  
PLAN

SHEET NUMBER:

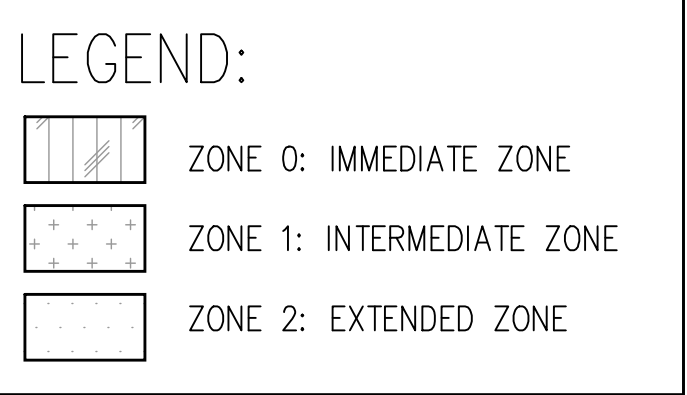
A-1.2



## A-1.3







|               |  |
|---------------|--|
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| SHEET NUMBER: | <div style="border: 1px solid black; border-radius: 15px; padding: 5px; text-align: center;">A-1.4</div>     |

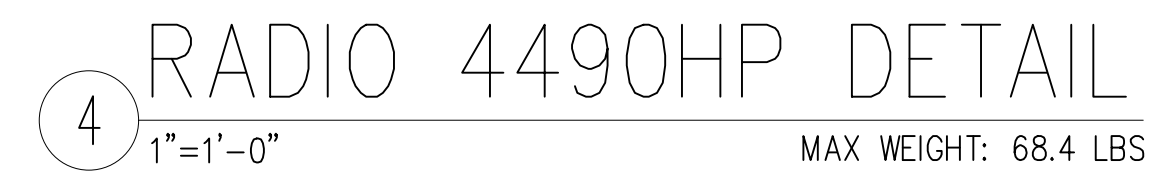
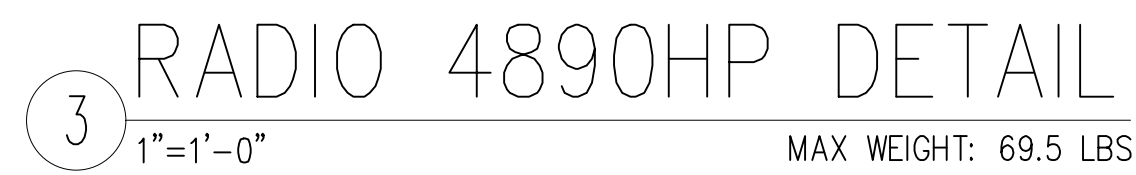






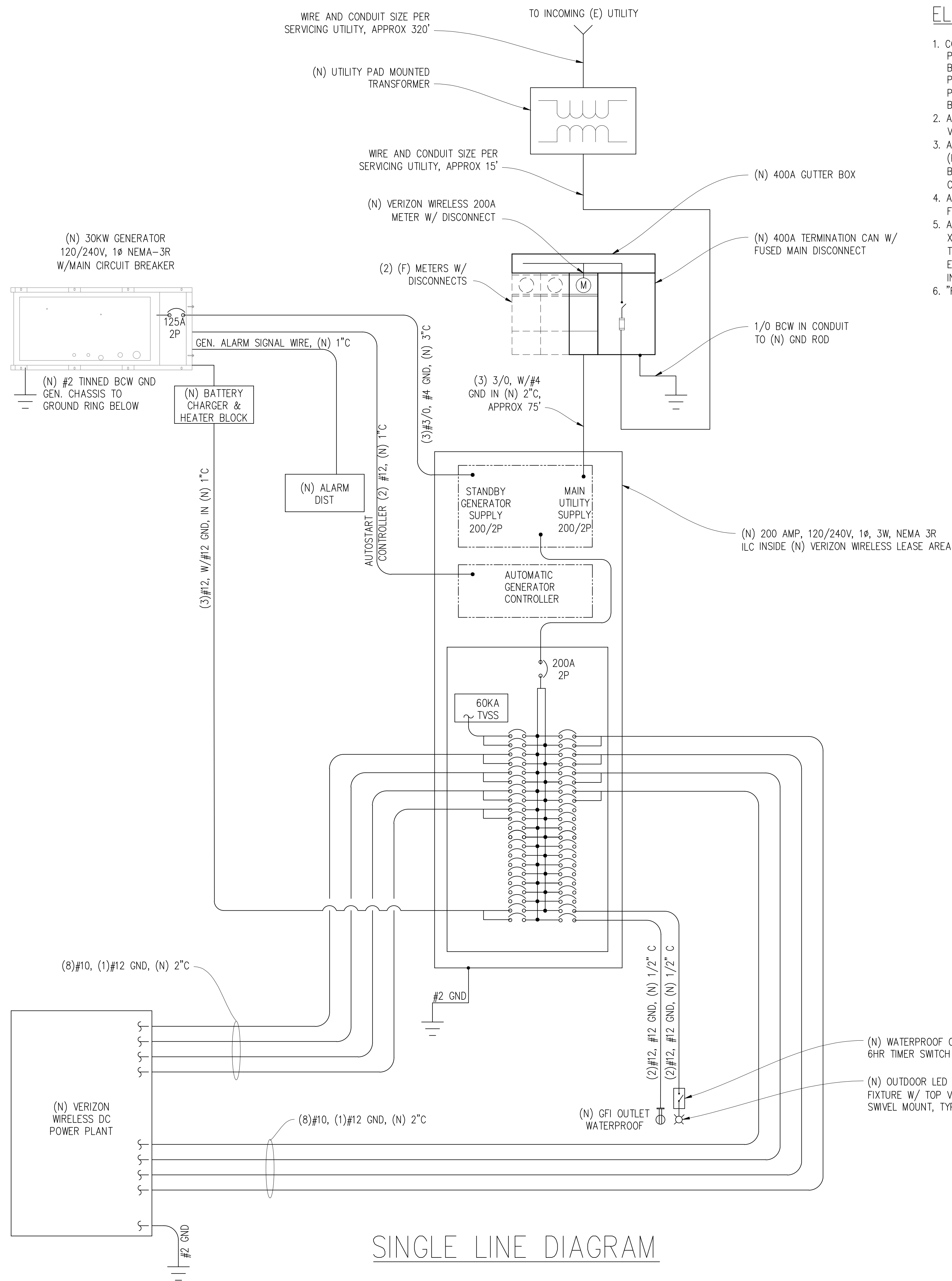






## A-4.1





## ELECTRICAL LABELING REQUIREMENTS

1. CONTRACTOR SHALL LABEL ALL ELECTRICAL DEVICES INSTALLED OR ALTERED PURSUANT TO THIS CONTRACT PER THE FOLLOWING. LABELS SHALL BE PERMANENT, BLACK ON WHITE PEEEL & STICK LABEL MAKER TYPE FOR ALL SWITCH & OUTLET PLATES, CONDUITS AND CEILING FIXTURES, AND SHALL BE PHENOLIC TAG TYPE FOR PANELS, XFMR's, PULL BOXES, ETC.; PHENOLIC TAGS SHALL BE TAG IN COLOR WHERE BACKED UP BY GENERATOR
2. ALL PANELS, XFMR's AND PULL BOXES SHALL BE LABELED WITH DEVICE 'NAME', VOLTAGE(S), RATING FOR XFMR's, AND "FED FROM" DATA.
3. ALL SWITCH & OUTLET PLATES SHALL BE LABELED WITH "FED FROM" CIRCUIT DATA (PANEL NAME & CIRCUIT#); ALL GANG SWITCHES SHALL BEAR SWITCH NUMBERS BEGINNING W/#1 ON LEFT OF THE MAIN LIGHTING SWITCH FOR EACH ROOM FOR COORDINATION W/FIXTURE LABELS.
4. ALL (N) OR RETROFITTED LIGHTING FIXTURES SHALL BE LABELED WITH THE "FED FROM" DATA (CIRCUIT#)
5. ALL CONDUITS EXITING A PANEL BOARD SHALL BE LABELED "CIRCUIT(S) 'X'..." WHERE X IS/ARE THE BREAKER#(S). CONDUITS EXITING XFMR's SHALL BE LABELED "FEEDER TO <PANEL, DEVICE>", E.G. "FEEDER TO PANEL <panel name> CONDUITS ENTERING/EXITING A ROOM OR FLOOR SHALL BE LABELED AT THE ENTRY & EXIT (OR IN A SINGLE LOCATION IF OBVIOUS) W/"FED FROM..." & "TO PANEL/XFMR/..." DATA.
6. "FED FROM: DATA = <panel name> <brk#> EG: "PANEL X/1,3,5)"

## ELECTRICAL NOTES

1. ALL ELECTRICAL WORK SHALL CONFORM TO THE 2017 IEC AS WELL AS ALL ADOPTED STANDARDS, APPLICABLE STATE AND LOCAL CODES.
2. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT, CONDUCTORS, PULL BOXES, TRANSFORMER PADS, POLE RISERS, AND PERFORM ALL TRENCHING AND BACKFILLING REQUIRED IN THE PLANS.
3. ALL ELECTRICAL ITEMS SHALL BE U.L. APPROVED OR LISTED AND PROCURED PER PLAN SPECIFICATIONS.
4. ALL CIRCUIT BREAKERS, FUSES, AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTION RATING NOT LESS THAN THE MAXIMUM SHORT CIRCUIT CURRENT TO WHICH THEY MAY BE SUBJECTED WITH A MINIMUM OF 10,000 A.I.C. OR AS REQUIRED.
5. THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY ALL APPLICABLE CODES.
6. ELECTRICAL WIRING SHALL BE COPPER #12 AWG MIN WITH TYPE THHN, THWN-2 OR THW-2, INSULATION RATED FOR 90°C DRY OR 70°C WET.
7. ALL OUTDOOR EQUIPMENT SHALL HAVE NEMA 3R ENCLOSURE.
8. ALL BURIED WIRE SHALL RUN THROUGH SCHEDULE 40 PVC CONDUIT UNLESS OTHERWISE NOTED.
9. A GROUND WIRE IS TO BE PULLED IN ALL CONDUITS.
10. WHERE ELECTRICAL WIRING OCCURS OUTSIDE A STRUCTURE AND HAS THE POTENTIAL FOR EXPOSURE TO WEATHER, WIRING SHALL BE IN WATERTIGHT GALVANIZED RIGID STEEL OR FLEXIBLE CONDUIT.
11. WHERE PLANS CALL FOR A NEW ELECTRICAL SERVICE, PRIOR TO SUBMITTING BID, CONTRACTOR SHALL VERIFY PLAN DETAILS WITH THE UTILITY'S SERVICE PLAN & REQ'DS INCLUDING SERVICE VOLTAGE, METER LOCATION, MAIN DISCONNECTING MEANS, AND AIC REQ'T, AND SHALL OBTAIN CLARIFICATION FROM THE PROJECT ENGINEER ON ANY DEVIATIONS FOUND IN THESE PLANS.
12. WHERE THESE PLANS SHOW A DC POWER PLANT, THE INSTALLATION OPERATING AT LESS THAN 50 VDC UNGROUNDED, 2-WIRE, SHALL COMPLY WITH ARTICLE 720, AS FOLLOWS:
  - A. POWER PLANT SHALL BE SUPPLIED BY THE WIRELESS CARRIER AS A PULL-TAG ITEM AND INSTALLED BY THE CONTRACTOR.
  - B. CONDUCTORS SHALL NOT BE SMALLER THAN #12 AWG COPPER MIN, CONDUCTORS FOR BRANCH CIRCUITS SUPPLYING MORE THAN ONE APPLIANCE SHALL BE 10 AWG CU MIN; CONTRACTOR SHALL SIZE CONDUCTORS BASED ON MFGR'S DATA FOR THE APPLIANCES SERVED.
  - C. THERE ARE NO DC RECEPTACLES OR LUMINARIES ALLOWED ON THIS PROJECT. ALL CIRCUITS SHALL ORIGINATE AT AN INTEGRATED DOUBLE LUG TAP OR SOCKET TERMINATION ON AN INTEGRATED DC CIRCUIT BREAKER AT AN INDIVIDUAL RECTIFIER MODULE AND TERMINATE AT THE SPECIALIZED LUG ON THE RESPECTIVE APPLIANCE AS A SINGLE RUN OF WIRE WITHOUT SPLICES. ALL DC WIRING SHALL BE LABELED AT THE DC PLANT WITH THE APPLIANCE SERVED AND THE DC VOLTAGE.
  - D. ALL CABLEING SHALL BE INSTALLED IN A NEAT AND WORKMAN LIKE MANNER AND SUPPORTED BY BUILDING STRUCTURE, EG. (N) CABLE TRAY OVERHEAD, IN SUCH A MANNER THAT THE CABLE WILL NOT BE DAMAGED BY NORMAL USE.

|                     |         |                          |                     |                   |    |                     |                    |                      |         |  |  |
|---------------------|---------|--------------------------|---------------------|-------------------|----|---------------------|--------------------|----------------------|---------|--|--|
| NAMEPLATE : PANEL A |         |                          |                     | SC LEVEL : 22,000 |    |                     |                    | VOLTS: 120V/240V, 1ø |         |  |  |
| LOCATION : OUTSIDE  |         |                          |                     |                   |    |                     |                    | BUS AMPS: 200A       |         |  |  |
| MOUNTING : H-FRAME  |         |                          |                     |                   |    |                     |                    | MAIN CB: 200A        |         |  |  |
| ØA                  | ØB      | LOAD DESCRIPTION         | BKR<br>AMP/<br>POLE | CIRCUIT NO        |    | BKR<br>AMP/<br>POLE | LOAD DESCRIPTION   | ØA                   | ØB      |  |  |
| LOAD VA             | LOAD VA |                          |                     |                   |    |                     |                    | LOAD VA              | LOAD VA |  |  |
| 30                  |         | SURGE ARRESTOR           | 60/2                | 1                 | 2  | 30/2                | (N) DC POWER PLANT | 2292                 |         |  |  |
|                     | 30      | " "                      | " "                 | 3                 | 4  | " "                 | " "                |                      | 2292    |  |  |
| 2292                |         | (N) DC POWER PLANT       | 30/2                | 5                 | 6  | 30/2                | " "                | 2292                 |         |  |  |
|                     | 2292    | " "                      | " "                 | 7                 | 8  | " "                 | " "                |                      | 2292    |  |  |
| 2292                |         | " "                      | 30/2                | 9                 | 10 | 30/2                | " "                | 2292                 |         |  |  |
|                     | 2292    | " "                      | " "                 | 11                | 12 | " "                 | " "                |                      | 2292    |  |  |
| 2292                |         | " "                      | 30/2                | 13                | 14 | 30/2                | " "                | 2292                 |         |  |  |
|                     | 2292    | " "                      | " "                 | 15                | 16 | " "                 | " "                |                      | 2292    |  |  |
| 2292                |         | " "                      | 30/2                | 17                | 18 | —                   | BLANK              |                      |         |  |  |
|                     | 2292    | " "                      | " "                 | 19                | 20 | —                   | " "                |                      |         |  |  |
|                     |         | BLANK                    | —                   | 21                | 22 | —                   | " "                |                      |         |  |  |
|                     |         | " "                      | —                   | 23                | 24 | —                   | " "                |                      |         |  |  |
|                     |         | " "                      | —                   | 25                | 26 | —                   | " "                |                      |         |  |  |
|                     |         | " "                      | —                   | 27                | 28 | —                   | " "                |                      |         |  |  |
|                     |         | " "                      | —                   | 29                | 30 | —                   | " "                |                      |         |  |  |
|                     |         | " "                      | —                   | 31                | 32 | —                   | " "                |                      |         |  |  |
|                     |         | " "                      | —                   | 33                | 34 | —                   | " "                |                      |         |  |  |
|                     |         | " "                      | —                   | 35                | 36 | —                   | " "                |                      |         |  |  |
|                     |         | " "                      | —                   | 37                | 38 | —                   | " "                |                      |         |  |  |
| 1000                |         | (N) GEN. HEATER          | 20/1                | 39                | 40 | 20/1                | LIGHTS             |                      | 300     |  |  |
|                     | 300     | (N) GEN. BATTERY CHARGER | 20/1                | 41                | 42 | 20/1                | GFI RECEPTACLE     | 180                  |         |  |  |
| 10198               | 9498    | PHASE TOTALS             |                     |                   |    |                     | PHASE TOTALS       | 9348                 | 9468    |  |  |
| TOTAL VA =          | 38512   | TOTAL AMPS =             | 160                 |                   |    |                     |                    |                      |         |  |  |
| TOTAL KVA =         | 38.51   |                          |                     |                   |    |                     |                    |                      |         |  |  |

Issued For:

FRESHWATER  
ROAD

250 MISTY HILL LANE  
EUREKA, CA 95503

PREPARED FOR  
**TowerCo**  
EMPOWERING connectivity

**verizon**  
2770 SHADELANDS DRIVE, BUILDING 11  
WALNUT CREEK, CA 94598

Vendor:



**COMPLETE**  
Wireless Consulting, Inc.

MDG LOCATION ID: 5000920338

PROJECT ID: 17314976

DRAWN BY: SEAD

CHECKED BY: N. GEORGE

APPROVED BY: -

## ISSUE STATUS

|     |          |             |      |
|-----|----------|-------------|------|
|     |          |             |      |
|     |          |             |      |
|     |          |             |      |
|     |          |             |      |
| ▲   | 03/05/25 | CLIENT REV  | S.D. |
| 4   | 08/19/24 | CLIENT REV  | T.T. |
| 3   | 07/25/24 | CLIENT REV  | T.T. |
| 2   | 07/03/24 | ZD 100%     | T.T. |
| 1   | 06/13/24 | CLIENT REV  | S.D. |
| 0   | 06/06/24 | ZD 90%      | -    |
| REV | DATE     | DESCRIPTION | CAD  |

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SHEET TITLE:

# ELECTRICAL PLAN

SHEET NUMBER:

## E-1.1