

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION, ACCESSIBILITY ACCESS IS

NOT REQUIRED, IN ACCORDANCE WITH CALIFORNIA BUILDING CODE, CODE OF REGULATIONS, TITLE 24, PART 2, VOLUME 1, CHAPTER 11B, DIVISION 2, SECTION

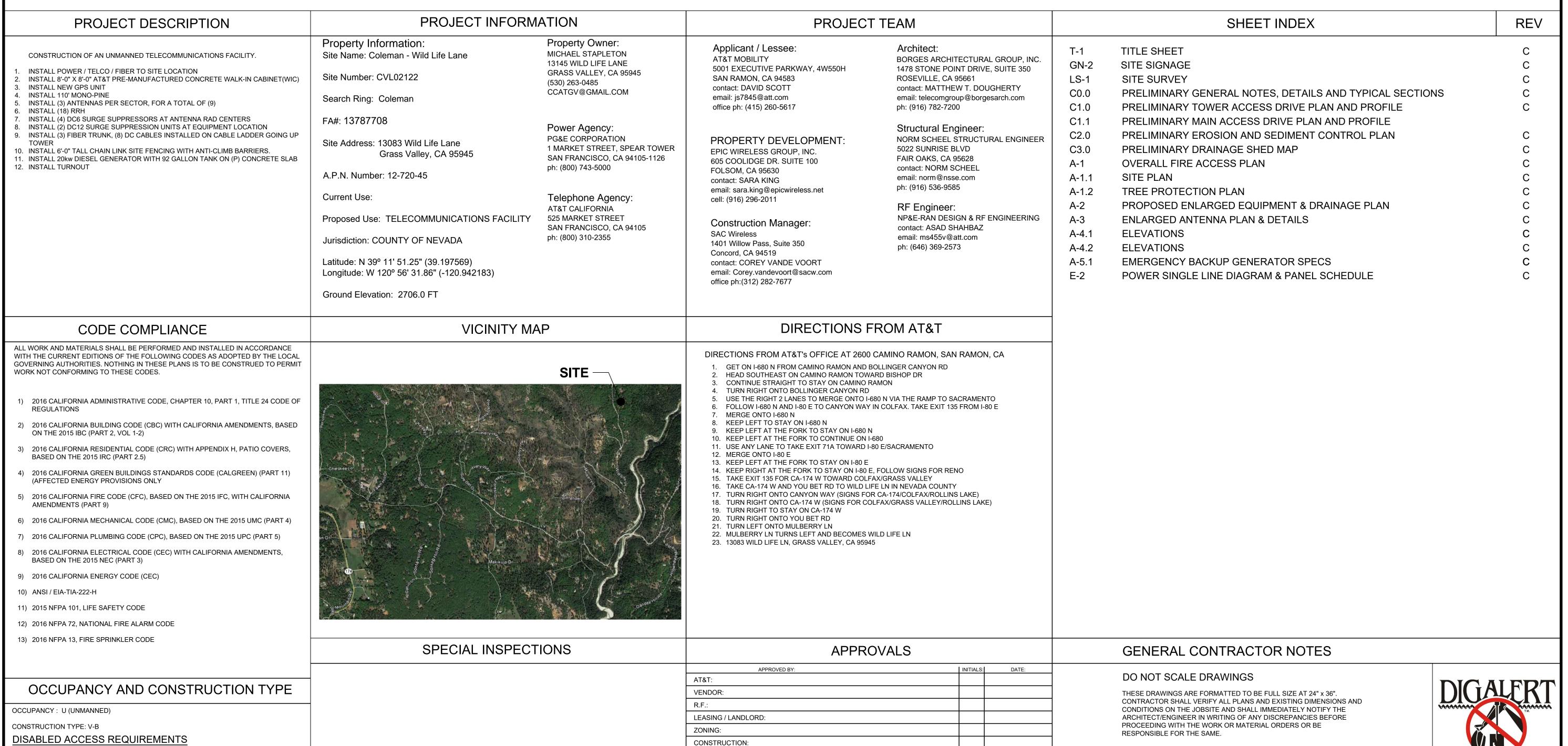
11B-203.5

SITE NUMBER: CVL02122

SITE NAME: COLEMAN - WILD LIFE LANE

13083 WILD LIFE LANE
GRASS VALLEY, CA 95945
JURISDICTION: COUNTY OF NEVADA

SITE TYPE: MONO-PINE / WIC



POWER / TELCO:

PG&E:

CVL02122

COLEMAN - WILD

LIFE LANE

EPIC
WIRELESS GROUP LLC
Connecting a Wireless World

605 Coolidge Dr. Suite 100 Folsom, CA. 95630

Vendor:





borgesarch.com

1478 STONE POINT DRIVE, SUITE 350 ROSEVILLE CA 95661 916 782 7200 TEL 916 773 3037 FAX

AT&T SITE NO: CVL02122

PROJECT NO: T-18509-02

DRAWN BY: J.E.S.

CHECKED BY: M.T.D.

C 11/29/18 100% ZD REV 1
B 08/14/18 100% ZD SUBMITTA
A 03/23/17 90% ZD SUBMITTA
REV DATE DESCRIPTION

Licensor:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

Issued For:

11/19/18

100% ZD Rev 1

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:

This Site Operated by:

AT&T MOBILITY

5001 EXECUTIVE PARKWAY SAN RAMON, CA 94583 IN CASE OF FIRE AND THE NEED FOR SHUTDOWN TO DEACTIVATE ANTENNAS CALL THE FOLLOWING NUMBER: For 24 Hour Emergency Contact and Access Please Call:

Reference Site#: CVL02122 Site Address: 13083 WILD LIFE LANE GRASS VALLEY, CA 95945

\ FENCED COMPOUND SIGNAGE



FENCED COMPOUND SIGNAGE



18 DOOR / EQUIPMENT SIGN

N.T.S.



Property of AT&T

GATE SIGNAGE

Authorized Personnel Only

In case of emergency, or prior to performing maintenance on this site, call 800-638-2822 and reference cell site number **CVL02122**

INFORMATION

Federal Communications Communication

Tower Registration Number

Posted in accordance with federal Communications

Commission rules and antenna tower registration

47CFR 17.4(g).

FCC ASR SIGNAGE

No Trespassing

Property of AT&T

Authorized

Violators will be Prosecuted

Personnel Only

In case of emergency, or prior to performing

maintenance on this site, call 800-638-2822

and reference cell site number CVL02122

SHELTER / CABINET DOORS SIGNAGE

INFORMATION AT&T MOBILITY OPERATES TELECOMMUNICATION ANTENNAS AT THIS LOCATION. REMAIN AT LEAST 3 FEET AWAY FROM ANY ANTENNA AND

OBEY ALL POSTED SIGNS.

CONTACT THE OWNER(S) OF THE ANTENNA(S) BEFORE WORKING CLOSER THAN 3 FEET FROM THE ANTENNA(S) CONTACT AT&T MOBILITY AT 800-638-2822 PRIOR TO PERFORMING ANY

MAINTENANCE OR REPAIRS NEAR AT&T MOBILITY ANTENNAS CONTACT THE MANAGEMENT OFFICE IF THIS DOOR/HATCH/GATE

IS FOUND UNLOCKED.

EN ESTA PROPIEDAD SE UBICAN ANTENAS DE TELECOMUNICACIONES OPERADAS POR AT&T. FAVOR MANTENER UNA DISTANCIA DE NO MENOS DE

INFORMACION

COMUNIQUESE CON EL PROPIETARIO O LOS PROPIETARIOS DE LAS ANTENAS ANTES DE TRABAJAR O CAMINAR DE MENOS DE 3 PIES DE LA COMUNIQUESE CON AT&T MOBILITY 800-638-2822 ANTES DE REALIZAR

CUALQUIER MANTENIMIENTO O REPARACION DE LAS ANTENAS DE AT&T

ESTA ES LA ESTACION BASE NUMERO.... FAVOR COMINUCARSE CON LA OFICINA DE LA ADMINISTRACION DEL

COMPLIANCE PROGRAM, LATEST EDITION.

TO BE WHITE FRONT & BACK w/ BLACK LETTERING.

LETTERS. THE REF LINE SHALL BE IN $\frac{1}{8}$ INCH LETTERS.

\ INFORMATION SIGNAGE

FABRICATION:

OF THE SIGN.

EDIFICIO SI ESTA PUENTA O COMPUERTA SE ENCUENTRA SIN CANDADO.

INFORMATION SIGN 1-1

CONTRACTOR SHALL INSTALL ALL INFORMATION SIGNAGE IN ACCORDANCE

SIGN 1 IS TO BE MADE ON THE 50 MIL ALUMINUM SHEETING (SIZE 8 INCHES BY

12 INCHES) W/ FOUR (4) 1/2 INCH MOUNTING HOLES. ONE EACH CORNER OF THE SIGN

FOR MOUNTING W/ HARDWARE W/ TIE WRAPS. THE MAIN BACKGROUND COLOR IS

THE INFORMATION BAND SHALL BE 1.2 INCH SOLID GREEN BAND w. 0.5 INCH HIGH

THE PLACEMENT OF TEXT SHALL BE DONE IN A MANNER THAT WILL PERMIT EASY

READING FROM A DISTANCE OF APPROXIMATELY 6 FEET IN FRONT OF THE SIGN.

ALL PAINT WILL BE BAKED W/ENAMEL W/ UV PROTECTIVE COATING OVER THE FACE

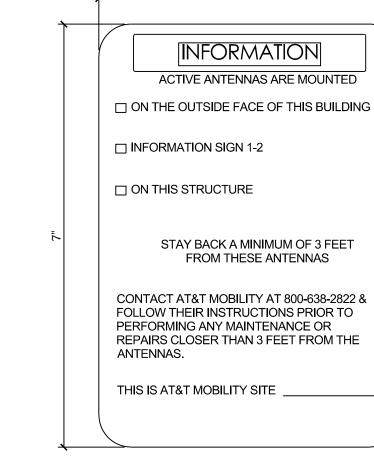
1. CONTRACTOR SHALL INSTALL ALL INFORMATION SIGNAGE IN ACCORDANCE w/ AT&T WIRELESS DOCUMENT #03-0074. RF

2. CONTRACTOR SHALL CONTACT AT&T R-RFSC FOR INFORMATION

BLACK LETTERING. THE BODY TEXT SHALL BE IN BLACK LETTERING w/0.2 INCH HIGH

w/ AT&T WIRELESS DOCUMENT #03-0074, RF EXPOSURE POLICY AND RF SAFETY

*SIGN I-1: ENTRANCE DOOR, SEE DETAIL 1A, THIS SHEET



FOLLOW THEIR INSTRUCTIONS PRIOR TO REPAIRS CLOSER THAN 3 FEET FROM THE

INFORMATION SIGN 1-2

*SIGN 1-2: POLE, SEE DETAIL 1B, THIS SHEET

SIGN 2 MUST BE A NON METALLIC LABEL w/ AN ADHESIVE BACKING, THE LABEL SHALL BE MADE USING VINYL OR SIMILAR WEATHERPROOF MATERIAL. THE LABEL SHALL BE APPROXIMATELY 5X7 INCHES w/ A WHITE BACKGROUND AND BLACK LETTERING. THE GREEN BAND SHALL BE 1.375 INCH IN HEIGHT & THE LETTERING SHALL BE BLACK W/ 0.75 INCH HIGH LETTERS. THE TEXT LETTERING SHALL BE BLACK W/ 1 INCH HIGH LETTERS. UV PROTECTION SHALL BE PLACED OVER THE FRONT OF THE LABEL.

*SIGN 1-3: BACK OF ANTENNAS, SEE DETAIL 1C & 3, THIS SHEET

*SIGN 3 IS A 1 INCH X 2 INCH PANEL THAT CAN BE APPLIED TO THE BACK OR SIDE OF AN ANTENNA TO IDENTIFY IT AS AN AT&T ANTENNA.

*SIGN 1-4: SIDE OF ANTENNAS, SEE DETAIL 1D & 3, THIS SHEET

SIGN 4 IS MADE FROM TRANSPARENT MATERIAL 1-1/2 INCHES WIDE & 24 INCHES LONG. THE LETTERING IS TO BE BLACK W 1 INCH LETTERING IN A VERTICAL COLUMN. THE SPACING BETWEEN WORDS MUST BE SUCH THAT IT IS EASILY READ & FILLS THE LENGTH OF THE SIGN.

SIGNAGE AND STRIPING INFORMATION

THE FOLLOWING INFORMATION IS A GUIDELINE w/ RESPECT TO PREVAILING STANDARDS LIMITING HUMAN EXPOSURE TO RADIO FREQUENCY ENERGY AND SHOULD BE USED AS SUCH. IF THE SITE'S EMF REPORT OR ANY LOCAL, STATE OR FEDERAL GUIDELINES OR REGULATIONS SHOULD BE IN CONFLICT w/ ANY PART OF THESE NOTES OR PLANS, THE MORE RESTRICTIVE GUIDELINE OR REGULATION SHALL BE FOLLOWED AND OVERRIDE THE LESSER

THE PUBLIC LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS 1mWcm*2 AND THE OCCUPATIONAL LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS 5mWcm*2 IF THE BOTTOM OF THE ANTENNA IS MOUNTED (8) EIGHT FEET ABOVE THE GROUND OR WORKING PLATFORM LINE OF THE PERSONAL COMMUNICATION SYSTEM (PCS) AND DOES NOT EXCEED THE PUBLIC LIMIT OF RF EXPOSURE

LIMIT THEN NO STRIPING OR BARRICADES SHOULD BE NEEDED IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR THAT CANNOT BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES DONE BEFORE OR SHORTLY AFTER COMPLETION OF SITE CONSTRUCTION. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH BARRICADES AND

IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR THAT CANNOT BE LOCKED, OR FIRE EGRESS) THEN BOTH BARRICADES AND STRIPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES AND STRIPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES & STRIPING SHALL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER COMPLETION OF SITE CONSTRUCTION. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH BARRICADES AND STRIPING

ALL TRANSMIT ANTENNAS REQUIRE A THREE LANGUAGE WARNING SIGN WRITTEN IN ENGLISH, SPANISH, AND CHINESE. THIS SIGN SHALL BE PROVIDED TO THE CONTRACTOR Y THE AT&T CONSTRUCTION PROJECT PLACED IN PLAIN SIGHT AT ALL ROOF ACCESS LOCATIONS AND ON ALL BARRICADES. THE SMALLER SIGN SHALL BE PLACED ON THE ANTENNA ENCLOSURES IN A MANNER THAT IS EASILY SEEN BY ANY PERSON ON THE ROOF. WARNING SIGNS SHALL COMPLY w/ ANSI C95.2 COLOR. SYMBOL. AND CONTENT CONVENTIONS. ALL SIGNS SHALL HAVE AT&T'S NAME AND THE COMPANY CONTACT INFORMATION (e.g. TELEPHONE NUMBER) TO ARRANGE FOR ACCESS TO THE RESTRICTED AREAS. THIS TELEPHONE NUMBER SHALL BE PROVIDED TO THE CONTRACTOR BY THE AT&T CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION.

PHOTOS OF ALL STRIPING, BARRICADES & SIGNAGE SHALL BE PART OF THE CONTRACTORS CLOSE OUT PACKAGE & SHALL BE TURNED INTO THE AT&T CONSTRUCTION PACKAGE & SHALL BE TURNED INTO THE AT&T CONSTRUCTION PROJECT MANAGER AT THE END OF CONSTRUCTION STRIPING SHALL BE DONE w/ FADE RESISTANT YELLOW SAFETY PAINT IN A CROSS-HATCH PATTERN AS DETAILED BY THE CONSTRUCTION DRAWINGS. ALL BARRICADES SHALL BE MADE OF AN RF FRIENDLY MATERIAL SO AS NOT TO BLOCK OR INTERFERE w/ THE OPERATION OF THE ANTENNAS. BARRICADES SHALL BE PAINTED w/ FADE RESTRAINT YELLOW SAFETY PAINT. THE CONTRACTOR SHALL PROVIDE ALL RF FRIENDLY BARRICADES NEEDED, & SHALL PROVIDE THE AT&T CONSTRUCTION PROJECT MANAGER w/ A DETAILED SHOP DRAWING OF EACH BARRICADE. UPON CONSTRUCTION COMPLETION.

GENERAL NOTES

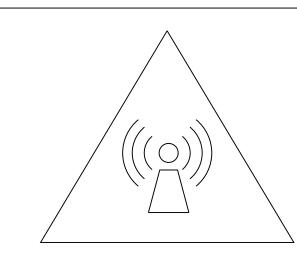
rename me to this view "dwg" name

SCALE: $\frac{1}{4}$ " = 1'

1-1/2"

NFORMATION SIGN 1-4

WARNING



AT&T operates antennas at this site.

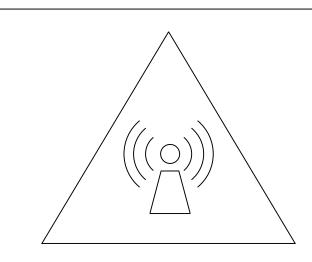
environment could result in serious injury.

Beyond This Point you are entering an area where radio frequency (RF) fields exceed the FCC Occupational Exposure Failure to follow safety guidelines for working in an RF

Contact AT&T at 800-638-2822, option 9 and 3, and request assistance prior to proceeding beyond this point.

Warning Sign #WA-1B-AL-128 This is AT&T site USID___

CAUTION



AT&T operates antennas at this site.

Beyond This Point you are entering an area where radio frequency (RF) fields *may exceed* the FCC Occupational Exposure Limits.

Follow safety guidelines for working in an RF environment.

Contact AT&T at 800-638-2822, option 9 and 3, and follow their instructions prior to perofmring maintenance or repairs beyond

Caution Sign #CABTP-AL-057

This is AT&T Site___

NOTICE

AT&T operates antennas at this site.

Beyond This Point you are entering an area where radio frequency (RF) fields *may exceed* the FCC General Population Exposure Limits.

Follow safety guidelines for working in an RF environment.

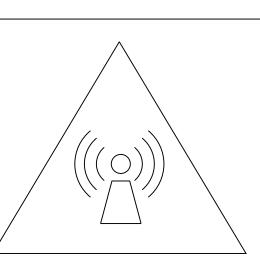
Contact AT&T at 800-638-2822, option 9 and 3, and follow their instructions prior to performing any maintenance or repairs above this point.

NO-2A-AL-128

This is AT&T Site___

NOTICE SIGN

rename me to this view "dwg" name



SITE SIGNAGE

SHEET NUMBER:

GN-2

\ CAUTION AND WARNING SIGN

rename me to this view "dwg" name

17 NFPA HAZARD SIGN

N.T.S.

DESCRIPTION

CVL02122

T-18509-0

J.E.S.

M.T.D.

C 11/29/18 100% ZD REV 1 B 08/14/18 100% ZD SUBMITT/

A 03/23/17 90% ZD SUBMITTA

Licensor:

AT&T Site ID:

Vendor:

CVL02122

COLEMAN - WILD

LIFE LANE

WIRELESS GROUP LLO

Connecting a Wireless World

PREPARED FOR

5001 Executive Parkway San Ramon, California 94583

borgesarch.com

ROSEVILLE CA 95661

916 782 7200 TFI

916 773 3037 FAX

AT&T SITE NO:

PROJECT NO:

DRAWN BY:

CHECKED BY:

1478 STONE POINT DRIVE, SUITE 350

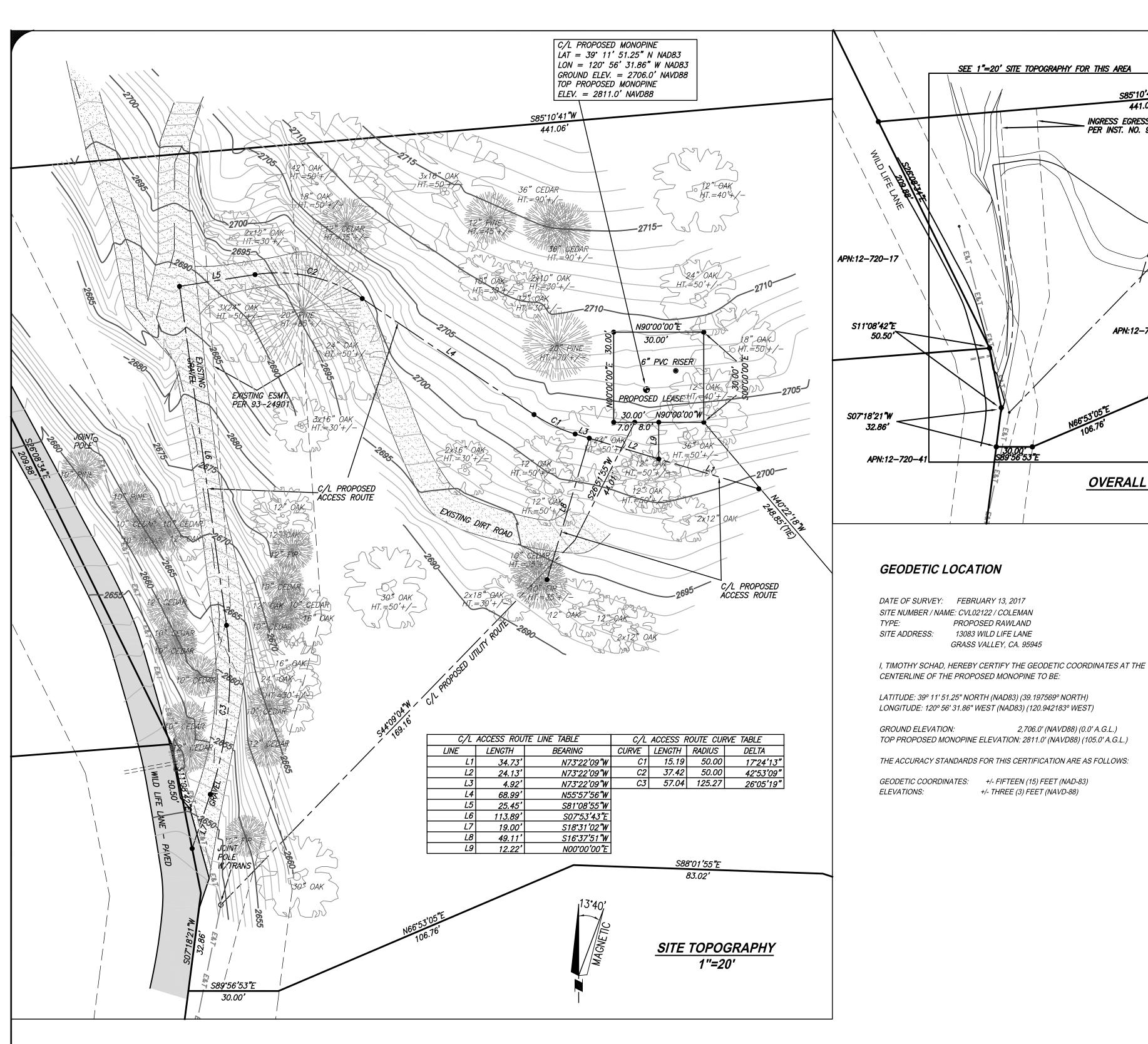
605 Coolidge Dr. Suite 100

Folsom, CA. 95630

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER

Issued For: 11/19/18

100% ZD Rev 1



TITLE NOTES

PER PRELIMINARY TITLE REPORT NO. FSSE-4021601797-TP, PREPARED BY FIDELITY NATIONAL TITLE COMPANY PROVIDED BY OTHERS, THE FOLLOWING EXCEPTIONS ARE ADDRESSED HEREON. PLEASE SEE COMMENTS IN **BOLD** FOLLOWING THE EXCEPTION

ITEM 4 & 5 - INGRESS AND EGRESS ROAD AND UTILITY EASEMENTS PER BOOK 510, PAGE 353 & BOOK 517, PAGE 287, OFFICIAL RECORDS ARE IDENTICAL TO THE EASEMENT SHOWN HEREON FOR WILD LIFE WAY.

ITEM 6 - ELECTRICAL AND COMMUNICATION FACILITIES EASEMENT PER BOOK 573, PAGE 379, OFFICIAL RECORDS IS NOT PLOTTABLE DUE TO THE NATURE OF THE

DESCRIPTION. ITEM 7 - INGRESS AND EGRESS EASEMENT PER INST. NO. 93-24901 IS DEPICTED

ANY EASEMENTS OR OTHER TITLE RELATED ISSUES NOT INCLUDED IN SAID REPORT WHICH ARE PART OF THE TITLE PROCESS MAY OR MAY NOT HAVE BEEN ADDRESSED, TIMOTHY F. SCHAD, L.S. ACCEPTS NO RESPONSIBILITY OR LIABILITY FOR BOUNDARY OR TITLE ITEMS ADDRESSED HEREON. THIS IS NOT A BOUNDARY SURVEY.

SURVEY NOTES

1. ALL LATITUDES AND LONGITUDES ARE NAD 83, ALL ELEVATIONS ARE NAVD 88 (UNLESS NOTED OTHERWISE).

2. ALL BOUNDARY INFORMATION SHOWN HEREON HAS BEEN COMPILED FROM RECORD DATA. THIS IS NOT A BOUNDARY SURVEY.

3. DATE OF FIELD SURVEY FEBRUARY 13, 2017 & SEPTEMBER 20, 2017.

4.PRELIMINARY TITLE REPORT NO. FSSE-4021601797-TP, PREPARED BY FIDELITY NATIONAL TITLE COMPANY HAS BEEN PROVIDED, ANY EASEMENTS OR OTHER TITLE RELATED ISSUES NOT INCLUDED IN SAID REPORT WHICH ARE PART OF THE TITLE PROCESS MAY OR MAY NOT HAVE BEEN ADDRESSED, TIMOTHY F. SCHAD, L.S. ACCEPTS NO RESPONSIBILITY OR LIABILITY FOR BOUNDARY OR TITLE ITEMS ADDRESSED HEREON. THIS IS NOT A BOUNDARY SURVEY.

LEGAL DESCRIPTION

APN:12-720-44

APN:12-720-46

LEASE PARCEL

INGRESS EGRESS EASEMENT PER INST. NO. 93-24901

APN:12-720-45

OVERALL PARENT PARCEL

1"=50"

2,706.0' (NAVD88) (0.0' A.G.L.)

PARENT PARCEL

APN:12-800-01

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE UNINCORPORATED AREA IN COUNTY OF NEVADA, STATE OF CALIFORNIA AND IS DESCRIBED AS FOLLOWS:

LEGEND

——— TEL ——— TEL ——— TELEPHONE LINE

— E — E — ELECTRIC LINE

— — — — — EASEMENT LINE

----- FLOW LINE

E&T - E&T - ELECTRIC AND TELEPHONE LINES

ORIGINAL GROUND TOP OF CURB

TOP OF WALL BOTTOM OF WALL TOP BACK OF WALK

GROUND WELL CENTERLINE

BOTTOM FACE OF CURB

ALL THAT PORTION OF THE TRACT OR LAND CONVEYED BY ROBERT G. SAYEGH AND KATHERINE W. SAYEGH TO LEOPOLD F. SUSKO JR. AND SUZANNE R. SUSKO, BY INSTRUMENT DATED JUNE 6, 1970, RECORDED JUNE 24, 1970, IN BOOK 517, PAGE 287, OFFICIAL RECORDS OR NEVADA COUNTY, CALIFORNIA, LYING WITHIN THE LINES OF THE FOLLOWING DESCRIBED PROPERTY. PARCEL C, AS SHOWN ON PARCEL MAP FILED FEBRUARY 19, 1970, IN BOOK 7, PAGE 88 OR PARCEL

MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF NEVADA COUNTY. CALIFORNIA. EXCEPTING THEREFROM ALL THAT PROPERTY AS DESCRIBED IN THE DEED DATED SEPTEMBER 23,1991, RECORDED OCTOBER 211991, SERIES NO.91-30611, OFFICIAL RECORDS EXECUTED BY RICHARD FUXJAGER TO RICHARD FUXJAGER, AN UNMARRIED MAN, BEING MORE FULLY DESCRIBED AS FOLLOWS:

A PORTION OF PARCEL C AS SHOWN ON THE PARCEL MAP FILED FEBRUARY 19. 1970, IN BOOK 7, PAGE 88 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF NEVADA COUNTY, CALIFORNIA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTH ITNE OF SAID PARCEL C, FROM WHICH THE SOUTHWEST CORNER OF SAID PARCEL C BEARS NORTH 89° 56' 53" WEST 30.00 FEET; THENCE FROM SAID POINT OF BEGINNING NORTH 66°53' 05" EAST 100.76 FEET TO A 3/4 INCH IRON PIPE TAGGED RCE 19119; THENCE SOUTH 88° 01'55" EAST 83.02 FEET TO A 3/4 INCH IRON PIPE LAGGED RCE 19119; THENCE SOUTH 72° 04' 25" EAST 127.78 FEET TO A 3/4 INCH IRON PIPE LAGGED RCE 19119, SAID POINT BEING THE SOUTHEAST CORNER OF SAID PARCEL C; THENCE NORTH 89° 56' 53" WEST 302.74 FEET COINCIDENT WITH THE SOUTH LINE OF SAID PARCEL C TO A 3/4 INCH IRON PIPE AND THE POINT

SAID EXCEPTION IS SHOWN ON THE LOT LINE ADJUSTMENT RECORD OF SURVEY FILED IN THE OFFICE OF THE NEVADA COUNTY RECORDER ON OCTOBER 2, 1991, IN BOOK 10 OF SURVEYS, PAGE

TOGETHER WITH A RIGHT OF WAY 30 FEET IN WIDTH FOR INGRESS, EGRESS AND UTILITY PURPOSES THE EASTERLY LINES OF WHICH ARE IDENTICAL TO THE WESTERLY LINES OF THE LAND DESCRIBED IN THE DEED RECORDED JUNE 25, 1970, IN BOOK 517, PAGE 287, OFFICIAL RECORDS. ALSO TOGETHER WITH A RIGHT OF WAY 60 FEET IN WIDTH FOR INGRESS, EGRESS AND UTILITY PURPOSES, THE CENTERLINE OF WHICH IS DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHWEST CORNER OF THE LAND DESCRIBED IN THE DEED RECORDED JUNE

25, 1970, IN BOOK 517, PAGE 287, OFFICIAL RECORDS; THENCE FROM SAID POINT OF BEGINNING, SOUTH 13° 46' 51" EAST 334.73 FEET, SOUTH 12° 56' 12" WEST 106.69 FEET, SOUTH 35° 31' 34" WEST 292.48 FEET, SOUTH 16° 47' 45" EAST 130.52 FEET, SOUTH 01° 12' 53" EAST 132.19 FEET, SOUTH 06° 22' 35" WEST 206,57 FEET, SOUTH 13° 56' 22" EAST 124.35 FEET, SOUTH 40° 17' 39' EAST 97.42 FEET, SOUTH 69° 01'23" EAST, 108.46 FEET, SOUTH 39° 37' 27" EAST 122.76 FEET, SOUTH 03° 54'52" EAST 116.73 FEET, SOUTH 24° 49' 26" WEST 119.85 FEET, SOUTH 04° 04' 46" EAST 98.51 FEET, SOUTH 28° 47' 29" EAST 156.76 FEET, SOUTH 65° 07' 40" WEST 46.40 FEET, NORTH 37° 44' 28" WEST 306.32 FEET, NORTH 48° 50' 03" WEST, 176.08 FEET, NORTH 58° II' 17" WEST 590.79 FEET, NORTH 37° 26' 26" WEST 315.75 FEET, NORTH 60° 34' 08" WEST 128.15 FEET AND SOUTH 59° 57' 17" WEST 95.94 FEET TO A POINT IN THE CENTERLINE OF LITTLE GREENHORN CREEK AND THE POINT OF ENDING.

LEASE AREA

COMMENCING AT THE SOUTHEAST CORNER OF THE PREVIOUALY DESCRIBED PARENT PARCEL; THENCE NORTH 40° 22' 18" WEST, 248.85 FEET TO THE TRUE POINT OF BEGINNING; THENCE THE FOLLOWING FOUR (4) COURSES:

- 1: NORTH 90° 00' 00" WEST, 30.00 FEET, 2: NORTH 00° 00' 00" EAST, 30.00 FEET,
- 3: NORTH 90° 00' 00" EAST, 30.00 FEET,
- 4: SOUTH 00° 00' 00" EAST, 30.00 FEET

TO THE TRUE POINT OF BEGINNING AND ENCOMPASSING 900.0 SQUARE FEET, MORE OR LESS.

TOGETHER WITH THE RIGHTS OF INGRESS AND EGRESS BETWEEN THE PREVIOUSLY DESCRIBED LEASE AREA AND THE PUBLIC RIGHT OF WAY AND THE RIGHT TO INSTALL AND MAINTAIN UTILITIES NECESSARY FOR THE OPERATION OF THE FACILITY TO BE INSTALLED WITHIN THE PREVIOUSLY DESCRIBED LEASE AREA.



ISSUE STATUS

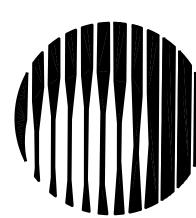
DATE DESCRIPTION

TIMOTHY SCHAD, L.S.

10699 ROUND VALLEY RD.

GRASS VALLEY, CA. 95949 PHONE: (530) 271-7477

TIM@INITIALPOINT.COM



SHEET TITLE:

SITE SURVEY

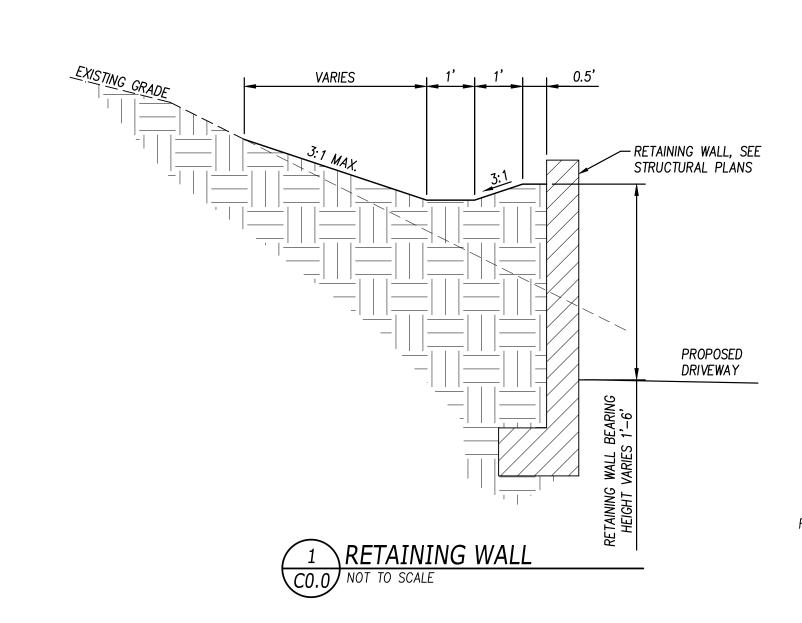
LS-1

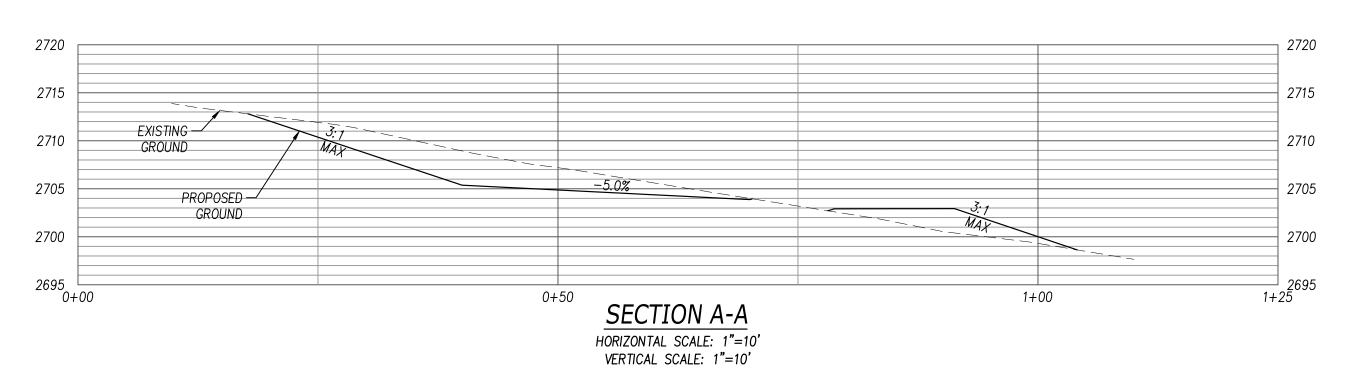
GENERAL CONSTRUCTION NOTES: 1. ALL GRADING SHALL CONFORM TO NEVADA COUNTY GRADING STANDARDS CODE (TITLE 3, CHAPTER 5, ARTICLE 13). 2. FOR SITE PREPARATION, SUITABLE FILL MATERIAL, GRADING AND EARTHWORK ACTIVITIES, FOUNDATION SETBACKS AND OTHER GEOTECHNICAL RECOMMENDATIONS, REFER TO THE GEOTECHNICAL INVESTIGATION REPORT PREPARED BY GEOPLUS PARTNERS, DATED NOVEMBER 9, 2017. SITE ANGLE MATERIAL STANDARD COMMENDATION OF THE PROPERTY OF THE PR

VICINITY MAP

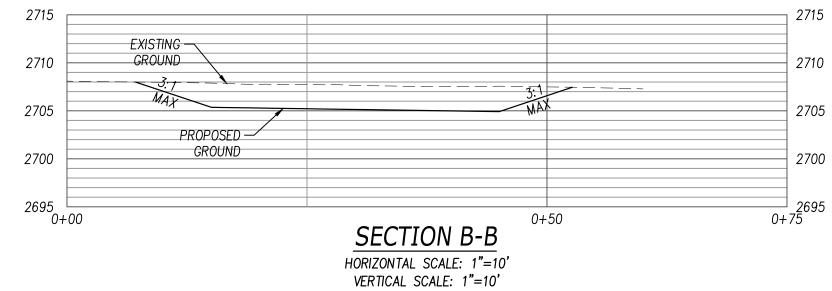
NOT TO SCALE

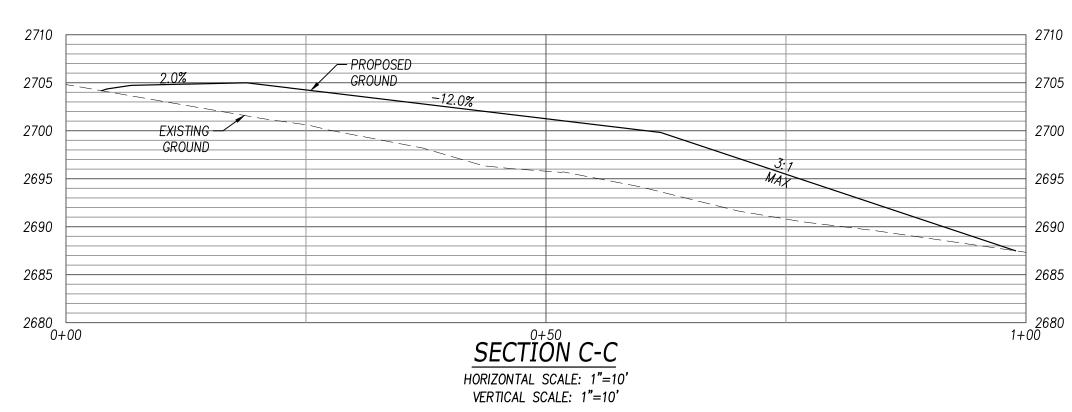
Nightingale Farms 🌼

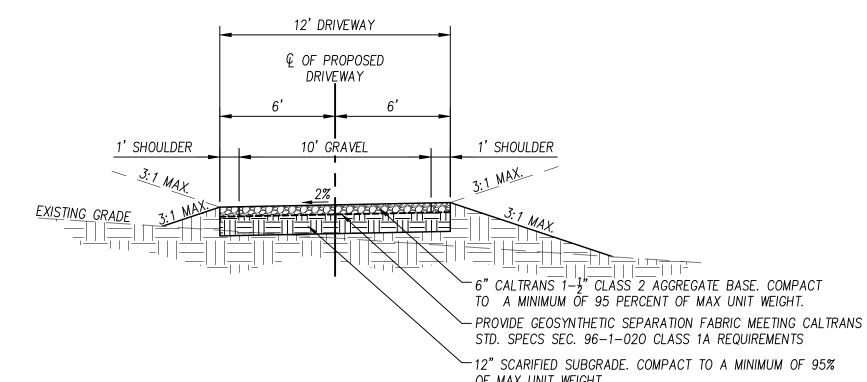




Flying Whale



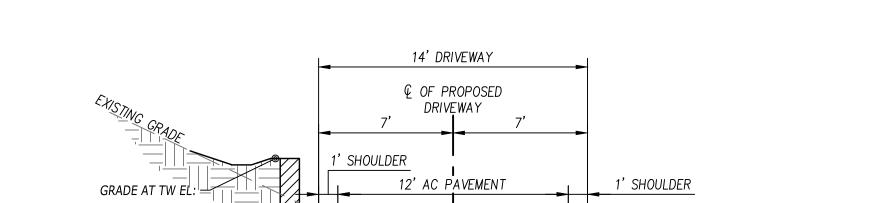




TYPICAL GRAVEL TOWER ACCESS DRIVE SECTION STA: 1+00 TO STA: 2+10

TYPICAL GRAVEL MAIN ACCESS DRIVE SECTION STA: 11+90 TO STA: 12+30

NOT TO SCALE



RETAINING WALL. HEIGHT VARIES 1'-6'.

SEE DETAIL 1/CO.0

GRADE AT BW EL:

3" AC PER NEVADA COUNTY ROAD STANDARDS.

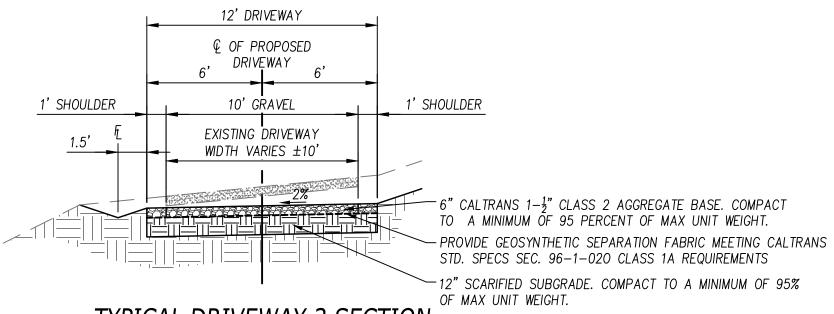
PROVIDE GEOSYNTHETIC SEPARATION FABRIC MEETING CALTRANS STD. SPECS SEC. 96-1-020 CLASS 1A REQUIREMENTS

6" CALTRANS 1-½" CLASS 2 AGGREGATE BASE. COMPACT TO A MINIMUM OF 95 PERCENT OF MAX UNIT WEIGHT.

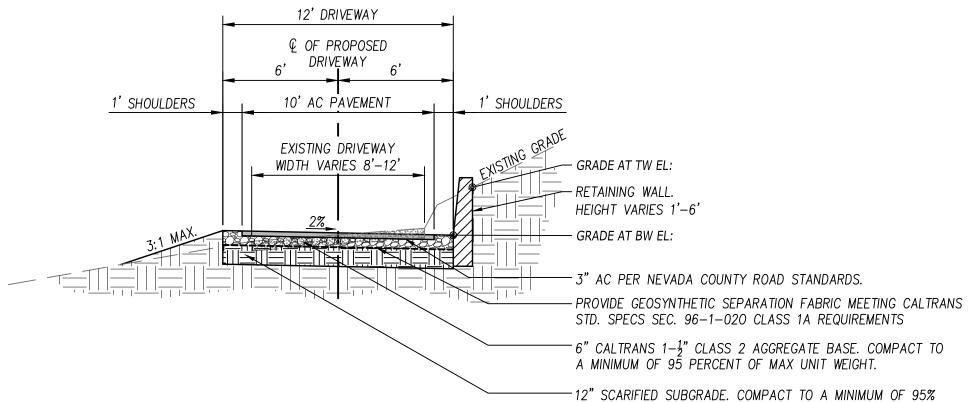
─12" SCARIFIED SUBGRADE. COMPACT TO A

TYPICAL AC TOWER ACCESS DRIVE SECTION

STA: 0+00 TO STA: 1+00 NOT TO SCALE



TYPICAL DRIVEWAY 2 SECTION
STA: 0+53 TO STA: 0+88
NOT TO SCALE



TYPICAL AC MAIN ACCESS DRIVE SECTION OF MAX UNIT WEIGHT.

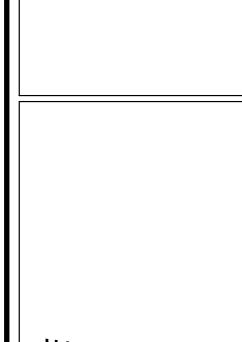
STA: 10+04 TO STA: 11+65

NOT TO SCALE

ENGINETAR EERS

4180 Douglas Blvd, Suite 200
Granite Bay, California 95746
T (916) 978-4001
www.cartwrightengineers.com

REVISIONS												
MARK	DATE	DESCRIPTION										
Λ												
2												
3												
4												
Δ												



3 WILD LIFE LANE SS VALLEY, CA 95945

PROJECT #: 217125

SCALE:

DATE: 11/27/2018

APPROVALS

DESIGNED BY: JDC

DRAWN BY: SD/KB

CHECKED BY: JDC/SL

NOTED

SHEET TITLE

PRELIMINARY GENERAL

NOTES, DETAILS AND

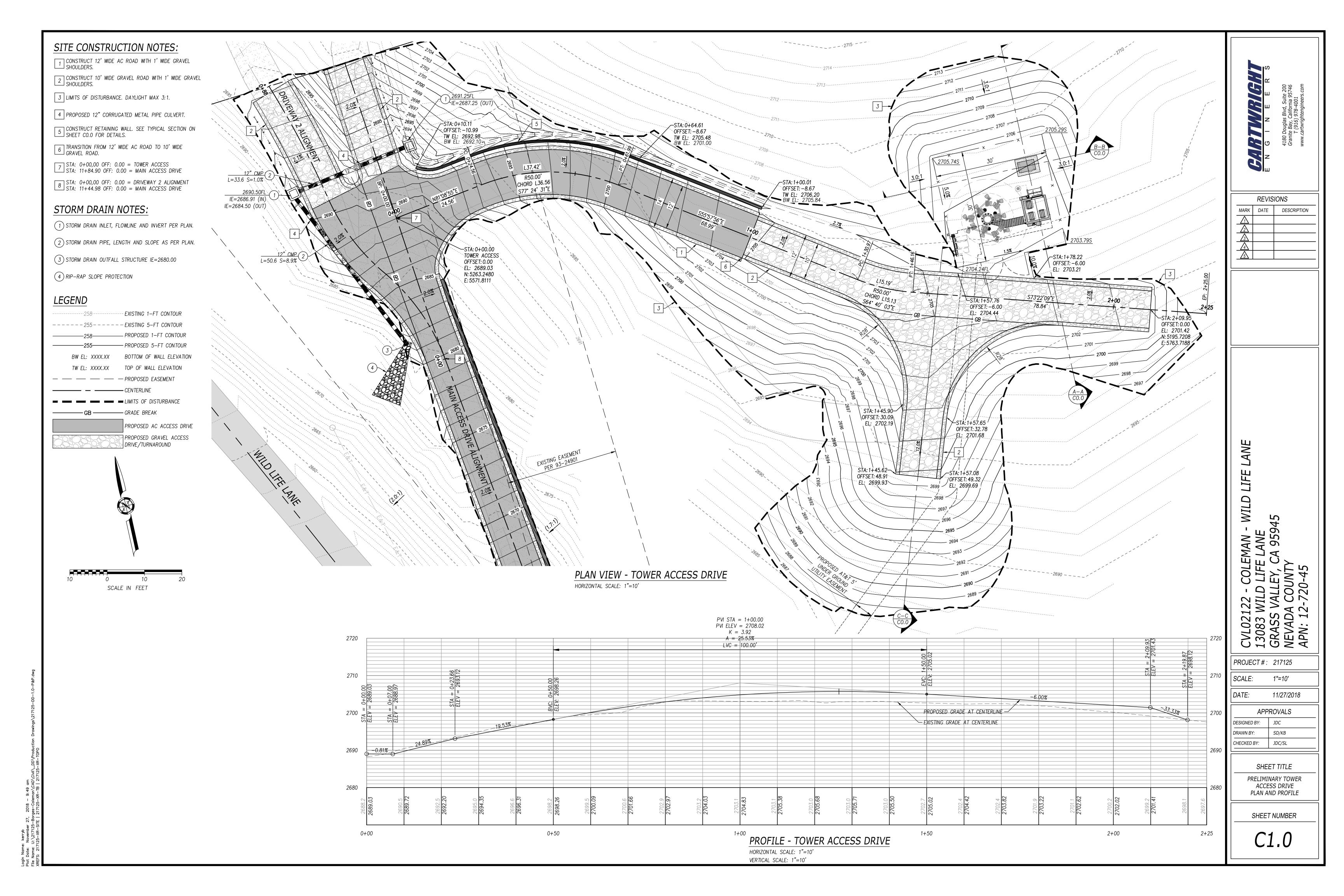
TYPICAL SECTIONS

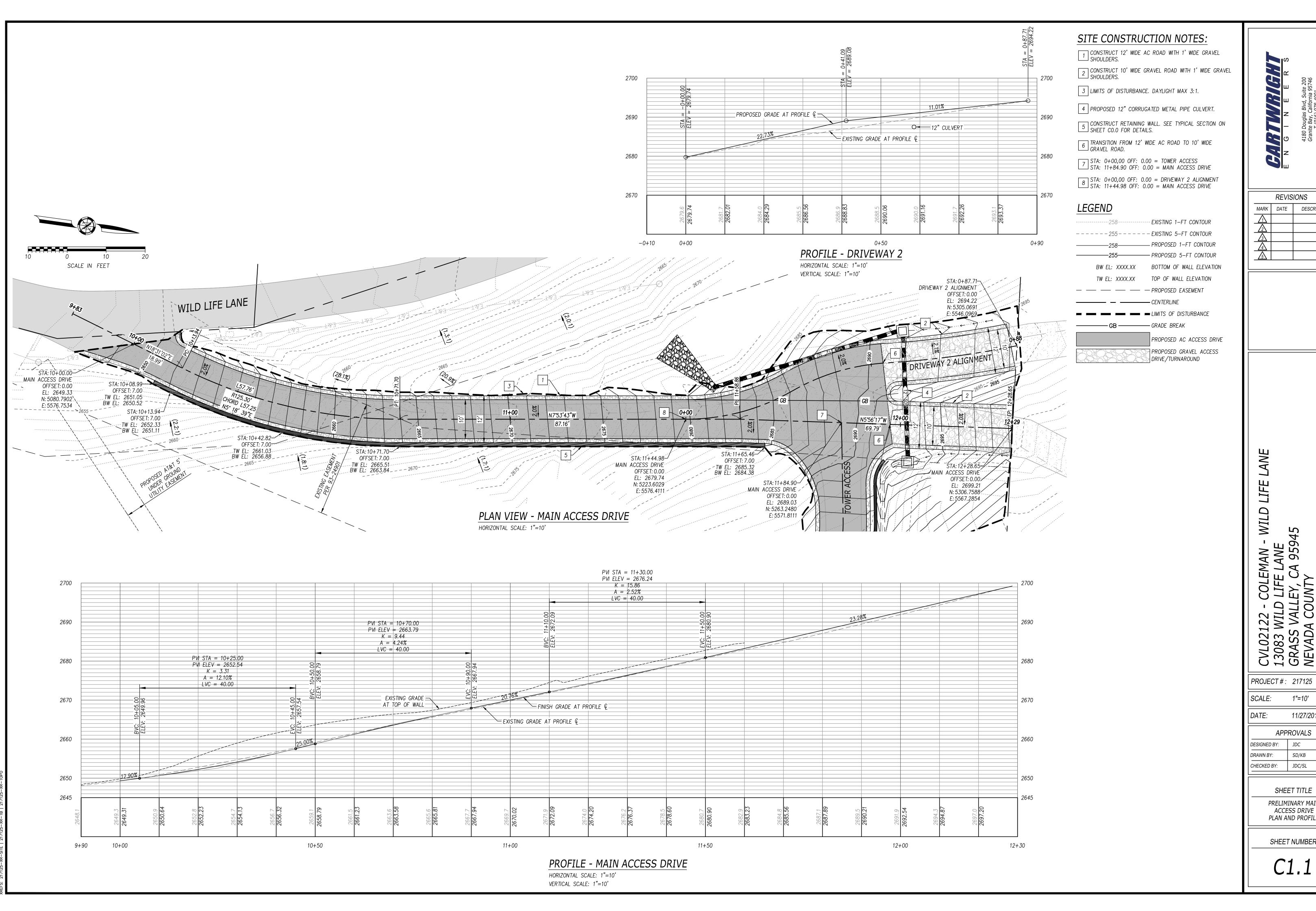
SHEET NUMBER

*C*0.0

index. November 27, 2018 — 9:49 am ame: U:\217125-Borges-Coleman\CAD\Civil_DD\Production Drawings\217125-DD-0.0-NOTES.c

10 0 10 .
SCALE IN FEET





REVISIONS MARK DATE DESCRIPTION

MILD

1"=10'

11/27/2018

APPROVALS DESIGNED BY: JDC

SD/KB CHECKED BY: JDC/SL

> SHEET TITLE PRELIMINARY MAIN ACCESS DRIVE PLAN AND PROFILE

SHEET NUMBER

PROPOSED 5-FT CONTOUR

LIMITS OF DISTURBANCE

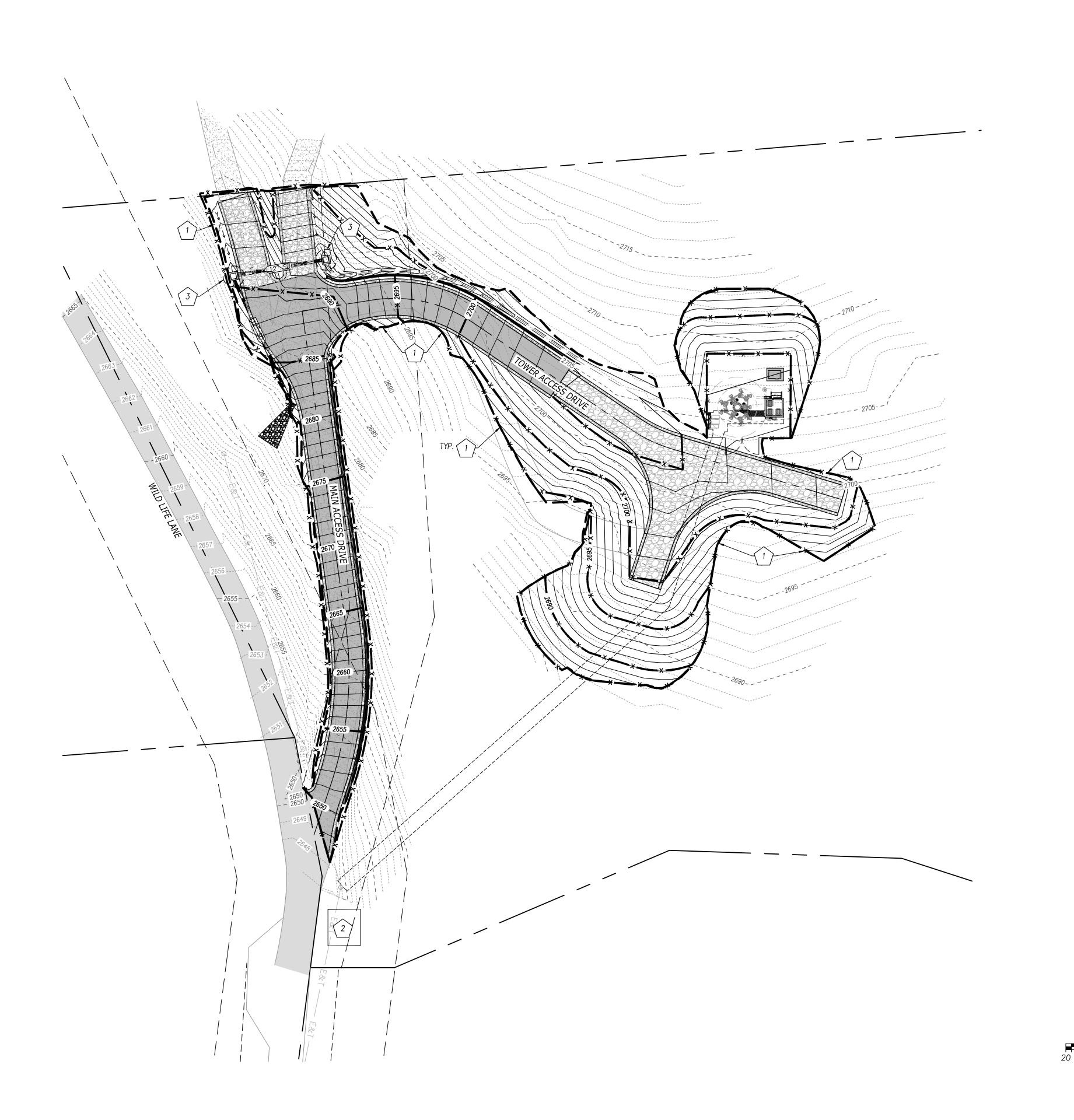
PROPOSED AC ACCESS DRIVE/TURNAROUND
PROPOSED GRAVEL ACCESS DRIVE/TURNAROUND

PROPOSED INLET PROTECTION

EROSION AND SEDIMENT CONTROL NOTES:

- CONSTRUCT PERIMETER EROSION CONTROL UTILIZE FIBER ROLLS PER CASQA STD. DWG. SE—5.
- 2 PROPOSED SITE CONCRETE WASHOUT PER CASQA STD. DWG. WM-8.
- 3) INSTALL INLET SEDIMENT CONTROL PROTECTION DEVICE

NOTE: ALL AREAS THAT ARE DISTURBED SHALL BE STABILIZED WITH PERMANENT EROSION CONTROL MEASURES PRIOR TO CONTRACT CLOSEOUT.





22 - COLEMAN - WILD LIFE LANE /ILD LIFE LANE /ALLEY, CA 95945

PROJECT#: 217125

SCALE: 1"=20'

TE: 11/27/2018

APPROVALS

DESIGNED BY: JDC

DRAWN BY: SD/KB

CHECKED BY: JDC/SL

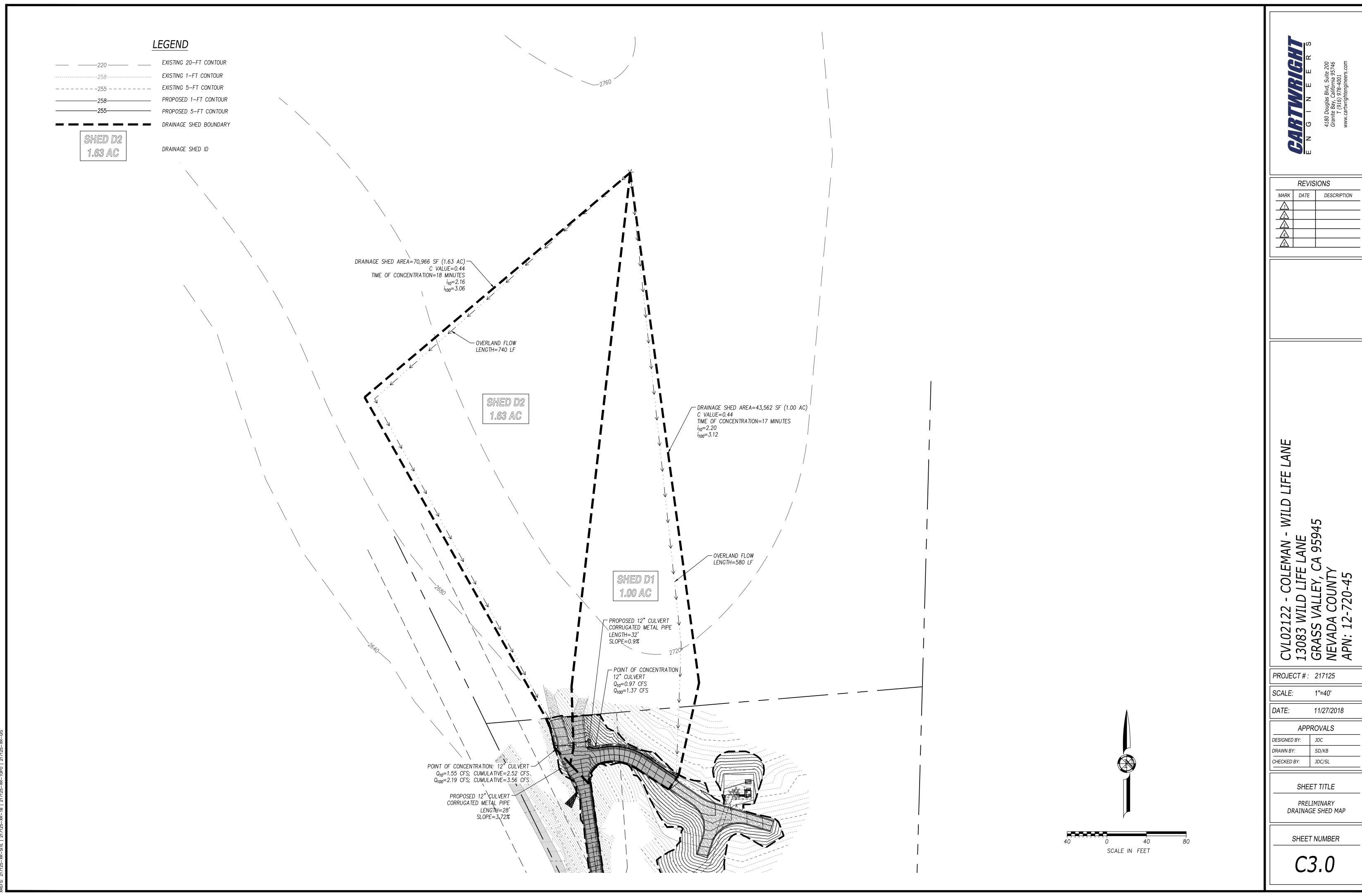
SHEET TITLE

PRELIMINARY EROSION AND SEDIMENT CONTROL PLAN

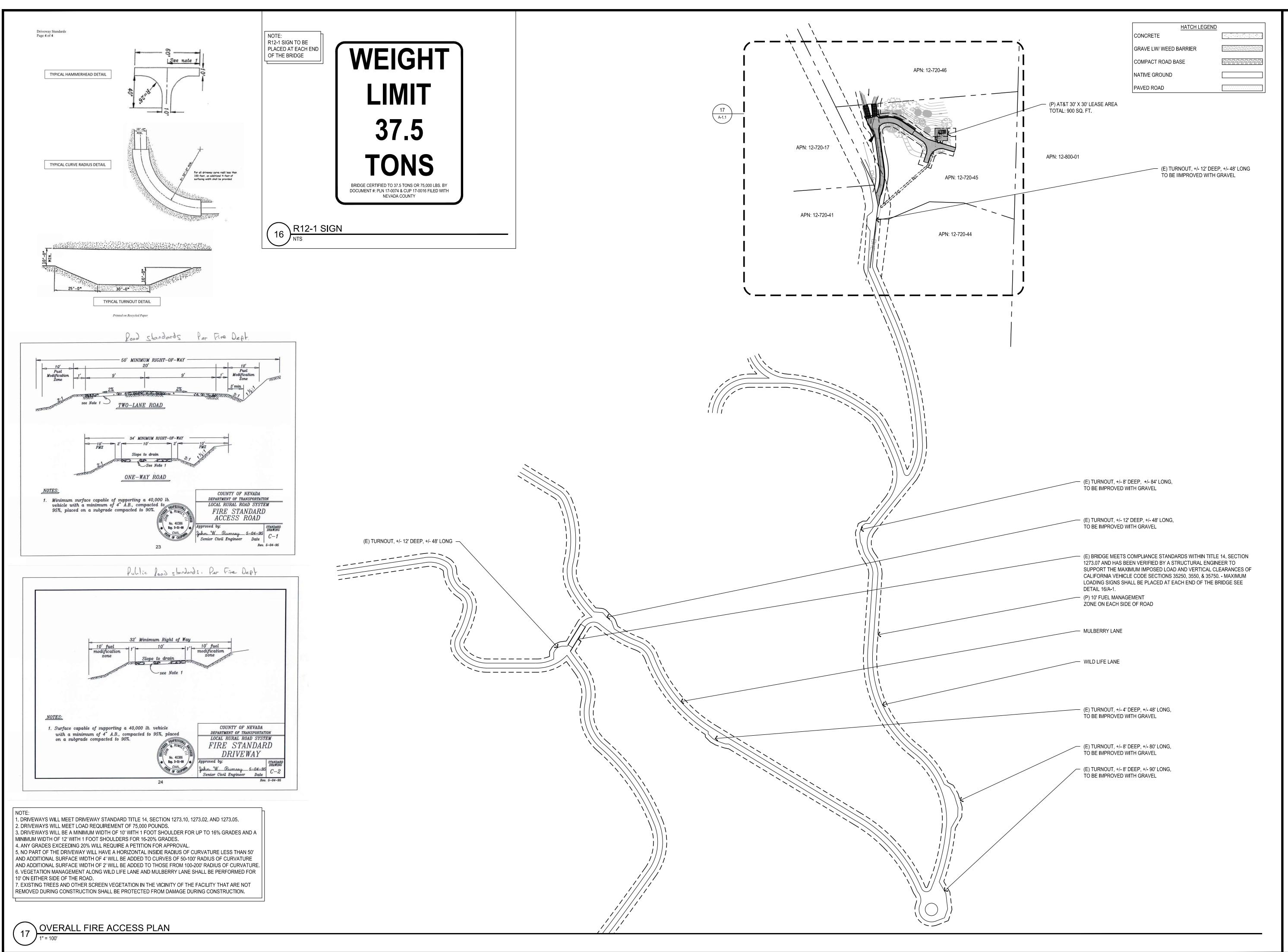
SHEET NUMBER

SCALE IN FEET

C2.0



REVISIONS												
MARK	DATE	DESCRIPTION										
Λ												
2												
<u>3</u>												
4												
$\sqrt{5}$												



CVL02122

COLEMAN - WILD

Vendor:



LIFE LANE

605 Coolidge Dr. Suite 100 Folsom, CA. 95630



5001 Executive Parkway San Ramon, California 94583 Architect:

Borges

borgesarch.com

1478 STONE POINT DRIVE, SUITE 350
ROSEVILLE CA 95661

916 782 7200 TEL
916 773 3037 FAX

AT&T SITE NO: CVL02122

PROJECT NO: T-18509-02

DRAWN BY: J.E.S.

CHECKED BY: M.T.D.

C 11/29/18 100% ZD REV 1
B 08/14/18 100% ZD SUBMITTA
A 03/23/17 90% ZD SUBMITTA
REV DATE DESCRIPTION

Licensor:

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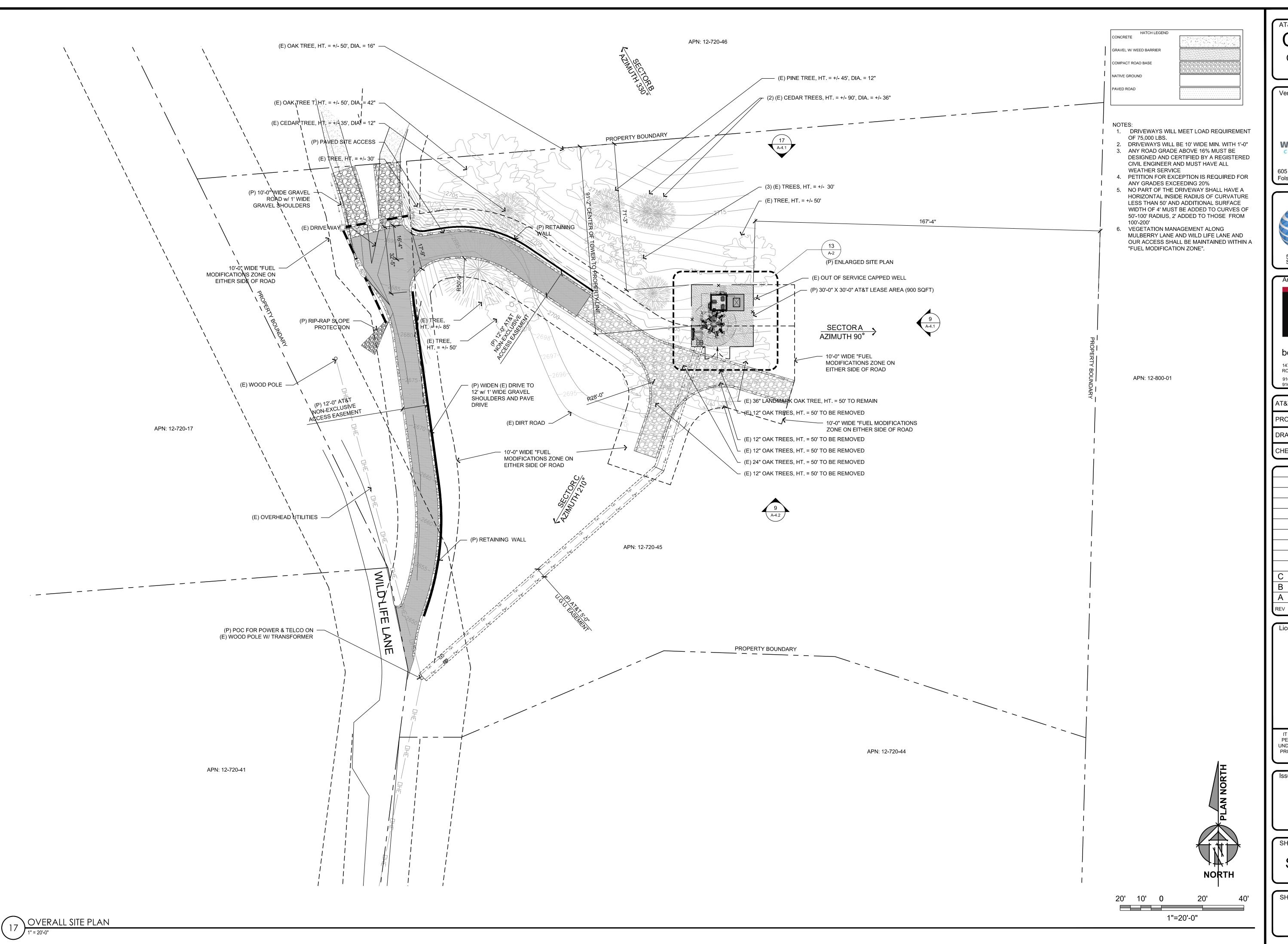
11/19/18

100% ZD Rev 1

OVERALL FIRE ACCESS PLAN

SHEET NUMBER:

A-1



AT&T Site ID: **COLEMAN - WILD** LIFE LANE

Vendor:



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CVL02122 AT&T SITE NO: PROJECT NO: T-18509-02 J.E.S. DRAWN BY: M.T.D. CHECKED BY:

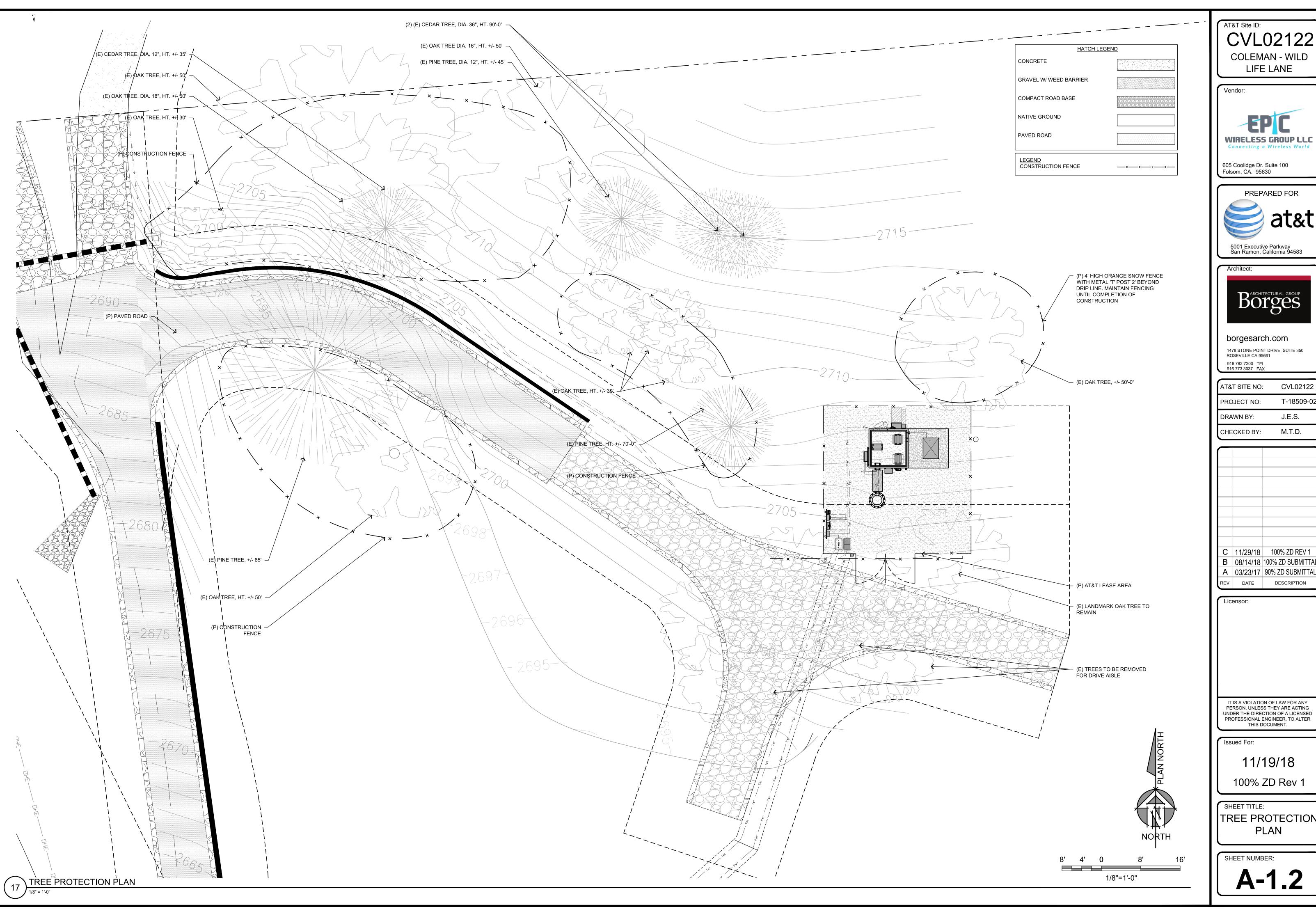
C 11/29/18 100% ZD REV 1 B 08/14/18 100% ZD SUBMITT/ A 03/23/17 90% ZD SUBMITTA DATE

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SHEET TITLE: SITE PLAN



CVL02122 COLEMAN - WILD







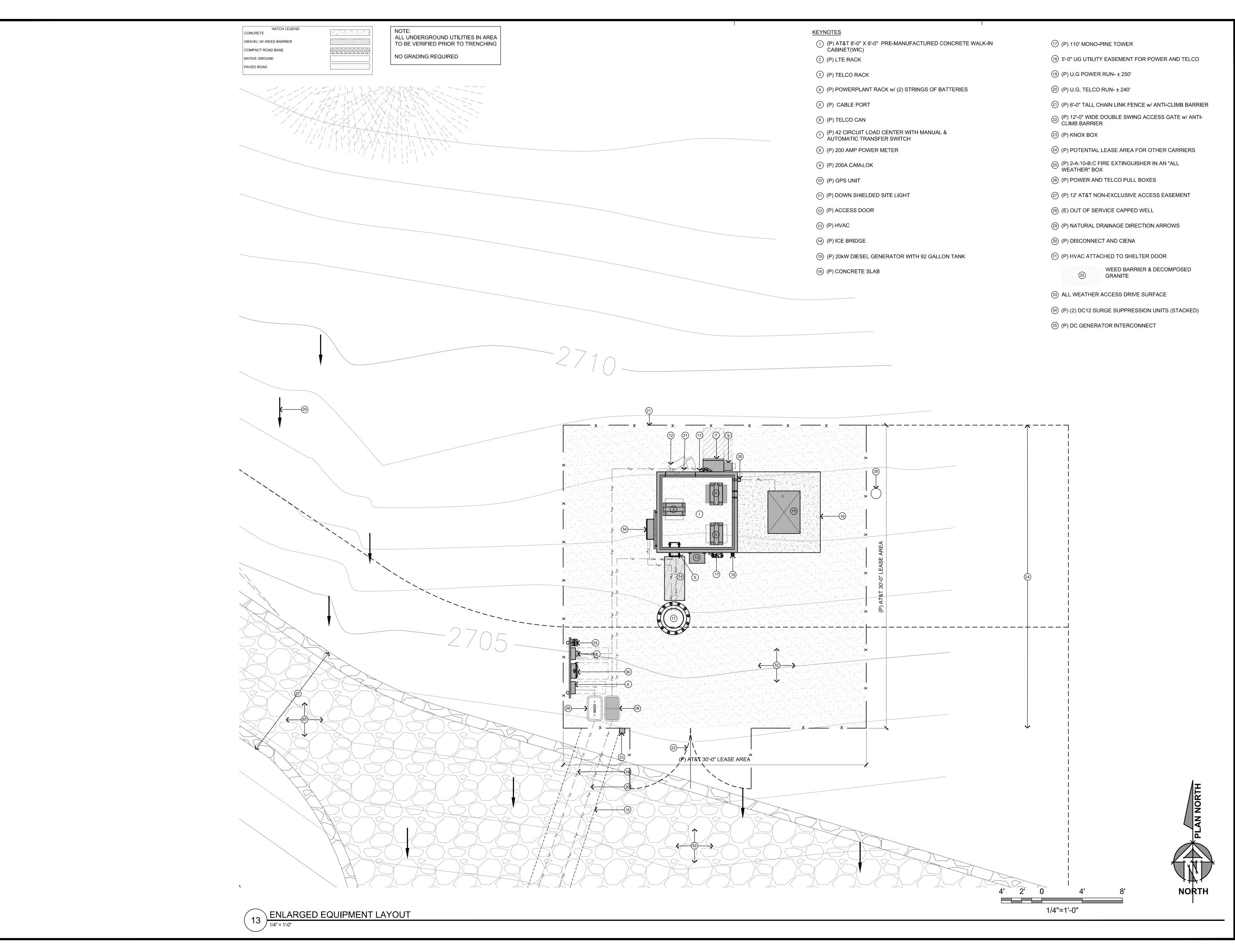
1478 STONE POINT DRIVE, SUITE 350 ROSEVILLE CA 95661

CVL02122 T-18509-02 J.E.S. M.T.D.

C 11/29/18 100% ZD REV 1 B 08/14/18 100% ZD SUBMITTA A 03/23/17 90% ZD SUBMITTA

100% ZD Rev 1

TREE PROTECTION



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LIFE LANE

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CHECKED BY:

AT&T SITE NO: CVL02122
PROJECT NO: T-18509-02
DRAWN BY: J.E.S.

M.T.D.

С	11/29/18	100% ZD REV 1
В	08/14/18	100% ZD SUBMITTA
Α	03/23/17	90% ZD SUBMITTAL

REV DATE DESCRIPTION

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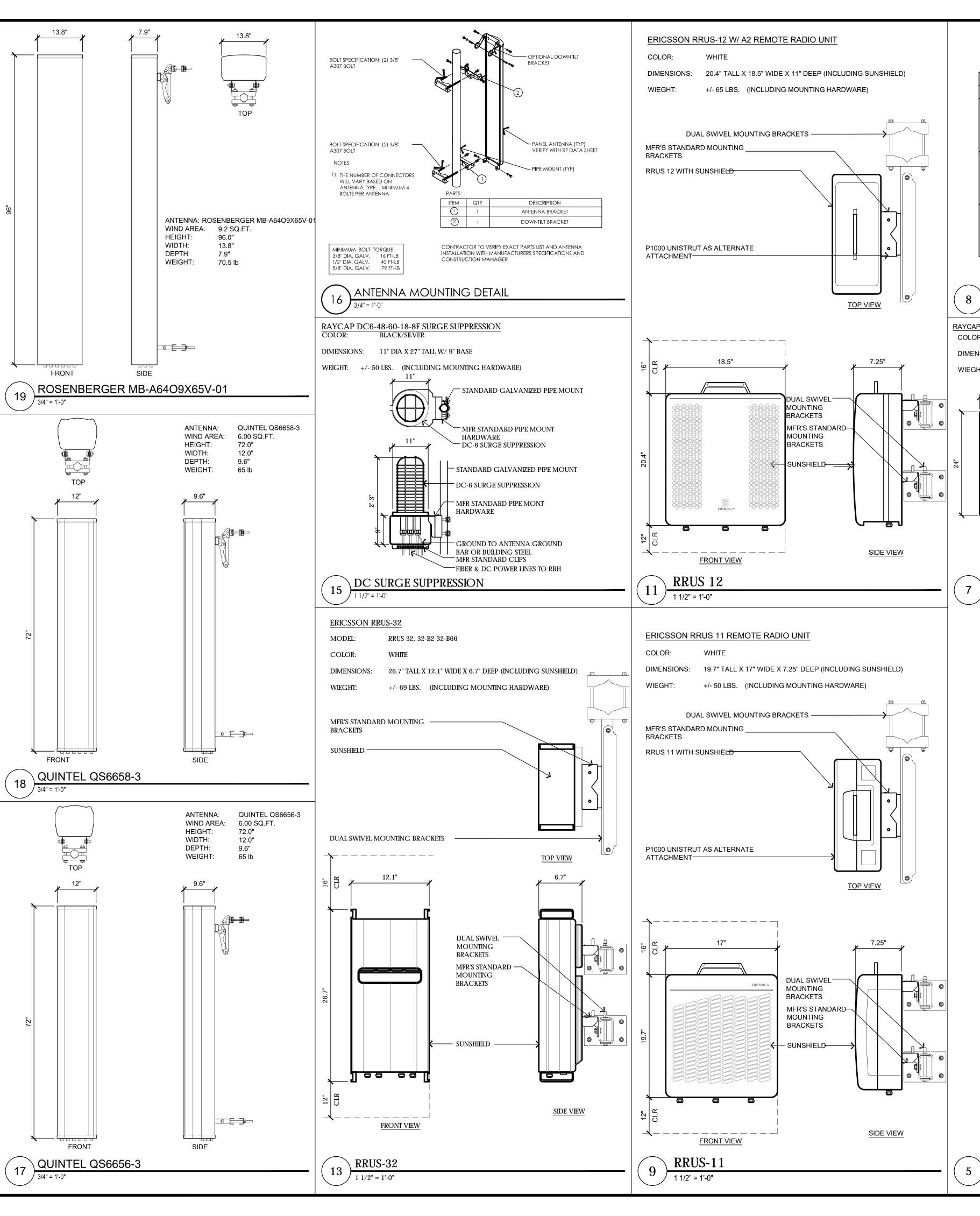
11/19/18

100% ZD Rev 1

SHEET TITLE:
ENLARGED
EQUIPMENT &
DRAINAGE PLAN

SHEET NUMBER

A-2



					RF SCHEDULE					
SECTOR ANTENNA MODEL NO.		ANTENNA MODEL NO.	AZIMUTH	RAD CENTER	RRH	TMA	FIBER LENGTH	COAX LENGTH	COAX DIA.	NO.
A A1		QUINTEL QS6656-3	90°	± 100'-0"	(2) RRH	NA	± 146'-0"	±10'-0"	1/2"	2
P	A2	ROSENBERGER MB-A64O9X65V-01	90°	± 100'-0"	(1) RRH	NA	± 146'-0"	±10'-0"	1/2"	2
H A	A3	QUINTEL QS6658-3	90°	± 100'-0"	(3) RRH	NA	± 146'-0''	±10'-0"	1/2"	2
	B1	QUINTEL QS6656-3	330°	± 100'-0"	(2) RRH	NA	± 146'-0''	±10'-0"	1/2"	2
B E	B2	ROSENBERGER MB-A64O9X65V-01	330°	± 100'-0"	(1) RRH	NA	± 146'-0"	±10'-0"	1/2"	2
T A	В3	QUINTEL QS6658-3	330°	± 100'-0''	(3) RRH	NA	± 146'-0''	±10'-0"	1/2"	2
G	C1	QUINTEL QS6656-3	210°	± 100'-0"	(2) RRH	NA	± 146'-0''	±10'-0"	1/2"	2
A M	C2	ROSENBERGER MB-A64O9X65V-01	210°	± 100'-0"	(1) RRH	NA	± 146'-0"	±10'-0"	1/2"	2
M A	C3	QUINTEL QS6658-3	210°	± 100'-0"	(3) RRH	NA	± 146'-0"	±10'-0"	1/2"	2
_										

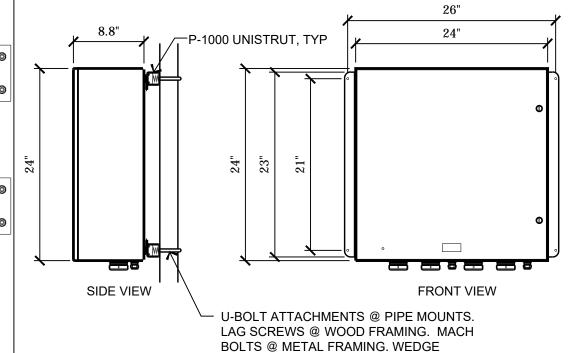


RAYCAP DC12-48-60-0-25E FIBER DC POWER CONNECTION

COLOR: LIGHT TAN

DIMENSIONS: 24" WIDE X 24" TALL X 8.8" DEEP

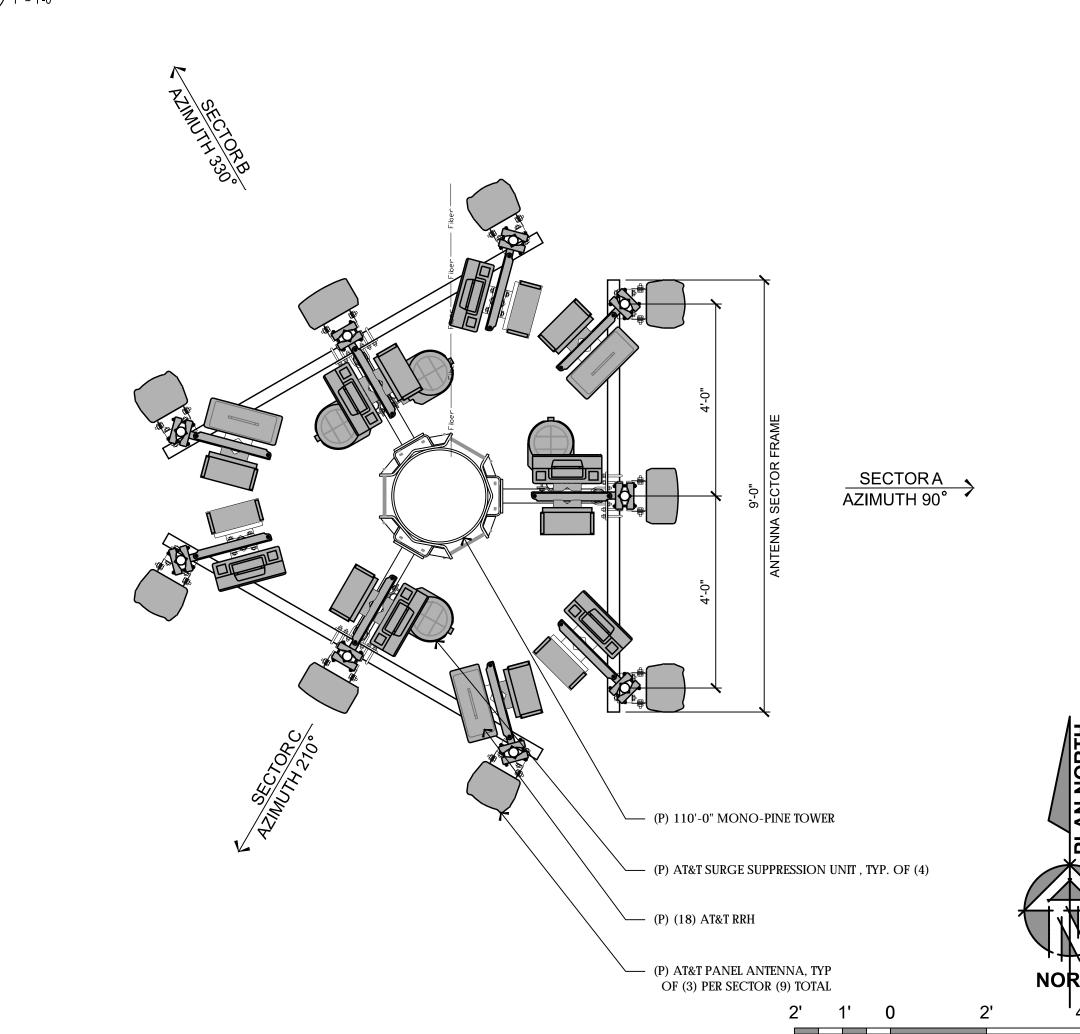
WIEGHT: +/- 35 LBS. (INCLUDING MOUNTING HARDWARE)



ANCHORS @ CONC.

OC 12 SURGE SUPPRESSION

ENLARGED ANTENNA PLAN



CVL02122

COLEMAN - WILD

LIFE LANE

Vendor:

WIRELESS GROUP LLO

Connecting a Wireless World

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5001 Executive Parkway San Ramon, California 94583 Architect:



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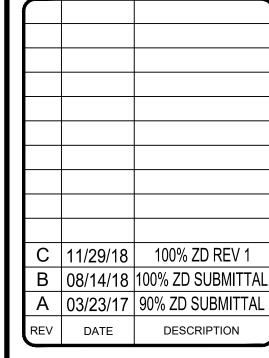
AT&T SITE NO: CVL02122

PROJECT NO: T-18509-02

PROJECT NO: T-18509-02

DRAWN BY: J.E.S.

CHECKED BY: M.T.D.



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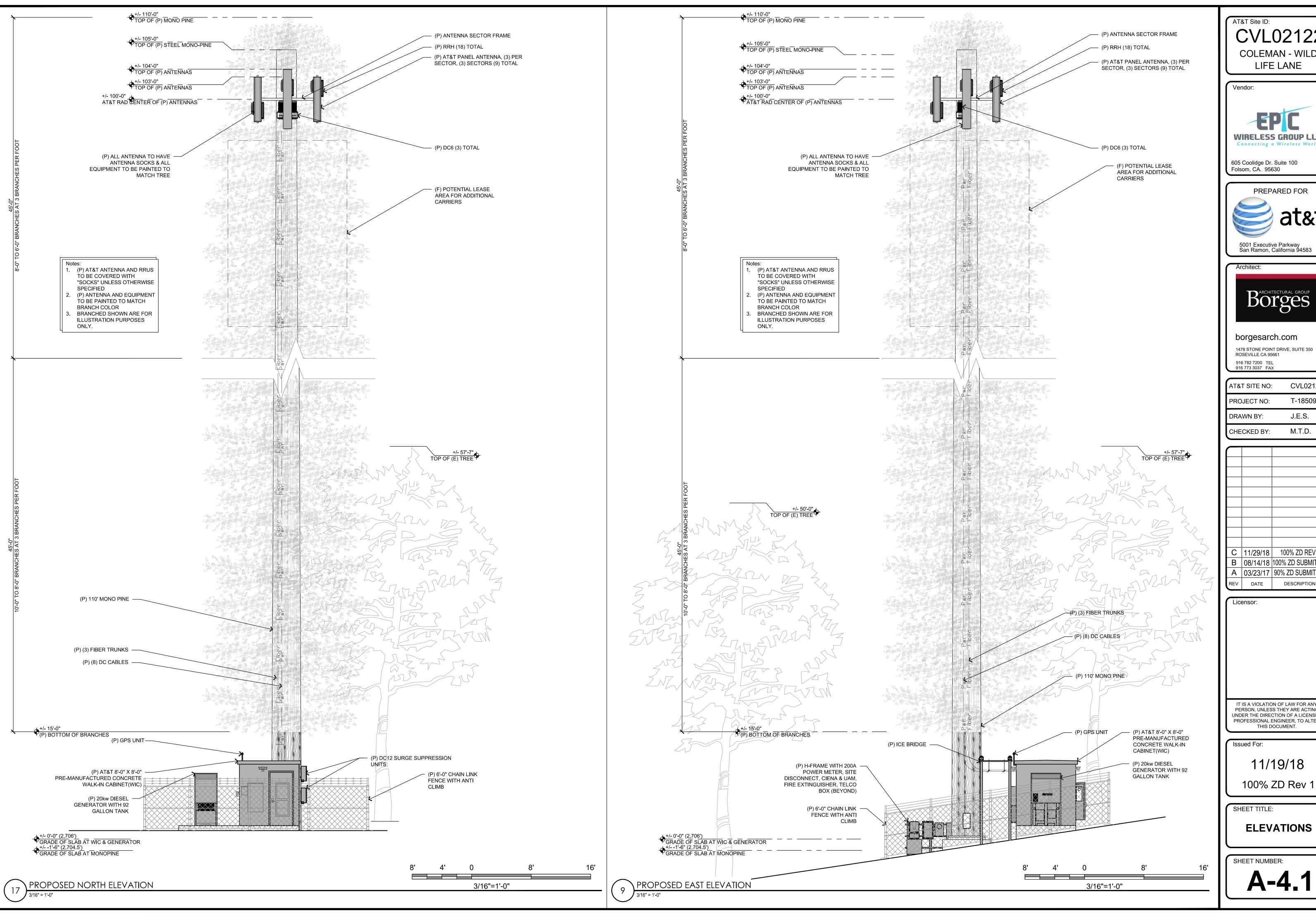
100% ZD Rev 1

ENLARGED ANTENNA
PLANS & DETAILS

SHEET NUMBER:

1/2"=1'-0"

A-3



CVL02122 **COLEMAN - WILD**







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1478 STONE POINT DRIVE, SUITE 350

CVL02122 T-18509-02 J.E.S.

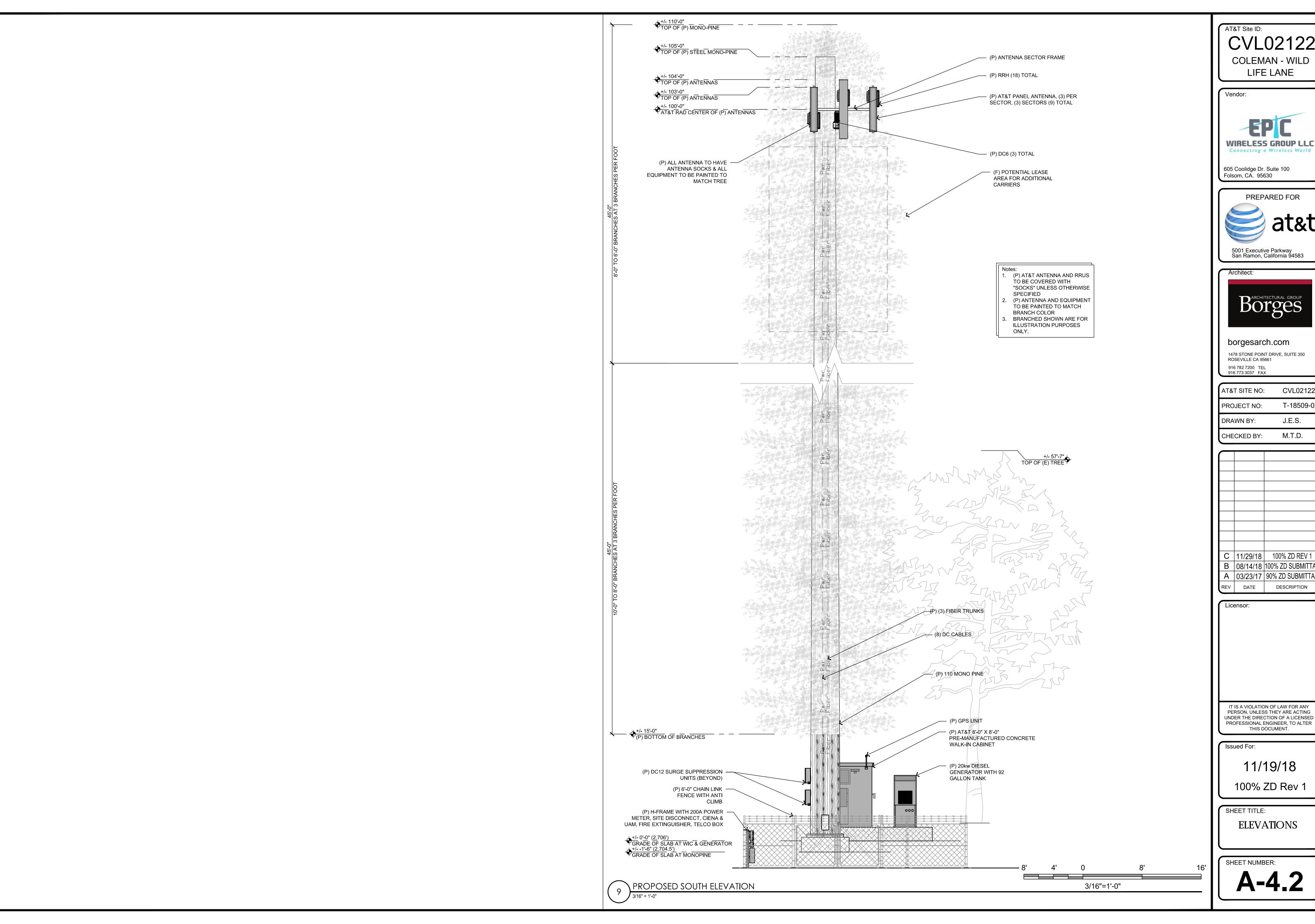
M.T.D.

C 11/29/18 100% ZD REV 1 B | 08/14/18 | 100% ZD SUBMITT A 03/23/17 90% ZD SUBMITTA DESCRIPTION

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ELEVATIONS



AT&T Site ID: CVL02122 **COLEMAN - WILD** LIFE LANE



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ı	AT&T SITE NO:	CVL02122
ı	PROJECT NO:	T-18509-02
	DRAWN BY:	J.E.S.
	CHECKED BY:	M.T.D.

C 11/29/18 100% ZD REV 1 B 08/14/18 100% ZD SUBMITTA

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Issued For:

11/19/18

100% ZD Rev 1

ELEVATIONS

Serviceable Items Accessible Though Single Lift-Off

High Performance Sound-Absorbing Material

Single Door Latch Lockable with Key & Padlock

RhinoCoat[™] - Textured Polyester Powder Coat

Cooling System

Cooling System Type

Water Pump Type

Fan Speed (rpm)

Fuel System

Injector Type

Engine Type

System Voltage

Battery Size

Battery Group

Battery Voltage

Ground Polarity

Coupling

Load Capacity - Standby

Voltage Regulator Type

Number of Sensed Phases

Regulation Accuracy (Steady State)

Prototype Short Circuit Test

Fuel Specifications

Fuel Filtering (microns)

Fuel Inject Pump Make

Fuel Supply Line - mm (in.)

Engine Electrical System

Battery Charger Alternator

Fan Diameter - mm (in)

Coolant Heater Wattage

Coolant Heater Standard Voltage

Forced Circulation

Ultra Low Sulfur Diesel #2

Centrifugal Pump

Pusher

431.8 (17)

2100

1000

ASTM

Bosch

Diesel

6.6 (0.26)

12 VDC

12V-50A

650 CCA

12 VDC

Negative

Dual Sealed

Belt, Pulley

100%

Engine Driven Gear

Vendor:

AT&T Site ID:

605 Coolidge Dr. Suite 100 Folsom, CA. 95630





borgesarch.com 1478 STONE POINT DRIVE, SUITE 350 ROSEVILLE CA 95661 916 782 7200 TEL

916 773 3037 FAX CVL02122 AT&T SITE NO: PROJECT NO: T-18509-02 DRAWN BY: J.E.S. M.T.D. CHECKED BY:

C | 11/29/18 | 100% ZD REV 1 B | 08/14/18 | 100% ZD SUBMITT A 03/23/17 90% ZD SUBMITTA

Licensor:

DATE

DESCRIPTION

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THIS DOCUMENT.

Issued For:

11/19/18

100% ZD Rev

SHEET TITLE:

EMERGENCY BACKUP GENERATOR SPECS

SHEET NUMBER:

EPA Certified Stationary Emergency

Standby Power Rating

20 kW AC, 60 Hz



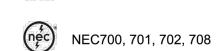




Codes and Standards Generac products are designed to the following standards:

UL2200, UL508, UL142, UL489

NFPA 37, 70, 99, 110



ISO 3046, 7637, 8528, 9001

NEMA ICS10, MG1, 250, ICS6, AB1

ANSI C62.41

Powering Ahead

For over 50 years, Generac has provided innovative design and superior manufacturing.

Image used for illustration purposes only

Generac ensures superior quality by designing and manufacturing most of its generator components, including alternators, enclosures and base tanks, control systems and communications software.

Generac gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application.

Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial applications under adverse conditions.

Generac is committed to ensuring our customers' service support continues after their generator purchase.

ENGINE SYSTEM ALTERNATOR SYSTEM Oil Drain Extension Class H Insulation Material Vented Rotor

 Air Cleaner with Service Indicator Fan Guard Stainless Steel Flexible Exhaust Connection Exhaust Silencer with Drain

EPA Certified Stationary Emergency

STANDARD FEATURES

Cooling System

120V AC Coolant Heater

UV/Ozone Resistant Hoses

Factory-Installed Radiator

Radiator Drain Extension

Battery Charging Alternator

AGM Spill Proof Battery

Output Circuit Breaker

CONTROL SYSTEM

RS-232/485

All-Phase Sensing DVR

2-Wire Start Compatible

kW Hours, Total & Last Run

Real/Reactive/Apparent Power

Power Output (kW)

All Phase AC Voltage

All Phase Currents

Coolant Temperature

Oil Pressure

Coolant Level

Power Factor

Full System Status

Utility Monitoring

Programmable Crank Limiter

7-Day Programmable Exerciser

Electrical System

Battery Cables

Closed Coolant Recovery System

50/50 Ethylene Glycol Antifreeze

Solenoid Activated Starter Motor

Sealed/Rubber-Booted Engine Electrical Connec-

Digital H Control Panel - Dual 4x20 Display

Special Applications Programmable PLC

 Skewed Stator Factory Filled Oil & Coolant Fuel System

 Auxiliary Voltage Regulator Power Winding Amortisseur Winding Brushless Excitation Sealed Bearings Primary Fuel Filter

2/3 Pitch

 Automated Manufacturing (Winding, Insertion, Lacing and Varnishing) Rotor Dynamically Spin Balanced Full Load Capacity Alternator

5 Year Extended Warranty

Extended Factory Testing

Battery Voltage

Frequency

12 Gallon System Spill Containment

Date/Time Fault History (Event Log)

Isochronous Governor Control

Waterproof/Sealed Connectors

Audible Alarms and Shutdowns

E-Stop (Red Mushroom-Type)

Predictive Maintenance Algorithm

0.2 msec High Speed Data Logging

NFPA110 Level I and II (Programmable)

Customizable Alarms, Warnings, and Events

Password Parameter Adjustment Protection

Alarm Information Automatically Comes Up On the

Not in Auto (Flashing Light)

Auto/Off/Manual Switch

Modbus protocol

Sealed Boards

Single Point Ground

15 Channel Data Logging

 Protective Thermal Switch GENERATOR SET

 Listed to UL 142 Double Wall Construction Thermal Valve (Fusible Link) Single-Side Service Factory Pressure Tested (5 psi) Internal Genset Puck Style Vibration Isolators Rupture Basin Alarm Separation of Circuits- High/Low Voltage Fuel Level Gauge and Sender Silencer Heat Shield Check Valve in Supply Line High Heat Wrapped Exhaust Piping Fire-Rated Supply Hose Silencer Enclosed Within Generator

 RhinoCoat[™] - Textured Polyester Powder Coat Stainless Steel Hardware Integrated Fork Pockets 2.5 Gallon Fuel Fill Spill Containment

ENCLOSURE

Gasketed Door

Stamped Air-Intake Louvers

150 MPH Wind Rating

36" Snow Rating

FUEL TANK

4 Point Lift System

Alarms

 Generator Run- Dry Contact Major Alarm- Dry Contact Minor Alarm- Dry Contact Low Fuel Alarm- Dry Contact Rupture Basin Alarm- Dry Contact Alarms & Warnings Time and Date Stamped

 Alarms & Warnings for Transient and Steady State Snap Shots of Key Operation Parameters During Alarms and Warnings Spelled Out (No Alarm Codes)

 Engine Speed OPTIONAL SHIPPED LOOSE AND FIELD INSTALLED KITS

CONTROL SYSTEM 21 Light Annunciator

External E-Stop

GENERAC INDUSTRIAL

ELECTRICAL SYSTEM 75W Battery Heating Pad with Thermostat

FUEL SYSTEM Fuel Fill Drop Tube O External Tank Vent Extension

Fuel Spill Box Drain Back

RATING DEFINITIONS Standby - Applicable for a varying emergency load for the duration of a utility power outage with no overload capability.

SDC20 | 2.5L | 20 kW - AC

Mitsubishi

2.5 (158)

88 (3.5)

103 (4.1)

Naturally Aspirated

Electronic Isochronous

Trochoid Gear Pump

6.5 (6.9)

Filtering Paper, Full Flow

Mecc Alte ECP 28-2L/4

Revolving

Brushless

Interim Tier 4

INDUSTRIAL DIESEL GENERATOR SET

APPLICATION AND ENGINEERING DATA

EPA Certified Stationary Emergency

ENGINE SPECIFICATIONS

EPA Emissions Compliance

Displacement - L (Cu In)

General

Cylinder #

Bore - mm (in)

Stroke - mm (in)

Compression Ratio

Engine Governing

Lubrication System

Crankcase Capacity - L (qts)

ALTERNATOR SPECIFICATIONS

Oil Pump Type

Oil Filter Type

Standard Model

Insulation Class - Rotor

Insulation Class - Stator

Total Harmonic Distortion

Standard Excitation

Telephone Interference Factor (TIF)

GENERAC INDUSTRIAL

Field Type

Frequency Regulation (Steady State)

Intake Air Method

SDC20 | 2.5L | 20 kW - AC INDUSTRIAL DIESEL GENERATOR SET EPA Certified Stationary Emergency

OPERATING DATA

POWER RATINGS

Single-Phase 120/240 VAC @1.0pf 20 kW Circuit Breaker

FUEL CONSUMPTION RATES*

1.41 (5.30) 1.90 (7.19)

* Fuel supply installation must accommodate fuel consumption rates at 100% load.

COOLING

11.9 (45) Coolant Flow per Minute Coolant System Capacity Heat Rejection to Coolant cfm (m³/min) 2,365 (67) Max. Operating Ambient Temperature (Before Derate) 77 (25) Maximum Radiator Backpressure

COMBUSTION AIR REQUIREMENTS

EXHAUST Exhaust Flow (Rated Output) Max. Backpressure (Post Silencer) Exhaust Temp (Rated Output - Post Silencer)

88 (2.49)

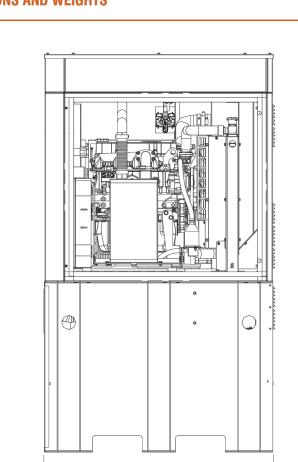
Flow at Rated Power cfm (m³/min)

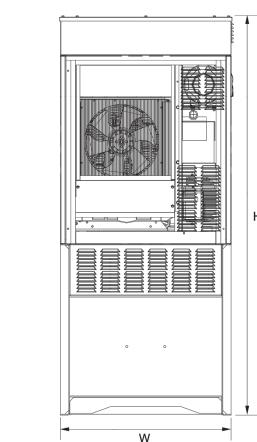
** Refer to "Emissions Data Sheet" for maximum bHP for EPA and SCAQMD permitting purposes.

Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions. Please consult a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528 and DIN6271 standards. SDC20 | 2.5L | 20 kW - AC INDUSTRIAL DIESEL GENERATOR SET

DIMENSIONS AND WEIGHTS*

EPA Certified Stationary Emergency





Level 2 Sound Attenuation Enclosure Run Time Hours 48 Usable Capacity Gal (L) 92 (348.2)

L x W x H in (mm) 40 x 00 x 0. (1219 x 915 x 2299) Weight lbs (kg) 2400 (1089) (wet engine/dry tank) Sound Level 65 dBA

* All measurements are approximate and for estimation purposes only. YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

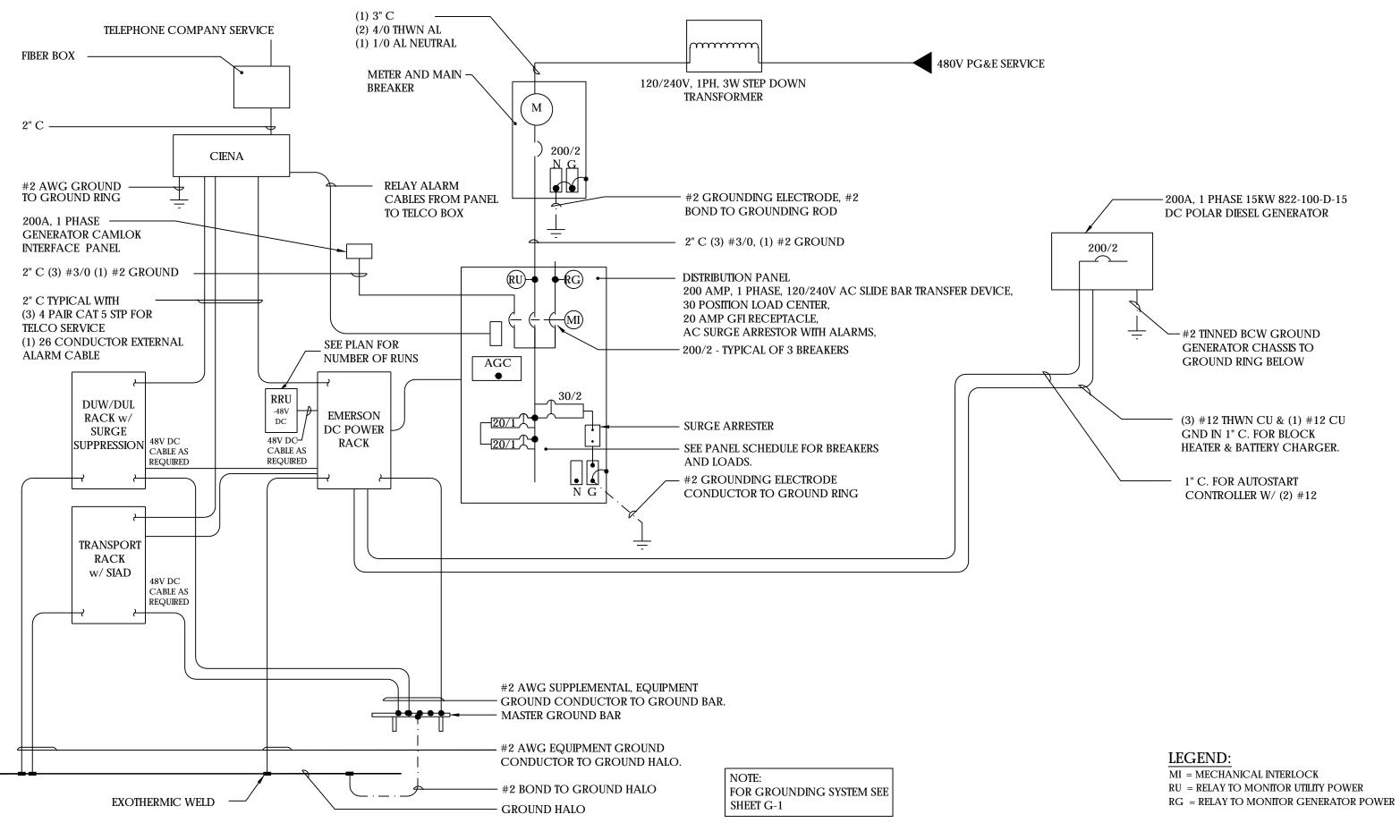
Document No. 10000000844

Rev. J 2/27/17

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Power Systems Industrial Dealer for detailed installation drawings.

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Generac Power Systems, Inc. | P.O.Box 8 | Waukesha, WI 53189



SINGLE LINE DIAGRAM

1. ALL WIRE TO BE #12 THHN/THWN UNLESS NOTED OTHERWISE. COLOR CODE: • AØ = BLACK \bullet BØ = RED • NEUTRAL = WHITE

2. ALL WORK TO CONFORM TO N.E.C. LATEST STATE ADOPTED EDITION.

• GROUND = GREEN

3. LABEL SERVICE DISCONNECT WITH A RED TAG.

4. SWITCH LEG CONDUCTORS SHALL BE THE SAME COLOR AS CIRCUIT CONDUCTORS.

5. PULL WIRES TO END OF FLEXIBLE NONMETALLIC CONDUIT. COIL 3'-0" AT END OF FLEXIBLE NONMETALLIC CONDUIT & TAG.

6. PULL ONE GROUND CONDUCTOR PER FLEXIBLE NONMETALLIC CONDUIT. FOR ALL OTHER CIRCUITS PULL A SEPARATE CONDUCTOR.

7. ALL GFCI RECEPTACLES TO HAVE A DEDICATED GROUND WIRE.

8. EQUIPMENT TERMINATION LUGS AND CONDUCTORS ARE RATED AT A MINIMUM OF 75°C.

KEY:

(PC) = PHOTOCELL (M) = MOTION DETECTOR - = CONDUIT GROUND

= NON-DEDICATED GROUND

(#) = DEDICATED GROUND <#> = ISOLATED GROUND

LOAD		LOAI PHASI			COLOR	LOADS CONTINUOUS	LOADS NON-CONTINUOUS	LOADS SUB-PANEL	WIRE SIZE	ING WIRE	II.		IDING WIRE SIZE	WIRE SIZE	LOADS SUB-PANEL	LOADS NON-CONTINUOUS	LOADS CONTINUOUS	WIRE COLOR	LOAD PER Phase (Va				LOAD	
	Υ.	UNIT	. PHA	ASE	WIRE C	TO/ ELNC	LOADS CONTIN	IS SC	WRE	UND	TRIP	TRIP	GROUNDING SIZE	WIRE	IS SC	107 COJ	ZOT ENC	RE C	PH/	ASE	UNIT	۲.		
DESCRIPTION	QTY.	KVA	A	В	M	× S	NON	LOA		GROUNDING SIZE					LOA	NON	NON		A	В	UNIT E		DESCRIPTION	
1 CHELL 1 O CHELL O DOLL "1	1	1.000	1.000		BLK	Х			8	(10)	30	20	12	12		X		BLK	.72		0.180	1	EXT GFCI OUTLET	2
3 SHELF 1 & SHELF 3 - PCU #1	1	1.000		1.000	RED	Λ			0	(10)	30	30	(10)	8		X		RED		1.000	1.000	1	CHELE 1 0 CHELE 2 DCH	4
SHELF 1 & SHELF 3 - PCU #3	1	1.000	1.000		BLK	X			8	(10)	30	30	(10)				Λ	BLK	1.000		1.000	1	SHELF 1 & SHELF 3 - PCU	6
7 SHELF I & SHELF 3 - PCU #3	1	1.000		1.000	RED	Λ				(10)		30	(10)	8		X		RED		1.000	1.000	1	SHELF 2 & SHELF 4 - PCU	8 8
9 SHELF 2 & SHELF 4 - PCU #1	1	1.000	1.000		BLK	X			8	(10)	30		(10)					BLK	1.000		1.000	1	SHELF 2 & SHELF 4 - FCU	10
11 SHELF 2 & SHELF 4 - 1 CO #1	1	1.000		1.000	RED				0	(10)	30	30	30 (10)	8			X REI	RED		1.000	1.000	1	SHELF 1 & SHELF 3 - PCU	12
13 SPACE					BLK								(10)				^	BLK	1.000		1.000	1	SHELF I & SHELF 3 - FCU	14
15 SPACE					RED													RED					SPACE	16
17 SPACE					BLK													BLK					SPACE	18
19 SPACE					RED												- 1	RED					SPACE	20
21 SPACE					BLK													BLK					SPACE	22
23 SPACE					RED													RED					SPACE	24
25 HVAC #1	1	3.6	3.6		BLK	Χ			8	(10)	20							BLK					SPACE	26
27	1	3.6		0.0	RED							20	12	12		X		RED		.72	0.180	1	EXTERIOR FLOOD LIGH	
29 APPLIANCE OUTLETS	1	1.000	1.000		BLK	X			12	12	20							BLK					SPACE	30
SUBTOTAL CONTINUOUS 7.600				6.600		3.00 3.00 SUBTOTAL CONTINUOUS											UOUS	TOTAL KVA Continuous x 1.25	25.25					
		JBTOTAL CONTINUOUS	-	-															.72	.72	SUBTOT NON-CONTI		TOTAL KVA Non-Continuous	1.44
	SU	JBTOTAL JB-PANEL	_	-															-	-	SUBTOT SUB-PA		TOTAL KVA SUB-PANEL	-
PANEL DESIGNATION: ELECTRICAL PANEL (ITEM 1) MAIN LUGS: N/A MAIN BREAKER: 200 AMP MAIN BREAKER A.LC RATING: 22,000 A.LC BRANCH BREAKER A.LC RATING: 10,000 A.LC									TOTAL KVA	26.69														
VOLTAGE: 120/240 CYCLE: 60 PHASE: 1 WRES: 3 MAIN COPPER BUS: 200 AMP NEUTRAL: 200 AMPS BRANCH BREAKER TYPE: SQUARE D - BOLT ON									TOTAL AMPS	111.20														

ABBREVIATIONS:

AGC AUTOMATIC GENERATOR CONTROLLER BCW BARE COPPER WIRE

BASE TRANSCEIVER STATION CONDUIT

EXISTING EQUIPMENT GROUND FUTURE

FACP FIRE ALARM CONTROL PANEL GEN GENERATOR ISOLATED GROUND

INTERMEDIATE METAL CONDUIT LFMC LIQUID TIGHT FLEXIBLE METAL CONDUIT MCM MILLION CIRCULAR MILLS

MI MECHANICAL INTERLOCK MP&S SEE MECHANICAL PLANS & SPECIFICATIONS

NEMA NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION

NIGHT LIGHT - FIXTURE TO BE UNSWITCHED PROVISION FOR FUTURE BREAKER POLYVINYL CHLORIDE CONDUIT

RELOCATE

RELAY TO MONITOR GENERATOR POWER RELAY TO MONITOR UTILITY POWER TYPICAL

UON UNLESS OTHERWISE NOTED WEATHERPROOF GFCI GROUND FAULT CIRCUIT INTERRUPTER

NOTE: SYMBOLS INDICATED ABOVE MAY NOT NECESSARILY APPEAR AS PART OF THESE DRAWINGS IF NOT REQUIRED.

ABBREVIATIONS

ELECTRICAL INSTALLATION METHODS:

1. This installation shall comply with the currently adopted edition of the National Electrical Code and with utility company and local

2. Install sufficient lengths of LFMC including all conduit fittings (nuts, reducing bushings, elbows, couplings, etc) necessary for connection from IMC or PVC conduit to the interior of the BTS

Power, control and equipment ground wiring in tubing or conduit shall be single conductor (#14 AWG and larger), 600V, oil resistant THHN or THWN-2, Class B stranded copper cable rated for 90°C (wet and dry) operation; listed or labeled for the location and raceway system used.

4. Cut, coil and tape a 3 foot pigtail from end of LFMC for terminating by BTS equipment manufacturer.

5. Supplemental equipment ground wiring located indoors shall be single conductor (#6 AWG and larger), 600V, oil resistant THHN or THWN-2 green insulation, Class B stranded copper cable rated for 90°C (wet and dry) operation, listed or labeled for the location and raceway system used.

6. Supplemental equipment ground wiring located outdoors or below grade shall be single conductor #2 AWG solid, tinned, copper cable.

7. Power and control wiring, not in tubing or conduit, shall be multi-conductor, Type TC. Cable (#14 AWG and larger), 600V, oil resistant THHN or THWN-2, Class B, Stranded copper cable rated for 90°C (Wet or Dry) operation, with outer jacket listed or labeled for the location used.

Cables shall not be routed through ladder-style cable tray rungs. 9. Raceway and cable tray shall be listed or labeled for electrical use

in accordance with NEMA, UL, ANSI/IEEE and NEC. 10. New raceway or cable tray shall match the existing installation where possible.

11. All power and grounding connections shall be crimp style, compression, wire lugs and wirenuts by Thomas and Betts (or equal). Lugs and wirenuts shall be rated for operation at no less

12. Each end of every power, grounding and T1 conductor and cable shall be labeled with color coded insulation or electrical tape. identification method shall conform with NEC & OSHA and match

existing installation requirements. 13. All electrical components shall be clearly labeled with engraved laminated plastic labels. All equipment shall be labeled with their voltage rating, phase configuration, wire configuration, power or ampacity rating and branch circuit ID numbers (panelboard and

circuit identification). 14. All tie wraps shall be cut flush with approved cutting tool to remove sharp edges.

15. Rigid nonmetallic conduit (PVC Schedule 40 or PVC Schedule 80) shall be used underground, direct buried in areas of occasional light vehicle traffic or encased in reinforced concrete in areas of heavy vehicle traffic.

16. All conduit run above ground or exposed shall be LFMC, IMC or

Rigid Steel. 17. Electrical metallic tubing (EMT) shall be used for concealed indoor

18. Liquid tight flexible metallic conduit shall be used indoors and

outdoors where vibration occurs or flexibility is needed. 19. Conduit and tubing fittings shall be threaded or compression type and approved for the location used. Setscrew fittings are not

20. Cabinets, boxes and wireways shall be listed or labeled for electrical use in accordance with NEMA, UL, ANSI/IEEE and NEC.

21. Cabinets, boxes and wireways shall match the existing installation where possible. 22. Provide necessary tagging on the breakers, cables and distribution panels in accordance with applicable codes and standards to

safeguard life and property. 23. The subcontractor shall review and inspect the existing facility grounding system and lightning protection system (as designed and installed) for strict compliance with the NEC. The site specific lightning protection code and general compliance with Telcordia and TIA grounding standards. The subcontractor shall report any

violations or adverse findings to the contractor for resolution. 24. All electrode systems (including telecommunication, radio, lightning protection and AC power GES's) shall be bonded together at or below grade by two or more copper bonding conductors in accordance with the NEC.

25. Perform IEEE fall-of-potential resistance to earth testing (per IEEE 1100 and 81) for new ground electrode systems. The subcontractor shall furnish and install supplemental ground electrodes as needed to achieve a test result of 5 ohms or less.

26. Metal raceway shall not be used as the NEC required equipment ground conductor. Stranded copper conductors with green insulation sized in accordance with the NEC shall be furnished and installed with the power circuits to BTS equipment.

27. Each indoor BTS cabinet frame shall be directly connected to the master ground bar with supplemental equipment ground wires #6

28. Exothermic welds shall be used for all grounding connections below grade.

29. Approved antioxidant coatings (i.e. conductive gel or paste) shall be used on all compression and bolted ground connections. 30. ICE bridge bonding conductors shall be exothermically bonded or

bolted to the bridge and the tower ground bar. 31. Surfaces to be connected to ground conductors shall be cleaned

to a bright surface at all connections. 32. Exposed ground connections shall be made with compression connectors which are then bolted to equipment using stainless steel hardware. Installation torque shall be per manufacturer's

requirements. 33. DC power cables shall be Cobra COP-FLEX 2000, Flexible Class B or approved equal.

\ ELECTRICAL NOTES

AT&T Site ID: **COLEMAN - WILD**

Vendor:



LIFE LANE

605 Coolidge Dr. Suite 100 Folsom, CA. 95630



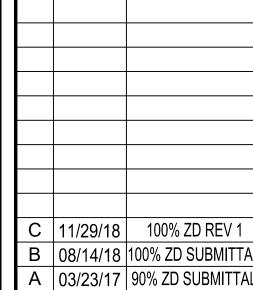
5001 Executive Parkway San Ramon, California 94583



borgesarch.com

1478 STONE POINT DRIVE, SUITE 350 ROSEVILLE CA 95661 916 782 7200 TEL 916 773 3037 FAX

CVL02122 AT&T SITE NO: T-18509-02 PROJECT NO: **DRAWN BY:** J.E.S. M.T.D. CHECKED BY:



DESCRIPTION

Licensor:

DATE

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

Issued For:

11/19/18

100% ZD Rev 1

SHEET TITLE: POWER SINGLE LINE DIAGRAM &

PANEL SCHEDULE

SHEET NUMBER:

SHELTER A/C PANEL SCHEDULE