

verizon[✓]

PROJECT ID: RTE 20 217

SITE ADDRESS:

COUNTY:
APN:
JURISDICTION
ZONING:
PROJECT:
MDG LOCATION ID:
FUZE ID:

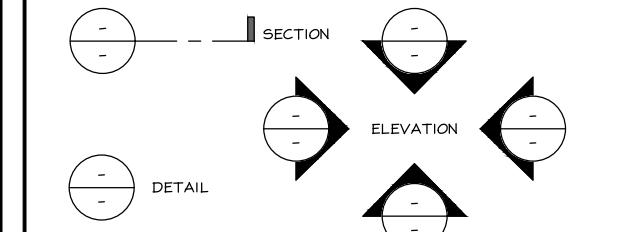
16200 E HWY 20
CLEARLAKE OAKS, CA 95423
LAKE
010-020-290-000
COUNTY OF LAKE
RL
INITIAL BUILD
5000907083
16919221

PROJECT DESCRIPTION	
PROPOSED UNMANNED TELECOMMUNICATIONS FACILITY ON PROPOSED LATTICE TOWER. TO CONSIST OF THE FOLLOWING:	
SCOPE OF WORK <ul style="list-style-type: none"> • NEW 30'X30' (900 SQ. FT.) EQUIPMENT LEASE AREA WITHIN NEW CHAIN-LINK ENCLOSURE • NEW 150H. LATTICE TOWER • INSTALL (1) PG&E CONC. PAD MOUNTED TRANSFORMER • NEW (1) 400A METER BANK W/ 200A METER FOR VZW • INSTALL NEW CONCRETE PLATFORM • INSTALL (3) NEW EQUIPMENT CABINETS • INSTALL (1) TELCO CABINET • INSTALL (1) ILC PANEL • INSTALL (1) NEW GPS ANTENNA • INSTALL (5) NEW SERVICE LIGHTS • INSTALL (1) NEW 30KW DIESEL GENERATOR W/ 147 GALLON SUB-BASE FUEL TANK FOR EMERGENCY USE. • INSTALL (3) C-BAND PANEL ANTENNAS • INSTALL (6) LTE PANEL ANTENNAS • INSTALL (9) LTE RRUS • INSTALL (3) NEW 4' MW ANTENNAS W/ (2) ODU'S EA. • INSTALL (2) SURGE SUPPRESSORS (1 @ EQUIPMENT LOCATION & 1 @ ANTENNA LOCATION) 	

SITE INFORMATION	
<p>LATITUDE (NAD83): 39° 0' 41.74" N (39.011594) LONGITUDE (NAD83): 122° 36' 23.95" W (-122.606653)</p> <p>ZONING: RL JURISDICTION: COUNTY OF LAKE PARCEL NUMBER: 010-020-290-000 CONSTRUCTION TYPE: V-B OCCUPANCY: U POWER: PG&E</p>	

SYMBOLS/ABBREVIATIONS LEGEND

ADD'L	ADDITIONAL	L.	LONG(ITALIC)TUDINAL,
A.F.G.	ABOVE FINISHED GRADE	MAX.	MAXIMUM
ANT.	ANTENNA	MFR.	MANUFACTURER
ARCH.	ARCHITECTURAL	MIN.	MINIMUM
ASS'Y	ASSEMBLY	(N)	NEW
AWG.	AMERICAN WIRE GAUGE	NTS	NOT TO SCALE
BLDG.	BUILDING	O.C.	ON CENTER
BTWN.	BARE TINNED COPPER WIRE	P.T.	PRESSURE TREATED
CLR.	CLEAR	RAD.(R)	RADIUS
CONC.	CONCRETE	REQ'D	REQUIRED
CONN.	CONNECTION(OR)	RGS.	RIGID GALVANIZED STEEL
CONST.	CONSTRUCTION	SCH.	SCHEDULE
CONT.	CONTINUOUS	SIM.	SIMILAR
DBL.	DOUBLE	SQ.	SQUARE
D.F.	DOUGLAS FIR	S.S.	STAINLESS STEEL
DIA.	DIAMETER	STD.	STANDARD
DIM.	DIMENSION	TEMP.	TEMPORARY
EA.	EACH	THK.	THICKNESS
ELEV.	ELEVATION	TYP.	TYPICAL
EMT.	ELECTRICAL METALLIC TUBING	U.G.	UNDER GROUND
(E)	EXISTING	U.L.	UNDERWRITERS LABORATORY
F.G.	FINISH GRADE	U.N.O.	UNLESS NOTED OTHERWISE
FT.(')	FOOT (FEET)	V.I.F.	VERIFY IN FIELD
GA.	GAUGE	W.	WIDE (WIDTH)
HT.	HEIGHT	w/	WITH
IN.(")	INCH(ES)	WD.	WOOD
LB. (#)	POUND(S)	W.P.	WEATHERPROOF
L.F.	LINEAR FEET (FOOT)		



CONCRETE (SURFACE)	X	CHAIN LINK FENCE
CONCRETE (CUT)	□	WOOD FENCE
EARTH	○	WROUGHT IRON FENCE
GRAVEL	○	OVERHEAD WIRES
PLYWOOD	E	POWER CONDUIT
STEEL	...	GROUND CONDUCTOR
EXISTING GRASS	---	PROPERTY LINE
±0"	---	CENTERLINE

ELEVATION DATUM

ADMINISTRATIVE REQUIREMENTS

CONTRACTOR SHALL VERIFY ALL PLANS & (E) DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME IF USING 11"X17" PLOT, DRAWINGS WILL BE HALF SCALE.

DO NOT SCALE DRAWINGS

SUBCONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & FIELD CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.



verizon[✓]

2770 SHADELANDS DRIVE,
BUILDING 11
WALNUT CREEK, CA 94598

SEQUOIA
DEPLOYMENT SERVICES, INC.
1 SPECTRUM POINTE DRIVE, SUITE 130
LAKE FOREST, CA 92630-2283

ALL STATES
ENGINEERING & SURVEYING
23675 BIRCHER DRIVE
LAKE FOREST, CA 92630

PROJECT ID: RTE 20 217

DRAWN BY: RN

CHECKED BY: SS

7	05/05/2025	PER ADD'L REDLINES	55
6	04/04/2025	PER REDLINES	LS/55
5	03/31/2025	UPDATE PER SURVEY	LS
4	01/22/2024	UPDATE PER SURVEY	LS
3	10/24/2023	UPDATE PER PG&E S.O.W.	LS
2	04/28/2023	UPDATE PER SURVEY	SS
1	04/19/2023	PER RFDS	LS
0	03/06/2023	100% ZD'S FOR SUBMITTAL	SS
C	01/31/2023	95% ZD'S FOR APPROVAL	LS
B	01/04/2023	95% ZD'S FOR APPROVAL	RN
A	12/20/2022	90% ZD'S FOR REVIEW	RN
REV	DATE	DESCRIPTION	

NOT TO BE USED
FOR CONSTRUCTION

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.

RTE 20 217
LATTICE TOWER:
16200 E HWY 20
CLEARLAKE OAKS, CA 95423

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1

verizon

2770 SHADELANDS DRIVE,
BUILDING 11
WALNUT CREEK, CA 94598



PROJECT ID: RTE 20 217
DRAWN BY: RN
CHECKED BY: SS

REV	DATE	DESCRIPTION
7	05/05/2025	PER ADD'L REDLINES SS
6	04/04/2025	PER REDLINES LS/SS
5	03/31/2025	UPDATE PER SURVEY LS
4	01/22/2024	UPDATE PER SURVEY LS
3	10/24/2023	UPDATE PER PG&E S.O.W. LS
2	04/28/2023	UPDATE PER SURVEY SS
1	04/19/2023	PER RFDS LS
O	03/06/2023	100% ZD'S FOR SUBMITTAL SS
C	01/31/2023	95% ZD'S FOR APPROVAL LS
B	01/04/2023	95% ZD'S FOR APPROVAL RN
A	12/20/2022	90% ZD'S FOR REVIEW RN

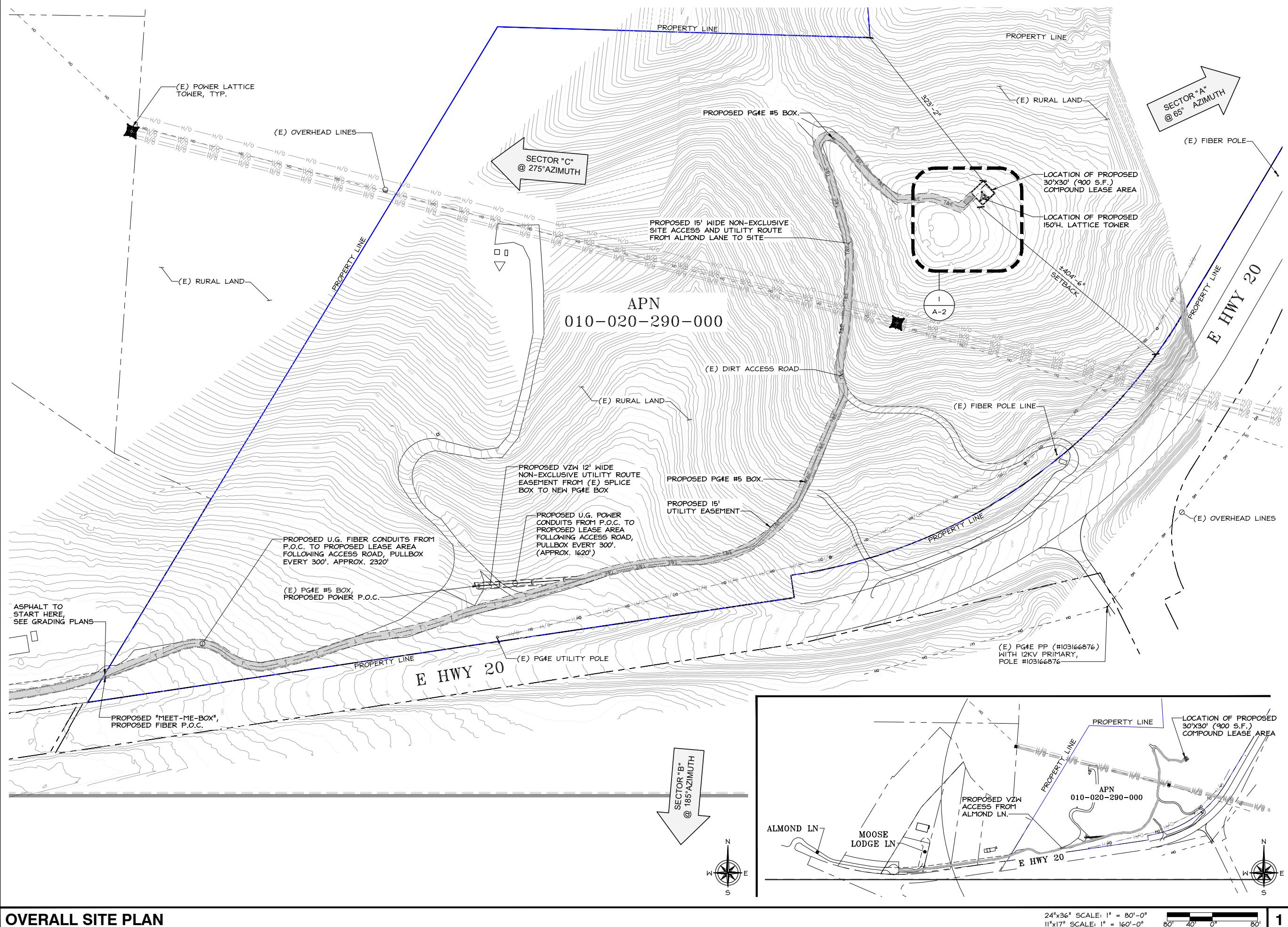
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RTE 20 217
LATTICE TOWER:
16200 E HWY 20
CLEARLAKE OAKS, CA 95423

SHEET TITLE
OVERALL SITE PLAN

SHEET NUMBER
A-1



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



1 SPECTRUM POINTE DRIVE, SUITE 130
LAKE FOREST, CA 92630-2283



23675 BIRCHER DRIVE
LAKE FOREST, CA 92630

PROJECT ID: RTE 20 217

DRAWN BY: RN

CHECKED BY: SS

REV	DATE	DESCRIPTION
7	05/05/2025	PER ADD'L REDLINES SS
6	04/04/2025	PER REDLINES LS/SS
5	03/31/2025	UPDATE PER SURVEY LS
4	01/22/2024	UPDATE PER SURVEY LS
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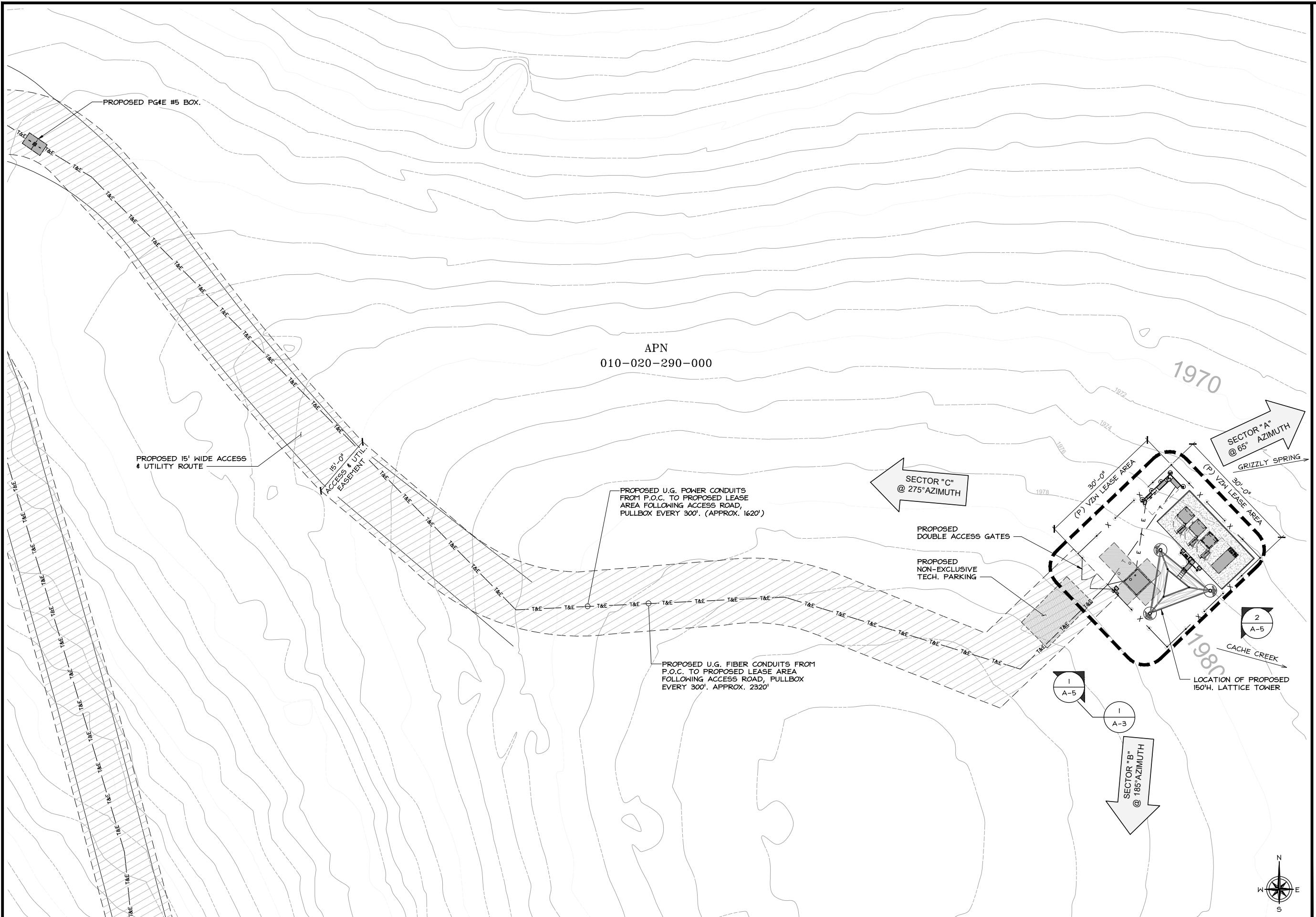
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RTE 20 217
LATTICE TOWER:
16200 E HWY 20
CLEARLAKE OAKS, CA 95423

SHEET TITLE
ENLARGED SITE PLAN

SHEET NUMBER
A-2





2770 SHADELANDS DRIVE,
BUILDING 11
WALNUT CREEK, CA 94598



DEVELOPMENT SERVICES, INC.
1 SPECTRUM POINTE DRIVE, SUITE 130
LAKE FOREST, CA 92630-2283



PROJECT ID:	RTE 20 21
DRAWN BY:	RN
CHECKED BY:	SS

7	05/05/2025	PER ADD'TL REDLINES	SS
6	04/04/2025	PER REDLINES	LS/
5	03/31/2025	UPDATE PER SURVEY	LE
4	01/22/2024	UPDATE PER SURVEY	LE
3	10/24/2023	UPDATE PER PG#4 S.O.W.	LE
2	04/28/2023	UPDATE PER SURVEY	SS
I	04/19/2023	PER RFDS	LS
O	03/06/2023	100% ZD's FOR SUBMITTAL	SS
C	01/31/2023	95% ZD's FOR APPROVAL	LE
B	01/04/2023	95% ZD's FOR APPROVAL	RN
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REV	DATE	DESCRIPTION	

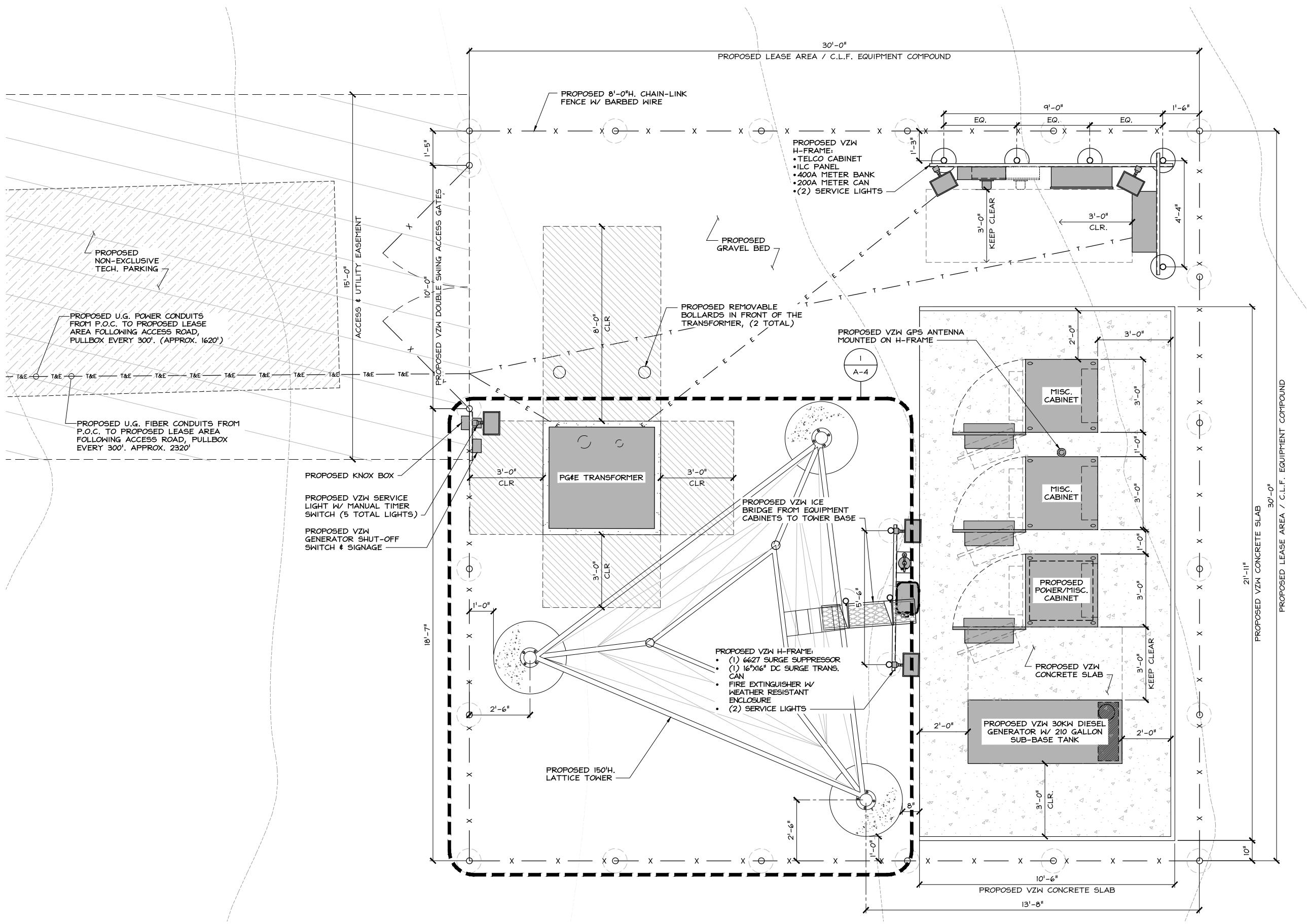
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SHEET TITLE
EQUIPMENT LAYOUT PLAN

SHEET NUMBER

A-3



verizon

2770 SHADELANDS DRIVE,
BUILDING 11
WALNUT CREEK, CA 94598



1 SPECTRUM POINTE DRIVE, SUITE 130
LAKE FOREST, CA 92630-2283



23675 BIRCHER DRIVE
LAKE FOREST, CA 92630

PROJECT ID: RTE 20 217

DRAWN BY: RN

CHECKED BY: SS

REV	DATE	DESCRIPTION
7	05/05/2025	PER ADD'L REDLINES SS
6	04/04/2025	PER REDLINES LS/SS
5	03/31/2025	UPDATE PER SURVEY LS
4	01/22/2024	UPDATE PER SURVEY LS
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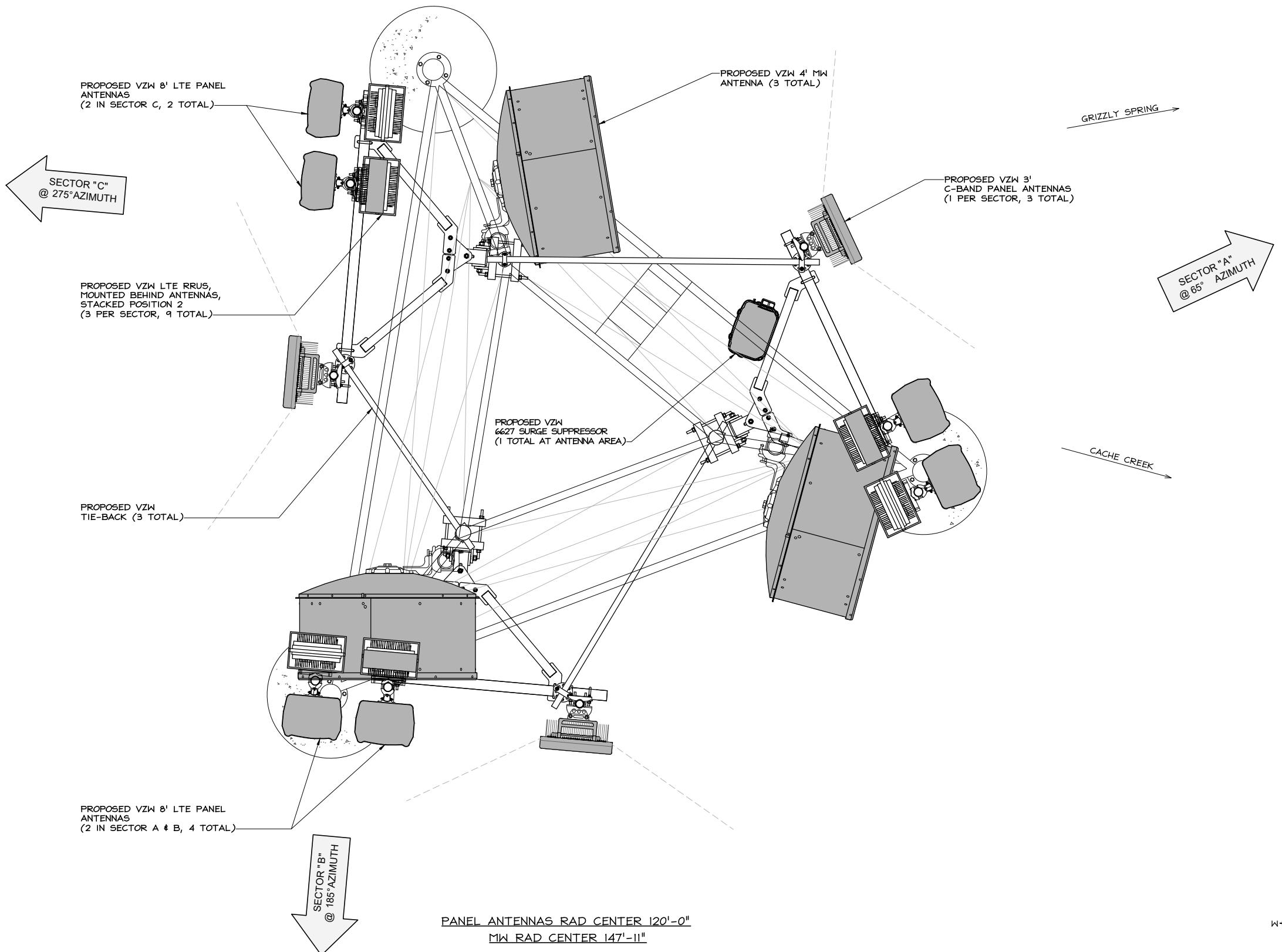
NOT TO BE USED
FOR CONSTRUCTION

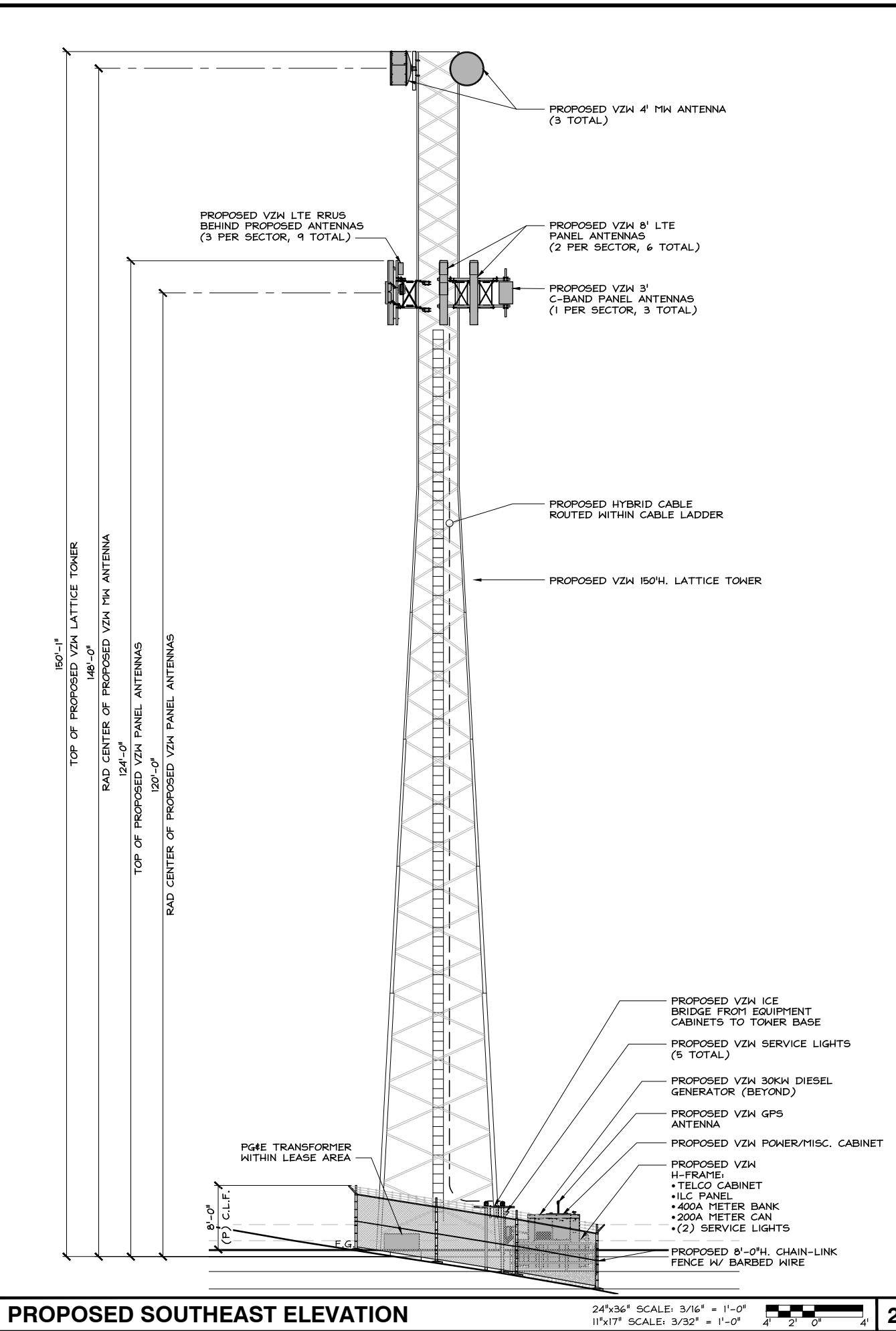
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RTE 20 217
LATTICE TOWER:
16200 E HWY 20
CLEARLAKE OAKS, CA 95423

SHEET TITLE
ANTENNA LAYOUT PLAN

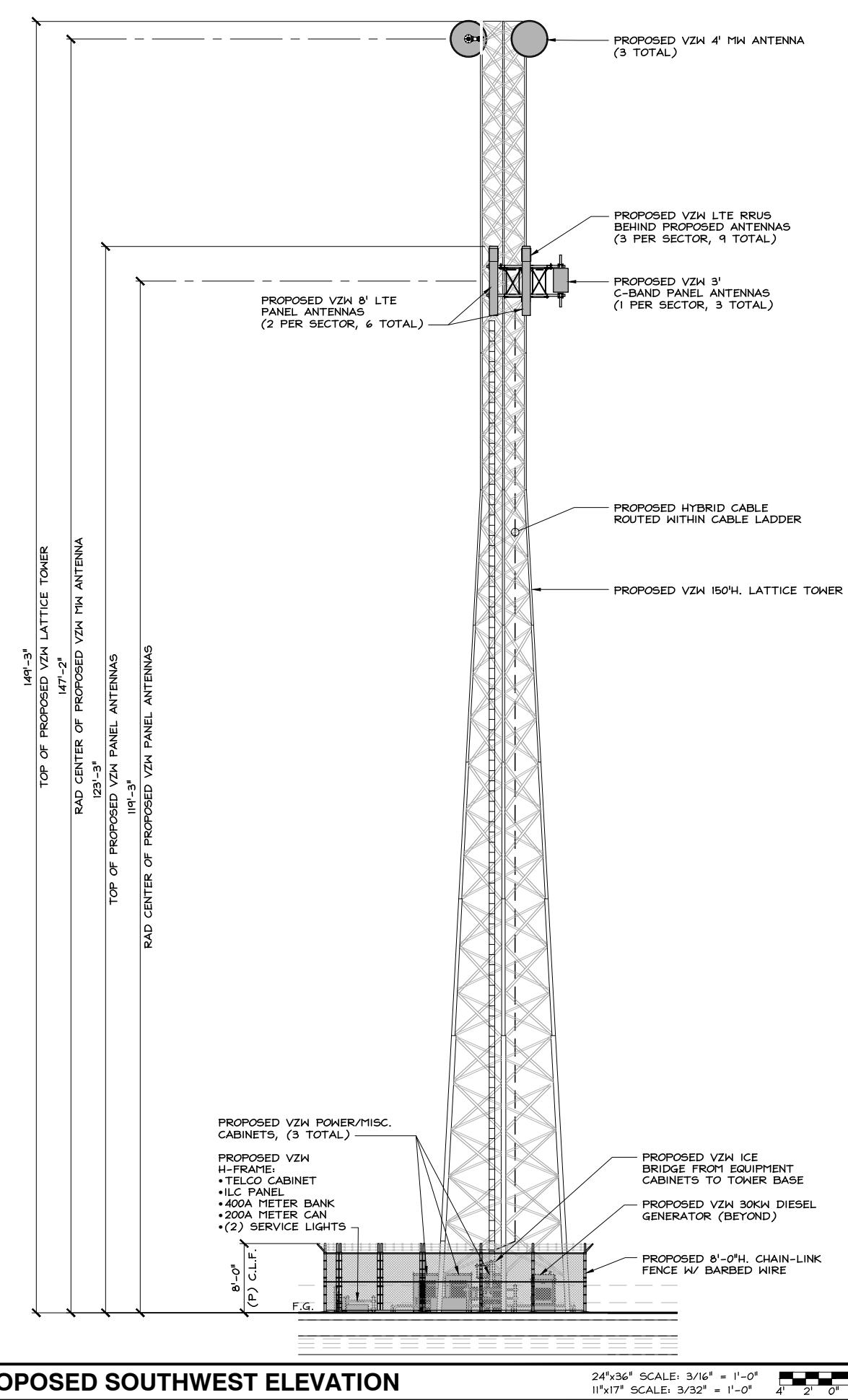
SHEET NUMBER
A-4





2

PROPOSED SOUTHEAST ELEVATION



2

PROPOSED SOUTHWEST ELEVATION

2770 SHADELANDS DRIVE,
BUILDING 11
WALNUT CREEK, CA 94598

I SPECTRUM POINTE DRIVE, SUITE 130
LAKE FOREST, CA 92630-2283

23675 BIRCHER DRIVE
LAKE FOREST, CA 92630

PROJECT ID: RTE 20 217
DRAWN BY: RN
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RTE 20 217
LATTICE TOWER:
16200 E HWY 20
CLEARLAKE OAKS, CA 95423

SHEET TITLE
ELEVATIONS

SHEET NUMBER
A-5

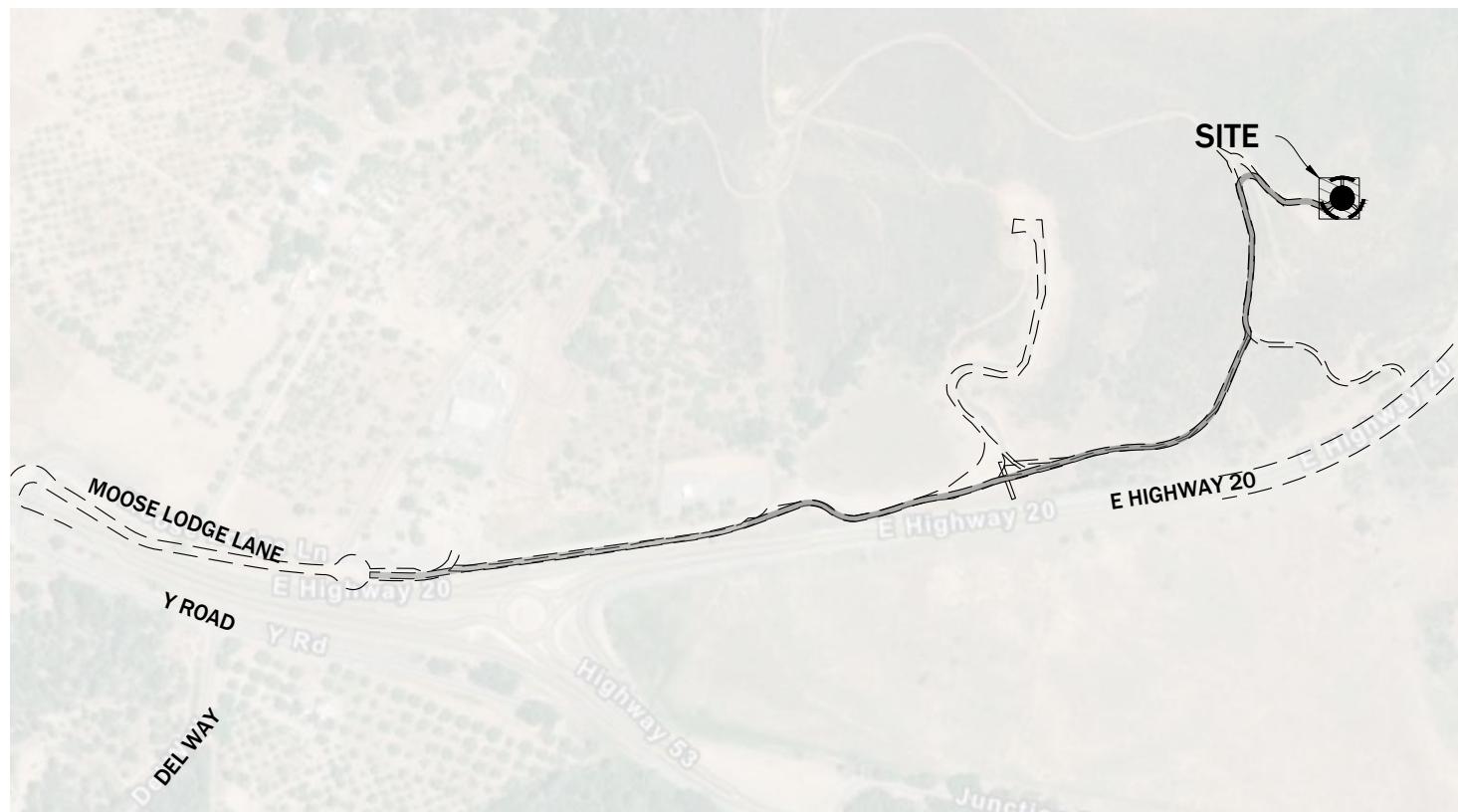
TELEPHONE CELL TOWER

Civil Construction Drawings

2231 DE WOLFF AVE. LOMPOC, CA 93436

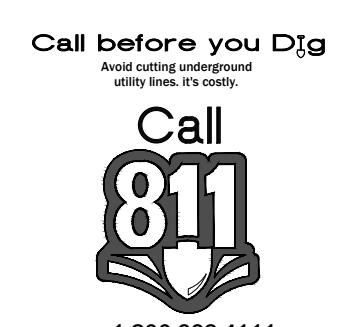
Vicinity Map

Not to Scale

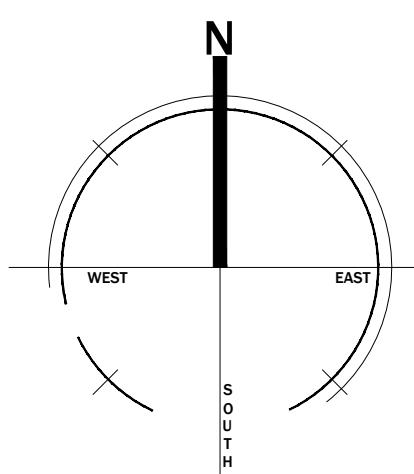
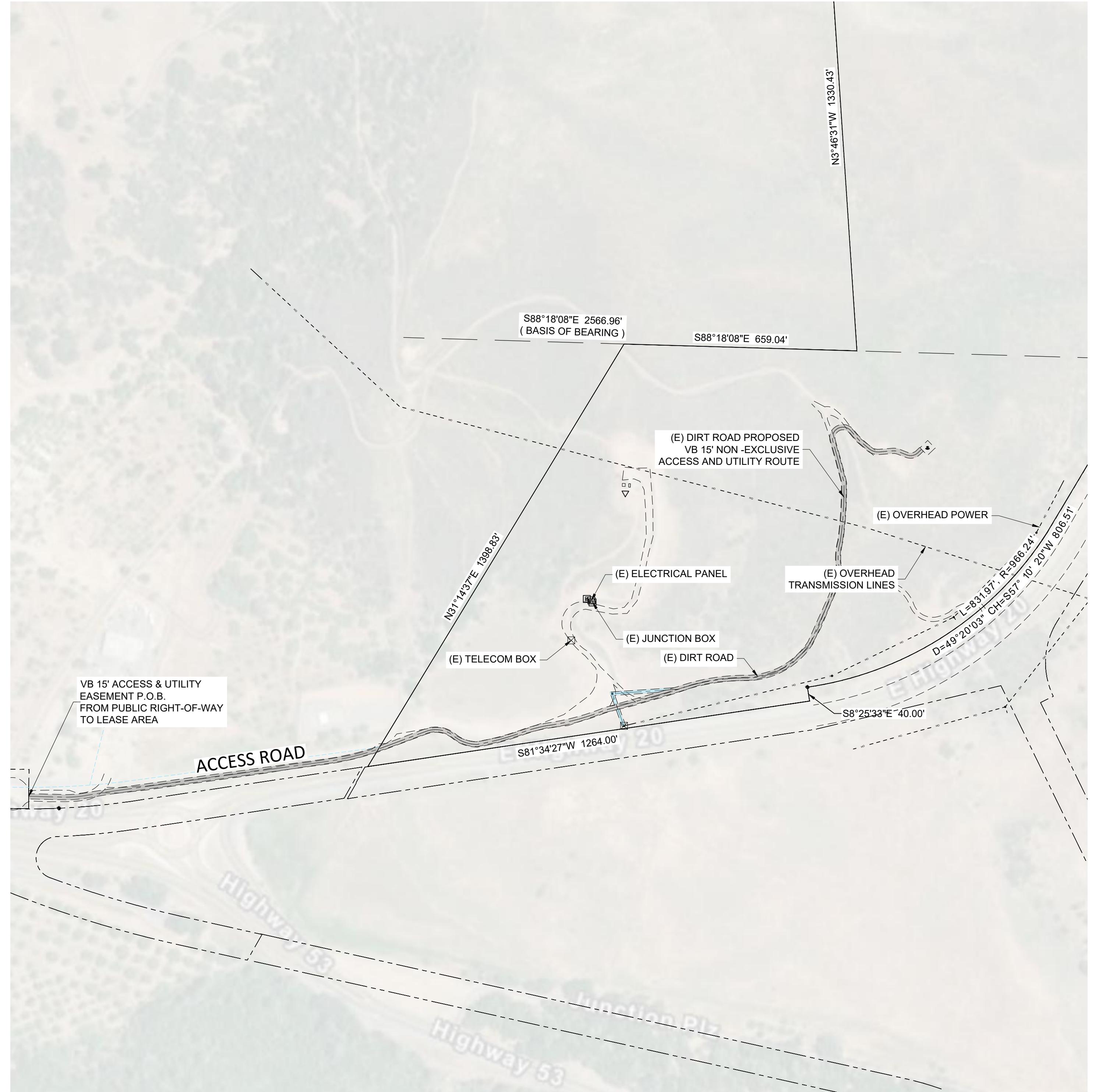


CIVIL ENGINEER

FAWKES CONSULTANTS
165 W CANYON CREST RD STE 260 ALPINE, UTAH 84004
CONTACT: JORDAN "GUY" WILLIAMS, P.E.
PHONE: (213) 500-5936



1-800-662-4111



Sheet List Table

SHEET NO.	TITLE
CV	COVER SHEET
GN	GENERAL NOTES
C100	GRADING PLAN
C200	PLAN & PROFILE
C201	PLAN & PROFILE
C300	EROSION CONTROL PLAN
C301	EROSION CONTROL PLAN

THE CONTRACTOR SHALL CAREFULLY READ ALL OF THE NOTES AND SPECIFICATIONS, THE CONTRACTOR SHALL BE SATISFIED AS TO THE TRUE MEANING AND INTENTION AND SHALL BE RESPONSIBLE FOR COMPLYING WITH EACH.

GENERAL NOTES:

1) ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE FOLLOWING: CURRENT REGULATORY AGENCY STANDARDS AND SPECIFICATIONS, AND REGULATORY AGENCY COMPREHENSIVE PLAN, WHERE APPLICABLE.

2) PRIOR TO ANY WORK BEING PERFORMED, THE CONTRACTOR SHALL CONTACT REGULATORY AGENCY FOR A PRE-CONSTRUCTION CONFERENCE AS DIRECTED BY THE OWNER. CONTRACTOR SHALL ALSO NOTIFY THE BELOW LISTED PROJECT CONTACTS (48) HOURS IN ADVANCE OF SAID MEETING:

A. REGULATORY AGENCY:
WATER, SEWER, & STORM WATER
CLEARLAKE
14050 OLYMPIC DRIVE
CLEARLAKE, CA 95422

B. ENGINEER:
Fawkes Consultants
165 W CANYON CREST RD STE 260
ALPINE, UTAH 84004

CONTACT:
gwilliams@fawkesconsultants.com
Jordan "Guy" Williams, P.E.
213-500-5936

C. GAS
SOCALGAS
CUSTOMER SERVICE LINE: 1-877-238-0092

D. POWER COMPANY:
ENGINEERED PRODUCTS CO.
CUSTOMER SERVICE LINE: 800-336-1976

E. TELEPHONE COMPANY:
TOWER SUPPLY COMPANY
CUSTOMER SERVICE LINE: 800-969-6573

3) IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES OR AMBIGUITIES WHICH MAY EXIST IN THE PLANS OR SPECIFICATIONS. THE ENGINEER'S INTERPRETATION THEREOF SHALL BE CONCLUSIVE.

4) WHERE THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.

5) THE CONTRACTOR SHALL BE SKILLED AND REGULARLY ENGAGED IN THE GENERAL CLASS AND TYPE OF WORK CALLED FOR IN THE PROJECT PLANS AND SPECIFICATIONS. THEREFORE, THE OWNER IS RELYING UPON THE EXPERIENCE AND EXPERTISE OF THE CONTRACTOR TO SKILLFULLY PERFORM THAT WORK IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. IN ADDITION, ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE, THE CONTRACTOR SHALL BE COMPETENT, KNOWLEDGEABLE AND HAVE SPECIAL SKILLS IN THE NATURE, EXTENT AND INHERENT CONDITIONS OF THE WORK TO BE PERFORMED. CONTRACTOR SHALL ALSO ACKNOWLEDGE THAT THERE ARE CERTAIN PECULIAR AND INHERENT CONDITIONS EXISTENT IN THE CONSTRUCTION OF THE PARTICULAR FACILITIES, WHICH MAY CREATE, DURING THE CONSTRUCTION PROGRAM, UNUSUAL OR, UNSAFE CONDITIONS, HAZARDOUS TO PERSONS, PROPERTY AND THE ENVIRONMENT. CONTRACTOR SHALL BE AWARE OF SUCH PECULIAR RISKS AND HAVE THE SKILL AND EXPERIENCE TO FORESEE AND TO ADOPT PROTECTIVE MEASURES TO ADEQUATELY AND SAFELY PERFORM THE CONSTRUCTION WORK WITH RESPECT TO SUCH HAZARDS.

6) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THE PROJECT, AND SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS AND CONDITIONS OF ALL PERMITS AND APPROVALS APPLICABLE TO THIS PROJECT. THE CONTRACTOR SHALL ENSURE THAT THE NECESSARY RIGHT-OF-WAYS, EASEMENTS, AND/OR PERMITS ARE SECURED PRIOR TO CONSTRUCTION.

7) CONTRACTOR SHALL OBTAIN A LAND DISTURBANCE PERMIT WHERE APPLICABLE FOR ANY WORK DONE WITHIN RIGHT-OF-WAYS OR EASEMENTS FROM REGULATORY AGENCY AND/OR UDOT. CONTRACTOR SHALL NOTIFY REGULATORY AGENCY, AND/OR STATE, 24 HOURS IN ADVANCE OF COMMENCING THE WORK, OR AS REQUIRED BY SAID PERMITS.

8) THE CONTRACTOR SHALL, AT THE TIME OF BIDDING, AND, THROUGHOUT THE PERIOD OF THE CONTRACT, BE LICENSED IN THE STATE AND SHALL BE BONDABLE FOR AN AMOUNT EQUAL TO OR GREATER THAN THE AMOUNT BID AND TO DO THE TYPE OF WORK CONTEMPLATED IN THE PLANS AND SPECIFICATIONS. CONTRACTOR SHALL BE SKILLED AND REGULARLY ENGAGED IN THE GENERAL CLASS AND TYPE OF WORK CALLED FOR IN THE PLANS AND SPECIFICATIONS.

9) OWNER SHALL FILE NOTICE OF INTENT WITH THE STATE DIVISION OF WATER QUALITY AND ALSO OBTAIN A FUGITIVE DUST CONTROL PERMIT AS REQUIRED.

10) CONTRACTOR SHALL INSPECT THE SITE OF THE WORK PRIOR TO BIDDING TO SATISFY THEMSELVES BY PERSONAL EXAMINATION OR BY SUCH OTHER MEANS AS THEY MAY PREFER, OF THE LOCATION OF THE PROPOSED WORK, AND OF THE ACTUAL CONDITIONS OF AND AT THE SITE OF WORK.

IF, DURING THE COURSE OF THEIR EXAMINATION, A BIDDER FINDS FACTS OR CONDITIONS WHICH APPEAR TO THEM TO BE IN CONFLICT WITH THE LETTER OR SPIRIT OF THE PROJECT PLANS AND SPECIFICATIONS, THEY SHALL CONTACT THE ENGINEER FOR ADDITIONAL INFORMATION AND EXPLANATION BEFORE SUBMITTING THEIR BID.

SUBMISSION OF A BID BY THE CONTRACTOR SHALL CONSTITUTE ACKNOWLEDGMENT THAT, IF AWARDED THE CONTRACT, THEY HAVE RELIED AND ARE RELYING ON THEIR OWN EXAMINATION OF (1) THE SITE OF THE WORK, (2) ACCESS TO THE SITE, AND (3) ALL OTHER DATA AND MATTERS REQUISTE TO THE FULFILLMENT OF THE WORK AND ON THEIR OWN KNOWLEDGE OF EXISTING FACILITIES ON AND IN THE VICINITY OF THE SITE OF THE WORK TO BE CONSTRUCTED UNDER THIS CONTRACT.

THE INFORMATION PROVIDED BY THE OWNER OR THE ENGINEER IS NOT INTENDED TO BE A SUBSTITUTE FOR, OR A SUPPLEMENT TO THE INDEPENDENT VERIFICATION BY THE CONTRACTOR TO THE EXTENT SUCH INDEPENDENT INVESTIGATION OF SITE CONDITIONS IS DEEMED NECESSARY OR DESIRABLE BY THE CONTRACTOR. CONTRACTOR SHALL ACKNOWLEDGE THAT THEY HAVE NOT RELIED SOLELY UPON OWNER OR ENGINEER FURNISHED INFORMATION REGARDING SITE CONDITIONS IN PREPARING AND SUBMITTING THEIR BID.

11) THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, BARRICADES, SIGNS, FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY, AS REQUIRED BY REGULATORY AGENCY. IF TRAFFIC CONTROL IS NECESSARY, A TRAFFIC CONTROL PLAN SHOULD BE SUBMITTED TO REGULATORY AGENCY ENGINEERING DEPARTMENT FOR APPROVAL PRIOR TO ANY WORK BEING STARTED.

12) THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL WATER, POWER, SANITARY FACILITIES AND TELEPHONE SERVICES AS REQUIRED FOR THE CONTRACTORS USE DURING CONSTRUCTION.

13) THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER, ENGINEER, AND/OR REGULATORY AGENCY.

14) THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, CONTROL POINTS, REFERENCE POINTS AND ALL SURVEY STAKES, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERRORS CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE.

15) THE CONTRACTOR AGREES THAT:

A. THEY SHALL BE RESPONSIBLE TO CLEAN THE JOB SITE AT THE END OF EACH PHASE OF WORK.

B. THEY SHALL BE RESPONSIBLE TO REMOVE AND DISPOSE OF ALL TRASH, SCRAP AND UNUSED MATERIAL AT THEIR OWN EXPENSE IN A TIMELY MANNER.

C. THEY SHALL BE RESPONSIBLE TO MAINTAIN THE SITE IN A NEAT, SAFE AND ORDERLY MANNER AT ALL TIMES.

D. THEY SHALL BE RESPONSIBLE TO KEEP MATERIALS, EQUIPMENT, AND TRASH OUT OF THE WAY OF OTHER CONTRACTORS SO AS NOT TO DELAY THE JOB. FAILURE TO DO SO WILL RESULT IN A DEDUCTION FOR THE COST OF CLEAN UP FROM THE FINAL PAYMENT.

E. THEY SHALL BE RESPONSIBLE FOR THEIR OWN SAFETY, TRAFFIC CONTROL, PERMITS, RETESTING AND RE-INSPECTIONS AT THEIR OWN EXPENSE.

16) THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

17) DUST CONTROL SHALL BE PROVIDED AT ALL TIMES, AT THE CONTRACTOR'S EXPENSE, TO MINIMIZE ANY DUST NUISANCE AND SHALL BE IN ACCORDANCE WITH REGULATORY AGENCY COMPREHENSIVE PLAN.

18) FOR ALL WORK WITHIN PUBLIC RIGHT-OF-WAYS OR EASEMENTS, THE CONTRACTOR SHALL PRESERVE THE INTEGRITY AND LOCATION OF ANY AND ALL PUBLIC UTILITIES AND PROVIDE THE NECESSARY CONSTRUCTION TRAFFIC CONTROL. CONTRACTOR SHALL, THROUGH THE ENCROACHMENT PERMIT PROCESS, VERIFY WITH THE NECESSARY REGULATORY AGENCIES, THE NEED FOR ANY TRAFFIC ROUTING PLAN. IF PLAN IS REQUIRED, CONTRACTOR SHALL PROVIDE PLAN AND RECEIVE PROPER APPROVALS PRIOR TO BEGINNING CONSTRUCTION.

19) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY SCHEDULING INSPECTION AND TESTING OF ALL FACILITIES CONSTRUCTED UNDER THIS CONTRACT. ALL TESTING SHALL CONFORM TO THE REGULATORY AGENCY'S STANDARD SPECIFICATIONS. ALL TESTING AND INSPECTION SHALL BE PAID FOR BY THE OWNER; ALL RE-TESTING AND/OR RE-INSPECTION SHALL BE PAID FOR BY THE CONTRACTOR.

20) IF EXISTING IMPROVEMENTS NEED TO BE DISTURBED AND/OR REMOVED FOR THE PROPER PLACEMENT OF IMPROVEMENTS TO BE CONSTRUCTED BY THESE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE. COST OF REPLACING OR REPAIRING EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS REQUIRING REMOVAL AND/OR REPLACEMENT OF EXISTING IMPROVEMENTS. THERE WILL BE NO EXTRA COST DUE THE CONTRACTOR FOR REPLACING OR REPAIRING EXISTING IMPROVEMENTS.

21) WHENEVER EXISTING FACILITIES ARE REMOVED, DAMAGED, BROKEN, OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE PLANS OR SPECIFICATIONS, SAID FACILITIES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE, AFTER PROPER BACKFILLING AND/OR CONSTRUCTION, WITH MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL EXISTING FACILITIES. THE FINISHED PRODUCT SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER, THE ENGINEER, AND THE RESPECTIVE REGULATORY AGENCY.

22) THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL STRUCTURES AND OTHER FACILITIES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOM. MODIFICATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR.

PRIOR TO COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER, ONE SET OF NEATLY MARKED AS-BUILT RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. AS-BUILT RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS-BUILT RECORD DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS RELEASING AS A PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL ACCEPTANCE.

23) WORK IN EASEMENT AND/OR RIGHT-OF-WAY IS SUBJECT TO THE APPROVAL AND ACCEPTANCE OF THE REGULATORY AGENCY RESPONSIBLE FOR OPERATION AND/OR MAINTENANCE OF SAID EASEMENT AND/OR RIGHT-OF-WAY.

CLEARING AND GRADING NOTES:

1) CONTRACTOR SHALL PERFORM EARTHWORK IN ACCORDANCE WITH REGULATORY AGENCY STANDARD SPECIFICATIONS AND DIVISION 2 OF THE AMERICAN PUBLIC WORKS ASSOCIATION STANDARD SPECIFICATIONS.

2) IF THE PROJECT REQUIRES ANY IMPORT OR EXPORT TO ACHIEVE A BALANCED SITE, A SEPARATE UNIT PRICE PER CUBIC YARD SHALL BE INCLUDED IN THE BID FOR SAID IMPORT OR EXPORT. ANY EXPORT MATERIAL SHALL BE STOCKPILED OR REMOVED FROM THE PROJECT SITE AS DIRECTED BY THE OWNER AND/OR ENGINEER.

UNDERGROUND UTILITIES:

1) THE INFORMATION SHOWN ON THE PLANS WITH REGARD TO THE EXISTING UTILITIES AND/OR IMPROVEMENTS, WAS DERIVED FROM FIELD INVESTIGATIONS AND/OR RECORD INFORMATION. THE ENGINEER DOES NOT GUARANTEE THESE LOCATIONS TO BE EITHER TRUE OR EXACT. PRIOR TO CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY ALL EXISTING IMPROVEMENTS AND TO EXPOSE ALL EXISTING UNDERGROUND UTILITIES RELATED TO THE PROJECT, INCLUDING BUT NOT LIMITED TO, SEWER, STORM DRAIN, WATER, IRRIGATION, GAS, ELECTRICAL, ETC. AND SHALL NOTIFY THE ENGINEER IN WRITING FORTY-EIGHT (48) HOURS IN ADVANCE OF EXPOSING THE UTILITIES, SO THAT THE EXACT LOCATION AND ELEVATION CAN BE VERIFIED AND DOCUMENTED. THE COST ASSOCIATED TO PERFORM THIS WORK SHALL BE INCLUDED IN EITHER THE LUMP SUM CLEARING COST OR IN THE VARIOUS ITEMS OF WORK. IF LOCATION AND/OR ELEVATION DIFFERS FROM THAT SHOWN ON THE DESIGN PLANS, PROVISIONS TO ACCOMMODATE NEW LOCATION/ELEVATION MUST BE MADE PRIOR TO CONSTRUCTION.

2) PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE, IN THE FIELD, THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY THE BLUE STAKES OF DIALING 811 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK. THE CONTRACTOR SHALL RECORD THE BLUE STAKES NUMBER AND FURNISH ORDER NUMBER TO OWNER AND ENGINEER PRIOR TO ANY EXCAVATION. IT WILL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DIRECTLY CONTACT ANY OTHER UTILITY COMPANIES THAT ARE NOT MEMBERS OF BLUE STAKES CALL. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE PROJECT.

3) THE CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, SLOPING OR OTHER PROVISIONS NECESSARY TO PROTECT WORKMEN FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF 4' OR MORE. FOR EXCAVATIONS 4 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH INDUSTRIAL COMMISSION OF THE STATE SAFETY ORDERS FOR EXCAVATIONS AND TRENCHES, ALONG WITH ANY LOCAL CODES OR ORDINANCES.

4) PRIOR TO OPENING AN EXCAVATION EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATIONS: I.E. SEWER, WATER, FUEL, ELECTRIC LINES, ETC., WILL BE ENCOUNTERED AND IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING; AND, WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE EXISTING INSTALLATION. ALL OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION.

THE CONTRACTOR WILL VERIFY DEPTHS OF ALL UTILITIES IN THE FIELD BY POT HOLE A MINIMUM OF 300 FEET AHEAD OF PIPELINE CONSTRUCTION TO AVOID CONFLICTS WITH DESIGNED PIPELINE GRADE AND ALIGNMENT. IF A CONFLICT ARISES RESULTING FROM THE CONTRACTOR NEGLECTING TO POT HOLE UTILITIES THE CONTRACTOR WILL BE REQUIRED TO RESOLVE THE CONFLICT WITHOUT ADDITIONAL COST OR CLAIM TO THE OWNER.

5) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSTALL PIPE OF ADEQUATE CLASSIFICATION WITH SUFFICIENT BEDDING TO MEET ALL REQUIREMENTS AND RECOMMENDATIONS OF THE REGULATORY AGENCY FOR H-20 LOAD REQUIREMENTS.

6) SANITARY SEWER AND WATER SYSTEM CONSTRUCTION TO BE INSTALLED PER THE REQUIREMENTS OF THE REGULATORY AGENCY.

A. ALL SANITARY SEWER CONSTRUCTION SHALL COMPLY WITH THE REGULATORY AGENCY STANDARDS.

B. ALL WATER SERVICE LINES SHALL BE CONSTRUCTED ACCORDING TO REGULATORY AGENCY STANDARDS.

C. ALL WATERLINE BENDS, ELBOWS, TEES, AND CROSSES SHALL HAVE THRUST BLOCKS PLACED ACCORDING TO REGULATORY AGENCY STANDARDS.

D. ALL WATERLINE LOOPS SHALL BE CONSTRUCTED ACCORDING TO REGULATORY AGENCY STANDARDS.

E. CONTRACTOR TO VERIFY ALL PIPE LENGTHS. PIPE LENGTHS SHOWN ARE MEASURED FROM EDGE OF MH TO EDGE OF MH. NO ADJUSTMENT WAS MADE FOR SLOPE.

7) THE CONTRACTOR SHALL NOTIFY INFLY CONSULTANTS, INC. IN WRITING AT LEAST 48 HOURS PRIOR TO BACKFILLING OF ANY PIPE WHICH STUBS TO A FUTURE PHASE OF CONSTRUCTION FOR INVERT VERIFICATION. TOLERANCE SHALL BE IN ACCORDANCE WITH THE REGULATORY AGENCY STANDARD SPECIFICATIONS.

8) ALL UNDERGROUND UTILITIES SHALL BE IN PLACE PRIOR TO INSTALLATION OF CURB, GUTTER, SIDEWALK AND STREET PAVING.

9) THE CONTRACTOR IS RESPONSIBLE FOR ALL STREET LIGHT TRENCHING.

SURFACE IMPROVEMENTS:

1) ALL MANHOLE RIMS, LAMPHOLES, VALVES AND MONUMENT BOXES, ETC. SHALL BE ADJUSTED TO FINISHED GRADE & COLLARED AFTER STREET PAVING, UNLESS OTHERWISE NOTED. COST FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR SAID FACILITIES.

2) PAYMENT FOR PAVEMENT WILL BE MADE ONLY FOR AREAS SHOWN ON PLANS. REPLACEMENT OF PAVEMENT WHICH IS BROKEN OR CUT DURING THE INSTALLATION OF THE WORK COVERED BY THESE SPECIFICATIONS, AND WHICH LIES OUTSIDE OF SAID AREAS, SHALL BE INCLUDED IN THE CONTRACTOR'S UNIT PRICE FOR PAVEMENT, AND NO ADDITIONAL PAYMENT SHALL BE MADE FOR SUCH WORK.

3) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL STRIPING AND/OR PAVEMENT MARKINGS NECESSARY TO TIE EXISTING STRIPING INTO FUTURE STRIPING. METHOD OF REMOVAL SHALL BE BY GRINDING OR SANDBLASTING.

4) STRIPING AND PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH REGULATORY AGENCY STANDARDS.

ROADWAY MATERIALS: ROADWAY MATERIALS SPECIFICATIONS AND CONSTRUCTION REQUIREMENTS SHALL BE AS OUTLINED BY REGULATORY AGENCY STANDARDS AND THESE PLANS.

SEWER IMPROVEMENT COMPLIANCE:

1) ALL CONSTRUCTION SHALL COMPLY WITH THE REGULATORY AGENCY'S DESIGN STANDARDS AND SPECIFICATIONS.

2) CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND INVERT ELEVATIONS OF EXISTING MANHOLES AND OTHER UTILITIES BEFORE STAKING OR CONSTRUCTING ANY NEW SEWER LINES.

SWPPP NOTES:

1) SEE EROSION CONTROL SHEET FOR DETAILS AND BMP's.

2) CONTRACTOR IS REQUIRED TO OBTAIN AN NOI FROM THE STATE FOR SWPPP PURPOSES.

3) CONTRACTOR IS REQUIRED TO SCHEDULE AND ATTEND A PRE-CONSTRUCTION MEETING WITH REGULATORY AGENCY PRIOR TO COMMENCING ANY SITE WORK FOR THIS PROJECT.

17) DUST CONTROL SHALL BE PROVIDED AT ALL TIMES, AT THE CONTRACTOR'S EXPENSE, TO MINIMIZE ANY DUST NUISANCE AND SHALL BE IN ACCORDANCE WITH REGULATORY AGENCY COMPREHENSIVE PLAN.

18) FOR ALL WORK WITHIN PUBLIC RIGHT-OF-WAYS OR EASEMENTS, THE CONTRACTOR SHALL PRESERVE THE INTEGRITY AND LOCATION OF ANY AND ALL PUBLIC UTILITIES AND PROVIDE THE NECESSARY CONSTRUCTION TRAFFIC CONTROL. CONTRACTOR SHALL, THROUGH THE ENCROACHMENT PERMIT PROCESS, VERIFY WITH THE NECESSARY REGULATORY AGENCIES, THE NEED FOR ANY TRAFFIC ROUTING PLAN. IF PLAN IS REQUIRED, CONTRACTOR SHALL PROVIDE PLAN AND RECEIVE PROPER APPROVALS PRIOR TO BEGINNING CONSTRUCTION.

GENERAL DEMOLITION NOTES:

1. Demolition and site clearing for this contract are to include all areas shown within demolition limits or by note.

2. Refer to site improvement plans for more details on limits of removal.

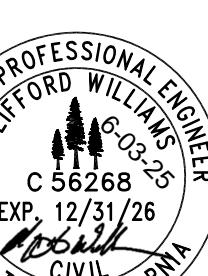
3. Demolish existing buildings and clear site, (including removal of all footings and foundations.)

4. All curbs, gutters, walls, slabs, fences, flatwork, asphalt, waterlines and meters, gas lines, sewer lines, light poles, buried cables, storm drain piping and structures to be cleared from site unless otherwise shown.

5. All utilities, sewer, water, gas, telephone and electrical services to be disconnected and capped according to city, county and utility company requirements, unless otherwise shown.

6. Basements and other excavated areas to be backfilled with clean granular material compacted to 95% of maximum dry density as determined by ASTM D 1557-78. (Test results to be given to owner.)

7. Clear and grub trees, shrubs, and vegetation within

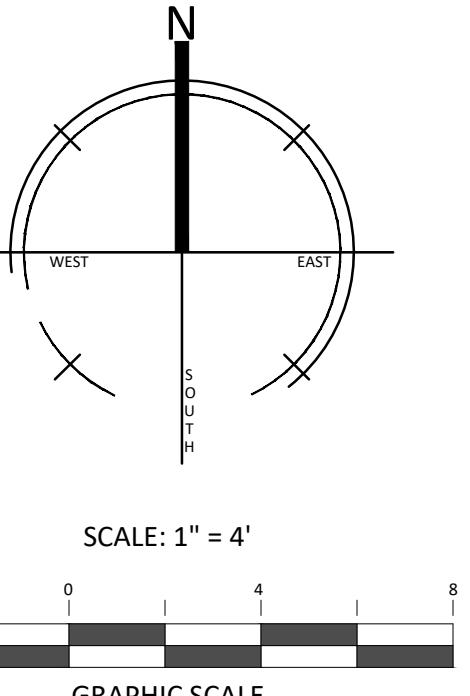


SCALE: 1"=4'

C100

DRAWN BY: MD

03/07



©2025

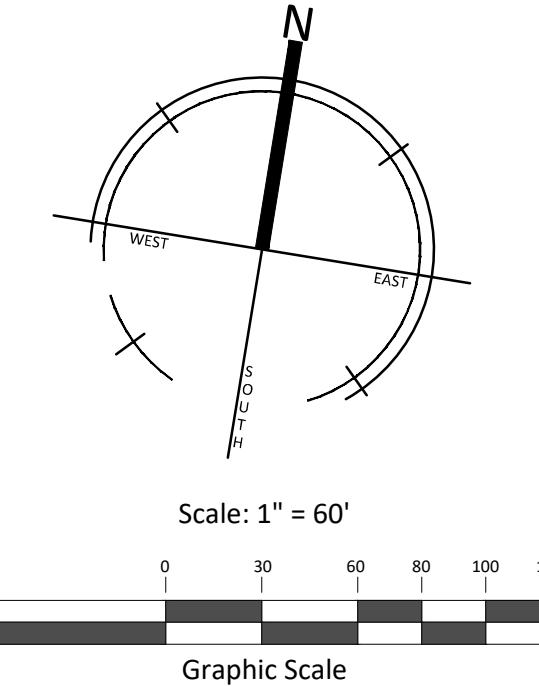
165 W CANYON CREST RD STE 260
ALPINE, UTAH 84040
Gwilliams@fawkesconsultants.com



DATE: 06/03/2025
PROJECT NO. 25.020

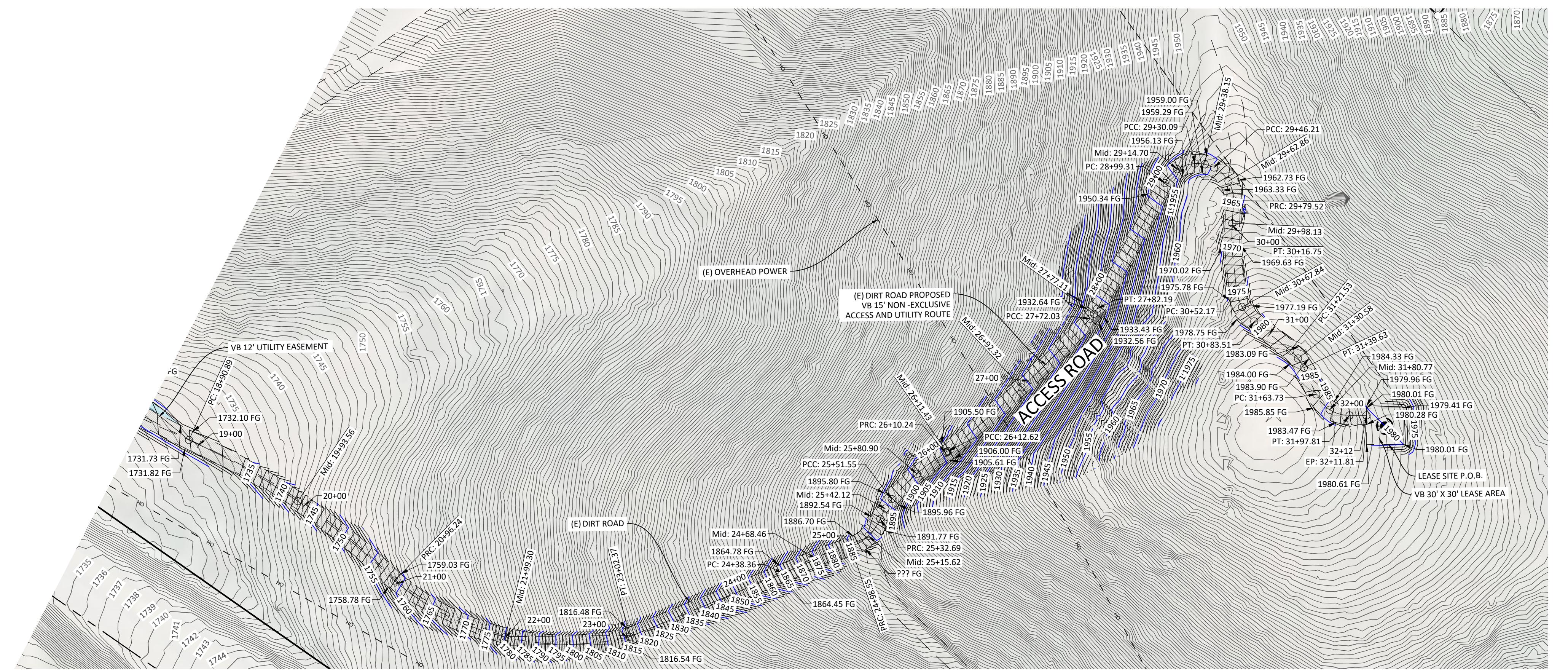
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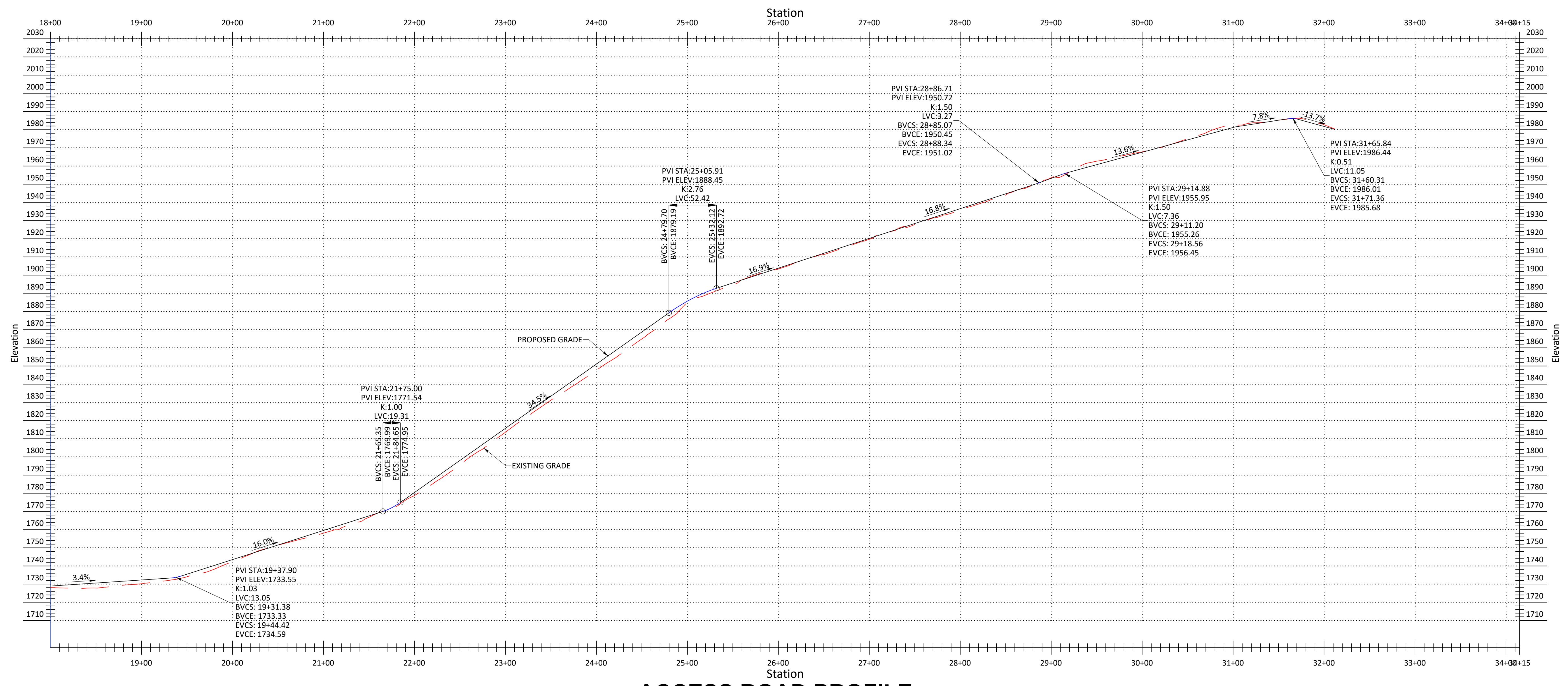


SUBMITTAL SET

DATE: 06/03/2025
PROJECT NO. 25.020
REVISION 1
6



ACCESS ROAD PLAN
STA. 18+50.00 TO 33+05.41



PLAN & PROFILE
LATTICE TOWER
16200 E HWY 20, CLEARLAKE OAKS,
LAKE COUNTY, CA 95423

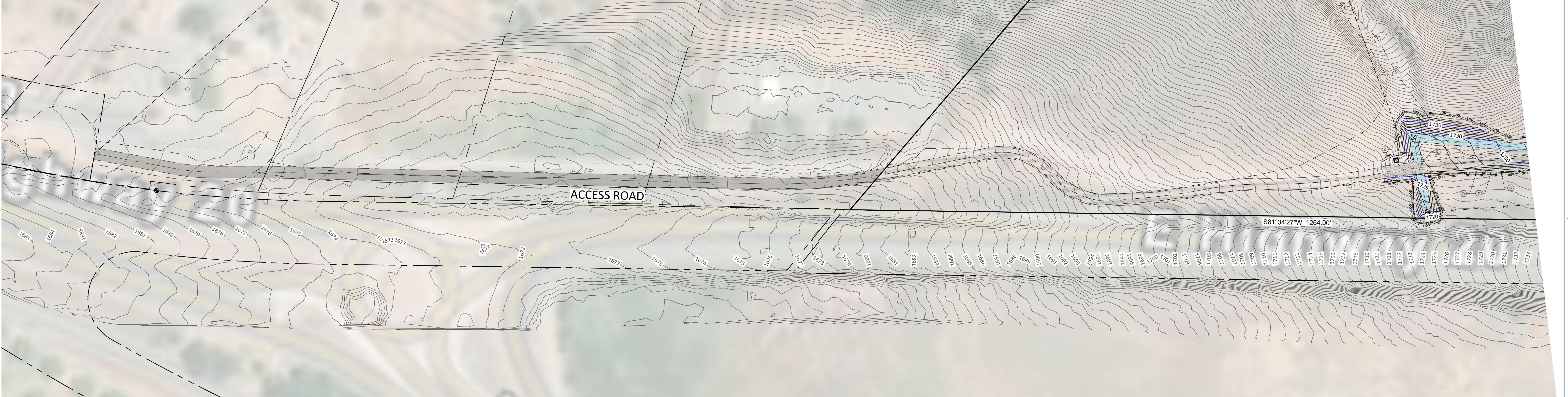
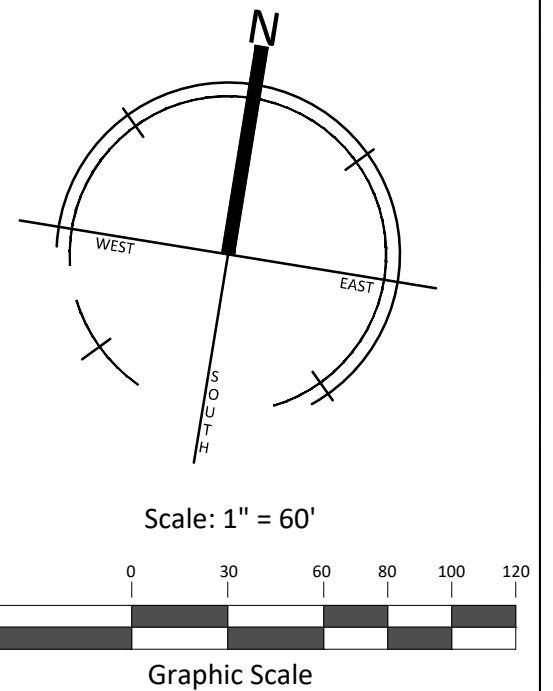
LICENSED PROFESSIONAL ENGINEER
CUTT FORD WILLIAMS, INC.
C 55268
EXP. 12/31/26
CIVIL

SCALE: 1"=60'

C201

DRAWN BY: MD

05/07



SUBMITTAL SET

DATE: 06/03/2025
PROJECT NO. 25.020
REVISION 1
6

EROSION CONTROL PLAN
LATTICE TOWER
LAKE COUNTY, CA 95423

LEGEND

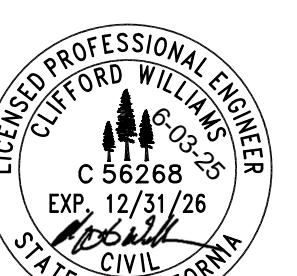
- SF** SILT FENCE
- CF** CONSTRUCTION FENCE AT PROPERTY LINE
- LOD** LIMITS OF DISTURBANCE
- FR** DIRECTION OF EXISTING OVERLAND FLOW
- FR** LINEAR FIBER ROLL
- FR** INLET PROTECTION WHERE CATCH BASINS AND STORM DRAINS ARE PRESENT ON SITE
- FR** PORTABLE TOILET CONTAINMENT
- FR** JOBSITE DUMPSTER

LEGEND

- CONCRETE WASHOUT AREA
- STABILIZED CONSTRUCTION ENTRANCE
- MATERIAL STORAGE AREA
- STOCK PILE AREA

NOTE: SEE LANDSCAPE PLANS FOR HYDROSEED AREAS FOR SITE SLOPE STABILIZATION.

EROSION CONTROL KEYNOTES	
A	FIBER ROLL MAT
B	SILT FENCE
C	CONCRETE WASH OUT
D	STABILIZED CONSTRUCTION ENTRANCE
E	MATERIAL STORAGE
F	STOCKPILE AREA
G	LIMITS OF DISTURBANCE

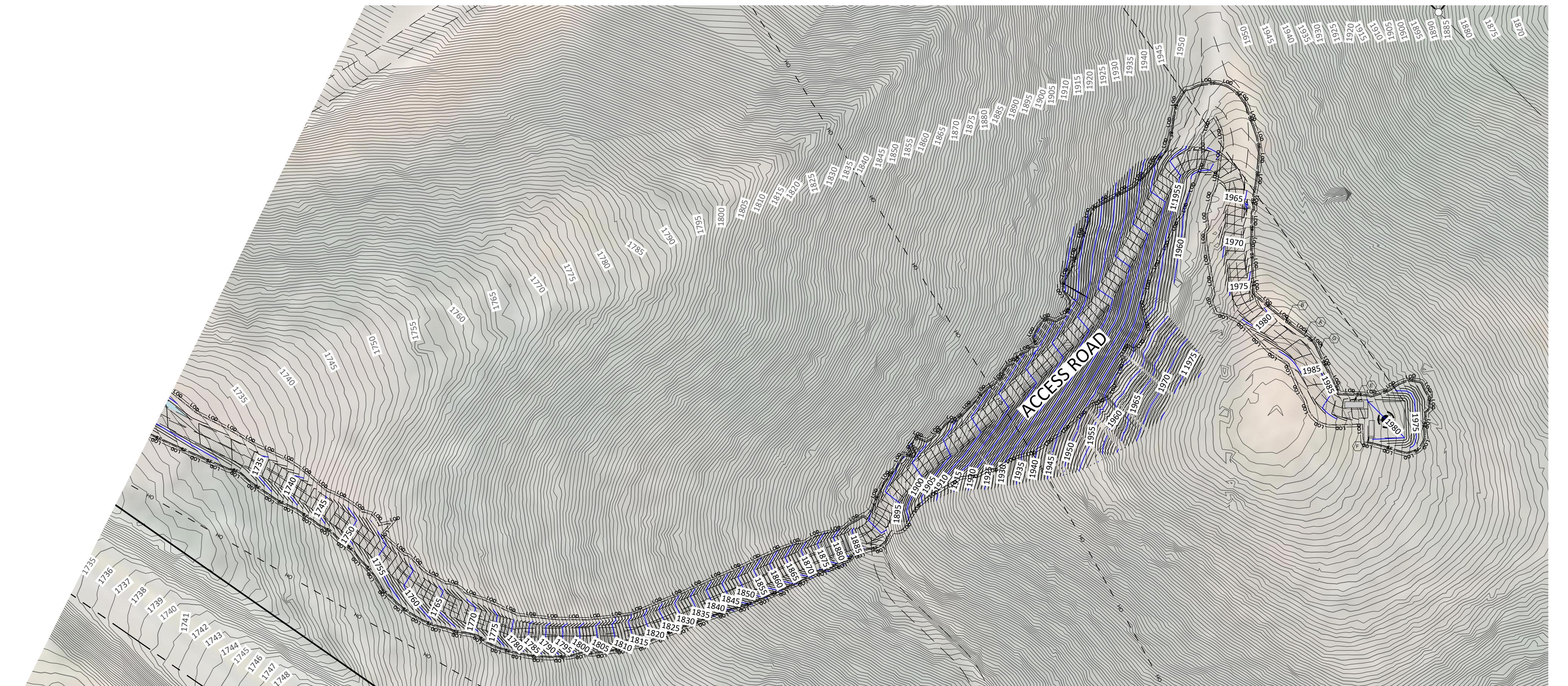
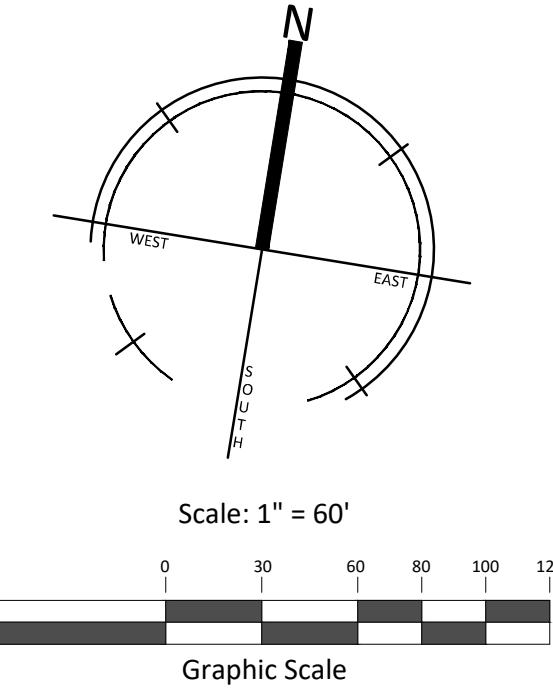


SCALE: 1"=60'

C300

DRAWN BY: MD

06/07



LEGEND

- SF — SILT FENCE
- CF — CONSTRUCTION FENCE AT PROPERTY LINE
- LOD — LIMITS OF DISTURBANCE
- FR — DIRECTION OF EXISTING OVERLAND FLOW
- LINEAR FIBER ROLL
- INLET PROTECTION- WHERE CATCH BASINS AND STORM DRAINS ARE PRESENT ON SITE
- PORTABLE TOILET CONTAINMENT
- JOBSITE DUMPSTER

LEGEND

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