

SITE NUMBER: CVL03061 SITE NAME: GREENWOOD

666 COURAGEOUS COURT
GREENWOOD, CA 95635
JURISDICTION: EL DORADO COUNTY

SITE TYPE: MONOPINE/SHELTER

JOBSITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF

ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS

OR BE RESPONSIBLE FOR THE SAME.

PROJECT INFORMATION PROJECT DESCRIPTION PROJECT TEAM REV SHEET INDEX PROPERTY INFORMATION: PROPERTY OWNER: **A&E DESIGN GROUP:** APPLICANT / LESSEE: T-1 TITLE SHEET NEW SITE BUILD UNMANNED TELECOMMUNICATIONS FACILITY. TERRY VANDERSCHUUR COMPANY: EPIC WIRELESS SITE NAME: GREENWOOD GN-1GENERAL NOTES 666 COURAGEOUS COURT 5001 EXECUTIVE PARKWAY CONTACT: CARL SYLVESTER SITE NUMBER: CVL03061 BRING POWER / TELCO / FIBER TO SITE LOCATION SITE SURVEY (BY OTHERS) FOR REFERENCE ONLY GREENWOOD. CA 95635 CARL.SYLVESTER@EPICWIRELESS.NET SAN RAMON, CA 945834 C-1GRAVEL ROAD IMPROVEMENT PH: (530) 933-2763 35'X40' FENCED LEASE AREA C-2EROSION CONTROL NOTES SEARCH RING: GREENWOOD RF ENGINEER: 4. INSTALL AT&T APPROVED PRE-MANUFACTURED EQUIPMENT SHELTER AND AT&T CONTACT: ALEXANDER KERRIGAN C - 2.1GRADING PLAN & DETAILS ARCHITECT / ENGINEER: ASSOCIATED INTERIOR EQUIPMENT FA# 13787674 PHONE: 916-484-2324 5. ADD (1) NEW GPS UNITS OVERALL SITE PLAN AND SITE PLAN — EXTERIOR EQUIPMENT SHELTER SITE ADDRESS: 666 COURAGEOUS COURT ADAPTIVE RE-USE ENGINEERING EMAIL:AK440B@US.ATT.COM 6. ADD 125'-0" MONOPINE CONTACT: CRAIG HORNER, PE 84674 GREENWOOD, CA 95635 ENLARGED SITE PLAN — EXTERIOR EQUIPMENT SHELTER POWER AGENCY: 7. ADD (12) ANTENNAS (4) PER ALPHA, BETA, GAMMA SECTOR EMAIL: CRAIGMHORNER@YAHOO.COM PROJECT MGR.: EQUIPMENT AREA PLAN - EXTERIOR EQUIPMENT SHELTER PH: (214) 407-3184 EPIC WIRELESS A.P.N. NUMBER: 074-100-24-100 9. ADD (4) SURGE SUPPRESSORS A-3ANTENNA PLAN & DETAILS - MONOPINE PG&E CORPORATION CONTACT: NICK TAGAS 10. ADD (2) FUTURE 4' MICROWAVE DISHES CIVIL VENDOR.: 1 MARKET STREET, SPEAR TOWER PROPOSED MONOPINE NORTH - SOUTH ELEVATION EMAIL: NICK.TAGAS@EPICWIRELESS.NET 11. ADD 6'-0" HIGH CHAIN LINK FENCE W/ VYNAL SLATS CURRENT USE: SINGLE FAMILY RESIDENTIAL, VINCULUMS CM SAN FRANCISCO, CA 94105 PROPOSED MONOPINE WEST - EAST ELEVATION 12. ADD 35KW LP PROPANE GENERATOR PH: (916) 990-1446 PH: 1-800-743-5000 CONTACT: KEN ABEL RURAL RESEDENTIAL 13. ADD 500 GAL LP PROPANE STORAGE TANK SITE ACQUISITION: EMAIL: KABEL@VINCULUMS.COM **TELEPHONE AGENCY:** PH: (916) 844-4602 COMPANY: EPIC WIRELESS PROPOSED USE: (U) UNMANNED CONTACT: JARED KEARSLEY (ZONING MGR.) TELECOMMUNICATION FACILITY 525 MARKET STREET, SPEAR TOWER EMAIL: JARED. KEARSLEY@EPICWIRELESS.NET SAN FRANCISCO, CA 94105 CELL: (916) 755–1326 JURISDICTION: EL DORADO COUNTY PH: 1-800-310-2355 CONSTRUCTION MGR. COMPANY: EPIC WIRELESS LATITUDE: N 38° 54' 10.28" CONTACT: PETE MANAS EMAIL: PETE.MANAS@EPICWIRELESS.NET LONGITUDE: W 120° 55' 23.16" PH: (530) 383-5957 GROUND ELEVATION: ± 1952.8 FT. AMSL CODE COMPLIANCE RFDS DATED 02-17-2017, ISSUE 1.0 **DIRECTIONS FROM AT&T REVISION 1.00.01** ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS **VICINITY MAP** DIRECTIONS FROM AT&T'S OFFICE AT 2600 CAMINO RAMON, SAN RAMON, CA ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO 2600 CAMINO RAMON SAN RAMON, CA 94583 2016 CALIFORNIA ADMINISTRATIVE CODE. PART 1. TITLE 24. C.C.R. GET ON I-680 N IN DANVILLE FROM CAMINO RAMON 12 MIN (4.1 MI) (CALIFORNIA CODE OF REGULATIONS) HEAD NORTHWEST ON CAMINO RAMON TOWARD EXECUTIVE PKWY 1.0 MI TURN LEFT ONTO CROW CANYON RD 0.2 MI 2. 2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, C.C.R. TURN RIGHT ONTO CROW CANYON PL 0.2 MI (VOLUMES 1 & 2), (2015 INTERNATIONAL BUILDING CODE) CONTINUE ONTO CAMINO RAMON 2.3 MI USE THE MIDDLE LANE TO TURN LEFT ONTO SYCAMORE VALLEY RD 384 FT 3. 2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24. USE THE RIGHT 2 LANES TO TURN RIGHT ONTO THE INTERSTATE 680 N RAMP TO SACRAMENTO 0.3 MI C.C.R., (2014 NATIONAL ELECTRICAL CODE) 8. FOLLOW I-680 N AND I-80 E TO ELM AVE IN AUBURN. TAKE EXIT 119C FROM I-80 E 1 H 39 MIN (111 4. 2016 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, 9. MÉRGE ONTO I-680 N 6.7 MI C.C.R., (2015 UNIFORM MECHANICAL CODE) 10. KEEP LEFT TO STAY ON I-680 N 5.0 MI 5. 2016 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R., 11. KEEP LEFT AT THE FORK TO STAY ON I-680 N 5.9 MI 12. KEEP LEFT AT THE FORK TO CONTINUE ON I-680 14.4 MI (2015 UNIFORM PLUMBING CODE) 13. USE ANY LANE TO TAKE EXIT 71A TOWARD I-80 E/SACRAMENTO 0.4 MI 6. 2016 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R. 14. MERGE ONTO I-80 E 29.0 MI 15. KEEP LEFT AT THE FORK TO STAY ON I-80 E 12.1 MI 2016 CALIFORNIA HISTORICAL BUILDING CODE, PART 8, TITLE 24, 16. KEEP RIGHT AT THE FORK TO STAY ON I-80 E, FOLLOW SIGNS FOR RENO 37.7 MI C.C.R., (2015 INTERNATIONAL BUILDING CODE) 17. TAKE EXIT 119C FOR ELM AVE 489 FT 8. 2016 CALIFORNIA FIRE CODE, PART 9. TITLE 24 C.C.R.. (2015 18. FOLLOW CA-193 E TO COURAGEOUS RD IN EL DORADO COUNTY 22 MIN (12.5 MI) 19. TURN LEFT ONTO ELM AVE (SIGNS FOR DOWNTOWN/AUBURN) 0.2 MI INTERNATIONAL FIRE CODE) 20. TURN LEFT ONTO CA-49 S/EL DORADO ST/HIGH ST 299 FT 9. 2016 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24, 21. TURN RIGHT ONTO CA-193 E/CA-49 S/EL DORADO ST CONTINUE TO FOLLOW CA-193 E/CA-49 S 6.0 MI C.C.R., (2015 INTERNATIONAL BUILDING CODE) 22. TURN LEFT ONTO CA-193 E 5.6 MI 23. TURN RIGHT ONTO COURAGEOUS RD 0.4 MI 10. 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, 24. CONTINUE STRAIGHT TO STAY ON COURAGEOUS RD 0.2 MI TITLE 24 C.C.R., (CALGreen) 11. 2016 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 666 COURAGEOUS RD GREENWOOD, CA 95635 12. ANSI/EIA-TIA-222-G 13. ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS. Site 6 Attachments 1-4 DISABLED ACCESS REQUIREMENTS SPECIAL INSPECTIONS THIS FACILITY IS UNMANNED & NOT FOR HUMAN HABITATION. DISABLED **APPROVALS** ACCESS & REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA STATE BUILDING CODE TITLE 24 PART 2, SECTION 11B-203.4 APPROVED BY: DIGALERT GENERAL CONTRACTOR NOTES **VENDOR:** OCCUPANCY AND CONSTRUCTION TYPE DO NOT SCALE DRAWINGS OCCUPANCY: U (UNMANNED) LEASING / LANDLORD: CONSTRUCTION TYPE: V-B THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE AT 24" x 36". CONTRACTOR CONSTRUCTION: SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE

POWER / TELCO:

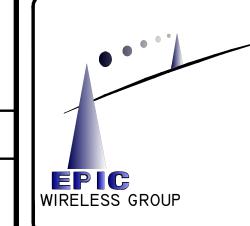
PG&E:

GREENWOOD

666 COURAGEOUS
COURT

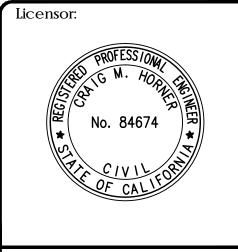
GREENWOOD, CA 95635





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AT&T SITE NO:	CVL03061
PROJECT NO:	13787674
DRAWN BY:	CES
CHECKED BY:	CES

0	05/26/17	ZD 90% PRELIMINARY
0	06/01/17	ZD 100% PRELIMINAR
REV	DATE	DESCRIPTION



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.

Engineer

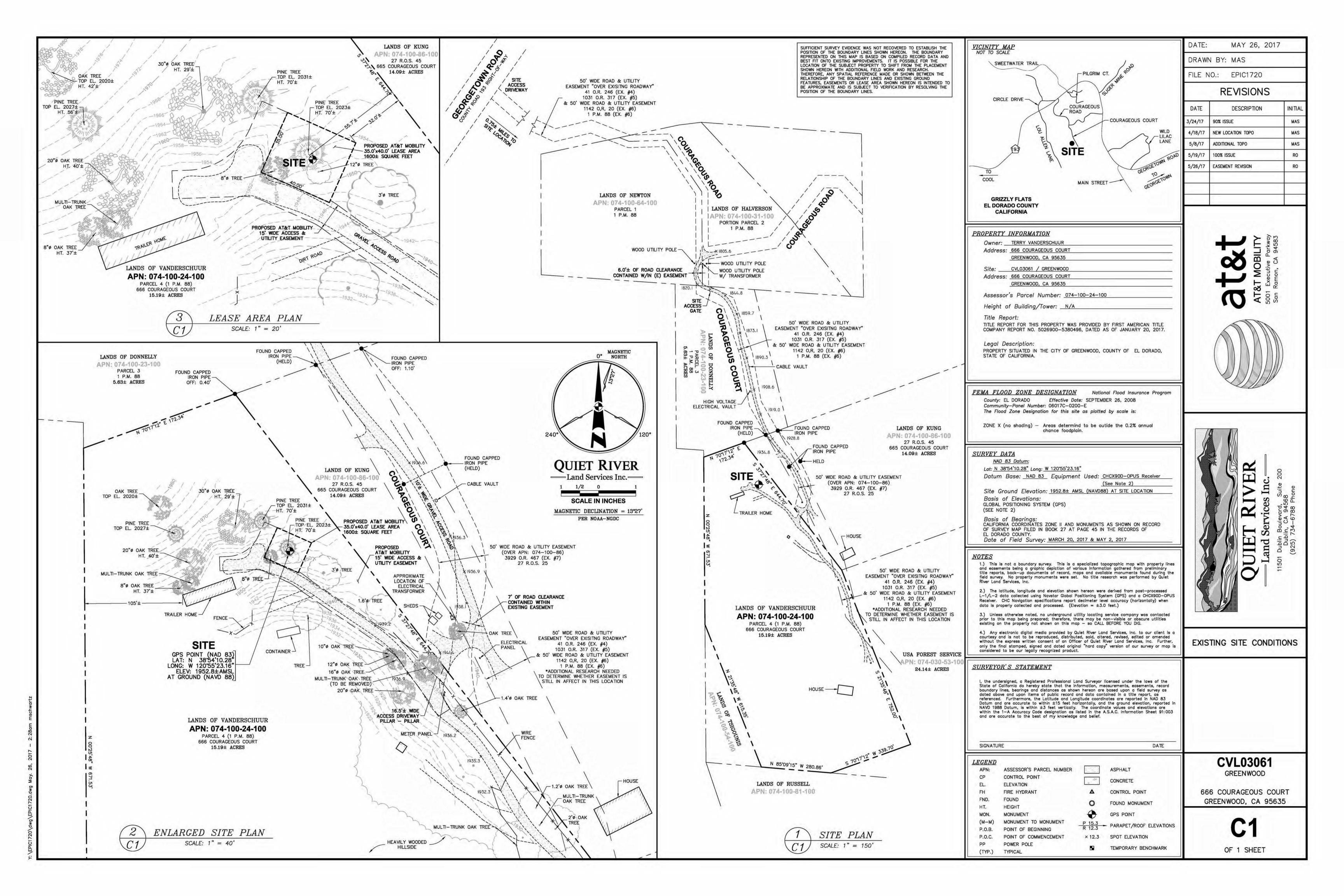
ADAPTIVE RE-USE ENGINEERING Craig Horner, PE 84674 214-407-3184 3112 LEATHA WAY SACRAMENTO, CA 95821 craigmhorner@yahoo.com

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1



GENERAL CONSTRUCTION NOTES:

- 1. PLANS ARE INTENDED TO BE DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED OTHERWISE. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- 2. THE CONTRACTOR SHALL OBTAIN, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
- 3. CONTRACTOR SHALL CONTACT USA (UNDERGROUND SERVICE ALERT) AT (800) 227–2600, FOR UTILITY LOCATIONS, 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION. SITE WORK OR CONSTRUCTION.
- 4. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
- 5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CBC/UBC'S REQUIREMENTS REGARDING EARTHQUAKE RESISTANCE, FOR, BUT NOT LIMITED TO, PIPING, LIGHT FIXTURES, CEILING GRID, INTERIOR PARTITIONS, AND MECHANICAL EQUIPMENT. ALL WORK MUST COMPLY WITH LOCAL EARTHQUAKE CODES AND REGULATIONS.
- 6. REPRESENTATIONS OF TRUE NORTH, OTHER THAN THOSE FOUND ON THE PLOT OF SURVEY DRAWINGS, SHALL NOT BE USED TO IDENTIFY OR ESTABLISH BEARING OF TRUE NORTH AT THE SITE. THE CONTRACTOR SHALL RELY SOLELY ON THE PLOT OF SURVEY DRAWING AND ANY SURVEYOR'S MARKINGS AT THE SITE FOR THE ESTABLISHMENT OF TRUE NORTH, AND SHALL NOTIFY THE ARCHITECT / ENGINEER PRIOR TO PROCEEDING WITH THE WORK IF ANY DISCREPANCY IS FOUND BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND THE TRUE NORTH ORIENTATION AS DEPICTED ON THE CIVIL SURVEY. THE CONTRACTOR SHALL ASSUME SOLE LIABILITY FOR ANY FAILURE TO NOTIFY THE ARCHITECT / ENGINEER.
- 7. THE BUILDING DEPARTMENT ISSUING THE PERMITS SHALL BE NOTIFIED AT LEAST TWO WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORK, OR AS OTHERWISE STIPULATED BY THE CODE ENFORCEMENT OFFICIAL HAVING JURISDICTION.
- 8. DO NOT EXCAVATE OR DISTURB BEYOND THE PROPERTY LINES OR LEASE LINES, UNLESS OTHERWISE NOTED.
- 9. ALL EXISTING UTILITIES, FACILITIES, CONDITIONS, AND THEIR DIMENSIONS SHOWN ON THE PLAN HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ARCHITECT / ENGINEER AND THE OWNER ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR THE ACCURACY OF THE INFORMATION SHOWN ON THE PLANS, OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTORS SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL EXISTING UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTORS SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING EXISTING UTILITIES.
- 10. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, BOTH HORIZONTAL AND VERTICALLY, PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHOULD BE IMMEDIATELY REPORTED TO THE ARCHITECT / ENGINEER FOR RESOLUTION AND INSTRUCTION, AND NO FURTHER WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ARCHITECT / ENGINEER. FAILURE TO SECURE SUCH INSTRUCTION MEANS CONTRACTOR WILL HAVE WORKED AT HIS/HER OWN RISK AND EXPENSE.
- 11. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH ELEVATIONS PRIOR TO FINAL INSPECTION OF WORK.
- 12. ANY DRAIN AND/OR FIELD TILE ENCOUNTERED / DISTURBED DURING CONSTRUCTION SHALL BE RETURNED TO IT'S ORIGINAL CONDITION PRIOR TO COMPLETION OF WORK. SIZE, LOCATION AND TYPE OF ANY UNDERGROUND UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON "AS-BUILT" DRAWINGS BY GENERAL CONTRACTOR, AND ISSUED TO THE ARCHITECT / ENGINEER AT COMPLETION OF PROJECT.
- 13. ALL TEMPORARY EXCAVATIONS FOR THE INSTALLATION OF FOUNDATIONS, UTILITIES, ETC., SHALL BE PROPERLY LAID BACK OR BRACED IN ACCORDANCE WITH CORRECT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.
- 14. INCLUDE MISC. ITEMS PER AT&T SPECIFICATIONS

APPLICABLE CODES, REGULATIONS AND STANDARDS:

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION.

THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:

- -AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
- -AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, NINTH EDITION
- -TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-G, STRUCTURAL STANDARD FOR STRUCTURAL ANTENNA TOWER AND ANTENNA SUPPORTING
- -INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM IEEE 1100 (1999) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRICAL
- SURFACE POTENTIALS OF A GROUND SYSTEM IEEE 1100 (1999) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRICAL EQUIPMENT.
- -IEEE C62.41, RECOMMENDED PRACTICES ON SURGE VOLTAGES IN LOW VOLTAGE AC POWER CIRCUITS (FOR LOCATION CATEGORY "C3" AND "HIGH SYSTEM EXPOSURE")

TIA 607 COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS TELCORDIA GR-63 NETWORK

EQUIPMENT-BUILDING SYSTEM (NEBS): PHYSICAL PROTECTION TELCORDIA GR-347 CENTRAL OFFICE POWER WIRING

TELCORDIA GR-347 CENTRAL OFFICE POWER WIRING
TELCORDIA GR-1275 GENERAL INSTALLATION REQUIREMENTS

TELCORDIA GR-1503 COAXIAL CABLE CONNECTIONS

ANY AND ALL OTHER LOCAL & STATE LAWS AND REGULATIONS

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

ABBREVIATIONS ANCHOR BOLT ISOLATED COPPER GROUND BUS ICGB. ABV. above ACCA ANTENNA CABLE COVER ASSEMBLY IN. (ADD'L ADDITIONAL INTERIOR A.F.F. ABOVE FINISHED FLOOR LB.(#) POUND(S) A.F.G. ABOVE FINISHED GRADE LAG BOLTS ALUM. ALUMINUM LINEAR FEET (FOOT) ALTERNATE LONG(ITUDINAL) antenna MASONRY APPRX. APPROXIMATE(LY) MAXIMUM ARCH. ARCHITECT(URAL) MACHINE BOLT AWG. AMERICAN WIRE GAUGE **MECHANICAL** BLDG. BUILDING MANUFACTURER BLK. BLOCK MINIMUM BLKG. **MISCELLANEOUS** BLOCKING METAL BOUNDARY NAILING NEW BTCW. BARE TINNED COPPER WIRE NUMBER B.O.F. BOTTOM OF FOOTING NOT TO SCALE B/U BACK-UP CABINET ON CENTER ĆAB. OPENING CANT. CANTILEVER(ED) PROPOSED C.I.P. CAST IN PLACE PRECAST CONCRETE CLG. CEILING PERSONAL COMMUNICATION SERVICES CLR. CLEAR COL. COLUMN POWER PROTECTION CABINET CONC. CONCRETE PRIMARY RADIO CABINET CONN. CONNECTION(OF POUNDS PER SQUARE FOOT CONST. CONSTRUCTION POUNDS PER SQUARE INCH CONT. CONTINUOUS PRESSURE TREATED PENNY (NAILS) POWER (CABINET) DOUBLE ` QTY. QUANTITY DEPARTMENT RADIUS DOUGLAS FIR REFERENCE DIAMETER REINF. REINFORCEMENT(ING) DIAGONAL REQ'D/ REQUIRED DIMENSION RGS. RIGID GALVANIZED STEEL DWG. DRAWING(S) SCH. SCHEDULE DOWEL(S) EACH SIMII AR ELEVATION SPECIFICATIONS ELEC. ELECTRICAL SQ. S.S. STD. ELEV. ELEVATOR STAINLESS STEEL ELECTRICAL METALLIC TUBING STANDARD EDGE NAIL STL. **ENGINEER** STRUC. STRUCTURAL EQUAL TEMP. **TEMPORARY EXPANSION** THICK(NESS) EXST.(E) **EXISTING** TOE NAIL EXTERIOR TOP OF ANTENNA **FUTURE** TOP OF CURB T.O.F. FABRICATION(OR) TOP OF FOUNDATION FINISH FLOOR T.O.P. TOP OF PLATE (PARAPET) F.G. FINISH GRADE T.O.S. TOP OF STEEL FINISH(ED) T.O.W. TOP OF WALL FLR. FLOOR FDN. FOUNDATION UNDER GROUND F.O.C. FACE OF CONCRETE UNDERWRITERS LABORATORY F.O.M. FACE OF MASONRY UNLESS NOTED OTHERWISE F.0.S. FACE OF STUD VERIFY IN FIELD F.O.W. FACE OF WALL WIDE (WIDTH) F.S. FINISH SURFACE FT.(' FOOT (FEET) FOOTING **WEATHERPROOF** GROWTH (CABINET WEIGHT GAUGE CENTERLINE GALVANIZE(D) PLATE, PROPERTY LINE GROUND FÀULT CIRCUIT INTERRUPTER GLB. (GLU-LAM) GLUE LAMINATED BEAM GLOBAL POSITIONING SYSTEM GRND. GROUND HEADER HDR. HANGER SYMBOLS LEGEND GROUT OR PLASTER (P) ANTENNA (P) RRU BLDG. SECTION (E) BRICK ROAD SECTION (P) DC SURGE SUPPRESSION (E) MASONRY (F) ANTENNA WALL SECTION CONCRETE (F) RRU (E) EQUIPMENT GRAVEL DETAIL PLYW00D SAND ELEVATION PLYWOOD SAND (E) STEEL (001) DOOR SYMBOL MATCH LINE $\langle 10 \rangle$ GROUND CONDUCTOR WINDOW SYMBOL OVERHEAD SERVICE CONDUCTORS TILT-UP PANEL MARK —— TELCO —— TELEPHONE CONDUIT PROPERTY LINE ----- POWER -----POWER CONDUIT ——— — CENTERLINE POWER/TELCO CONDUIT — ELEVATION DATUM ———— CDAX ———— COAXIAL CABLE ——— HYBRID ——— HYBRID CABLE GRID/COLUMN LINE CHAIN LINK FENCE KEYNOTE, DIMENSION WOOD FENCE KEYNOTE. EXISTING FLOW LINE CONSTRUCTION ITEM NEW FLOW LINE WALL TYPE MARK FIBER ROLL SILT FENCE OFFICE ROOM NAME ROOM NUMBER 101

Issued For:

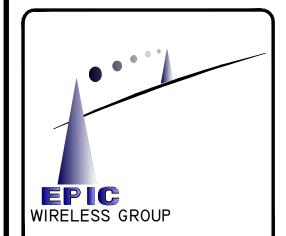
GREENWOOD

666 COURAGEOUS COURT

GREENWOOD, CA 95635

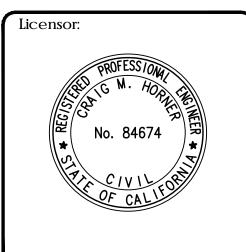


2600 Camino Ramon, 4W850 N San Ramon, California 94583



AT&T SITE NO:	CVL03061
PROJECT NO:	13787674
DRAWN BY:	CES
CHECKED BY:	CES

0	05/26/17	ZD 90% PRELIMINARY
0	06/01/17	ZD 100% PRELIMINARY
REV	DATE	DESCRIPTION



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.

Engineer:

ADAPTIVE RE-USE
ENGINEERING
Craig Horner, PE 84674
214-407-3184
3112 LEATHA WAY
SACRAMENTO, CA 95821
craigmhorner@yahoo.com

SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

GN-1

BEST MANAGEMENT	LOCATION	SCHEDULE	MAINTENANCE
PRACTICES		IMPLEMENTATION	SCHEDULE
PRESERVING EXISTING VEGETATION	AROUND PERIMETER OF PROJECT SITE	CONTINUOUS UNTIL CONSTRUCTION IS COMPLETED	EDUCATE EMPLOYEES AND SUBCONTRACTORS REGARDING IMPORTANCE OF MAINTAINING EXISTING VEGETATION TO PREVENT EROSION AND FILTER OUT SEDIMENT IN RUNOFF FROM DISTURBED AREAS ON THE CONSTRUCTION SITE. INSPECT SITE PERIMETER MONTHLY TO VERIFY THE OUTSIDE VEGETATION IS NOT DISTURBED.
PROTECT GRADED AREAS AND SLOPES FROM WASHOUT AND EROSION	THROUGHOUT PROJECT SITE	CONTINUOUS	INSPECT GRADED AREAS AND SLOPES ON AT LEAST A MONTHLY BASIS TO CHECK FOR EROSION. THE GRADE TRIBUTARY AREAS OR INSTALL SAND DIKES AS NECESSARY TO PREVENT EROSION.
GRAVEL FILTER	ALONG FLOW LINES OF UNPAVED ROADWAYS WITHIN SITE	IN PLACE CONTINUOUSLY UNTIL ROADWAYS ARE PAVED	INSPECT AFTER EACH STORM. REMOVE ONSITE SEDIMENT DEPOSITED BEHIND BERM OR BARRIER TO MAINTAIN EFFECTIVENESS.
BAG INLET FILTER	INLETS TO THE STORM DRAINAGE SYSTEM	CONTINUOUS UNTIL LANDSCAPING IS IN PLACE	INSPECT WEEKLY AND AFTER EACH STORM. REMOVE SEDIMENT AND DEBRIS BEFORE ACCUMULATION HAVE REACHED ONE THIRD THE DEPTH OF THE BAG. REPAIR OR REPLACE INLET FILTER BAG AS SOON AS DAMAGE OCCURS.
FIBER ROLLS	SEE NOTE 3 OF EROSION & CONTROL NOTES	CONTINUOUS	INSPECT AFTER EACH STORM. REMOVE SEDIMENT DEPOSITED BEHIND FIBER ROLLS WHENEVER NECESSARY TO MAINTAIN EFFECTIVENESS.
HYDROSEEDING	3:1 SLOPES	IN PLACE DURING BY SEPT. 15	INSPECT SLOPES ON AT LEAST A MONTHLY BASIS TO CHECK FOR EROSION. IF EROSION IS NOTED, SPREAD STRAW MULCH OVER AFFECTED AREAS.
STABILIZED CONSTRUCTION ENTRANCE	ENTRANCES TO SITE FROM PUBLIC ROADWAYS	CONTINUOUS, UNTIL ENTRANCES AND ONSITE ROADWAYS ARE PAVED	INSPECT ON A MONTHLY BASIS AND AFTER EACH RAINFALL. ADD AGGREGATE BASE MATERIAL WHENEVER NECESSARY TO PREVENT SEDIMENT FROM BEING TRACKED INTO PUBLIC STREET.
WIND EROSION CONTROL PRACTICES	WHEREVER NECESSARY THROUGHOUT PROJECT SITE	CONTINUOUS UNTIL GRADING IS COMPLETED AND SOILS HAVE STABILIZED	INSPECT SITE DURING WINDY CONDITIONS TO IDENTIFY AREAS WHERE WIND AND EROSION IS OCCURRING AND ABATE EROSION AS NECESSARY.
GOOD HOUSEKEEPING MEASURES	THROUGHOUT PROJECT SITE	CONTINUOUS UNTIL CONSTRUCTION IS COMPLETED	INSPECT SITE ON AT LEAST A MONTHLY BASIS TO VERIFY GOOD HOUSEKEEPING PRACTICES ARE BEING IMPLEMENTED.
PROPER CONSTRUCTION MATERIAL STORAGE	DESIGNATED AREA	CONTINUOUS UNTIL CONSTRUCTION IS COMPLETED	INSPECT SITE ON AT LEAST A WEEKLY BASIS TO VERIFY THAT CONSTRUCTION MATERIALS ARE STORED IN A MANNER WHICH COULD NOT CAUSE STORM WATER POLLUTION.
ROPER CONSTRUCTION ASTE STORAGE AND ISPOSAL INCLUDING	DESIGNATED COLLECTION AREA AND CONTAINERS	CONTINUOUS UNTIL CONSTRUCTION IS COMPLETED	INSPECT SITE ON AT LEAST A WEEKLY BASIS TO ASSURE WASTE IS STORED PROPERLY AND DISPOSED OF AT LEGAL DISPOSAL SITE, DAILY.
CONCRETE SPILL CLEANUP PAINT & PAINTING SUPPLIES	MATERIAL HANDLING AREAS	IMMEDIATELY AT TIME OF SPILL	INSPECT MATERIAL HANDLING AREAS ON AT LEAST A MONTHLY BASIS TO VERIFY PROPER SPILL CLEANUP.
VEHICLE FUELING, MAINTENANCE & CLEANING	DESIGNATED AREA WITH SECONDARY CONTAINMENT	CONTINUOUS	KEEP AMPLE SUPPLIES OF SPILL CLEANUP MATERIALS ON SITE & INSPECT ON REGULAR SCHEDULE.
STREET AND STORM DRAINAGE FACILITY MAINTENANCE DEFINITIONS	STREETS AND STORM DRAINAGE FACILITIES	CONTINUOUS UNTIL CONSTRUCTION IS COMPLETED	MAINTAIN STORM DRAINAGE FACILITIES AND PAVED STREETS CLEAR OF SEDIMENT AND DEBRIS.

WET SEASON: ENTIRE PERIOD BETWEEN OCTOBER 1 THROUGH APRIL 30. CONTRACTOR SHALL ALSO IMPLEMENT WET SEASON MEASURES IF WET WEATHER IS EXPECTED DURING THE DRY SEASON . PHASES OF GRADING

INITIAL: WHEN CLEARING AND GRUBBING ACTIVITIES OCCUR.

ROUGH: WHEN CUT AND FILL ACTIVITIES OCCUR AND THE SITE IMPROVEMENTS ARE CONSTRUCTED, INCLUDING UNDERGROUND PIPING, STREETS, SIDEWALKS, AND OTHER IMPROVEMENTS.

WHEN FINAL ELEVATION IS SET, AND SITE IMPROVEMENTS ARE COMPLETED AND READY FOR CITY ACCEPTANCE.

FIBER ROLL NOTES:

- REPAIR OR REPLACE SPLIT, TORN UNRAVELING OR SLUMPING FIBER ROLLS. FIBER ROLLS TO BE STAKED 4' O.C. PARALLEL TO (E) CONTOURS.
- . INSPECT FIBER ROLLS WHEN RAIN IS FORECAST, DURING AND FOLLOWING RAIN EVENTS, AT LEAST DAILY DURING PROLONGED RAINFALL. FOR SPECIFIC MONITORING INTERVALS REFER TO THE CURRENT VERSION OF STORM WATER "BMP" MANUAL FOR DURING THE NON-RAINY SEASON.
- SEDIMENT SHOULD BE REMOVED WHEN SEDIMENT ACCUMULATION REACHES ONE—HALF THE DESIGNATED SEDIMENT STORAGE DEPTH. USUALLY ONE-HALF THE DISTANCE BETWEEN THE TOP OF THE FIBER ROLL AND THE ADJACENT GROUND SURFACE. SEDIMENT REMOVED DURING MAINTENANCE MAY BE INCORPORATED INTO THE EARTHWORK ON THE SITE OR DISPOSED AT AN APPROPRIATE LOCATION.
- . FILTER BARRIER SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND ACROSS THE EXPECTED FLOW PATH AND AS APPROVED BY THE LANDSCAPE INSPECTOR.

CONSTRUCTION EROSION/SEDIMENTATION CONTROL PLAN NOTES:

- THE CONTRACTOR SHALL FOLLOW TYPICAL GUIDELINES FOR GRADING, EROSION AND SEDIMENT CONTROL FOR THE MEASURES SHOWN OR STATED ON THESE PLANS.
- CONTRACTOR MUST ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE ONSET OF ANY STORM. CONTRACTOR SHALL HAVE ALL EROSION AND SEDIMENT CONTROL MEASURES IN PLACE FOR THE WINTER MONTHS PRIOR TO OCTOBER 1.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE DEPARTMENT OF UTILITIES.
- THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS MAY BE MADE TO THE PLAN IN THE FIELD SUBJECT TO THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE DEPARTMENT OF UTILITIES.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED BEFORE DURING AND AFTER ALL STORMS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY. REFER TO CURRENT VERSION OF STORMWATER "BMP" MANUAL FOR SPECIFIC SCHEDULE PER SITE CONDITIONS.
- CONTRACTOR SHALL MAINTAIN A LOG AT THE SITE OF ALL INSPECTIONS OR MAINTENANCE OF BMPS, AS WELL AS, ANY CORRECTIVE CHANGES TO THE BMPS OR EROSION AND SEDIMENT CONTROL PLAN.
- IN AREAS WHERE SOIL IS EXPOSED, PROMPT REPLANTING WITH NATIVE COMPATIBLE, DROUGHT-RESISTANT VEGETATION SHALL BE PERFORMED. NO AREAS WILL BE LEFT EXPOSED OVER THE WINTER SEASON.
- THE CONTRACTOR SHALL INSTALL A STABILIZED CONSTRUCTION ENTRANCE PRIOR TO COMMENCEMENT OF CONSTRUCTION WHEN APPLICABLE FOR SITES NOT ACCESSIBLE BY COMMERCIALLY PREPARED ACCESSES. LOCATION OF THE ENTRANCE MAY BE ADJUSTED BY THE CONTRACTOR TO FACILITATE CONSTRUCTION OPERATIONS. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCE. THE STABILIZED CONSTRUCTION ENTRANCE (WHEN APPLICABLE) SHALL REMAIN IN PLACE UNTIL THE CONSTRUCTION IS COMPLETE.
- ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE SWEPT AT THE END OF EACH WORKING DAY OR AS NECESSARY
- 10. CONTRACTOR SHALL PLACE GRAVEL BAGS AROUND ALL NEW DRAINAGE STRUCTURE OPENINGS IMMEDIATELY AFTER THE STRUCTURE OPENING IS CONSTRUCTED. THESE GRAVEL BAGS SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED
- 11. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- 12. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
- 13. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
- 14. CONTRACTOR SHALL IMPLEMENT HOUSEKEEPING PRACTICES AS FOLLOWS:

A. SOLID WASTE MANAGEMENT:

PROVIDE DESIGNATED WASTE COLLECTION AREAS AND CONTAINERS. ARRANGE FOR REGULAR REMOVAL AND DISPOSAL. CLEAR SITE OF TRASH INCLUDING ORGANIC DEBRIS, PACKAGING MATERIALS, SCRAP OR SURPLUS BUILDING MATERIALS AND DOMESTIC WASTE DAILY.

B. MATERIAL DELIVERY AND STORAGE:

- PROVIDE A DESIGNATED MATERIAL STORAGE AREA WITH SECONDARY CONTAINMENT SUCH AS BERMING. STORE MATERIAL ON PALLETS AND PROVIDE COVERING FOR SOLUBLE MATERIALS. RELOCATE STORAGE AREA INTO BUILDING SHELL WHEN POSSIBLE. INSPECT AREA DAILY
- C. CONCRETE WASTE: PROVIDE A DESIGNATED AREA FOR A TEMPORARY PIT TO BE USED FOR CONCRETE TRUCK WASH-OUT. DISPOSE OF HARDENED CONCRETE OFFSITE. AT NO TIME SHALL A CONCRETE TRUCK DUMP ITS WASTE AND CLEAN ITS TRUCK INTO THE CITY STORM DRAINS VIA CURB AND GUTTER. INSPECT DAILY TO CONTROL RUNOFF, AND WEEKLY FOR REMOVAL OF HARDENED
- D. PAINT AND PAINTING SUPPLIES: PROVIDE INSTRUCTION TO EMPLOYEES AND SUBCONTRACTORS REGARDING
- REDUCTION OF POLLUTANTS INCLUDING MATERIAL STORAGE, USE, AND CLEAN UP. INSPECT SITE DAILY FOR EVIDENCE OF IMPROPER DISPOSAL. E. VEHICLE FUELING, MAINTENANCE AND CLEANING:
- PROVIDE A DESIGNATED FUELING AREA WITH SECONDARY CONTAINMENT SUCH AS BERMING. DO NOT ALLOW MOBILE FUELING OF EQUIPMENT. PROVIDE EQUIPMENT WITH DRIP PANS. RESTRICT ONSITE MAINTENANCE AND CLEANING OF EQUIPMENT TO A MINIMUM. INSPECT AREA DAILY.
- F. HAZARDOUS WASTE MANAGEMENT: PREVENT THE DISCHARGE OF POLLUTANTS FROM HAZARDOUS WASTES TO THE DRAINAGE SYSTEM THROUGH PROPER MATERIAL USE, WASTE DISPOSAL AND TRAINING OF EMPLOYEES. HAZARDOUS WASTE PRODUCTS COMMONLY FOUND ON-SITE INCLUDE BUT ARE NOT LIMITED TO PAINTS & SOLVENTS, PETROLEUM PRODUCTS, FERTILIZERS, HERBICIDES & PESTICIDES, SOIL STABILIZATION PRODUCTS, ASPHALT PRODUCTS AND CONCRETE CURING PRODUCTS.
- 15. USE "BMP'S" AT ALL PHASES OF CONSTRUCTION.
- 16. GRAVEL BAGS WITH FIBER ROLLS/ SILT BARRIER AND OR BAG INLET FILTERS TO BE USED FOR INLET PROTECTION FROM CONSTRUCTION CONTAMINATES. CONTRACTOR TO FIELD IDENTIFY ALL CONDITIONS WHERE THIS MAY APPLY AND MAINTAIN DURING THE COURSE OF CONSTRUCTION. THIS SHALL APPLY TO THE LOCAL SITE ACTIVITY AS WELL AS ANY AREA TRAVELED EXTENDING TO THE POINT OF SITE ACCESS AND ONTO THE PUBLIC RIGHT OF WAYS. NO CONSTRUCTION DEBRIS MAY ENTER ANY STORM WATER DRAIN AT ANY TIME. THE CONTRACTOR SHALL IMPLEMENT MEASURES TO MONITOR THIS AT ALL TIMES DURING THE CONSTRUCTION PHASE.
- 17. ANY AN ALL STORED MATERIALS, INCLUDING BUT NOT LIMITED TO, EXCAVATED SOIL, IMPORTED ROCK, SAND OR GRAVEL, PAINT, CONCRETE, WOOD, METAL, OR CONTAMINATED WATER SHALL BE STORED PROPERLY TO INSURE NO DISCHARGE OF CONTAMINATES.
- 18. REMOVE DIRT, DEBRIS AND WEEDS FROM PUBLIC SIDE WALK AREAS AND STORM DRAIN SYSTEMS AND ANY CONSTRUCTION MATERIALS OR DEBRIS TO AN APPROVED LOCATION AS ON A DAILY BASIS (OR AS DIRECTED BY THE CITY ENGINEER). A CONCRETE WASHOUT SHALL BE ONSITE AT ALL TIMES. CONTRACTOR TO FIELD VERIFY LOCATION, AND BEST METHOD TO PREVENT SPILLS AND DISCHARGE OF CONCRETE/ WATER CONTAMINANTS.
- 19. CONTRACTOR TO FIELD IDENTIFY "BMP"S (BEST MANAGEMENT PRACTICES) PER SITE CONDITIONS. AND REFER TO CURRENT VERSION OF STORMWATER "BMP" MANUAL FOR SPECIFIC SCHEDULES OR DETAILS NOT SPECIFIED IN THIS PLAN.

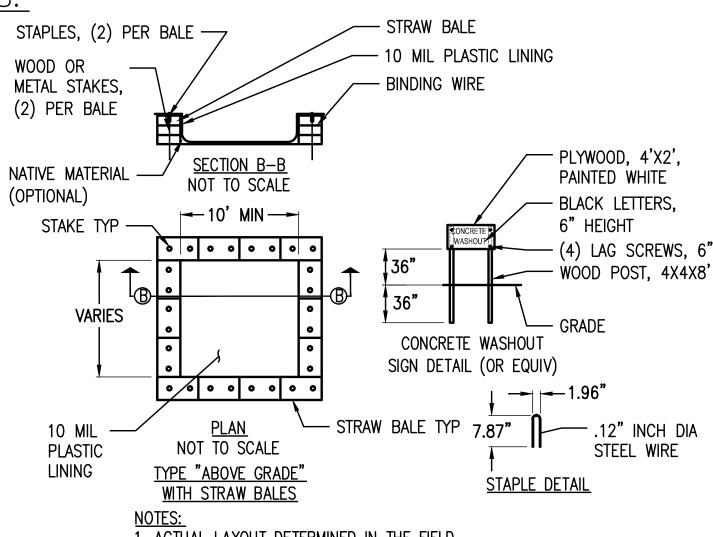
STORM WATER QUALITY NOTES:

- CONTRACTOR SHALL PROVIDE DRAIN INLET PROTECTION FOR ALL CATCH BASINS LOCATED IN THE VICINITY OF WORK. THIS INCLUDES ANY CATCH BASINS IN THE PUBLIC RIGHT-OF-WAY, AS (2) PER BALE WELL AS ANY ON-SITE CATCH BASINS ON PRIVATE PROPERTY.
- CONTRACTOR SHALL INSTALL A STABILIZED CONSTRUCTION ENTRANCE/EGRESS FROM PROJECT SITE TO PREVENT TRACK-OUT OF SEDIMENT ONTO THE PUBLIC RIGHT-OF WAY FROM CONSTRUCTION VEHICLES.
- 3. CONTRACTOR SHALL ENSURE THAT CONSTRUCTION ACTIVITIES DO NOT DEPOSIT SEDIMENT ONTO THE PUBLIC ROADWAY, SIDEWALKS AND GUTTERS. ALL SEDIMENT AND CONSTRUCTION DEBRIS MUST BE REMOVED BY THE END OF EACH WORKING DAY.
- CONTRACTOR SHALL USE STREET SWEEPING OR OTHER DRY SWEEPING METHOD, AS NECESSARY, TO REMOVE CONSTRUCTION OR DEMOLITION-RELATED SEDIMENT FROM PUBLIC
- SIDEWALKS, GUTTERS AND ROADWAY. CONTRACTOR SHALL SCHEDULE WORK FOR DRY-WEATHER DAYS WHEN NO RAIN IS IN THE
- IMMEDIATE FORECAST. 6. CONTRACTOR SHALL INSTALL AN APPROVED WASH-OUT STRUCTURE AT THE CONSTRUCTION SITE. ALL CONCRETE. PAINT. STUCCO AND OTHER LIQUIDS WILL BE WASHED OUT IN THIS AREA. 7. CONTRACTOR SHALL PROVIDE DUST CONTROL TO

PREVENT THE NUISANCE OF BLOWING DUST

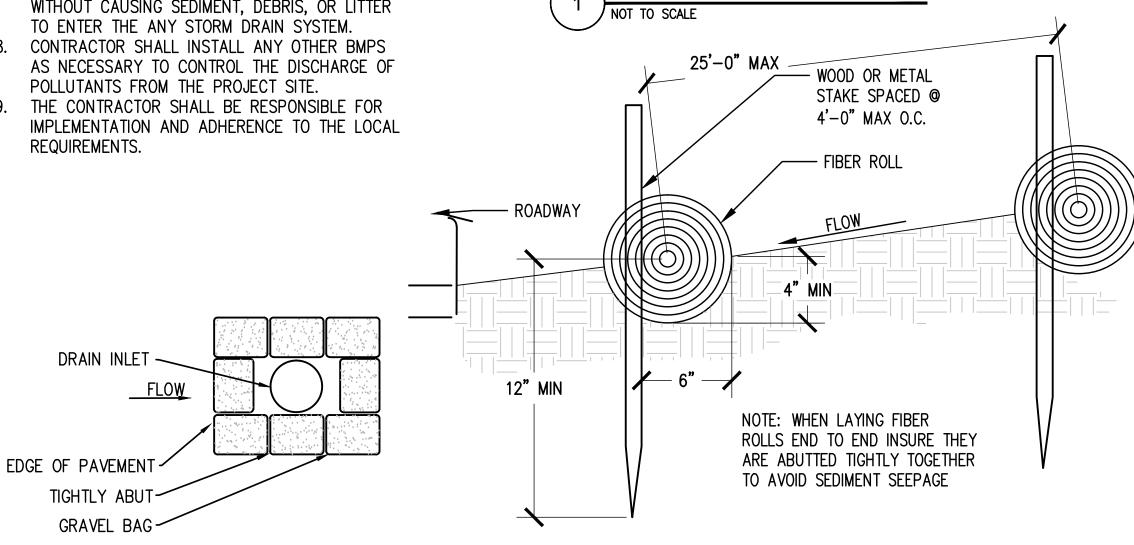
- WITHOUT CAUSING SEDIMENT, DEBRIS, OR LITTER TO ENTER THE ANY STORM DRAIN SYSTEM. CONTRACTOR SHALL INSTALL ANY OTHER BMPS AS NECESSARY TO CONTROL THE DISCHARGE OF
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION AND ADHERENCE TO THE LOCAL REQUIREMENTS.

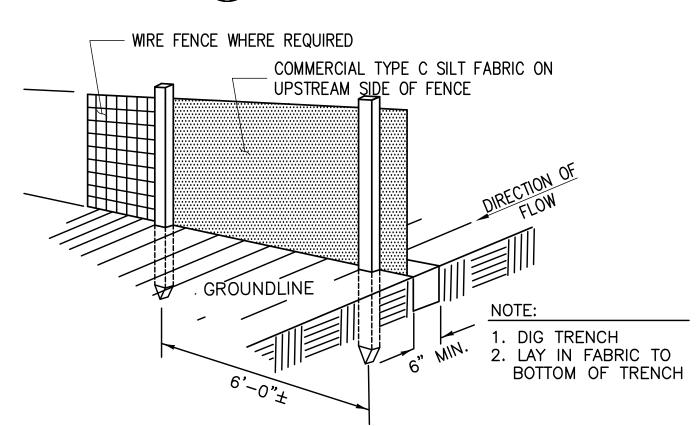
DRAIN INLET DETAIL



1. ACTUAL LAYOUT DETERMINED IN THE FIELD. 2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 32' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

CONCRETE WASHOUT DETAIL





√FIBER ROLL DETAIL

NOT TO SCALE

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- 1. WOVEN WIRE FENCE TO BE FASTENED SECURELY POSTS: STEEL EITHER T OR U TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED.
- 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULDGES" DEVELOP IN THE SILT FENCE.
- TYPE OR 4" HARDWOOD. MINIMUM LENGTH - 5 FEET
- FENCE: WOVEN WIRE, 14 GA. 6" MAX. MESH OPENING. AS DIRECTED BY MARYLAND DCR
- FILTER CLOTH: FILTER X, MIRAFI 100X' STABILINKA T140N OR APPROVED EQUAL.
- PREFABRICATED UNIT: GEOFAB. ENVIROFENCE OR APPROVED



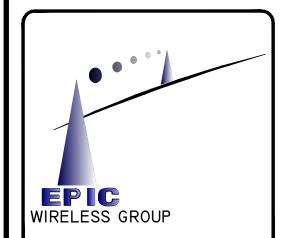
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666 COURAGEOUS

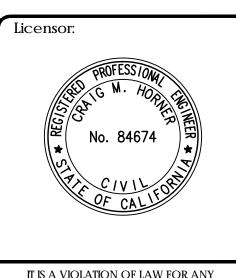
PREPARED FOR

2600 Camino Ramon, 4W850 N San Ramon, California 94583



AT&T SITE NO:	CVL03061
PROJECT NO:	13787674
DRAWN BY:	CES
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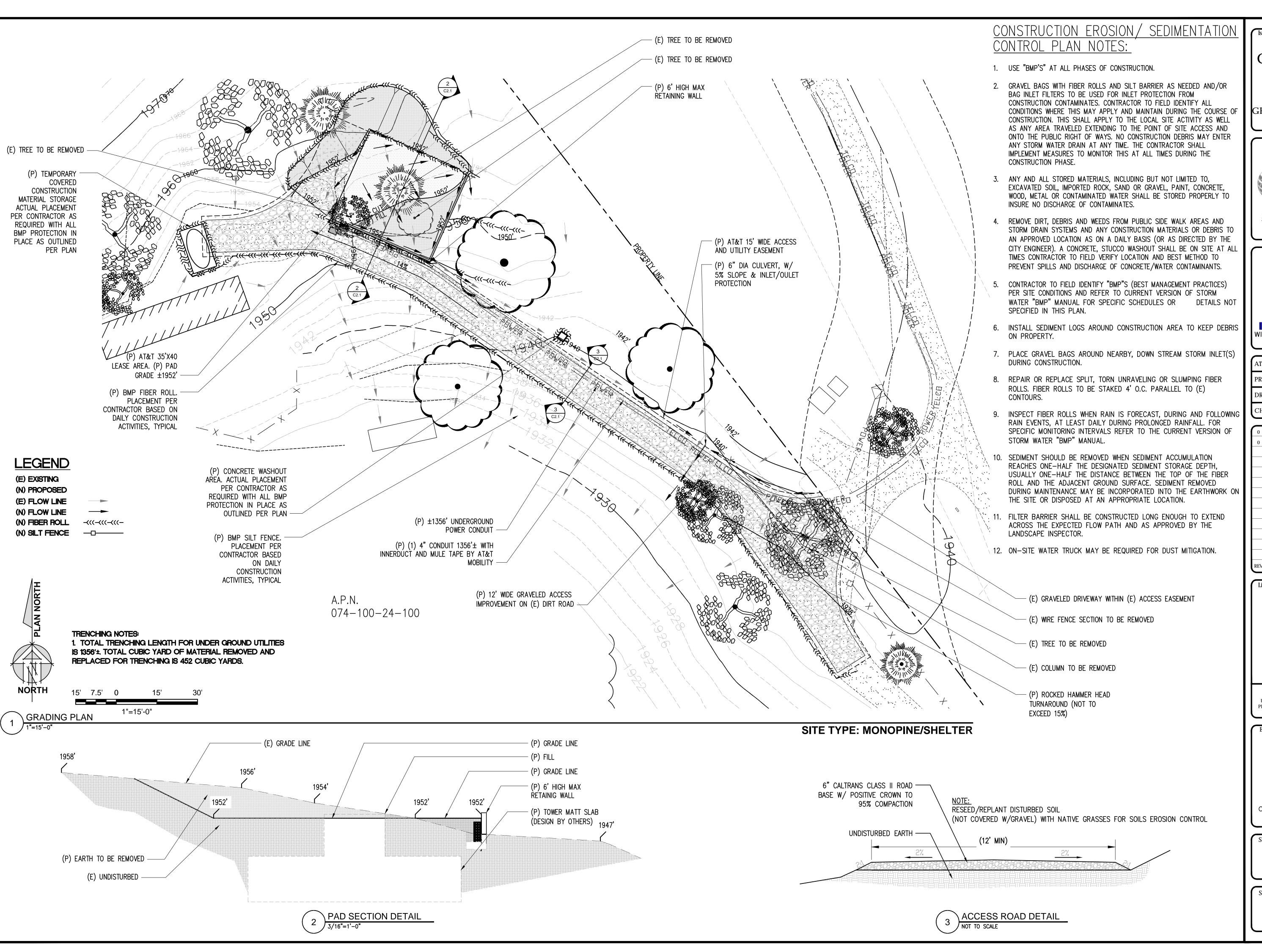
Engineer:

ADAPTIVE RE-USE ENGINEERING Craig Horner, PE 84674 214-407-3184 3112 LEATHA WAY SACRAMENTO, CA 9582 craigmhorner@yahoo.com

SHEET TITLE: **EROSION CONTROL**

NOTES

SHEET NUMBER:



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666 COURAGEOUS COURT

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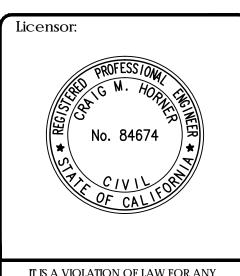


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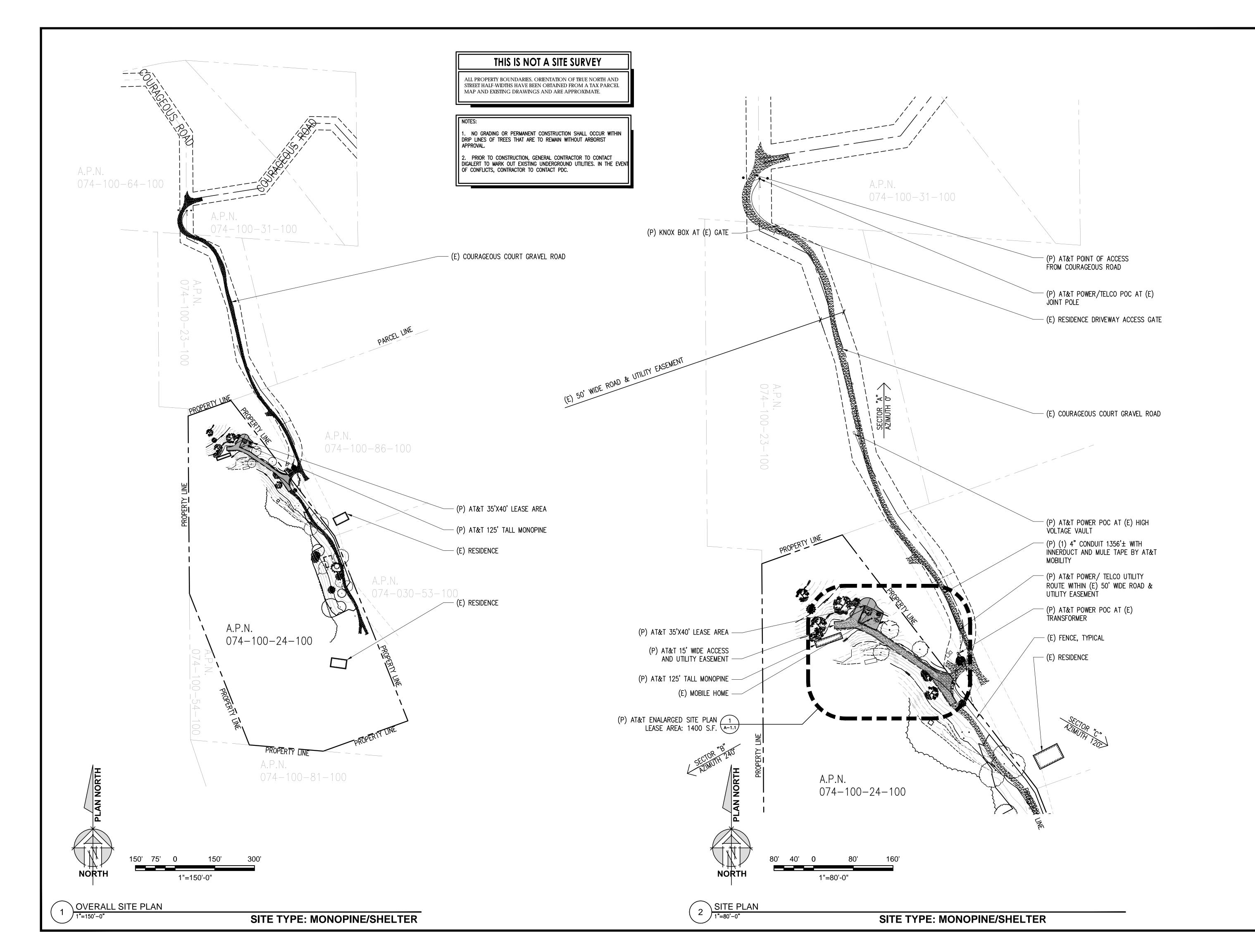
ADAPTIVE RE-USE
ENGINEERING
Craig Horner, PE 84674
214-407-3184
3112 LEATHA WAY
SACRAMENTO, CA 95821
craigmhorner@yahoo.com

SHEET TITLE:

GRADING PLAN AND DETAILS

SHEET NUMBER:

C-2.1



GREENWOOD

666 COURAGEOUS COURT

GREENWOOD, CA 95635

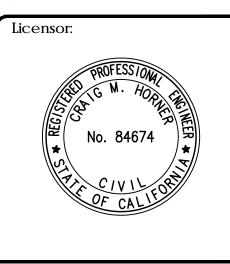


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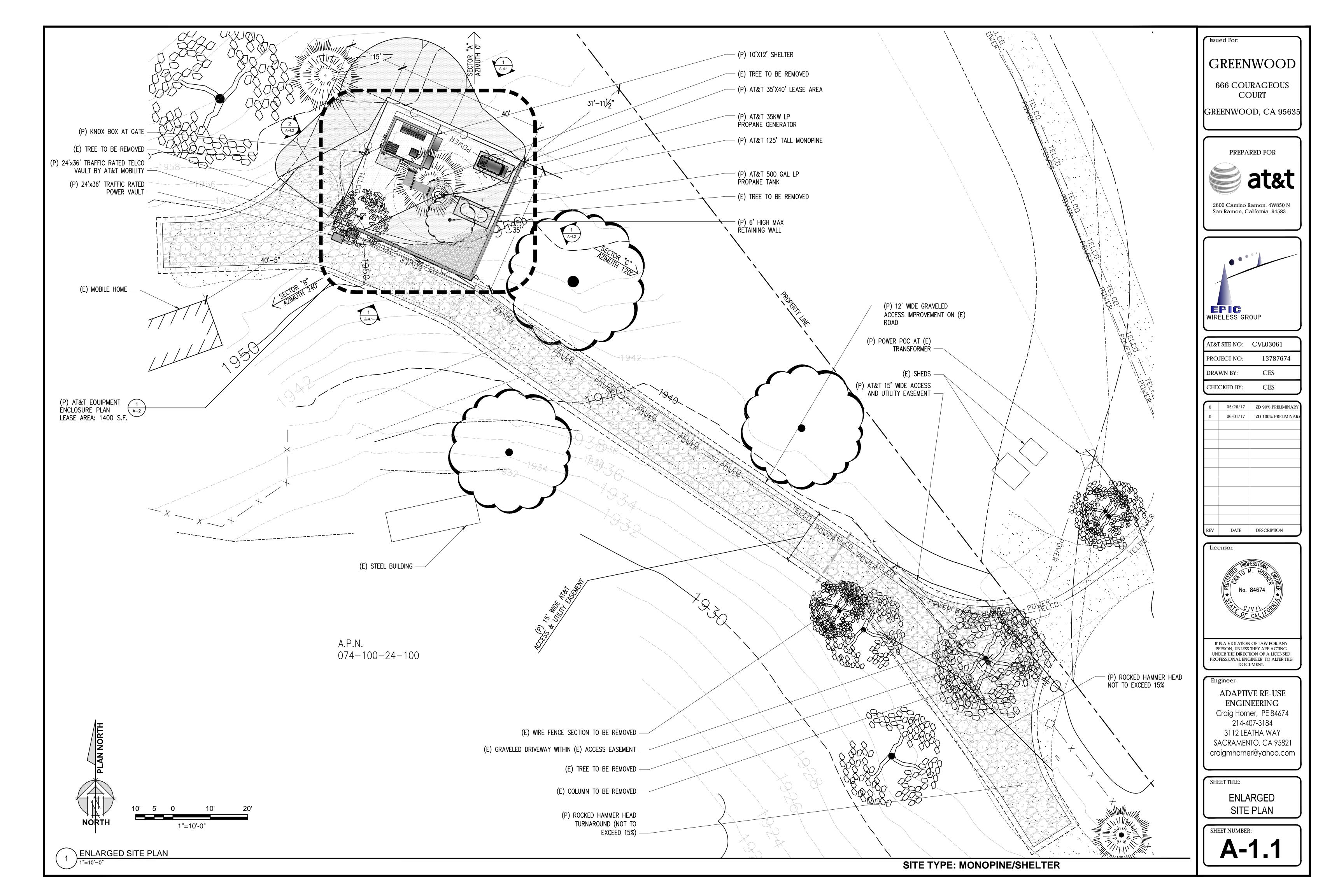
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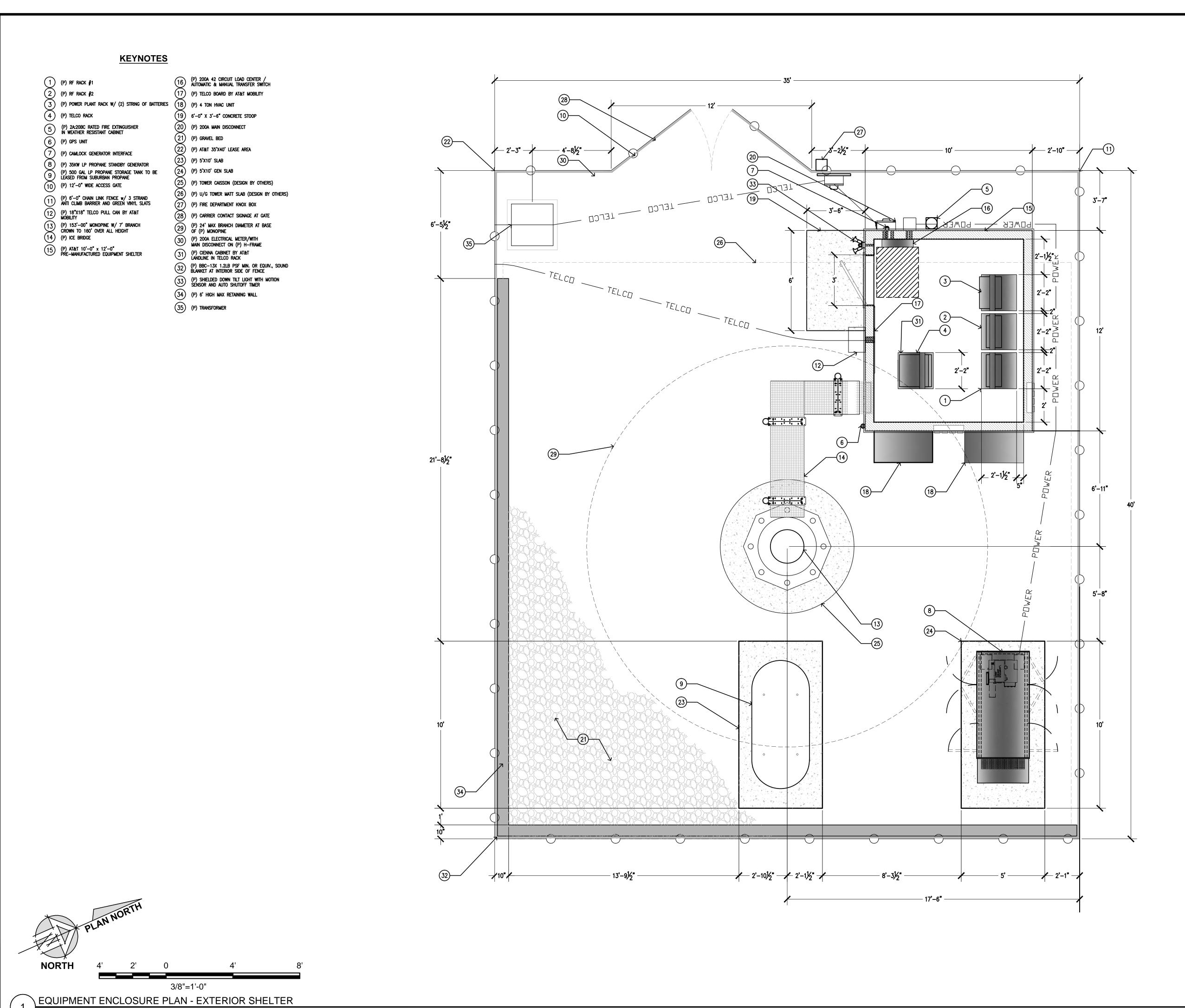
OVERALL SITE PLAN

SITE PLAN

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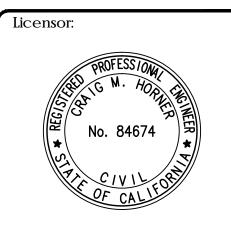
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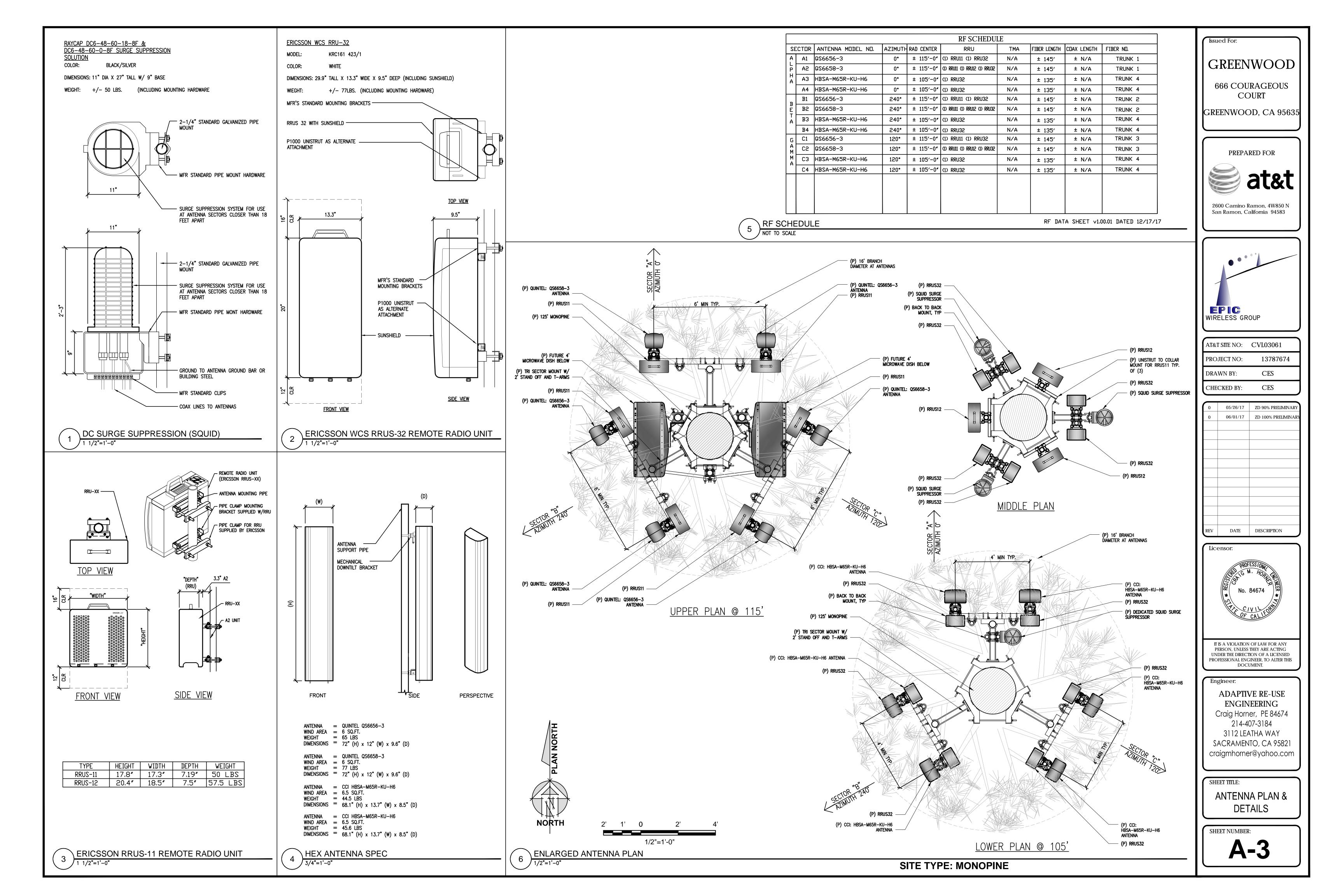
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EQUIPMENT AREA

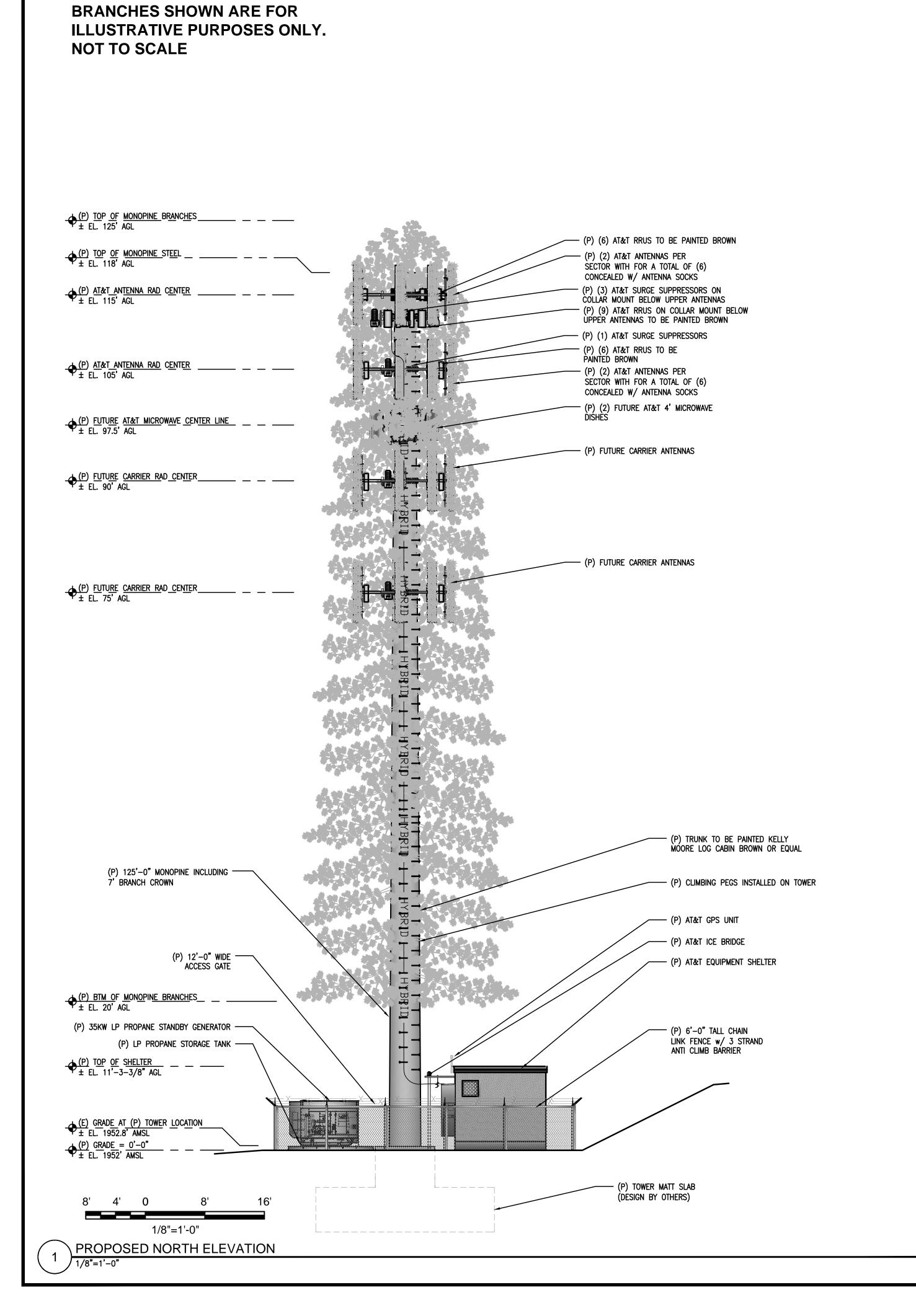
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PLAN

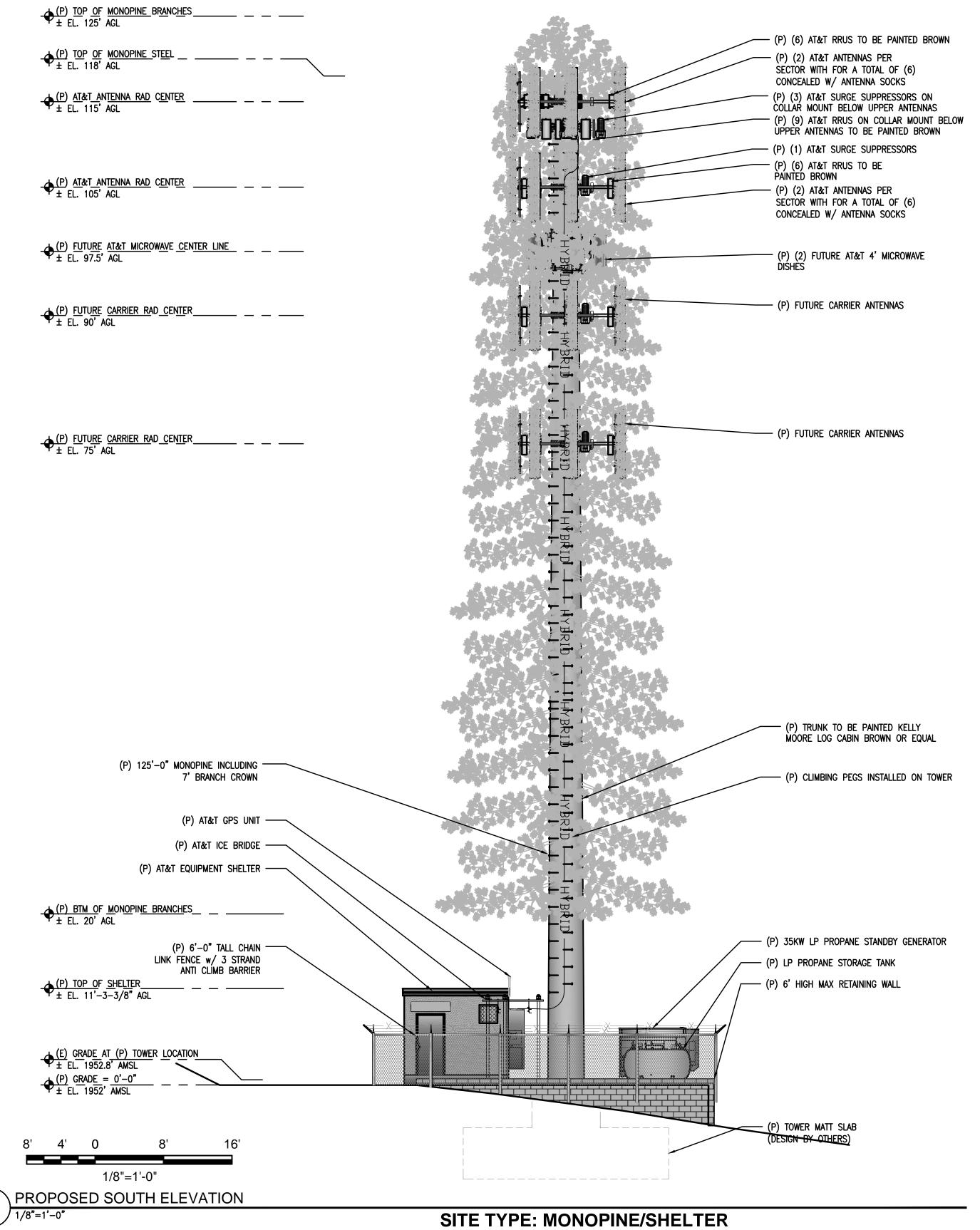
SITE TYPE: MONOPINE/SHELTER





NOTE:

NOTE:
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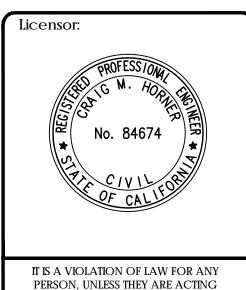


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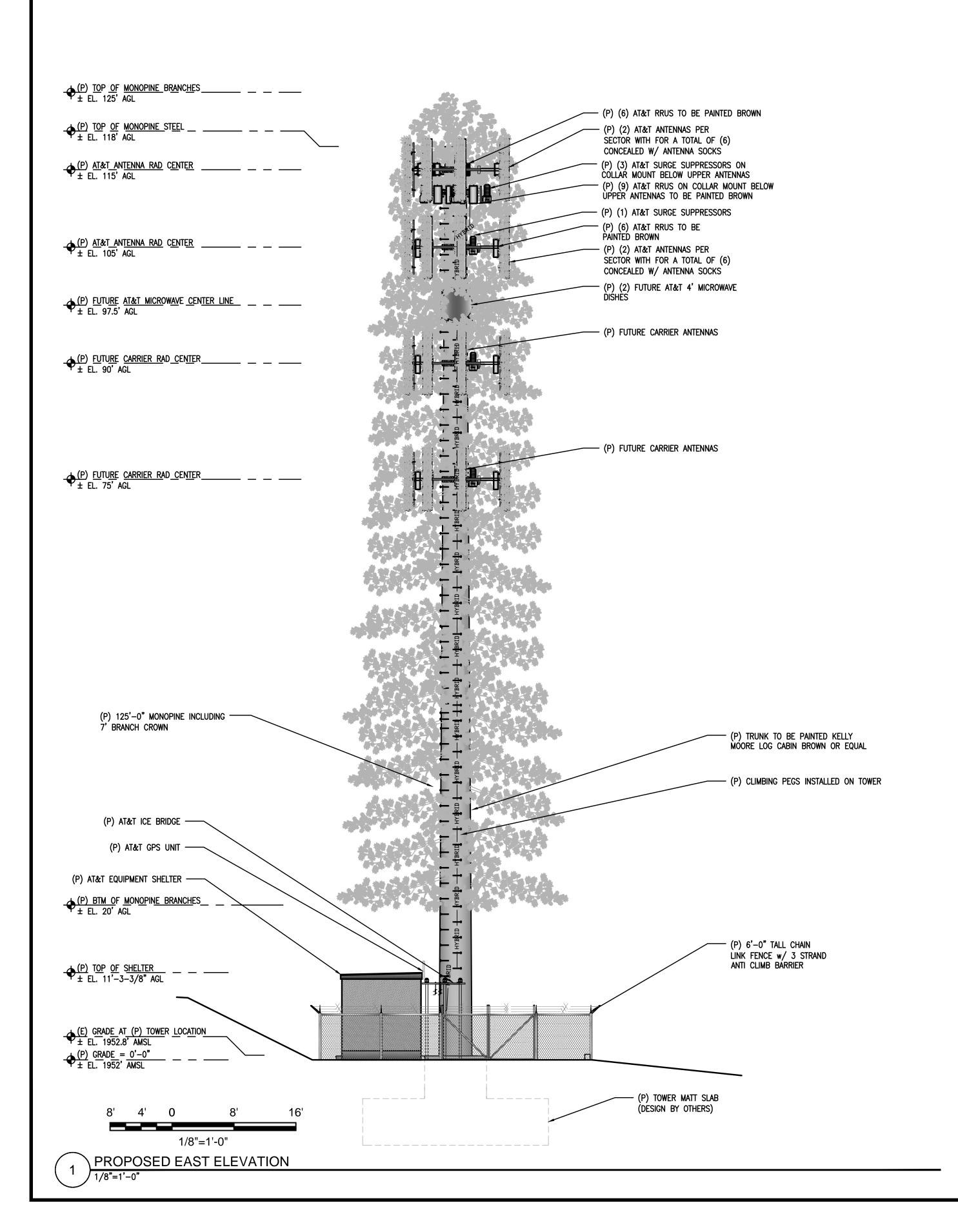
craigmhorner@yahoo.com

PROPOSED MONOPINE NORTH - SOUTH ELEVATION

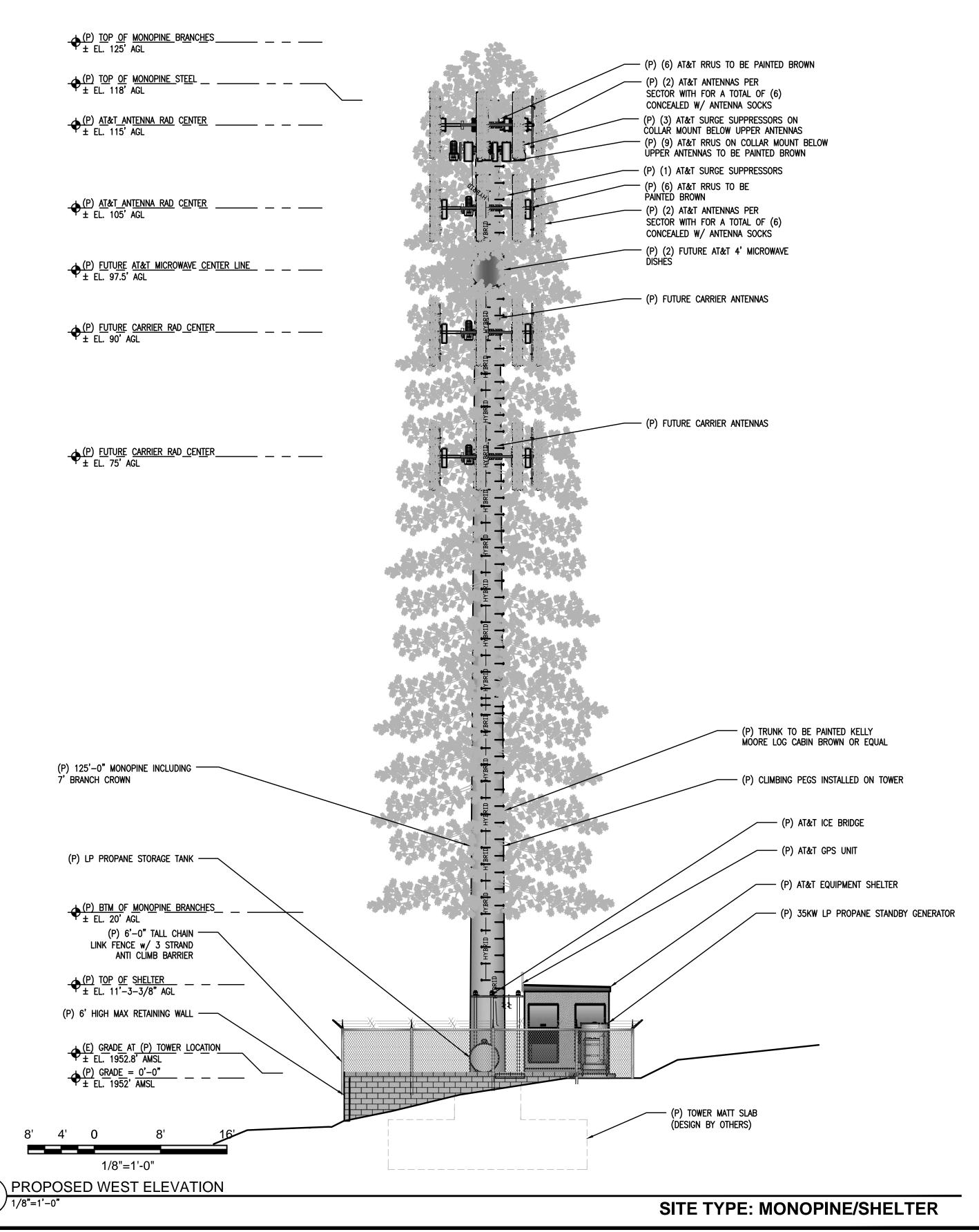
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A-4.

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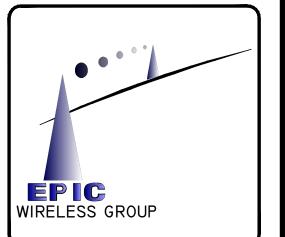
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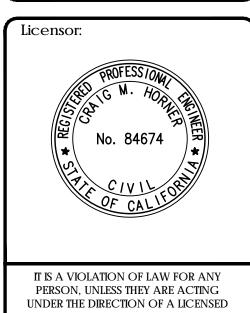


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PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

Engineer:

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SACRAMENTO, CA 95821
craigmhorner@yahoo.com

SHEET TITLE:
PROPOSED MONOPINE
WEST - EAST ELEVATION

SHEET NUMBER:

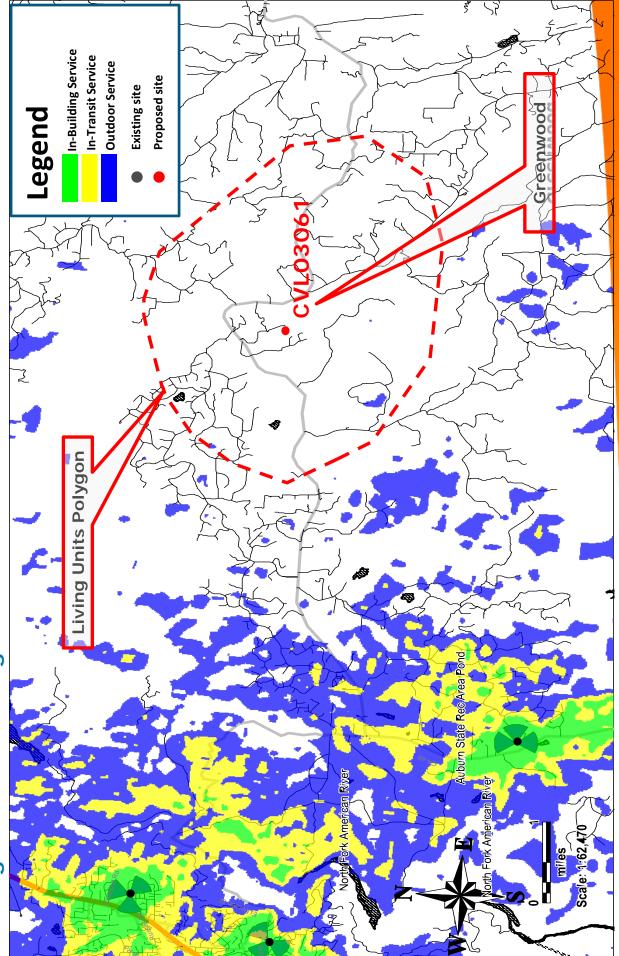
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CVL03061 Zoning Propagation Map

May 15, 2017



Existing LTE 700 Coverage





May 15 2017

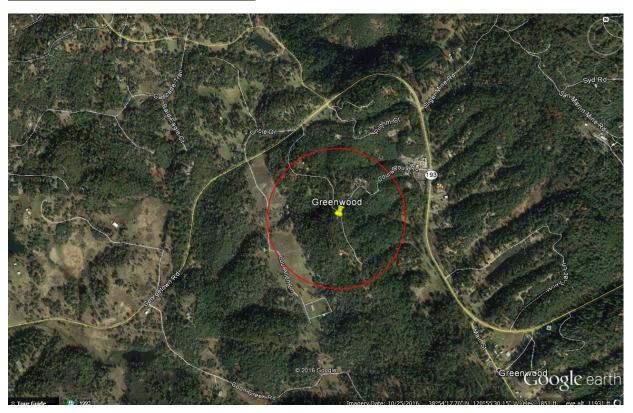
In-Building Service In-Transit Service Outdoor Service **Proposed site Existing site** (RC = 100 feet) Supports 251 Living Units Greenwood Legend **Living Units Polygon** Proposed LTE 700 Coverage -







Search Ring's Description and Objectives:



AT&T Mobility is proposing to build and maintain an unmanned wireless telecommunication facility consisting of a 35' x 40', 1,400 square foot enclosed compound (lease area). The compound will include a 125 foot Stealth Monopine tower, one equipment shelter, one 35kw standby propane generator, and one 500 gallon propane tank. This facility will be located at 666 Courageous Ct, Greenwood, within El Dorado County's jurisdiction in a 15.19 acre RE-5 zone. The site is approximately 1,488 feet west of Greenwood Creek and the area consists of oak trees, evergreen trees, and rolling hills with rocky terrain.

AT&T's objective for the Greenwood site is to provide wireless hi-speed broadband internet to a minimum of 251 LU's and cellular services to the nearby residences. This site is to provide hi-speed internet and enhanced cellular coverage & capacity to the Greenwood community, surrounding the search ring, which is a relatively dense underserved areas. The site location's elevation is approximately 1,933 feet while the surrounding community's elevation averages around 1,750 feet, giving the homes within the community great potential for line of site to the tower. After running a coverage simulation at the site location, AT&T is anticipating meeting and beating their FCC objective for this search ring by covering approximately 440 homes; 189 more homes than their FCC obligation.





Potential Co-locations:

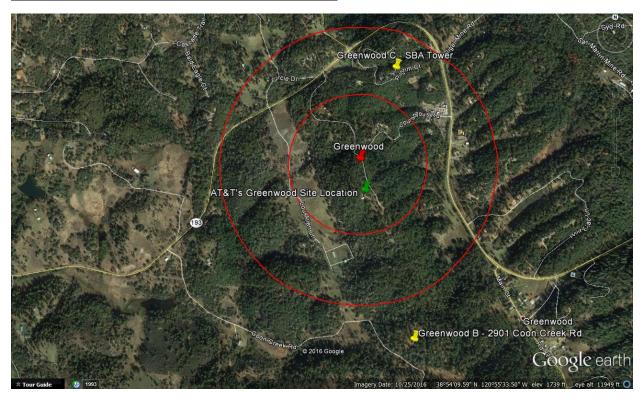


The nearby SBA Wireless Facility located at 3701 Pilgrim Ct, Greenwood, was initially considered for a colocation proposal. However, running the coverage simulation at the available antenna height of 85 feet, AT&T discovered that they would lose approximately 210 living units and only provide service to 230 LU's in Greenwood. This would have also resulted in AT&T failing to meet its FCC mandate for coverage for the Greenwood Community.





Alternative Site Analysis pursuant to 17.14.210 (B) (1):



Above is a map showing the Search Ring (center is the red pin), Proposed Site (green pin) and the two alternative sites (yellow pins) that were considered for placement of the telecommunications facility. Each Alternative Site is discussed below:





Greenwood Alternative Candidate B:

Address: 2901 Coon Creek Rd, Greenwood

Latitude/Longitude: 38.895936, -120.923990

Proposal – New Tower



Considerations:

Candidate B is located approximately 3,440 feet south of the center of AT&T's search ring. The proposed tower would be located on a 5.63 acre, RE-5 zoned property owned by Donnelly Edgar Charles. The property is located on Coon Creek Road and the site was proposed in the center of the property. Candidate B was chosen as AT&T's second preferred candidate as the RF Engineer's simulation yielded fewer LU's than the subject site located at 666 Courageous Court (Subject Parcel).





Fair Play Alternative Candidate C:

3701 Pilgrim Ct, Greenwood

Latitude/Longitude: 38.909265, -120.921255

Proposal – Co-Location



Considerations:

The nearby SBA Wireless Facility located at 3701 Pilgrim Ct, Greenwood, was initially considered for a colocation proposal. However, running the coverage simulation at the available antenna height of 85 feet, AT&T discovered that they would lose approximately 210 living units and only provide service to 230 LU's in Greenwood. This would have also resulted in AT&T failing to meet its FCC mandate for coverage for the Greenwood Community.





Actual View of the Proposed Location:

The proposed lease area is located on the north side of the subject property. The site will not interfere with the existing use of the property. Access will be directly off of Courageous Court. The site is elevated above the surrounding area and has great potential for line of site to the communities down below the subject parcel.







AT&T Wireless





AT&T Wireless





AT&T Wireless





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