

CROOK COUNTY WORK SESSION

Administration Conference Room
203 NE Court Street, Prineville, OR

Tuesday **August 17, 2021** at 9 a.m.

Discussion Items

	<i>Requester's Name</i>	<i>Matter</i>	<i>Docs in Packet?</i>
1	Dan Dutton	T-Mobile Site (PO02342A)	✓
2	Janet Pritiskutch	Review ARPA Fund Uses and Requirements	✓
3	Janet Pritiskutch	Review Meal Per Diem	
4	Will VanVactor Brent Bybee	Legislative Update re Accessory Dwelling Units and Wildfire Risk Mapping	✓

Executive Discussion Items

	<i>Requester's Name</i>	<i>Matter</i>	<i>Docs in Packet?</i>
Exec #1		ORS 192.660(2)(e) For the purpose of conducting deliberations with persons designated by the governing body to negotiate real property transactions	✓

Items placed on the Work Session agenda are intended for discussion only, without making decisions or finalizing documents unless an emergency exists.

**The Court may add additional items arising too late to be part of this Agenda. Agenda items may be rearranged to make the best use of time.*

**The meeting location is accessible to persons with disabilities. If additional accommodations are required, please submit your request 48 hours prior to the meeting by contacting County Administration at 541-447-6555.*

*Requests to be placed on the Work Session agenda are
due at **5 p.m. on Thursday** before the Work Session*

August 17, 2021 Work Session Agenda Items



T-MOBILE SITE NUMBER: PO02342A
T-MOBILE SITE NAME: PRINEVILLE
SITE TYPE: MONOPOLE
TOWER HEIGHT: 38'-10"
T-MOBILE PROJECT: ANCHOR
PO02342A_Prineville_Anchor_FCD_Smartlink_07.29.21

TAX MAP LOCATION: 15150000-00315
COUNTY: CROOK
JURISDICTION: CITY OF PRINEVILLE
LAT: 44° 17' 30.35" N
LONG: 120° 51' 59.89" W



830 NE HOLLADAY ST
PORTLAND, OR 97232



INFINIGY

FROM ZERO TO INFINIGY
the solutions are endless

BELLEVUE, WA 98004

T-MOBILE SITE:
PO02342A
PRINEVILLE

TAX MAP LOCATION:
15150000-00315

CROOK COUNTY

38'-10" MONOPOLE

DRAWINGS ISSUED FOR:

REV.	DATE	DRAWN	DESCRIPTION	QA/QC
A	08/29/20	RCD	PRELIMINARY REVIEW	PD
0	10/14/20	TLT	100% CONSTRUCTION	PD
1	06/02/21	TJB/HL	100% CONSTRUCTION	TT
2	07/29/21	CAP	100% CONSTRUCTION	PD

SITE INFORMATION

PROPERTY INFORMATION:

TAX MAP LOCATION: 15150000-00315
COUNTY: CROOK
LATITUDE (NAD83): 44° 17' 30.35" N (44.291763°)
LONGITUDE (NAD83): 120° 51' 59.89" W (-120.866635°)
GROUND ELEVATION (NAVD88): ±3245.2' AMSL
JURISDICTION: CITY OF PRINEVILLE
APN: 15S 15E 300
ZONING: PR
OCCUPANCY CLASSIFICATION: U
LEGAL DESCRIPTION: SEE SHEET A-1

CONSTRUCTION INFORMATION:

AREA OF CONSTRUCTION: EXISTING
TYPE OF CONSTRUCTION: V-B
PROPOSED USE: UNMANNED TELECOMMUNICATIONS FACILITY
HANDICAP REQUIREMENTS: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS NOT REQUIRED.

PROPERTY OWNER:

COMPANY: COOK COUNTY
ADDRESS: 300 NE 3RD ST
CITY, STATE, ZIP: PRINEVILLE, OR 97754
CONTACT: JERRY BRUMMER, COMMISSIONER
PHONE: (541) 447-6555
EMAIL: jerry.brummer@co.crook.or.us

APPLICANT:

COMPANY: T-MOBILE
ADDRESS: 830 NE HOLLADAY ST
CITY, STATE, ZIP: PORTLAND, OR 97232
CONTACT: KATE ETZEL
PHONE: (971) 235-7832
E-MAIL: katherine.etzel@t-mobile.com

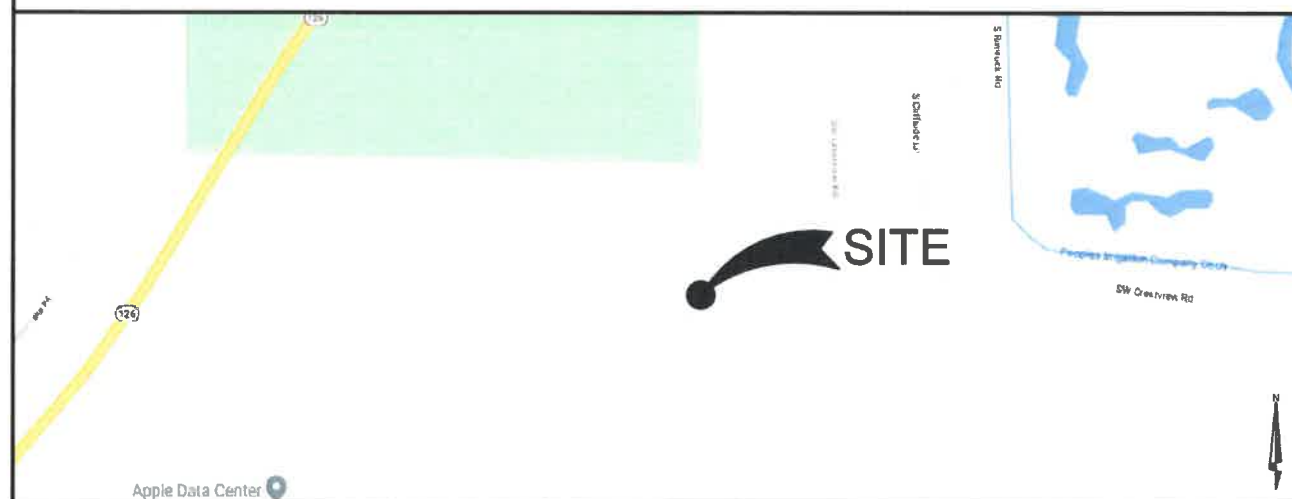
SHEET INDEX

SHEET	DESCRIPTION
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T-3	SPECIFICATIONS & NOTES
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A-2	ENLARGED SITE PLANS
A-3	NORTHWEST ELEVATIONS
A-4	ANTENNA PLANS & RF SCHEDULES
A-4.1	RF PLUMBING DIAGRAMS
A-4.2	AEHC CABLING DIAGRAM
A-5	EQUIPMENT DETAILS
A-6	EQUIPMENT DETAILS
A-6.1	EQUIPMENT DETAILS
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A-7	SITE DETAILS
E-1	UTILITY ROUTING PLAN & DETAILS
E-1.1	ELECTRICAL DIAGRAMS
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S-1	GENERAL NOTES
S-2	MONOPOLE ELEVATION
S-3	FOUNDATION & BASE PLATE DESIGN
S-4	REQUIRED PARTS

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

VICINITY MAP



DRIVING DIRECTIONS FROM T-MOBILE LOCAL OFFICE (830 NE HOLLADAY ST, PORTLAND, OR 97232): HEAD EAST ON NE HOLLADAY ST TOWARD NE 9TH AVE; TURN RIGHT ONTO NE 9TH AVE; TURN LEFT ONTO NE LLOYD BLVD; TURN RIGHT ONTO NE 12TH AVE; TURN LEFT ONTO NE IRVING ST; TAKE RAMP LEFT AND FOLLOW SIGNS FOR I-84 EAST / US-30 EAST; TAKE RAMP RIGHT FOR 238TH DR TOWARD ANIMAL SHELTER / GRESHAM / HALSEY ST / MT. HOOD; TURN RIGHT ONTO NE 238TH DR TOWARD ANIMAL SHELTER / GRESHAM / HALSEY ST / MT. HOOD; BEAR RIGHT ONTO NE 242ND DR; KEEP STRAIGHT ONTO NE HOGAN DR; KEEP STRAIGHT ONTO NE BURNSIDE RD; KEEP RIGHT ONTO SE BURNSIDE RD; KEEP STRAIGHT ONTO US-26 E / SE MOUNT HOOD HWY; KEEP STRAIGHT ONTO US-97 S / US-26 E / NW 4TH ST; TURN LEFT ONTO US-26 E / SW HIGHWAY 26; TURN RIGHT ONTO OR-126 / NW 3RD ST; TAKE 3RD EXIT ONTO SW TOM MCCALL RD; TURN LEFT ONTO SW HIGH DESERT DR; TURN RIGHT ONTO SW CESSNA LN; KEEP STRAIGHT ONTO ROAD, PRIVATE ROAD; TURN RIGHT, PRIVATE ROAD; TURN LEFT, PRIVATE ROAD; ARRIVE AT: 15150000-00315.

PROJECT DESCRIPTION

T-MOBILE PROPOSES TO MODIFY AN EXISTING UNMANNED TELECOMMUNICATIONS FACILITY AS FOLLOWS:

TOWER SCOPE OF WORK:

- REMOVE AN EXISTING 38'-2" WOOD POLE & ANTENNA MOUNT
- REMOVE (2) RRU'S, (1) COVP, (12) COAX CABLES & (1) HYBRID CABLE
- RELOCATE (3) FFH-65C-R3 PANEL ANTENNAS
- INSTALL A 38'-10" MONOPOLE WITH PIER FOUNDATION
- INSTALL (1) T-ARM MOUNT KIT (SITE PRO 1 PART # RMV5-396)
- INSTALL (3) AEHC PANEL ANTENNAS & (3) AHFIG RADIOS
- INSTALL (2) HCS 2.0 PENDANT STYLE HYBRID CABLES
- REMOVE (2) EQUIPMENT CABINETS W/ (2) AMOB
- REMOVE (1) COVP, (1) ESMB, & (1) GEN PLUG
- RELOCATE (1) FSMF FROM WALL & (1) ASIA, (2) ABIA, (1) ASIK, & (1) ABIL FROM EXISTING FCOA CABINET TO PROPOSED HPL3 POWER CABINET
- INSTALL (1) LB3 BATTERY CABINET W/ (4) STRINGS OF BATTERIES & (1) HPL3 POWER CABINET W/ (2) AMIA, (1) ASIB, (1) ABIA, (3) ABIC, (1) ASIK, (3) ABIL, (1) CSR IXRE ROUTER, (1) VOLTAGE BOOSTER W/ (2) AMPLIFIERS, & (1) EXTRA AMPLIFIER
- INSTALL (2) HCS 2.0 JUNCTION BOXES, (1) TELCO BOX, & (1) CAM-LOK

DESIGN IS BASED ON:
RFDS VERSION 6, DATED 9/16/2020 (CONFIG. 56791EZ_SR, 56791EZ_SR)
THESE PLANS HAVE BEEN DEVELOPED FOR THE MODIFICATION OF AN UNMANNED TELECOMMUNICATIONS FACILITY OWNED OR LEASED BY T-MOBILE IN ACCORDANCE WITH THE PROVIDED SCOPE OF WORK, INCORPORATED IN THE PLANS BY INFINIGY. THESE PLANS ARE NOT FOR CONSTRUCTION UNLESS STAMPED & SIGNED, & ACCOMPANIED BY A PASSING STRUCTURAL STABILITY ANALYSIS FOR THE STRUCTURE AND MOUNT PREPARED BY A LICENSED PROFESSIONAL ENGINEER.

CODE COMPLIANCE

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THESE CODES.

- 2018 INTERNATIONAL BUILDING CODE
- 2018 INTERNATIONAL MECHANICAL CODE
- 2018 INTERNATIONAL FIRE CODE
- 2018 UNIFORM PLUMBING CODE
- 2020 NATIONAL ELECTRICAL CODE
- 2018 INTERNATIONAL FUEL GAS CODE
- 2018 INTERNATIONAL ENERGY CONSERVATION CODE
- TIA-EIA-222-H OR LATEST EDITION
- ASCE 7-16
- NFPA 780 - LIGHTNING PROTECTION CODE
- ANY OTHER NATIONAL OR LOCAL APPLICABLE CODES, MOST RECENT EDITION
- LOCAL AMENDMENTS TO THE ABOVE, WHERE APPLICABLE
- CITY/COUNTY ORDINANCES
- LIFE SAFETY CODE NFPA-101



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PROJECT TEAM

ARCHITECTURAL & ENGINEERING:

COMPANY: INFINIGY ENGINEERING, PLLC
CONTACT: TROY THORNHILL
PHONE: (509) 230-0188
E-MAIL: thornhill@infinigy.com

SITE ACQUISITION:

COMPANY: SMARTLINK, LLC
CONTACT: DAN DUTTON
PHONE: (503) 756-3888
E-MAIL: daniel.dutton@smartlinkgroup.com

PLANNING:

COMPANY: SMARTLINK, LLC
CONTACT: DAN DUTTON
PHONE: (503) 756-3888
E-MAIL: daniel.dutton@smartlinkgroup.com

APPROVALS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS & AUTHORIZE THE SUBCONTRACTOR TO PROCEED WITH CONSTRUCTION AS DESCRIBED HEREIN. ALL CONSTRUCTION DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT & ANY CHANGES OR MODIFICATIONS THEY MAY IMPOSE.

APPROVAL:	SIGNATURE:	DATE:
PROJECT MANAGER		
SITE ACQUISITION		
CONSTRUCTION MANAGER		
SITE OWNER		
RF ENGINEER		
DEVELOPMENT MANAGER		
CONSTRUCTION MANAGER		
OPS MANAGER		
REGULATORY REVIEW		
PROJECT MANAGER		

- A. GENERAL
- ALL PAINT PRODUCT LINES SHALL BE SHERWIN WILLIAMS UNLESS SPECIFICALLY NOTED OTHERWISE BY T-MOBILE.
 - CONTRACTOR SHALL PREPARE ALL SURFACES AND APPLY ALL FINISHES PER LATEST EDITION OF MANUFACTURER'S SPECIFICATIONS.
 - COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS REGARDING SUFFICIENT DRYING TIME BETWEEN COATS WITH PROVISIONS AS RECOMMENDED BY MANUFACTURER FOR EXISTING WEATHER CONDITIONS.
 - FINISH COLOR AND TEXTURE OF ALL PAINTED SURFACES SHALL MATCH EXISTING ADJACENT SURFACES UNLESS OTHERWISE NOTED BY T-MOBILE.
 - ALL PAINT MATERIAL DATA SHEETS SHALL BE PROVIDED TO THE T-MOBILE CONSTRUCTION MANAGER.
 - PREPARE PREVIOUSLY PAINTED SURFACE BY LIGHT SANDING WITH 400 GRIT SANDPAPER AND NON-HYDROCARBON WASH. PREPARE GALVANIZED SURFACES BY ACID ETCH OR SOLVENT CLEANING IN ACCORDANCE WITH SSPC-SP1.
 - FURNISH DROP CLOTHS, SHIELDS, MASKING AND OTHER PROTECTIVE METHODS TO PREVENT SPRAY OR DROPPINGS FROM DAMAGING ADJACENT SURFACES AND FACILITIES.
 - APPLY PAINT BY AIRLESS SPRAY, SANDING LIGHTLY BETWEEN EACH SUCCEEDING ENAMEL COAT ON FLAT SURFACES. APPLY MATERIAL TO ACHIEVE A COATING NO THINNER THAN THE DRY FILM THICKNESS INDICATED.
 - APPLY BLOCK FILTER TO CONCRETE BLOCK CONSTRUCTION AND ENSURE COMPLETE COVERAGE WITH PORES COMPLETELY FILLED.
 - CONTRACTOR SHALL CORRECT RUNS, SAGS, MISSES AND OTHER DEFECTS INCLUDING INADEQUATE COVERAGE AS DIRECTED BY THE T-MOBILE CONSTRUCTION MANAGER. REPAINT AS NECESSARY TO ACHIEVE SURFACES THAT ARE SMOOTH, EVENLY COATED WITH UNIFORM SHEEN AND FREE FROM BLEMISHES.
- B. PAINTING SCOPE
- PAINT THE FOLLOWING MATERIALS AND SYSTEMS CHECKED BELOW WITH THE COATING SYSTEM INDICATED.

PAINTING SCOPE				
SURFACE TO BE PAINTED	COATING SYSTEM	PAINT	DO NOT PAINT	N/A
BTS UNIT				X
ALL EQUIPMENT & CABINETS OTHER THAN THE BTS UNIT				X
ANTENNA COVERS, TILT BRACKETS, MOUNTING BRACKETS AND ASSOCIATED HARDWARE, CABLE AND CABLE COVERS EXPOSED TO VIEW, EXPOSED CONDUIT AND HANGERS, ETC.	SEE PLANS	SEE PLANS		
FLASHING UNITS, METAL TRIM AND OTHER METAL SURFACES				X
STUCCO, CONCRETE, CONCRETE BLOCK AND CEMENTIOUS TYPE FINISH SYSTEMS				X
PLYWOOD, LUMBER AND WOOD TRIM INCLUDING THE BACK SIDE OF ALL SCREEN WALLS				X
DRYWALL				X
CONCRETE POLES				X
METAL POLES AND METAL POLE STAND-OFF				X

- C. COATING SYSTEM SPECIFICATIONS
- DTM ACRYLIC COATING (SERIES B66) BY SHERWIN WILLIAMS CO. 1MIL DFT PER COAT APPLIED IN TWO COATS OVER DTM BONDING PRIMER (B66A50).
 - 100% ACRYLIC, LATEX COATING EQUIVALENT TO A-100 (SERIES A-82) BY SHERWIN WILLIAMS CO. 1 MIL DFT PER COAT APPLIED IN TWO COATS OVER SPECIFIED PRIMER.
- D. PAINT & PRIMER
- ANTENNAS
PRIMER - KEM AQUA E61-W525
TOPCOAT - COROTHANE II B65W200/B60V22
- BTS CABINET
PRIMER - KEM AQUA E61-W525
TOPCOAT - COROTHANE II B65W200/B60V22
- COAXIAL JUMPER CABLES
PRIMER - AS REQUIRED FOR ADHESION. APPLY ONE COAT OF KEM
AQUA WATER REDUCIBLE PRIMER E61W25
REDUCED 25%
TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2
- RAW STEEL
PRIMER - KEM BOND HS B50WZ4, DMT ACRYLIC PRIMER
TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2
- GALVANIZED METAL
ACID ETCH WITH COMMERCIAL ETCH OR VINEGAR
PRIMER COAT AND
FINISH COAT (GALVITE HIGH SOLIDS OR DTM PRIMER/FINISH)
- STAINLESS STEEL
PRIMER - OTM WASH PRIMER, B71Y1
TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2
- PRE-PRIMED STEEL
TOUCH UP ANY RUST OR UN-PRIMED STEEL WITH KEM BOND HS,
SS0WZ4
- ALUMINUM & COPPER
PRIMER - DTM WASH PRIMER, B71Y1
TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2
- CONCRETE MASONRY
PRIMER - PRO MAR EXTERIOR BLOCK FILLER
TOPCOAT - 2 COATS A-100 LATEX HOUSE & TRIM, SHEEN TO MATCH
- CONCRETE STUCCO(EXISTING)
2 COATS A-100 LATEX HOUSE & TRIM, SHEEN TO MATCH
- STUCCO
PRIMER - PRO MAR MASONRY CONDITONER B-46-W21000
TOPCOAT - SUPERPAINT A-80 SERIES A-89 SATIN A-84 GLOSS
- WOOD
PRIMER - A-100 EXTERIOR ALKYD WOO9D PRIMER Y-24W20
TOPCOAT - 2 COATS A-100 LATEX HOUSE & TRIM SHEEN TO MATCH ADJACENT SURFACES

- THE LATEST EDITION OF THE AMERICAN INSTITUTE OF ARCHITECTS DOCUMENT A201 "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION" ARE INCLUDED IN THESE SPECIFICATIONS AS IF COMPLETELY REPRODUCED HEREIN.
- THIS FACILITY IS AN UNOCCUPIED PCS TELECOMMUNICATIONS SITE AND IS EXEMPT FROM ADA ACCESS REQUIREMENTS.
- PRIOR TO SUBMISSION OF BIDS, THE CONTRACTORS PARTICIPATING SHALL VISIT THE JOB SITE WITH THE CONSTRUCTION AND CONTRACT DOCUMENTS TO CONFIRM THAT THE PROJECT CAN BE ACCOMPLISHED AS DESIGNED HEREIN, AS WELL AS TO FAMILIARIZE THEMSELVES WITH ALL FIELD CONDITIONS AFFECTING THE PROPOSED PROJECT INCLUDING DEMOLITION, ELECTRICAL, MECHANICAL AND STRUCTURAL INSTALLATIONS PRIOR TO PROCEEDING WITH CONSTRUCTION. SHOULD ANY ERRORS, OMISSION, OR DISCREPANCIES BE FOUND, THE GENERAL CONTRACTOR SHALL IMMEDIATELY NOTIFY IN WRITING, THE T-MOBILE CONSTRUCTION MANAGER AND THE ARCHITECT.
- IN THE EVENT OF DISCREPANCIES WITHIN THESE DRAWINGS, THE CONTRACTOR SHALL INCLUDE THE MORE COSTLY OR EXTENSIVE WORK IN THE BID, UNLESS SPECIFICALLY DIRECTED OTHERWISE BY T-MOBILE. IF A DISCREPANCY EXISTS AND THE PROJECT MANAGER AND ARCHITECT ARE NOT NOTIFIED, THE GENERAL CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL COSTS INCURRED TO REPAIR OR CORRECT ALL PROBLEMS THAT RESULT.
- THESE DRAWINGS SHALL NOT BE SCALED AS THESE DRAWINGS ARE INTENDED TO BE FOR DIAGRAMMATIC PURPOSES ONLY. FIGURED DIMENSIONS HAVE PRECEDENCE OVER DRAWING SCALE AND DETAIL DRAWINGS HAVE PRECEDENCE OVER SMALL SCALE DRAWINGS. CONTRACTOR SHALL CHECK THE ACCURACY OF ALL DIMENSIONS IN THE FIELD. UNLESS SPECIFICALLY NOTED, DO NOT FABRICATE ANY MATERIALS, OR BEGIN ANY CONSTRUCTION UNTIL THE ACCURACY OF DRAWING DIMENSIONS HAS BEEN VERIFIED AGAINST ACTUAL FIELD DIMENSIONS.
- THE CONTRACTOR SHALL INCLUDE IN HIS OR HER BID ALL MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE THE WORK AS INDICATED OR IMPLIED BY THESE DRAWINGS.
- CONTRACTOR SHALL NOTIFY THE T-MOBILE CONSTRUCTION MANAGER, THE PROPERTY OWNER AND THE ARCHITECT IF ANY DETAILS ARE CONSIDERED IMPRACTICAL, UNSUITABLE, UNSAFE, NOT WATERPROOF, OR NOT WITHIN CUSTOMARY TRADE PRACTICE. IF WORK IS PERFORMED, IT WILL BE ASSUMED THAT THERE IS NO OBJECTION TO ANY DETAIL. DETAILS ARE INTENDED TO SHOW THE END RESULT OF THE DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB CONDITIONS, AND SHALL BE INCLUDED AS PART OF THE WORK.
- EXISTING ELEVATIONS AND LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION. IF THEY DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE T-MOBILE CONSTRUCTION MANAGER AND THE ARCHITECT SO THAT MODIFICATIONS CAN BE MADE BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL VERIFY ALL TELEPHONE & RADIO EQUIPMENT LAYOUTS, SPECIFICATIONS, PERFORMANCE, INSTALLATION AND FINAL LOCATIONS WITH T-MOBILE CONSTRUCTION MANAGER PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH ERICSSON RADIO SYSTEMS.
- ALL SYMBOLS & ABBREVIATIONS USED ON THESE DRAWINGS ARE CONSIDERED CONSTRUCTION STANDARDS. IF THE CONTRACTOR HAS QUESTIONS REGARDING THEIR EXACT MEANING, THE T-MOBILE CONSTRUCTION MANAGER AND THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION BEFORE THE CONTRACTOR PROCEEDS WITH THE WORK.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, LICENSES AND INSPECTIONS NECESSARY FOR PERFORMANCE OF THE WORK AND INCLUDE THOSE IN THE COST OF THE WORK TO T-MOBILE.
- THE CONTRACTOR SHALL PROVIDE CONTINUOUS SUPERVISION AND DIRECT ALL WORK WHILE ANY SUBCONTRACTORS OR WORKERS ARE ONSITE, USING HIS OR HER BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, SEQUENCES, AND COORDINATION OF ALL PORTIONS OF THE CONTRACTED WORK.
- WORKMANSHIP THROUGHOUT SHALL BE OF THE BEST QUALITY OF THE TRADE INVOLVED, AND SHALL MEET OR EXCEED THE FOLLOWING MINIMUM REFERENCE STANDARDS FOR QUALITY AND PROFESSIONAL CONSTRUCTION PRACTICE:

NRCA NATIONAL ROOFING CONTRACTORS ASSOCIATION
O'HARE INTERNATIONAL CENTER
10255 W. HIGGINS ROAD, SUITE 600
ROSEMONT, IL 60018-5607

SMACNA SHEET METAL AND AIR CONDITIONING CONTRACTORS
NATIONAL ASSOCIATION
4201 LAFAYETTE CENTER DRIVE
CHANTILLY, VA 20151-1219

IILP INTERNATIONAL INSTITUTE FOR LATH AND PLASTER
820 TRANSFER ROAD
ST. PAUL, MN 55114-1406
- INSTALL ALL EQUIPMENT AND MATERIALS PER THE LATEST EDITION OF THE MANUFACTURER'S INSTALLATION SPECIFICATIONS UNLESS OTHERWISE INDICATED BY T-MOBILE, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
- THE CONTRACTOR SHALL VERIFY, COORDINATE, AND PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING, HANGERS OR OTHER SUPPORTS FOR ALL ITEMS.
- THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL GIVE ALL REQUIRED CONSTRUCTION NOTICES AND SHALL COMPLY WITH ALL APPLICABLE LOCAL CODES, REGULATIONS, LAWS AND ORDINANCES, AS WELL AS THE STATE DEPARTMENT OF INDUSTRIAL RELATIONS REGULATIONS, INCLUDING BUT NOT LIMITED TO THE DIVISION OF OCCUPATIONAL SAFETY AND HEALTH (OSHA).
- THE CONTRACTOR SHALL PROTECT ALL PROPERTY FROM DAMAGE THAT MAY OCCUR DURING CONSTRUCTION. ANY DAMAGE TO NEW AND EXISTING FINISHES, CONSTRUCTION, STRUCTURE, LANDSCAPING, CURBS, STAIRS, OR EQUIPMENT, ETC. SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF T-MOBILE AND THE PROPERTY OWNER'S REPRESENTATIVE, AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR, AND SHALL REPLACE OR REMEDY, ANY FAULTY, IMPROPER, OR INFERIOR MATERIALS OR WORKMANSHIP OR ANY DAMAGE WHICH SHALL APPEAR WITHIN ONE YEAR AFTER THE COMPLETION AND ACCEPTANCE OF THE WORK BY T-MOBILE UNDER THIS CONTRACT.
- IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROTECT AND LOCATE, OR CONTACT AN OUTSIDE AGENCY TO LOCATE, ALL EXISTING UTILITIES REGARDLESS OF WHETHER OR NOT SHOWN HEREIN. THE CONTRACTOR SHALL BEAR ALL EXPENSES FOR THE REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED IN CONJUNCTION WITH THE EXECUTION OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE PROJECT SITE WHILE THE JOB IS IN PROGRESS AND UNTIL THE JOB IS COMPLETED AND ACCEPTED BY T-MOBILE.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY WATER, POWER AND TOILET FACILITIES AS REQUIRED BY THE PROPERTY OWNER, T-MOBILE, AND THE CITY OR GOVERNING AGENCY.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REDLINING THE CONSTRUCTION DOCUMENTS TO ILLUSTRATE THE AS-BUILT CONDITION OF THE SITE. THIS SHALL BE DONE AFTER THE SITE HAS BEEN AWARDED FINAL INSPECTION BY THE RESPONSIBLE BUILDING AGENCY. ONE SET OF REDLINED DRAWINGS SHALL BE PROVIDED TO THE T-MOBILE CONSTRUCTION MANAGER.

- THE LATEST EDITION OF ALL PERMITTED AND APPROVED PLANS PERTAINING TO THIS PROJECT SHALL BE KEPT IN A PLAN BOX AND SHALL NOT BE USED BY WORKERS. ALL CONSTRUCTION SETS SHALL REFLECT THE SAME INFORMATION. THE CONTRACTOR SHALL ALSO MAINTAIN IN GOOD CONDITION, ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES. THESE ARE TO BE UNDER THE CARE OF THE CONSTRUCTION SUPERINTENDENT.
- THE CONTRACTOR SHALL REMOVE ALL RUBBISH AND WASTE MATERIALS ON A DAILY BASIS, EXCEPT FOR THAT SPECIFIED AS THE PROPERTY OF THE BUILDING OR PROPERTY OWNER AND SHALL EXERCISE STRICT CONTROL OVER SITE CLEANING THROUGHOUT CONSTRUCTION AND FINAL CLEAN-UP UPON COMPLETION OF WORK. ALL AREAS ARE TO BE LEFT IN A BROOM CLEAN CONDITION AT THE END OF EACH DAY THEN AT A VACUUM CLEAN CONDITION, FREE FROM PAINT SPOTS, DUST OR SMUDGES OF ANY NATURE AT COMPLETION OF WORK.
- THE GENERAL CONTRACTOR MUST PERFORM WORK DURING PROPERTY OWNER'S PREFERRED HOURS TO AVOID DISRUPTION OF NORMAL ACTIVITY.
- ALL EXPOSED METAL SHALL BE HOT-DIPPED GALVANIZED.
- SEAL ALL PENETRATIONS THROUGH FIRE-RATED AREAS WITH U.L. LISTED OR FIRE MARSHALL APPROVED MATERIALS IF AND WHERE APPLICABLE TO THIS FACILITY AND PROJECT SITE.
- PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF THE PROJECT AREA UNDER CONSTRUCTION.
- ELECTRICAL POWER SYSTEM SHALL BE GROUNDED PER NEC ARTICLES 250 AND 810.
- ALL NEW OPENINGS IN THE EXTERIOR ENVELOPE OF CONDITIONED SPACES SUCH AS AT WALL AND ROOF PENETRATIONS SHALL BE CAULKED OR SEALED TO LIMIT INFILTRATION OF AIR AND MOISTURE.
- UPON COMPLETION OF CONSTRUCTION, T-MOBILE CONSTRUCTION MANAGER SHALL CONDUCT A WALK-THRU WITH PROPERTY OWNER OR REPRESENTATIVE OF PROPERTY OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SYSTEM EQUIPMENT IN A CLEAN WORKING ORDER UNTIL ACCEPTANCE OF THE PROJECT BY T-MOBILE.
- INSTALL ALL EQUIPMENT AND MATERIALS PER THE LATEST EDITION OF THE MANUFACTURER'S INSTALLATION SPECIFICATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED, OR WHERE LOCAL CODES OR REGULATION TAKE PRECEDENCE.



T-MOBILE SITE:
PO02342A
PRINEVILLE

TAX MAP LOCATION:
15150000-00315

CROOK COUNTY

38'-10" MONOPOLE

DRAWINGS ISSUED FOR:				
REV.	DATE	DRAWN	DESCRIPTION	QA/QC
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1	05/02/21	TJB/HL	100% CONSTRUCTION	TT
2	07/29/21	CAP	100% CONSTRUCTION	PD

SHEET TITLE: SPECIFICATIONS & NOTES	
SHEET NUMBER: T-2	REVISION: 2

A. GENERAL

1. PRECEDENCE: UNLESS OTHERWISE SHOWN OR SPECIFIED, THE FOLLOWING GENERAL NOTES SHALL APPLY. INFORMATION ON THESE DRAWINGS SHALL HAVE THE FOLLOWING PRECEDENCE.
- A. ALL DIMENSIONS TO TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS.
- B. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
- C. MATERIAL NOTES AND SPECIFICATIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE SPECIFICATIONS.

2. OTHER TRADES: SEE THE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.

3. GENERAL DETAILS AND NOTES ON THESE SHEETS SHALL APPLY UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. CONSTRUCTION DETAILS NOT FULLY SHOWN OR NOTED SHALL BE SIMILAR TO DETAILS SHOWN FOR SIMILAR CONDITIONS.

4. SHORING: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL ALL TEMPORARY BRACING AND SHORING TO INSURE THE SAFETY OF THE WORK UNTIL IT IS COMPLETED. THIS INCLUDES UNDERPINNING EXISTING FOOTINGS WHERE APPLICABLE.

5. SAFETY: THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. UNLESS OTHERWISE INDICATED, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION.

6. WATERPROOFING: WATERPROOFING AND DRAINAGE DETAILS OR SPECIFICATIONS SHOWN IN THESE DRAWINGS ARE FOR GENERAL INFORMATIONAL PURPOSES ONLY. CONTRACTOR TO NOTIFY THE T-MOBILE CONSTRUCTION MANAGER AND THE ARCHITECT IF ANY INADEQUATE OR IMPROPER CONDITIONS.

B. STEEL

1. ALL STRUCTURAL STEEL SECTIONS AND WELDED PLATE MEMBERS SHALL CONFORM TO ASTM A-36 AND BE FABRICATED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE AISC.
2. ALL BOLTS SHALL CONFORM TO ASTM A-307 UNLESS OTHERWISE NOTED ON PLANS. HIGH STRENGTH BOLTS SHALL CONFORM TO ASTM A-325
3. STEEL PIPE COLUMNS SHALL BE GRADE "B" CONFORMING TO ASTM A53.
4. STEEL TUBING SHALL BE GRADE "B" CONFORMING TO ASTM A500.
5. ALL WELDING SHALL BE DONE BY THE SHIELDED ARC METHOD. ALL WELDERS SHALL BE PROPERLY QUALIFIED AND BE PRE-APPROVED. SURPLUS METAL SHALL BE DRESSED OFF TO SMOOTH, EVEN SURFACES WHERE WELDS ARE NOT EXPOSED TO VIEW. ALL WELDING SHALL COMPLY WITH THE LATEST A.W.S. SPECIFICATIONS.
6. THE FOLLOWING WELDING EQUIPMENT MUST BE USED:
A. 250 AMP WELDERS.
B. ROD OVENS.
C. GRINDERS.
7. NO BUZZ BOXES SHALL BE USED.
8. ALL STRUCTURAL STEEL SHALL HAVE MILL CERTIFICATION. MILL CERTIFICATION SHALL BE KEPT ON THE JOB SITE FOR EXAMINATION BY THE DESIGN ENGINEER AND THE CITY INSPECTOR.
9. ALL HIGH STRENGTH BOLTS SHALL HAVE MILL CERTIFICATION. MILL CERTIFICATION SHALL BE KEPT ON THE JOB SITE FOR EXAMINATION BY THE INSPECTOR.
10. STEEL THAT HAD BEEN WELDED, CUT OR SCRATCHED IN THE FIELD SHALL BE TOUCHED UP WITH COLD GALVANIZING PAINT.
11. WELDING INDICATED IN THESE DRAWINGS IS DESIGNED FOR ONE HALF OF ALLOWABLE CODE STRESSES UNLESS NOTED "FULL STRESS" AT END OF WELD SYMBOL.

C. CONCRETE

1. STRENGTH: CONCRETE FOR THE PROJECT SHALL HAVE THE FOLLOWING ULTIMATE COMPRESSIVE STRENGTH AT AGE OF 28 DAYS:

LOCATION	STRENGTH ADMIXTURE	WT.	SLUMP
SLAB&FOOTING	3000psi NONE	150pcf	4"

2. INSPECTION: CONCRETE WITH SPECIFIED STRENGTH GREATER THAN 2500psi SHALL BE CONTINUOUSLY INSPECTED DURING PLACEMENT BY A DEPUTY INSPECTOR EMPLOYED BY A TESTING LABORATORY APPROVED BY THE BUILDING DEPT.

3. REBAR GRADES: REINFORCING STEEL SHALL BE CLEAN PREFORMED BARS CONFORMING TO ASTM A615 AS FOLLOWS:

#4 & SMALLER BARS.....GRADE 40
#5 & LARGER BARS.....GRADE 60
ALL BARS AT CAISSON FOOTING...GRADE 60

4. FOUNDATIONS & SLABS: TYPE V, LOW ALKALI, CONFORMING TO ASTM C-150. PIER/CAISSON FOOTINGS: TYPE V, LOW ALKALI, CONFORMING TO ASTM C-150.

5. AGGREGATE: USED IN THE CONCRETE SHALL CONFORM TO ASTM C-33. USE ONLY AGGREGATES KNOWN NOT TO CAUSE EXCESSIVE SHRINKAGE. THE MAXIMUM SIZE AGGREGATE IN CONCRETE WORK SHALL BE THE FOLLOWING:

- A. FOUNDATIONS & SLABS 9" OR LESS: 3/4" GRAVEL
B. PIER/CAISSON FOOTING: 1" GRAVEL.

6. SHALL BE CLEAN AND FREE FROM DELETERIOUS AMOUNT OF ACIDS, ALKALIS, ORGANIC MATERIALS AND SHALL BE SUITABLE FOR HUMAN CONSUMPTION.

7. MIXING: PREPARATION OF CONCRETE SHALL CONFORM TO ASTM C-94. NO MORE THAN 90 MINUTES SHALL ELAPSE BETWEEN CONCRETE BATCHING AND CONCRETE PLACEMENT UNLESS APPROVED BY A TESTING AGENCY.

8. SEGREGATION OF AGGREGATES: CONCRETE SHALL NOT BE FLOPPED THROUGH REINFORCING STEEL (AS IN WALLS, COLUMNS, CAISSON, AND DROP CAPITALS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. USE HOPPERS, CHUTES, TRUNKS OR PUMP HOSE SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 5 FT.

9. SPLICES OF REINFORCING STEEL SHALL BE LAPPED A MINIMUM OF 30 DIAMETERS AND SECURELY WIRED TOGETHER. SPLICES OF ADJACENT REINFORCING BARS SHALL BE STAGGERED WHEREVER POSSIBLE.

10. REAR CLEARANCE: MINIMUM COVERAGE FOR JOISTS, BEAMS, GIRDERS AND COLUMNS SHALL BE TO FACE OF STIRRUPS OR TIES. UNLESS OTHERWISE NOTED, CONCRETE COVERAGE FOR REINFORCING BARS TO FACE OF BAR SHALL BE AS FOLLOWS:

- A. CONCRETE IN CONTACT WITH EARTH, UNFORMED 3"
B. CONCRETE IN CONTACT WITH EARTH, FORMED 2"
C. WALL, EXTERIOR FACE 1-1/2"
D. WALL, INTERIOR FACE 1"
E. STRUCTURAL SLABS 3/4"
F. JOISTS 3/4"
G. BEAMS, GIRDERS & COLUMNS 1-1/2"

11. PENETRATIONS: NO SLEEVES OR CHASES SHALL BE PLACED IN BEAMS, SLABS, WALLS AND COLUMNS, EXCEPT THOSE SHOWN ON THE PLANS. CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FOR INSTALLATIONS OF ANY ADDITIONAL SLEEVES OR CHASES. ALL PLUMBING, ELECTRICAL AND MECHANICAL OPENINGS SHALL BE SLEEVES. CORING IS NOT ALLOWED UNLESS PRIOR APPROVAL IS OBTAINED FROM THE STRUCTURAL ENGINEER.

12. EMBEDDED ITEMS: CONDUIT PLACED IN A CONCRETE SLAB SHALL NOT HAVE AN OUTSIDE DIAMETER GREATER THAN 1/4 THE THICKNESS OF THE SLAB. CONDUIT SHALL NOT BE EMBEDDED IN A SLAB THAT IS LESS THAN 3-1/2" THICK, UNLESS SLAB IS LOCALLY THICKENED. MINIMUM CLEAR DISTANCE BETWEEN COUNDUITS SHALL BE SIX INCHES.

13. ANCHORING: ALL ANCHOR BOLTS, REINFORCING STEEL, DOWELS, INSERTS, ETC., SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE. NO REPOSITIONING DURING CONCRETE POUR IS ALLOWED.

14. SLABS SHALL BE SPRAYED WITH A CURING COMPOUND IMMEDIATELY AFTER FINISHING. CURING COMPOUNDS USED ON CONCRETE WHERE TILE OR FLOOR COVERING IS TO BE BONDED TO THE CONCRETE SURFACE SHALL BE APPROVED BY THE TILE OR FLOOR COVERING MANUFACTURER. KEEP SLAB WET FOR 7 DAY MINIMUM PERIOD.

15. CONSOLIDATION: ALL CONCRETE SHALL BE VIBRATED AS IT IS BEING PLACED WITH ELECTRICALLY OPERATED VIBRATING EQUIPMENT.

D. TIMBER

1. ALL FRAMING LUMBER FOR 4X AND LARGER BEAMS SHALL BE NO. 1 GRADE DOUGLAS FIR., S45, UNLESS NOTED OTHERWISE.

2. ALL FRAMING LUMBER FOR 2X RAFTERS AND JOISTS SHALL BE NO.2 GRADE DOUGLAS FIR, S45, UNLESS NOTED OTHERWISE.

3. STRIPPING, BLOCKING, BACKING AND OTHER NON-STRUCTURAL LUMBER SHALL BE NO. 2 OR STD & BTR GRADE DOUGLAS FIR, S45. 2X4 STUD WALLS SHALL BE D.F. STANDARD & BTR.

4. ALL BEAMS, JOISTS AND RAFTERS SHALL BE INSTALLED WITH CROWN SIDE UP.

5. ROOF PLYWOOD SHALL MATCH EXISTING PLYWOOD SHEATHING WITH A SPAN INDEX RATIO 32/16. EDGE NAIL WITH8d AT 6" O.C. UNLESS NOTED OTHERWISE ON PLANS. FIELD NAIL WITH 8d AT 12" O.C.

6. PLYWOOD SHEETS SHALL BE LAID WITH THE FACE GRAIN PERPENDICULAR TO SUPPORTS AND WITH THE EDGES STAGGERED, UNLESS NOTED OTHERWISE ON THE PLANS.

7. PLYWOOD SHALL BE GRADE MARKED BY DFPA, TECO, OR PTL AND SHALL CONFORM TO PS 1-83.

8. THE MAXIMUM MOISTURE CONTENT OF ALL LUMBER SHALL NOT EXCEED 24% AT THE TIME OF INSTALLATION.

9. MINIMUM NAILING SHALL COMPLY WITH TABLE 23-1-q OF BUILDING CODE. ALL NAILS SHALL BE COMMON WIRE NAILS.

10. ALL BOLTS SHALL HAVE STANDARD CUT WASHERS UNDER HEADS AND/OR NUTS WHERE IN CONTACT WITH WOOD.

11. LAG BOLTS SHALL BE SCREWED INTO PLACE, NOT DRIVEN. LAG BOLTS SHALL BE INSTALLED IN PRE-DRILLED HOLES WITH A DIAMETER EQUAL TO 75% DIAMETER OF BOLT.

12. CONNECTORS: ALL SHEET METAL FRAMING CONNECTORS SHOWN IN THE PLANS SHALL BE STRONG CONNECTORS AS MANUFACTURED BY THE SAMSON COMPANY. SUBSTITUTIONS MAY BE MADE WHEN APPROVED BY THE STRUCTURAL ENGINEER.

13. ALL LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH MASONRY OR CONCRETE SHALL BE WOLMANIZED PRESSURE TREATED LUMBER OR A NATURALLY DECAY RESISTANT LUMBER SUCH AS REDWOOD OR CEDAR.

14. ALASKAN YELLOW CEDAR GLUE-LAMINATED BEAMS
A. LUMBER SPECIES: ALASKAN YELLOW CEDAR (A.C.) CONFORMING TO 20F-V12
B. STRENGTH PROPERTIES:
Fb BOTTOM FIBER BENDING STRESS 2000psi MIN.
Fb TOP FIBER BENDING STRESS 1000psi MIN.
Fv SHEAR STRESS 190psi MIN.
Fc COMPRESSION STRESS PERPENDICULAR TO GRAIN 560psi MIN.
C. MODULUS ELASTICITY 1400ksi MIN.
D. CAMBER TO RADIUS OF 1600" U.O.N.
E. ALL GLB'S SHALL BE FABRICATED WITH EXTERIOR GLUE.
F. MANUFACTURE OF GLB'S SHALL CONFORM TO THE UBC.
G. GLU-LAM MATERIAL SHALL BE IN ACCORDANCE WITH ANSI/AITC A190.1 AND ASTM D3737.



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CROOK COUNTY

38'-10" MONOPOLE

DRAWINGS ISSUED FOR:

REV.	DATE	DRAWN	DESCRIPTION	QA/QC
A	09/29/20	RCD	PRELIMINARY REVIEW	PD
0	10/14/20	TLT	100% CONSTRUCTION	PD
1	06/02/21	TJB/HL	100% CONSTRUCTION	TT
2	07/29/21	CAP	100% CONSTRUCTION	PD

SHEET TITLE:

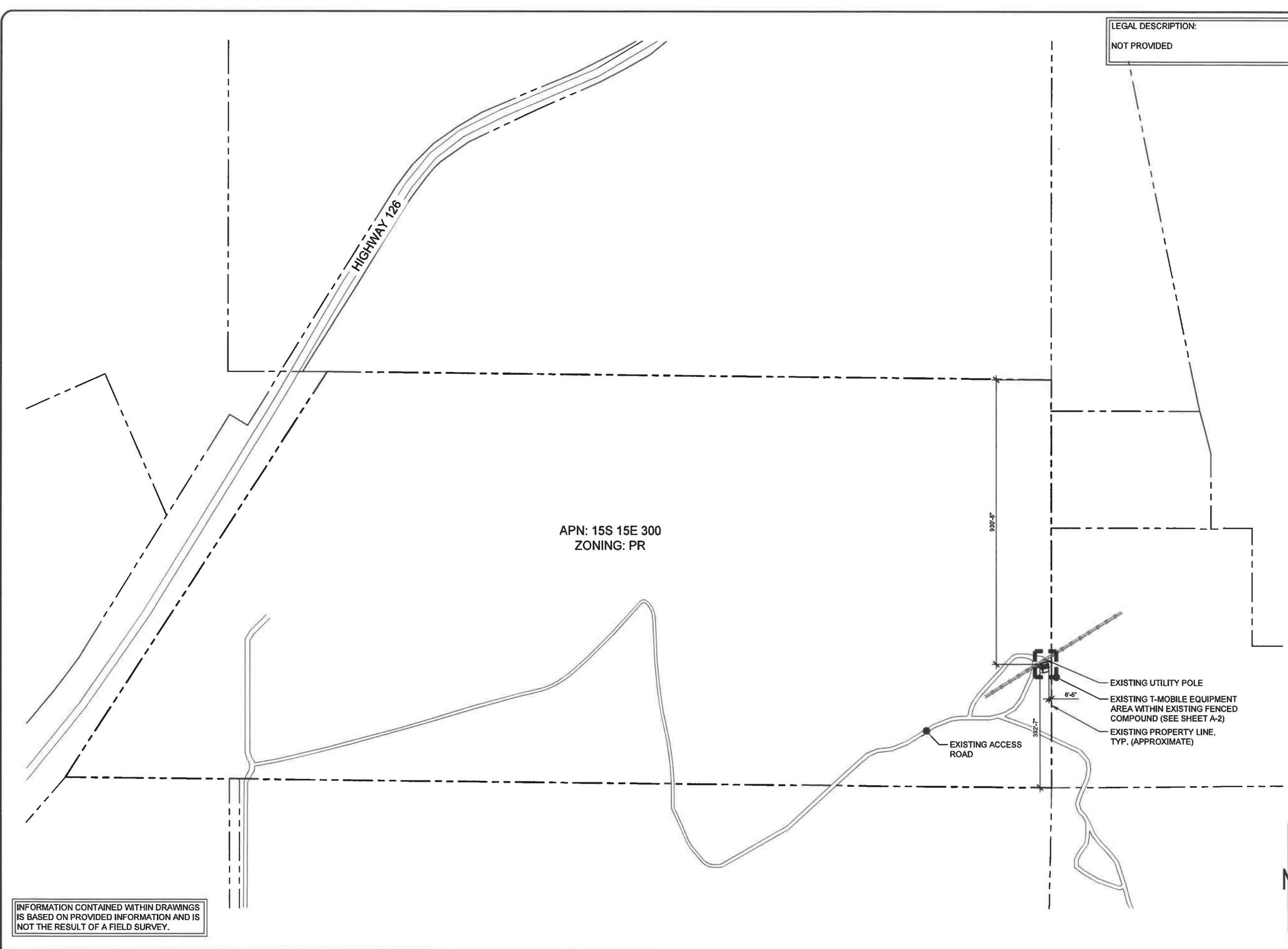
SPECIFICATIONS
& NOTES

SHEET NUMBER:

T-3

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2



LEGAL DESCRIPTION:
NOT PROVIDED

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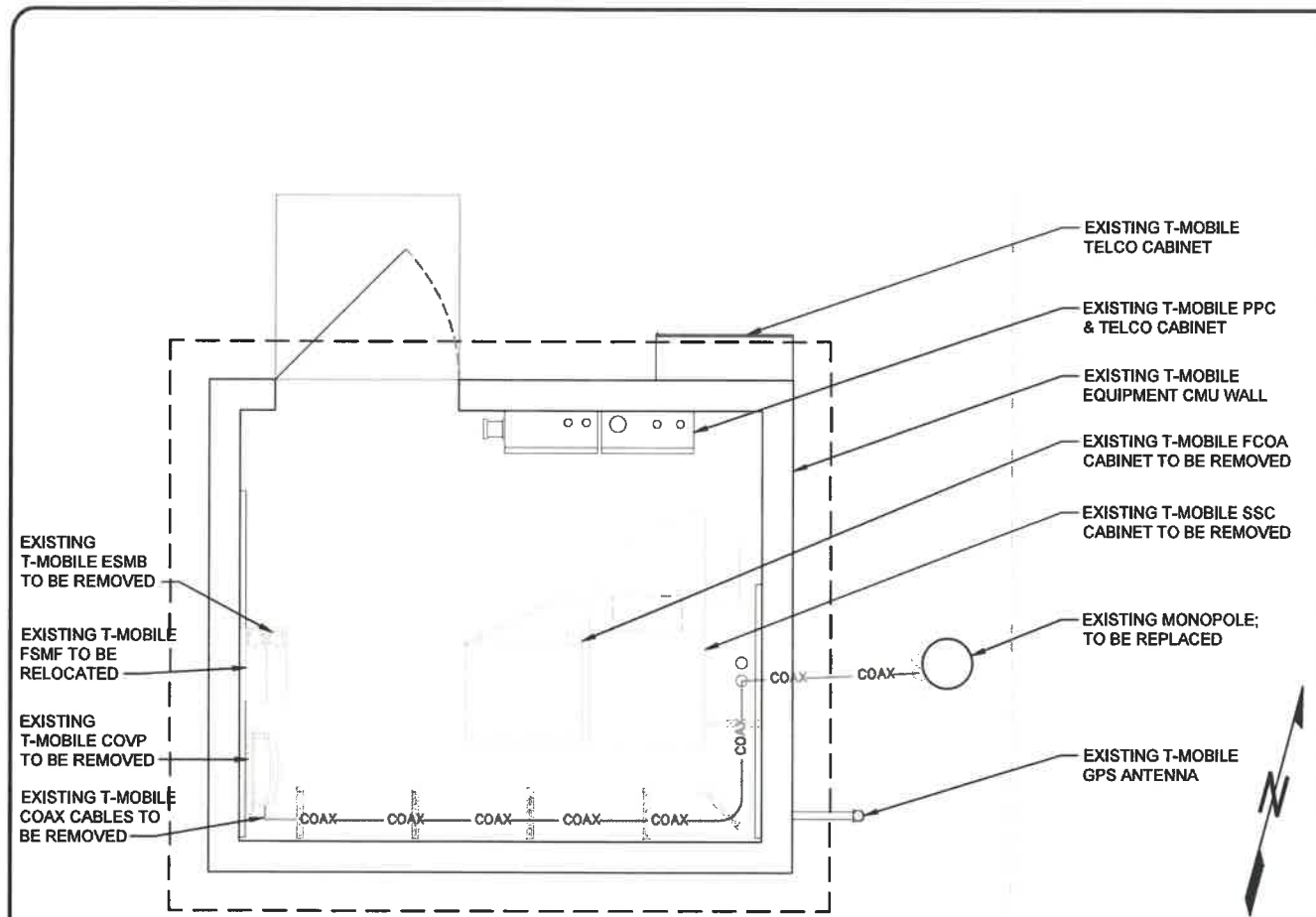
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SHEET TITLE:
**OVERALL
SITE PLAN**

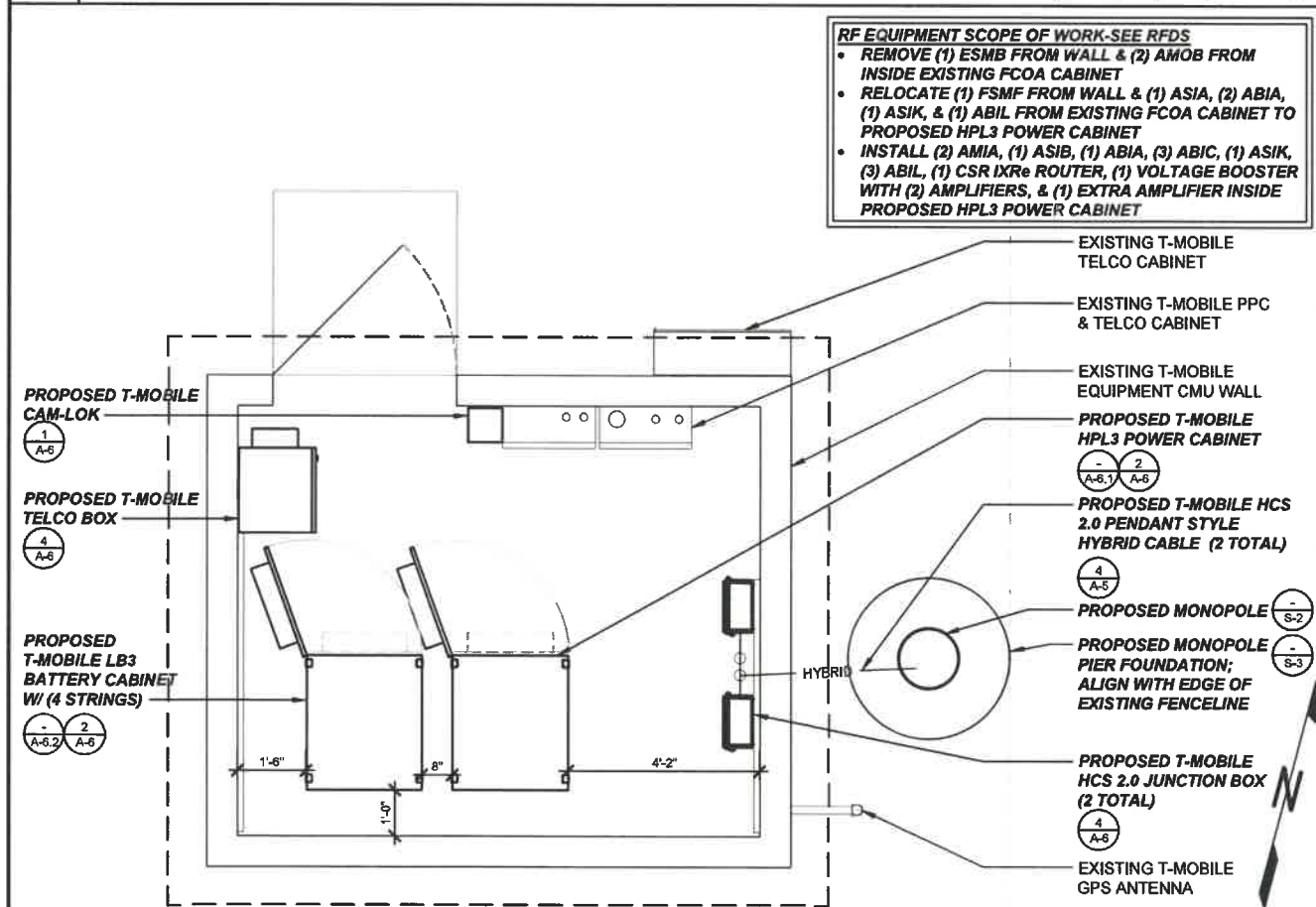
SHEET NUMBER:
A-1

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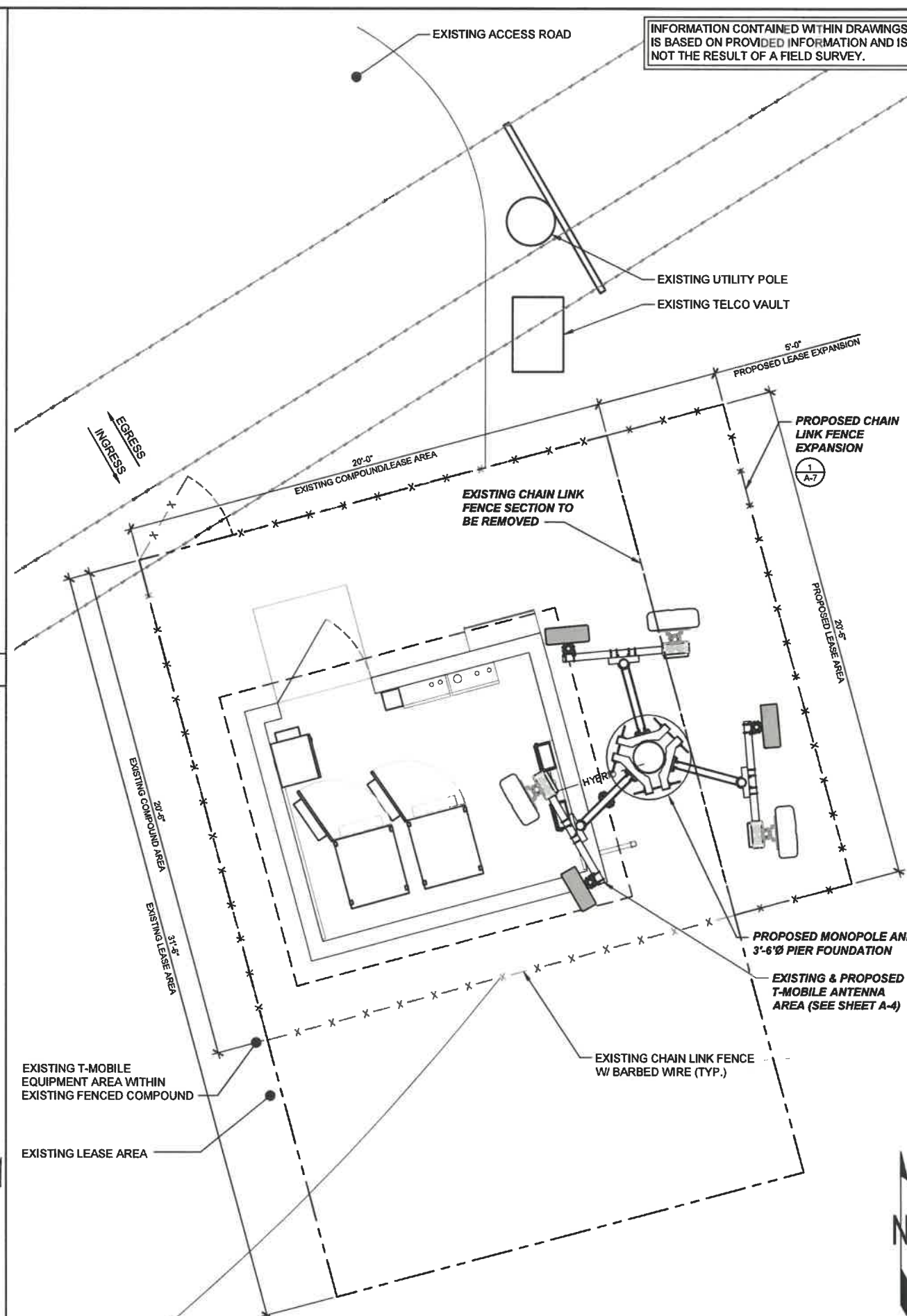
INFORMATION CONTAINED WITHIN DRAWINGS
IS BASED ON PROVIDED INFORMATION AND IS
NOT THE RESULT OF A FIELD SURVEY.



3 EXISTING ENLARGED EQUIPMENT PLAN



2 PROPOSED ENLARGED EQUIPMENT PLAN



1 ENLARGED SITE PLAN

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ENLARGED
SITE PLANS

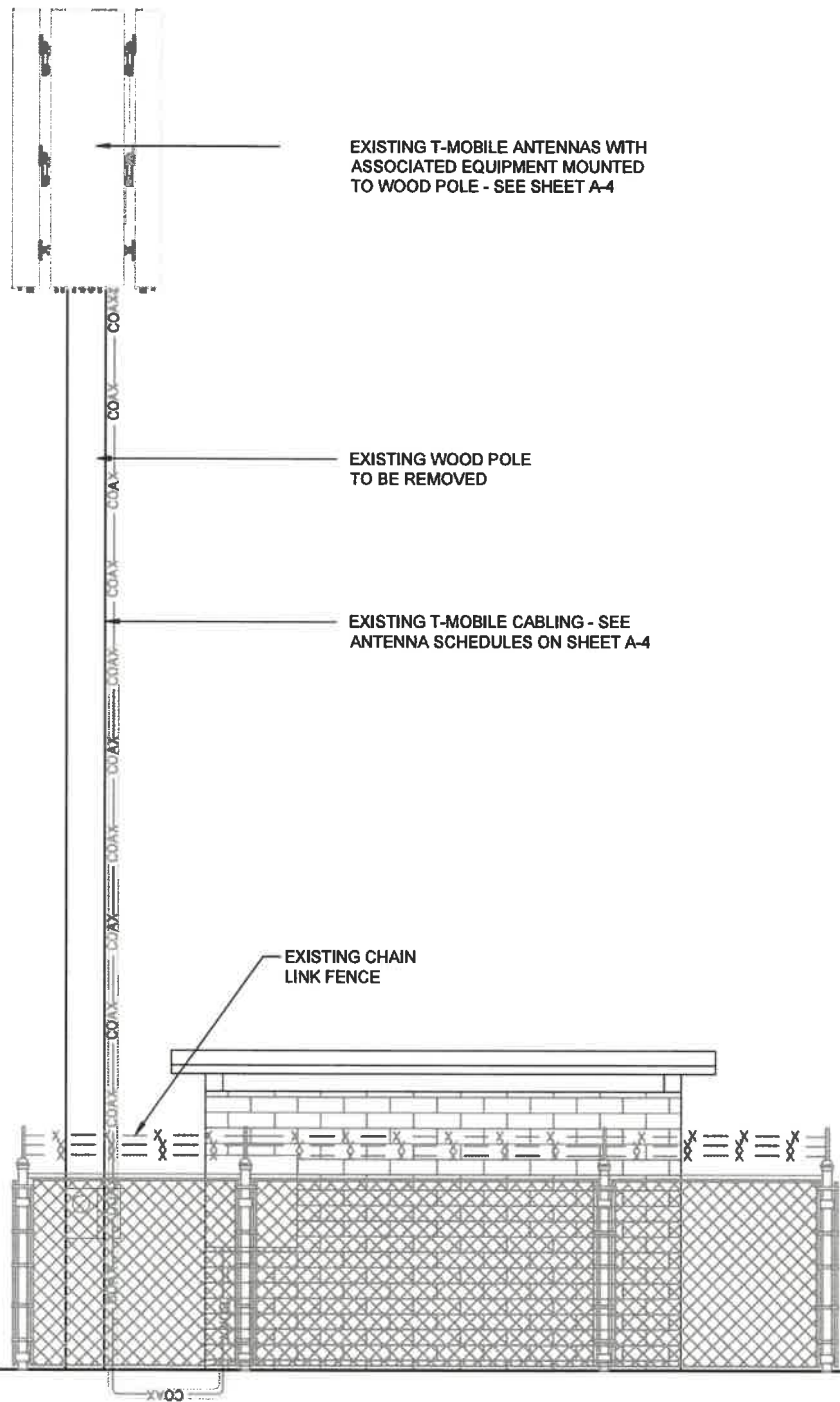
SHEET NUMBER:

A-2

REVISION:

2

- TOP OF EXISTING T-MOBILE ANTENNAS
ELEV. = ±39'-5" AGL
- TOP OF EXISTING WOOD POLE
ELEV. = ±38'-2" AGL
- 1 OF EXISTING T-MOBILE ANTENNAS
ELEV. = ±35'-5" AGL

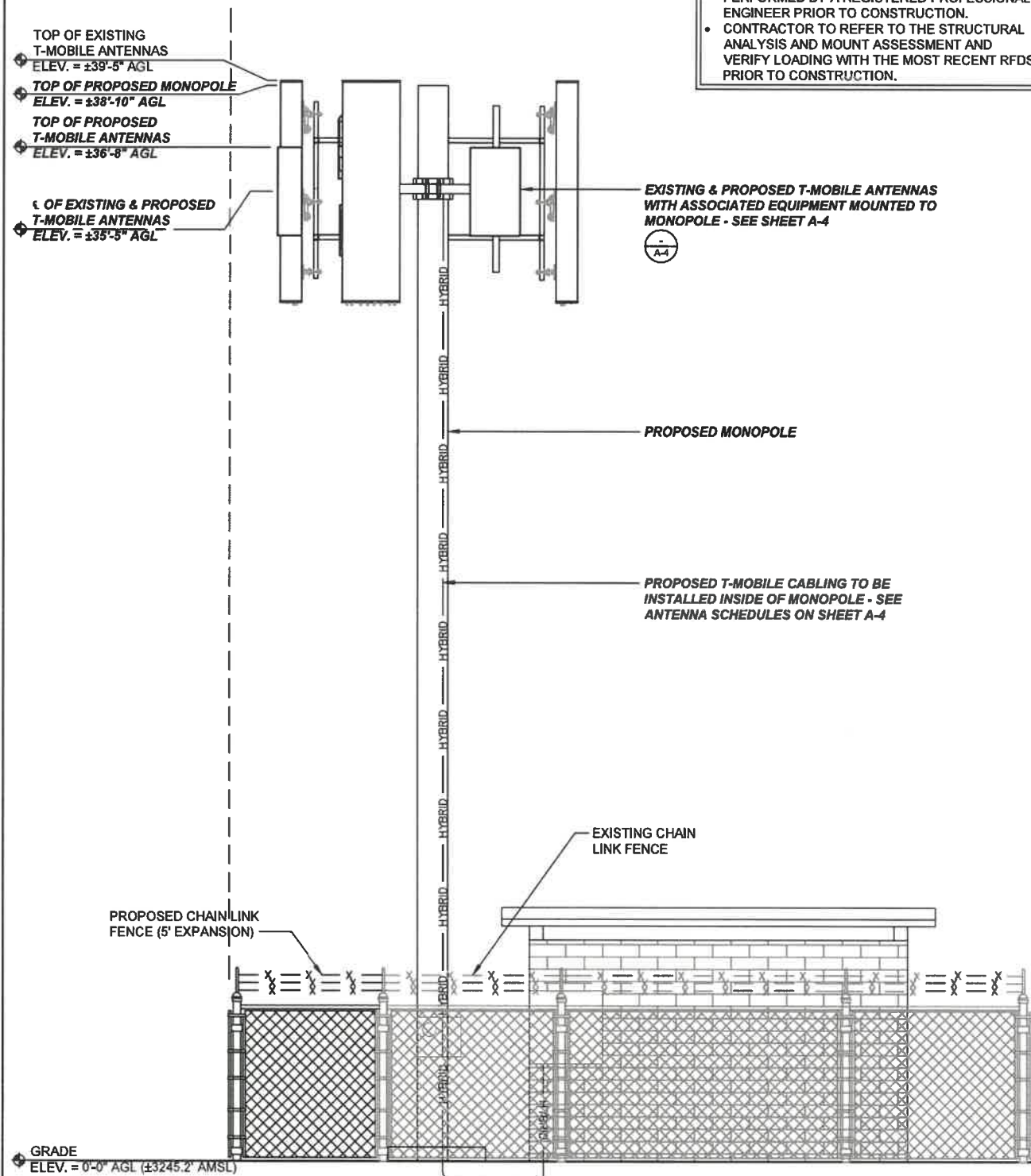


2 EXISTING NORTHWEST ELEVATION

22"x34" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"

- NOTE:
- PAINT TOWER AND ALL TOWER-MOUNTED EQUIPMENT TO BLEND IN WITH THE JUNIPER FOREST- JUNIPER ASH

- TOP OF EXISTING T-MOBILE ANTENNAS
ELEV. = ±39'-5" AGL
- TOP OF PROPOSED MONOPOLE
ELEV. = ±38'-10" AGL
- TOP OF PROPOSED T-MOBILE ANTENNAS
ELEV. = ±36'-8" AGL
- 1 OF EXISTING & PROPOSED T-MOBILE ANTENNAS
ELEV. = ±35'-5" AGL



1 PROPOSED NORTHWEST ELEVATION

- NOTES:
- THESE DRAWINGS ARE NOT INTENDED TO BE A VERIFICATION THAT THE STRUCTURE OR MOUNTS ARE ADEQUATE TO SUPPORT THE PROPOSED LOADING. VERIFICATION THAT THE EXISTING STRUCTURE AND MOUNTS CAN SUPPORT THE PROPOSED LOADING SHALL BE PERFORMED BY A REGISTERED PROFESSIONAL ENGINEER PRIOR TO CONSTRUCTION.
 - CONTRACTOR TO REFER TO THE STRUCTURAL ANALYSIS AND MOUNT ASSESSMENT AND VERIFY LOADING WITH THE MOST RECENT RFDS PRIOR TO CONSTRUCTION.



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SHEET TITLE:
NORTHWEST ELEVATIONS

SHEET NUMBER:
A-3

REVISION:
2

EXISTING ANTENNA / CABLE SCHEDULE

MOUNT SECTOR	RFDS POSITION	RAD CENTER	ANTENNA					RRH	TMA/COMBINER/COVP	HYBRID CABLE (HCS)			COAX CABLE		
			MODEL	SIZE	AZIMUTH	M. TILT	QTY.			QTY.	TYPE	LENGTH	QTY.	TYPE	LENGTH
ALPHA	A1	35°-5"	FFHH-65C-R3	95.9"	355°	0°	1	AHLOA	-	1	ASU9325TYP01	±75'-0"	12	7/8"	±61'-0"
	-	-	-	-	-	-	-	-	-						
	-	-	-	-	-	-	-	-	-						
BETA	B1	35°-5"	FFHH-65C-R3	95.9"	85°	0°	1,2	AHLOA, FXFC	-						
	-	-	-	-	-	-	-	-	-						
	-	-	-	-	-	-	-	-	-						
GAMMA	C1	35°-5"	FFHH-65C-R3	95.9"	240°	0°	1	AHLOA	1						
	-	-	-	-	-	-	-	-	-						
	-	-	-	-	-	-	-	-	-						

NOTES

- CONTRACTOR IS TO REFER TO T-MOBILE'S MOST CURRENT RADIO FREQUENCY DATA SHEET (RFDS) PRIOR TO CONSTRUCTION.
- CABLE LENGTH IS APPROXIMATE. CONTRACTOR TO FIELD VERIFY CABLE LENGTHS PRIOR TO ORDERING, FABRICATION, OR INSTALLATION OF CABLES.
- PROPOSED EQUIPMENT IS INDICATED BY **BOLD** TEXT.

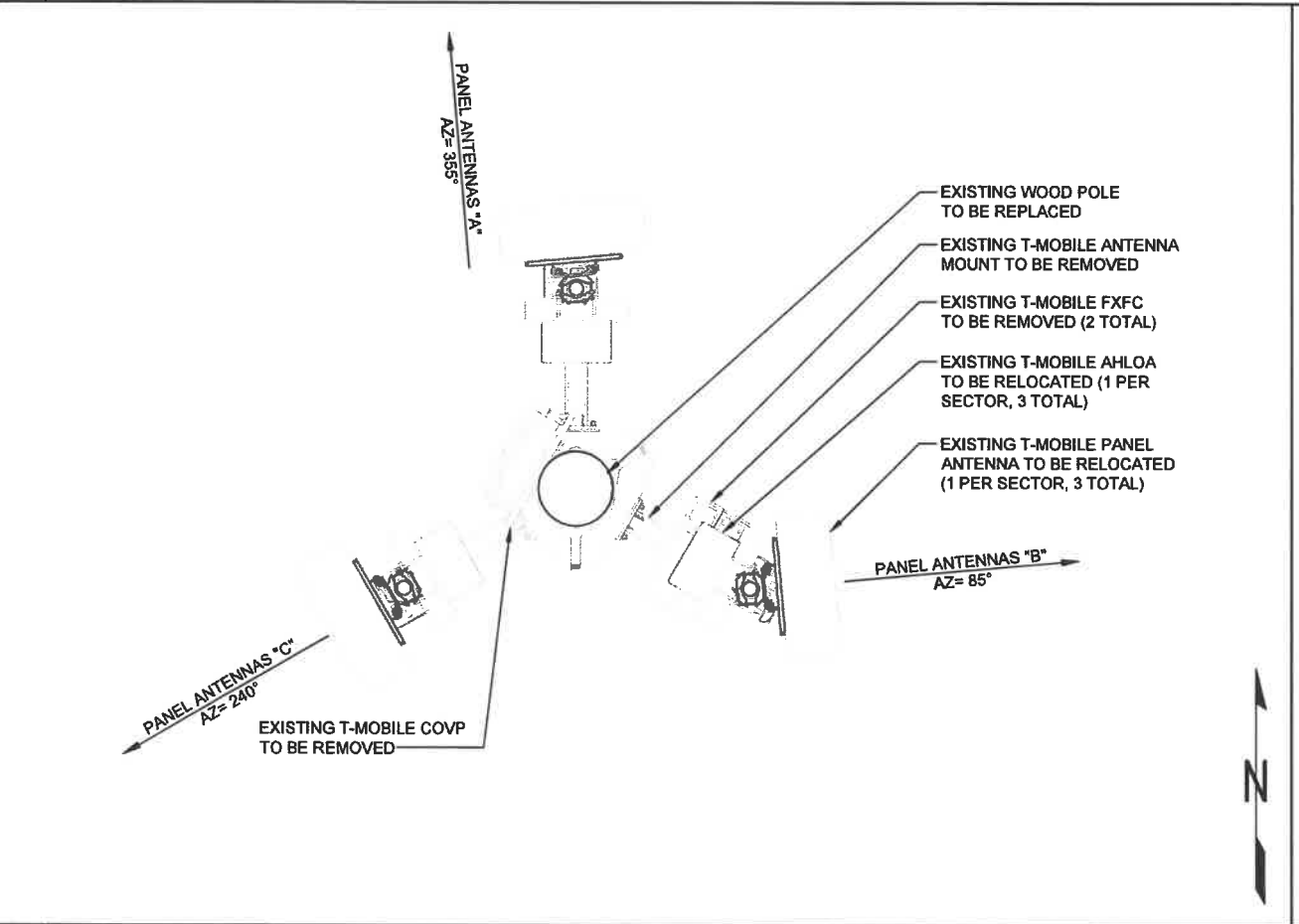
PROPOSED ANTENNA / CABLE SCHEDULE

MOUNT SECTOR	RFDS POSITION	RAD CENTER	ANTENNA					RRH	TMA/COMBINER/COVP	HYBRID CABLE (HCS)			COAX CABLE		
			MODEL	SIZE	AZIMUTH	M. TILT	QTY.			QTY.	TYPE	LENGTH	QTY.	TYPE	LENGTH
ALPHA	A2	36°-0"	AEHC	38.2"	355°	0°	-	-	-	2	FD21206-48S55-XXX	±75'-0"	-	-	-
	A1	36°-0"	FFHH-65C-R3	95.9"	355°	0°	1,1	AHLOA, AHFIG	-						
	-	-	-	-	-	-	-	-	-						
BETA	B2	36°-0"	AEHC	38.2"	85°	0°	-	-	-						
	B1	36°-0"	FFHH-65C-R3	95.9"	85°	0°	1,1	AHLOA, AHFIG	-						
	-	-	-	-	-	-	-	-	-						
GAMMA	C2	36°-0"	AEHC	38.2"	240°	0°	-	-	-						
	C1	36°-0"	FFHH-65C-R3	95.9"	240°	0°	1,1	AHLOA, AHFIG	-						
	-	-	-	-	-	-	-	-	-						

NOTE: MOUNT SECTORS ARE CLOCKWISE. RFDS POSITIONS ARE THE ANTENNA POSITIONS LISTED IN THE RFDS, AND MAY DIFFER FROM THE ORDER IN WHICH EXISTING ANTENNAS ARE INSTALLED. THE METHOD FOR WHAT ORDER ANTENNAS ARE LISTED IN THE RFDS VARIES DEPENDING ON THE MARKET.

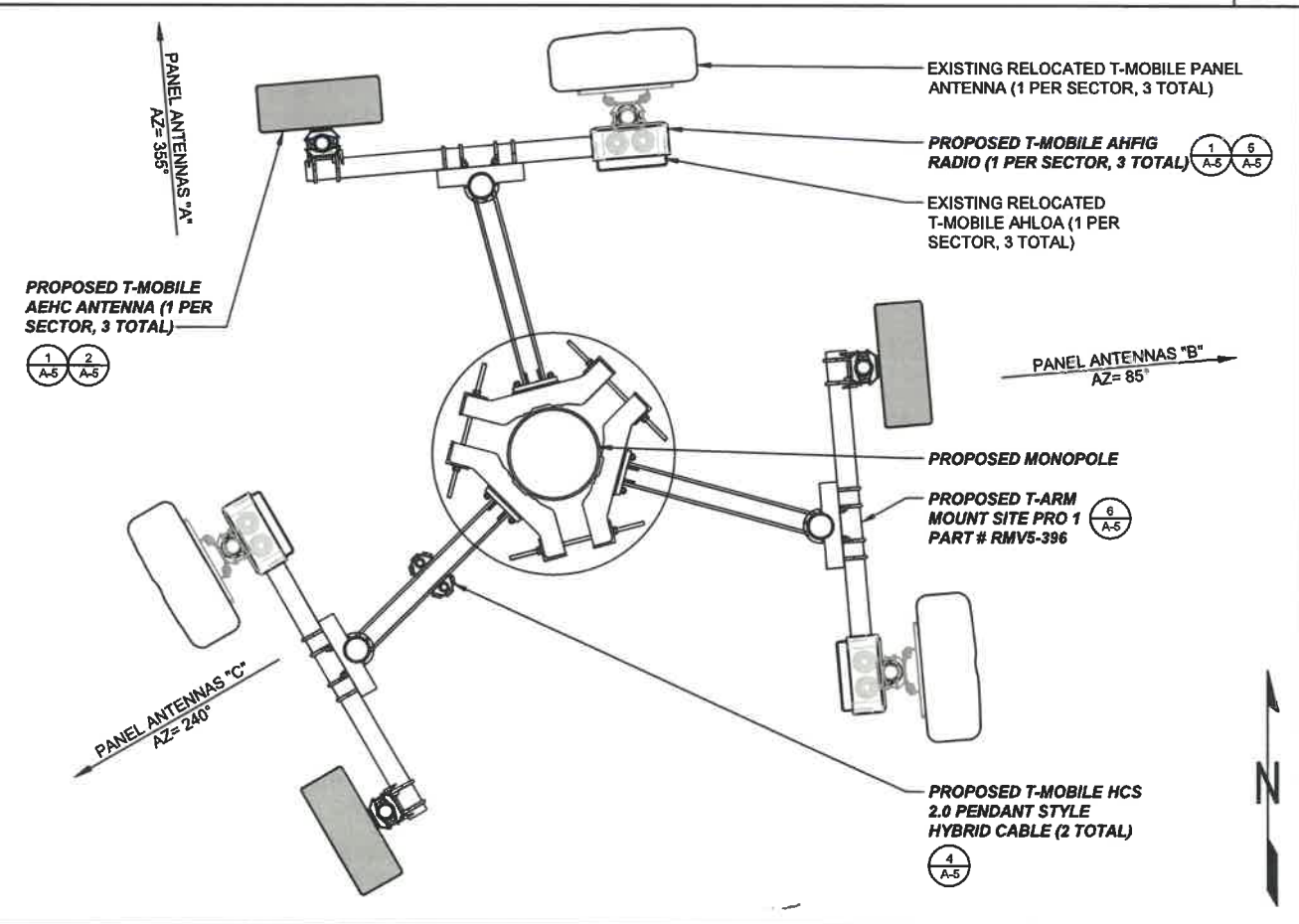
3 RF SCHEDULES

NOT TO SCALE



2 EXISTING ANTENNA PLAN

22"x34" SCALE: 3/4" = 1'-0"
11"x17" SCALE: 3/8" = 1'-0"



1 PROPOSED ANTENNA PLAN

22"x34" SCALE: 3/4" = 1'-0"
11"x17" SCALE: 3/8" = 1'-0"

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B	10/14/20	TLT	100% CONSTRUCTION	PD
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2	07/29/21	CAP	100% CONSTRUCTION	PD

SHEET TITLE:

ANTENNA PLANS
& RF SCHEDULES

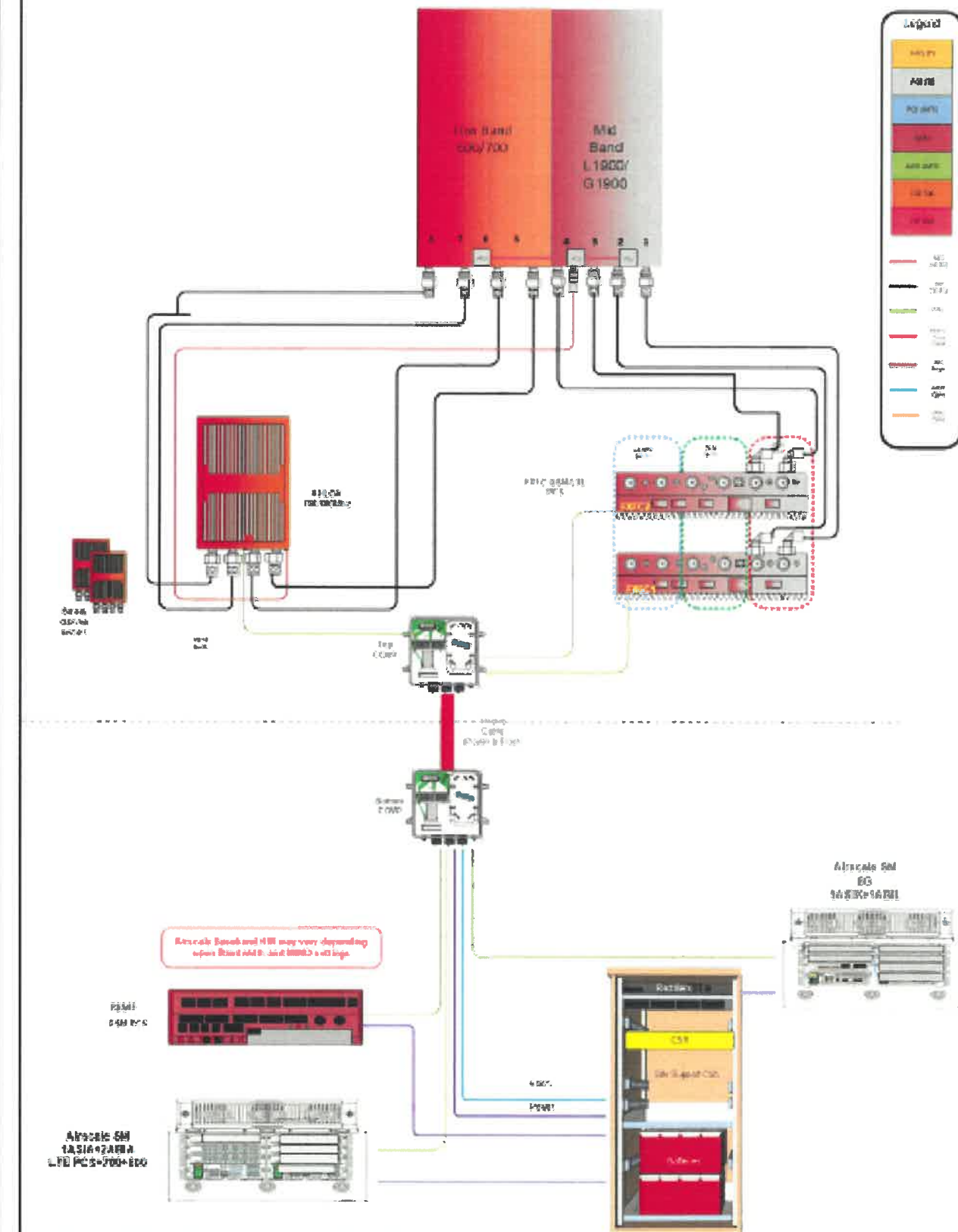
SHEET NUMBER:

A-4

REVISION:

2

Configuration 6700C_R4

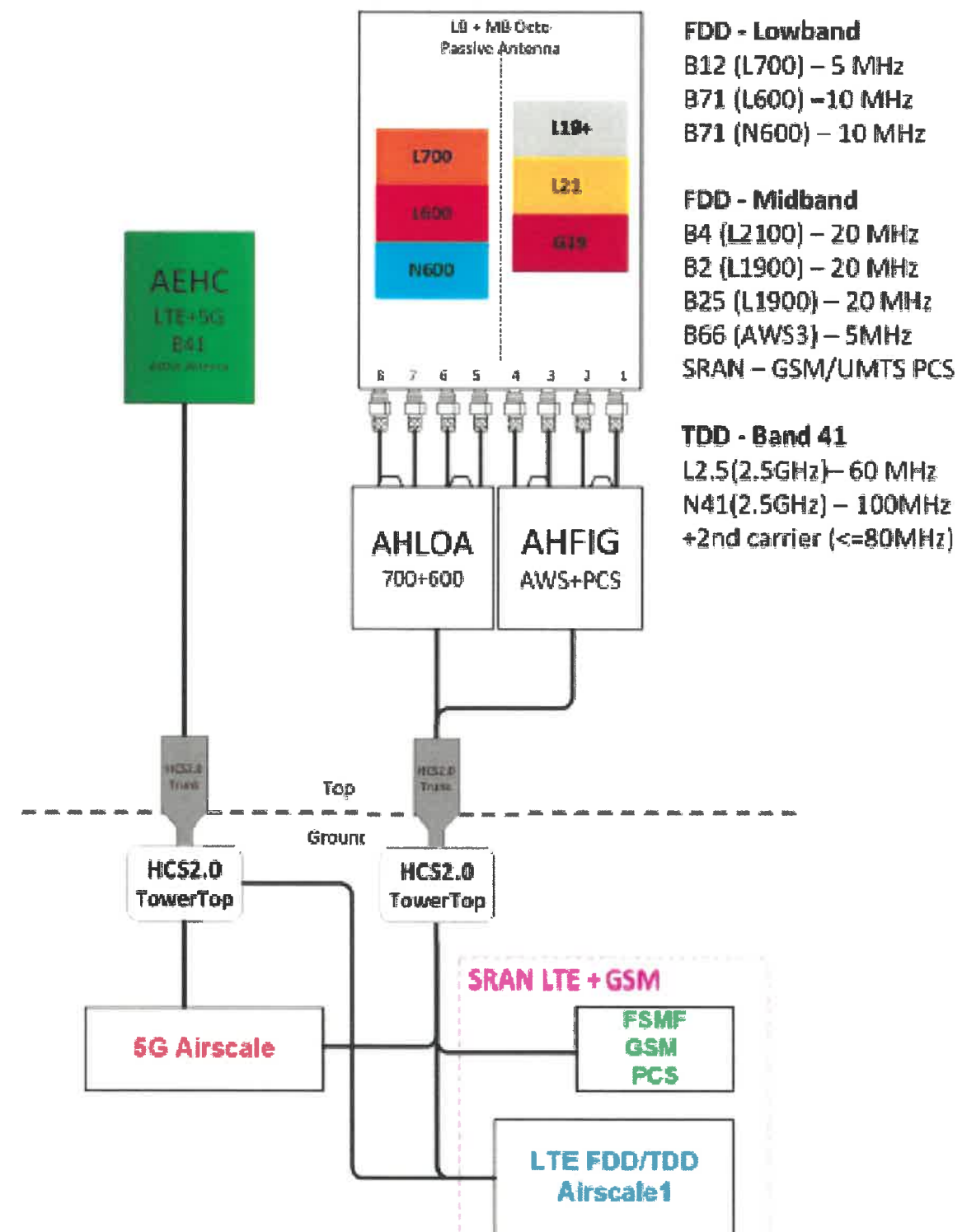


Notes: Baseband E84M3 using for G1900 as per OSS guidelines.

Configuration 56791EZ_SR

* For 5G and LTE Aircscale BB dimensioning refer to Fiber Port matrices.

(Alpha, Beta & Gamma)



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SHEET TITLE:

RF PLUMBING DIAGRAMS

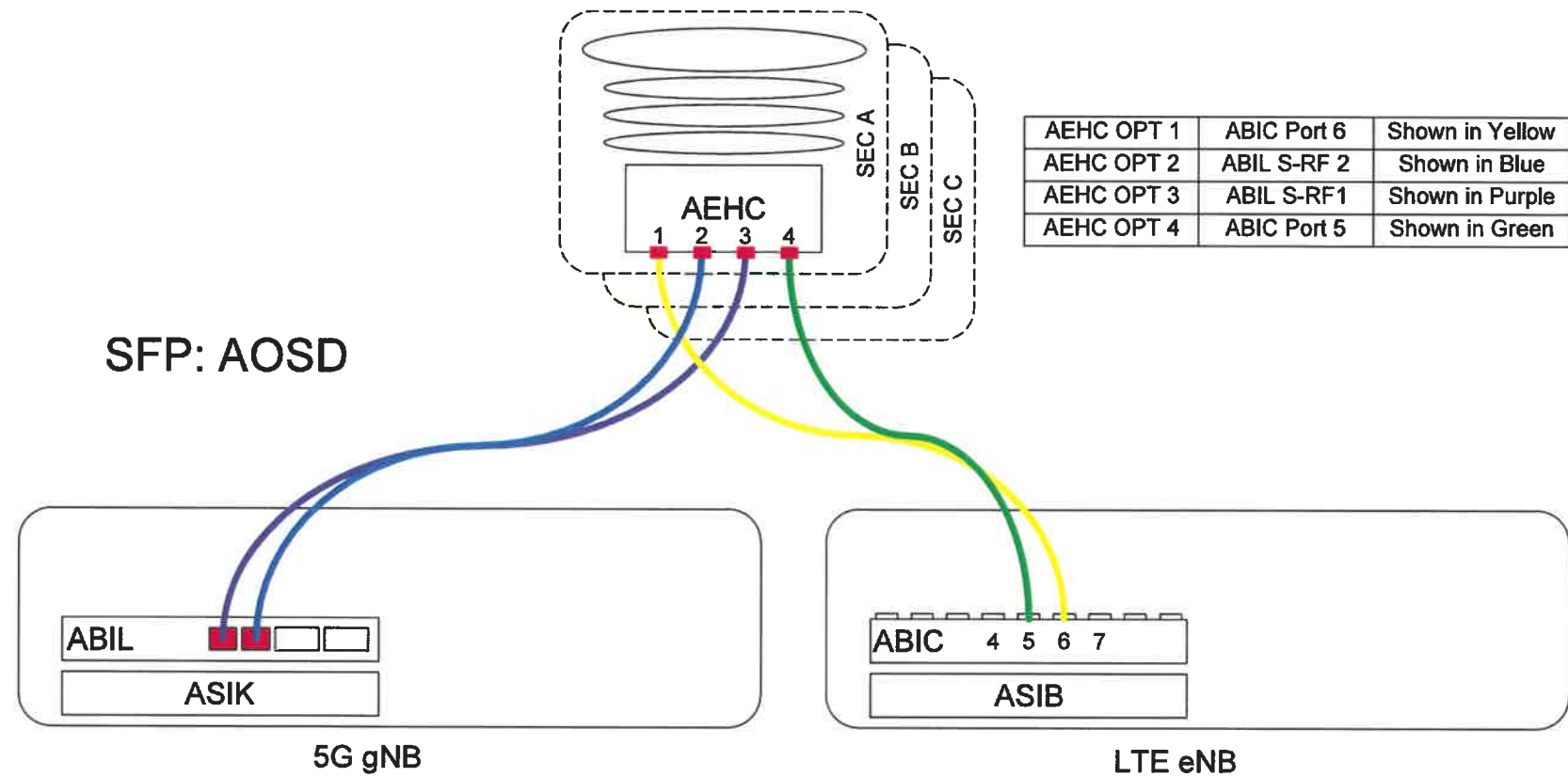
SHEET NUMBER:

A-4.1

REVISION:

2

INSTALL LOWER AND UPPER JUMPERS TO PROPER BB AND RF PORTS.



AEHC OPT 1	ABIC Port 6	Shown in Yellow
AEHC OPT 2	ABIL S-RF 2	Shown in Blue
AEHC OPT 3	ABIL S-RF1	Shown in Purple
AEHC OPT 4	ABIC Port 5	Shown in Green

LTE TDD - B41 (2.5GHz)				
RF Module	Port	Baseband	Port	Technology
AEHC1	OPT4	ABIC1	RF5	L41 - Alpha
AEHC1	OPT1	ABIC1	RF6	L41 - Alpha
AEHC2	OPT4	ABIC2	RF5	L41 - Beta
AEHC2	OPT1	ABIC2	RF6	L41 - Beta
AEHC3	OPT4	ABIC3	RF5	L41 - Gamma
AEHC3	OPT1	ABIC3	RF6	L41 - Gamma

NR TDD - B41 (2.5GHz)				
RF Module	Port	Baseband	Port	Technology
AEHC1	OPT3	ABIC1	S-RF1	N41 - Alpha
AEHC1	OPT2	ABIC1	S-RF2	N41 - Alpha
AEHC2	OPT3	ABIC2	S-RF1	N41 - Beta
AEHC2	OPT2	ABIC2	S-RF2	N41 - Beta
AEHC3	OPT3	ABIC3	S-RF1	N41 - Gamma
AEHC3	OPT2	ABIC3	S-RF2	N41 - Gamma

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2	07/28/21	CAP	100% CONSTRUCTION	PD

FOR REFERENCE ONLY

SHEET TITLE:

AEHC CABLING
DIAGRAM

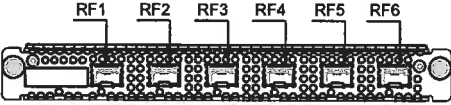
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A-4.2

REVISION:

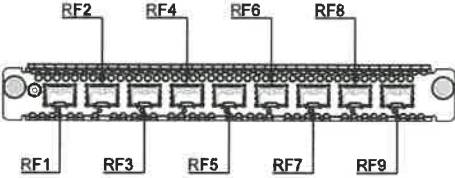
2

MANUFACTURER: NOKIA
MODEL: ABIA UNIT
DIMENSIONS: 8.6"x14.2"x1.1"
WEIGHT: 4.6 LBS



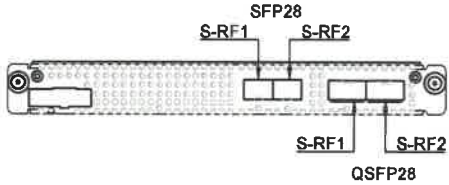
11ABIA DETAILNOT TO SCALE

MANUFACTURER: NOKIA
MODEL: ABIB UNIT
DIMENSIONS: 8.6"x14.2"x1.7"
WEIGHT: 5.8 LBS



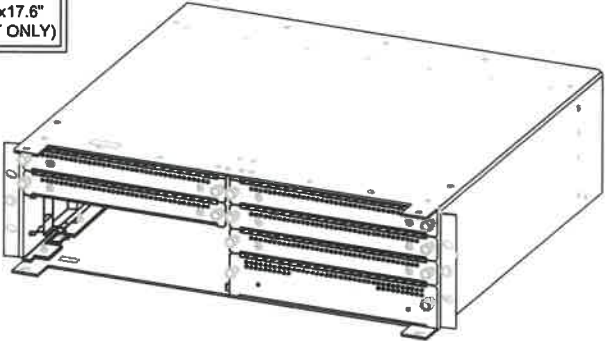
10ABIC DETAILNOT TO SCALE

MANUFACTURER: NOKIA
MODEL: ABIL UNIT
DIMENSIONS: 8.6"x14.2"x1.1"
WEIGHT: 4.4 LBS



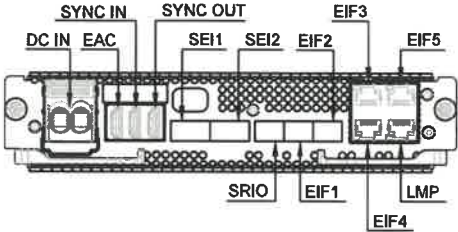
9ABIL DETAILNOT TO SCALE

MANUFACTURER: NOKIA
MODEL: AMIA UNIT
DIMENSIONS: 5.1"x15.7"x17.6"
WEIGHT: 11.2 LBS (UNIT ONLY)



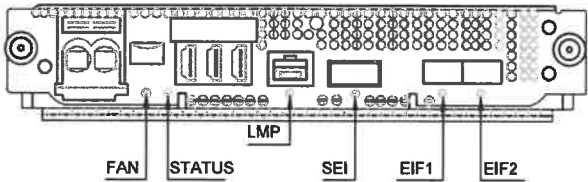
8AMIA DETAILNOT TO SCALE

MANUFACTURER: NOKIA
MODEL: ASIB UNIT
DIMENSIONS: 8.6"x14.2"x1.7"
WEIGHT: 6.4 LBS




7ASIB DETAILNOT TO SCALE

MANUFACTURER: NOKIA
MODEL: ASIK UNIT
DIMENSIONS: 8.6"x14.2"x1.7"
WEIGHT: 6.6 LBS



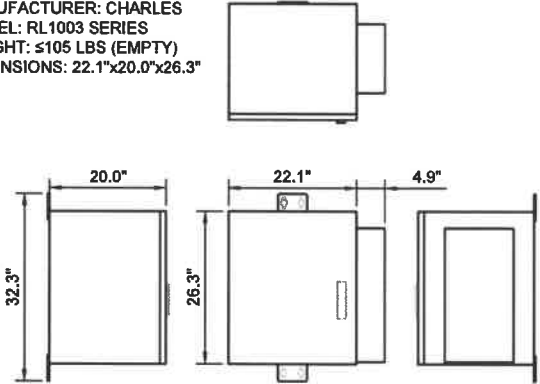
6ASIK DETAILNOT TO SCALE

MANUFACTURER: RAYCAP
MODEL: 100-3-1U
DIMENSIONS: TBD
WEIGHT: TBD




5VOLTAGE BOOSTER DETAILNOT TO SCALE

MANUFACTURER: CHARLES
MODEL: RL1003 SERIES
WEIGHT: ≤105 LBS (EMPTY)
DIMENSIONS: 22.1"x20.0"x26.3"

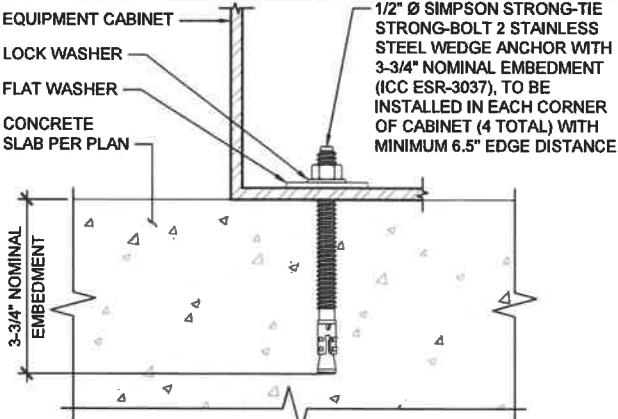


4TELCO BOX DETAILNOT TO SCALE

MANUFACTURER: NOKIA
MODEL: IXR-e
DIMENSIONS: 17.25"x10.0"x1.75"
WEIGHT: TBD



3ROUTER DETAILNOT TO SCALE

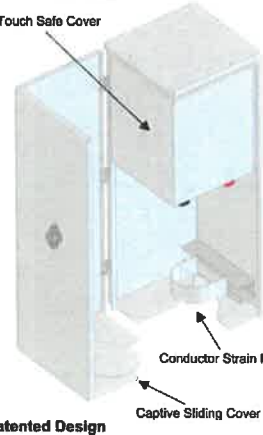


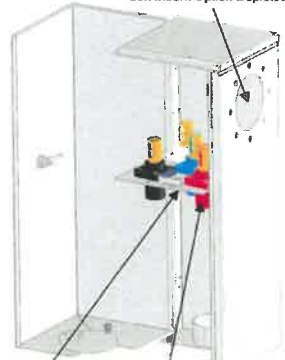
2CABINET ATTACHMENTNOT TO SCALE

PanLoc™ Alternate Power Connection
The PanLoc™ Alternate Power Connection is designed to replace commonly used generator connections. PanLoc™ eliminates compatibility issues and the need for costly receptacles and plugs.

Electrical:

- Rated up to 400A, 120/208V or may be used in Single Phase Applications
- Plug Rated 2/0 to 4/0 AWG
- Receptacle Rated #4 to 4/0 AWG
- Male or Female Connection Options
- Color Coded Design for Safety
- Solid Brass Machined Connectors
- UL 1008 Listed






Mechanical:

- NEMA Type 3R Outdoor Rating
- Adapts to Multiple Existing Receptacle Bolt Patterns
- Left or Right Mount Options
- Lockable External Door Latch
- Lockable Cabinet Design Prevents Tampering When Connected
- Captive Cover Keeps Insects and Rodents out.
- No Special Tools Required for Connection
- Dimensions: 24"H x 9"W x 9"D
- Weight: 20lbs – Aluminum Construction

1CAM-LOK DETAILNOT TO SCALE

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DRAWINGS ISSUED FOR:

REV.	DATE	DRAWN	DESCRIPTION	QA/QC
A	09/29/20	RCD	PRELIMINARY REVIEW	PD
0	10/14/20	TLT	100% CONSTRUCTION	PD
1	06/02/21	TJB/HL	100% CONSTRUCTION	TT
2	07/29/21	CAP	100% CONSTRUCTION	PD

SHEET TITLE:
**EQUIPMENT
DETAILS**

SHEET NUMBER:
A-6

REVISION:
2

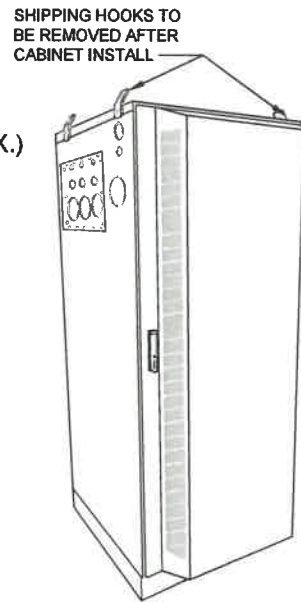
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MANUFACTURER: DELTA
MODEL: HPL3 SITE SUPPORT
CABINET
WEIGHT: 551 LBS (WITHOUT
EQUIPMENT) 1800 LBS (MAX.)
DIMENSIONS: 30.0"x35.0"x72.0"

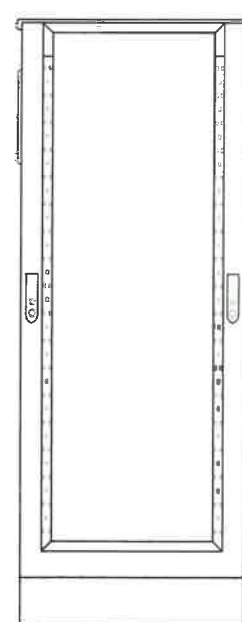
- NOTE:
- CORRECT KNOCKOUT TOOL REQUIRED FOR PUNCHING KNOCKOUTS. DO NOT DRILL KNOCKOUTS THROUGH
 - CONDUIT MUST BE PROPERLY SECURED TO PREVENT DAMAGE TO CABINETS AND/OR CABLING

RACK ASSIGNMENT		
RU SLOT	DESCRIPTION	DESCRIPTION
27		CSR - SAR/SAS
26		
25		
24	AIRSCALE	
23		
22	FIBER MUX	
21		
20	AIRSCALE	
19		
18	FIBER MUX	
17		
16	AIRSCALE	
15		
14	FIBER MUX	
13		
12	AIRSCALE	
11		
10	FIBER MUX	
9		
8	LEGACY BASEBAND	
7		
6	LEGACY BASEBAND	
5		
4	LEGACY BASEBAND	
3		
2	LEGACY BASEBAND	
1		

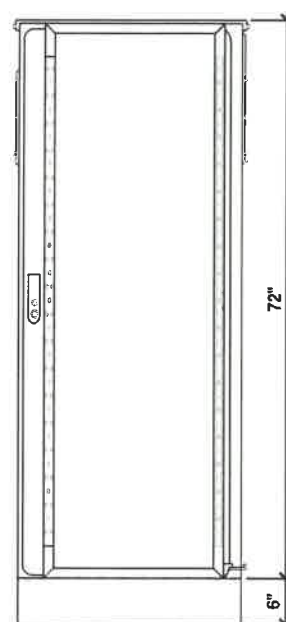
SHIPPING HOOKS TO BE REMOVED AFTER CABINET INSTALL



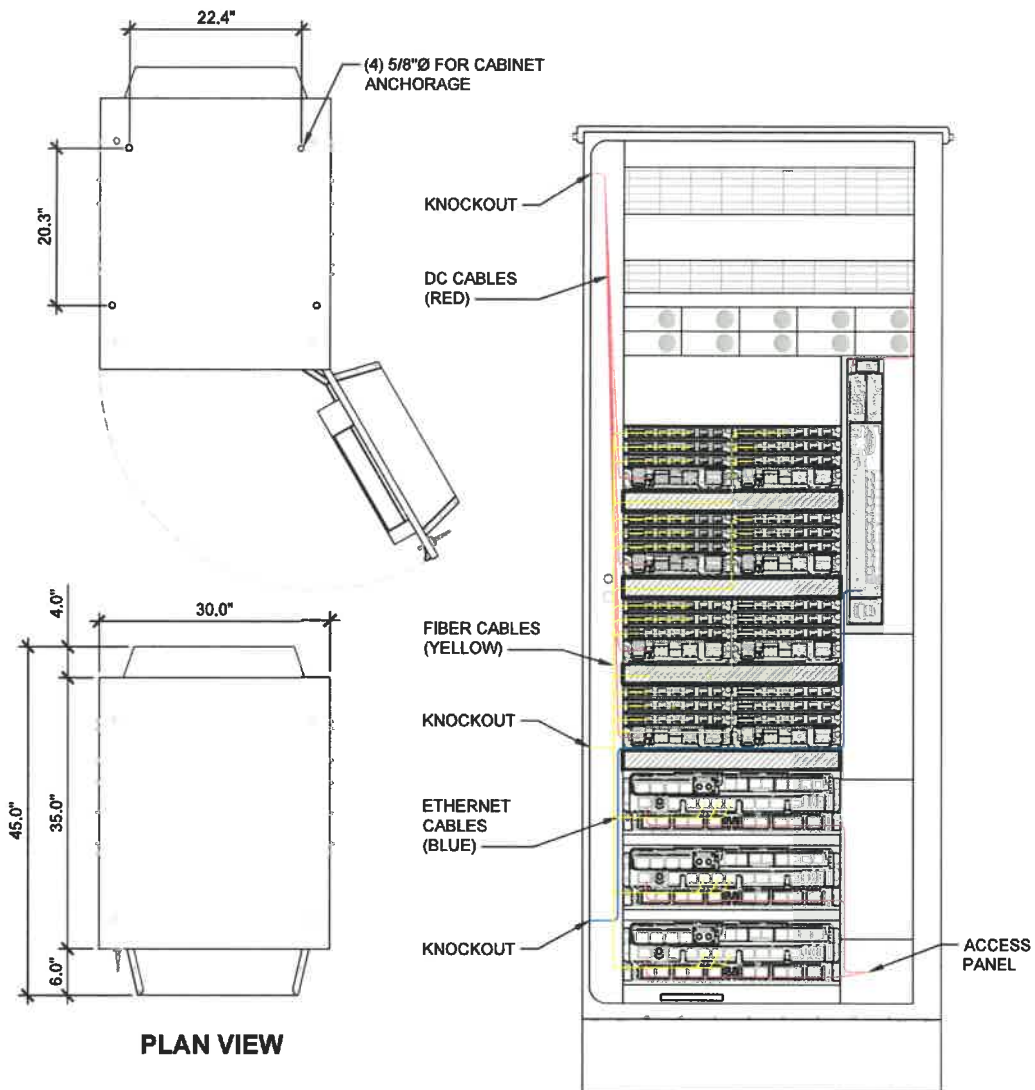
ISO VIEW N.T.S.



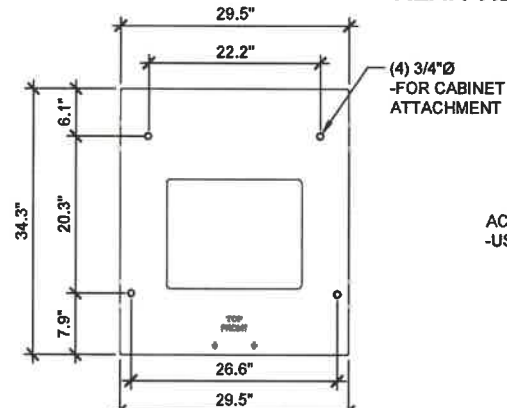
REAR VIEW



FRONT VIEW

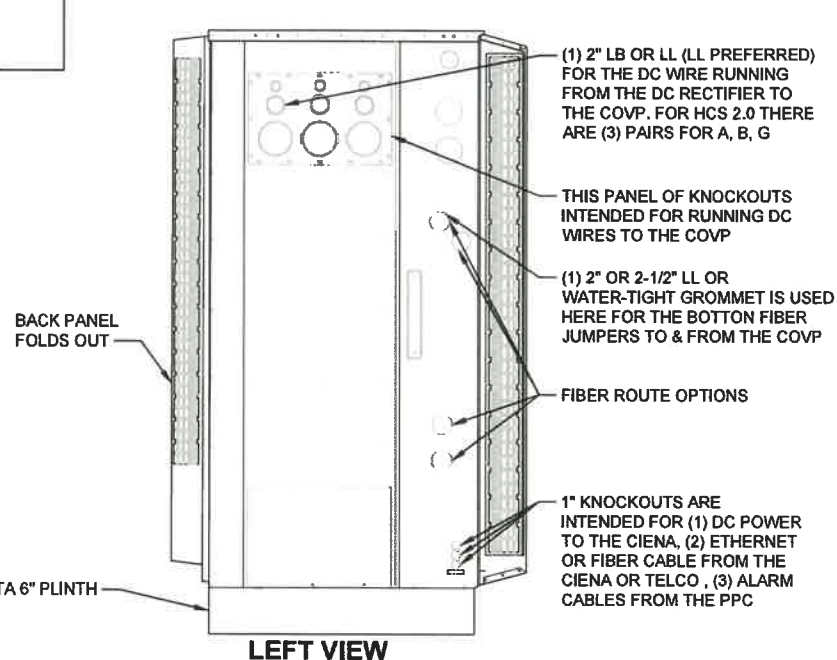


PLAN VIEW

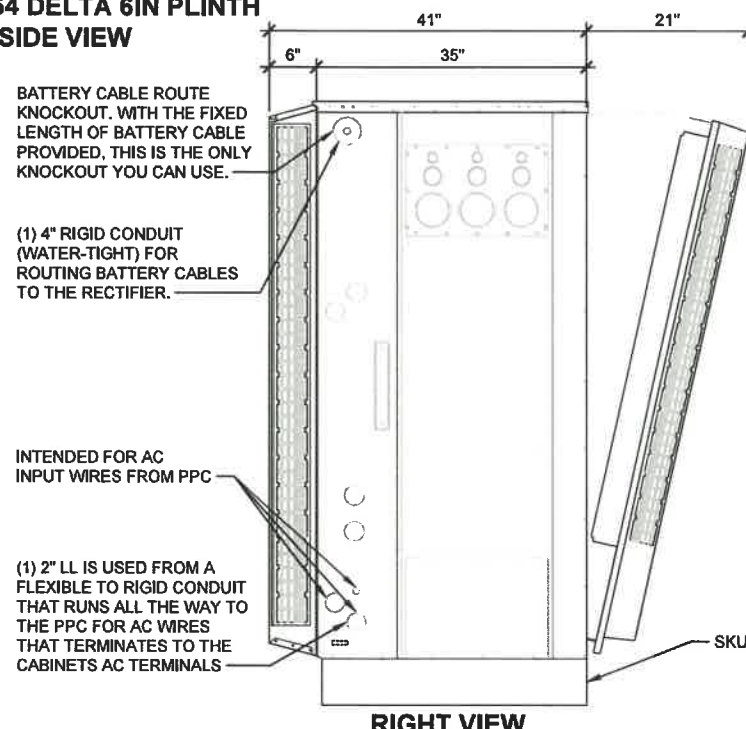


SKU# 33554 DELTA 6in PLINTH
PLAN VIEW

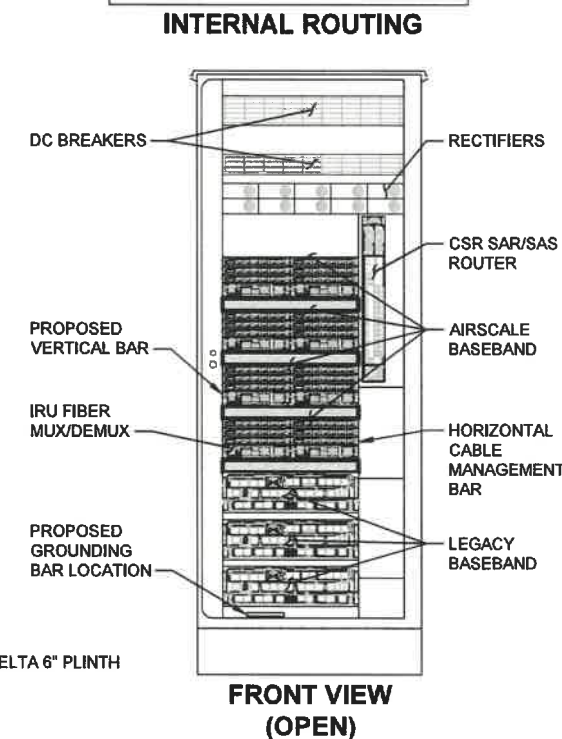
SKU# 33554 DELTA 6in PLINTH
SIDE VIEW



LEFT VIEW



RIGHT VIEW



FRONT VIEW (OPEN)

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A	09/29/20	RCD	PRELIMINARY REVIEW	PD
0	10/14/20	TLT	100% CONSTRUCTION	PD
1	06/02/21	TJB/HIL	100% CONSTRUCTION	TT
2	07/28/21	CAP	100% CONSTRUCTION	PD

SHEET TITLE:

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DETAILS

SHEET NUMBER:

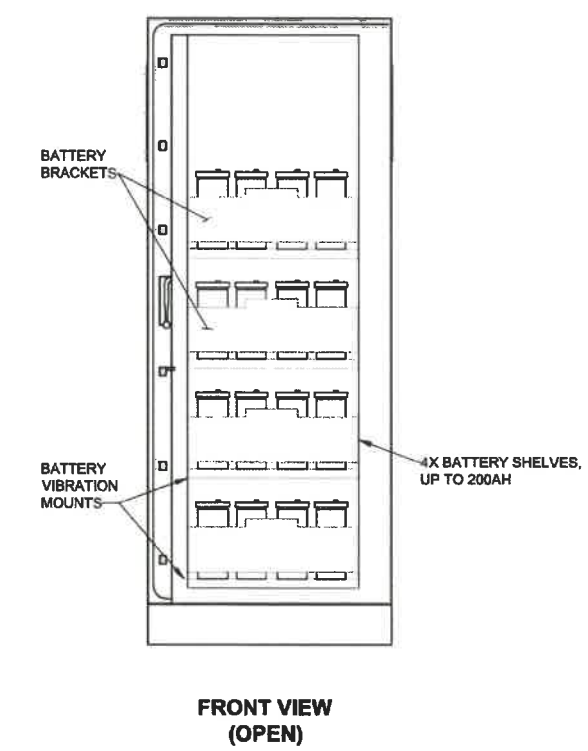
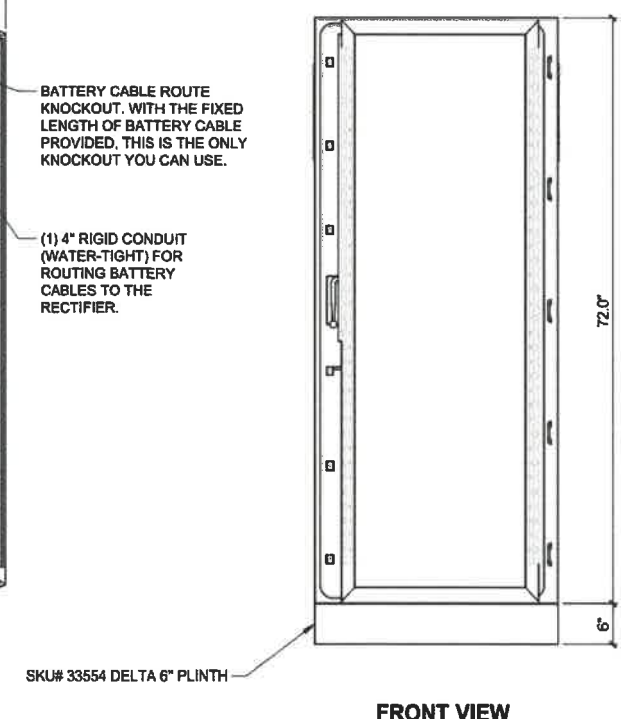
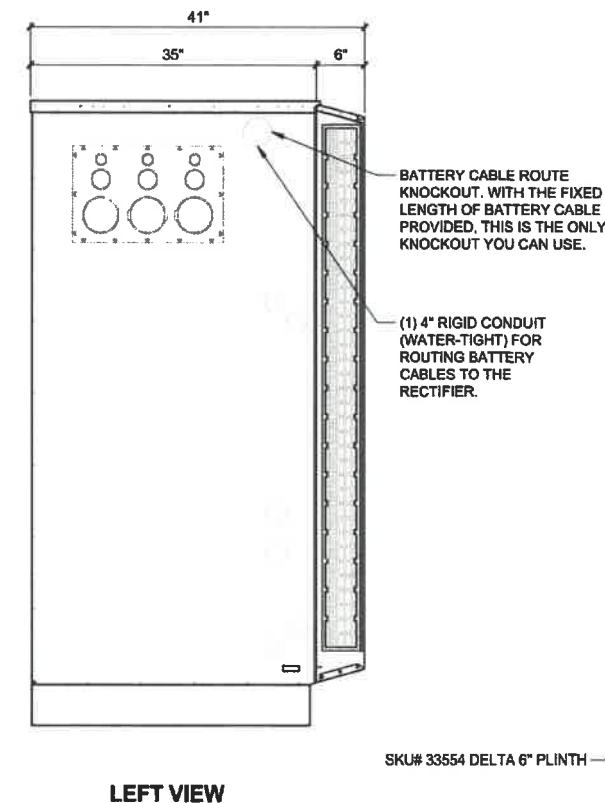
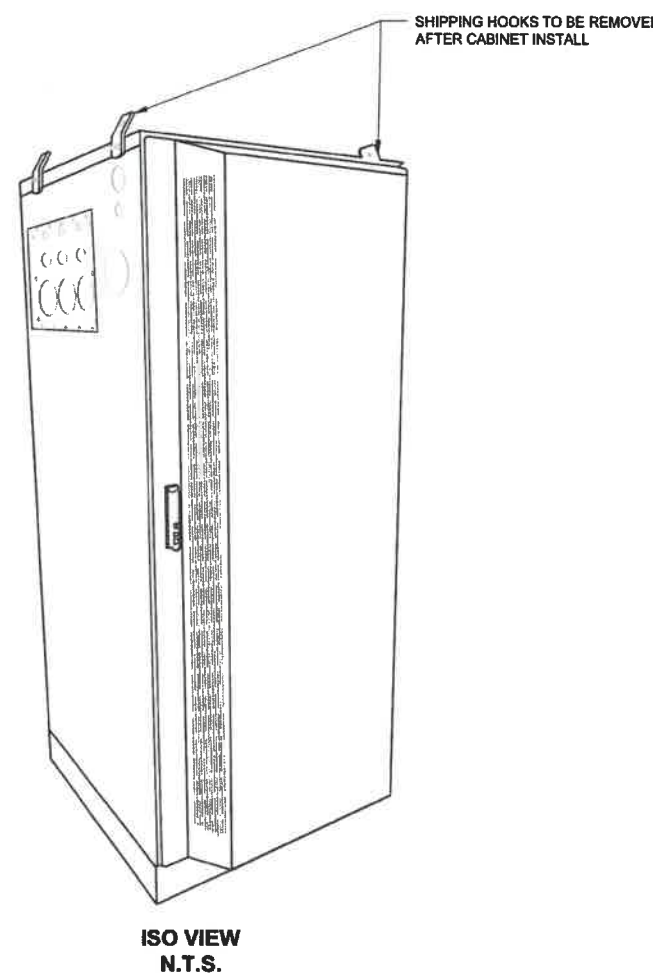
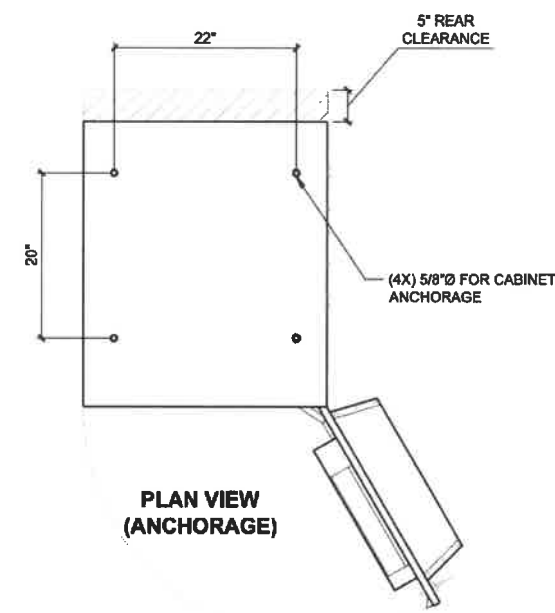
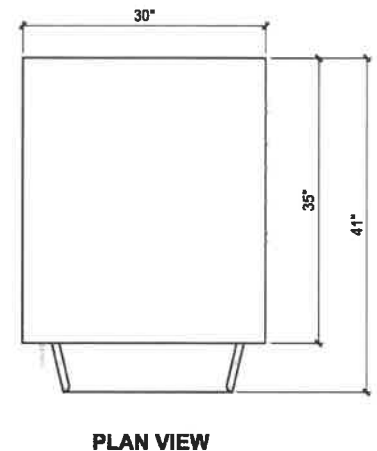
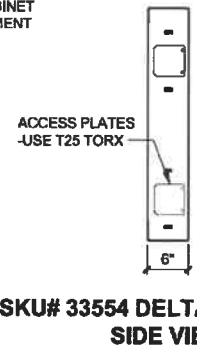
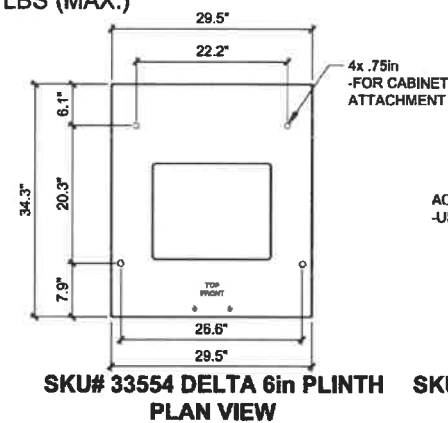
A-6.1

REVISION:

2

MANUFACTURER: DELTA
MODEL: LB3 BATTERY SUPPORT CABINET
WEIGHT: 509 LBS (WITHOUT EQUIPMENT) 2750 LBS (MAX.)
DIMENSIONS: 30.0"x35.0"x72.0"

- NOTE:
- CORRECT KNOCKOUT TOOL REQUIRED FOR PUNCHING KNOCKOUTS. DO NOT DRILL KNOCKOUTS THROUGH
 - CONDUIT MUST BE PROPERLY SECURED TO PREVENT DAMAGE TO CABINETS AND/OR CABLING



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DRAWINGS ISSUED FOR:

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2	07/29/21	CAP	100% CONSTRUCTION	PD

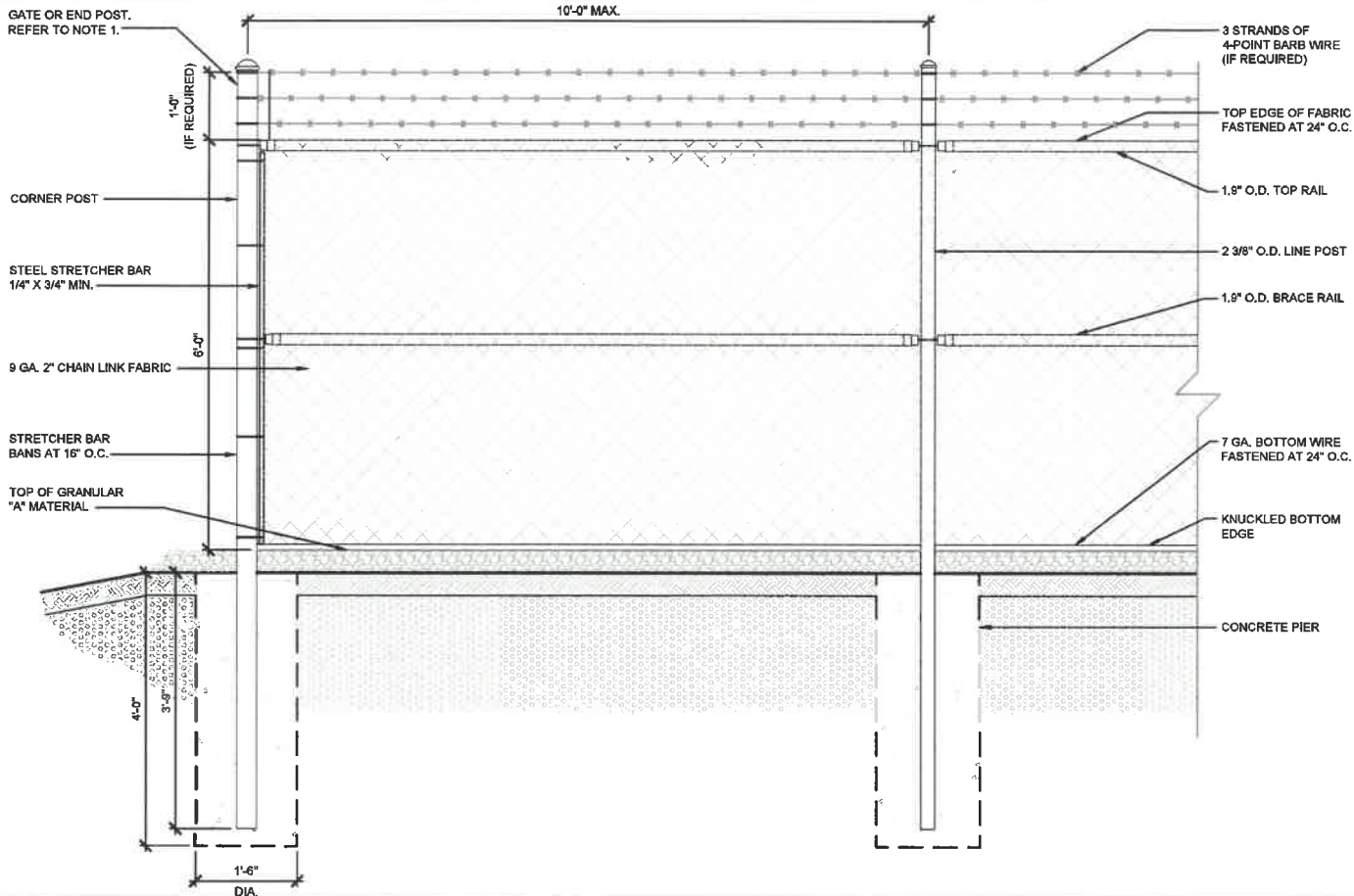
SHEET TITLE:
**EQUIPMENT
DETAILS**

SHEET NUMBER:
A-6.2

REVISION:
2

FENCING NOTES

1. GATE POST, CORNER, END, OR PULL POST 3" STD. (3.5" O.D.) SCHEDULE 40 X6 PIPE, FOR GATE WIDTHS UP TO 6' OR 12' FOR DOUBLE SWING GATE PER ASTM-F1083.
2. LINE POST: 2" (2-3/8" O.D.) 3.65LBS/LIN. FT. ASTM-F1083.
3. TOP RAIL AND BRACE RAIL: 1 1/2" (1.9" O.D.) PIPE. 2.72 LBS/LIN. FT. ASTM-F1083. INSTALL BRACE AT ALL CORNER LOCATIONS AND ADJACENT TO GATES.
4. GATE FRAME: 1 1/2" STD. (1.9" O.D.) PIPE. 2.72 LBS/LIN. FT. ASTM-F1083.
5. FABRIC SHALL BE TWO-INCH CHAIN LINK MESH NO. 9 GAUGE (0.148") WIRE. THE FABRIC SHALL HAVE A KNUCKLED FINISH FOR THE TOP SELVAGES. FABRIC SHALL CONFORM TO ASTM A-392 CLASS 1.
6. TIE WIRE: MINIMUM 11 GAUGE GALVANIZED STEEL. PROVIDE A SINGLE WRAP OF FABRIC TIE AT POSTS, RAILS, AND AT TENSION WIRE BY HOG RINGS. MAXIMUM SPACING OF 24" O.C.
7. TENSION WIRE: MINIMUM 7 GAUGE GALVANIZED STEEL.
8. BARB WIRE: DOUBLE STRAND 12 GAUGE 1/2" O.D. TWISTED WIRE TO MATCH WITH FABRIC, 14 GAUGE 4PT. BARBS SPACED ON APPROXIMATE 5" CENTERS.
9. BARB WIRE GATE GUARDS SHALL BE FITTED WITH DOME CAPS.
10. BARB WIRE SUPPORT ARMS SHALL BE PRESSED STEEL COMPLETE WITH SET BOLT AND LOCK WIRE IN THE ARM.
11. PROVIDE (2) 6" WIDE SWING OUT GATES (UNLESS NOTED OTHERWISE) NO PERSONNEL GATES ARE REQUIRED (UNLESS AS DIRECTED BY THE CONSTRUCTION MANAGER). GATES SHALL BE ABLE TO LOCK.
12. GATE POSTS SHALL BE EXTENDED 12", INCLUDING DOME CAP, TO PROVIDE FOR ATTACHMENT OF BARB WIRE.
13. GATE FRAMES SHALL HAVE A FULL HEIGHT VERTICAL BRACE AND A FULL WIDTH HORIZONTAL BRACE, SECURED IN PLACE BY USE OF GATE BRACE CLAMPS.
14. GATE HINGES SHALL BE MERCHANTS METAL MODEL 64386 HINGE ADAPTER WITH MODEL 6409, 180° ATTACHMENT OR APPROVED EQUAL.
15. GATE LATCH: 1 3/8" O.D. PLUNGER ROD WITH MUSHROOM TYPE CATCH.
16. A 6" BY 1/2" DIAMETER EYEBOLT, TO HOLD TENSION WIRE, SHALL BE PLACED AT LINE POSTS.
17. STRETCHER BARS SHALL BE 3/16" OR HAVE EQUIVALENT CROSS-SECTIONAL AREA.
18. ALL POSTS EXCEPT GATE POSTS SHALL HAVE A COMBINATION CAP AND BARB WIRE SUPPORTING ARM.
19. ALL CAPS SHALL BE MALLEABLE IRON, DOME OR ACORN SHAPED AS REQUIRED BY PIPE SIZE.
20. OTHER HARDWARE MAY INCLUDE BUT NOT BE LIMITED TO TIE CLIPS, BAND CLIPS, AND TENSION BAND CLIPS.
21. WHERE THE USE OF CONCERTINA HAS BEEN SPECIFIED, 24" DIAMETERS COIL, BARBED TAPE, STAINLESS STEEL, CYCLONE FENCE MODEL G8P TO TYPE III SHALL BE FURNISHED. IT SHALL BE SUPPORTED ABOVE THE TOP RAIL BY USE OF (6) BARB WIRE ARMS POSITIONED ATOP EACH LINE/CORNER POST.
22. UNLESS NOTED OTHERWISE, ALL CHAIN LINK FENCING COMPONENTS MUST BE HOT DIPPED GALVANIZED.



4 FENCING NOTES

NOT TO SCALE

3 FENCE

NOT TO SCALE

2 NOT USED

NOT TO SCALE

1 NOT USED

NOT TO SCALE

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PRINEVILLE

TAX MAP LOCATION:
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CROOK COUNTY

38'-10" MONOPOLE

DRAWINGS ISSUED FOR:

REV.	DATE	DRAWN	DESCRIPTION	QA/QC
A	09/29/20	RCD	PRELIMINARY REVIEW	PD
0	10/14/20	TLT	100% CONSTRUCTION	PD
1	06/02/21	TJB/HL	100% CONSTRUCTION	TT
2	07/29/21	CAP	100% CONSTRUCTION	PD

SHEET TITLE:

EQUIPMENT
DETAILS

SHEET NUMBER:

A-7

REVISION:

2

3

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2

NOT USED

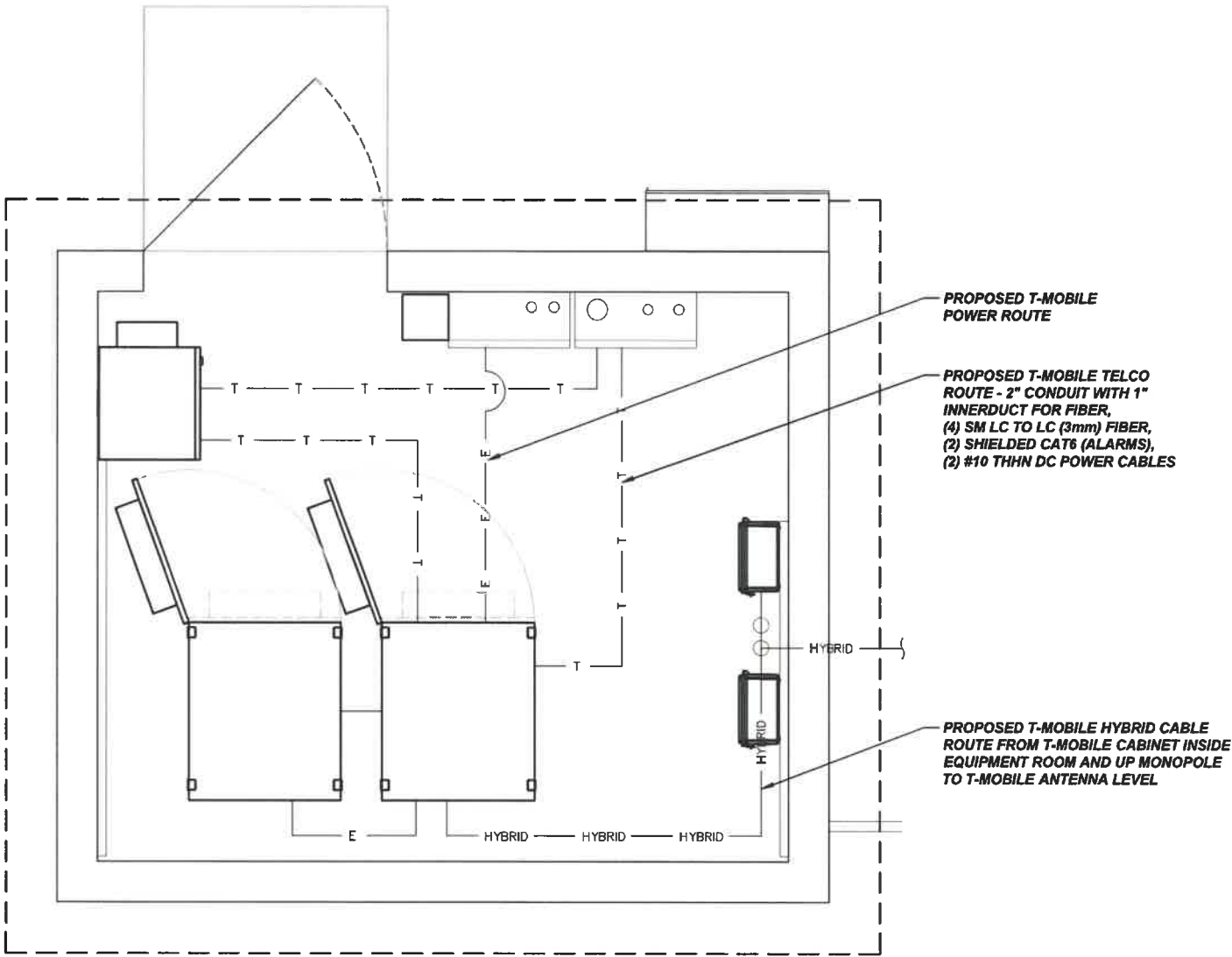
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1

UTILITY ROUTING PLAN

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NOTE:
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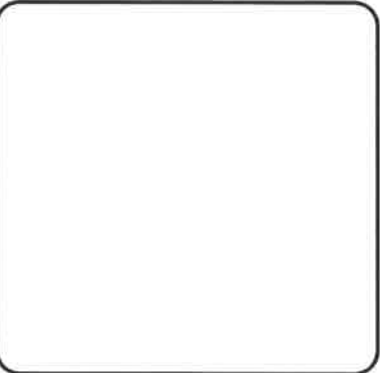
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PRINEVILLE

TAX MAP LOCATION:
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CROOK COUNTY

38'-10" MONOPOLE

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REV.	DATE	DRAWN	DESCRIPTION	QA/QC
A	09/29/20	RCD	PRELIMINARY REVIEW	PD
0	10/14/20	TLT	100% CONSTRUCTION	PD
1	06/02/21	TJB/HL	100% CONSTRUCTION	TT
2	07/29/21	CAP	100% CONSTRUCTION	PD



SHEET TITLE:

UTILITY ROUTING
PLAN & DETAILS

SHEET NUMBER:

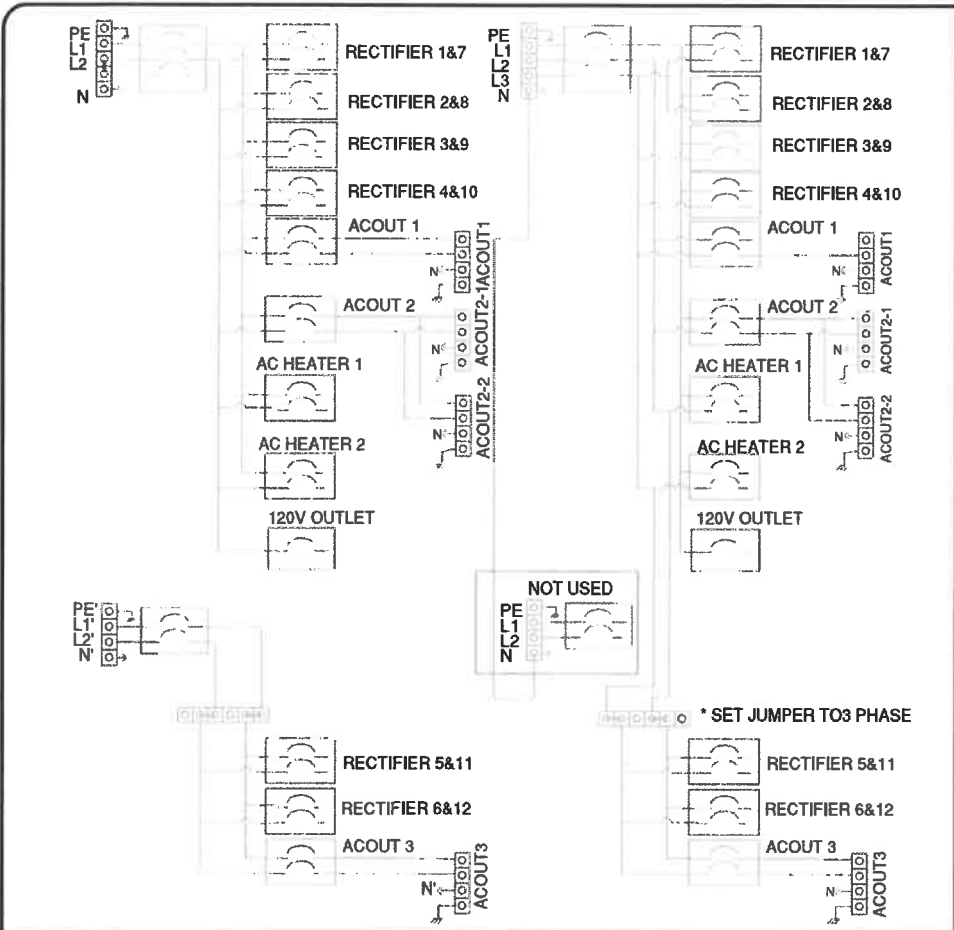
E-1

REVISION:

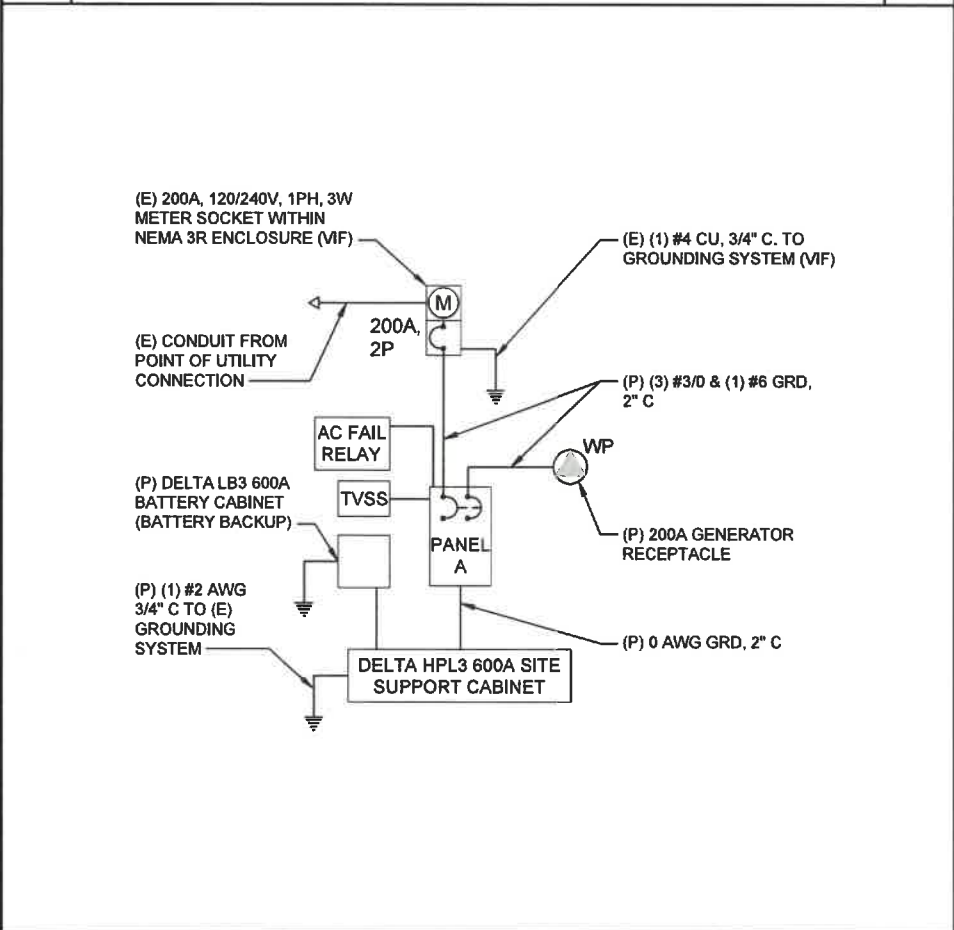
2

22"x34" SCALE: 3/4" = 1'-0"
11"x17" SCALE: 3/8" = 1'-0"

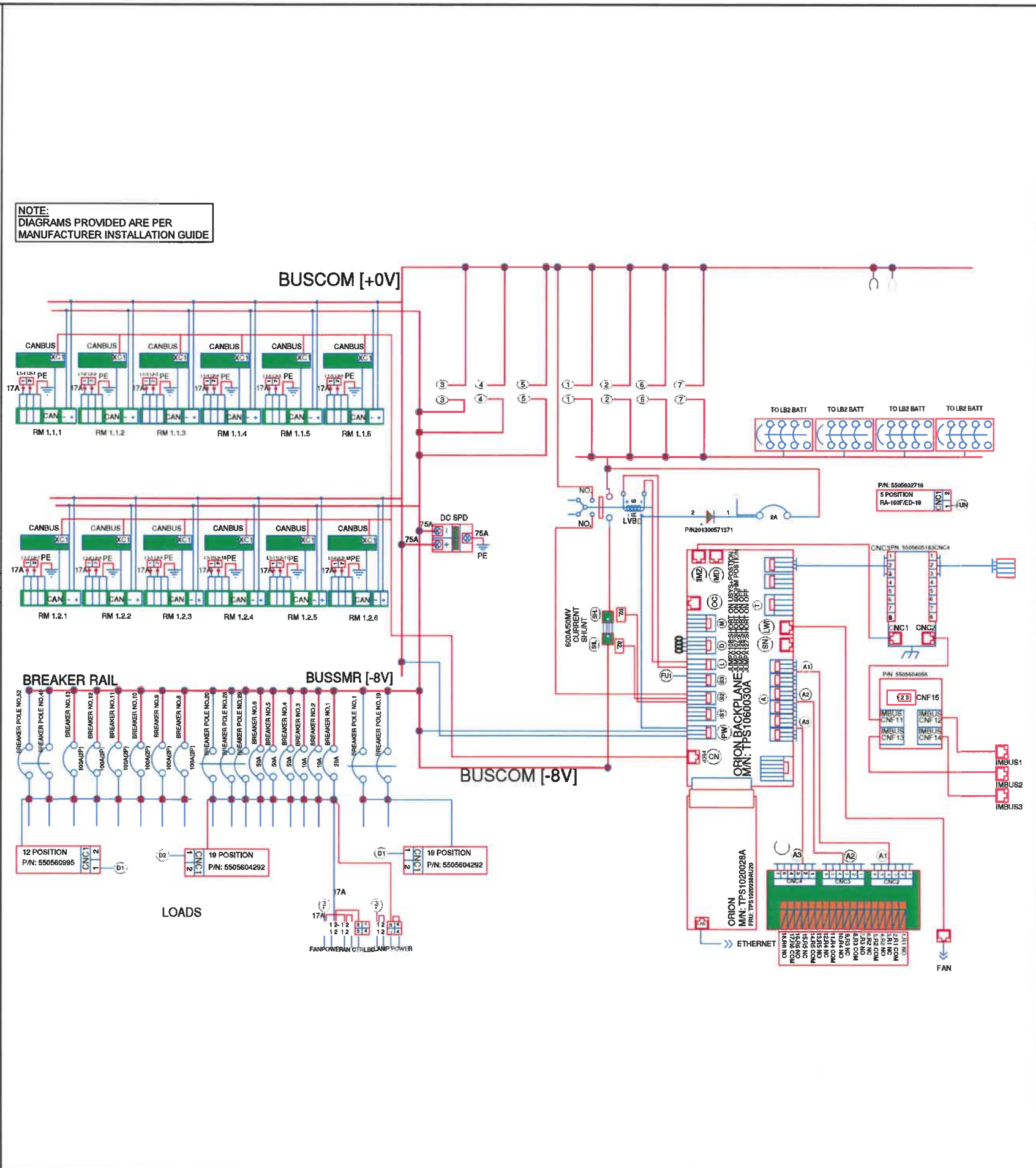




3 DELTA HPL3 POWER CAB. RECTIFIER DIAGRAM NOT TO SCALE



2 ONE-LINE DIAGRAM NOT TO SCALE



1 DELTA HPL3 POWER CABINET DC BREAKER WIRING DIAGRAM NOT TO SCALE

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SHEET TITLE:
ELECTRICAL
DIAGRAMS

SHEET NUMBER:
E-1.1

REVISION:
2

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CROOK COUNTY

38'-10" MONOPOLE

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SHEET TITLE:

**ELECTRICAL
DIAGRAMS**

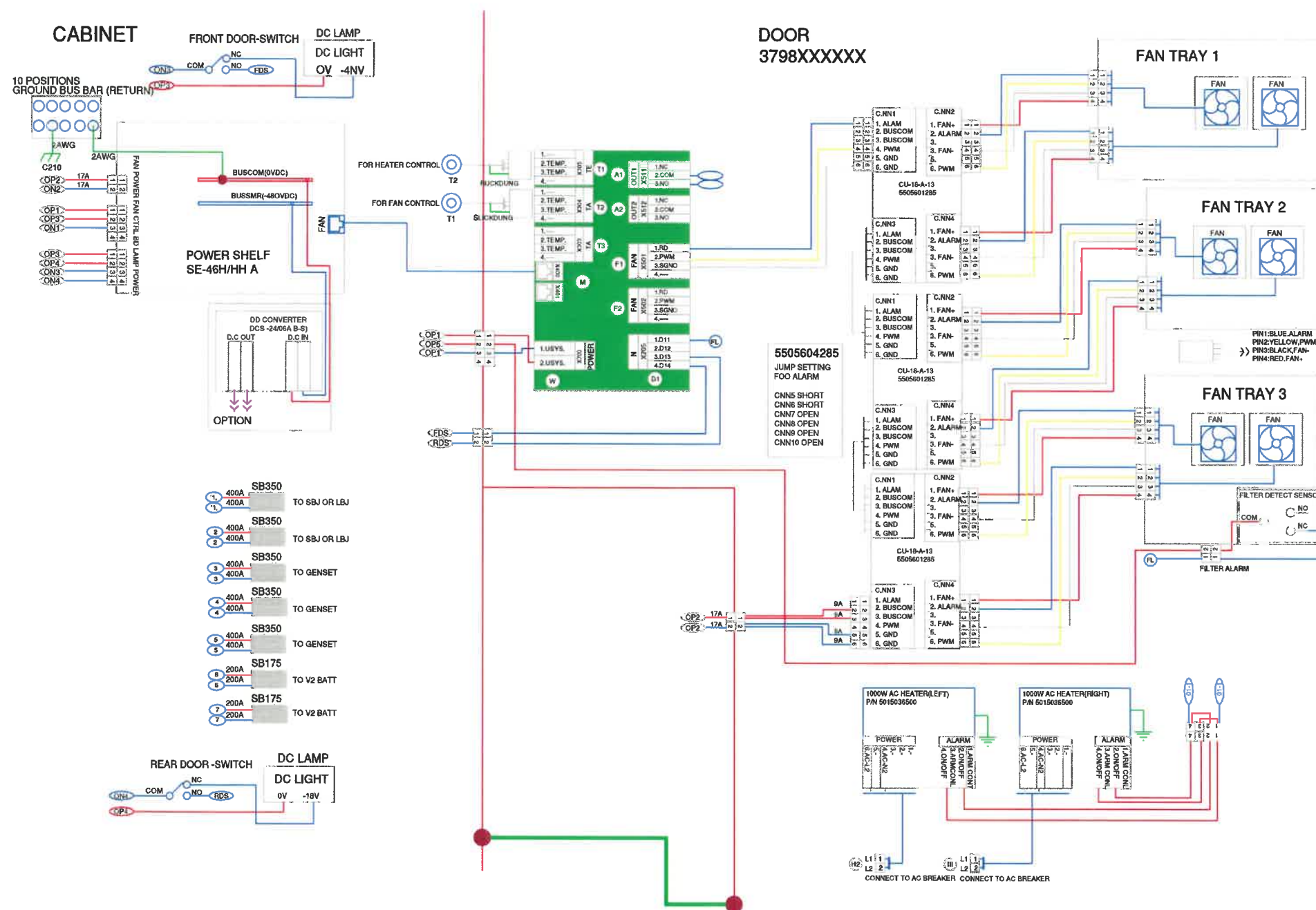
SHEET NUMBER:

E-1.2

REVISION:

2

1 DELTA HPL3 POWER CABINET INTERNAL CABINET DIAGRAM

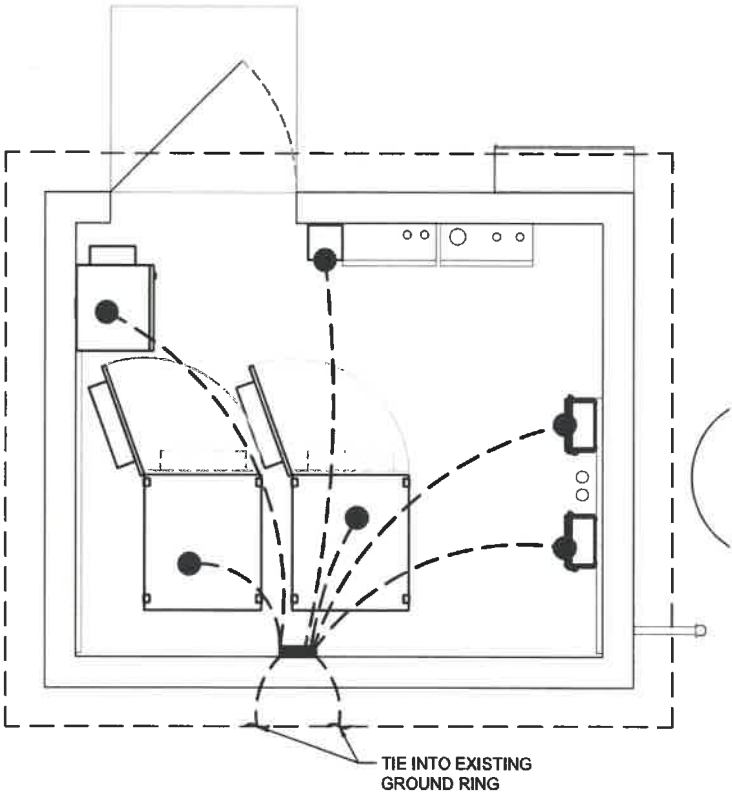


NOT TO
SCALE

GROUNDING SYMBOLS

- GROUND BAR
- GROUND ROD WITH ACCESS
- CHEMICAL GROUND ROD
- GROUND ROD
- CADWELD TYPE CONNECTION
- COMPRESSION TYPE CONNECTION
- GROUNDING WIRE

TYPICAL: #6 AWG FROM EQUIPMENT TO GROUND BAR; #2 FROM GROUND BAR TO GROUND RING, FROM METER TO GROUND RING, AND FOR GROUND RING.



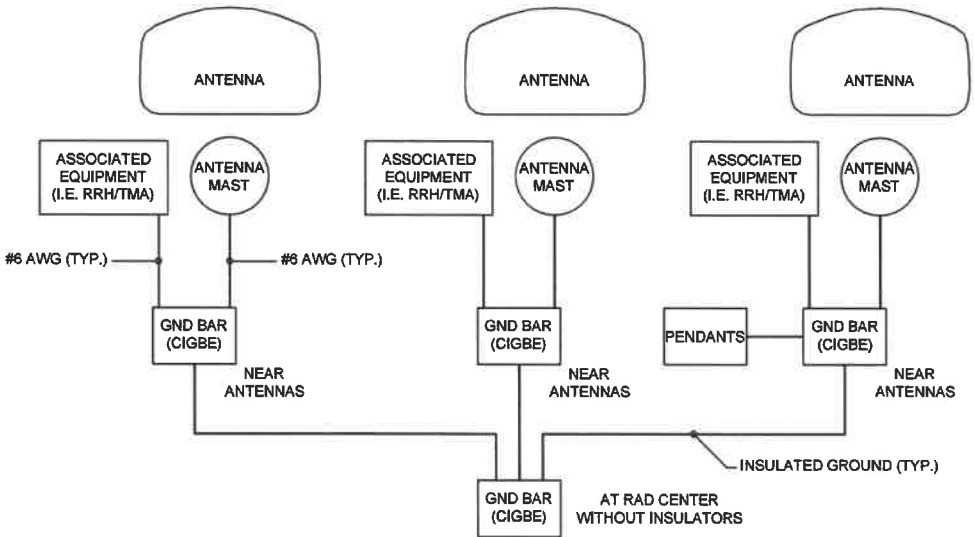
22"x34" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

3 NOT USED

NOT TO SCALE

GENERAL GROUNDING NOTES:

- TO ENSURE PROPER BONDING, ALL CONNECTIONS SHALL BE AS FOLLOWS:
 - #2/0 BARE TINNED SOLID COPPER CONDUCTOR: CADWELD TO RODS OR GROUND RING
 - LUGS AND BUS BAR (UNLESS NOTED OTHERWISE): SANDED CLEAN, COATED WITH OXIDE INHIBITOR AND BOLTED FOR MAXIMUM SURFACE CONTACT. ALL LUGS SHALL BE COPPER (NO ALUMINUM SHALL BE PERMITTED). PROVIDE LOCK WASHERS FOR ALL MECHANICAL CONNECTIONS FOR GROUND CONDUCTORS. USE STAINLESS STEEL HARDWARE THROUGHOUT.
- ALL GROUNDING CABLE IN CONCRETE OR THROUGH WALLS SHALL BE IN 3/4" PVC CONDUIT. SEAL AROUND CONDUIT THROUGH WALLS. NO METALLIC CONDUIT SHALL BE USED FOR GROUNDING CONDUCTORS.
- OWNER'S REPRESENTATIVE WILL INSPECT CADWELDS AND CONDUCT MEGGER TEST PRIOR TO BURIAL. MAXIMUM 5 OHMS RESISTANCE IS REQUIRED.
- MAKE ALL GROUND CONNECTIONS AS SHORT AND DIRECT AS POSSIBLE. AVOID SHARP BENDS. ALL BENDS SHALL BE A MINIMUM 8" RADIUS AND NO GREATER THAN 90 DEGREES.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER WHEN THE GROUNDING SYSTEM IS COMPLETE. THE CONSTRUCTION MANAGER SHALL INSPECT THE GROUNDING SYSTEM.
- THE PREFERRED LOCATION FOR COAX GROUNDING IS AT THE BASE OF THE TOWER PRIOR TO THE COAX BEND. BONDING IS SHOWN ON THE ICE BRIDGE DUE TO DIFFICULTY WITH WELDING OR ATTACHING TO TOWER LEGS. CONTRACTOR SHALL ADVISE CONSTRUCTION MANAGER PRIOR TO PLACING CIGBE ON ICE BRIDGE IF MOUNTING TO TOWER LEG IS POSSIBLE.
- BONDING OF THE GROUNDED CONDUCTOR (NEUTRAL) AND THE GROUNDING CONDUCTOR SHALL BE AT THE SERVICE DISCONNECTING MEANS. BONDING JUMPER SHALL BE INSTALLED PER N.E.C. ARTICLE 250-30.



1 ANTENNA SCHEMATIC GROUNDING SYSTEM & NOTES

NOT TO SCALE

T Mobile

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T-MOBILE SITE:
PO02342A
PRINEVILLE

TAX MAP LOCATION:
15150000-00315

CROOK COUNTY

38'-10" MONOPOLE

DRAWINGS ISSUED FOR:

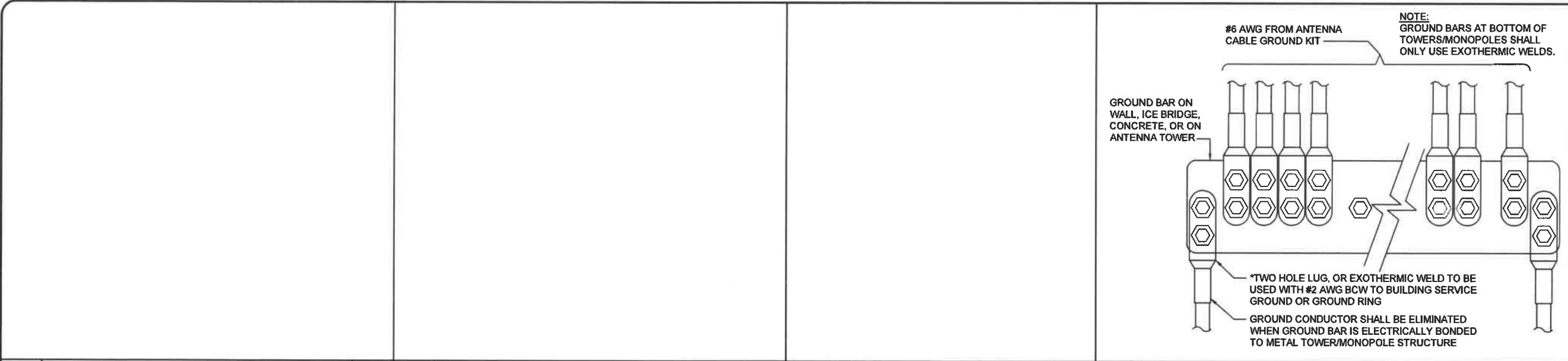
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0	10/14/20	TLT	100% CONSTRUCTION	PD
1	06/02/21	TJB/HL	100% CONSTRUCTION	TT
2	07/29/21	CAP	100% CONSTRUCTION	PD

SHEET TITLE:
SCHEMATIC GROUNDING
PLANS & NOTES

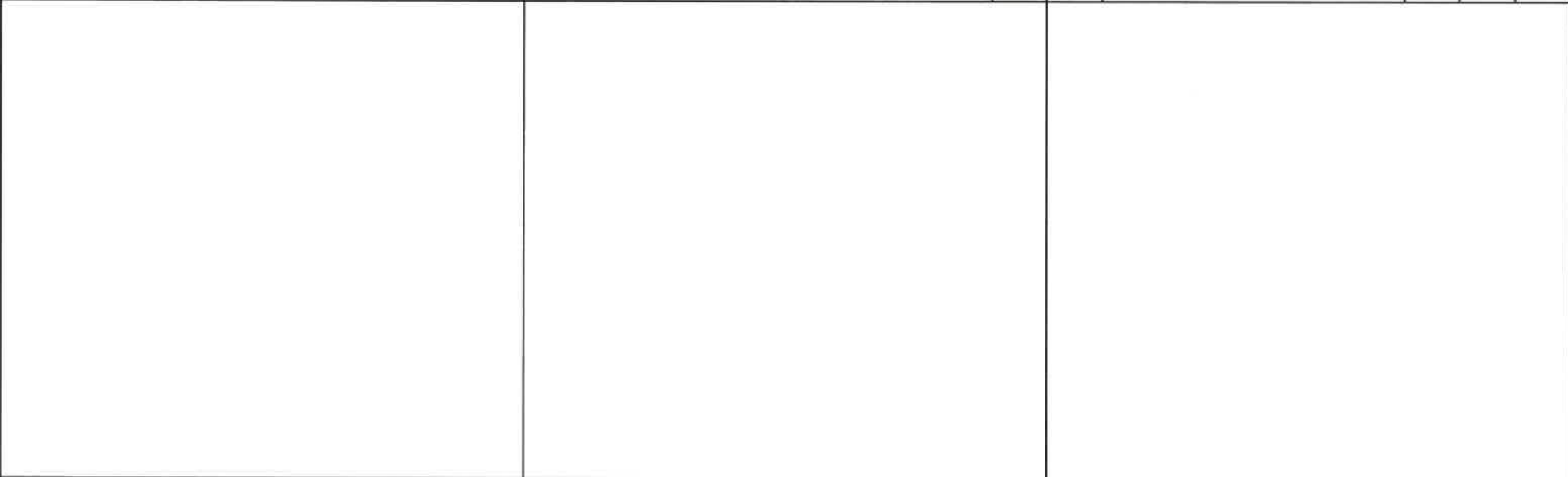
SHEET NUMBER:
G-1

REVISION:
2

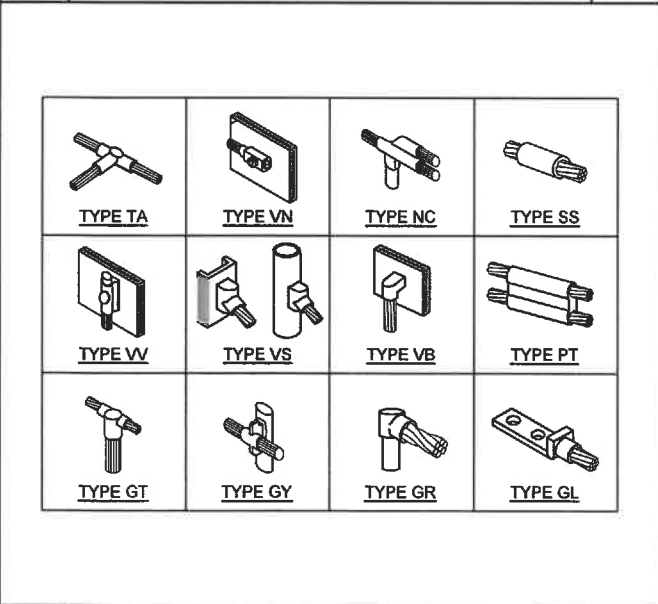
2 EQUIPMENT GROUNDING PLAN



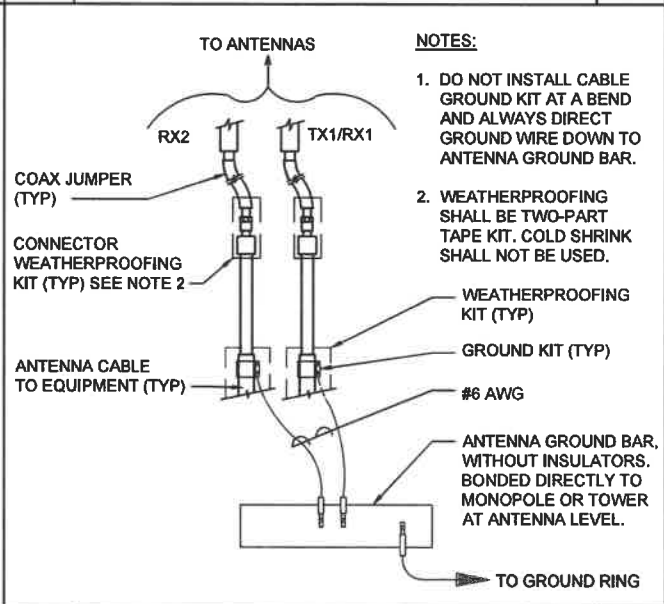
12 NOT USED NOT TO SCALE 11 NOT USED NOT TO SCALE 10 NOT USED NOT TO SCALE 9 GROUND WIRE INSTALLATION NOT TO SCALE



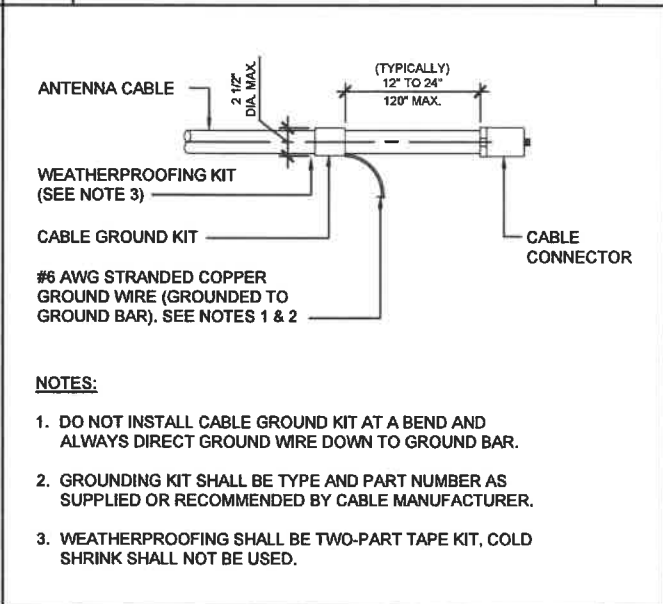
8 NOT USED NOT TO SCALE 7 NOT USED NOT TO SCALE 6 NOT USED NOT TO SCALE 5 TYPICAL GROUND BAR NOT TO SCALE



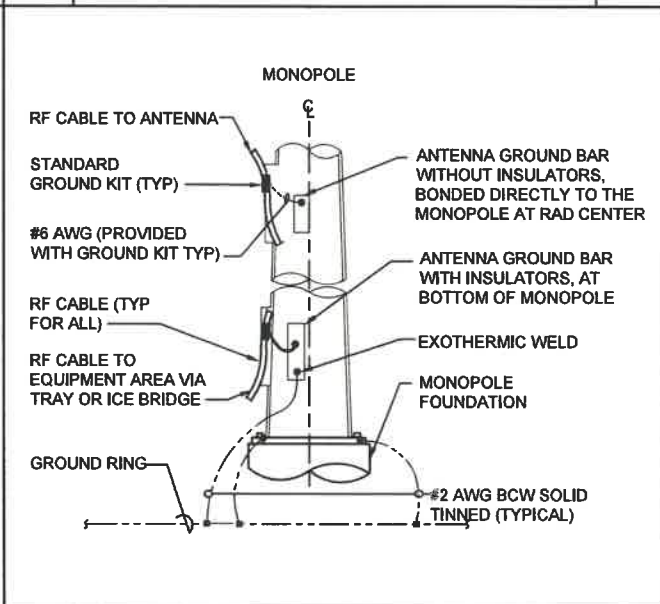
4 EXOTHERMIC CONNECTIONS NOT TO SCALE



3 CABLE GROUND CONNECTIONS NOT TO SCALE



2 CABLE GROUND KIT NOT TO SCALE



1 RF CABLE GROUND NOT TO SCALE

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CROOK COUNTY

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1	06/02/21	TJB/HL	100% CONSTRUCTION	TT
2	07/29/21	CAP	100% CONSTRUCTION	PD

SHEET TITLE:
GROUNDING
DETAILS

SHEET NUMBER:
G-2

REVISION:
2

GENERAL NOTES:

1. THESE DOCUMENTS WERE DESIGNED IN ACCORDANCE WITH THE LATEST VERSION OF APPLICABLE LOCAL/STATE/COUNTY/CITY BUILDING CODES, AS WELL AS ANSI/TIA-222 STANDARD, AWWA-D100 STANDARD, NDS, NEC, MSJC, AND/OR THE LATEST VERSION OF THE INTERNATIONAL BUILDING CODE, UNLESS NOTED OTHERWISE IN THE CORRESPONDING STRUCTURAL REPORT.
2. ALL CONSTRUCTION METHODS SHOULD FOLLOW STANDARDS OF GOOD CONSTRUCTION PRACTICE.
3. ALL WORK INDICATED ON THESE DRAWINGS SHALL BE PERFORMED BY QUALIFIED CONTRACTORS EXPERIENCED IN SIMILAR CONSTRUCTION.
4. ALL NEW WORK SHALL ACCOMMODATE EXISTING CONDITIONS. IF OBSTRUCTIONS ARE FOUND, CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD PRIOR TO CONTINUING WORK.
5. ANY CHANGES OR ADDITIONS MUST CONFORM TO THE REQUIREMENTS OF THESE NOTES AND SPECIFICATIONS, AND SHOULD BE SIMILAR TO THOSE SHOWN. ALL CHANGES OR ADDITIONS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND/OR CONSTRUCTION.
6. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND EXECUTION OF ALL MISCELLANEOUS SHORING, BRACING, TEMPORARY SUPPORTS, ETC. NECESSARY TO PROVIDE A COMPLETE AND STABLE STRUCTURE DURING CONSTRUCTION. TIA-1019-A-2011 IS AN APPROPRIATE REFERENCE FOR THOSE DESIGNS MEETING TIA STANDARDS. THE ENGINEER OF RECORD MAY PROVIDE FORMAL RIGGING PLANS AT THE REQUEST AND EXPENSE OF THE CONTRACTOR.
7. INSTALLATION SHALL NOT INTERFERE NOR DENY ADEQUATE ACCESS TO OR FROM ANY EXISTING OR PROPOSED OPERATIONAL AND SAFETY EQUIPMENT.
8. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO ANY FABRICATION. CONTACT INFINIGY ENGINEERING IF ANY DISCREPANCIES EXIST.

STEEL CONSTRUCTION NOTES:

1. STRUCTURAL STEEL SHALL CONFORM TO THE AISC MANUAL OF STEEL CONSTRUCTION 14TH EDITION, FOR THE DESIGN AND FABRICATION OF STEEL COMPONENTS.
2. ALL FIELD CUT SURFACES, FIELD DRILLED HOLES, AND GROUND SURFACES WHERE EXISTING PAINT OR GALVANIZATION REMOVAL WAS REQUIRED SHALL BE REPAIRED WITH (2) BRUSHED COATS OF ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURERS' RECOMMENDATIONS.
3. ALL FIELD DRILLED HOLES TO BE USED FOR FIELD BOLTING INSTALLATION SHALL BE STANDARD HOLES, AS DEFINED BY AISC, UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR STEEL WORK SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A123.
5. ALL STEEL MEMBERS AND CONNECTIONS SHALL MEET THE FOLLOWING GRADES:
 - ANGLES, CHANNELS, PLATES AND BARS TO BE A36. Fy=36 KSI, U.N.O.
 - W SHAPES TO BE A992. Fy=50 KSI, U.N.O.
 - RECTANGULAR HSS TO BE A500, GRADE B. Fy=46 KSI, U.N.O.
 - ROUND HSS TO BE A500, GRADE B. Fy=42 KSI, U.N.O.
 - STEEL PIPE TO BE A53, GRADE B. Fy=35 KSI, U.N.O.
 - BOLTS TO BE A325-X. Fu=120 KSI, U.N.O.
 - U-BOLTS AND LAG SCREWS TO BE A307 GR A. Fu=60 KSI, U.N.O.
6. ALL WELDING SHALL BE DONE USING E70XX ELECTRODES, U.N.O.
7. ALL WELDING SHALL CONFORM TO AISC AND AWS D1.1 LATEST EDITION.
8. ALL HILTI ANCHORS TO BE CARBON STEEL, U.N.O.
 - MECHANICAL ANCHORS: KWIK BOLT-TZ, U.N.O.
 - CMU BLOCK ANCHORS: ADHESIVE - HY120, U.N.O.
 - CONCRETE ANCHORS: ADHESIVE - HY150, U.N.O.
 - CONCRETE REBAR: ADHESIVE - RE500, U.N.O.
9. ALL STUDS TO BE NELSON CAPACITOR DISCHARGE 1/4"-20 LOW CARBON STEEL COPPER-FLASH AT 55 KSI ULT/50 KSI YIELD, U.N.O.
10. BOLTS SHALL BE TIGHTENED TO A "SNUG TIGHT" CONDITION AS DEFINED BY AISC.
11. MINIMUM EDGE DISTANCES SHALL CONFORM TO AISC TABLE J3.4.
12. REMOVAL/REPLACEMENT OF STRUCTURAL MEMBERS SHALL BE DONE ONE MEMBER AT A TIME. CONTRACTOR IS RESPONSIBLE FOR ENSURING THE STRUCTURAL INTEGRITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION.

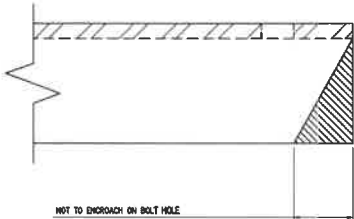
CONCRETE CONSTRUCTION NOTES:

1. CONCRETE TO BE 3000 PSI @ 28 DAYS. REINFORCING BAR TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS. CONCRETE INSTALLATION TO CONFORM TO ACI-318 BUILDING REQUIREMENTS FOR REINFORCED CONCRETE. ALL CONCRETE TO BE PLACED AGAINST UNDISTURBED EARTH FREE OF WATER AND ALL FOREIGN OBJECTS AND MATERIALS. A MINIMUM OF THREE INCHES OF CONCRETE SHALL COVER ALL REINFORCEMENT. WELDING OF REBAR IS NOT PERMITTED.
2. EXISTING CONCRETE SURFACES THAT ARE TO BE IN CONTACT WITH NEW PROPOSED CONCRETE SHOULD BE WIRE BRUSHED CLEAN AND TREATED WITH APPROPRIATE MECHANICAL SCRATCH COAT AND REPAIR MATERIALS OR APPROPRIATE CHEMICAL METHODS SUCH AS THE APPLICATION OF A BONDING AGENT, EX. SAKRETE OR EQUIVALENT, TO ENSURE A QUALITY BOND BETWEEN EXISTING AND PROPOSED CONCRETE SURFACES.

SPECIAL INSPECTIONS NOTES:

1. A QUALIFIED INDEPENDENT TESTING LABORATORY, EMPLOYED BY THE OWNER AND APPROVED BY THE JURISDICTION, SHALL PERFORM INSPECTION AND TESTING IN ACCORDANCE WITH THE THE GOVERNING BUILDING CODE, APPLICABLE SECTION(S) AS REQUIRED BY PROJECT SPECIFICATIONS FOR THE FOLLOWING CONSTRUCTION WORK:
 - a. STRUCTURAL WELDING (CONTINUOUS INSPECTION OF FIELD WELDS ONLY).
 - b. HIGH STRENGTH BOLTS (PERIODIC INSPECTION OF A325 AND/OR A490 BOLTS) TO BE TIGHTENED PER "TURN-OF-THE-NUT" METHOD.
 - c. MECHANICAL AND EPOXIED ANCHORAGES.
 - d. FIBER REINFORCED POLYMER.
 - THE SPECIAL INSPECTOR MUST VERIFY THAT THE FRP MATERIAL SPECIFIED ON THE APPROVED DESIGN DOCUMENTS IS BEING INSTALLED.
 - THE SPECIAL INSPECTOR MUST VERIFY THAT ALL CUT EDGES AND DRILLED HOLES ARE PROPERLY SEALED USING A VINYL ESTER SEALING KIT SUPPLIED BY THE MANUFACTURER.
 - THE SPECIAL INSPECTOR MUST VERIFY THAT THE STRUCTURE IS BUILT IN ACCORDANCE WITH THE APPROVED DESIGN DOCUMENTS.
2. THE INSPECTION AGENCY SHALL SUBMIT INSPECTION AND TEST REPORTS TO THE BUILDING DEPARTMENT, THE ENGINEER OF RECORD, AND THE OWNER UNLESS THE FABRICATOR IS APPROVED BY THE BUILDING OFFICIAL TO PERFORM WORK WITHOUT THE SPECIAL INSPECTIONS.

MAXIMUM ALLOWABLE ANGLE CLIP



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JOB NUMBER 4106-C0003-B

T-MOBILE SITE:

PO02342A
PRINEVILLE

T-MOBILE SITE:

TBD

300 NE 3RD ST.
PRINEVILLE, OR 97754
CROOK COUNTY

38'-0" MONOPOLE

DRAWINGS ISSUED FOR:

REV.	DATE	DRAWN	DESCRIPTION	QA/QC
0	03/15/21	BE	100% CONSTRUCTION	LM
1	05/27/21	BE	100% CONSTRUCTION	LM



06/04/21
Exp 03/31/23

SHEET TITLE:

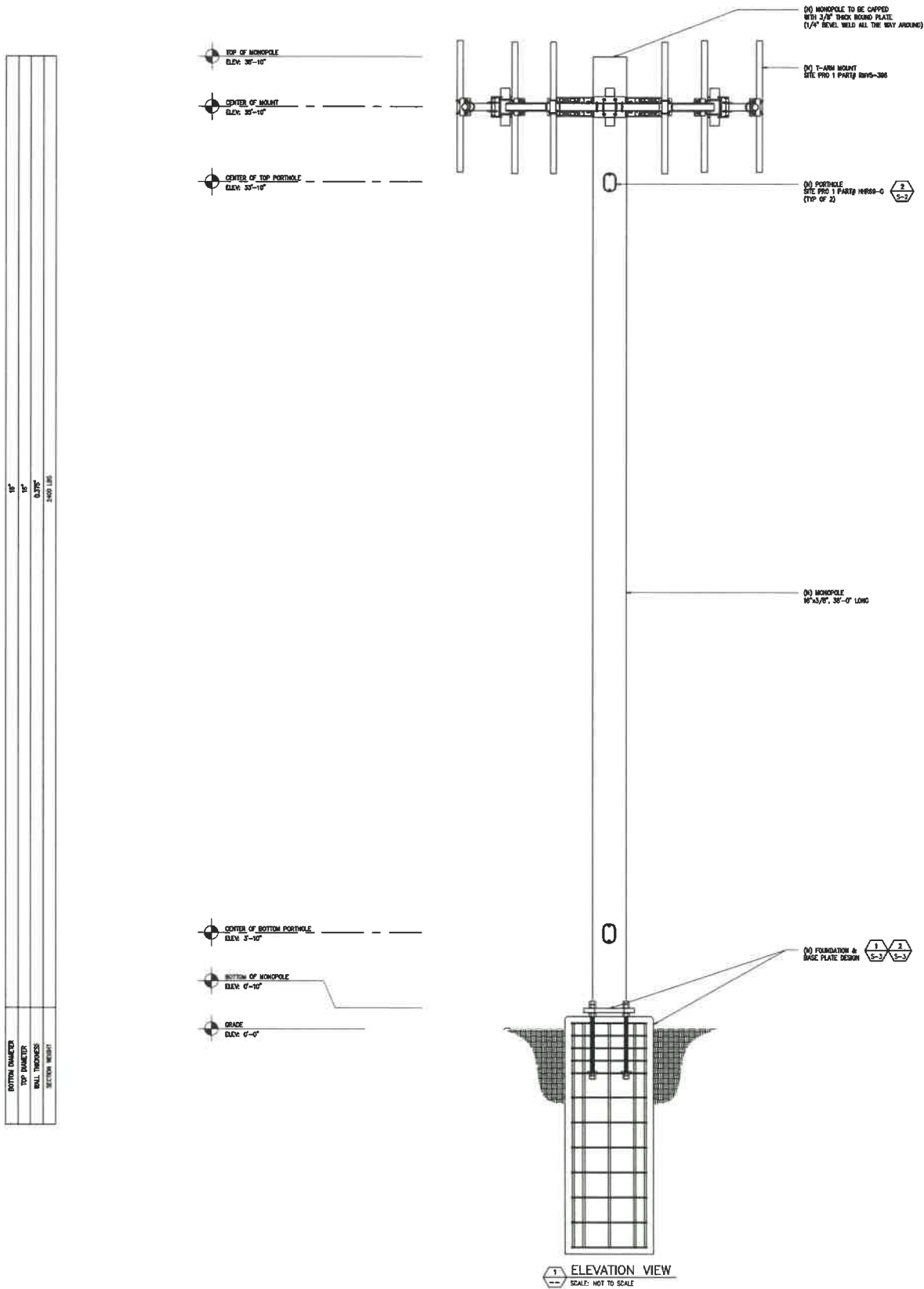
GENERAL NOTES

SHEET NUMBER:

S-1

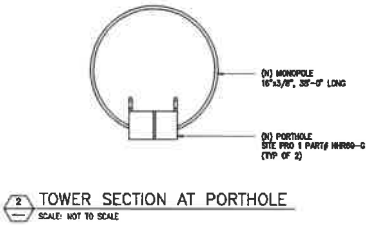
REVISION:

1



- NOTES:
1. ALL DESIGNATED PARTS ARE TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS, UNLESS OTHERWISE NOTED.
 2. CONTRACTOR TO FIELD VERIFY REQUIRED LENGTHS OF PROPOSED ANGLES, PIPES & PLATES, AND CUT & DRILL ON SITE AS NECESSARY.

ANTENNA LOADING CHART		
ELEVATION	QTY	DESCRIPTION
36.0	1	Site Pro 1 RMVS-396
36.0	3	COMMScope FFHH-65C-R3
36.0	3	NOKIA AEHC
36.0	3	NOKIA AHLOA
36.0	3	NOKIA AHFIG



TOWER DESIGNED TO:
DESIGN STANDARD: TIA-222-H
BASIC WIND SPEED: 100 (MPH)
BASIC 3 SEC. GUST SPEED WITH ICE: 40 (MPH)
SERVICE WIND SPEED: 60.0 (MPH)
BASIC ICE THICKNESS: 0.25 (IN)
EXPOSURE CATEGORY: C
IMPORTANCE CLASS: II

FACTORED FOUNDATION LOADS			
LOAD CASE	AXIAL (KIPS)	SHEAR (KIPS)	MOMENT (KIPS-FT)
SEISMIC	5.0	1.0	32.0
40 MPH WIND + ICE	6.0	1.0	33.0
100 MPH WIND	5.0	5.0	157.0

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T-MOBILE SITE:
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T-MOBILE SITE:
TBD

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CROOK COUNTY

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REV.	DATE	DRAWN	DESCRIPTION	QA/QC
0	03/15/21	BE	100% CONSTRUCTION	LM
1	05/27/21	BE	100% CONSTRUCTION	LM

REGISTERED PROFESSIONAL
ENGINEER
94749PE
OREGON
MARCH 12, 2019
LUIS A. MENDOZA

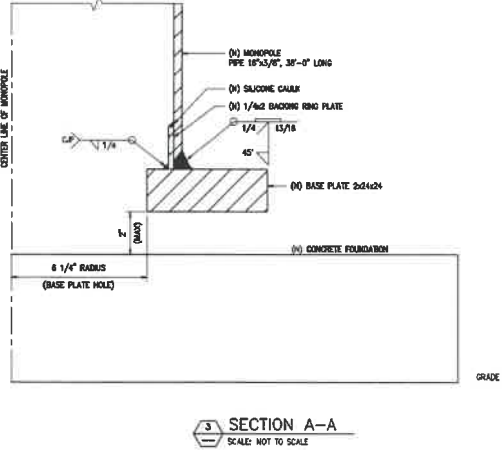
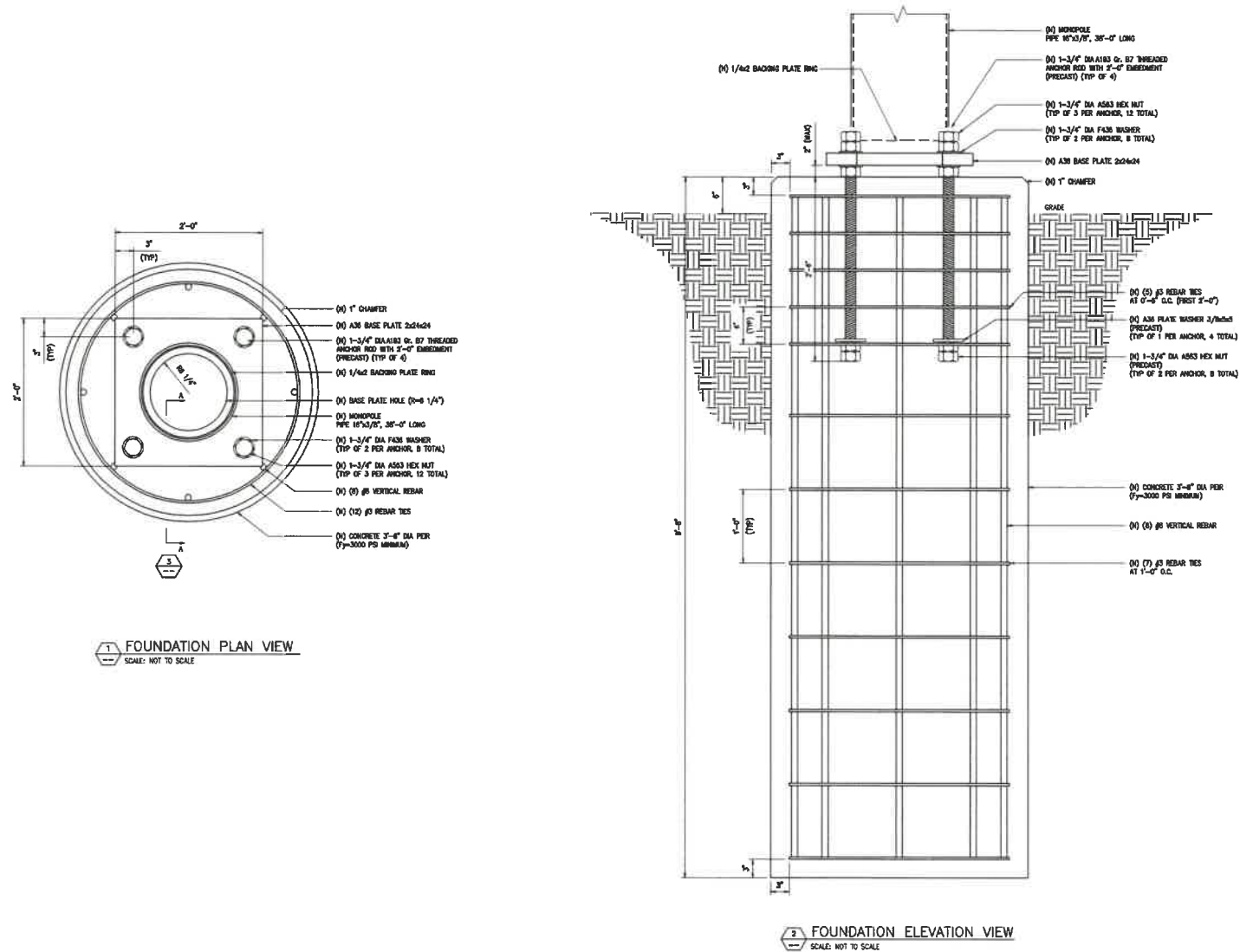
06/04/21
Exp 03/31/23

SHEET TITLE:
MONOPOLE ELEVATION

SHEET NUMBER:
S-2

REVISION:
1

NOTES:
1. ALL DESIGNATED PARTS ARE TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS, UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO FIELD VERIFY REQUIRED LENGTHS OF PROPOSED ANCHORS, PIPES & PLATES, AND CUT & DRILL ON SITE AS NECESSARY.



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JOB NUMBER 4106-C0003-B

T-MOBILE SITE:
PO02342A
PRINEVILLE

T-MOBILE SITE:
TBD

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PRINEVILLE, OR 97754
CROOK COUNTY

38'-0" MONOPOLE

DRAWINGS ISSUED FOR:				
REV.	DATE	DRAWN	DESCRIPTION	QA/QC
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1	05/27/21	BE	100% CONSTRUCTION	LM

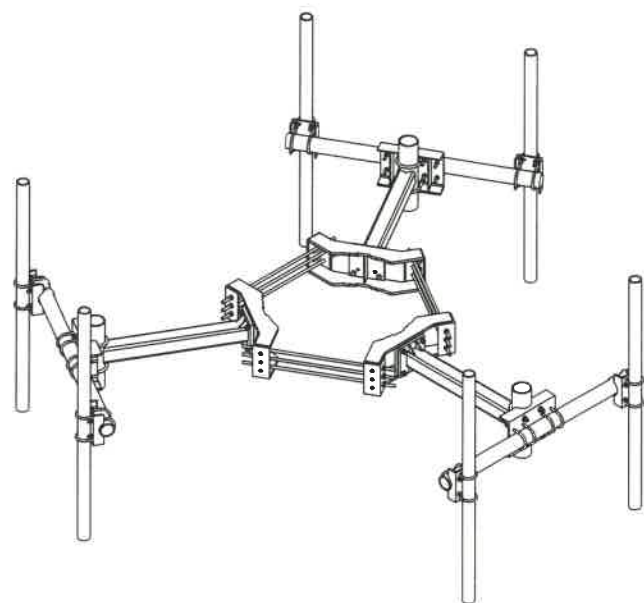


06/04/21
Exp 03/31/23

SHEET TITLE:
FOUNDATION & BASE PLATE DESIGN

SHEET NUMBER:
S-3

REVISION:
1



1 SITE PRO 1 PART# RMV5-396
SCALE: NOT TO SCALE



2 SITE PRO 1 PART# HHR69-G
SCALE: NOT TO SCALE



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TBD

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CROOK COUNTY

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DRAWINGS ISSUED FOR:				
REV.	DATE	DRAWN	DESCRIPTION	QAC
0	03/15/21	BE	100% CONSTRUCTION	LM
1	05/27/21	BE	100% CONSTRUCTION	LM



06/04/21
Exp 03/31/23

SHEET TITLE:
REQUIRED PARTS

SHEET NUMBER: S-4	REVISION: 1
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American Rescue Plan

Coronavirus State & Local Fiscal Recovery Fund

Central Statements

☐ RESTRICTIONS:

- Depositing funds into a pension fund.
- Offsetting a reduction in net tax revenue caused by the recipient's change in law, regulation, or administrative interpretation (States/Territories only).
- Generally, using funds as non-Federal match for other Federal Programs.
- Generally, recipients may not use funds directly to service debt, satisfy a judgment or settlement, or contribute to a "rainy day" fund.

☐ Covered period: **March 3, 2021 - December 31, 2024**

- Unless otherwise noted (e.g. premium pay)

☐ Costs can be incurred by **December 31, 2024**

- Must be expended by **December 31, 2026**

☐ "Incurred" has the same meaning given to "financial obligation" in 2 CFR § 200.1

- *Financial Obligation*: "An order placed for property and services and entering into contracts, subawards, and similar transactions that require payment".

- Definition does not qualify in GAAP



GOVERNMENT FINANCE OFFICERS ASSOCIATION

Award Terms & Conditions

- ☐ **SAM.gov requirements:**
 - All eligible recipients are also required to have an active registration with the System for Award Management (SAM)
- ☐ **Recordkeeping requirements:**
 - 5 years after all funds have been expended or returned to Treasury.
- ☐ **Single Audit requirements:**
 - Recipients and Sub-recipients that expend more than \$750,000 are subject to Single Audit Act.
- ☐ **Civil Rights Compliance requirements:**
 - Recipients and Sub-recipients are required to meet legal requirements relating to nondiscrimination and nondiscriminatory use of the funds.

Reporting Requirements by Recipient Type

Recipient	Interim Report	Project and Expenditure Report	Recovery Plan Performance Report
States, U.S. territories, metropolitan cities and counties with a population that exceeds 250,000 residents	By August 31, 2021, with expenditures by category	By October 31, 2021, and then 30 days after the end of each quarter thereafter ⁹	By August 31, 2021, and annually thereafter by July 31 ¹⁰
Metropolitan cities and counties with a population below 250,000 residents which received more than \$5 million in SLFRF funding			Not required
Tribal Governments			
Metropolitan cities and counties with a population below 250,000 residents which received less than \$5 million in SLFRF funding		By October 31, 2021, and then annually thereafter ¹¹	
NEUs	Not required		

Interim Report

- ☐ **ONE-TIME REPORT**
 - ☐ Due August 31st, 2021
- ☐ **WHO:**
 - ☐ All recipients EXCEPT NEU's
- ☐ **WHAT:**
 - ☐ List of expenditures and obligations by "Expenditure Category" (EC) options.
 - ☐ Each state/territory must provide an update on distributions to individual NEUs.
 - ☐ Including whether the NEU has (1) received funding; (2) declined funding and requested a transfer to the State under Section 603(c)(4) of the Act; or (3) not taken action on its funding.
- ☐ **WHEN:**
 - ☐ From the *date of award* to July 31, 2021. **The date of award is the day the recipient certifies the funding.**
- ☐ **WHAT ELSE:**
 - ☐ If you plan to have expenditures in revenue replacement, your estimate belongs in this report.



GOVERNMENT FINANCIAL OFFICERS RECOMMENDS using [GFOA's Revenue Replacement Calculator](#).

Project & Expenditure Report

QUARTERLY REPORT

☐ **WHO:**

- States, territories and tribal governments
- Metropolitan cities and counties that received more than \$5M

☐ **WHEN:**

Initial report will cover two calendar quarters *from the date of award to September 30, 2021*

- DUE October 31, 2021.

Subsequent quarterly reports will cover one calendar quarter

- Must be submitted within 30 calendar days after the end of each calendar quarter.

ANNUAL REPORT

☐ **WHO:**

- Metro cities and counties that received less than \$5M
- NEUs

☐ **WHEN:**

Initial reports will cover *the date of award to September 30, 2021*

- DUE October 31, 2021.

Subsequent reports will cover one calendar year

- Must be submitted by October 31 of that year



Required Information

Projects (and defining projects):

- ☐ Projects are new or existing eligible government services or investments funded in whole or in part by the CSLFRF funding.
- ☐ For each project, the recipient will be required to enter:
 - the project name, identification number (created by the recipient), project expenditure category (see Appendix 1), description, and status of completion.
- ☐ Between 50 and 250 words.
- ☐ For each project, the recipient will be asked to select the appropriate EC based on the scope of the project in Appendix 1.
- ☐ Projects should be scoped to align to a single EC.

Required Information

Expenditures

- ☐ Current period obligation
- ☐ Cumulative obligation
- ☐ Current period expenditure
- ☐ Cumulative expenditure

Project status

- ☐ Not started
- ☐ Completed less than 50 percent
- ☐ Completed 50 percent or more
- ☐ Completed

Required Information

□ **Project Demographic Distribution**

Recipients will be asked to identify whether or not the project is serving an economically disadvantaged community. This may be assumed where programs and services:

- Are provided at a physical location in a Qualified Census Tract;
- Have primary intended beneficiaries who live within a Qualified Census Tract;
- Have eligibility criteria such that the primary intended beneficiaries earn less than 60% of the median income for the relevant jurisdiction; or
- Have the eligibility criteria such that over 25% of intended beneficiaries are below the federal poverty line.

Required Information

☐ Subawards

- Specific information required for each subaward (Contract, Grant, Loan, Transfer, or Direct Payment) **greater than or equal to \$50,000**
- Aggregate reporting is required for contracts, grants, transfers made to other government entities, loans, direct payments, and payments to individuals that are **below \$50,000**.
- This information will be accounted for by expenditure category at the project level.

☐ Civil rights compliance

- Treasury will request information on recipients' compliance with Title VI of the Civil Rights Act of 1964 on an annual basis.
- This information may include a narrative describing the recipient's compliance with Title VI, along with other questions and assurances.

Required Information – Non-Infrastructure Projects

- Pay particular attention to additional reporting requirements if you are spending in the following categories:
 - Payroll (EC 1.9)
 - Household assistance (EC 2.1-2.5)
 - Small Business Economic Assistance (EC 2.9)
 - Aid to travel or tourism industries (EC 2.11-2.12)
 - Rehiring public sector staff (EC 2.14)
 - Education assistance (EC 3.1-3.5)
 - Premium pay (EC 4.1 and 4.2)
 - Revenue Replacement (EC 6.1)

Required Information – Infrastructure (cont.)

Infrastructure projects (EC 5)

- Each project is required to satisfy the reporting requirements listed but additional reporting includes:
 - Projected/actual construction start date (month/year)
 - Projected/actual initiation of operations date (month/year)
 - Location (for broadband, geospatial location data)



Government Finance Officers Association

2021 VIRTUAL CONFERENCE

July 12 - 23

Year in Washington: 2021 GFOA
Federal Update

ELIGIBLE EXPENDITURES

FOUR CATEGORIES

A. COVID-19 or a negative economic impact

B. Premium Pay

C. Government services to the extent of revenue loss

D. Investments in Water, Sewer, and Broadband Infrastructure



 Government Finance Officers Association

2021 VIRTUAL CONFERENCE
July 12 - 23

Year in Washington: 2021 GFOA
Federal Update

Section A: COVID-19 Response & Negative Economic Impact

Eligible Uses	Summary
Containing/Mitigating Covid-19	<ul style="list-style-type: none">• Vaccine programs, PPE, medical expenses• Enhancing public health data systems• Capital Investments in public facilities to meet pandemic operational needs etc.
Behavioral Healthcare Needs	<ul style="list-style-type: none">• Mental health/substance abuse treatment• Crisis intervention/hotlines• Services to promote access to social services
Payroll/Benefits for: Public health/safety Human services Similar employees	<ul style="list-style-type: none">• Eligible to the extent that the work completed was for COVID-19 response/mitigation.• For administrative convenience, public health/safety workers, recipients can use funds to cover the full payroll and covered benefits costs for employees or operating units or divisions primarily dedicated to the COVID-19 response.• Payroll and covered benefits can also be used for an employee's pension benefits as part of their payroll contribution to their pensions.



 Government Finance Officers Association
2021 VIRTUAL CONFERENCE
July 12 – 23

Year in Washington: 2021 GFOA
Federal Update

Section A:
COVID-19 Response & Negative Economic Impact

Eligible Uses		Summary
Impacted Industries (Tourism/Travel/Hospitality etc.)		<ul style="list-style-type: none">Implement COVID-19 mitigation/prevention measures to enable safe resumption of tourism, travel, and hospitality services
	Rebuilding Public Sector Capacity to Pre-Pandemic Levels	<ul style="list-style-type: none">Rehire public-sector staffReplenishing State Unemployment Insurance trust funds
Small Business support		<ul style="list-style-type: none">Loans, grants, in-kind assistance for operation continuity, mitigation/prevention, and counseling programs to rebound from the downturn
Hardest-hit Communities		<ul style="list-style-type: none">Investing in socioeconomic disparities, housing/communitiesAddressing disparities in education



 Government Finance Officers Association

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July 12 - 23

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Section B: Premium Pay

- **Definition:** Premium pay means an amount of up to \$13 per hour that is paid to an eligible worker, in addition to wages or remuneration the eligible worker otherwise receives, for all work performed by the eligible worker during the COVID-19 public health emergency. Such amount may not exceed \$25,000 with respect to any single eligible worker.
 - **Eligible worker:** Those workers needed to maintain continuity of operations of essential critical infrastructure sectors and additional sectors as each recipient may designate as critical to protect the health and well-being of the residents of their respective governments
- Can be provided directly, or through grants to private employers to public health/safety staff and essential workers outside the public sector:
 - Workers at food production facilities, grocery stores, and restaurants, janitors/sanitation workers, truck drivers, and warehouse workers etc.
 - Contact workers performing essential work also eligible.
 - *E.g. if a municipality contracts with a third party to perform sanitation work, the third-party contractor could be eligible to receive a grant to provide premium pay for these eligible workers.*

- Can be used retroactively



 Government Finance Officers Association

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Section C: Revenue Loss

GOVERNMENT SERVICES

Recipients may use payments from the Fiscal Recovery Funds for the provision of government services to the extent of the reduction in revenue experienced due to the COVID-19 public health emergency.

ALLOWED	NOT ALLOWED
<ul style="list-style-type: none">• Maintenance or pay-go funded building of infrastructure, including roads• Modernization of cybersecurity<ul style="list-style-type: none">• Including hardware, software, and protection of critical infrastructure• Health services• Environmental improvements; school or educational services• Provision of police, fire, and other public safety services	<ul style="list-style-type: none">• Interest or principal on any outstanding debt instrument, including, for example, short-term revenue or tax anticipation notes, or fees or issuance costs associated with the issuance of new debt.• Reserves or rainy day funds



Government Finance Officers Association

2021 VIRTUAL CONFERENCE

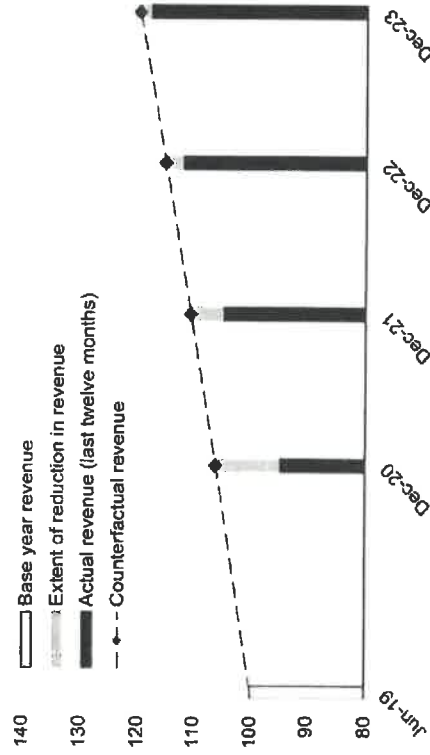
July 12 - 23

Year in Washington: 2021 GFOA
Federal Update

Section C: Revenue Loss

The overall methodology for calculating the reduction in revenue is illustrated in the

figure below:



GFOA Revenue Loss Calculator

Background Information		Notes:
1) Fiscal Year End	June	
Base Year Revenue Period	6/30/2019	FY used for base year calculation
2) Calculation Date	12/31/2020	
Number of Months	18	Months between Base Year and Calculation Date
Estimate Revenue		
3) Base Year Revenue	\$ 1	
4) Growth Rate	4.1%	
Counterfactual Revenue	\$ 1	Estimated Revenue Without Pandemic
5) Actual Revenue	\$ 1	Use Worksheet to Calculate
Reduction in Revenue		
Revenue Reduction	\$ 0	Fiscal Year Ended 12/31/2020
Revenue Reduction %	-5.8%	



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Section D: Investments in water, sewer and broadband infrastructure

Water/Sewer

- Necessary investments are designed to provide an adequate minimum level of service and are unlikely to be made using private sources of funds
 - Projects addressing climate change, drinking water infrastructure to build or update facilities, distribution, and storage systems, replacing lead service lines.
 - Constructing publicly-owned treatment infrastructure, managing and treating stormwater, drainage water, facilitating water reuse, and more.
- Uses aligned with Environmental Protection Agency's Clean Water Revolving Fund and Drinking Water State Revolving Fund to expedite project identification.
- *Recipients retain substantial flexibility to identify those water and sewer infrastructure investments that are of the highest priority for their own communities*



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2021 VIRTUAL CONFERENCE
 July 12 – 23

Year in Washington: 2021 GFOA
 Federal Update

Section D:
Investments in water, sewer and broadband
infrastructure

Broadband Infrastructure

- Build broadband infrastructure with modern technologies in mind, specifically projects that deliver services offering:
 - reliable 100 Mbps download and 100 Mbps upload speeds, unless impracticable due to topography, geography, or financial cost.
- Assisting households to support internet access or digital literacy is an eligible use.

Use of Expenditure Categories (EC)

- **Appendix 1**
 - **Compliance & Reporting Guidance (p. 31)**
- **EC must be used to categorize each project.**
- *** symbol denotes areas where recipients must identify the amount of the total funds that are allocated to evidence-based interventions.**
- **^ symbol denotes areas where recipients must report on whether projects are primarily serving disadvantaged communities.**
 - **Project demographic distribution**



GOVERNMENT FINANCE OFFICERS ASSOCIATION

1: Public Health	
1.1	COVID-19 Vaccination ^
1.2	COVID-19 Testing ^
1.3	COVID-19 Contact Tracing
1.4	Prevention in Congregate Settings (Nursing Homes, Prisons/Jails, Dense Work Sites, Schools, etc.)*
1.5	Personal Protective Equipment
1.6	Medical Expenses (including Alternative Care Facilities)
1.7	Capital Investments or Physical Plant Changes to Public Facilities that respond to the COVID-19 public health emergency
1.8	Other COVID-19 Public Health Expenses (including Communications, Enforcement, Isolation/Quarantine)
1.9	Payroll Costs for Public Health, Safety, and Other Public Sector Staff Responding to COVID-19
1.10	Mental Health Services*
1.11	Substance Use Services*
1.12	Other Public Health Services
2: Negative Economic Impacts	
2.1	Household Assistance: Food Programs* ^
2.2	Household Assistance: Rent, Mortgage, and Utility Aid* ^
2.3	Household Assistance: Cash Transfers* ^
2.4	Household Assistance: Internet Access Programs* ^
2.5	Household Assistance: Eviction Prevention* ^
2.6	Unemployment Benefits or Cash Assistance to Unemployed Workers*
2.7	Job Training Assistance (e.g., Sectoral job-training, Subsidized Employment, Employment Supports or Incentives)* ^
2.8	Contributions to UI Trust Funds
2.9	Small Business Economic Assistance (General)* ^
2.10	Aid to Nonprofit Organizations*
2.11	Aid to Tourism, Travel, or Hospitality
2.12	Aid to Other Impacted Industries
2.13	Other Economic Support* ^
2.14	Rehiring Public Sector Staff

Use of Evidenced-Based Intervention

Compliance & Reporting Guidance Appendix 2 (p. 33)

Strong Evidence	Moderate Evidence	Preliminary Evidence
<ul style="list-style-type: none"> The evidence base can support causal conclusions for the specific program proposed by the applicant with the highest level of confidence. Consists of one or more well-designed and well-implemented experimental studies conducted on the proposed program with positive findings on one or more intended outcomes. 	<ul style="list-style-type: none"> Reasonably developed evidence base that can support causal conclusions. Evidence base consists of one or more quasi-experimental studies with positive findings on one or more intended outcomes OR two or more non-experimental studies with positive findings on one or more intended outcomes. 	<ul style="list-style-type: none"> Evidence base can support conclusions about the program's contribution to observed outcomes. The evidence base consists of at least one non-experimental study. A study that demonstrates improvement in program beneficiaries over time on one or more intended outcomes OR an implementation (process evaluation) study used to learn and improve program operations would constitute preliminary evidence.

Use of Evidenced-Based Intervention (cont.)

- **Compliance & Reporting Guidance Appendix 2 (p. 33)**
 - Contains additional information on evidence-based interventions for the purposes of the Recovery Plan
 - Only required to report the amount of the total funds allocated to evidence-based interventions in the areas of Public Health, Negative Economic Impacts and Services to Disproportionately Impacted Communities that are marked by an asterisk in Appendix 1: Expenditure Categories.

Project Demographic Distribution

- Recipients will be asked to identify whether or not the project is serving an economically disadvantaged community.
- Recipients may assume that the funds for a project count as being targeted towards economically disadvantaged communities if the project funds are spent on:
 - A program or service is provided at a physical location in a Qualified Census Tract (for multi-site projects, if a majority of sites are within Qualified Census Tracts);
 - A program or service where the primary intended beneficiaries live within a Qualified Census Tract;
 - A program or service for which the eligibility criteria are such that the primary intended beneficiaries earn less than 60 percent of the median income for the relevant jurisdiction (e.g., State, county, metropolitan area, or other jurisdiction); or
 - A program or service for which the eligibility criteria are such that over 25 percent of intended beneficiaries are below the federal poverty line.

Appendix 1: Expenditure Categories

The Expenditure Categories (EC) listed below must be used to categorize each project as noted in Part 2 above. The term "Expenditure Category" refers to the detailed level (e.g., 1.1 COVID-10 Vaccination). When referred to as a category (e.g., EC 1) it includes all Expenditure Categories within that level.

1: Public Health	
1.1	COVID-19 Vaccination [^]
1.2	COVID-19 Testing [^]
1.3	COVID-19 Contact Tracing
1.4	Prevention in Congregate Settings (Nursing Homes, Prisons/Jails, Dense Work Sites, Schools, etc.) [*]
1.5	Personal Protective Equipment
1.6	Medical Expenses (including Alternative Care Facilities)
1.7	Capital Investments or Physical Plant Changes to Public Facilities that respond to the COVID-19 public health emergency
1.8	Other COVID-19 Public Health Expenses (including Communications, Enforcement, Isolation/Quarantine)
1.9	Payroll Costs for Public Health, Safety, and Other Public Sector Staff Responding to COVID-19
1.10	Mental Health Services [*]
1.11	Substance Use Services [*]
1.12	Other Public Health Services
2: Negative Economic Impacts	
2.1	Household Assistance: Food Programs [*] [^]
2.2	Household Assistance: Rent, Mortgage, and Utility Aid [*] [^]
2.3	Household Assistance: Cash Transfers [*] [^]
2.4	Household Assistance: Internet Access Programs [*] [^]
2.5	Household Assistance: Eviction Prevention [*] [^]
2.6	Unemployment Benefits or Cash Assistance to Unemployed Workers [*]
2.7	Job Training Assistance (e.g., Sectoral job-training, Subsidized Employment, Employment Supports or Incentives) [*] [^]
2.8	Contributions to UI Trust Funds
2.9	Small Business Economic Assistance (General) [*] [^]
2.10	Aid to Nonprofit Organizations [*]
2.11	Aid to Tourism, Travel, or Hospitality
2.12	Aid to Other Impacted Industries
2.13	Other Economic Support [*] [^]
2.14	Rehiring Public Sector Staff
3: Services to Disproportionately Impacted Communities	
3.1	Education Assistance: Early Learning [*] [^]
3.2	Education Assistance: Aid to High-Poverty Districts [^]
3.3	Education Assistance: Academic Services [*] [^]
3.4	Education Assistance: Social, Emotional, and Mental Health Services [*] [^]
3.5	Education Assistance: Other [*] [^]
3.6	Healthy Childhood Environments: Child Care [*] [^]
3.7	Healthy Childhood Environments: Home Visiting [*] [^]
3.8	Healthy Childhood Environments: Services to Foster Youth or Families Involved in Child Welfare System [*] [^]

3.9	Healthy Childhood Environments: Other* ^
3.10	Housing Support: Affordable Housing* ^
3.11	Housing Support: Services for Unhoused Persons* ^
3.12	Housing Support: Other Housing Assistance* ^
3.13	Social Determinants of Health: Other* ^
3.14	Social Determinants of Health: Community Health Workers or Benefits Navigators* ^
3.15	Social Determinants of Health: Lead Remediation ^
3.16	Social Determinants of Health: Community Violence Interventions* ^
4: Premium Pay	
4.1	Public Sector Employees
4.2	Private Sector: Grants to Other Employers
5: Infrastructure²⁷	
5.1	Clean Water: Centralized Wastewater Treatment
5.2	Clean Water: Centralized Wastewater Collection and Conveyance
5.3	Clean Water: Decentralized Wastewater
5.4	Clean Water: Combined Sewer Overflows
5.5	Clean Water: Other Sewer Infrastructure
5.6	Clean Water: Stormwater
5.7	Clean Water: Energy Conservation
5.8	Clean Water: Water Conservation
5.9	Clean Water: Nonpoint Source
5.10	Drinking water: Treatment
5.11	Drinking water: Transmission & Distribution
5.12	Drinking water: Transmission & Distribution: Lead Remediation
5.13	Drinking water: Source
5.14	Drinking water: Storage
5.15	Drinking water: Other water infrastructure
5.16	Broadband: "Last Mile" projects
5.17	Broadband: Other projects
6: Revenue Replacement	
6.1	Provision of Government Services
7: Administrative	
7.1	Administrative Expenses
7.2	Evaluation and Data Analysis
7.3	Transfers to Other Units of Government
7.4	Transfers to Non-entitlement Units (States and territories only)

*Denotes areas where recipients must identify the amount of the total funds that are allocated to evidence-based interventions (see Use of Evidence section above for details)

^Denotes areas where recipients must report on whether projects are primarily serving disadvantaged communities (see Project Demographic Distribution section above for details)

²⁷ Definitions for water and sewer Expenditure Categories can be found in the EPA's handbooks. For "clean water" expenditure category definitions, please see: <https://www.epa.gov/sites/default/files/2018-03/documents/cwdefinitions.pdf>. For "drinking water" expenditure category definitions, please see: <https://www.epa.gov/dwst/drinking-water-state-revolving-fund-national-information-management-system-reports>.



Crook County

Community Development Department
Planning Division

TO: Crook County Court

FROM: Will Van Vactor
Brent Bybee

DATE: August 17, 2021

SUBJECT: Legislative Update re Accessory Dwelling Units and Wildfire Risk Mapping

ATTACHMENTS: Senate Bill 391 (Accessory Dwelling Units) (Exhibit A)
Senate Bill 762 (Wildfire Mapping, etc.) (Exhibit B)
Map of Rural Residential Zones (Exhibit C)

Introduction

The purpose of this memorandum is to update the County Court on two laws passed by the Oregon Legislature that may impact land use planning and policy in Crook County. Senate Bill (SB) 391 allows counties to permit accessory dwelling units (ADUs) in rural residential areas. The ADU bill is tied to the adoption of statewide wildfire risk maps required by SB 762. In addition to requiring the adoption of statewide wildfire maps, SB 762 requires DLCD to "identify updates to the statewide land use planning program and local comprehensive plan and zoning codes that are needed in order to incorporate wildfire risk maps and minimize wildfire risk."

Senate Bill 391 (2021)

1. The Law

With the passing of SB 391, counties may permit ADUs in areas zoned for rural residential use, subject to certain limitations, including but not limited to:

- The lot must be at least 2 acres in size;
- One single family dwelling is located on the lot or parcel;

Crook County
Community Development department
Planning Division

- The property has not been declared a nuisance as defined in ORS 105.550 to 105.600;
- The ADU must comply with all applicable sanitation and wastewater laws and regulations;
- The ADU may not be more than 900 sq. ft.;
- The ADU must be no more than 100' from the existing dwelling;
- If the ADU will utilize ORS 537.545(1)(b) or (d) for well water, no portion of the lot or parcel shall be within an area where new or existing groundwater uses under ORS 537.545(1)(b) or (d) are restricted by the Water Resources Commission.
- No portion of the lot or parcel may be within a designated area of critical state concern;
- The lot or parcel must be served by a fire protection service provider with professionals who have received training or certification described by statute;
- The lot or parcel must comply with the rules of the State Board of Forestry; and
- The ADU must comply with Oregon residential specialty code relating to wildfire hazard mitigation for the mapped area (per SB 762).

If a county plans to allow ADUs, it must adopt regulations that ensure:

- Adequate setbacks from adjacent lands zoned for resource use (farm and forest);
- “Adequate access” for firefighting equipment, safe evacuation and staged evacuation areas; and
- If the ADU is not subject to State Board of Forestry rules, that it has defensible space and fuel breaks developed in consultation with the local fire protection service provider.

Of note, no ADU may be permitted under SB 391 until the statewide wildfire maps required by SB 762 have been approved. That is anticipated to occur by June or July of next year.

Also of note, a county may not allow an ADU to be used under this section for vacation occupancy.

Nothing in SB 391 requires a county to allow ADUs. Moreover, nothing prohibits a county from imposing additional restrictions on ADUs if a county chooses to allow them.

2. Relevance to Crook County

This change in law impacts approximately 5,373 lots or parcels zoned for rural residential use in Crook County broken down as follows¹:

¹ The definition of “area zoned for rural residential use” “means land that is not located inside an urban growth boundary as defined in ORS 195.060 (Definitions) and that is subject to an acknowledged exception to a statewide land use planning goal relating to farmland or forestland and planned and zoned by the county to allow residential use as a primary use. There are other zones, including the Neighborhood Commercial Zone, that allow dwellings outright. At this time, though, staff has not included those other zones in this analysis.

Zone	No. of Lots or Parcels
Forest Recreation (FR-10)	64
Powell Butte Residential (PBR-20)	71
Rural Residential (R-10)	65
Rural Residential (R-5)	1,605
Recreation Residential (RR-1)	67
Recreation Residential (RR-5)	85
Recreation Residential Mobile (RR(M)-5)	3,400
Residential Woodlot (RW-40)	16
TOTAL	5,373

Of those, approximately 3,549 have existing dwellings. A map is attached depicting the location of rural residential zones (Exhibit C).

Allowing ADUs lowers the cost of housing for families by increasing inter-generational housing opportunities. It also may increase the housing stock, which can lead to increased rental opportunities and lower rental costs.

With ADUs come additional people. Thus, some concerns may include impact on infrastructure, conflicts with surrounding farmlands, and wildfire risk. And while the Bill prohibits use of the ADUs as vacation rentals, enforcing that restriction may turn out to be onerous.

At this time, it is unclear what the demand for ADUs in Crook County is. Currently, ADUs are permitted in the suburban residential zones inside the UGB (but under County jurisdiction). Since ADUs were allowed in those zones, only a few have been applied for. These limited numbers may not be a good indicator of demand, though, as other factors, including water and septic feasibility as well as location, may limit ADU demand in the areas where they are already permitted.

3. Issues to Consider

The first question is whether the County wants to allow ADUs in its rural residential zones. If so, several potential issues will need to be considered. A non-exhaustive list of those concerns include:

- If not all rural residential zones, what rural residential zones do ADUs make sense in?
- How do we want to address potential strain on infrastructure?
- Should emergency responders be part of the application process, and would it make sense for the decision to be dependent upon their comments?

Crook County
Community Development department
Planning Division

- If we are going to allow ADUs up Juniper Canyon, should the County address existing access issues before allowing ADUs? And does the County want to have a broader planning conversation about the future of Juniper Canyon?
- Can the County adequately protect adjacent property owners from ADU owners who illegally rent them out as short-term rentals?

4. Next Steps

While counties can adopt regulations governing ADUs at any time, those laws cannot be implemented until the wildfire risk maps required by SB 762 are adopted (likely in mid-2022). Nonetheless, due to the time it will take to prepare and adopt any implementing ordinance, staff recommends we schedule a follow-up work session in the near future to discuss process and to have a deeper conversation about the County's vision for ADUs. As part of that discussion, the county should consider where ADUs make sense and regulations the County may want to include beyond what is spelled out in SB 391. We may also want to consider a joint work session with the Planning Commission.

Senate Bill 762 (2021)

Senate Bill 762 is a wide-ranging bill designed to address wildfire risk. Of note, it requires:

- The Oregon Department of Forestry (ODF) to prepare a statewide map of wildfire risk that includes the wildland urban interface (WUI) boundaries and five wildfire risk classes by June 30, 2022. The map will be used to inform policy actions and programs as required elsewhere in the Bill. The five wildfire risk classes are extreme, high, moderate, low and no risk. The map will populate the Oregon Wildfire Risk Explorer, which will be the official wildfire planning and risk classification tool for the State of Oregon. The Forestry Board is supposed to adopt rules that provide opportunities for public input on the assignment of fire risk classes to properties, as well as rules for appealing an assignment to a specific property.
- The State Fire Marshal to establish minimum defensible space requirements to apply to the WUI. It allows the State Fire Marshal or local governments to enforce the defensible space requirements.
- The Department of Land Conservation and Development (DLCD) to identify and recommended needed updates to the statewide land use planning program, local comprehensive plans and zoning codes. DLCD's report is due to the legislative assembly by October 1, 2022.
- The Department of Consumer and Business Services (DCBS) to submit a report to the Legislative Assembly regarding the number and location of dwellings that have been built to R327 standards and requires DCBS to adopt R327 wildfire hazard mitigation building code standards for new construction in high wildfire risk classes by December 31, 2022.

The adoption of the statewide wildfire maps is governed at the state level between a multitude of stakeholders. Initially, there are two Rules Advisory Committees (RACs) developing (1) a new definition of WUI and (2) a comprehensive map of wildfire risk that includes WUI boundaries and fire risk classes. ODF must adopt the new definition of WUI not later than 100 days after the effect date of SB 762 (approximately October 27th, 2021). And as noted, the wildfire risk map is due by June 30, 2022.

Of note, Crook County has an adopted a Community Wildfire Protection Plan. This plan is updated on a recurring five-year basis by the Crook County Sheriff's Office/Emergency Management, in coordination with local, state, and federal fire officials. It is intended to be used as a county-wide strategic assessment of the risks, hazards, and mitigation and prevention opportunities associated with wildfire in our communities. This document has also identified and mapped the WUI areas in the county, identifying whether they are areas of extreme, high, moderate, or low risk areas. Staff will be coordinating with ODF to determine if the current CWPP is sufficient to meet the needs of SB 762.

At a minimum, we anticipate the new maps to be used to determine when more siting standards and building code standards apply (e.g., greater setbacks and defensible space requirements may be imposed in high-risk areas).

There is still a lot, though, to be determined. Staff intends to follow the outcome of the RACs and subsequent steps taken by ODF in finalizing the WUI definition and statewide wildfire maps. Given regional differences, one concern is that the approach for defining wildfire risk on the western slopes of the Cascades may not work for defining the risk in Crook County. Additional legislative updates may also result from the enactment of the bill, and have still yet to be determined.

Enrolled Senate Bill 391

Sponsored by Senators DEMBROW, FINDLEY, KNOPP; Senators GOLDEN, HANSELL, JAMA, KENNEMER, Representatives BYNUM, LEVY, MORGAN, SMITH DB, ZIKA (Presession filed.)

CHAPTER

AN ACT

Relating to accessory dwelling units in rural residential areas; and declaring an emergency.

Be It Enacted by the People of the State of Oregon:

SECTION 1. Section 2 of this 2021 Act is added to and made a part of ORS chapter 215.

SECTION 2. (1) As used in this section:

(a) "Accessory dwelling unit" has the meaning given that term in ORS 215.501.

(b) "Area zoned for rural residential use" has the meaning given that term in ORS 215.501.

(c) "Single-family dwelling" has the meaning given that term in ORS 215.501.

(2) Consistent with a county's comprehensive plan, a county may allow an owner of a lot or parcel within an area zoned for rural residential use to construct one accessory dwelling unit on the lot or parcel, provided:

(a) The lot or parcel is not located within an area designated as an urban reserve as defined in ORS 195.137;

(b) The lot or parcel is at least two acres in size;

(c) One single-family dwelling is sited on the lot or parcel;

(d) The existing single-family dwelling property on the lot or parcel is not subject to an order declaring it a nuisance or subject to any pending action under ORS 105.550 to 105.600;

(e) The accessory dwelling unit will comply with all applicable laws and regulations relating to sanitation and wastewater disposal and treatment;

(f) The accessory dwelling unit will not include more than 900 square feet of useable floor area;

(g) The accessory dwelling unit will be located no farther than 100 feet from the existing single-family dwelling;

(h) If the water supply source for the accessory dwelling unit or associated lands or gardens will be a well using water under ORS 537.545 (1)(b) or (d), no portion of the lot or parcel is within an area in which new or existing ground water uses under ORS 537.545 (1)(b) or (d) have been restricted by the Water Resources Commission;

(i) No portion of the lot or parcel is within a designated area of critical state concern;

(j) The lot or parcel is served by a fire protection service provider with professionals who have received training or certification described in ORS 181A.410;

(k) The lot or parcel and accessory dwelling unit comply with rules of the State Board of Forestry under ORS 477.015 to 477.061;

(L) Statewide wildfire risk maps have been approved and the accessory dwelling unit complies with the Oregon residential specialty code relating to wildfire hazard mitigation for the mapped area; and

(m) The county has adopted land use regulations that ensure that:

(A) The accessory dwelling unit has adequate setbacks from adjacent lands zoned for resource use;

(B) The accessory dwelling unit has adequate access for firefighting equipment, safe evacuation and staged evacuation areas; and

(C) If the accessory dwelling unit is not subject to ORS 477.015 to 477.061, the accessory dwelling unit has defensible space and fuel break standards as developed in consultation with local fire protection service providers.

(3) A county may not allow an accessory dwelling unit allowed under this section to be used for vacation occupancy, as defined in ORS 90.100.

(4) A county that allows construction of an accessory dwelling unit under this section may not approve:

(a) A subdivision, partition or other division of the lot or parcel so that the existing single-family dwelling is situated on a different lot or parcel than the accessory dwelling unit.

(b) Construction of an additional accessory dwelling unit on the same lot or parcel.

(5) A county may require that an accessory dwelling unit constructed under this section be served by the same water supply source or water supply system as the existing single-family dwelling, provided such use is allowed for the accessory dwelling unit by an existing water right or a use under ORS 537.545. If the accessory dwelling unit is served by a well, the construction of the accessory dwelling unit shall maintain all setbacks from the well required by the Water Resources Commission or Water Resources Department.

(6) An existing single-family dwelling and an accessory dwelling unit allowed under this section are considered a single unit for the purposes of calculating exemptions under ORS 537.545 (1).

(7) Nothing in this section requires a county to allow any accessory dwelling units in areas zoned for rural residential use or prohibits a county from imposing any additional restrictions on accessory dwelling units in areas zoned for rural residential use, including restrictions on the construction of garages and outbuildings that support an accessory dwelling unit.

SECTION 3. This 2021 Act being necessary for the immediate preservation of the public peace, health and safety, an emergency is declared to exist, and this 2021 Act takes effect on its passage.

Passed by Senate April 15, 2021

Repassed by Senate June 9, 2021

.....
Lori L. Bocker, Secretary of Senate

.....
Peter Courtney, President of Senate

Passed by House June 7, 2021

.....
Tina Kotek, Speaker of House

Received by Governor:

.....M.,....., 2021

Approved:

.....M.,....., 2021

.....
Kate Brown, Governor

Filed in Office of Secretary of State:

.....M.,....., 2021

.....
Shemia Fagan, Secretary of State

Enrolled Senate Bill 762

Sponsored by COMMITTEE ON NATURAL RESOURCES AND WILDFIRE RECOVERY (at the request of Senate Committee on Natural Resources and Wildfire Recovery, Governor Kate Brown)

CHAPTER

AN ACT

Relating to wildfire; creating new provisions; amending ORS 197.716, 205.130, 401.025, 477.015, 477.025, 477.027, 477.281 and 526.360; repealing ORS 477.017, 477.018, 477.023, 477.029, 477.031, 477.052, 477.054, 477.057, 477.059, 477.060 and 477.061; and declaring an emergency.

Be It Enacted by the People of the State of Oregon:

ELECTRIC SYSTEM PLANS

SECTION 1. Sections 2 to 4 of this 2021 Act are added to and made a part of ORS chapter 757.

SECTION 2. The Public Utility Commission shall periodically convene workshops for the purpose of helping public utilities that provide electricity, municipal electric utilities, people's utility districts organized under ORS chapter 261 that sell electricity, electric cooperatives organized under ORS chapter 62 and operators of electrical transmission and distribution systems to develop and share information for the identification, adoption and carrying out of best practices regarding wildfires, including, but not limited to, risk-based wildfire protection and risk-based wildfire mitigation procedures and standards.

SECTION 3. (1) A public utility that provides electricity must have and operate in compliance with a risk-based wildfire protection plan that is filed with the Public Utility Commission and has been evaluated by the commission. The plan must be based on reasonable and prudent practices identified through workshops conducted by the commission pursuant to section 2 of this 2021 Act and on commission standards adopted by rule. The public utility must design the plan in a manner that seeks to protect public safety, reduce risk to utility customers and promote electrical system resilience to wildfire damage.

(2) A public utility that provides electricity shall regularly update a risk-based wildfire protection plan on a schedule determined by the commission. The plan must, at a minimum:

(a) Identify areas that are subject to a heightened risk of wildfire and are:

(A) Within the service territory of the public utility; and

(B) Outside the service territory of the public utility but within a reasonable distance, as determined by the commission, of the public utility's generation or transmission assets.

(b) Identify a means for mitigating wildfire risk that reflects a reasonable balancing of mitigation costs with the resulting reduction of wildfire risk.

(c) Identify preventive actions and programs that the public utility will carry out to minimize the risk of utility facilities causing a wildfire.

(d) After seeking information from regional, state and local entities, including municipalities, identify a protocol for the deenergizing of power lines and adjusting of power system operations to mitigate wildfires, promote the safety of the public and first responders and preserve health and communication infrastructure.

(e) Describe the procedures, standards and time frames that the public utility will use to inspect utility infrastructure in areas that the public utility identifies under paragraph (a) of this subsection.

(f) Describe the procedures, standards and time frames that the public utility will use to carry out vegetation management in areas that the public utility identifies under paragraph (a) of this subsection.

(g) Identify the development, implementation and administration costs for the plan.

(h) Identify the community outreach and public awareness efforts that the public utility will use before, during and after a wildfire season.

(3) To develop a plan described in subsection (2) of this section, a public utility may consult with and consider information from regional, state and local entities, including municipalities.

(4) The commission, in consultation with the State Forestry Department and local emergency services agencies, shall evaluate a public utility's wildfire protection plan and plan updates through a public process.

(5) Not more than 180 days after receiving a wildfire protection plan or plan update from a public utility, the commission shall approve or approve with conditions the plan or update if the commission finds that the plan or update is based on reasonable and prudent practices identified through workshops pursuant to section 2 of this 2021 Act and designed to meet all applicable rules and standards adopted by the commission.

(6) The commission's approval of a wildfire protection plan does not establish a defense to any enforcement action for violation of a commission decision, order or rule or relieve a public utility from proactively managing wildfire risk, including by monitoring emerging practices and technologies.

(7) The commission shall adopt rules for the implementation of this section. The rules may include, but need not be limited to, procedures and standards regarding vegetation management, public power safety shutoffs and restorations, pole materials, circuitry and monitoring systems.

(8) All reasonable operating costs incurred by, and prudent investments made by, a public utility to develop, implement or operate a wildfire protection plan under this section are recoverable in the rates of the public utility from all customers through a filing under ORS 757.210 to 757.220. The commission shall establish an automatic adjustment clause, as defined in ORS 757.210, or another method to allow timely recovery of the costs.

SECTION 3a. (1) In addition to all other penalties provided by law, violation of section 3 of this 2021 Act or a rule adopted pursuant to section 3 of this 2021 Act is subject to a civil penalty not to exceed \$10,000.

(2) Notwithstanding ORS 183.315 (6), 183.745 (7)(d) and 756.500 to 756.610, civil penalties under this section must be imposed by the Public Utility Commission as provided in ORS 183.745.

(3) Civil penalties collected under this section must be paid into the General Fund and credited to the Public Utility Commission Account as described in ORS 756.990 (7).

SECTION 4. (1) As used in this section, "consumer-owned utility" and "governing body" have the meanings given those terms in ORS 757.600.

(2) A consumer-owned utility must have and operate in compliance with a risk-based wildfire mitigation plan approved by the governing body of the utility. The plan must be designed to protect public safety, reduce risk to utility customers and promote electrical system resilience to wildfire damage.

(3) The consumer-owned utility shall regularly update the risk-based wildfire mitigation plan on a schedule the governing body deems consistent with prudent utility practices.

(4) A consumer-owned utility shall conduct a wildfire risk assessment of utility facilities. The utility shall review and revise the assessment on a schedule the governing body deems consistent with prudent utility practices.

(5) A consumer-owned utility shall submit a copy of the risk-based wildfire mitigation plan approved by the utility governing body to the Public Utility Commission to facilitate commission functions regarding statewide wildfire mitigation planning and wildfire preparedness.

SECTION 5. A public utility that provides electricity shall submit the first risk-based wildfire protection plan required of the public utility under section 3 of this 2021 Act for Public Utility Commission evaluation no later than December 31, 2021.

SECTION 6. A consumer-owned utility shall submit the first risk-based wildfire mitigation plan required under section 4 of this 2021 Act to the utility governing body no later than June 30, 2022.

SECTION 6a. (1) As used in this section, “electric utility” has the meaning given that term in ORS 757.600.

(2) Sections 3 and 4 of this 2021 Act do not affect the terms or conditions of easement held by an electric utility over private land as of the effective date of this 2021 Act.

SECTION 6b. Sections 3 and 3a of this 2021 Act do not apply to municipally owned utilities organized under ORS chapter 225.

STATEWIDE MAP OF WILDFIRE RISK

SECTION 7. (1) The State Forestry Department shall oversee the development and maintenance of a comprehensive statewide map of wildfire risk that displays the wildfire risk classes described in subsection (4) of this section and populates the Oregon Wildfire Risk Explorer.

(2) The Oregon Wildfire Risk Explorer must be the official wildfire planning and risk classification mapping tool for the State of Oregon.

(3) The State Board of Forestry shall establish by rule criteria by which the map must be developed and maintained, including criteria concerning the use of the most current wildfire assessments.

(4) In consultation with Oregon State University, the department shall establish five statewide wildfire risk classes of extreme, high, moderate, low and no risk. The classes must be:

(a) Consistent with ORS 477.027.

(b) Based on weather, climate, topography and vegetation.

(5) The department shall enter into an agreement with the university that provides that the university will develop and maintain the map and make the map publicly available in electronic form through the Oregon Wildfire Risk Explorer.

(6) The board shall adopt rules that:

(a) Provide opportunities for public input into the assignment of properties to the wildfire risk classes described in subsection (4) of this section.

(b) Require the department to provide notice and information about how a property owner may appeal an assignment of the property owner’s property to the extreme or high wildfire risk classes.

(c) Allow affected property owners and local governments to appeal the assignment of properties to the wildfire risk classes after the map is developed, after any updates to the map and within a reasonable time after delivery of the notice and information described in paragraph (b) of this subsection.

(d) Establish a specific process for appeals through which a requested change in assignment is assessed based on:

(A) Whether the assignment is consistent with the criteria described in subsection (3) of this section;

(B) Any pertinent facts that may justify a change in the assignment; and

(C) Any error in the data the department used to determine the assignment, if the error justifies a change in the assignment.

(7) The map must:

(a) Be based on the wildfire risk classes.

(b) Be sufficiently detailed to allow the assessment of wildfire risk at the property-ownership level.

(c) Include the boundaries of the wildland-urban interface, as defined in ORS 477.015, consistent with national standards.

(d) Include a layer that geospatially displays the locations of socially and economically vulnerable communities.

(8) To develop and maintain the map, the university shall collaborate with the department, the State Fire Marshal, other state agencies, local governments, federally recognized Indian tribes in this state, other public bodies and any other information sources that the university deems appropriate.

(9) In maintaining the map, the university shall make technical adjustments as needed and update the map consistent with the results of appeals described in subsection (6)(b) of this section.

(10) The university shall provide technical assistance to representatives of state and local government, and to landowners, that use the map.

SECTION 7a. (1) On or before December 31, 2021, the State Forestry Department shall report to an interim committee of the Legislative Assembly related to wildfire, in the manner provided in ORS 192.245, to the State Wildfire Programs Director and to the Wildlife Programs Advisory Council on the progress of the department and Oregon State University in complying with the requirements of section 7 of this 2021 Act.

(2) On or before June 30, 2022, the department and university must finish all actions required of the department and university by section 7 of this 2021 Act.

(3) Notwithstanding any contrary provision of law, the State Board of Forestry may adopt temporary rules to help ensure the requirements described in subsection (2) of this section are met.

DEFENSIBLE SPACE

SECTION 8. As used in sections 8a, 8b and 8c of this 2021 Act, “defensible space” means a natural or human-made area in which material capable of supporting the spread of fire has been treated, cleared or modified to slow the rate and intensity of advancing wildfire and allow space for fire suppression operations to occur.

SECTION 8a. (1) The State Fire Marshal shall establish minimum defensible space requirements for wildfire risk reduction on lands in areas identified on the statewide map of wildfire risk described in section 7 of this 2021 Act as within the wildland-urban interface.

(2) The State Fire Marshal:

(a) Shall consult with the Oregon Fire Code Advisory Board to establish the requirements.

(b) Shall establish requirements that are consistent with and do not exceed the standards pertaining only to defensible space that are set forth in the International Wildland-Urban Interface Code published by the International Code Council, including the standards pertaining only to defensible space that are set forth in sections 603 and 604 of the code.

(c) May consider best practices specific to Oregon in order to establish the requirements.

(d) Shall periodically reexamine the standards set forth in the International Wildland-Urban Interface Code and update the requirements to reflect current best practices, in consultation with the Oregon Fire Code Advisory Board.

(e) Shall enforce the requirements that are applicable to lands within the jurisdiction of a local government.

(f) Shall adopt rules governing administration of the requirements.

(g) May develop and apply a graduated fee structure for use in assessing penalties on property owners for noncompliance with the requirements.

(h) Shall consult on implementation of the requirements.

(i) May adopt rules concerning reports by local governments described in subsection (4)(a) of this section.

(3) Subject to additional local requirements, the requirements shall apply statewide for all lands in the wildland-urban interface that are designated as extreme or high risk, as identified on the map.

(4) Notwithstanding subsection (2) of this section, a local government may:

(a) Administer, consult on and enforce the requirements established by the State Fire Marshal, within the jurisdiction of the local government. A local government that administers or enforces the requirements established by the State Fire Marshal shall periodically report to the State Fire Marshal regarding compliance with the requirements, including the extent of compliance for each property within the jurisdiction of the local government, any change in the degree of compliance since the last report and any other information required by the State Fire Marshal by rule.

(b) Adopt and enforce local requirements for defensible space that are greater than the requirements established by the State Fire Marshal. Any local requirements that a local government adopts for defensible space must be defensible space standards selected from the framework set forth in the International Wildland-Urban Interface Code or other best practices specific to Oregon.

(c) Designate local fire districts, fire departments or fire agencies to enforce the requirements established by the State Fire Marshal or the local government pursuant to paragraph (b) of this subsection. A local government that designates enforcement must comply with the reporting requirements in paragraph (a) of this subsection.

(5) The State Fire Marshal shall administer a community risk reduction program that emphasizes education and methods of prevention with respect to wildfire risk, enforcement of defensible space requirements, response planning and community preparedness for wildfires.

(6) The State Fire Marshal may provide financial, administrative, technical or other assistance to a local government to facilitate the administration and enforcement of requirements within the jurisdiction of the local government. A local government shall expend financial assistance provided by the State Fire Marshal under this subsection to give priority to the creation of defensible space:

(a) On lands owned by members of socially and economically vulnerable communities, persons with limited proficiency in English and persons of lower income as defined in ORS 456.055.

(b) For critical or emergency infrastructure.

(c) For schools, hospitals and facilities that serve seniors.

SECTION 8b. (1) The minimum defensible space requirements established by the State Fire Marshal pursuant to section 8a of this 2021 Act may not be used as criteria to approve or deny:

(a) An amendment to a local government's acknowledged comprehensive plan or land use regulations.

(b) A permit, as defined in ORS 215.402 or 227.160.

(c) A limited land use decision, as defined in ORS 197.015.

- (d) An expedited land division, as defined in ORS 197.360.
- (2) Notwithstanding subsection (1) of this section, a local government may:
 - (a) Amend the acknowledged comprehensive plan or land use regulations of the local government to include the requirements; and
 - (b) Use the requirements that are included in the amended acknowledged comprehensive plan or land use regulations as a criterion for a land use decision.

SECTION 8c. The State Fire Marshal shall establish minimum defensible space requirements for wildfire risk reduction on lands in areas identified on the map described in section 7 of this 2021 Act on or before December 31, 2022.

SECTION 9. The Community Risk Reduction Fund is established in the State Treasury, separate and distinct from the General Fund. Interest earned by the Community Risk Reduction Fund shall be credited to the fund. Moneys in the fund are continuously appropriated to the State Fire Marshal for the purpose of carrying out community risk reduction and the local government financial assistance described in section 8a of this 2021 Act.

SECTION 10. (1) The State Fire Marshal shall biannually report regarding the status of State Fire Marshal and local government activities for carrying out section 8a of this 2021 Act to a committee or interim committee of the Legislative Assembly related to wildfire, in the manner provided in ORS 192.245, to the State Wildfire Programs Director and to the Wildfire Programs Advisory Council:

- (a) On or before the date of convening of the regular session of the Legislative Assembly as specified in ORS 171.010.
- (b) Approximately six months after the date described in paragraph (a) of this subsection.
- (2) The report shall include, but need not be limited to:
 - (a) A status report regarding community risk reduction and the establishment, administration and enforcement of defensible space requirements;
 - (b) The amount of moneys expended during the year for community risk reduction and the establishment, administration or enforcement of defensible space requirements;
 - (c) The amount of moneys expended during the year for the suppression of fires on wildland-urban interface lands; and
 - (d) Any recommendations of the State Fire Marshal for legislative action, including, but not limited to, current or future resource and funding needs for community risk reduction and establishing, administering or enforcing defensible space requirements.

LAND USE

SECTION 11. (1) As used in this section, “defensible space” has the meaning given that term in section 8 of this 2021 Act.

(2) The Department of Land Conservation and Development shall identify updates to the statewide land use planning program and local comprehensive plans and zoning codes that are needed in order to incorporate wildfire risk maps and minimize wildfire risk, including the appropriate levels of state and local resources necessary for effective implementation.

(3) Updates may include, but need not be limited to, provisions regarding sufficient defensible space, building codes, safe evacuation and development considerations in areas of extreme and high wildfire risk, allowing for regional differences.

(4) On or before October 1, 2022, the Department of Land Conservation and Development shall:

- (a) Complete the updates.
- (b) Report to a committee or interim committee of the Legislative Assembly related to wildfire, in the manner provided in ORS 192.245, to the State Wildfire Programs Director and to the Wildfire Programs Advisory Council on the updates. The report must include recommendations concerning the updates.

(5) As necessary to identify needed updates and develop the recommendations required by subsection (4)(b) of this section, the department may consult with the State Fire Marshal, the State Forestry Department, the Department of Consumer and Business Services and local governments.

BUILDING CODES

SECTION 12. (1) For extreme and high wildfire risk classes in the wildland-urban interface that are identified pursuant to section 7 of this 2021 Act, the Department of Consumer and Business Services shall adopt wildfire hazard mitigation building code standards that apply to new dwellings and the accessory structures of dwellings, as described in section R327 of the 2021 Oregon Residential Specialty Code.

(2) The department shall amend section R327 of the Oregon Residential Specialty Code to include standards for additions to existing dwellings and accessory structures and for replacement of existing exterior elements covered in section R327 of the 2021 Oregon Residential Specialty Code.

(3) The department shall incorporate the standards described in subsections (1) and (2) of this section into any updates to the Oregon Residential Specialty Code.

SECTION 12a. (1) The Department of Consumer and Business Services shall take the actions required by section 12 (1) and (2) of this 2021 Act not later than October 1, 2022.

(2) The standards described in section 12 (1) and (2) of this 2021 Act may not become operative before April 1, 2023.

SECTION 12b. Not more than two years after the standards described in section 12 (1) and (2) of this 2021 Act are adopted, the Department of Consumer and Business Services shall update section R327 of the Oregon Residential Specialty Code to:

(1) Ensure that the code incorporates the standards described in section 12 (1) and (2) of this 2021 Act; and

(2) Make any necessary adjustments to the applicability of the standards and permitting requirements in the code.

SECTION 12c. The Department of Consumer and Business Services:

(1) Shall develop and maintain an interactive mapping tool that displays, at the property level, wildfire hazard mitigation standards covered in section R327 of the Oregon Residential Specialty Code. The tool must be designed to support future inclusion of snow load, seismic and wind building code standards at the property level.

(2) Shall collaborate with Oregon State University to obtain any needed information from the Oregon Wildfire Risk Explorer and national or science-based sources in order to develop the tool.

(3) Shall ensure that the tool is displayed in an electronic format and available to the public at no charge.

(4) Shall periodically update the tool when the relevant building code is updated.

(5) May enter into an agreement with the university concerning services required to develop and maintain the tool.

SECTION 12d. (1) The Department of Consumer and Business Services shall develop the interactive mapping tool described in section 12c of this 2021 Act not more than 60 days after the statewide map of wildfire risk described in section 7 of this 2021 Act is developed.

(2) Any delay in developing the tool may not affect a deadline concerning the map.

HEALTH SYSTEMS FOR SMOKE

SECTION 13. The Department of Environmental Quality shall develop and implement a program for supporting local communities, in detecting, preparing for, communicating or mitigating the environmental and public health impacts of wildfire smoke.

SECTION 13a. The Department of Environmental Quality shall establish a program for supporting local communities through intergovernmental agreements, grants, contracts or cooperative agreements to develop and implement community response plans to enhance the communities' readiness and mitigation capacity for smoke.

SECTION 13b. (1) The Department of Environmental Quality shall establish and implement a program to support communities across this state in monitoring, interpreting and communicating data related to ambient air quality conditions caused by wildfire smoke.

(2) As part of the program, the department shall:

(a) Conduct community outreach in areas of this state that are prone to poor air quality attributable to elevated levels of particulate matter.

(b) Deploy air quality monitoring equipment in a manner sufficient to evaluate an increased prevalence of poor air quality attributable to elevated levels of particulate matter.

(c) Monitor meteorological conditions in a manner sufficient to forecast occurrences of poor air quality.

SECTION 14. (1) As used in this section, "smoke filtration system" means an air filtration system capable of removing particulates and other harmful components of wildfire smoke in a public building.

(2) In consultation and coordination with the Oregon Health Authority, the Department of Human Services shall establish and implement a grant program that allows local governments to:

(a) Establish emergency clean air shelters.

(b) Equip public buildings with smoke filtration systems so the public buildings may serve as cleaner air spaces during wildfire smoke and other poor air quality events.

(3) The department shall require grantees to provide access to the clean air shelters at no charge.

SECTION 14a. The Department of Human Services is the lead state agency for clean air shelter operations. The department shall:

(1) Consult and collaborate with the Oregon Health Authority to align practices for voluntary evacuations and emergency sheltering operations.

(2) Coordinate with the authority in setting priorities for awarding grants described in section 14 of this 2021 Act.

(3) Provide support to local agencies that take lead roles in operating and planning clean air shelters in the local agencies' jurisdictions.

SECTION 14b. No later than June 30, 2023, in consultation with the Oregon Health Authority, the Department of Human Services shall report to an appropriate committee or interim committee of the Legislative Assembly, in the manner described in ORS 192.245, to the State Wildfire Programs Director and to the Wildfire Programs Advisory Council on:

(1) The grants administered pursuant to section 14 of this 2021 Act, including information about which local governments received grants.

(2) Any barriers to administering the grants.

(3) Areas for improving the grant program described in section 14 of this 2012 Act.

(4) Public health impacts from wildfire smoke events.

SECTION 15. (1) As used in this section, "smoke filtration device" means portable air cleaners and furnace, heating, ventilation and air conditioning filters that are intended to remove contaminants, including particulates and other harmful components of wildfire smoke, from the air in a room to improve indoor air quality.

(2) The Oregon Health Authority shall establish a program to increase the availability of residential smoke filtration devices among persons vulnerable to the health effects of wildfire smoke who reside in areas susceptible to wildfire smoke.

(3) The authority may award grants for the purchase of smoke filtration devices.

(4) If the authority awards grants described in this section, the authority shall give priority to funding for smoke filtration devices in residential buildings occupied by persons who

qualify for the Oregon Health Plan or Medicaid and are vulnerable to the health effects of wildfire smoke.

(5) The authority may adopt rules establishing standards for smoke filtration devices obtained with grant moneys received under this section, including, but not limited to, minimum acceptable efficiency for the removal of particulates and other harmful substances generated by wildfires.

(6) The authority may provide information and refer service providers to grantees that need housing interventions to facilitate effective use of smoke filtration devices, including interventions such as weather proofing.

SECTION 15a. The Oregon Health Authority shall periodically report to an appropriate committee or interim committee of the Legislative Assembly, as described in ORS 192.245, to the State Wildfire Programs Director and to the Wildfire Programs Advisory Council on:

(1) The use of smoke filtration devices funded under section 15 of this 2021 Act, including use of the smoke filtration devices by vulnerable and underserved communities.

(2) The effectiveness of the programs described in section 15 of this 2021 Act.

(3) Areas for improvement.

(4) Public health impacts during wildfire smoke events.

(5) Whether funding described in section 15 of this 2021 Act has provided a public health return on investment.

EMERGENCY RESPONSE AND DISASTER RECOVERY

SECTION 16. ORS 401.025 is amended to read:

401.025. As used in this chapter:

(1) "Emergency" means a human created or natural event or circumstance that causes or threatens widespread loss of life, injury to person or property, human suffering or financial loss, including but not limited to:

(a) Fire, **wildfire**, explosion, flood, severe weather, landslides or mud slides, drought, earthquake, volcanic activity, tsunamis or other oceanic phenomena, spills or releases of oil or hazardous material as defined in ORS 466.605, contamination, utility or transportation emergencies, disease, blight, infestation, civil disturbance, riot, sabotage, acts of terrorism and war; and

(b) A rapid influx of individuals from outside this state, a rapid migration of individuals from one part of this state to another or a rapid displacement of individuals if the influx, migration or displacement results from the type of event or circumstance described in paragraph (a) of this subsection.

(2) "Emergency service agency" means an organization within a local government that performs essential services for the public's benefit before, during or after an emergency, such as law enforcement, fire control, health, medical and sanitation services, public works and engineering, public information and communications.

(3) "Emergency services" means activities engaged in by state and local government agencies to prepare for an emergency and to prevent, minimize, respond to or recover from an emergency, including but not limited to coordination, preparedness planning, training, interagency liaison, fire fighting, oil or hazardous material spill or release cleanup as defined in ORS 466.605, law enforcement, medical, health and sanitation services, engineering and public works, search and rescue activities, warning and public information, damage assessment, administration and fiscal management, and those measures defined as "civil defense" in 50 U.S.C. app. 2252.

(4) "Local government" has the meaning given that term in ORS 174.116.

(5) "Major disaster" means any event defined as a "major disaster" under 42 U.S.C. 5122(2).

SECTION 17. (1) The Office of Emergency Management shall update its statewide emergency plan as necessary to prepare for or respond to wildfire emergencies on an area-wide or statewide basis. The plan developed by the office to prepare for or respond to wildfire

emergencies shall include, but need not be limited to, wildfire risk mitigation efforts and evacuation planning.

(2) The office shall coordinate with cities, counties, adult foster homes, health care facilities and residential facilities, the Department of Human Services and the Oregon Health Authority to establish local or private procedures to prepare for emergencies related to wildfire and ensure that local efforts to prevent, respond to or recover from an emergency caused by wildfire are conducted in a manner consistent with the plan developed by the office to prepare for or respond to wildfire emergencies. The coordinated activities may include, but need not be limited to, providing training, carrying out exercises and promoting community education.

SECTION 17a. The Office of Emergency Management shall conduct the update required by section 17 (1) of this 2021 Act on or before December 31, 2021.

REDUCTION OF WILDFIRE RISK

SECTION 18. (1)(a) The State Forestry Department shall design and implement a program to reduce wildfire risk through the restoration of landscape resiliency and the reduction of hazardous fuel on public or private forestlands and rangelands and in communities near homes and critical infrastructure.

(b) The department shall ensure that the program is consistent with the objectives described in this section and biennially select, administer and evaluate projects consistent with the objectives described in this subsection.

(c) When developing program and project selection criteria, the department shall, to the extent practicable, consult and cooperate with state and federal agencies, counties, cities and other units of local government, federally recognized Indian tribes in this state, public and private forestland and rangeland owners, forest and rangeland collaboratives and other relevant community organizations and ensure consistency with the priorities described in subsection (3) of this section.

(2) The department shall develop a 20-year strategic plan, as described in the Shared Stewardship Agreement signed on August 13, 2019, that prioritizes restoration actions and geographies for wildfire risk reduction. The plan must be able to be used to direct federal, state and private investments in a tangible way.

(3) In selecting and administering projects, the department shall:

(a) In collaboration with the Oregon State University Extension Service and other entities, identify strategic landscapes that are ready for treatment, giving priority to projects within the landscapes that are:

(A) On lands in the four highest eNVC risk classes identified in the United States Forest Service report titled "Pacific Northwest Quantitative Wildfire Risk Assessment: Methods and Results" and dated April 9, 2018;

(B) Inclusive of federal lands with treatment projects currently approved under the National Environmental Policy Act (42 U.S.C. 4321 et seq.);

(C) Focusing on treatments protective of human life, property, critical infrastructure, watershed health and forest or rangeland habitat restoration; and

(D) Part of a collaborative partnership with agreements across diverse forestland or rangeland stakeholders that use an expansive, landscape-scale approach to address underlying causes of poor wildfire resilience and elevated risk of wildfire or that establish innovative approaches to addressing the underlying causes that could be implemented on a larger scale.

(b) To the extent practicable, identify and support projects that are designed to:

(A) Evaluate varying types of fuel treatment methods;

(B) Leverage the collective power of public-private partnerships and federal and state funding, including leverage of the coordination of funding to support collaborative initiatives

that address the underlying causes of elevated forestland and rangeland wildfire risk across ownerships; and

(C) Optimize the receipt of federal government investments that equal or exceed department investments.

(c) Design the projects to involve existing forest-based and range-based contracting entities.

(d) Design the projects to complement programs and projects of the Oregon Watershed Enhancement Board or other state agencies as needed.

(e) Design the projects to involve the Oregon Conservation Corps Program established by section 21 of this 2021 Act, to the maximum extent possible, for community protection projects located in the wildland-urban interface, subject to funding available in the Oregon Conservation Corps Fund established by section 23 of this 2021 Act.

(f) Affirmatively seek, and enhance opportunities for, collaboration from stakeholders holding a wide variety of perspectives regarding forest and rangeland management and opportunities for significant involvement by communities in proximity to project sites.

(g) Engage in monitoring of the projects to produce useful information on which to base recommendations to the Legislative Assembly.

(4) A project under this section may not include commercial thinning on:

(a) Inventoried roadless areas;

(b) Riparian reserves identified in the Northwest Forest Plan or in federal Bureau of Land Management resource management plans;

(c) Late successional reserves, except to the extent consistent with the 2011 United States Fish and Wildlife Service Revised Recovery Plan for the Northern Spotted Owl (*Strix occidentalis caurina*);

(d) Areas protected under the federal Wild and Scenic Rivers Act (P.L. 90-542), national recreation areas, national monuments or areas protected under ORS 390.805 to 390.925;

(e) Designated critical habitat for species listed as threatened or endangered under the Endangered Species Act of 1973 (P.L. 93-205) or by the State Fish and Wildlife Commission under ORS 496.172, unless commercial thinning is already allowed under an existing environmental review or recognized habitat recovery plan; or

(f) Federally designated areas of critical environmental concern or federally designated wilderness study areas.

(5) The department shall give public notice, and allow reasonable opportunity for public input, when identifying and selecting landscapes under this section.

SECTION 19. Section 18 of this 2021 Act does not expand, diminish or otherwise affect a right, privilege, duty or function established under federal, state or local laws or rules that pertain to the management of private lands in this state.

SECTION 20. (1) The State Forestry Department shall complete the operation of projects under section 18 of this 2021 Act no later than June 30, 2023.

(2) The department shall report regarding progress in carrying out projects under section 18 of this 2021 Act to an interim committee of the Legislative Assembly related to natural resources, in the manner provided by ORS 192.245, and to the Governor, State Wildfire Programs Director and Wildfire Programs Advisory Council no later than January 15, 2022. The report shall include, but need not be limited to:

(a) An explanation of how landscapes were selected, a summary of the selected projects, a description of initial outcomes from projects selected under the requirements established by section 18 of this 2021 Act, anticipated time frames for completion of the projects and any initial recommendations concerning landscape identification and projects selected under the requirements established by section 18 of this 2021 Act;

(b) A description of the funding source types and amounts secured by the department as matching funds to implement projects; and

(c) A summary of outreach and coordination with relevant federal and state agencies, counties, cities and other units of local government, federally recognized Indian tribes in this state, public and private forestland and rangeland owners, forestland and rangeland collaboratives and other relevant community organizations to identify and select landscapes for treatment and develop selection criteria for projects.

(3)(a) The department shall report its findings and recommendations regarding wildfire risk reduction on forestland and rangeland and in communities, based on information obtained from the projects described in section 18 of this 2021 Act, to an interim committee of the Legislative Assembly related to natural resources, in the manner provided by ORS 192.245, and to the Governor, State Wildfire Programs Director and Wildfire Programs Advisory Council no later than July 15, 2023. The report shall include, but need not be limited to:

(A) A qualitative and quantitative summary of the project outcomes that, at a minimum, states the number of acres treated, the treatment actions carried out and any resulting or anticipated changes in landscape conditions related to enhanced resiliency or the mitigation of wildfire risk to public values;

(B) The identification of barriers to more efficient implementation and achievement of goals in future wildfire risk reduction projects;

(C) A qualitative and quantitative summary of the use of prescribed fire activities and invasive annual grass treatments for wildfire risk reduction that, at a minimum, states the number of acres burned or treated and any resulting or anticipated changes in landscape conditions related to enhanced resiliency or the mitigation of wildfire risk to public values;

(D) The identification of existing disincentives to, and recommendation for reducing barriers to, the use of prescribed fire;

(E) Recommendations for creating optimal working relationships with forestland and rangeland collaboratives and other relevant community organizations regarding future wildfire risk reduction projects;

(F) A description of the funding source types and amounts secured by the department as matching funds to carry out projects; and

(G) Recommendations for investment in future wildfire risk reduction projects to be carried out in the 2023-2025 biennium.

(b) In developing the report required under this subsection, the department shall work in coordination with federal land management agencies, institutions of higher education and third parties to develop consistent performance measurements and condition-based metrics for monitoring and communicating the effectiveness of state investments and project actions in reducing wildfire risk on public or private forestlands and rangelands and in communities.

OREGON CONSERVATION CORPS

SECTION 21. (1) The Oregon Conservation Corps Program is established for the purposes of:

- (a) Reducing the risk wildfire poses to communities and critical infrastructure.
- (b) Helping to create fire-adapted communities.
- (c) Engaging youth and young adults in workforce training.

(2) Youth and young adults between 13 years of age and 26 years of age who have been qualified by a youth development organization may participate in projects undertaken by the corps.

(3) Notwithstanding any contrary provision of law, participants in projects undertaken by the corps:

- (a) Are not employees of the corps.
- (b) Are exempt from prevailing wage laws.

(c) Must receive compensation for their participation of at least minimum wage or an allowance or stipend that, when combined with other sources of payment the participant is eligible to receive, including academic credit or an AmeriCorps education award, is equivalent to the value of minimum wage.

SECTION 22. (1) As used in this section, "eligible organization" includes Oregon-based nonprofit youth development organizations and public entities that provide programs of job training, skill development and forest-related or rangeland-related career path training.

(2) The Oregon Conservation Corps Advisory Committee is established within the Higher Education Coordinating Commission for the purpose of managing the Oregon Conservation Corps Program.

(3) The Governor shall determine the number of members on the committee and appoint the members.

(4) The committee shall, in collaboration with a qualified nonprofit foundation, actively seek and source private donations to support the Oregon Conservation Corps Program.

(5) The committee may direct the expenditure of moneys from the Oregon Conservation Corps Fund for a promotional website and materials to solicit private funds.

(6) Members may not receive compensation for service on the committee, but, subject to any applicable laws regulating travel and other expenses of state officers and employees, may be reimbursed for actual and necessary travel and other expenses incurred in the performance of committee duties with moneys available to the commission for the purpose of reimbursing the members.

(7) The committee shall administer a grant process that:

(a) Provides funding to support the work conducted by the Oregon Conservation Corps Program.

(b) Defines and uses an equity lens in awarding grants by identifying and supporting populations with greater vulnerability including communities of color, indigenous communities, communities with members who have limited proficiency in English and communities with lower-income members.

(c) Awards grants to eligible organizations.

(d) Ensures that grant awards support activities described in section 21 (1) of this 2021 Act and subsection (8) of this section.

(e) Establishes guidelines for prioritizing grant-supported projects to reduce community fire risks, promote youth and young adult workforce development and educational experiences and reduce hazardous fuels.

(8) The committee shall consult with the State Forestry Department to ensure that the grant process awards funds to proposals that:

(a) Protect at-risk communities and infrastructure within the wildland-urban interface, as described in section 18 of this 2021 Act.

(b) Meet standards for fuel treatment established by the department.

(9) The committee shall biennially submit a report, on the timeline described in ORS 293.640, to an appropriate committee or interim committee of the Legislative Assembly, as described in ORS 192.245, and to the State Wildfire Programs Director and Wildfire Programs Advisory Council, regarding the expenditure of moneys deposited in the Oregon Conservation Corps Fund.

SECTION 23. (1) The Oregon Conservation Corps Fund is established in the State Treasury, separate and distinct from the General Fund. Interest earned by the Oregon Conservation Corps Fund shall be credited to the fund.

(2) The fund may receive contributions from individuals and private organizations.

(3) Moneys in the fund are continuously appropriated to the Higher Education Coordinating Commission to be used as directed by the Oregon Conservation Corps Advisory Committee and for related administrative expenses of the commission.

(4) The commission shall keep records of all moneys credited to and deposited in the fund and the activity or program against which each withdrawal from the fund is charged.

SMALL FORESTLAND GRANT PROGRAM

SECTION 24. (1) As used in this section, “small forestland owner” means an individual, group, federally recognized Indian tribe in Oregon or association that owns:

(a) Up to 160 acres of nonindustrial private forestland west of the crest of the Cascade Mountains; or

(b) Up to 640 acres of nonindustrial private forestland east of the crest of the Cascade Mountains.

(2) The State Forestry Department shall establish a small forestland grant program for the purpose of providing grants, on a competitive basis, to support small forestland owners in reducing wildfire risk through the restoration of landscape resiliency and the reduction of hazardous fuels on the owners’ property.

(3) In consultation with partners and stakeholders, the department shall set criteria for assessing grant applications and awarding grants. The criteria may include, but need not be limited to:

(a) Prioritization of projects on forestland in extreme or high wildfire risk classes described in section 7 of this 2021 Act.

(b) Owner commitment to maintaining fuel reduction treatments.

(c) Owner possession of a forest management plan.

(d) Project proximity to current or past fuel mitigation efforts, supported by any owner or funding source, that would contribute to cross-boundary, landscape-scale forest resiliency.

(e) Whether the project addresses additional resource concerns, such as insect and disease management.

(f) Whether critical facilities and infrastructure may receive enhanced protection due to project outcomes.

PRESCRIBED FIRE

SECTION 25. The State Forestry Department shall adopt rules to clarify that a person may:

(1) Conduct a prescribed fire that burns across land ownership boundaries if the person obtains a permit for the fire as described in ORS 477.515 or 477.625 and complies with the conditions of the permit.

(2) Obtain a single permit under ORS 477.515 or 477.625 for a prescribed fire that burns across land ownership boundaries if the person demonstrates to the department that the person has obtained consent to conduct the fire from all persons on whose lands the fire is planned to burn.

SECTION 25a. The State Forestry Department shall initiate the rulemaking described in section 25 of this 2021 Act on or before November 30, 2021, and finalize the rulemaking on or before November 30, 2022.

SECTION 26. ORS 526.360 is amended to read:

526.360. (1) The State Board of Forestry, *[and the forester]* **the State Forester and forest protective associations** may assist to the extent *[possible]* **practical** in developing, for forestry, grazing or agricultural uses, all forestland classified pursuant to ORS 526.328 or 526.340 for such uses, including the burning of brush or other flammable material for the purpose of:

(a) Removing a fire hazard to any property;

(b) Preparing seed beds;

(c) Removing obstructions to or interference with the proper seeding or agricultural or grazing development or use of that land;

(d) Promoting the establishment of new forest crops on cutover, denuded or underproductive lands;

(e) Implementing pest prevention and suppression activities, as provided in ORS 527.310 to 527.370; or

(f) Promoting improvements to forest health, including improvements to fish and wildlife habitat.

(2) Upon request of the owner or the agent of the owner of any forestland classified pursuant to ORS 526.328 or 526.340, the forester **or a forest protective association** may perform or supervise burning operations thereon for any of the purposes stated in subsection (1) of this section. The owner or the agent of the owner shall supply such personnel and equipment and shall perform such fire control actions and activities as the forester **or forest protective association** may require while there is danger of the fire spreading. The forester **or forest protective association** may refuse to perform or supervise burning or to issue any burning permit when, in the judgment of the forester **or forest protective association**, conditions so warrant.

(3) To accomplish the purposes set forth in subsection (1) of this section, the [State Board of Forestry may] **board shall** establish by rule a Certified Burn Manager program.

(4) The rules shall include:

(a) Certification standards, requirements and procedures;

(b) Standards, requirements and procedures to revoke certification;

(c) Actions and activities that a Certified Burn Manager must perform;

(d) Actions and activities that a Certified Burn Manager may not allow or perform;

(e) Limitations on the use of a Certified Burn Manager; and

(f) Any other standard, requirement or procedure that the board considers necessary for the safe and effective administration of the program.

(5) **The rules may establish and impose fees for participation in the program.**

[(4)] (6) When [any] a burning for any of the purposes stated in subsection (1) of this section on forestland classified pursuant to ORS 526.328 or 526.340 is started under the supervision of and supervised by the forester, **a forest protective association** or a Certified Burn Manager, [no] a person [shall] **may not be held** liable for property damage resulting from that burning unless the damage is caused by the negligence of the person.

SECTION 27. By December 1, 2021, the State Board of Forestry shall:

(1) **Consult with the Oregon Prescribed Fire Council concerning best practices for conducting the Certified Burn Manager program described in ORS 526.360;**

(2) **Initiate rulemaking to establish the program; and**

(3) **Report in the manner provided in ORS 192.245 to an appropriate committee or interim committee of the Legislative Assembly on progress the board has made in establishing and implementing the program and when the board expects to launch the program.**

FEDERAL PARTNERSHIPS

SECTION 27a. The State Forestry Department shall cooperate with federal agencies to increase the effectiveness of activities undertaken pursuant to ORS 526.271, 526.274 and 526.275.

PROTECTED AREAS

SECTION 28. (1) The State Forester, in collaboration with the State Fire Marshal, state agencies and local governments as defined in ORS 174.116, shall adopt rules establishing baseline levels of wildfire protection for lands that are outside of forest protection districts and susceptible to wildfire. When establishing the baseline levels for lands, the State Forester shall ensure that the levels are adapted to reflect regional conditions. A county, in collaboration with the State Forester and the State Fire Marshal, may work to ensure that all lands within the county that are outside of forest protection districts and susceptible to

wildfire are provided with wildfire protection services at the applicable baseline level or a higher level. As used in this subsection, "forest protection districts" means lands designated in State Forester rules as provided under ORS 477.225.

(2) A county, in collaboration with the State Forester and the State Fire Marshal, may assist:

(a) Landowners, individuals and businesses with forming jurisdictions to provide wildfire protection;

(b) Landowners, individuals, businesses and jurisdictions with obtaining expansion of or other changes to boundaries or facility locations of jurisdictions that provide wildfire protection;

(c) Jurisdictions to expand or adjust jurisdiction service boundaries to ensure adequate wildfire protection for lands; and

(d) Jurisdictions in developing wildfire protection facilities, equipment, training and other resources adequate to ensure that the jurisdiction provides timely and effective wildfire protection at the baseline level or higher on lands described in subsection (1) of this section throughout the jurisdiction.

(3) The State Forester may provide financial assistance to counties for carrying out county duties under subsection (2) of this section from any funds made available to the State Forester and designated for that purpose.

SECTION 29. A county shall ensure no later than January 1, 2026, that all lands described in section 28 (1) of this 2021 Act within the county have baseline level or higher wildfire protection as described in section 28 of this 2021 Act.

WILDFIRE RESPONSE CAPACITY

SECTION 30. (1) The State Forestry Department shall establish and maintain an expanded system of automated smoke detection cameras that includes staffing in detection centers to monitor and alert fire suppression staff when fires are detected.

(2) The system must serve the purposes of quickly detecting, locating and extinguishing fires and keeping fires as small as possible.

SECTION 30a. The State Forestry Department:

(1) Shall consult and coordinate with federal agencies, private stakeholders and other state agencies to determine the adequacy of state, federal and private wildfire response capacity. The department shall act to facilitate wildfire prevention and wildfire response communication and coordination between federal, state, local and private entities.

(2) Shall increase the department's wildfire readiness and response capacity, including increases to fire suppression response personnel, aviation assets and necessary administrative support personnel, to the extent the department receives funding for the increase.

(3) Shall, to the extent practicable, seek to leverage state moneys to obtain an increase in federal wildfire resources available to Oregon for effective initial response purposes.

(4) Shall consult with the office of the State Fire Marshal and with local fire defense board chiefs to assess the adequacy of available mutual aid to provide wildfire response on wildland-urban interface lands and to identify means for providing additional resources from the state or other entities to enhance wildfire response capacity on wildland-urban interface lands.

(5) Shall continually identify workforce development needs associated with wildfire risk mitigation and wildfire response and develop funding proposals for meeting those needs on a sustained basis. The identified workforce development needs must align with wildfire risk to provide an adequate level of wildfire protection, as described in ORS 477.062.

(6) May enter into cooperative agreements or contracts with a local or private entity for the purpose of assisting the entity to organize for purposes of wildfire risk mitigation or wildfire response, including, but not limited to, facilitating wildfire training and the acquisi-

tion of firefighting equipment for the entity and assisting with payment for liability insurance and other administrative expenses of the entity associated with wildfire risk mitigation or wildfire response.

SECTION 30b. (1) The office of the State Fire Marshal shall increase the office's wildfire readiness and response capacity to the extent the office receives funding for the increase, by means including:

(a) Increasing fire prevention and response personnel and fire administrative support personnel to address planning, communications, training, deployment and safety.

(b) Implementing innovative technologies and modernizing systems to expedite fire resource deployment in an efficient and safe manner.

(2) The State Fire Marshal may:

(a) Designate funding intended for the Oregon fire mutual aid system to support prepositioning of resources and costs.

(b) Enter into contracts with federal or state agencies, other states, political subdivisions, corporations and authorities having fire suppression jurisdiction for fire prevention, suppression, coordination and response.

WILDLAND-URBAN INTERFACE FIRE PROTECTION

SECTION 31. ORS 477.015 is amended to read:

477.015. [(1)] As used in **this section** and ORS [477.015 to 477.061] **477.025 and 477.027**, [unless the context otherwise requires,] "[forestland-urban] **wildland-urban** interface" [means] **has the meaning given that term in rule by the State Board of Forestry.** [a geographic area of forestland inside a forest protection district where there exists a concentration of structures in an urban or sub-urban setting.]

[(2)] As used in ORS 477.015 to 477.057, unless the context requires otherwise:]

[(a)] "Committee" means a county forestland-urban interface classification committee.]

[(b)] "Governing body" means the board of county commissioners or county court of a county, as the case may be.]

SECTION 32. ORS 477.025 is amended to read:

477.025. The Legislative Assembly recognizes that the [forestland] **wildland-urban** interface in Oregon varies by condition, situation, fire hazard and risk, that different [forestland] **wildland-urban** interface fire protection problems exist across the state because of this variability, **and** that these different problems necessitate varied fire prevention and protection practices. [and that, in order to give recognition to such differences and their effect on the accomplishment of the public policy stated in ORS 477.023, certain classifications of the forestland-urban interface within the State of Oregon are established by ORS 477.027 to 477.057.]

SECTION 33. ORS 477.027 is amended to read:

477.027. (1) By [administrative] rule, **considering national best practices**, the State Board of Forestry shall establish:

(a) **A definition of "wildland-urban interface."**

(b) Criteria by which the [forestland-urban] **wildland-urban** interface [shall] **must** be identified and classified.

(2) The criteria [shall]:

(a) **Must** recognize differences across the state in fire hazard, fire risk and structural characteristics within the [forestland-urban] **wildland-urban** interface.

(b) **May not exclude a category of land from inclusion in the wildland-urban interface.**

(3) **Based on** the criteria [shall include not less than three nor more than], **the board shall establish** five classes of [forestland-urban] **wildland-urban** interface.

(4) **The classes must be integrated into the comprehensive statewide map described in section 7 of this 2021 Act.**

SECTION 33a. The State Board of Forestry shall adopt by rule the definition described in ORS 477.027 (1)(a), as amended by section 33 of this 2021 Act, not later than 100 days after the effective date of this 2021 Act.

SECTION 34. ORS 477.017, 477.018, 477.023, 477.029, 477.031, 477.052, 477.054, 477.057, 477.059, 477.060 and 477.061 are repealed.

STATE WILDFIRE PROGRAMS DIRECTOR

SECTION 35. (1) The Governor shall appoint a State Wildfire Programs Director to serve at the pleasure of the Governor.

(2) The duties of the director shall include:

(a) Overseeing implementation of requirements and authorization provided by this 2021 Act.

(b) Coordinating and integrating activities of state agencies and other entities that are required or authorized by this 2021 Act in order to optimize the efficiency and effectiveness of the activities.

(c) Ensuring compliance with deadlines set out in this 2021 Act.

(d) Monitoring and assessing any financial impacts of the activities on local jurisdictions and the equity of those financial impacts among the jurisdictions.

(e) Supervising staffing of the Wildfire Programs Advisory Council.

(f) Reporting at least every 60 days to the Governor, the President of the Senate, the Speaker of the House of Representatives and the chairs of relevant committees and interim committees of the Legislative Assembly to summarize progress on implementing the activities, note obstacles and opportunities and catalog possibilities for future improvements to further reduce wildfire risk in this state.

(g) Exploring additional opportunities to reduce wildfire risk, including but not limited to engaging with:

(A) Insurance companies regarding insurance policy coverage provisions, underwriting standards, insurance rates and any other topics relevant to enhancing the protection of property from wildfire at a reasonable cost.

(B) Electric utilities regarding further actions to protect public safety, reduce risk to electric company customers and promote electrical system resilience to wildfire damage.

(C) Congressional delegations and federal agencies to expand opportunities for cost-share partnerships for wildfire mitigation and develop strategies for improvements to federal fire management policies.

(h) Collaborating with the State Resilience Officer and participating in any relevant emergency preparedness advisory councils.

WILDFIRE PROGRAMS ADVISORY COUNCIL

SECTION 36. (1) As used in this section, “defensible space” has the meaning given that term in section 8 of this 2021 Act.

(2) There is established a Wildfire Programs Advisory Council to advise and assist the State Wildfire Programs Director by:

(a) Closely monitoring implementation of activities related to wildfire prevention and response, including receiving and evaluating agency reports related to wildfire prevention and response.

(b) Providing advice on potential changes to the activities in order to fulfill the goal of dramatically reducing wildfire risk in this state and ensuring that regional defensible space, building codes and land use applications are appropriate.

(c) Strengthening intergovernmental and multiparty collaboration and enhancing collaboration between governments and stakeholders on an ongoing basis.

(d) Developing strategies to enhance collaboration among governmental bodies and the general public.

(e) Assessing ways the statewide map of wildfire risk described in section 7 of this 2021 Act may inform development of building codes and land use laws, rules and decisions, in a regionally appropriate manner.

(f) Assessing the application of defensible space requirements to vineyards, crops and other cultivated vegetation.

(g) Reviewing Department of Land Conservation and Development findings and recommendations in the report required by section 11 of this 2021 Act and making additional recommendations related to potential updates to the statewide land use planning program, local comprehensive plans and zoning codes to incorporate wildfire risk maps and minimize wildfire risk to people, public and private property, businesses, infrastructure and natural resources.

(3) The council is not a decision-making body but instead is established to provide advice, assistance, perspective, ideas and recommendations to the State Wildfire Programs Director.

(4) The President of the Senate and Speaker of the House of Representatives shall jointly appoint 19 members to the council as follows:

(a) One member who represents county government.

(b) One member who is a land use planning director of a county that is wholly or partially within the wildland-urban interface.

(c) One member who represents city government.

(d) One member who is a land use planning director of a city that is wholly or partially within the wildland-urban interface.

(e) One member who represents fire chiefs and has experience with managing, fighting or preventing fire within the wildland-urban interface.

(f) One member who represents fire marshals and has experience with managing, fighting or preventing fire within the wildland-urban interface.

(g) One member who represents firefighters and has experience with managing, fighting or preventing fire within the wildland-urban interface.

(h) One member who represents rural residential property owners whose property is wholly or partially within the wildland-urban interface.

(i) One member who represents farming property owners whose property is wholly or partially within the wildland-urban interface.

(j) One member who represents ranching property owners whose property is wholly or partially within the wildland-urban interface.

(k) One member who represents forestland owners whose property is wholly or partially within the wildland-urban interface.

(L) One member who represents federally recognized Indian tribes with land wholly or partially within the wildland-urban interface.

(m) One member who represents a utility company.

(n) One member who represents environmental interests.

(o) One member who represents forest resiliency interests.

(p) One member who represents state or regional land use planning organizations.

(q) One member who represents land and housing development interests or real estate industry interests.

(r) One member who represents public health professionals.

(s) One member who represents the environmental justice community.

(5) The presiding officers shall provide public notice of an opportunity for interested parties to submit names of interest for appointment to the council.

(6) At least 30 days before appointing a member, the presiding officers shall consult in good faith with the minority leaders of the Senate and House of Representatives on the appointment.

- (7) The term of service for each member is four years.
- (8) The members are eligible for reappointment.
- (9) The council shall elect a chairperson and vice chairperson to serve for one-year terms.
- (10) The members shall serve on the council as volunteers and are not entitled to reimbursement for expenses.
- (11) The Department of Consumer and Business Services, Department of Land Conservation and Development, office of the State Fire Marshal and State Forestry Department shall each provide 15 percent of the time of a full-time equivalent employee to:
 - (a) Cooperatively staff the council.
 - (b) Attend council meetings as informational resources.
 - (c) Assist with drafting reports at the request of the council.
 - (d) Support the work of the State Wildfire Programs Director.
- (12) The Oregon State University Extension Service shall designate a person to serve as staff for the council.
- (13) Each October the council shall submit a report to the Governor and appropriate committees or interim committees of the Legislative Assembly that describes progress on implementing program activities related to defensible space, building codes, land use and community emergency preparedness and that recommends improvements.

SECTION 37. (1) On or before September 1, 2021, members of the Wildfire Programs Advisory Council must be appointed as described in section 36 (4) of this 2021 Act.

(2) On or before November 1, 2021, the council must begin meeting regularly.

SECTION 38. Notwithstanding section 36 (7) of this 2021 Act, the term of service for the members first appointed from each category described in section 36 (4)(a), (c), (e), (g), (i), (k), (m), (o), (q) and (s) of this 2021 Act is three years.

SECTION 39. The Wildfire Programs Advisory Council must make the first report described in section 36 (13) of this 2021 Act in October 2022.

CONFORMING AMENDMENTS

SECTION 40. For purposes of the sellers' property disclosure statements described in ORS 105.464, "forestland-urban interface" has the same meaning as "wildland-urban interface," as defined in ORS 477.015.

SECTION 41. ORS 197.716 is amended to read:

197.716. (1) As used in this section:

(a) "Economic opportunity analysis" means an analysis performed by a county that:

(A) Identifies the major categories of industrial uses or other employment uses that could reasonably be expected to expand or locate in the county based on a review of trends on a national, state, regional or county level;

(B) Identifies the number of sites by type reasonably expected to be needed to accommodate the expected employment growth based on the site characteristics typical of expected uses;

(C) Estimates the types and amounts of industrial uses and other employment uses likely to occur in the county based on subparagraphs (A) and (B) of this paragraph and considering the county's economic advantages and disadvantages, including:

- (i) Location, size and buying power of markets;
- (ii) Availability of transportation facilities for access and freight mobility;
- (iii) Public facilities and public services;
- (iv) Labor market factors;
- (v) Access to suppliers and utilities;
- (vi) Necessary support services;
- (vii) Limits on development due to federal and state environmental protection laws; and
- (viii) Educational and technical training programs;

(D) Assesses community economic development potential through a public process in conjunction with state agencies and consistent with any categories or particular types of industrial uses and other employment uses desired by the community as identified in an existing comprehensive plan;

(E) Examines existing firms in the county to identify the types of sites that may require expansion;

(F) Includes an inventory of vacant and developed lands within the county designated for industrial use or other employment use, including:

(i) The description, including site characteristics, of vacant or developed sites within each plan or zoning district; and

(ii) A description of any development constraints or infrastructure needs that affect the buildable area of sites in the inventory; and

(G) Identifies additional potential sites for designation and rezoning that could reasonably accommodate expected industrial uses and other employment uses that cannot be met by existing inventories.

(b) "Industrial use" means industrial employment activities, including manufacturing, assembly, fabrication, processing, storage, logistics, warehousing, importation, distribution and transshipment and research and development.

(c) "Listed county" means Baker, Gilliam, Grant, Harney, Lake, Malheur, Sherman, Union, Wallowa or Wheeler County.

(d) "Other employment use" means all nonindustrial employment activities, including small scale commercial use, wholesale, service, nonprofit, business headquarters, administrative, governmental or employment activities that serve the medical, educational, social service, recreational or security industries and that occupy retail, office or flexible building types of any size or multibuilding campuses.

(e) "Reasonably be expected to expand or locate in the county" means that the county possesses the appropriate locational factors for the use or category of use.

(f)(A) "Small scale commercial use" means the low-impact use of land primarily for the retail sale of products or services, including offices.

(B) "Small scale commercial use" does not include use of land for factories, warehouses, freight terminals or wholesale distribution centers.

(2) A listed county that has adopted an economic opportunity analysis as part of its comprehensive plan may amend its comprehensive plan, land use regulations and zoning map to designate not more than 10 sites outside an urban growth boundary that cumulatively total not more than 50 acres of land if the sites were identified in any economic opportunity analysis as additional potential sites for industrial uses or other employment uses in order to allow for industrial uses and other employment uses without requiring an exception under ORS 197.732 to any statewide land use planning goals related to:

(a) Agriculture;

(b) Forest use; or

(c) Urbanization.

(3) A county may not designate a site under subsection (2) of this section:

(a) On any lands designated as high-value farmland as defined in ORS 195.300;

(b) Unless the county complies with ORS 197.714; and

(c) If any portion of the proposed site is for lands designated for forest use, unless the county:

(A) Notifies the State Forester in writing not less than 21 days before designating the site; and

(B) Cooperates with the State Forester in:

(i) Updating and classifying [forestland] **wildland**-urban interface lands in and around the site;

(ii) Taking necessary steps to implement or update the [forestland] **wildland**-urban interface fire protection system in and around the site as described in ORS [477.015 to 477.061] **477.027**; and

(iii) Implementing other fire protection measures authorized by the State Forester.

(4) A county may not amend its comprehensive plan, land use regulations or zoning map under this section to allow a use that would conflict with an administrative rule adopted for the purpose of implementing the Oregon Sage-Grouse Action Plan and Executive Order 15-18.

SECTION 42. ORS 205.130 is amended to read:

205.130. The county clerk shall:

(1) Have the custody of, and safely keep and preserve, all files and records of deeds and mortgages of real property and a record of all maps, plats, contracts, powers of attorney and other interests affecting the title to real property required or permitted by law to be recorded.

(2) Record, or cause to be recorded, in a legible and permanent manner, and keep in the office of the county clerk, all:

(a) Deeds and mortgages of real property, powers of attorney and contracts affecting the title to real property, authorized by law to be recorded, assignments thereof and of any interest therein when properly acknowledged or proved and other interests affecting the title to real property required or permitted by law to be recorded;

(b) Certificates of sale of real property under execution or order of court, or assignments of previously recorded certificates or of any interest in real property, when properly acknowledged or proved;

(c) Certified copies of death records of any person appearing in the county records as owning or having a claim or interest in land in the county. A certified copy of a death record recorded in the deed records of a county under this subsection is a public record and is not subject to the disclosure limitations under ORS 432.350;

(d) Instruments presented for recording by the United States or the State of Oregon, or a political subdivision of either, that affect title to or an interest in real property or that lawfully concern real property; **and**

(e) Instruments recognized under state law or rule or federal law or regulation as affecting title to or an interest in real property if the instrument is properly acknowledged or proved; *and*].

[(f) Orders from a county forestland-urban interface classification committee filed under ORS 477.052.]

(3) Keep and maintain:

(a) Deed and mortgage records;

(b) Statutory lien records;

(c) A record called the County Clerk Lien Record in which the following shall be recorded:

(A) The warrants and orders of officers and agencies that are required or permitted by law to be recorded; and

(B) All instruments presented for recordation when required or permitted by law to be recorded that affect the title to or an interest in real property, other than instruments recorded in the deed and mortgage records or the statutory lien records;

(d) Releases, satisfactions, assignments, amendments and modifications of recorded instruments; and

(e) Other instruments required or permitted by law to be recorded not affecting interests in real property.

(4) Perform all the duties in regard to the recording and indexing of deeds and mortgages of real property, contracts, abstracts of judgments, notices of pendency, powers of attorney and other interests when required or permitted by law to be recorded that affect the title of real property, and in regard to the entry of satisfaction and discharge of the same, together with other documents required or permitted by law to be recorded.

(5) Incur no civil or criminal liability, either personally or in an official capacity, for recording an instrument that does not comply with the provisions of law that require or allow the recording of the instrument.

SECTION 43. ORS 477.281 is amended to read:

477.281. (1) The obligation of an owner of timberland or grazing land for payment of assessments and taxes for fire protection of forestland is limited to:

(a) The payment of moneys pursuant to ORS 321.015 (2), 477.277, 477.295, 477.760 (4) and 477.880 to maintain the Oregon Forest Land Protection Fund; and

(b) The payment of forest protection district assessments pursuant to ORS [477.060 and] 477.205 to 477.281.

(2) As used in this section, "obligation of an owner of timberland or grazing land for payment of assessments and taxes for fire protection of forestland" does not include the duties or obligations of the owner under ORS 477.066, 477.068 or 477.120 or the obligations of an owner of land included in a rural fire protection district pursuant to ORS 478.010.

APPROPRIATIONS (State Forestry Department)

SECTION 44. Notwithstanding any other provision of law, the General Fund appropriation made to the State Forestry Department by section 1 (2), chapter __, Oregon Laws 2021 (Enrolled Senate Bill 5518), for the biennium beginning July 1, 2021, for fire protection, is increased by \$10,611,235, for carrying out the provisions of section 30a of this 2021 Act.

SECTION 45. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (2), chapter __, Oregon Laws 2021 (Enrolled Senate Bill 5518), for the biennium beginning July 1, 2021, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds from the United States Forest Service for fire protection and for research projects, but excluding lottery funds and federal funds not described in section 2, chapter __, Oregon Laws 2021 (Enrolled Senate Bill 5518), collected or received by the State Forestry Department, for fire protection, is increased by \$11,514,649, for carrying out the provisions of section 30a of this 2021 Act.

SECTION 46. Notwithstanding any other provision of law, the General Fund appropriation made to the State Forestry Department by section 1 (3), chapter __, Oregon Laws 2021 (Enrolled Senate Bill 5518), for the biennium beginning July 1, 2021, for federal forest restoration, is increased by \$27,990,713, for carrying out the provisions of sections 7, 18, 20, 24 and 30a of this 2021 Act.

SECTION 47. Notwithstanding any other law limiting expenditures, the limitation on expenditures established by section 2 (1), chapter __, Oregon Laws 2021 (Enrolled Senate Bill 5518), for the biennium beginning July 1, 2021, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts and federal funds from the United States Forest Service for fire protection and for research projects, but excluding lottery funds and federal funds not described in section 2, chapter __, Oregon Laws 2021 (Enrolled Senate Bill 5518), collected or received by the State Forestry Department, for agency administration, is increased by \$1,467,358, for carrying out the provisions of sections 7, 18, 20 and 30a of this 2021 Act.

SECTION 48. In addition to and not in lieu of any other appropriation, there is appropriated to the State Forestry Department, for the biennium beginning July 1, 2021, out of the General Fund, the amount of \$15,000,000, for the purpose of offsetting potential increases in landowner forest patrol assessments under ORS 477.270 due to the implementation of the provisions of section 30a of this 2021 Act.

SECTION 49. Notwithstanding any other provision of law, the General Fund appropriation made to the State Forestry Department by section 1 (6), chapter __, Oregon Laws 2021 (Enrolled Senate Bill 5518), for the biennium beginning July 1, 2021, for the equipment pool, is increased by \$474,884, for carrying out the provisions of section 30a of this 2021 Act.

(Public Utility Commission)

SECTION 50. Notwithstanding any other law limiting expenditures, the amount of \$324,286 is established for the biennium beginning July 1, 2021, as the maximum limit for payment of expenses from fees, moneys or other revenues, including Miscellaneous Receipts, but excluding lottery funds and federal funds, collected or received by the Public Utility Commission, for carrying out the provisions of sections 2 and 3 of this 2021 Act.

(Department of State Police,
Office of the State Fire Marshal)

SECTION 51. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of State Police by section 1 (1), chapter __, Oregon Laws 2021 (Enrolled House Bill 5028), for the biennium beginning July 1, 2021, for patrol services, criminal investigations, gaming enforcement and the office of the State Fire Marshal, is increased by \$13,506,889, for carrying out the provisions of sections 8a, 10 and 30b (1) of this 2021 Act.

SECTION 52. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of State Police by section 1 (1), chapter __, Oregon Laws 2021 (Enrolled House Bill 5028), for the biennium beginning July 1, 2021, for patrol services, criminal investigations, gaming enforcement and the office of the State Fire Marshal, is increased by \$7,000,000, for carrying out the provisions of section 8a (5) of this 2021 Act.

SECTION 53. In addition to and not in lieu of any other appropriation, there is appropriated to the Department of State Police, office of the State Fire Marshal, for the biennium beginning July 1, 2021, out of the General Fund, the amount of \$25,000,000, for deposit in the Community Risk Reduction Fund established by section 9 of this 2021 Act.

SECTION 54. Notwithstanding any other law limiting expenditures, the amount of \$25,000,000 is established for the biennium beginning July 1, 2021, as the maximum limit for payment of expenses by the Department of State Police, office of the State Fire Marshal, from the Community Risk Reduction Fund established by section 9 of this 2021 Act for the purpose of carrying out the provisions of section 8a (6) of this 2021 Act.

SECTION 55. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of State Police by section 1 (1), chapter __, Oregon Laws 2021 (Enrolled House Bill 5028), for the biennium beginning July 1, 2021, for patrol services, criminal investigations, gaming enforcement and the office of the State Fire Marshal, is increased by \$55,000,000, for carrying out the provisions of section 30b of this 2021 Act that are related to the Oregon fire mutual aid system.

(Department of Environmental Quality)

SECTION 56. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Environmental Quality by section 1 (1), chapter __, Oregon Laws 2021 (Enrolled Senate Bill 5516), for the biennium beginning July 1, 2021, for air quality, is increased by \$3,322,828, for carrying out the provisions of sections 13, 13a and 13b of this 2021 Act.

(Department of Human Services)

SECTION 57. Notwithstanding any other provision of law, the General Fund appropriation made to the Department of Human Services by section 1 (1), chapter __, Oregon Laws 2021 (Enrolled Senate Bill 5529), for the biennium beginning July 1, 2021, for central services, is increased by \$5,187,411, for carrying out the provisions of sections 14, 14a and 14b of this 2021 Act.

(Oregon Health Authority)

SECTION 58. Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Health Authority by section 1 (1), chapter __, Oregon Laws 2021 (Enrolled House Bill 5024), for the biennium beginning July 1, 2021, for health systems, health policy and analytics and public health, is increased by \$4,768,812, for carrying out the provisions of sections 14, 14a, 14b, 15 and 15a of this 2021 Act.

(Oregon Military Department)

SECTION 59. Notwithstanding any other provision of law, the General Fund appropriation made to the Oregon Military Department by section 1 (3), chapter __, Oregon Laws 2021 (Enrolled Senate Bill 5535), for the biennium beginning July 1, 2021, for emergency management, is increased by \$700,003, for carrying out the provisions of section 17 of this 2021 Act.

(Higher Education Coordinating Commission,
Oregon State University)

SECTION 60. Notwithstanding any other provision of law, the General Fund appropriation made to the Higher Education Coordinating Commission by section 1 (11), chapter __, Oregon Laws 2021 (Enrolled Senate Bill 5528), for the biennium beginning July 1, 2021, for distribution to public university statewide programs, is increased by \$1,138,040, for distribution to Oregon State University for carrying out the provisions of sections 7, 12c and 18 of this 2021 Act.

SECTION 61. Notwithstanding any other provision of law, the General Fund appropriation made to the Higher Education Coordinating Commission by section 1 (1), chapter __, Oregon Laws 2021 (Enrolled Senate Bill 5528), for the biennium beginning July 1, 2021, for Higher Education Coordinating Commission programs, is increased by \$643,668, for carrying out the provisions of section 22 of this 2021 Act.

SECTION 62. In addition to and not in lieu of any other appropriation, there is appropriated to the Higher Education Coordinating Commission, for the biennium beginning July 1, 2021, out of the General Fund, the amount of \$10,000,000, for deposit in the Oregon Conservation Corps Fund established by section 23 of this 2021 Act.

SECTION 63. In addition to and not in lieu of any other appropriation, there is appropriated to the Higher Education Coordinating Commission, for the biennium beginning July 1, 2021, out of the General Fund, the amount of \$1,000,000, to match private donations that are donated for the purposes of funding grant-supported projects related to the Oregon Conservation Corps Program established by section 21 of this 2021 Act.

(Office of the Governor)

SECTION 64. Notwithstanding any other provision of law, the General Fund appropriation made to the Office of the Governor by section 1, chapter __, Oregon Laws 2021 (Enrolled Senate Bill 5520), for the biennium beginning July 1, 2021, is increased by \$497,541, for carrying out the provisions of section 35 of this 2021 Act.

CAPTIONS

SECTION 65. The unit captions used in this 2021 Act are provided only for the convenience of the reader and do not become part of the statutory law of this state or express any legislative intent in the enactment of this 2021 Act.

EMERGENCY CLAUSE

SECTION 66. This 2021 Act being necessary for the immediate preservation of the public peace, health and safety, an emergency is declared to exist, and this 2021 Act takes effect on its passage.

Passed by Senate June 25, 2021

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Lori L. Brocker, Secretary of Senate

.....
Peter Courtney, President of Senate

Passed by House June 26, 2021

.....
Tina Kotek, Speaker of House

Received by Governor:

.....M.,....., 2021

Approved:

.....M.,....., 2021

.....
Kate Brown, Governor

Filed in Office of Secretary of State:

.....M.,....., 2021

.....
Shemia Fagan, Secretary of State

