Tillamook County

DEPARTMENT OF COMMUNITY DEVELOPMENT BUILDING, PLANNING & ON-SITE SANITATION SECTIONS



1510 - B Third Street Tillamook, Oregon 97141 www.tillamookcounty.gov 503-842-3408

Land of Cheese, Trees and Ocean Breeze

VARIANCE REQUEST #851-25-000077-PLNG VERIZON COMUNICATIONS FACILITY

NOTICE TO MORTGAGEE, LIENHOLDER, VENDOR OR SELLER: ORS 215 REQUIRES THAT IF YOU RECEIVE THIS NOTICE, IT MUST BE PROMPTLY FORWARDED TO THE PURCHASER

April 25, 2025

Dear Property Owner:

This is to confirm that the Tillamook County Department of Community Development **APPROVED WITH CONDITIONS** the above-cited request on April 25, 2025. A copy of the application, along with a map of the request area and the applicable criteria for review are available for inspection on the Tillamook County Department of Community Development website: https://www.tillamookcounty.gov/commdev/landuseapps and is also available for inspection at the Department of Community Development office located at 1510-B Third Street, Tillamook, Oregon 97141.

Appeal of this decision. This decision may be appealed to the Tillamook County Planning Commission, who will hold a public hearing. Forms and fees must be filed in the office of this Department before **4:00pm on May 7**, **2025.** This decision will become final on May 7, 2025, after 4:00pm unless an appeal is filed in accordance with Tillamook County Land Use Ordinance Article X.

Request: Variance request to reduce the required 30-foot property line setback to 4-feet 7-

inches for the siting of a new wireless communications facility.

Location: Located east of the Unincorporated Community of Siskeyville, the subject

property is located at 18098 Wilson River Highway, a state highway, and is designated as Tax Lot 200 of Section 9B, Township 1 South, Range 8 West of the

Willamette Meridian, Tillamook County, Oregon.

Zone: Forest (F)

Applicant: Tessie Murakami & Sarah Blanchard, 5200 SW Meadows Road, STE 150, Lake Oswego

OR 97035

Property

Owner: Stimson Lumber Company, 9400 SW Barnes Road, STE 530, Portland, OR 97225

CONDITIONS OF APPROVAL

Section 8.060: COMPLIANCE WITH CONDITIONS and Section 8.070: TIME LIMIT requires compliance with approved plans and conditions of this decision, and all other ordinance provisions, and allows 24 months for compliance with Conditions and start of construction. Failure to comply with the Conditions of Approval and ordinance provisions could result in nullification of this approval.

- 1. The applicant and property owner shall obtain all Federal, State, and Local permits, as applicable.
- 2. Variance approval is to reduce the required 30-foot property line setback to 4-feet 7-inches as depicted on the site plan included in "Exhibit B" of the applicant's submittal for the placement of the monopole and communications facility.
- 3. Development shall adhere to the applicable Conditions of Approval for Conditional Use #851-24-000248-PLNG.
- 4. This approval shall be void on April 25, 2027, unless construction of approved plans has begun, or an extension is requested from, and approved by this Department.

Sincerely,

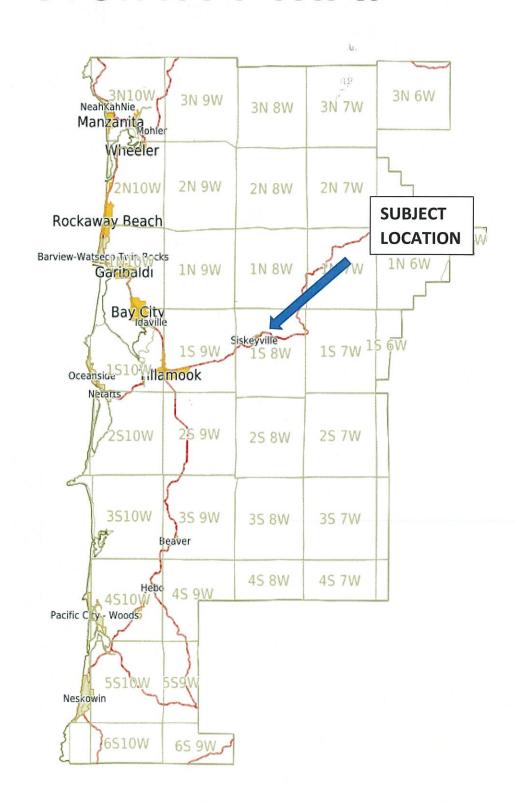
Tillamook County Department of Community Development

Sarah Absher, CFM, Director

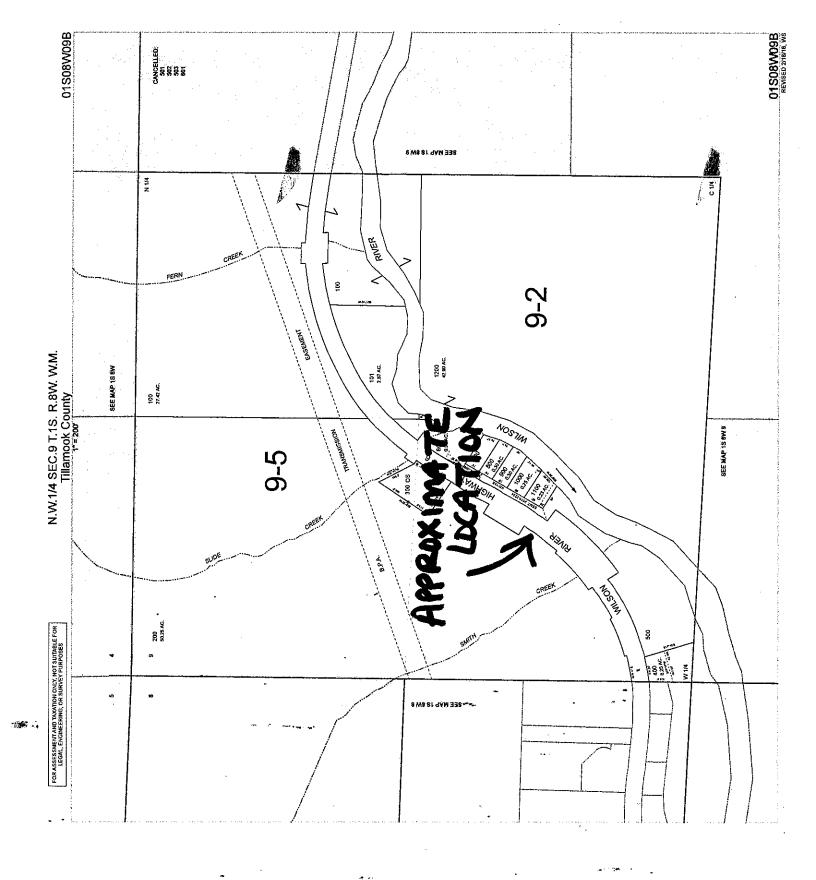
Enc.: Vicinity, Assessor's and Zoning maps

VICINITY MAP

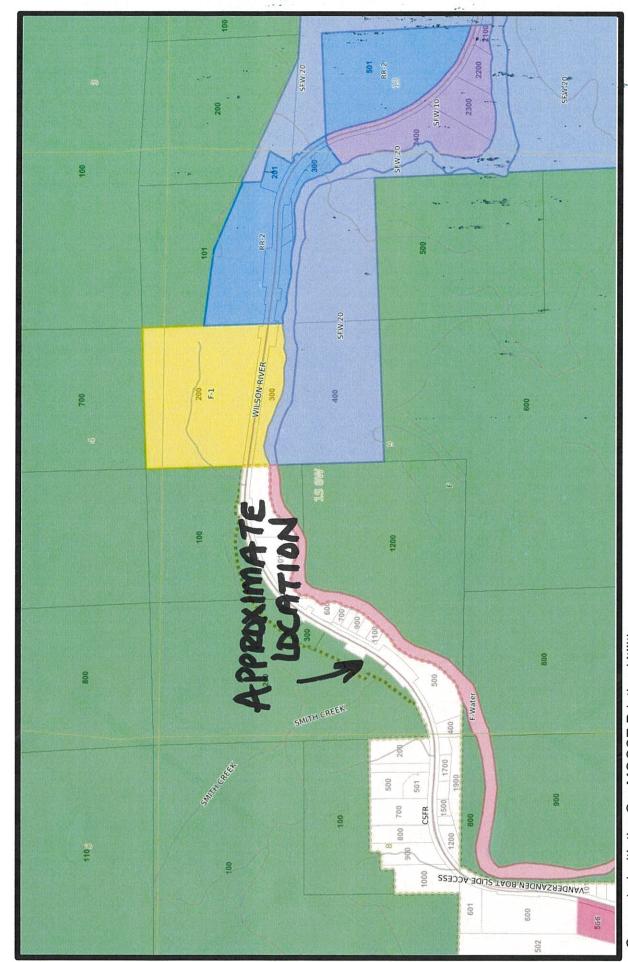
119



#851-25-000077-PLNG: Communications Facility
Variance Request



Map



Generated with the GeoMOOSE Printing Utilities

Tillamook County

DEPARTMENT OF COMMUNITY DEVELOPMENT BUILDING, PLANNING & ON-SITE SANITATION SECTIONS



1510 – B Third Street Tillamook, Oregon 97141 www.tillamook.or.us

Building (503) 842-3407 Planning (503) 842-3408 On-Site Sanitation (503) 842-3409 FAX (503) 842-1819 Toll Free 1 (800) 488-8280

Land of Cheese, Trees and Ocean Breeze

VARIANCE REQUEST #851-25-000077-PLNG STIMSON LUMBER COMPANY VERIZON COMUNICATIONS FACILITY

Decision: APPROVED WITH CONDITIONS

Staff Report Date: April 25, 2025 Report Prepared By: Sarah Absher, CFM, Director

I. GENERAL INFORMATION:

Request: Variance request to reduce the required 30-foot property line setback to 4-feet 7-inches as

depicted on the site plan included in "Exhibit B" for the siting of a new wireless

communications facility.

Location:

Located east of the Unincorporated Community of Siskeyville, the subject property is located at 18098 Wilson River Highway, a state highway, and is designated as Tax Lot 200 of Section 9B, Township 1 South, Range 8 West of the Willamette Meridian, Tillamook

County, Oregon (Exhibit A).

Zone:

Forest (F)

Applicant:

Tessie Murakami & Sarah Blanchard, 5200 SW Meadows Road, STE 150, Lake Oswego,

OR 97035

Property Owner:

Stimson Lumber Company, 9400 SW Barnes Road, STE 530, Portland, OR 97225

Property & Vicinity Description: The subject property encompasses approximately 50.59-acres of forested landscape and rugged terrain (Exhibit A). County records indicate the subject property is unimproved (Exhibit A).

Zoning in the area consists of Forest (F) and for those property located in the Unincorporated Community of Siskeyville, the Community Single Family Residential (CSFR) Zone (Exhibit A). Many of the residentially zoned properties are improved with residential dwellings. Aerial imagery confirms the forested areas within the vicinity are vacant of improvements and similar to the subject property, these forested areas consisted of forested landscape and rugged terrain.

Article VIII of the Tillamook County Land Use Ordinance governs the applications of Variances within the County. Section 4.005 lists the purposes of the land use standards in each of the residential and commercial zones.

1. **Section 8.020** requires public notice in accordance with TCLUO Section 10.070 which requires notification of the request to be published in a newspaper of local distribution and mailed to landowners within 250 feet of the subject property.

Findings: Notice of this Variance request was mailed to property owners within 750-feet and affected agencies on March 31, 2025. Comments were received from the Oregon Department of Transportation and are included in "Exhibit C" of this report.

- 2. Section 8.030 states that a Variance may be authorized if the applicants/property owners adequately demonstrate that the proposed use satisfies all relevant requirements, including all four review criteria in Section 8.030. These criteria, including Section 4.005 Residential and Commercial Zone Standards, along with Staff's findings and conclusions are indicated below:
 - (1) Circumstances attributable either to the dimensional, topographical, or hazardous characteristics of legally existing lot, or to the placement of structures thereupon, would effectively preclude the enjoyment of a substantial property right enjoyed by the majority of landowners in the vicinity, if all applicable standards were to be met. Such circumstances may not be self-created.

Findings: Applicant states that the proposed site for the 35-foot monopole was selected after careful consideration of the topographic features of the land (topographic constraints), ensuring the structure will effectively meet coverage requirements with strong and reliable service along the highway (Exhibit B). Applicant adds that the tower must be positioned at this exact distance from the highway to take advantage of the natural line of site coverage (Exhibit B).

Staff finds that the circumstances and constraints identified by the Applicant are not a self-created issue, and that relief to the required 30-foot setback ensures the ability to site the monopole on the subject property.

Staff concludes this criterion is met.

(2) A variance is necessary to accommodate a use or accessory use on the lot which can be reasonably expected to occur within the zone or vicinity.

Findings: Applicant states the requested variance is necessary to site the proposed 35-foot monopole tower along Highway 6 (Wilson River Highway) to accommodate the wireless infrastructure needed to address the substantial coverage gap in the area, and that the variance will allow the placement of the monopole in a way that provides effective service coverage while complying with the unique topographic, dimensional and zoning requirements of the property (Exhibit B).

For the reasons stated by the Applicant, staff finds the Variance is necessary to accommodate a use on the property which can be reasonably expected to occur within the zone given approval of the project through approved Conditional Use #851-24-000248-PLNG. Staff concludes that this criterion has been met.

(3) The proposed variance will comply with the purposes of relevant development standards as enumerated in Section 4.005 and will preserve the right of adjoining property owners to use and enjoy their land for legal purposes.

Section 4.005: Residential and Commercial Zone Standards of the Tillamook County Land Use Ordinance lists the purposes of the land use standards in each of the residential and commercial zones as follows:

- (1) To ensure the availability of private open spaces;
- (2) To ensure that adequate light and air are available to residential and commercial structures;
- (3) To adequately separate structures for emergency access:
- (4) To enhance privacy for occupants or residences;
- (5) To ensure that all private land uses that can be reasonably expected to occur on private land can be entirely accommodated on private land, including but not limited to dwellings, shops, garages, driveway, parking, areas for maneuvering vehicles for safe access to common roads, alternative energy facilities, and private open spaces;
- (6) To ensure that driver visibility on adjacent roads will not be obstructed;
- (7) To ensure safe access to and from common roads;
- (8) To ensure that pleasing view are neither unreasonably obstructed nor obtained;
- (9) To separate potentially incompatible land uses;
- (10) To ensure access to solar radiation for the purpose of alternative energy production.

Findings: Findings: The proposed use, siting of a 35-foot monopole as part of a larger project to provide cellular coverage along the Highway 6 (Wilson River Highway) corridor, is a use that is not residential in nature. Applicant states the placement and height of the monopole have been carefully considered to avoid any disruption to adjacent properties. Surrounding properties are primarily forest zoned, and the proposed development of the monopole is not near residential properties. Applicant adds that the location and height of the tower ensure light, air and views are not blocked in a manner that would impact neighboring landowners' enjoyment of their property (Exhibit B).

The County regulates views through compliance with building height requirements. Staff finds the height of monopole complies with the maximum height requirement for structures in the Forest (F) zone outlined in TCLUO Section 3.004 (Exhibit B).

For the reasons outlined above and stated in the Applicant's submittal included as "Exhibit B" of this report, staff concludes the proposed variance complies with the purposes of relevant development standards as enumerated in Section 4.005 and preserves the right of adjoining property owners to use and enjoy their land for legal purposes. This criterion is met.

(4) There are no reasonable alternatives requiring either a lesser or no variance.

Findings: Applicant states the unique topography of the property plays a significant role in determining the location of the 35-foot monopole, and that due to natural features such as elevation changes, slopes and the layout of surrounding roads and properties, the placement of the tower in any other location would fail to meet service coverage requirements or would cause excessive interference with the surrounding environment (Exhibit B). For the reasons outlined in Applicant's submittal in "Exhibit B", Applicant states there are no reasonable alternatives requiring either a less or no variance.

Staff concurs with the Applicant's justification and concludes this criterion has been met.

IV. <u>DECISION: APPROVED WITH CONDITIONS</u>

Staff concludes, based on the findings of fact and other relevant information in the record, that the Applicant has satisfied/or is able to satisfy the applicable ordinance requirements through the Conditions of Approval, and therefore, approves the request subject to the provisions in Section V below.

By accepting this approval the applicants/property owners agree to indemnify, defend, save and hold harmless Tillamook County, and its officers, agents, and employees from any claim, suit, action or activity undertaken under this approval, including construction under a Building Permit approved subject to this approval. The applicants/property owners shall obtain all of the necessary local, state, and federal permits and comply with all applicable regulations for the proposed building site.

This decision may be appealed to the Tillamook County Planning Commission, who will hold a public hearing. Forms and fees must be filed in the office of this Department before 4:00 PM on May 7, 2025.

V. CONDITIONS OF APPROVAL:

Section 8.060: COMPLIANCE WITH CONDITIONS and Section 8.070: TIME LIMIT requires compliance with approved plans and conditions of this decision, and all other ordinance provisions, and allows 24 months for compliance with Conditions and start of construction. Failure to comply with the Conditions of Approval and ordinance provisions could result in nullification of this approval.

- 1. The applicant and property owner shall obtain all Federal, State, and Local permits, as applicable.
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- 3. Development shall adhere to the applicable Conditions of Approval for Conditional Use #851-24-000248-PLNG.
- 4. This approval shall be void on April 25, 2027, unless construction of approved plans has begun, or an extension is requested from, and approved by this Department.

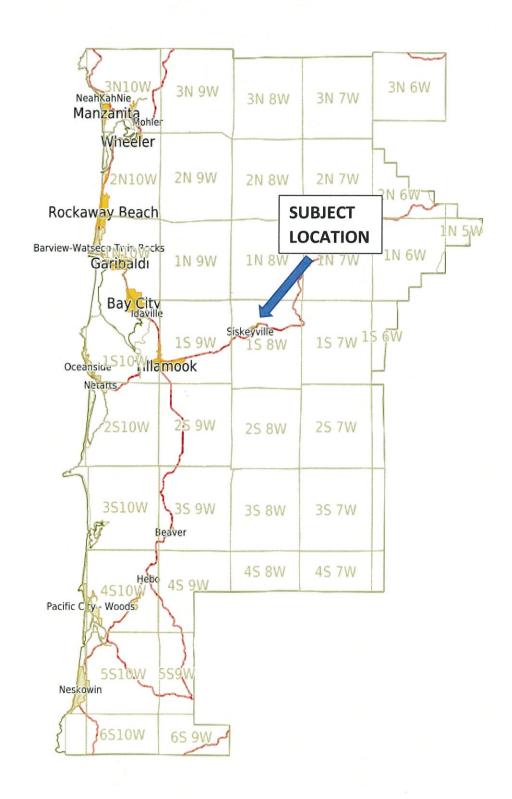
VI. EXHIBITS

All Exhibits referred to herein are, by this reference, made a part hereof:

- A. Location Map, Assessor map, Zoning map, DOGAMI Hazard Map, FEMA FIRM, Wetland Inventory Map, Assessment Summary
- B. Applicant's submittal
- C. Public/Agency Comments

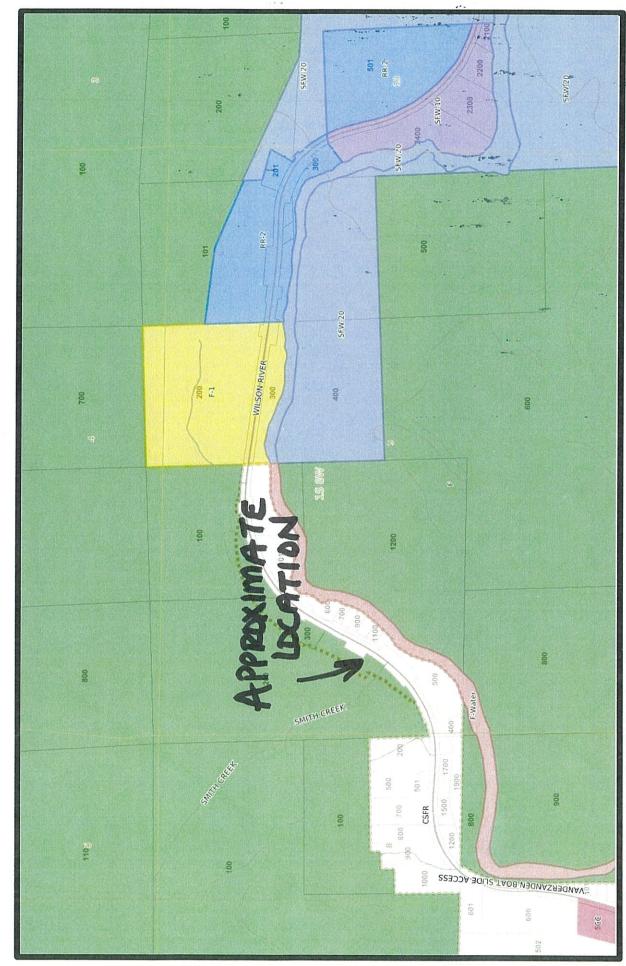
EXHIBIT A

VICINITY MAP



#851-25-000077-PLNG: STIMSON & VERIZON COMMUNICATION TOWER

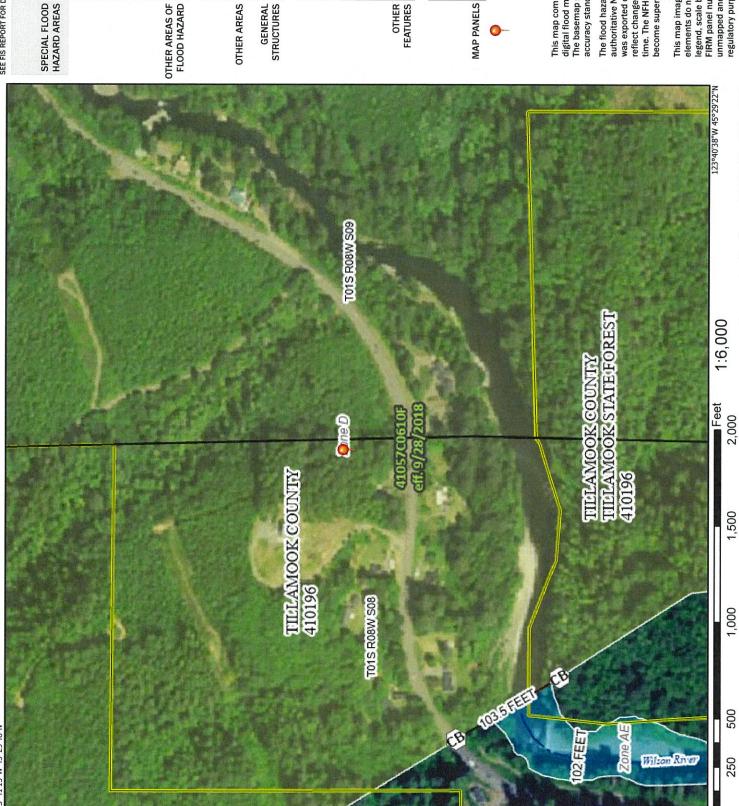
Map



Generated with the GeoMOOSE Printing Utilities

National Flood Hazard Layer FIRMette





Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

With BFE or Depth Zone AE, AO, AH, VE, AR Without Base Flood Elevation (BFE) Regulatory Floodway

of 1% annual chance flood with average 0.2% Annual Chance Flood Hazard, Area depth less than one foot or with drainag areas of less than one square mile Zone Future Conditions 1% Annual

Chance Flood Hazard Zone

Area with Flood Risk due to Levee Zone D Area with Reduced Flood Risk due to Levee. See Notes. Zone X

No screen Area of Minimal Flood Hazard Zone X **Effective LOMRs**

Area of Undetermined Flood Hazard Zon

---- Channel, Culvert, or Storm Sewer

STRUCTURES | 111111 Levee, Dike, or Floodwall GENERAL

B 20.2 Cross Sections with 1% Annual Chance

Water Surface Elevation

Base Flood Elevation Line (BFE) Coastal Transect

Limit of Study

Jurisdiction Boundary

Coastal Transect Baseline Hydrographic Feature Profile Baseline

OTHER FEATURES

Digital Data Available

No Digital Data Available

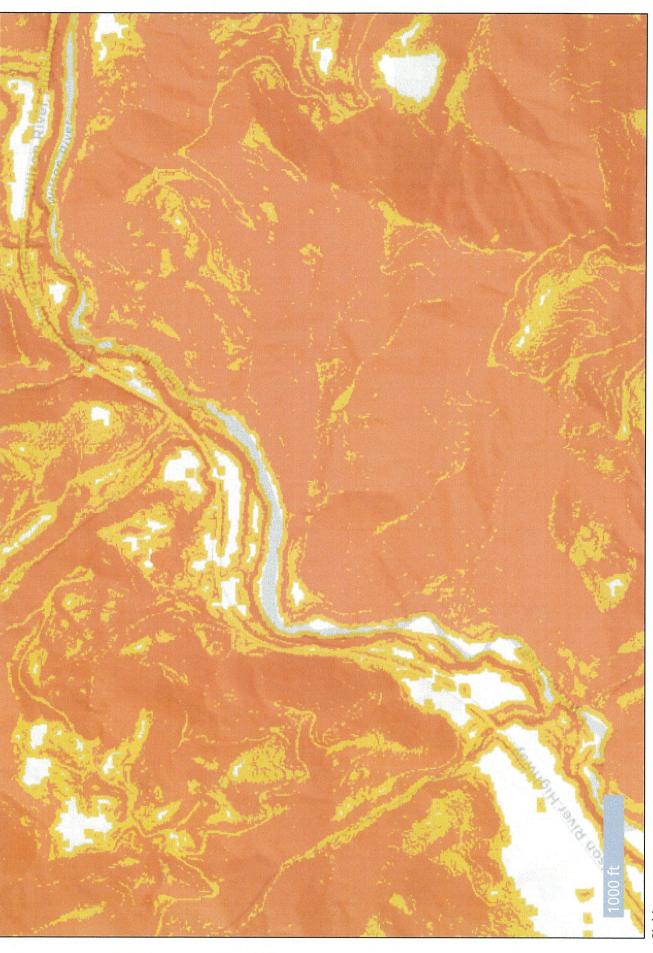
Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represe an authoritative property location.

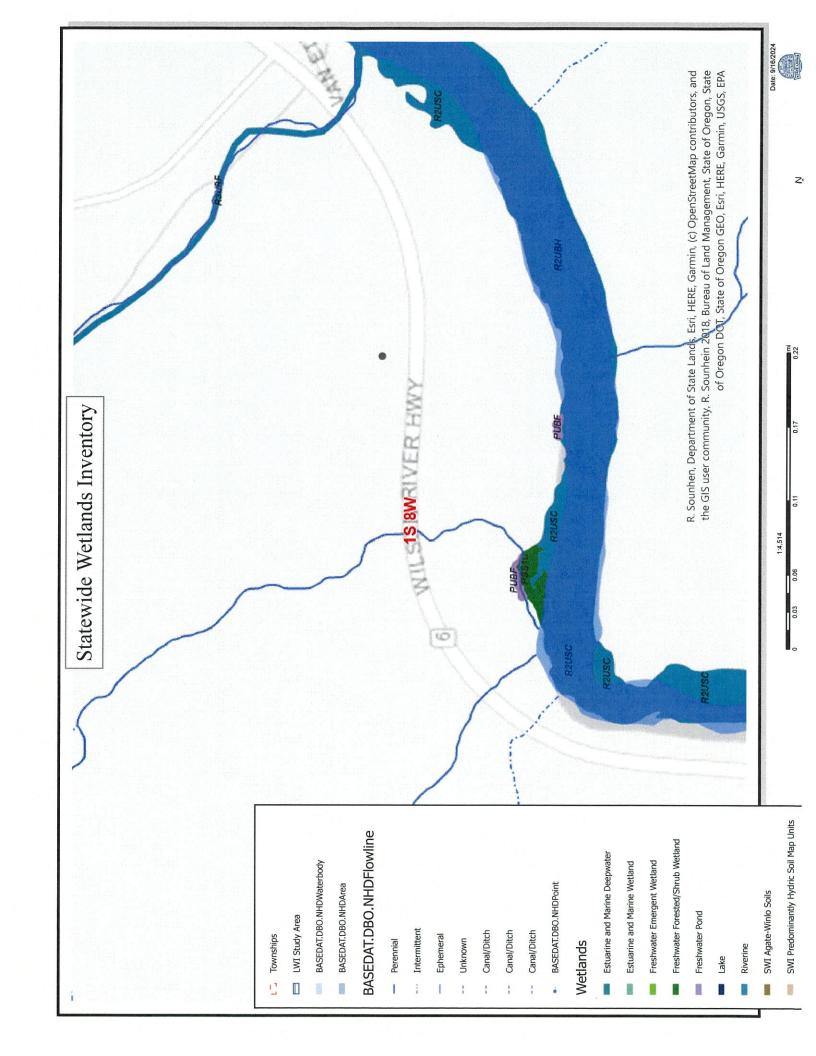
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap

authoritative NFHL web services provided by FEMA. This map reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or The flood hazard information is derived directly from the was exported on 9/16/2024 at 12:42 PM and does not

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, FIRM panel number, and FIRM effective date. Map images for egend, scale bar, map creation date, community identifiers, unmapped and unmodernized areas cannot be used for regulatory purposes.



Disclaimer: The spatial information hosted at this website was derived from a variety of sources. Care was taken in the creation of these themes, but they are provided "as is." The state of Oregon, or any of the draw providers cannot accept any responsibility for errors, contractly from the precise because or underlying records. Care measuring or the earth or the precise because of these products. However, notification of any errors would be appreciated. The data are clearly not intended to indicate the authoritative location of property boundaries, the precise shape or contour of the earth or the precise because of the earth or the precise because of the earth or the precise because any or the precise because of the property or the precise because the



Tillamook County 2024 Real Property Assessment Report

Account 137621

Map

1S0809B000200

Code - Tax ID

0902 - 137621

Tax Status

Assessable

Account Status Subtype

Active **NORMAL**

Legal Descr

See Record

Mailing

STIMSON LUMBER COMPANY

%JESSIE BENTON

9400 SW BARNES RD STE 530 PORTLAND OR 97225-6690

Sales Date/Price

(SOURCE ID: 439-925)

Appraiser

09-23-2002 / \$22,000,000

MA

SA NH

600

Deed Reference #

UNKNOWN

Property Class RMV Class

600

600

01 01

Site Situs Address

City

			Value Summary			
Code Ar	ea	RMV	MAV	AV	RMV Exception	CPR %
0902	Land	50,060		Land	0	
	lmpr	0		Impr	0	
Code	Area Total	50,060	32,020	26,761	0	
G	rand Total	50,060	32,020	26,761	0	

Land Breakdown							
Code		Plan		Trend			
Area	ID#	RFPD Ex Zone	Value Source	%	Size	Land Class	Trended RMV
0902	0	F	Classified Forest Land	100	9.25 AC	ОВ	11,470
	0	F	Classified Forest Land	100	37.00 AC	oc	38,520
	0	F	Classified Forest Land	100	4.00 AC	ox	70
			Code	Area Total	50.25 AC		50,060

				Improvement Breakdown			
Code		Year	Stat	Trend			
Агеа	ID#	Built	Class Description	%	Total Sqft	Ex% MS Acct	Trended RMV

Exemptions / Special Assessments / Notations						
Code Area 0902						
Fire Patrol	Amount	Acres	Year			
■ FIRE PATROL NORTHWEST	95.99	50.25	2024			
Fire Patrol	Amount	Acres	Year			
■ FIRE PATROL SURCHARGE	0.00		2024			

4/23/2025 5:05 PM Page 1 of 1

EXHIBIT B



Land Use Application

Rev. 6/9/23

Tillamook County Department of Community Development 1510-B Third Street. Tillamook, OR 97141 | Tel: 503-842-3408 Fax: 503-842-1819

www.co.tillamook.or.us

OFFICE USE ONLY

PLANNING APPLICATION

Applicant □ (Check Box if Same as Prop Name: Tessie Murakami Phone:	erty Owner) 310.483.5343		FEB 2 1 2025
Address: 5200 SW Meadows Rd., Suite 150		E	Y:771)
City: Lake Oswego State: C	OR Zip: 97035		Approved □Denied
Email: tessie.murakami@acomconsultinginc.com		-	ceived by:
	*	_	
Property Owner		-	ceipt #:
Name: Stimson Lumber Company Phone:	208-762-6553		es: ermit No:
Address: 9400 SW Barnes Rd., Suite 530		1	51-25-00077 -PLNG
City: Portland State: C	OR Zip: 97225	0:	SI-WY-DIALTY-PLING
Email: tmadison@stimsonlumber.com (Tyler	Madison, RE Manager)		
Request: Type II Variance Review for a new wireless comm Request to locate tower 4 ft. 7 inches from property b			
Type II	Type III	Type I	V
☐ Farm/Forest Review	☐ Detailed Hazard Report		rdinance Amendment
☐ Conditional Use Review	Conditional Use (As deemed	☐ La	arge-Scale Zoning Map
☑ Variance	by Director)		mendment
☐ Exception to Resource or Riparian Setback	☐ Ordinance Amendment		an and/or Code Text
☐ Nonconforming Review (Major or Minor)	☐ Map Amendment	A	mendment
☐ Development Permit Review for Estuary	☐ Goal Exception		
Development	☐ Nonconforming Review (As		
■ Non-farm dwelling in Farm Zone	deemed by Director)		
☐ Foredune Grading Permit Review	☐ Variance (As deemed by		
 Neskowin Coastal Hazards Area 	Director)		
Location:			
Site Address: 18098 Wilson River Hwy., Tilla	mook, OR 97141 (137621/1S08		
Map Number: 1S 08		09B	200
Township Range		Section	Tax Lot(s)
Clerk's Instrument #:			
Authorization			
This permit application does not assure permit a	approval. The applicant and/or pro	perty ow	vner shall be responsible for
obtaining any other necessary federal, state, an			
complete, accurate, and consistent with other in	nformation submitted with this app	plication	•
/ / ///./.	ووجوا المراز والم		ے داراء
Property Owner Signature (Required)	COAST UNIT MANAG	ER	Date
Tessie Murakami			2/14/25
Applicant Signature		WHO THE STREET	Date



LAND USE APPLICATION - VARIANCE

VERIZON WIRELESS TELECOMMUNICATIONS FACILITY AT

18098 Wilson River Hwy Tillamook, OR 97141

Prepared By



Date February 17, 2025

Project Name POR HWY 6 - 02



I. <u>GENERAL INFORMATION</u>

Applicant: Verizon Wireless

5430 NE 122nd Avenue Portland, OR 97230

<u>Representative:</u> Acom Consulting, Inc.

Tessie Murakami

5200 SW Meadows Rd., Suite 150

Lake Oswego, OR 97035

Property Owner: Stimson Lumber

9400 SW Barnes Rd., Suite 530

Portland, OR 97225

Project Information:

Site Address: 18098 Wilson River Hwy, Tillamook, OR 97141

Parcel: 1S0809B000200

Account Number: 137621
Parcel Area: 50.25 acres
Zone Designation: F (Forest)

Existing Use: Forest

Project Area: 100 Square Feet (10' x 10') accessed by a short 10' wide access and utility easement.

II. PROJECT OVERVIEW

Acom Consulting is applying on behalf of Verizon Wireless, who will own and operate the tower and ground space; Cellco Partnership dba Verizon Wireless, who will be located on this facility and the property owner, Tillamook County. The site proposed herein is designed to improve the voice and data capacity for its customers in Tillamook County and along Highway 6. This is part of the initiative to provide better coverage of 911 calls on the highway since it is known as the deadly stretches in Oregon. The state is mandating all carriers to address the coverage gap at HWY OR-6.

The applicant proposes to construct a new wireless communications facility ("WCF") within a 10' x 10' ground lease area. This proposal includes a 35-foot monopole tower with up to 3 antennas at an antenna tip-height of 35' and associated RRU's, equipment cabinets, backup generator, and high security fence with 3 strands barbed wire. The site will be accessed via an existing driveway off HWY OR-6.

The monopole tower would be a metal pole and can be painted a non-reflective color to blend with the adjacent mature trees and sky. The proposed monopole (small cell) is only 35' and is a part of Verizon's small cells project in Tillamook County which is requiring additional poles to be installed along HWY OR-6 for the proposal



to provide adequate service coverage in the area. The County requested for the additional pole height of 35' to allow for future colocation by County antennas after application/structural review by Verizon.

This site was chosen because HWY OR-6 is currently significantly underserved by wireless coverage, even though there is a substantial amount of traffic every day. The lack of existing wireless facilities in the area contributes to lack of coverage. The newly proposed small cells will provide much needed coverage in areas that would be difficult to serve using conventional tower-based transmitters. These sites will not only help improve customer experience but also help public safety and emergency services by allowing communication in an otherwise cutoff area.

This site can meet the Tillamook County criteria for sitting of new wireless telecommunication facilities, including height, setbacks and design as demonstrated herein. As shown throughout this application, Verizon's proposal is the least intrusive means of meeting coverage objectives. The applicants respectfully request that Tillamook County approve the variance and facility as proposed.

III. PROPOSED PLAN

This is a variance request to reduce the required 30-foot property line setback to 4 ft. 7 inches to support the approved construction of the 35 ft. monopole tower to provide cellular service and coverage along the highway. The subject property is surrounded by Forest and highway traffic.

IV. APPLICABLE ORDINANCE AND COMPREHENSIVE PLAN PROVISIONS

- A. TCLUO Section 3.004 Forest (F) Zone
- B. TCLUO Article VIII Variance Procedures and Criteria Section 8.030 Review Criteria

V. <u>ANALYSIS</u>

- A. TCLUO Section 3.004 Forest (F) Zone
- (1) PURPOSE
- (a) The purpose of the Forest (F) Zone is to protect and maintain forest lands for grazing, and rangeland use and forest use, consistent with existing and future needs for agricultural and forest products. The F zone is also intended to allow other uses that are compatible with agricultural and forest activities, to protect scenic resources and fish and wildlife habitat, and to maintain and improve the quality of air, water and land resources of the county.
- (b) The F zone has been applied to lands designated as Forest in the Comprehensive Plan. The provisions of the F zone reflect the forest land policies of the Comprehensive Plan



as well as the requirements of ORS Chapter 215 and OAR 660-006. The minimum parcel size and other standards established by this zone are intended to promote commercial forest operations.

Applicant's response: The proposed WCF is located in the Forest (F) zone.

(2) DEFINITIONS

Words used in the present tense include the future; the singular number includes the plural; and the word "shall" is mandatory and not directory. Whenever the term "this ordinance" is used herewith, it shall be deemed to include all amendments thereto as may hereafter from time to time be adopted.

For the purpose of this zone, the following definitions apply:

(dd) UTILITY FACILITIES NECESSARY FOR PUBLIC SERVICE: Unless otherwise specified in this Article, any facility owned or operated by a public, private or cooperative company for the transmission, distribution or processing of its products or for the disposal of cooling water, waste or by-products, and including, major trunk, pipelines, dams & and other hydroelectric facilities, water towers, sewage lagoons, cell towers, electrical transmission facilities (except transmission towers over 200' in height) including substations not associated with a commercial power generating facilities and other similar facilities.

Applicant's response: The proposed WCF qualifies as a utility facility necessary for public service.

B. TCLUO Article VIII -- Variance Procedures and Criteria - Section 8.030 Review Criteria

SECTION 8.030: REVIEW CRITERIA

A VARIANCE shall be granted, according to the procedures set forth in Section 8.020, if the applicant adequately demonstrates that the proposed VARIANCE satisfies all of the following criteria:

(1) Circumstances attributable either to the dimensional, topographic, or hazardous characteristics of a legally existing lot, or to the placement of structures thereupon, would effectively preclude the enjoyment of a substantial property right enjoyed by the majority of landowners in the vicinity, if all applicable standards were to be met. Such circumstances may not be self-created.

Applicant's response:

The proposed site for the 35-foot monopole was selected after careful consideration of the topographic features of the land. The terrain along Highway 6 presents challenges, such as uneven land or areas with limited elevation, which restrict the ability to place a taller tower that would otherwise meet coverage objectives. The 35-foot monopole represents an optimal height for ensuring coverage without imposing significant visual impact on the landscape or surrounding properties. The site's dimensions and natural features make this tower the most feasible solution for expanding service in this area.

The placement of the tower 4 feet and 7 inches from the highway is a critical factor in ensuring that the structure will effectively meet the coverage requirements. The unique topography and layout of the land make this location optimal for extending the network's range, ensuring strong and reliable service along



the highway. The tower must be positioned at this exact distance from the highway to take advantage of natural line-of-sight coverage, minimizing potential interference and maximizing signal strength. Further, no hazardous areas or conditions, such as flood zones or unstable terrain, would affect the tower installation. The precise distance of 4 feet and 7 inches ensures that the tower is positioned in a safe location relative to the highway, ensuring the safety of both the infrastructure and the surrounding community.

(2) A VARIANCE is necessary to accommodate a use or accessory use on the parcel which can be reasonably expected to occur within the zone or vicinity.

Applicant's response:

A variance is necessary for the proposed 35-foot monopole tower to be positioned along Highway 6 to accommodate the wireless infrastructure needed to address the substantial coverage gap in the area. The variance will allow Verizon to place the monopole in a way that provides effective service coverage while complying with the unique topographic, dimensional, and zoning requirements of the parcel. Although the use of a telecommunications tower is generally reasonable and expected use within this zone or vicinity, the specific placement and dimensions required for the tower to function effectively call for a variance.

The installation of wireless telecommunications infrastructure, including monopole towers, is a reasonable and common use within this zone and vicinity, especially along major highways like Highway 6. The need for reliable mobile service—both for general users and for public safety communications—makes this infrastructure essential. However, due to the topography of the site and the need for the monopole to be positioned 4 feet and 7 inches from the highway to maximize signal effectiveness, the structure cannot conform to the standard 30 ft. setback requirements.

(3) The proposed VARIANCE will comply with the purposes of relevant development standards as enumerated in Section 4.005 and will preserve the right of adjoining property owners to use and enjoy their land for legal purposes.

Applicant's response:

The proposed variance for the 35-foot monopole tower along Highway 6 will comply with the purposes of the relevant development standards as outlined in Section 4.005 of the zoning code. These standards are designed to ensure that new development is compatible with surrounding land uses, protects the health, safety, and welfare of the community, and minimizes negative impacts on neighboring properties.

The monopole's placement and height have been carefully considered to avoid any disruption to adjacent properties. The surrounding land is primarily in a forest zone, where telecommunications infrastructure is expected and compatible with the area's broader land-use goals. The monopole is not near residential properties and the height and location of the tower ensure it does not block light, air, or views in a way that would impact neighboring landowners' enjoyment of their property.

By ensuring the monopole is placed in a location that does not infringe on neighboring landowners' rights to use their property (such as by taking up excessive space or obstructing existing structures), the variance will not preclude the adjacent properties from being used for their intended legal purposes. The



monopole's small footprint and limited visibility ensure that it will not interfere with the enjoyment of adjoining landowners' properties.

(4) There are no reasonable alternatives requiring either a lesser or no VARIANCE.

Applicant's response:

The unique topography of the parcel plays a significant role in determining the location of the monopole. Due to natural land features such as elevation changes, slopes, and the layout of surrounding roads and properties, the placement of the tower in any other location would fail to meet the service coverage requirements or would cause excessive interference with the surrounding environment.

The terrain along Highway 6 restricts where the monopole can be placed for optimal coverage. Moving the tower away from the highway would result in a substantial reduction in coverage, as the signal strength would decrease significantly without the proper line of sight. This precise location, 4 feet and 7 inches from the highway, ensures that the tower can provide the necessary coverage for both travelers and residents while minimizing interference from nearby structures or topographic obstacles.

Further, the monopole must be placed as close as possible to the highway to ensure adequate coverage along this vital transportation corridor. Moving the tower further away from the highway would result in signal degradation and failure to meet Verizon's coverage objectives. Without the variance, the monopole could not achieve the necessary height, coverage, or line of sight required to serve the area effectively.

The requested variance for the 35-foot monopole tower is necessary because there are no reasonable alternatives that would meet the service needs of the area without requiring either a lesser or no variance. The unique topography, zoning restrictions, and engineering requirements dictate that the tower must be positioned 4 feet and 7 inches from the highway to provide the optimal coverage along Highway 6. Relocating the tower or attempting to reduce the variance would result in inadequate service coverage, failure to meet Verizon's technical requirements, and potential disruption to surrounding properties. Therefore, the proposed variance is the only feasible option to ensure the tower serves its intended purpose while minimizing impacts to the surrounding community.

Verizon respectfully request the County approve the Variance to the 30-ft setback.

verizon

RECEIVED

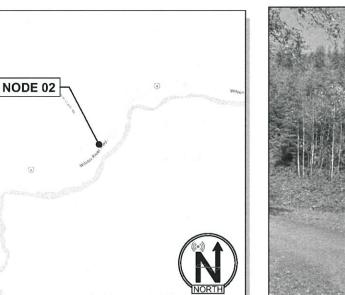
HWY 6

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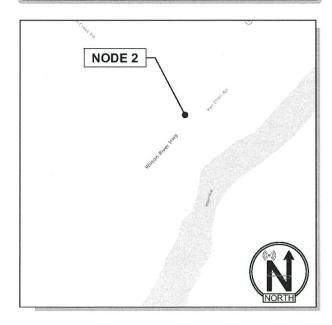
VICINITY MAP

MDG LC: 5000906497

TOWER PHOTO



LOCATION MAP



DRIVING DIRECTIONS

FROM VERIZON WIRELESS OFFICE - PORTLAND, OR:

HEAD SOUTHWEST ON NE 122ND AVE TOWARD NE WHITAKER WAY. TURN RIGHT ONTO NE FREMONT ST. USE THE RIGHT LANE TO TURN LEFT ONTO NE 102ND AVE. TURN RIGHT TO MERGE ONTO I-84 W/US-30 W TOWARD PORTLAND. MERGE ONTO I-84 W/US-30 W. USE THE LEFT 2 LANES TO MERGE ONTO I-5 S TOWARD SALEM. USE THE LEFT LANE TO TAKE THE I-405 EXIT TOWARD US-26/BEAVERTON. CONTINUE ONTO I-405 N. USE THE RIGHT 2 LANES TO TAKE EXIT 1D FOR U.S. 26 W TOWARD BEAVERTON. CONTINUE ONTO US-26 W. SLIGHT LEFT ONTO OR-6 W (SIGNS FOR BANKS/TILLAMOOK). FOLLOW FOR 42.2 MILES. DESTINATION WILL BE ON THE RIGHT BEFORE SMITH CREEK RD

CODE COMPLIANCE

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

OREGON STATE AND LOCAL BUILDING CODES WITH THE FOLLOWING REFERENCE CODE: 2021 IBC, STANDARDS AND AMENDMENTS - 2022 OSSC

2022 OREGON MECHANICAL SPECIALTY CODE (OMSC) 2021 IFC, STANDARDS AND AMENDMENTS - 2022 OFC 2021 UPC, STANDARDS AND AMENDMENTS - 2021 OPSC 2020 NEC, STANDARDS AND AMENDMENTS - 2021 OESC SITE NAME:

POR HWY 6 - 02

ADDRESS:

18098 WILSON RIVER HWY TILLAMOOK, OR 97141

COUNTY:

TILLAMOOK

JURISDICTION:

TILLAMOOK COUNTY

POLE TYPE:

NEW METAL POLE

POLE #:

NA

ANTENNA

LOCATION:

POLE MOUNTED

PROJECT CONTACT LIST

PROPERTY OWNER:

STIMSON LUMBER

UTILITY TOWER OWNER:

IMPLEMENTATION CONTACT:

CHRISTOPHER LEWIS
VERIZON WIRELESS (VAW) LLC (d/b/a VERIZON WIRELESS) 5430 NE 122ND AVENUE PORTLAND, OR 97230 PHONE: (951) 796-5523 christopher.lewis2@verizonwireless.com

REAL ESTATE:

SARAH BLANCHARD ACOM CONSULTING, INC 5200 SW MEADOWS RD, SUITE 150 LAKE OSWEGO, OR 97035 PHONE: (503) 310-5538 sarah.blanchard@acomconsultinginc.cor

ENGINEER OF RECORD:

WELLS L. HOLMES, S.E. VECTOR STRUCTURAL ENGINEERING 651 W GALENA PARK BLVD. SUITE 101 PHONE: (801) 990-1775

A&E CONSULTANT:

RICK MATTESON ACOM CONSULTING, INC 5200 SW MEADOWS RD SUITE 150 LAKE OSWEGO, OR 97035 PHONE: (425) 209-6723

ZONING / PERMITTING:

TESSIE MURAKAMI ACOM CONSULTING, INC 5200 SW MEADOWS RD, SUITE 150 LAKE OSWEGO, OR 97035 PHONE: (310) 483-5343 tessie.murakami@acomconsultinginc.com

ELECTRICAL ENGINEER:

DEAN P. LEVORSEN, P.E. VECTOR STRUCTURAL ENGINEERING 651 W GALENA PARK BLVD, SUITE 101 PHONE: (801) 990-1775

PROJECT INFORMATION

JURISDICTION:

TILLAMOOK COUNTY

F - FOREST

R-6

UTILITY

TELECON.

ZONING CLASSIFICATION: ADJACENT ZONE: CONSTRUCTION TYPE: PROPOSED BUILDING USE:

PROPOSED STRUCTURE HEIGHT: 35.0' (TOP OF NEW POLE)

LATITUDE:

45.493686° N 45° 29' 37.27" N -123.679861° W LONGITUDE 123° 40' 47.50" W GROUND ELEVATION: +158.3 AMSI

SCOPE OF WORK

DRAWING INDEX

COVER SHEET

GENERAL NOTES AND SYMBOLS AERIAL IMAGE / SITE LOCATION ANTENNA & EQUIPMENT PLANS EXISTING AND PROPOSED ELEVATIONS

CONSTRUCTION DETAILS

CONSTRUCTION DETAILS

ANTENNA CONFIGURATION

TOWER SPECIFICATION SHEET (1 OF 4) TOWER SPECIFICATION SHEET (2 OF 4)

TOWER SPECIFICATION SHEET (3 OF 4)

TOWER SPECIFICATION SHEET (4 OF 4)

TYPICAL ONE-LINE DIAGRAM AND PANEL SCHEDULE

VERIZON WIRELESS PROPOSES TO:

- PROPOSES TO INSTALL WIRELESS EQUIPMENT IN FENCED COMPOUND LOCATED OUTSIDE R-O-W
- PROPOSES TO INSTALL (3) NEW ANTENNAS & (1) NEW MOUNT ON NEW POLE
- PROPOSES TO INSTALL (1) NEW SMALL CELL CABINET ON CONCRETE PAD
- PROPOSES TO INSTALL (1) NEW HYBRID AND APPROVED CABLE STRAP MOUNTED ON NEW

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF ACOM CONSULTING.



02/11/2025 VSE Project Number: U2350-1278-251

NO.	DATE	DRAWN	REVISION	
Α	05/23/23	КМ	90% PCD REVIEW	
В	08/03/23	КМ	SURVEY UPDATE	
С	01/27/25	КМ	CLIENT COMMENTS	







HWY 6

SMALL CELL NODE 02 18098 WILSON RIVER HWY

TILLAMOOK, OR 97141

COVER SHEET

GENERAL NOTES

- WORK SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, AND REGULATIONS. ALL NECESSARY LICENSES, CERTIFICATES, ETC., REQUIRED BY AUTHORITY HAVING JURISDICTION SHALL BE PROCURED AND PAID FOR BY THE CONTRACTOR.
- ACOM HAS NOT CONDUCTED, NOR DOES IT INTEND TO CONDUCT ANY INVESTIGATION AS TO THE PRESENCE OF HAZARDOUS MATERIAL, INCLUDING, BUT NOT LIMITED TO, ASBESTOS WITHIN THE CONFINES OF THIS PROJECT, ACOM DOES NOT ACCEPT RESPONSIBILITY FOR THE INDEMNIFICATION, THE REMOVAL, OR ANY EFFECTS FROM THE PRESENCE OF THESE MATERIALS, IF EVIDENCE OF HAZARDOUS MATERIALS IS FOUND, WORK IS TO BE SUSPENDED AND THE OWNER NOTIFIED, THE CONTRACTOR IS NOT TO PROCEED WITH FURTHER WORK UNTIL INSTRUCTED BY THE OWNER IN WRITING.
- ALL MATERIAL FURNISHED UNDER THIS CONTRACT SHALL BE PROPOSED, UNLESS OTHERWISE NOTED. ALL WORK SHALL BE GUARANTEED AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP, THE CONTRACTOR SHALL REPAIR OR REPLACE AT HIS EXPENSE ALL WORK THAT MAY DEVELOP DEFECTS IN MATERIALS OR WORKMANSHIP WITHIN SAID PERIOD OF TIME OR FOR ONE YEAR AFTER THE FINAL ACCEPTANCE OF THE ENTIRE PROJECT,
- THE GENERAL CONTRACTOR AND EACH SUBCONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS AND UTILITIES AT THE JOB SITE BEFORE WORK IS STARTED, NO CLAIMS FOR EXTRA COMPENSATION FOR WORK WHICH COULD HAVE BEEN FORESEEN BY AN INSPECTION, WHETHER SHOWN ON THE CONTRACT DOCUMENTS OR NOT, WILL BE ACCEPTED OR PAID.
- 5. THE GENERAL CONTRACTOR AND EACH SUBCONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING DIMENSIONS AND CONDITIONS AT THE JOB SITE WHICH COULD AFFECT THE WORK UNDER THIS CONTRACT, ALL MANUFACTURERS RECOMMENDED SPECIFICATIONS, EXCEPT THOSE SPECIFICATIONS HEREIN, WHERE MOST STRINGENT SHALL BE COMPLIED
- THE CONTRACTOR SHALL VERIFY AND COORDINATE SIZE AND LOCATION OF ALL OPENINGS FOR STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, CIVIL, OR ARCHITECTURAL WORK.
- THE CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST BETWEEN THE LOCATIONS OF ANY AND ALL MECHANICAL, ELECTRICAL, PLUMBING, OR STRUCTURAL ELEMENTS, AND THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE ARE MET. NOTIFY THE CONSULTANT OF ANY CONFLICTS. THE CONSULTANT HAS THE RIGHT TO MAKE MINOR MODIFICATIONS IN THE DESIGN OF THE CONTRACT WITHOUT THE CONTRACTOR GETTING ADDITIONAL COMPENSATION.
- DO NOT SCALE THE DRAWINGS, DIMENSIONS ARE EITHER TO THE FACE OF FINISHED ELEMENTS OR TO THE CENTER LINE OF ELEMENTS, UNLESS NOTED OTHERWISE. CRITICAL DIMENSIONS SHALL BE VERIFIED AND NOTIFY THE CONSULTANT OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEAN UP OF ALL TRADES AND REMOVE ALL DEBRIS FROM THE CONSTRUCTION SITE, AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE BUILDING, SITE, AND ANY OTHER SURROUNDING AREAS TO A BETTER THAN EXISTING CONDITION
- THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, ETC. ACCORDING TO APPLICABLE CODES, STANDARDS, AND GOOD CONSTRUCTION PRACTICES.
- THE CONTRACTOR SHALL MEET ALL OSHA REQUIREMENTS FOR ALL INSTALLATIONS.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO THE EXISTING CONSTRUCTION AND REPAIR ALL DAMAGES TO BETTER THAN PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY AVISTA OF ANY DAMAGE TO THE SITE OR ANY ADJACENT STRUCTURES AROUND THE PROJECT. THE CONSULTANT SHALL BE SOLE AND FINAL JUDGE AS TO THE QUALITY OF THE REPAIRED CONSTRUCTION. ANY ADDITIONAL MODIFICATIONS WHICH MUST BE MADE SHALL BE MADE AT THE CONTRACTOR'S EXPENSE.
- 13. WHERE ONE DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS, EVEN THOUGH NOT SPECIFICALLY MARKED ON THE DRAWINGS OR REFERRED TO IN THE SPECIFICATIONS, UNITES NOTED OTHERWISE
- 14. WHERE PROPOSED PAVING, CONCRETE SIDEWALKS OR PATHS MEET EXISTING CONSTRUCTION, THE CONTRACTOR SHALL MATCH THE EXISTING PITCH, GRADE, AND ELEVATION SO THE ENTIRE STRUCTURE SHALL HAVE A SMOOTH TRANSITION.
- 15. THE CONTRACTOR SHALL MODIFY THE EXISTING STRUCTURE AS REQUIRED, WHERE THE EXISTING STRUCTURE MUST BE MODIFIED, GENERAL CONTRACTOR SHALL REPAIR TO ORIGINAL CONDITION. ALL WORK SHALL BE COVERED UNDER THE GENERAL CONTRACT.

- 16. VERIFY ALL EXISTING DIMENSIONS PRIOR TO PERFORMING WORK.
- 17. VERIFY LOCATION OF ALL BURIED UTILITIES PRIOR TO ANY EXCAVATION.
- 18. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR COMMERCIAL POWER IMMEDIATELY UPON AWARD OF CONTRACT. THE GENERAL CONTRACTOR IS REQUIRED TO KEEP ALL DOCUMENTATION RECEIVED FROM THE POWER COMPANY, ACKNOWLEDGING APPLICATION FOR POWER, WRITTEN AND VERBAL DISCUSSIONS WITH THE
- 19. THE GENERAL CONTRACTOR SHALL OBTAIN WRITTEN CONFIRMATION OF THE EXPECTED DATE OF COMPLETION OF THE POWER CONNECTION FROM THE POWER COMPANY.
- 20. IF THE POWER COMPANY IS UNABLE TO PROVIDE THE POWER CONNECTION BY OWNER'S REQUIRED DATE, THE GENERAL CONTRACTOR SHALL PROVIDE AND MAINTAIN A TEMPORARY GENERATOR UNTIL THE POWER COMPANY CONNECTION IS COMPLETED. COSTS ASSOCIATED WITH THE TEMPORARY GENERATOR TO BE APPROVED BY THE OWNER.
- 21. IF THE GENERAL CONTRACTOR FAILS TO TAKE NECESSARY MEASURES AS DESCRIBED IN NOTES 19, 20 AND 21 ABOVE, THE GENERAL CONTRACTOR SHALL PROVIDE A TEMPORARY GENERATOR AT NO COST TO THE OWNER.
- 22. PLANS PART OF THIS SET ARE COMPLEMENTARY. INFORMATION IS NOT LIMITED TO ONE PLAN. DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT, WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THEY ARE NOT TO BE USED BY THE OWNER ON OTHER PROJECTS OR EXTENSION TO THIS PROJECT EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ARCHITECT. THESE PLANS WERE PREPARED TO BE SUBMITTED TO GOVERNMENTAL BUILDING AUTHORITIES FOR REVIEW FOR COMPLIANCE WITH APPLICABLE CODES AND IT IS THE SOLE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR TO BUILD ACCORDING TO APPLICABLE BUILDING CODES.
- 23. IF CONTRACTOR OR SUB-CONTRACTOR FIND IT NECESSARY TO DEVIATE FROM ORIGINAL APPROVED PLANS, THEN IT IS THE CONTRACTOR'S AND THE SUB-CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE ARCHITECT WITH 4 COPIES OF THE PROPOSED CHANGES FOR HIS APPROVAL BEFORE PROCEEDING WITH THE WORK. IN ADDITION THE CONTRACTOR AND SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROCURING ALL NECESSARY APPROVALS FROM THE BUILDING AUTHORITIES FOR THE PROPOSED CHANGES BEFORE PROCEEDING WITH THE WORK, THE CONTRACTOR AND SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROCURING ALL NECESSARY INSPECTIONS AND APPROVALS FROM BUILDING AUTHORITIES DURING THE EXECUTION OF THE WORK.
- 24. IN EVERY EVENT, THESE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS SHALL BE INTERPRETED TO BE A MINIMUM ACCEPTABLE MEANS OF CONSTRUCTION BUT THIS SHALL NOT RELIEVE THE CONTRACTOR, SUB-CONTRACTOR, AND/OR SUPPLIER/MANUFACTURER FROM PROVIDING A COMPLETE AND CORRECT JOB WHEN ADDITIONAL ITEMS ARE REQUIRED TO THE MINIMUM SPECIFICATION. IF ANY ITEMS NEED TO EXCEED THESE MINIMUM SPECIFICATIONS TO PROVIDE A COMPLETE, ADEQUATE AND SAFE WORKING CONDITION, THEN IT SHALL BE THE DEEMED AND UNDERSTOOD TO BE INCLUDED IN THE DRAWINGS. FOR EXAMPLE, IF AN ITEM AND/OR PIECE OF EQUIPMENT REQUIRES A LARGER WIRE SIZE (I.E. ELECTRICAL WIRE), STRONGER OR LARGER PIPING, INCREASED QUANTITY (I.E. STRUCTURAL ELEMENTS), REDUCED SPACING, AND/OR INCREASED LENGTH (I.E. BOLT LENGTHS, BAR LENGTHS) THEN IT SHALL BE DEEMED AND UNDERSTOOD TO BE INCLUDED IN THE BID/PROPOSAL, THESE DOCUMENTS ARE MEANT AS A GUIDE AND ALL ITEMS REASONABLY INFERRED SHALL BE DEEMED TO BE INCLUDED.
- 25. THESE CONTRACT DOCUMENTS AND SPECIFICATIONS SHALL NOT BE CONSTRUED TO CREATE A CONTRACTUAL RELATIONSHIP OF ANY KIND BETWEEN THE ARCHITECT AND THE

LEGEND

ALL THREADED STRUCTURAL FASTENERS FOR ANTENNA SUPPORT ASSEMBLES SHALL CONFORM TO ASTM A307 OR ASTM A36, ALL STRUCTURAL FASTENERS FOR STRUCTURAL STEEL FRAMING SHALL CONFORM TO ASTM A325. FASTENERS SHALL BE 5/8" MIN. DIA. BEARING TYPE CONNECTIONS WITH THREADS EXCLUDED FROM THE PLANE. ALL EXPOSED FASTENERS, NUTS,

LINE/ANTENNA NOTES

AND WASHERS SHALL BE GALVANIZED OTHERWISE NOTED. CONCRETE EXPANSION ANCHORS

SHALL BE HILTI KWIK BOLTS UNLESS OTHERWISE NOTED. ALL ANCHORS INTO CONCRETE SHALL

2. NORTH ARROW SHOWN ON PLANS REFERS TO TRUE NORTH, CONTRACTOR SHALL VERIFY MAGNETIC NORTH AND NOTIFY CONSULTANT OF ANY DISCREPANCY BEFORE STARTING

BE STAINLESS STEEL

- PROVIDE LOCK WASHERS FOR ALL MECHANICAL CONNECTIONS FOR GROUND CONDUCTORS. USE STAINLESS STEEL HARDWARE THROUGHOUT.
- THOROUGHLY REMOVE ALL PAINT AND CLEAN ALL DIRT FROM SURFACES REQUIRING GROUND
- MAKE ALL GROUND CONNECTIONS AS SHORT AND DIRECT AS POSSIBLE. AVOID SHARP BENDS. LL BENDS TO BE A MIN. OF 8" RADIUS
- FOR GROUNDING TO GROUND BARS USE A TWO-BOLT HOLE NEMA DRILLED CONNECTOR SUCH AS T&B 32007 OR APPROVED EQUAL

PROJECT INFORMATION

THIS IS AN UNMANNED FACILITY AND RESTRICTED ACCESS EQUIPMENT AND WILL BE USED FOR THE TRANSMISSION OF RADIO SIGNALS FOR THE PURPOSE OF PROVIDING PUBLIC CELLULAR SERVICE.

VERIZON WIRELESS CERTIFIES THAT THIS TELEPHONE EQUIPMENT FACILITY WILL BE SERVICED ONLY

BY VERIZON WIRELESS EMPLOYEE SERVICE PERSONNEL FOR REPAIR PURPOSES ONLY. THIS FACILITY

S UNOCCUPIED AND NOT DESIGNED FOR HUMAN OCCUPANCY THUS IT IS NOT OPEN TO THE PUBLIC.

VERIZON WIRELESS MAINTENANCE CREW (TYPICALLY ONE PERSON) WILL MAKE AN AVERAGE OF ONE

3. THIS FACILITY WILL CONSUME NO UNRECOVERABLE ENERGY.

5. NO WASTE WATER WILL BE GENERATED AT THIS LOCATION.

TRIP PER MONTH AT ONE HOUR PER VISIT.

NO SOLID WASTE WILL BE GENERATED AT THIS LOCATION.

4. NO POTABLE WATER SUPPLY IS TO BE PROVIDED AT THIS LOCATION.

- FOR ALL EXTERNAL GROUND CONNECTIONS, CLAMPS AND CADWELDS, APPLY A LIBERAL PROTECTIVE COATING OR AN ANTI-OXIDE COMPOUND.
- REPAIR ALL GALVANIZED SURFACES THAT HAVE BEEN DAMAGED BY THERMO-WELDING. USE FRICO T-319 GAI VANIZING BAR/COLD GALVANIZING PAINT.

EXPIRES: 6/30/2025 02/11/2025

VSE Project Number: U2350-1278-251

	NO.	DATE	DRAWN	REVISION
	A	05/23/23	км	90% PCD REVIEW
I	В	08/03/23	км	SURVEY UPDATE
ļ	С	01/27/25	ЮМ	CLIENT COMMENTS
	D	02/11/25	КМ	CLIENT COMMENTS
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IMPORTANT NOTICE

ABBREVIATIONS:

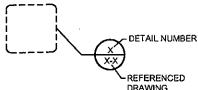
REFERENCE:

EXISTING

PROPOSED

BUILDING/WALL/DETAIL SECTION:

DETAIL NUMBER SHEET NUMBER WHERE DETAILED LARGE SCALE DETAIL:



ELEVATION REFERENCE:

DETAIL NUMBER REFERENCED DRAWING

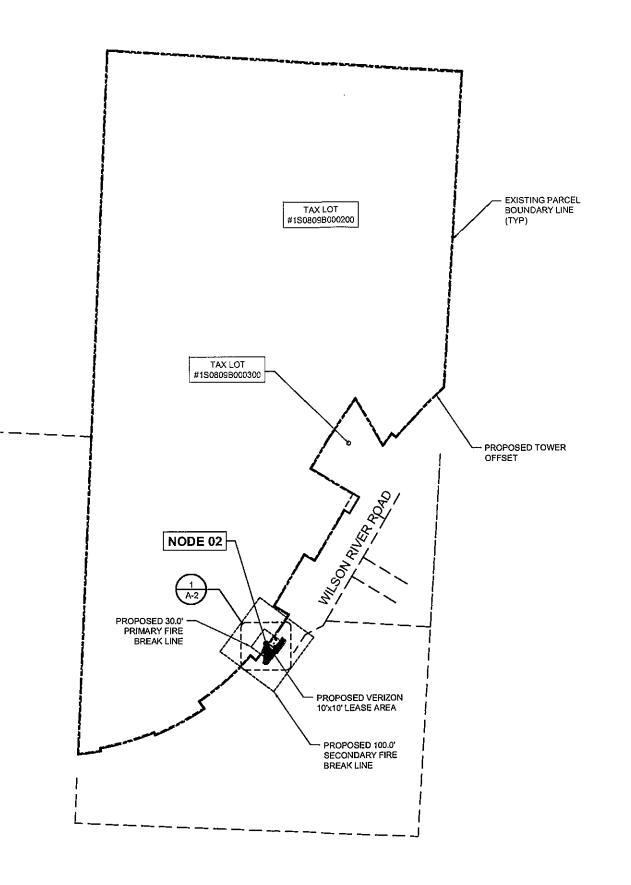
DETAIL NUMBER REFERENCED

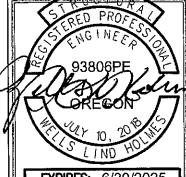
THE EXISTING CONDITIONS REPRESENTED HEREIN ARE BASED ON VISUAL OBSERVATIONS AND INFORMATION PROVIDED BY OTHERS. ACOM CONSULTING CANNOT GUARANTEE THE CORRECTNESS NOR COMPLETENESS OF THE EXISTING CONDITIONS SHOWN AND ASSUMES NO RESPONSIBILITY THEREOF. CONTRACTOR AND HIS SUB-CONTRACTORS SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AS REQUIRED FOR PROPER EXECUTION OF PROJECT, REPORT ANY CONFLICTS OR DISCREPANCIES TO THE CONSULTANT PRIOR TO CONSTRUCTION.

HWY 6 SMALL CELL NODE 02

> 18098 WILSON RIVER HWY TILLAMOOK, OR 97141

GENERAL NOTES AND SYMBOLS





EXPIRES: 6/30/2025

02/11/2025 VSE Project Number: U2350-1278-251

֡	NO.	DATE	DRAWN	REVISION	1
	Α	05/23/23	км	90% PCD REVIEW	
	В	08/03/23	KM	SURVEY UPDATÉ	
	c	01/27/25	км	CLIENT COMMENTS	
	D	02/11/25	KM	CLIENT COMMENTS	-
		-			
	-		1		•

verizon^v





HWY 6 SMALL CELL NODE 02

18098 WILSON RIVER HWY TILLAMOOK, OR 97141

OVERALL SITE PLAN

A-1.0



	l	POLE MOUNTED EQUI	PMENT	SCHEE	ULE					
CATEGORY	MANUFACTURER	MODEL NUMBER	UNIT HEIGHT/	UNIT	UNIT DEPTH	UNIT WEIGHT	MOUNT HEIGHT		PROPOSED	
			LENGTH	WIDTH	DECTO	TEXTI	(CENTER)	QUANTITY	WEIGHT	
MOUNT	SITEPRO1	CWT01	-	-	-	116,50 LBS	33'-0"	3	349.5 LBS	
MOUNT	SITEPRO1	UGLM		-		87.58 LBS	33'-0"	1	87.58 LBS	
ANTENNA	COMMSCOPE NHH-45A-R28		48.0"	18,0"	7.0*	63.1 LBS	33'-0"	2	66.0 LBS	
RRU	ERICSSON	8843	18.0"	13,2*	11.3"	75.0 LBS	33'-0"	1	75.0 LBS	
RRU	ERICSSON	4449	18.0"	13.2*	9.5*	71.0 LBS	33'-0"	1	71.0 LBS	

SECTOR	QTY	AZIMUTH	TECH.	TIP HEIGHT	MF'R	MODEL#	ANTENNA SIZE	MECH. TILT	FEEDER CABLE	CABLE LGTH.
D1	1	60°	4G	35'-0"	COMMSCOPE	NHH-45A-R2B	48.0"	0° (2° ELEC)	FIBER	TBD
D2	1	230°	4G	35'-0"	соммасоре	NHH-45A-R2B	48.0"	0° (2° ELEC)	FIBER	TBD
-										



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	NO.	DATE	DRAWN	REVISION	
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	В	06/03/23	км	SURVEY UPDATE	
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VSE Project Number: U2350-1278-251

verizon/





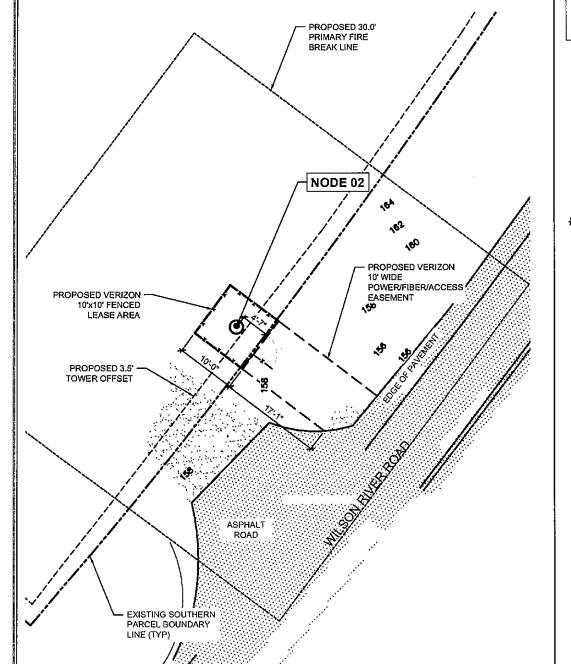
HWY 6 **SMALL CELL NODE 02**

> 18098 WILSON RIVER HWY TILLAMOOK, OR 97141

ANTENNA & **EQUIPMENT PLANS**

A-2.0

ANTENNA SCHEDULE 2 NOTE: ANTENNA/ANCILLARY EQUIPMENT MOUNT DESIGN/ANALYSIS TO SE PERFORMED BY OTHERS



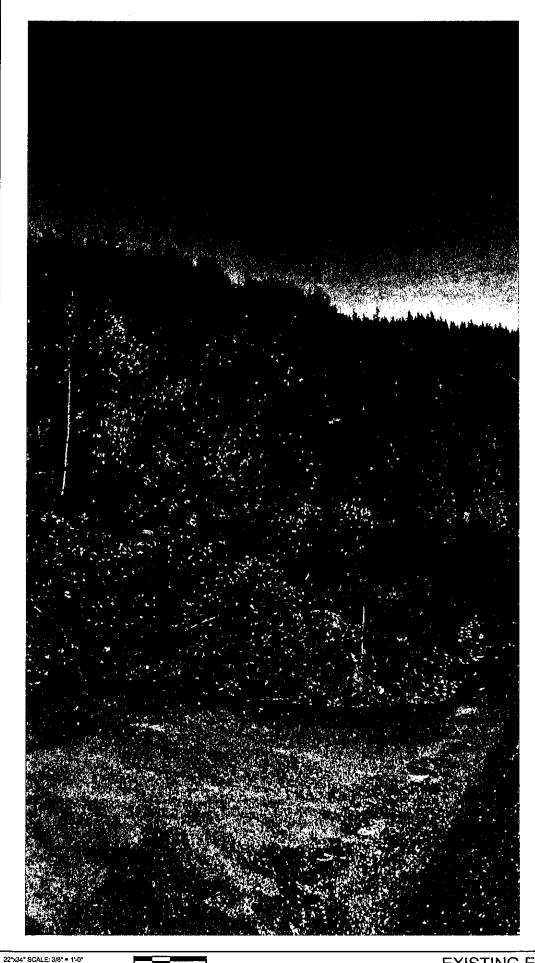
PROPOSED VZW
DISCONNECT W/ RF
WARNING SIGNAGE

5
A-5.0 3 A-5.0 PROPOSED 4G VZW ANTENNA -(1 PER SECTOR, 2 TOTAL) - PROPOSED METER BASE ON SIDE OF CABINET (PER UTILITY CO REQUIREMENTS) PROPOSED VZW A-4.0 ANTENNA MOUNT PROPOSED VZW
EQUIPMENT CABINET
ON 36" x 36" CONC
SLAB - PROPOSED VZW HYBRID CABLE ROUTED UNDERGROUND IN 4" CONDUIT AND OUTDOOR MONOPOLE TO OVP @ ANTENNA LOCATION - PROPOSED VZW RRUS (TYP OF 2) PROPOSED VZW 35' MONOPOLE **ANTENNA** - PROPOSED VERIZON WIRELESS 6'-0" HIGH SECURITY FENCE W/ 3 STRANDS BARBED WIRE (W/ 4' WIDE SWING GATE) **EQUIPMENT**

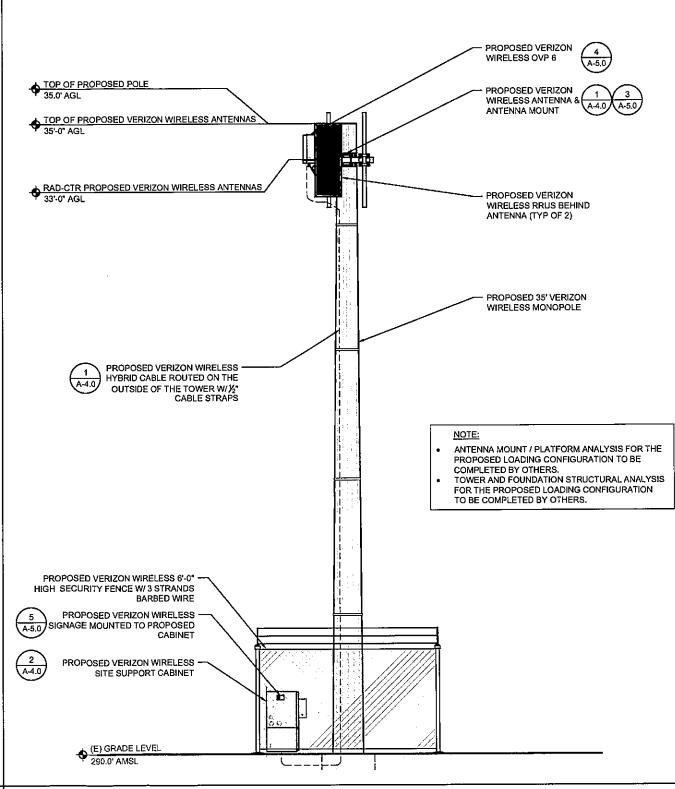
8' 6' 4' 2' 0° 22"x34" SCALE: 1/8" = 1'-0" ENLARGED PLAN 11"x17" SCALE: 1/16" = 1'-0"

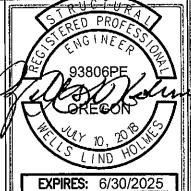
22"x34" SCALE: NOT TO SCALE 11"x17" SCALE: NOT TO SCALE

PROPOSED ANTENNA / EQUIPMENT PLAN



11°x17" SCALE: 3/16" = 1'-0"





02/11/2025

VSE Project Number: U2350-1278-251

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	^	05/23/23	км	90% PCD REVIEW	
	В	08/03/23	КМ	SURVEY UPDATE	

C 01/27/25 KIM CLIENT COMMENTS CLIENT COMMENTS

verizon/





HWY 6 SMALL CELL NODE 02

18098 WILSON RIVER HWY TILLAMOOK, OR 97141

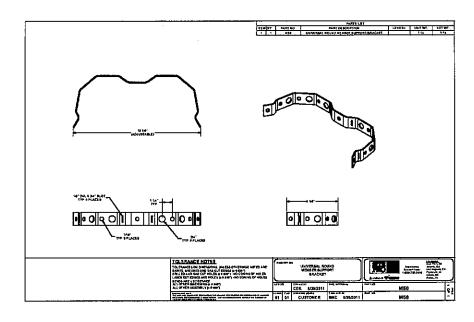
EXISTING & PROPOSED ELEVATIONS

A-3.0

EXISTING ELEVATION

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

PROPOSED ELEVATION | 2

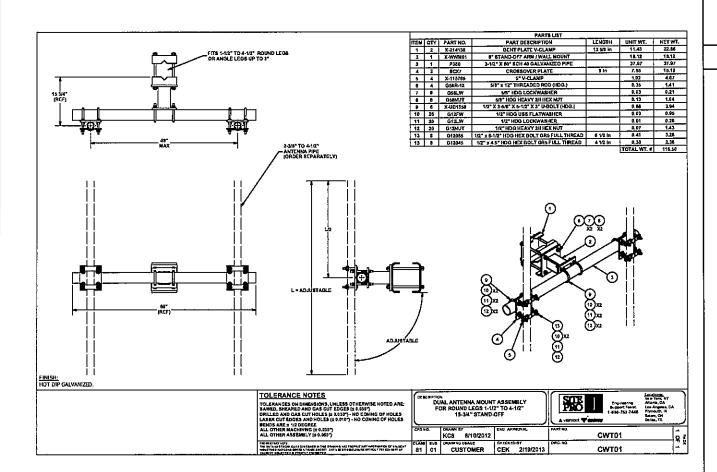


NOTE:

- ATTACH TO MONOPOLE WITH 1/2" BANDING PER MANUFACTURER'S RECOMMENDATIONS
- PROVIDE SNAP-IN HANGERS TO SUPPORT THE HYBRID CABLE(S)

22"x34" SCALE: NOT TO SCALE 11"x17" SCALE: NOT TO SCALE

TOWER - HYBRID SUPPORT BRACKET



Charles Universal Broadband Enclosures (CUBE) RL212 Series Remote Radio Head / Power Support Cabinets

The CUBE-RL212 Series cabinot provides environmental protection for a wide variety of telecom applications, including wireless, fleet transport for cell site backhaul, and other remote outdoor applications where 48 VDC is required. The most common applications for these cabinets are to house power and battery backup for remote radio heads. Commercial AD power is converted to 48 VDC using a third-party recitier (supports most major manufacturers). The separate battery transber is designed for up to 100Ah Ni-Cd or VRLA batteries.

... 39"H x 26"W x 20"D
... 24"H x 26"W x 20"D
... 24"H x 26"W x 20"D
... 12"RU/ 19" EIA Standard
... Padlockable, 216-Style Lock
... 8 Position Load Center
... 15"H x 26"W x 20"D
... Supports 1 String 48V (or two 24V) 100Ah Ni-Cd or VPLA
... 8 Position, 2-Hole Ground Bar
... (3) 1,75"/2.5" Knockouts or Right-Hand Side,
(1) 1,75"/2.5" and (2) 1,375" Knockouts on Betton
... 24VDC/48VDC 580 or 750 Wath Heat Exchangers
... 118" Webded Aluminum, Off-White Finish
... Watl or H-Trame, Pole Mount Kit opponal (97-CABPMTKIT),
... 10" Plinth optional (97-002176-A) Thermal Management. Construction....

		1				_				
Charles Parl #	Slandard Mounting	Overalli Dimensions (In.)	RU	Equipment Chamber Dimensions (in.)	Battery Chamber Dimensions (In.)	Load Center	Thermal	Integrated Power	Weight Empty (Ibs.)	Weight w/NI-Cd Battery
CUBE-RL21221AB1	Wall/H-France	39x26x20	12	24x26x20	15x26x20	8 Position	580W 48VDC HX	GE SPS 48V (3) 20A Recillion	170	372
CUBE-RL21221AE2	Well/H-Frame	39×26×20	12	24x26x20	15x26x20	6 Pos & Gen	500W 48VDC HX	GE SPS 48V (2) 20A Reclifiero	170	372
CUBE-RL2 122 1AH1	WalVH-Frame	39x26x20	12	24x26x20	15x26x20	6 Position	560W 48VOC HX	Eltek 46V (2) 40A Rectiflers	165	367
UBE-RL21221AH3	Wall/H-Frame	39×26×20	12	24x26x20	15x26x20	8 Position	580W 24VDC HX	Eltak 24V (2) 60A Rectifiers	165	367
UBE-RL21221AH4	Wal/H-Frame	39x26x20	12	24x26x20	15x26x20	6 Position	580W 46VDC HX	Ettek 48V (1) 40A Rectifier	185	367
CUBE-RL21221AH5	Wal/H-Frame	39x28x20	12	24x26x20	15x26x20	6 Position	580W 48VDC HX	None	150	352
UBE-RL21221AH7	Wel/H-Frame	39x26x20	12	24×26×20	15x26x20	8 Position	580W 24VDC HX	Eltok 24V (2) 40A Rectifions	165	357
UBE-RL21221AH8	WaltH-Frame	39x28x20	12	24x28x20	15x26x20	6 Position	580W 48VDC HX	GE Infinity D 48V, No Reciliera	180	305
CUBE-RL21221DB1	WalkH-Frame	39x26x20	12	24x26x20	15x25x20	6 Position	750W 48VDC HX	None	150	352
CUBE-RI,21221DB2	Wall/H-Frame	39x26x20	12	24x26x20	15x28x20	8 Position	750W 46VDC HX	GE Intinity D 48V, (2) 50A Rectiflers	165	367
UBE-RL21221DL1	Wall/H-Frame	39x26x20	12	24×26×20	15:25:20	6 Pos & Gen	750W 46VDC HX	None	150	385
CUBE-RL21221DL2	Wall/H-Frame	39×26×20	12	24x26x20	15x26x20	6 Pos & Gon	750W 46VDC HX	GE infinity D 48V	160	385

For additional product information, please visit www.charlesindustries.com

INNOVATIVE ENCLOSED SOLUTIONS

OG-OSP030-K18

EQUIPMENT CABINET SPECIFICATIONS 3

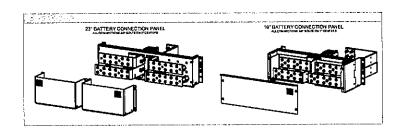
Ordering Information - Infinity D Power System

Dual Voltage, Modular Power System

Infinity-D may be configured as a +24V or +49V single voltage power Infinity-D systems may be equipped in 19°, 23° or 28° wide 7ft system or as a "dual voltage" power system that supports rectifiers and converters. The primary voltage is supported by +24V or +49V suppled frameless for field install applications including rectifiers and battery reserve, while secondary voltage is supported by DC/DC converters. The primary voltage capacity is 1,800A at both 24V and 48V. Secondary voltage capacity is 1,800A at both 24V and 48V. Secondary voltage capacity is up to 300A per system

Features

- Infinity Rectifiers for +24V and -48V applications.
- · Modular architecture for easy growth and low cost
- DC/DC converter support for dual voltage systems
- . DC distribution in each system module for efficient scalability • Temperature hardened harsh environments. (-40°C to +75°C)
- Compact size: 6" (203mm) high, 16.9" (429mm) deep.
- Adjustable frame mounting for 19*, 23* and 26* applications · Battery panel for battery connection and LVBD option.
- Plug-N-Play Pulsar Plus controller with Web based interface for local and remote (CO-LAN) access.
- Distribution options include 3A-400A bullet style circuit breakers and



Output	Ordering Code	Model	Framo	Picturo
<i>,</i> ,		45V, 200A Infinity D System, to 45V System Madule with integral battoy correction. To be exten peak are and LVBD, 23 width, no harme. Egy piped with Pulaar Plus system can die with Ethernet communications. Suitable for frame or administration (not mouded).	Na Framo	
200A	CC109151107	H2007001 G003, G021D, G223	System widin 23	
	CC109150100	H2007301 G053, G021F, G223	System width 19".	



EXPIRES: 6/30/2025

02/11/2025 VSE Project Number: U2350-1278-251

NO.	DATE	DRAWN	REVISION
A	05/23/23	КМ	90% PCD REVIEW
В	08/03/23	км	SURVEY UPDATE
С	01/27/25	км	CLIENT COMMENTS
D	02/11/25	км	CLIENT COMMENTS





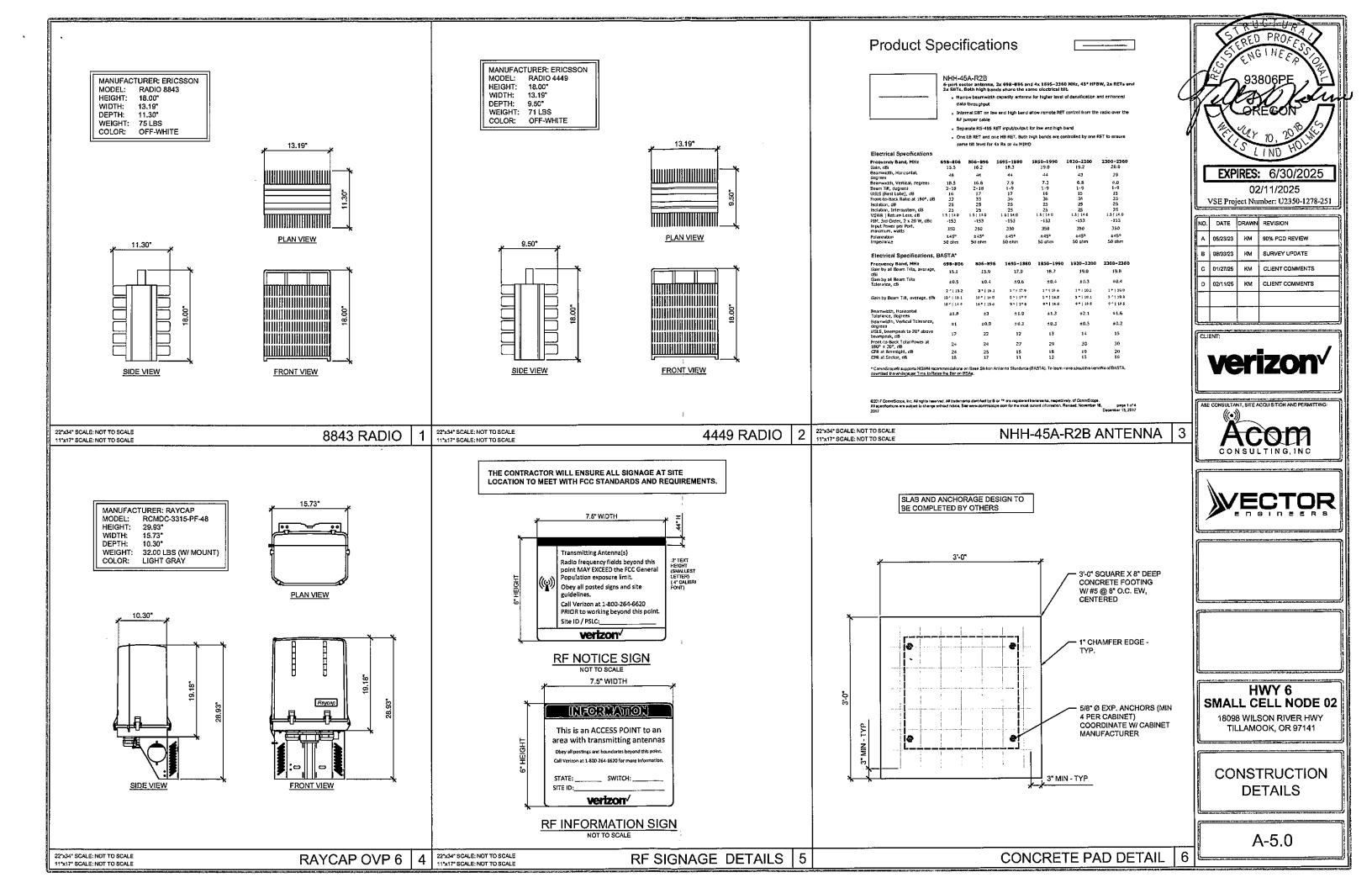
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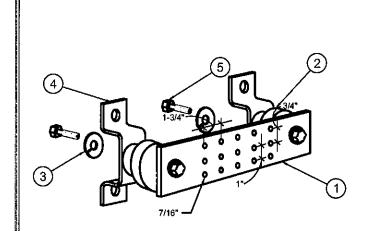
HWY 6 **SMALL CELL NODE 02**

18098 WILSON RIVER HWY TILLAMOOK, OR 97141

CONSTRUCTION **DETAILS**

A-4.0



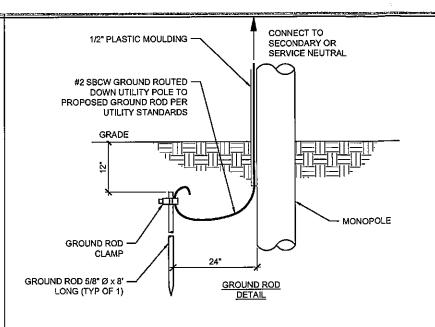


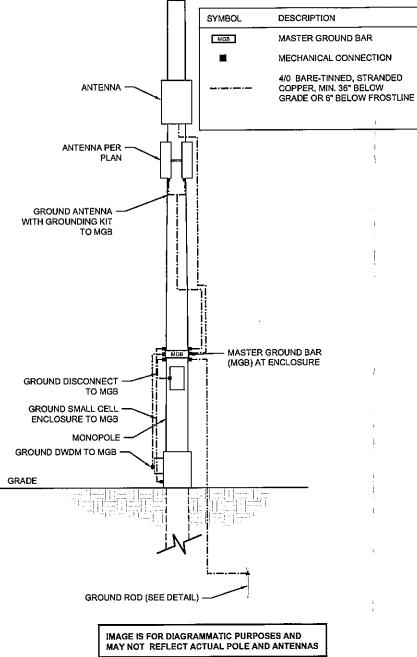
- GALVANIZED STEEL GROUND BUSBAR, 1/4" X 4" X 6".
- INSULATORS, MEET REQUIREMENTS OF UL 94 VO FOR SELF-EXTINGUISHING MATERIALS.
- 3/8" LOCKWASHERS.
- MOUNTING BRACKET.
 3/8-11 X 1" HHCS BOLTS.

22"x34" SCALE: NOT TO SCALE 11"x17" SCALE: NOT TO SCALE

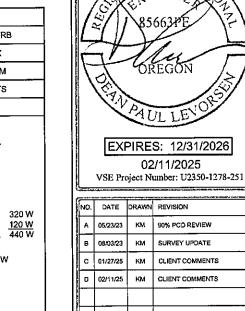
GROUND BAR DETAIL

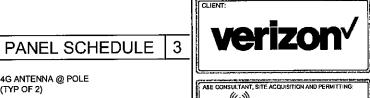
- 1. GROUNDING SHALL COMPLY WITH THE APPLICABLE EDITION OF THE NATIONAL ELECTRICAL CODE AS RECOGNIZED BY THE
- 2. ALL GROUNDING METHODS SHALL CONFORM TO THE CURRENT VERIZON STANDARDS.
- 3. MASTER GROUND BARS (MGB) SHALL BE GALVANIZED STEEL, 4" x 6"
- 4. MINIMUM BENDING RADIUS FOR GROUND CONDUCTOR IS 8", WHEN BENDING IS NECESSARY. GROUND CONDUCTORS ARE TO BE AS STRAIGHT AS POSSIBLE.
- 5. NO SPLICES PERMITTED IN GROUND CONDUCTORS.
- 6. ALL GROUNDING CONNECTORS TO BE CLEAN AND FREE OF PAINT AT THEIR MATING SURFACES AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. USE PENETROX OR EQUIVALENT ANTIOXIDANT GREASE.
- 7. ALL GROUND BAR CONNECTIONS ARE TO BE 2 HOLE LUG COMPRESSION TYPE. STACKED CONNECTIONS ARE NOT ACCEPTABLE. BACK TO BACK CONNECTIONS ON OPPOSITE SIDES
- ENSURE ALL MECHANICAL CONNECTORS ARE TORQUED TO THE MANUFACTURER'S SPECIFIED VALUES.
- 9. IF EXISTING GROUND ROD IS NOT PRESENT, NEW GROUND ROD SHALL MEET AVISTA STANDARDS.
- 10. MULTIPLE BONDS ON GROUND RODS TO BE SEPARATED BY AT LEAST 6".
- 11. MAXIMUM RESISTANCE OF THE COMPLETED GROUND SYSTEM SHALL NOT EXCEED A RESISTANCE OF 5 OHMS TO EARTH.
- 12. GROUND WIRES SHALL NOT BE INSTALLED THROUGH HOLES IN ANY METAL OBJECTS OR SUPPORTS TO PRECLUDE ESTABLISHING A
- 13. FERROUS METAL CLIPS WHICH COMPLETELY SURROUND THE GROUND WIRE SHALL NOT BE USED. METAL CLIPS THAT DO NOT COMPLETELY SURROUND THE GROUND WIRE OR PLASTIC ARE





PANEL NAME		VERIZON		IZON	MANUFACTURER		SQ-D		
VOLTS		120/240		/240	MODEL NUMBE	R	QO816L100RB		
PHASE	SE 1		VIRE	3	ENCLOSURE RATING		NEMA 4X		
BUS RATING		60 AMPS (MAX)		S (MAX)	MATERIAL		ALUMINUM		
MAIN BRE	AKER	60 AMPS		MPS	POSITIONS		8 CIRCUITS		
					-				
LOAD	POS	BRK		Α	NOTES:				
4449	1	15	120		PANEL IS LOCATED ON EQUIPMENT CABINET				
8843		15	120						
RECEPT	3	15	120		LOAD:		TELCO	EQUIP:	
HVAC	4	20		120	RECEPT LIGHTING	180 -0-	8843 4449	320 W 120 W	
RACK EQUI	P 5	20		120	HVAC EQUIP TELCO EQUIP	1500 440)	TOTAL 440 W	
SPACE	6		120		RACK EQUIP 650 TOTAL 2770W				
SPACE	7			120	TOTAL LOAD: 2770	VA/240V :	= 11.54A		
SPACE	8	l	***	120					







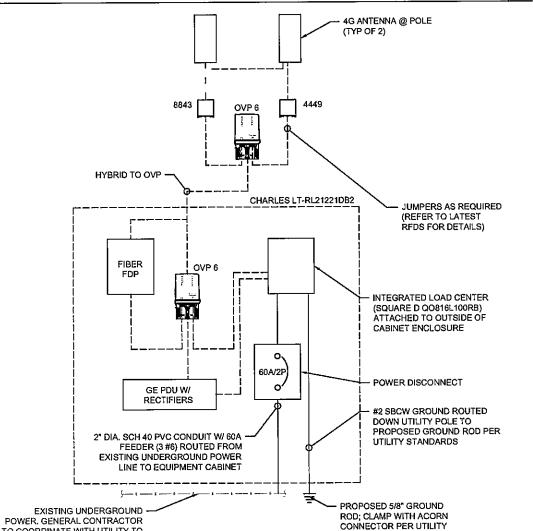


HWY 6 **SMALL CELL NODE 02**

18098 WILSON RIVER HWY TILLAMOOK, OR 97141

> **GROUNDING DETAILS**

> > E-1.0



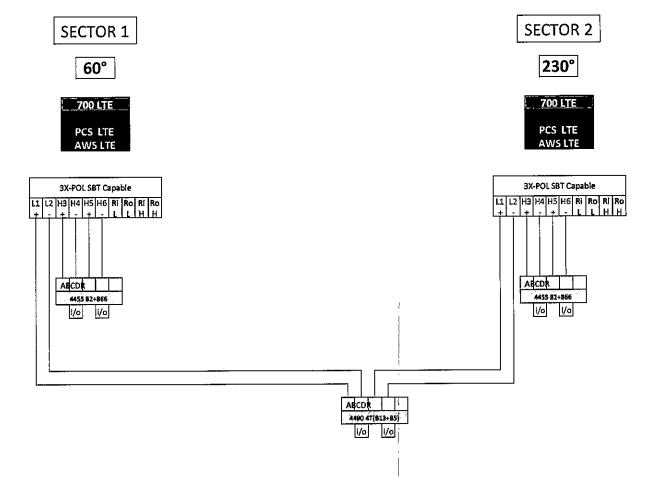
TO COORDINATE WITH UTILITY TO

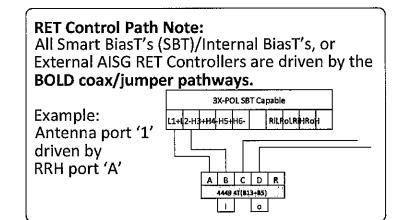
PROVIDE 120/240 V, 1PH POWER

22"x34" SCALE; NOT TO SCALE 11"x17" SCALE: NOT TO SCALE

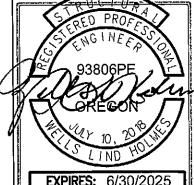
CO STANDARDS

(005xxx) HWY_6_SC_02 [Medium Cell NSB]





BBU config TBD



EXPIRES: 6/30/2025 02/11/2025 VSE Project Number: U2350-1278-251

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verizon





	HWY	6	
SMALL	CELL	NODE	02

18098 WILSON RIVER HWY TILLAMOOK, OR 97141

ANTENNA CONFIGURATION

RF-1

EXHIBIT C

Sarah Absher

From:

Sarah Thompson

Sent:

Wednesday, April 23, 2025 11:29 AM

To:

Sarah Absher

Subject:

FW: EXTERNAL: RE: 13641_Stimpson

#851-25-000077-PLNG

From: BAUMGARTNER Douglas G < Douglas.G.BAUMGARTNER@odot.oregon.gov>

Sent: Thursday, April 17, 2025 1:41 PM

To: Sarah Thompson <sarah.thompson@tillamookcounty.gov>

Subject: EXTERNAL: RE: 13641 Stimpson

[NOTICE: This message originated outside of Tillamook County -- DO NOT CLICK on links or open attachments unless you are sure the content is safe.]

Good afternoon Sarah,

The proposed cell tower installations along OR6 do not include new highway approaches or modifications to existing highway approaches and therefor my only comment is that any work proposed in the ODOT right of way will need a MISC permit through the ODOT District 1 Maintenance Office.

Have a great day!

Doug

From: Sarah Thompson <sarah.thompson@tillamookcounty.gov>

Sent: Monday, March 31, 2025 11:59 AM

To: Sarah Absher < Sarah.Absher@tillamookcounty.gov > Cc: Melissa Jenck < Melissa.Jenck@tillamookcounty.gov >

Subject: 13641_Stimpson

This message was sent from outside the organization. Treat attachments, links and requests with caution. Be conscious of the information you share if you respond.

Good Afternoon,

Please see the link below for the Notice of Application for #851-25-000077-PLNG for a Variance Request.

https://www.tillamookcounty.gov/commdev/project/851-25-000077-plng

Thanks.



Sarah Thompson (she/her) | Office Specialist 2 TILLAMOOK COUNTY | Surveyor Department 1510-B Third Street

Tillamook, OR 97141
Phone (503) 842-3408 x3423
Sarah.thompson@tillamookcounty.gov