

RESOLUTION 2011-066

A RESOLUTION AUTHORIZING A TEMPORARY UTILITY EASEMENT FOR AT&T MOBILITY

WHEREAS, the City of Sherwood has entered into an agreement with AT&T Mobility to provide service at the Snyder Park cell tower; and

WHEREAS, AT&T Mobility needs a utility easement to bring telecommunication services to the site; and

WHEREAS, the City has negotiated an agreement with AT&T Mobility for this Utility Easement; and

WHEREAS, the easement on City owned property, tax lot 2S132DB00700; and

WHEREAS, AT&T Mobility will pay the City \$2,000.00 for this Utility Easement.

NOW, THEREFORE, THE CITY OF SHERWOOD RESOLVES AS FOLLOWS:

<u>Section 1.</u> The City agrees to grant a Utility Easement over property commonly known as tax lot 2S132DB00700 and as identified on Exhibit A, Legal Description, attached and incorporated by reference, and graphically depicted in Exhibit B, Plan View, attached and incorporated by reference (the "Property"); and

<u>Section 2</u>. The City Manager is authorized to sign the AT&T Mobility Utility Easement for telecommunication services at the Snyder Park cell tower.

Section 3. This Resolution shall be effective upon its approval and adoption.

Duly passed by the City Council this 2nd day of August 2011.

Keith S. Mays, Mayor

Attest:

Sylvia Murphy, CMC, City Recorder

Resolution 2011-066, Exhibit A August 2, 2011, Page 1 of 5

After recording, return to:

City of Sherwood Engineering Department 22560 SW Pine Street Sherwood, OR 97140

NO CHANGE IN TAX STATEMENTS

UTILITY EASEMENT

KNOW ALL MEN BY THESES PRESENTS, that the City of Sherwood, an Oregon municipal corporation, ("Grantor"), for the consideration hereinafter stated, does grant unto **AT&T Mobility Corporation**, ("Grantee"), the following temporary and nonexclusive easement in that certain real property situated in the City of Sherwood and described as follows:

See Attached Exhibit "A" (Legal Description on Page 1 and Utility Easement Sketch on Page 2), which is incorporated herein by this reference.

The true consideration for this conveyance is \$2,000.00 However, the actual consideration consists of other value given, which value constitutes the whole consideration.

This grant is intended to establish a temporary utility easement on the property described, not to convey fee title or any interest in the underlying property except as expressly stated herein. The easement granted does not prevent Grantor from the use of said property provided, however, that such use shall not interfere with the Grantee's use of the easement for the purposes described herein. Grantor shall not endanger the lateral support of any facilities constructed within the easement granted herein.

With a One Hundred Twenty (120) day notice, Grantor reserves the right to require relocation of the telecommunication facilities to an area to be determined by the Grantor. All reasonable relocation expenses shall be the responsibility of the Grantee.

This temporary utility easement will terminate when the Additional Ground Space Lease Agreement executed by both parties on July 26, 2011, attached as Exhibit "B" and incorporated by reference herein, terminates.

The purpose of this easement is to provide Grantee, its successors and assigns, access to the property for the purpose of installing, constructing, operating, maintaining, repairing, and replacing Grantee's telecommunication facilities as Grantee may deem necessary over, across, through, in and under the property described in Exhibit "A". If Grantee, its successors and assigns, causes any damage to the property, Grantee shall restore the property to the same or better condition than existed prior to the damage. Further Grantee will indemnify and hold harmless Grantor its successors and or assigns from claims of injury to person or property as a result of Grantee's installation, construction, operation, maintenance, repair, or replacement of Grantee's telecommunication facilities through said utility easement, except for that which is attributable to the negligence or willful misconduct of Grantor, its employees, agents, or contractors.

SIGNATURES ON FOLLING PAGE

IN WITNESS WHEREOF, the above named Grantor has caused this instrument to be acknowledged as of the date indicated below.

Grantor City of Sherwood, an Oregon municipal corporation	
Ву:	
Print Name: James Patterson	
lts: City Manager	
Date:	_
Grantee AT&T Mobility Corporation	
By:	_
Print Name: Geri Roper	
Its: Manager	
Date:	

ACKNOWLEDGEMENTS ON FOLLOWING PAGE

GRANTOR ACKNOWLEDGMENT	
STATE OF OREGON)) ss	
County of WASHINGTON)	
On this day of personally known to me to be the person that he executed the same.	, 2011, before me personally appeared James Patterson , a whose name is subscribed to this instrument, and acknowledged
NOTARY PUBLIC FOR OREGON	
My Commission Expires:	
GRANTEE ACKNOWLEDGMENT STATE OF OREGON	
COUNTY OF CLACKAMAS)	ss:
	ore me personally appeared Geri Roper , and acknowledged under &T Mobility Corporation , the Grantee named in the attached execute this instrument.
Notary Public	
Signature of Notary Public	
My Commission Expires:	

EXHIBIT A Page 1

PL52 Sherwood South Utility Easement

This easement is for the purpose of providing utilities to a lease area for AT&T Wireless on, over, under and through a portion of the property described as:

Beginning at a point which is 20 feet south and 40 rods east of the center of Section 32, Township 2 South, Range 1 West of the Willamette Meridian, Washington County, Oregon, said Point of Beginning being the Northeast corner of that tract of land conveyed to Gordon H. Snyder in book 186, page 275, of deed records of Washington County, Oregon; thence running South along the east line of said Snyder tract 260 feet; thence West parallel with the north line of said Snyder tract, 220 feet; thence North parallel with the east line of said Snyder tract 260 feet to the north line of the Snyder tract, said north line also being the south line of East Division Street; thence East 220 feet along said North line of the Snyder tract to the Point of Beginning.

Said utility easement is a 5 foot wide easement lying 2.5 feet on each side of the centerline MORE PARTICULARLY described as follows:

Commencing at the Northeast corner of the above described property;

thence SOUTH 01°57'35" WEST 115.64 feet along the east line of said property;

thence NORTH 88°02'25" WEST 47.16 feet to the Point of Beginning, which is on the east line of said lease area:

thence from said Point of Beginning NORTH 89°24'54" EAST 8.50 feet;

thence NORTH 00°35'06" WEST 55.48 feet;

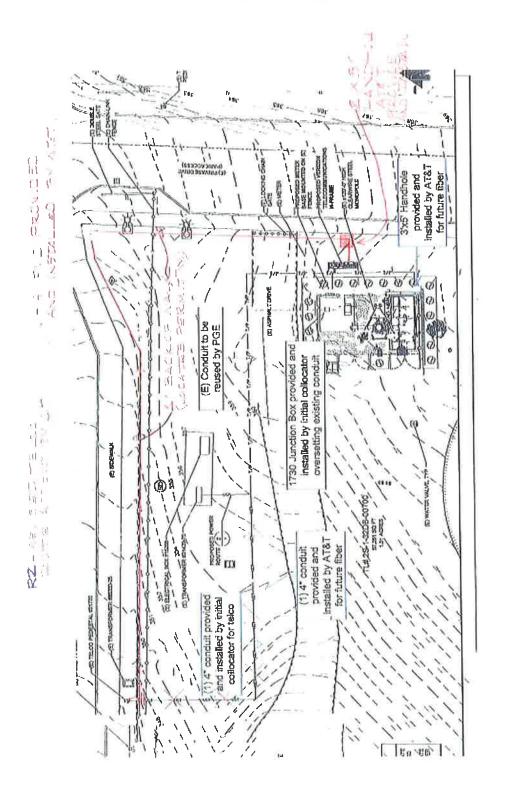
thence NORTH 89"27'15" WEST 75.21 feet to point 'A";

thence NORTH 89°27'15" WEST 69.24 feet;

thence NORTH 00°11'56" EAST 42.76 feet to a point 2.5 feet north of Telco pedestal #31723 and the end of this portion of the easement.

thence beginning from said point "A" NORTH 00°32'45" EAST 15.62 feet to the center of Transformer #31420-75

EXHIBIT A Page 2



Market: Oregon Cell Site Number: PL52 Cell Site Name: Sherwood South Fixed Asset Number: 10118909

ADDITIONAL GROUND SPACE LEASE AGREEMENT

THIS ADDITIONAL GROUND SPACE LEASE AGREEMENT ("Agreement" or "Lease"), dated as of the latter of the signature dates below (the "Effective Date"), is entered into by the City of Sherwood Oregon, an Oregon municipal corporation, having a mailing address of 22560 SW Pine Street, Sherwood OR 97140 (hereinafter referred to as "Landlord") and New Cingular Wireless PCS, LLC, a Delaware limited liability company doing business as AT&T Mobility, having a mailing address of 6100 Atlantic Boulevard, Norcross, Georgia 30071 (hereinafter referred to as "Tenant").

BACKGROUND

Landlord owns that certain plot, parcel or tract of land, together with all rights and privileges arising in connection therewith, located at 15288 SW Division St. Sherwood OR 97140, in the County of Washington, State of Oregon (collectively, the "Property"). Tenant, in connection with its federally licensed communications business, desires to lease ground space only for the installation of equipment and associated communications fixtures installed or to be installed on an antenna structure owned by a third party ("Antenna Landlord"), which antenna structure is located on the Property. Landlord desires to grant to Tenant the right to use a portion of the Property in accordance with this Agreement.

The parties agree as follows:

- 1. <u>LEASE OF PREMISES.</u> Landlord leases to Tenant only a portion of space on the Property, the 200 square foot area located in such portion of the property, all as described on attached **Exhibit 1** (the "**Premises**") which is attached and incorporated by reference herein. Tenant intends to locate its equipment facilities as described on **Exhibit 2** which is attached and incorporated by reference herein, consistent with Site Plan Permit No. CBLD 5343. This Lease is not a franchise. Any such franchise must be obtained separately from Landlord.
- 2. PERMITTED USE. Tenant may use the Premises for the transmission and reception of communications signals and the installation, construction, maintenance, operation, repair, replacement and upgrade of its communications fixtures and related equipment, cables, accessories and improvements as set forth in Exhibit 2, which may include a suitable support structure, equipment shelters or cabinets and fencing and any other items necessary (collectively, the "Communication Facility") to the successful and secure use of the Premises. Tenant shall at its expense, comply with all present and future federal, state and local laws, ordinances, rules and regulations (including laws and ordinances relating to health, radio frequency emissions, industrial hygiene, environmental, and other radiation and safety requirements) in connection with Tenant's use, operation, maintenance, construction and/or installation of its Communication Facility. Tenant at its expense shall obtain all licenses, permits, and land use approvals required for Tenant's use of the Premises. Notwithstanding the foregoing, Tenant will not be required to modify the Communication Facility in response to future changes in land use laws or building codes until Tenant is otherwise required to do so under applicable law. Tenant may, prior to or after the Commencement Date, obtain a title report, perform surveys, soil tests and other engineering procedures on, under and over the Property necessary to determine that Tenant's use of the Premises will be compatible with Tenant's engineering specifications, system design, operations and any federal, state, and local government approvals (collectively, the "Permitted Use"). Tenant may not add additional equipment other than that shown on Exhibit 2 without the prior written approval of the Landlord which approval shall not be unreasonably withheld, delayed or conditioned. For a period of ninety (90) days following the start of construction, Landlord grants Tenant, its subtenants, licensees and sublicensees, the

right to use such portions of Landlord's contiguous, adjoining or surrounding property as described on **Exhibit 1** hereto (the "Surrounding Property"), as may reasonably be required during construction and installation of the Communications Facility. Tenant has the right to install and operate transmission cables from the equipment shelter or cabinet to the antenna structure which is located on the Property or adjacent property, electric lines from the main feed to the equipment shelter or cabinet and communication lines from the main entry point to the equipment shelter or cabinet, and to make Property improvements, alterations, upgrades or additions appropriate for Tenant's use as described in **Exhibit 2**. Tenant changes include the right to construct a fence around the Premises and undertake any other appropriate means to secure the Premises at Tenant's expense. Tenant agrees to comply with all applicable governmental laws, rules, statutes and regulations, relating to its use of the Communication Facility on the Property.

3. <u>TERM.</u>

- (a) The initial lease term will be five (5) years ("Initial Term"), commencing on the Effective Date. The Initial Term will terminate on the fifth (5th) annual anniversary of the Effective Date.
- (b) This Agreement will automatically renew for four (4) additional five (5) year term(s) (each five (5) year term shall be defined as the "Extension Term"), upon the same terms and conditions unless the Tenant notifies the Landlord in writing of Tenant's intention not to renew this Agreement at least sixty (60) days prior to the expiration of the existing Term.
- (c) Any renewal shall be on the same terms and conditions as are set forth in this Lease, unless otherwise agreed by both parties in writing. Landlord may deny renewal of this Lease by written notification of its intention not to renew the Lease at any time after the expiration of the first Extension Term upon 12 months prior notice.
- (d) If, at least sixty (60) days prior to the end of the fourth (4th) extended term, either Landlord or Tenant has not given the other written notice of its desire that the term of this Agreement end at the expiration of the fourth (4th) extended term, then upon the expiration of the fourth (4th) extended term this Agreement shall continue in force upon the same covenants, terms and conditions from month to month. Either the Landlord or the Tenant may terminate month-to-month lease by providing thirty (30) days prior written notice to the other. If Tenant remains in possession of the Premises after the termination of this Agreement then Tenant will be deemed to be occupying the Premises on a month to month basis (the "Holdover Term"), subject to the terms and conditions of this Agreement.
- (e) The Initial Term, the Extension Term and the Holdover Term are collectively referred to as the Term ("Term").

4. RENT.

- (a) Commencing on the first day of the month following the date that Tenant commences construction (the "Rent Commencement Date"), Tenant will pay the Landlord a monthly rental payment of Nine-Hundred-and No/100 Dollars (\$900.00) ("Rent"), at the address set forth above, on or before the fifth (5th) day of each calendar month in advance. In partial months occurring after the Rent Commencement Date, Rent will be prorated. The initial Rent payment will be forwarded by Tenant to Landlord within thirty (30) days after the Rent Commencement Date.
- (b) In year two (2) of the Initial Term, and each year thereafter, including throughout the any Extension Terms exercised, the Rent will increase by four percent (4%) over the Rent paid the previous year.
- (c) Tenant also agrees to reimburse Landlord for its reasonable legal costs in preparing this Lease not to exceed one thousand dollars \$1,000.00 payable on the Commencement Date.
- (d) All charges payable under this Agreement such as utilities and taxes shall be billed by Landlord within one (1) year from the end of the calendar year in which the charges were incurred; any charges beyond such period shall not be billed by Landlord, and shall not be payable by Tenant. The foregoing shall not apply to monthly rent which is due and payable without a requirement that it be billed by Landlord. The provisions of the foregoing sentence shall survive the termination or expiration of this Agreement.

5. <u>INSTALLATION OF EQUIPMENT.</u>

- (a) Tenant shall have the right, at its sole cost and expense, to install, operate and maintain on the Premises, in accordance with good engineering practices and with all applicable FCC rules and regulations, its Communication Facility as described on **Exhibit 2**. No additional facilities are permitted unless approved as required herein.
- (b) Any damage to Landlord's Premises or property occurring during installation or maintenance of Tenant's equipment shall be Tenant's sole responsibility and shall be addressed as required in Section 17 hereof.
- 6. EQUIPMENT UPGRADE. Tenant may update or replace Communication Facility equipment from time to time with the prior written approval of Landlord, which approval shall not be unreasonably withheld, delayed or conditioned, provided that the replacement facilities are not greater in number or size than the existing facilities. Tenant shall submit to Landlord a detailed proposal for any such replacement facilities and any supplemental materials as may be requested, for Landlord's evaluation and approval. This paragraph is not intended to eliminate or in any way alter the obligation of Tenant to obtain any and all needed land use approvals and permits.
- 7. <u>CONSTRUCTION STANDARDS.</u> The Communication Facility shall be installed on Premises in a good and workmanlike manner without the attachment of any construction liens and in accordance with all applicable federal, state and local codes, rules and regulations including the National Electrical Code and the National Electrical Safety Code. All work that does not comply with applicable construction standards shall be removed at the sole expense of the Tenant.

8. APPROVALS.

- (a) Landlord agrees that Tenant's ability to use the Premises is contingent upon the suitability of the Premises for Tenant's Permitted Use, Tenant's ability to secure a lease with Antenna Landlord for space on Antenna Landlord's antenna structure and such lease remaining in full force and effect during the Term hereof, and Tenant's ability to obtain and maintain all governmental licenses, permits, approvals or other relief required of or deemed necessary or appropriate by Tenant for its use of the Premises, including without limitation applications for zoning variances, zoning ordinances, amendments, special use permits, and construction permits (collectively, the "Government Approvals"). Landlord authorizes Tenant to prepare, execute and file all required applications to obtain Government Approvals for Tenant's Permitted Use under this Agreement and agrees to reasonably assist Tenant with such applications and with obtaining and maintaining the Government Approvals. In addition, Tenant shall have the right to initiate the ordering and/or scheduling of necessary utilities.
- (b) Tenant has the right to obtain a title report or commitment for a leasehold title policy from a title insurance company of its choice and to have the Property surveyed by a surveyor of Tenant's choice. In the event Tenant determines in its sole discretion, due to the title report results or survey results that the condition of the Premises is unsatisfactory for Tenant's proposed use of the Premises, Tenant will have the right to terminate this Agreement upon notice to Landlord.
- 9. <u>TERMINATION.</u> This Agreement may be terminated, without penalty or further liability, as follows:
- (a) by either party on thirty (30) days prior written notice if the other party defaults under any covenant or term hereof which fault is not cured within sixty (60) days of receipt of written notice of default except that this Agreement shall not be terminated if the default cannot reasonably by cured within such sixty (60) day period and the defaulting party has commenced to cure the default within such sixty (60) day period and diligently pursues the cure to completion;

- (b) by Tenant upon written notice to Landlord, if Tenant is unable to obtain, or maintain, any required approval(s) or the issuance of a license or permit by any agency, board, court or other governmental authority necessary for the construction or operation of the Communication Facility as now or hereafter intended by Tenant; or if Tenant determines in its sole discretion that the cost of obtaining or retaining the same is commercially unreasonable;
- (c) by Tenant upon written notice to Landlord, if Tenant is unable to obtain a lease, license or similar agreement with Antenna Landlord for space on Antenna Landlord's antenna structure, if Tenant determines in its sole discretion that the cost of obtaining a lease, license or similar agreement with Antenna Landlord for space on Antenna Landlord's antenna structure is commercially unreasonable, or if the lease, license or similar agreement between Tenant and Antenna Landlord for space on Antenna Landlord's antenna structure expires or is terminated for any reason;
- (d) by Tenant upon written notice to Landlord for any reason, at any time prior to commencement of construction by Tenant; or
- (e) by Tenant upon sixty (60) days prior written notice to Landlord for any reason or no reason, so long as Tenant pays Landlord a termination fee equal to three (3) months' Rent, at the then current rate, provided, however, that no such termination fee will be payable on account of the termination of this Agreement by Tenant under any one or more of Paragraphs 5(b), 6, 8, 9(a) for defaults by Landlord, 9(b), 9(c), 9(d), 9(f), 9(g), 12(b) for deposits by Landlord, 13, 22, 23 or 26(j) of this Agreement; or
- (f) by Landlord immediately upon written notice in the event that the Federal Communications Commission (or any governmental agency which has jurisdiction over the health impact of radio frequencies) issues a final, unappealable order which finds that electromagnetic fields emitted by equipment similar to Tenant's Communication Facility presents an unacceptable risk to public health which the parties agree, after consultation in good faith, cannot be remediated through modifications to the Communication Facility on the Premises or on the parcel of land where Tenant subleases space on the Clearwire tower; or
- (g) by Landlord if Landlord reasonably determines that continued use of the Agreement violates applicable law or ordinances, except that Landlord will not have the right to terminate the Agreement if the violation of law or ordinance arises from newly adopted building, land use or zoning laws until such time that Tenant could otherwise be required by applicable non-conforming use law to comply with the newly adopted local building, land use or zoning laws.
- (h) Upon termination of this Agreement for any of the reason, Tenant shall remove its equipment, personal property, Communication Facility and leasehold improvements from the Premises on or before the date of termination and shall repair any damage to the Premises caused by such equipment, normal wear and tear and casualty loss excepted. Any such property or facilities except for hazardous materials that are not removed by the end of the Term or at termination shall become the property of Landlord. It is the responsibility of the Tenant to restore the Premises to its original condition as near as practicable and to remove any hazardous materials, if any, from the site. All costs under this Section to be borne exclusively by the Tenant. In the event Tenant fails to remove the Communication Facility or any hazardous waste from the site or fails to restore the site as provided in this section, Tenant shall reimburse the Landlord for any and all costs, attorney fees and otherwise, incurred by the Landlord to perform the same.
- 10. <u>INSURANCE</u>. Tenant will carry during the Term, at its own cost and expense, the following insurance: (i) "All Risk" property insurance for its property's replacement cost; (ii) commercial general liability insurance with a minimum limit of liability of Two Million Five Hundred Thousand Dollars \$2,500,000 combined single limit for bodily injury or death/property damage arising out of any one occurrence; and (iii) Workers' Compensation Insurance as required by law. The coverage afforded by Tenant's commercial general liability insurance shall apply to Landlord as an additional insured, but only

with respect to Landlord's liability arising out of its interest in the Property. Prior to Commencement Date, Tenant shall provide Landlord with reasonable evidence of Tenant's required insurance.

11. WAIVER OF SUBROGATION. The Landlord and Tenant agree that each waives any right of action that it may later acquire against the other party to this Agreement for loss or damage to that party's property, or to property in which that party may have an interest, to the extent that such loss is covered by any insurance policy or policies and to the extent that proceeds (which proceeds are free and clear of any interest of third parties) are received by the party claiming the loss or damage. This waiver of subrogation shall not extend to any applicable deductibles under such policy or policies.

12. ACCEPTANCE OF THE PREMISES.

- (a) Tenant accepts the Premises in the condition existing as of the Commencement Date. Landlord makes no representation or warranty with respect to the condition of the Premises and Landlord shall not be liable for any latent or patent defect in the Premises except as provided in 12(b).
- (b) Landlord represents that to the best of its knowledge without conducting independent investigation that the Premises have not been used for the generation, storage, treatment or disposal of hazardous materials. In addition, Landlord represents that to the best of its knowledge without conducting independent investigation that there are no hazardous materials or underground storage tanks located on the Premises. During the Term, the parties to this Agreement shall handle, store and dispose of all hazardous materials each brings onto the Premises in accordance with all federal, state and local laws and regulations. If hazardous materials are deposited as a result of any act or omission of Landlord or Tenant, the non-depositing party shall have the right to terminate this Agreement, and the depositing party shall indemnify and hold the other harmless from any and all claims arising out of such hazardous materials. For purposes of these provisions, "hazardous materials" means any chemical, pollutant or waste that is presently identified as hazardous, toxic or dangerous under any applicable federal, state or local law or regulations.

13. <u>INTERFERENCE.</u>

- (a) Where there are existing radio frequency user(s) on the Property, the Landlord will provide Tenant with a list of all existing radio frequency user(s) on the Property to allow Tenant to evaluate the potential for interference.
- (b) Landlord will not grant, after the date of this Agreement, a lease, license, permits or any other right to any third party for use of the Property, if such use may in any way adversely affect or interfere with Tenant's access to the Communication Facility, or the operations of Tenant's radio frequencies and Communication Facility, or the rights of Tenant under this Agreement. Landlord will notify Tenant in writing prior to granting any third party the right to install and operate communications equipment on the Property.
- (c) Both parties will not use, nor will either party permit its employees, tenants, licensees, invitees or agents to use, any portion of the Property in any way which interferes with either party's existing use or operation of radio frequencies on the Property. Any interfering party will commence work within twenty-four (24) hours after receipt of written notice of interference to cause such interference to cease within 72 hours. If the interference cannot be cured within 72 hours, the party causing interference will not operate its equipment (except for intermittent periods for testing) until the cause of such interference has been remedied.

14. INDEMNIFICATION.

(a) Tenant agrees to indemnify, defend and hold Landlord harmless from and against any and all injury, loss, damage or liability (or any claims in respect of the foregoing), costs or expenses (including reasonable attorneys' fees and court costs) arising directly from the actions or omissions of the Tenant its principals, employees, agents or independent contractors in performing this Agreement or

Tenant's breach of any provision of this Agreement, except to the extent attributable to the negligent or intentional act or omission of Landlord, its employees, agents or independent contractors.

- (b) Landlord, subject to the Oregon Constitution and Oregon Tort Claims Acts, agrees to indemnify, defend and hold Tenant harmless from and against any and all injury, loss, damage or liability (or any claims in respect of the foregoing), costs or expenses (including reasonable attorneys' fees and court costs) arising directly from the actions of Landlord its principals, employees, or agents, or Landlord's breach of any provision of this Agreement, except to the extent attributable to the negligent or intentional act or omission of Tenant, its employees, agents or independent contractors.
- (c) Notwithstanding anything to the contrary in this Agreement, Tenant and Landlord each waives any claims that each may have against the other with respect to consequential, incidental or special damages.

15. WARRANTIES.

- (a) Tenant and Landlord each acknowledge and represent that it is duly organized, validly existing and in good standing and has the right, power and authority to enter into this Agreement and bind itself hereto through the party set forth as signatory for the party below.
- (b) Landlord represents and warrants that: (i) Landlord solely owns the Property as a legal lot in fee simple, or controls the Property by lease or license; (ii) the Property is not encumbered by any liens, restrictions, mortgages, covenants, conditions, easements, leases, or any other agreements of record or not of record, which would adversely affect Tenant's Permitted Use and enjoyment of the Premises under this Agreement; (iii) as long as Tenant is not in default then Landlord grants to Tenant sole, actual, quiet and peaceful use, enjoyment and possession of the Premises; (iv) Landlord's execution and performance of this Agreement will not violate any laws, ordinances, covenants or the provisions of any mortgage, lease or other agreement binding on the Landlord; and (v) if the Property is or becomes encumbered by a deed to secure a debt, mortgage or other security interest, Landlord will provide promptly to Tenant a mutually agreeable Subordination, Non-Disturbance and Attornment Agreement.
- 16. ACCESS. At all times throughout the Term of this Agreement, and at no additional charge to Tenant, Tenant and its employees, agents, and subcontractors, will have the reasonable right of pedestrian and vehicular access to the Premises to reach the Communication Facility twenty-four (24) hours per day, seven (7) days per week. Landlord shall have access to the Premises at reasonable times upon 24 hours prior notice to Tenant to visually examine and visually inspect the Communication Facility for safety reasons or to ensure Tenant is meeting its covenants and to ensure that Tenant shall have access twenty-four (24) hours per day, seven (7) days per week to inspect and maintain its Communication Facility on the Property.
- REMOVAL/RESTORATION/REPAIR. In the event the Landlord redevelops the Property, 17. Landlord may request relocation of the Communication Facility or the utilities to the facilities, within Landlord's Property at Tenant's sole cost and expense. Landlord agrees to coordinate such redevelopment with Tenant to prevent interference with Tenant's transmission and reception from the Premises. Said request for relocation shall be made with a minimum of twelve (12) months prior written notice. Landlord agrees to provide Tenant with a mutually acceptable location to relocate its Communication Facility or utilities on the Property. Upon relocation of the Communication Facility, the access and utility easement(s) will be relocated as required. Upon termination or expiration of this Lease, or in the event of damage to Landlord's property during installation of Equipment by Tenant, Tenant shall restore Landlord's Premises and property to their condition prior to such damage or installation within sixty (60) days of termination or damage. Upon termination or expiration of this Lease, Tenant shall remove its Communication Facility and return the Premises to their condition prior to the installation of Tenant's Communication Facility, including removal of any underground materials to a depth of sixty (60) inches below grade. Tenant shall be obligated to pay rent at the rate specified herein until such removal and restoration is complete. Tenant shall provide proof of payment of all equipment suppliers

and laborers and shall remove and hold Landlord harmless from any liens against the lease premises as a result of such removal or restoration.

18. MAINTENANCE/UTILITIES.

- (a) Tenant will keep and maintain the Premises in safe condition, in good repair and in a manner suitable to Landlord so as not to conflict with the use of or other leasing of the Property. Tenant shall not interfere with the use of the remaining portion of the Property or any other facilities located on the Property or other equipment of other tenants. Tenant shall have sole responsibility for the maintenance, repair, and security of all its equipment, personal property, and leasehold improvements, and shall keep the same in good repair and condition during the Term. Landlord shall similarly maintain its Communication Facility if they are placed on the Premises. Tenant shall keep the Premises free of debris and anything of a dangerous, noxious or offensive nature or which would create a hazard or interference with other uses of the Premises or the Property.
- Tenant will be responsible for paying on a monthly or quarterly basis all utilities charges for electricity, telephone service or any other utility used or consumed by Tenant on the Premises. In the event Tenant cannot secure its own metered electrical supply, Tenant will have the right, at its own cost and expense, to submeter from the Landlord. When submetering is required under this Agreement, Landlord will read the meter and provide Tenant with an invoice and usage data on a monthly basis. Landlord further agrees to provide the usage data and invoice on forms provided by Tenant and to send such forms to such address and/or agent designated by Tenant. Tenant will remit payment within thirty days of receipt of the usage data and required forms. Failure by Landlord to perform this function will limit utility fee recovery by Landlord to a 12-month period. If Tenant submeters electricity from Landlord, Landlord agrees to give Tenant at least 24 hours advanced notice of any planned interruptions of said electricity. Landlord acknowledges that Tenant provides a communication service which requires electrical power to operate and must operate twenty-four (24) hour per day, seven (7) day per week . If the interruption is for an extended period of time, in Tenant's reasonable determination, the Landlord agrees to allow Tenant the right to bring in a temporary source of power for the duration of the interruption. Landlord will fully cooperate with any utility company requesting an easement over, under and across the Property in order for the utility company to provide service to the Tenant. Landlord will not be responsible for interference with, interruption of or failure, beyond the reasonable control of Landlord, of such services to be furnished or supplied by Landlord.

19. DEFAULT AND RIGHT TO CURE.

- (a) The following will be deemed a default by Tenant and a breach of this Agreement: (i) non-payment of Rent if such Rent remains unpaid for more than thirty (30) days after receipt of written notice from Landlord of such failure to pay; or (ii) Tenant's failure to perform any other term or condition under this Agreement within forty-five (45) days after receipt of written notice from Landlord specifying the failure. No such failure, however, will be deemed to exist if Tenant has commenced to cure such default within such period and provided that such efforts are prosecuted to completion with reasonable diligence. Delay in curing a default will be excused if due to causes beyond the reasonable control of Tenant. In the event of a default, Landlord shall have the right, at its option, in addition to and not exclusive of any other remedy Landlord may have by operation of law, without any further demand or notice, to re-enter the Premises as allowed by law and eject all persons therefrom, and either:
- (1) declare this Lease at an end, in which event Tenant shall immediately pay Landlord a sum of money equal to the total of:
 - A. the amount of the unpaid rent accrued through the date of termination;
 - B. the amount by which the unpaid rent reserved for the balance of the term exceeds the amount of such rental loss that the Tenant proves could be reasonably avoided (net of the costs of such reletting); and

- C. any other amount necessary to compensate Landlord for all detriment proximately caused by Tenant's failure to perform its obligations under the Lease, or
- (2) without terminating this Lease, relet the Lease Site, or any part thereof, for the account of Tenant upon such terms and conditions as Landlord may deem advisable, and any monies received from such reletting shall be applied first to the expenses of such reletting and collection, including reasonable attorney fees, any real estate commissions paid, and thereafter toward payment of all sums due or to become due Landlord hereunder and, if a sufficient sum shall not be thus realized to pay such sums and other charges, Tenant shall pay Landlord any deficiency monthly, notwithstanding that Landlord may have received rental in excess of the rental stipulated in this Lease in previous or subsequent months, and Landlord may bring an action therefore as such monthly deficiency shall arise.

If Tenant remains in default beyond any applicable cure period, in addition to the options listed above, Landlord will have the right to exercise any and all rights available to it under law and equity.

- (b) The following will be deemed a default by Landlord and a breach of this Agreement. (i) failure to provide access to the Premises or to cure an interference problem within twenty-four (24) hours after receipt of written notice of such default; or (ii) Landlord's failure to perform any term, condition or breach of any warranty or covenant under this Agreement within forty-five (45) days after receipt of written notice from Tenant specifying the failure. No such failure, however, will be deemed to exist if Landlord has commenced to cure the default within such period and provided such efforts are prosecuted to completion with reasonable diligence. Delay in curing a default will be excused if due to causes beyond the reasonable control of Landlord. If Landlord remains in default beyond any applicable cure period, Tenant will have the right to exercise any and all rights available to it under law and equity.
- 20. ASSIGNMENT/SUBLEASE. Tenant may not assign this Lease or sublet the Premises without the prior written consent of the Landlord, unless such assignment is to a parent, subsidiary or affiliate of Tenant. Tenant shall provide Landlord written notice of such assignment or subletting thirty (30) days prior to such assignment or subletting. Such notice shall contain information regarding the name of the parent, subsidiary or affiliate to which Tenant is assigning or subletting. Prior written consent of Landlord for subletting should not be unreasonably withheld, delayed, or conditioned. Nothing in this Lease shall preclude Landlord from leasing space on Property other than the Premises for communications equipment to any person or entity which may be in competition with Tenant or any other party, consistent with the terms of this Agreement.
- 21. <u>NOTICES</u>. All notices, requests, demands and communications hereunder will be given by first class certified or registered mail, return receipt requested, or by a nationally recognized overnight courier, postage prepaid, to be effective when properly sent and received, refused or returned undelivered. Notices will be addressed to the parties as follows:

If to Tenant:

New Cingular Wireless PCS, LLC Attn: Network Real Estate Administration

Re: Cell Site #: PL52; Cell Site Name: Sherwood South

Fixed Asset No: 10118909 12555 Cingular Way, Suite 1300

Alpharetta, GA 30004

With a required copy of such notice sent to AT&T Legal at:

If sent via certified or registered mail:

New Cingular Wireless PCS, LLC Attn: AT&T Legal Department

Re: Cell Site #: PL52; Cell Site Name: Sherwood South

Fixed Asset No: 10118909

PO Box 97061

Redmond, WA 98073-9761

Or

If sent via nationally recognized overnight courier:

New Cingular Wireless PCS, LLC Attn: AT&T Legal Department

Re: Cell Site #: PL52; Cell Site Name: Sherwood South

Fixed Asset No: 10118909 16331 NE 72nd Way Redmond, WA 98052-7827 New Cingular Wireless PCS, LLC

If to Landlord: City Manager's Office

City of Sherwood Oregon 22560 SW Pine Street Sherwood OR 97140

Either party hereto may change the place for the giving of notice to it by thirty (30) days prior written notice to the other as provided herein.

- 22. <u>CONDEMNATION</u>. In the event Landlord receives notification of any condemnation proceedings affecting the Property, Landlord will provide notice of the proceeding to Tenant within forty-cight (48) hours. If a condemning authority takes all of the Property, or a portion sufficient, in Tenant's sole determination, to render the Premises unsuitable for Tenant, this Agreement will terminate as of the date the title vests in the condemning authority. The parties will each be entitled to pursue their own separate awards in the condemnation proceeds, which for Tenant will include, where applicable, the value of its Communication Facility, moving expenses, prepaid Rent, and business dislocation expenses, provided that any award to Tenant will not diminish Landlord's recovery. Tenant will be entitled to reimbursement for any prepaid Rent on a prorata basis.
- 23. <u>CASUALTY</u>. Landlord will provide notice to Tenant of any casualty affecting the Property within forty-eight (48) hours of the casualty. If any part of the Communication Facility or Property is damaged by fire or other casualty, not caused by the Tenant, which renders the Premises unsuitable, then Tenant may terminate this Agreement by providing written notice to the Landlord, which termination will be effective as of the date of such damage or destruction. Upon such termination, Tenant will be entitled to collect all insurance proceeds payable to Tenant on account thereof and to be reimbursed for any prepaid Rent on a prorata basis. If notice of termination is given, or if Landlord or Tenant undertake to rebuild the Communications Facility, Landlord aggress to use its reasonable efforts to permit Tenant to place temporary transmission and reception facilities on the Property at no additional Rent until such time

as Tenant is able to activate a replacement transmission facility at another location or the reconstruction of the Communication Facility is completed.

- 24. WAIVER OF LANDLORD'S LIENS. Landlord waives any and all lien rights it may have, statutory or otherwise, concerning the Communication Facility or any portion thereof. The Communication Facility shall be deemed personal property for purposes of this Agreement, regardless of whether any portion is deemed real or personal property under applicable law, and Landlord consents to Tenant's right to remove all or any portion of the Communication Facility from time to time in Tenant's sole discretion and without Landlord's consent.
- 25. TAXES. Tenant shall pay, as they become due and payable, all fees, charges, taxes and expenses required for licenses and/or permits required for or occasioned by Tenant's use of the Lease Site. Tenant shall pay any increase in real estate taxes caused by the improvements constructed thereon by Tenant and/or the activities of Tenant. In the event the real estate tax assessment on Landlord's property reflects Tenant's improvements and/or activities, Landlord agrees to provide Tenant in a timely manner a copy of the assessment.

26. MISCELLANEOUS.

- (a) Amendment/Waiver. This Agreement cannot be amended, modified or revised unless done in writing and signed by an authorized agent of the Landlord and an authorized agent of the Tenant. No provision may be waived except in a writing signed by both parties.
- (b) Memorandum/Short Form Lease. Either party will, at any time upon fifteen (15) business days prior written notice from the other, execute, acknowledge and deliver to the other a recordable Memorandum or Short Form of Lease. Either party may record this Memorandum or Short Form of Lease at any time, in its absolute discretion.
- (c) Bind and Benefit. The terms and conditions contained in this Agreement will run with the Property and bind and inure to the benefit of the parties, their respective heirs, executors, administrators, successors and assigns
- (d) Entire Agreement. This Agreement and the exhibits attached hereto, all being a part hereof, constitute the entire agreement of the parties hereto and will supersede all prior offers, negotiations and agreements with respect to the subject matter of this Agreement.
- (e) Governing Law. This Agreement will be governed by the laws of the state in which the Premises are located, without regard to conflicts of law.
- (f) Interpretation. Unless otherwise specified, the following rules of construction and interpretation apply: (i) captions are for convenience and reference only and in no way define or limit the construction of the terms and conditions hereof; (ii) use of the term "including" will be interpreted to mean "including but not limited to"; (iii) whenever a party's consent is required under this Agreement, except as otherwise stated in the Agreement or as same may be duplicative, such consent will not be unreasonably withheld, conditioned or delayed; (iv) exhibits are an integral part of the Agreement and are incorporated by reference into this Agreement; (v) use of the terms "termination" or "expiration" are interchangeable; and (vi) reference to a default will take into consideration any applicable notice, grace and cure periods; and (vii) to the extent there is any issue with respect to any alleged, perceived or actual ambiguity in this Agreement, the ambiguity shall not be resolved on the basis of who drafted the Agreement.
- (g) Estoppel. Either party will, at any time upon twenty (20) business days prior written notice from the other, execute, acknowledge and deliver to the other a statement in writing (i) certifying that this Agreement is unmodified and in full force and effect (or, if modified, stating the nature of such modification and certifying this Agreement, as so modified, is in full force and effect) and the date to which the Rent and other charges are paid in advance, if any, and (ii) acknowledging that there are not, to such party's knowledge, any uncured defaults on the part of the other party hereunder, or specifying such

defaults if any are claimed. Any such statement may be conclusively relied upon by any prospective purchaser or encumbrance of the Premises. The requested party's failure to deliver such a statement within such time will be conclusively relied upon by the requesting party that (i) this Agreement is in full force and effect, without modification except as may be properly represented by the requesting party, (ii) there are no uncured defaults in either party's performance, and (iii) no more than one month's Rent has been paid in advance.

- (h) W-9. Landlord agrees to provide Tenant with a completed IRS Form W-9, or its equivalent, upon execution of this Agreement and at such other times as may be reasonably requested by Tenant.
- (i) No Electronic Signature/No Option. The submission of this Agreement to any party for examination or consideration does not constitute an offer, reservation of or option for the Premises based on the terms set forth herein. This Agreement will become effective as a binding Agreement only upon the handwritten legal execution, acknowledgment and delivery hereof by Landlord and Tenant.
- (j) Severability. If any term or condition of this Agreement is found unenforceable, the remaining terms and conditions will remain binding upon the parties as though said unenforceable provision were not contained herein. However, if the invalid, illegal or unenforceable provision materially affects this Agreement then the Agreement may be terminated by either party on ten (10) business days prior written notice to the other party hereto.
- (k) Counterparts. This Agreement may be executed in two (2) or more counterparts, all of which shall be considered on and the same agreement and shall become effective when one or more counterparts have been signed by each of the parties. It being understood that all parties need not sign the same counterpart.

IN WITNESS WHEREOF, the parties have caused this Agreement to be effective as of the last date written below.

"LANDLORD"	"TENANT"
The City of Sherwood Oregon,	New Cingular Wireless PCS, LLC,
An Oregon municipal corporation	a Delaware limited liability company
A	By: AT&T Mobility Corporation Its: Manager
By:	By: Sei Ropes
Print Name:	Print Name: Geri Roper
Its: Sherwood, Oregon 97140	Its: Area Manager, Const & Engr
Date: 7-26-20(1	Date: 7 (13/1)

TENANT ACKNOWLEDGMENT
STATE OF CREGON
COUNTY OF Washington) ss:
On the 13th July 2011 On the day of February 2010 before me personally appeared
and acknowledged under oath that he is the ANAMACCEE of AT&T Mobility Corporation, the Manager of Tenant named in the attached instrument, and as such was authorized to execute this instrument on behalf of New Cingular Wireless PCS, LLC.
Charlotte Clarke Notary Public
OFFICIAL SEAL CHARLOTTE CLARKE NOTARY PUBLIC - OREGON COMMISSION NO. 450889 Signature of Notary Public MY COMMISSION EXPIRES JULY 11, 2014
My Commission Expires: 7(114
LANDLORD ACKNOWLEDGMENT
STATE OF OREGON) ss:
COUNTY OF WASHINGTON
I CERTIFY that on February 2010, 2010 James Patterson personally came before me and acknowledged under oath that he:
(a) is the City Manager of the City of Sherwood Oregon, the Municipal corporation named in the attached instrument,
(b) was authorized to execute this instrument on behalf of the City of Sherwood and
(c) executed the instrument as the act of the City of Sherwood.
Kvistina Quellette Notary Public
Signature of Notary Public OFFICIAL SEAL KRISTINA M OUELLETTE NOTARY PUBLIC - OREGON COMMISSION NO. 458484 MY COMMISSION EXPIRES MAY 15, 2015

My Commission Expires: May 15h2015

EXHIBIT 1

DESCRIPTION OF PREMISES

Page 1 of 1

to the Agreement dated July <u>36</u>, 2011, by and between the City of Sherwood Oregon, an Oregon Municipal corporation, as Landlord, and New Cingular Wireless PCS, LLC, a Delaware limited liability company, as Tenant.

The Premises are described and/or depicted as follows:

Map & Lot 2S132DB00700, Assessor's Parcel #R557551:

Beginning at a point which is 20 feet South and 40 rods East of the center of Section 32, Township 2 South, Range 1 West of the Willamette Meridian, Washington County, Oregon, said point of beginning being the Northeast corner of that tract of land conveyed to Gordon H. Snyder in Book 186, page 275, of Deed Records of Washington County, Oregon; thence running South along the East line of said Snyder Tract 260 feet; thence West parallel with the North line of said Snyder Tract, 220 feet; thence North parallel with the East line of said Snyder Tract 260 feet to the North line of the Snyder Tract, said North line also being the South line of East Division Street; thence East 220 feet along said North line of the Snyder Tract to the point of beginning.

AND

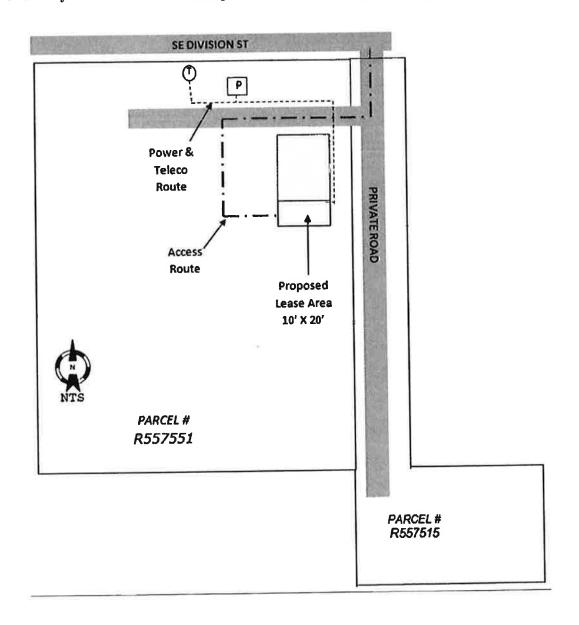
Map & Lot 2S132DB00600, Assessor's Parcel #R557515:

Beginning at the center of Section 21, Township 2 South, Range 1 West of the Willamette Meridian, thence North 88 degrees 21 minutes East 680.2 feet, South 0 degrees 36 minutes to the true point of beginning, thence continuing South 0 degrees 36 minutes East 205.63 feet, thence West 10 feet, North 205.63 feet to the South line of Division Street, thence East along the South line of Division Street to the point of beginning.

EXHIBIT 2 DESCRIPTION OF PREMISES Page 1 of + 94

This Cell site will be build as per the CD's that have been approved by the city of Sherwood and the build permit granted by the city. In addition, the antennae mounting design will be changed from the 78 inch arms to the 36 inch arms as per the cut in sheets inserted in the CD's and approved by the city.

The utility route will be executed as per the utility easement, granted by the city of Sherwood.



MEMORANDUM OF LEASE

Prepared by:

Goodman Networks, Inc. 7360 SW Hunziker St. Suite 206 Portland, Oregon 97223

Return to:

New Cingular Wireless PCS, LLC Network Real Estate Administration Site #PL52 "Sherwood South" Washington County Oregon Fixed Asset #: 10118909 6100 Atlantic Boulevard Norcross, Georgia 30071

MEMORANDUM OF LEASE

This Memorandum of Lease is entered into on this <u>36</u> day of July, 2011 by and between the City of Sherwood Oregon, an Oregon Municipal corporation having a mailing address of 22560 SW Pine Street, Sherwood Oregon 97140 (hereinafter referred to as "Landlord") and New Cingular Wireless PCS, LLC, a Delaware limited liability company, having a mailing address of 6100 Atlantic Boulevard, Norcross, GA 30071 (hereinafter referred to as "Tenant").

- 1. Landlord and Tenant entered into a certain Additional Ground Space Lease Agreement ("Agreement") on the 26 day of July 2011 for the purpose of installing, operating and maintaining a communications facility and other improvements. All of the foregoing are set forth in the Agreement.
- 2. The initial lease term will be five (5) years ("Initial Term") commencing on the Effective Date of the Agreement, with four (4) successive five (5) year options to renew subject to the provisions of Section 3 of the Agreement.
- 3. The portion of the land being leased to Tenant (the "Premises") is described in Exhibit 1 attached and incorporated by reference hereto.
- 4. This Memorandum of Lease is not intended to amend or modify, and shall not be deemed or construed as amending or modifying, any of the terms, conditions or provisions of the Agreement, all of which are hereby ratified and affirmed. In the event of a conflict between the provisions of this Memorandum of Lease and the provisions of the Agreement, the provisions of the Agreement shall control. The Agreement shall be binding upon and inure to the benefit of the parties and their respective heirs, successors, and assigns, subject to the provisions of the Agreement.

IN WITNESS WHEREOF, the parties have executed this Memorandum of Lease as of the day and year first above written.

"LANDLORD" The City of Sherwood Oregon, An Oregon municipal corporation				
By: World Will				
Print Name:James Patterson				
Its: City Manager				
Date: 7-26-20[]				
"TENANT" New Cingular Wireless PCS, LLC, a Delaware limited liability company				
By: AT&T Mobility Corporation Its: Manager				
By: Seri Roper				
Print Name: Geri Roper				
Its: Area Manager, Construction & Engineering				
Date:7 [13][1]				

TENANT ACE	KNOWLEDGMENT
STATE OF	Megon)
COUNTY OF	Magnington) ss:
On the $\frac{1}{3}$ d	ay of July 2011 before me personally appeared Ger Roxel of AT&T Mobility Corporation, the
manager of the	Tenant named in the attached instrument, and as such was authorized to execute this instrument. New Cingular Wireless PCS, LLC.
Notary Public	totte Clarke
Signature of No.	CHARLOTTE CLARKE NOTARY PUBLIC - OREGON COMMISSION NO. 450889 MY COMMISSION EXPIRES JULY 11, 2014
_	n Expires: 711114
<u>LANDLORD</u>	ACKNOWLEDGMENT
STATE OF OR	
COUNTY OF) ss: WASHINGTON
I CERT	FIFY that on July 26th 2011 James Patterson personally came before me and acknowledged under
(a)	is the City Manager of the City of Sherwood Oregon, the Municipal corporation named in the attached instrument,
(b)	was authorized to execute this instrument on behalf of the City of Sherwood and
(c)	executed the instrument as the act of the City of Sherwood.
Aristina Nolary Public	Diellette
Austin Signature of No	Dullette otary Public

My Commission Expires: May 15th 2015

EXHIBIT 1

DESCRIPTION OF PREMISES

Page 1 of 1

to the Λ	Agre	ement dat	ed _	,	2011, by	and betwe	en the	e City	of	Sherwood	Oregon,	an Oreg	on Munici	pal
corporation,	as I	Landlord,	and	New	Cingular	Wireless	PCS,	LLC,	a	Delaware	limited	liability	company,	as
Tenant.												•		

The Premises are described and/or depicted as follows:

Map & Lot 2S132DB00700, Assessor's Parcel #R557551:

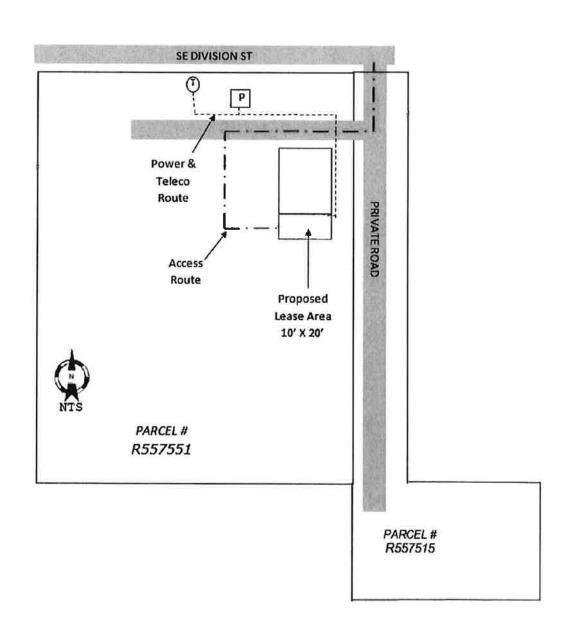
Beginning at a point which is 20 feet South and 40 rods East of the center of Section 32, Township 2 South, Range 1 West of the Willamette Meridian, Washington County, Oregon, said point of beginning being the Northeast corner of that tract of land conveyed to Gordon H. Snyder in Book 186, page 275, of Deed Records of Washington County, Oregon; thence running South along the East line of said Snyder Tract 260 feet; thence West parallel with the North line of said Snyder Tract, 220 feet; thence North parallel with the East line of said Snyder Tract 260 feet to the North line of the Snyder Tract, said North line also being the South line of East Division Street; thence East 220 feet along said North line of the Snyder Tract to the point of beginning.

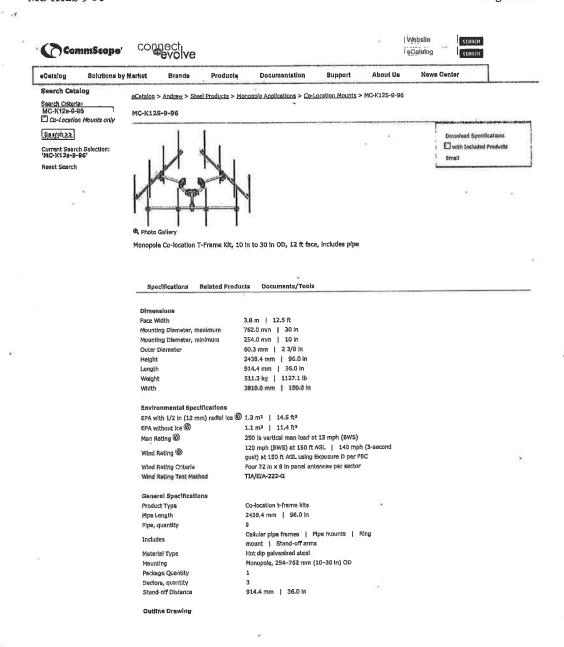
AND

Map & Lot 2S132DB00600, Assessor's Parcel #R557515:

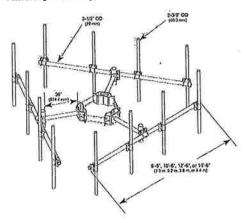
Beginning at the center of Section 21, Township 2 South, Range 1 West of the Willamette Meridian, thence North 88 degrees 21 minutes East 680.2 feet, South 0 degrees 36 minutes to the true point of beginning, thence continuing South 0 degrees 36 minutes East 205.63 feet, thence West 10 feet, North 205.63 feet to the South line of Division Street, thence East along the South line of Division Street to the point of beginning.

EXHIBIT 2 DESCRIPTION OF PREMISES Page 1 of 1





C Cilck on Image below to enlarge,



Regulatory Compliance/Certifications

Agency	Classification
ISO	Designed, manufactured and/or distributed under this quality management
9001:2008	system

Included Products

MT-951-95
Plain End Pipe, 2-3/8 in OO x 98 in

MT-219-H
Pipe Mount Hardware Xii

MC-K126-8

(2) MO-K126-8

(3) N Monopola Co-location T-Frame XII, 10 in to 50 in OD, 12 ft fac

Bloo | Contact Us | Careers | My CommScore | Support | Terms of Service



PERMIT # CBVD 5343 DATE 8-2-10

ADDRESS 15288 S.W. D.V.S.ON ST PROJECT ANTENNA ADD NOTAPPR BY G

ESUNSET PARK

APPROVED PLANS TO BE ON SITE **DURING INSPECTIONS**



Received

JUL 2 72010

Building Dept. M.

SHERWOOD SOUTH

15288 SW DIVISION STREET SHERWOOD, OR 97140 WASHINGTON COUNTY

PL52

APPROVED
Manning
OF SHERWOOD

PROPRIETARY INFORMATION

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO ATAT WHILLESS, LLC. SERVICES IS STRICTLY PROHIBITED.

VICINITY MAP



DRIVING DIRECTIONS

START AT 19891 BW 72ND AVE, TUALATIN GOING TOWARD SW SAGERT ST - GO 0.1 M. TURN RIGHT ON SW SAGERT ST - GO 0.4 M. TURN RIGHT ON SW MARTINAZZI AVE, TURN LEFT ON SW MOHAMIN ST - GO 0.2 M. TURN RIGHT ON SW MOODS SERVEY RO. - GO 0.2 M. TURN LEFT ON SW OREGON ST - GO 0.7 M. TURN LEFT ON SW MEDICOL ST O. GO 0.2 M. TURN LEFT ON SW OREGON ST - GO 0.7 M. TURN ST - GO 0.2 M. TURN START ON SW LUPPER ROY ST - GO 0.1 M. TURN LEFT ON SW MEDICOL ST O. GO 2.5 M. TURN START ON SW LUPPER ROY ST - GO 0.2 M. ARROYE AT 1528 SW DANISCH ST, SERVINGOU, ON THE LEFT.

CONSULTANT GROUP SIGN OFF	DATE	SIGNATURE	ATAY SIGN OFF	DATE	SIGNATURE
CONSTRUCTION COORDINATOR			RF ENGINEER		
LANDLORD'S REPRESENTATIVE			INTERCONNECT	1	
PROJECT MANAGER			OPERATIONS		
BITTE ACQUISITION			COMPLIANCE		
ŹÓNING			CONSTRUCTION MANAGER		
			PROJECT MANAGER		

PROJECT INFORMATION

AT&T MOBILITY CORPORATION 19801 SW 72ND AVE TUALATIN, CR 97062 CONTACT: GIERI ROPER PH: 503-691-5019

PROJECT ENGINEER CORNERSTONE ENGINEERING, INC. 16926 WOODINVILLE-REDMOND RD N.E. SUITE 210

PH: (425) 487-1732 FAX: (425) 487-1734 PROJECT MANAGER:

CODE INFORMATION: ONING CLASSIFICATION: INCUSTRIAL & PUBLIC (IP) SUILDING CODE: IBC 2009 CONSTRUCTION TYPE: TELECOMMUNICATIONS

OCCUPANCY; UNOCCUPIED IT IR/SDICTION: CITY OF SHERWOOD PROPOSEO BUILDING LISE: TELECOMM

SITE LOCATION: (BASED ON HAD 83) 45° 21' 10.88' N (45.3530) 122' 80' 02.25' W (122.8330) ATITUDE: ONGITUDE TOP OF STRUCTURE 12(7-5" AGI

PROJECT AREA:

PROPERTY OWNER: CITY OF SHERWOOD 22580 SW PINE STREET SHERWOOD, OR 97140 (603) 625-5722

TOWER OWNER: CLEARWIRE, LLC. (425) 216-7694

PROJECT CONSULTANTS: BOODMAN NETWORKS 7380 SW HUNZEKER RD, BUITE 208 PORTLAND, OR 97223

(214) 471-3931 STE ACQUISITION STEPHEN BERNOT (603) 200-2227 ayb@svbnst.net

ZONING AGENT: STEPHEN BERNOT (603) 200-2227 syb@avbnel.net CONSTRUCTION COORDINATOR: SCOTT HEF

(071) 832-1133 PARCEL NUMBER:

AREA OF PARCEL NEW IMPERVIOUS AREA:

GENERAL, INFORMATION:

1. PARKING REQUIREMENTS ARE UNCHANGED. (NON ASSIGNED TECH PARKING)

2. TRAFFIC IS UNAFFECTED.

3. SIONAGE IS PROPOSED.

PROJECT DESCRIPTION:

AT AT MOBILITY SECTO TO ADD ANTENNAS TO AN EXISTING 127-07 MONOPOLE, EQUIPMENT SHALL BE LOCATED WITHIN A 107-0" x 207-0" FENCED LEASE AREA SURROUNDED BY A 5-0" LANDSCAPPIG BUFFER.

DRAWING INDEX

DWG. NO.	DESCRIPTION
T-1	TITLE SHEET
0-1	GENERAL NOTES
C-1	CAVIL SURVEY SITE DETAIL
	SITEPLAN
A-1.1	ENLARGED SITE & ANTENNA PLAN
A-2	SOUTH ELEVATION
P-Y	EQUIPMENT ELEVATION & DETAILS
	EQUIPMENT SPECS
A-3.2	ANTENNA & MNA DETAKS
44	CONSTRUCTION DETAILS
	CONSTRUCTION DETAILS
A-4.2	CONSTRUCTION DETAILS
A43	ANTENNA PLATFORM DETAILS
A44	CONSTRUCTION DETAILS
A-5.0	CONSTRUCTION DETAILS
	ANTENNA GWEEP TEST
RF-2	ANTENNA SECTOR LAYOUT & COAX COLOR CODING
E-1	UTILITY PLAN & DETAILS
E-2	ELECTRICAL/TELCO DETAILS
E-2.1	POWER ONE-LINE DIAGRAM
E-3	SCHEMATIC GROUNDING PLAN



LEGAL DESCRIPTION

SEE C-1 FOR LEGAL DESCRIPTION

E-3.1 GROUNDING DETAILS

E-3.2 GROUNDING DETAILS & NOTES

UTILITIES

POWER COMPANY: PH: (800) 542-6818

TELCO COMPANY: PH: (603) 843-1001

INVITE BEDISOND ROME, BUTTE 310 WOODRIVILLE, VIA 94072 PHONE: 428-467-1732 PAX 428-467-1734 TWO CHESTON CHESTON

PROJECT INSO:

SHERWOOD SOUTH

15288 SW DIVISION STREET SHERWOOD, OR 97140 WASHINGTON COUNTY

90% PCD'S

REVEDATE: DESCRIPTION BY CK

07-26-10 ISSUED FOR 90% 08-04-10 CD'S FOR CLIENT REVIEW DRAWK BY: CRK: APV:

OWM OWM OURRENT ISSUE DATE:

07-26-10



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RAWING TITLE:

TITLE SHEET

DRAWING NUMBER:=

CELJOB NUMBER 10-69007

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- ALL WORK PERFORMED ON THE PROJECT AND INITIFILES RESIDERED EMML BE IN BIRCY ACCORDANCE WITH ALL PRICEMBLE COSES, RESILATIONS, AND ORDINANCES, CONTINCIONS BANK ON THE LAWS, CREEKE OF ANY PRICE. ORDINANCES, CONTINCIONS BANK ON THE LAWS, CREEKE OF ANY PRICE. ALTHOUSTY, MUNICIPAL AND STREET, COMPANY SPECUPICATIONS, AND COOM, AND STREET, AMERICAN, COSES SHANDED ON THE PRICE PROJECT OF ANY PRICE. STREET, AMERICAN, COSES, COS
- ORDERINA, CONTRACTOR BENLL PROVIDE, AT THE PROJECT WITH, A FULL DECOFFICIENT OF THE PROJECT WITH A FULL DECOFFICIENT OF THE WASHINGTON OF THE PROVIDED WITH THE LATEST REVISIONS AND ACCOUNT OF LAURENCEASTER OF THE UNIT OF THE LATEST REVISIONS FOR LAURENCEASTER OF THE LATEST REVISION OF THE LATEST REVISION OF THE PROJECT OF THE LATEST REVISION OF THE LATEST REV
- THE STRUCTURAL COMPONENTS OF ADJACENT CONSTRUCTION OR FACILITIES ARE NOT TO BE ALTERED BY THE CONSTRUCTION PROJECT UNLESS NOTED OTHERWISE
- BEAL ALL PENETRATIONS THROUGH FIRE-HATED MICAS WITH U.L. LISTED ON FIRE MARCHALL APPROVED MAT: HALE IF APPLICABLE TO THIS FACE ITY AND ON PROJECT
- CONTRACYOR TO PROVIDE A PORTABLE PIRE EXTINUIBEDE WITH A RATING OF NOT LESS TRAN 2-A OR 3-A 108E WITHIN 16 FORT TRAVEL DISTANCE TO ALL PORTIONS OF PROJECT AREA DURING CONSTRUCTION
- CONTRACTOR SHALL MAKE NECESSARY PROVIDED IN TO PROTECT EXISTING MEMORY SHALL SHALL SHALL CONSTRUCTION UNDER CONSTRUCTION OF FORM, CONTRACTOR SHALL REPARK ANY COMMITTED OF THE CONSTRUCTION SHALL SHAL
- 12. CONTRACTOR BOOLL KEEP CEREARL WORK AREA CLEAN AND INCLARD FREE DURING CONSTRUCTION AND DESPOISE OF ALL DRIFT, CREIMS, AND RUBBERS, CONTRACTOR MANU, RESPONSE TO REPORT FOR THE PROPERTY OR THE WASHINGTON CHIEF REPORTED FOR THE WASHINGTON CHIEF REPORT PART FOR DURING, OR AND DUDGED OR ANY SHOULD GENERAL PROPERTY OF THE PROPERTY OF
- THE CENERAL CONTRACTOR BINAL RECEIVE WRITTEN ANTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STANTING WORLD ANY ITEM NOT CLEAPLY DEFREED BY THE CONSTRUCTION DISAMBLE WRITTEN ANY ITEM NOT CLEAPLY
- 14. THE CONTRACTOR SHALL PERFORM WORK DURING OWNERS PREFERRED HOURS TO AYOD DISTURBING HORILL BUSINESS
- THE CONTRACTOR SHALL PROVIDE ATAT WRITLESS, LLC PROPER INSURANCE CERTIFICATES KNAWN ATAT WRITLESS, LLC AS ADDYORAL SHURED, AND ATAT WRITLESS, LLC AS ADDYORAL SHURED, AND ATAT WRITLESS, LLC PROOF OF LICENSECTIAND PC & PO SECREPANCE.
- 18 CONTRACTOR SHALL BE RESPONSELE FOR ECKEDU, NO AND COORDINATING ALL IMPRECIONS. CAUTHORIC CALL SEPONE YOU GOO, THINKED WILLIAMS ENLIST IN THE AREA AND UTUITY OFF CHILATION INCOME MAY MUST BE COMPLETE. CONTROTT THE GIRL CALL WILLIAM LOCALE SERVICE A MEDIALIS OF 44 HOLDS PRICE TO CONSTRUCTED. DAY AND A
- CONTRACTOR TO BOULARDIT JULI WORK PERFORMED WITH PROTOCRUPHS AND MUDIC TO ATAT WATELESS, LLO ALONG WITH REDLINED CONSTRUCTION SET
- CONTRACTOR TO DOCUMENT ALL CHARGES MADE IN THE FELD BY MARGING UP PATOLISHING THE APPROVED CONSTRUCTION SET AND SUBMITTING THE REDUNED INFO TO ATTY WHELTER LEED UPON COMPATION.
- FOR COLLOCATION WITER, CONTACT TOWER OWNER REPRESENTATIVE FOR PARTICIPATION IN RELYMENT
- GENERAL CONTRACTOR IN TO COGRIDIATE ALL POWER INSTALLATION WITH POWER COMPANY AS RECURRED. CONTRACTOR TO REPORT POWER INSTALLATION COURSIANTON SOLUTION TO METWORK CARREET REPRESENTATIVE, PROJECT CONSTRUCTION MANAGER AND APCRIFECT
- ANY BURSTITUTIONS OF NATERIALS AND/OR EQUIPMENT, MUST BE APPROVED BY ATEX CONSTRUCTION MANAGER
- IN THE CAUGE OF ROOT TO THE SULLET CASE FOR FLOWERLY FUNDOM INSTITUTE WARRANT FOR THE SULLET CASE FOR THE
- IN THE CASE OF BOOTH OF ACCURAGE WITH THE INSTALLATION OF ANTERMAS WITHIN CONCLUSION THE DOTTON ACCURAGE WITH THE INSTALLATION OF ANTERMAS WITHIN CONCLUSION THE CONCLUSION

GENERAL NOTES (CONT'D):

- SI IN LEGALS O ELECTION S'ELLIPSIA FOI ELECTRICAT ANCIA APPENIA PALACE HOMBO ANCIENTA PALACE HOMBO ANCIENTE DE LOS ANTIS E ELECTRICATOR S'ELLIPSIA CONTINUE PROPERTIES CONTINUED PROPERTIES CONTINUED
- CEMERAL & SUD CONTRACTORS SHALL USE STANLESS STEEL METAL LOCKING THE FOR ALL CAME TRAY THE COWNS AND ALL CHUES OFMERAL THE COWNS HOMER SHALL SHEEL PRIMITIES FOR ME OF ALT FROM THE MEMBER SHALL SHEEL PRIMITIES FOR ME OF ALT FROM THE RECOUNT AND ALL CHOCK LIMANIACATING SHALL SHEET SHALL SHEET SHOULD SHALL SHEEL SHEET SHOULD SHALL SHEET SHOULD SHALL SHEET SHEET SHOULD SHALL SHEET SHEE

DESIGN CRITERIA:

- THE STRUCTURE, DESIGN OF THIS PROJECT IS IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE SHOW WITH REGION STATE BUILDING CODE AND REMEMBER 1990 BIG
- DESIGN LOADS: DESIGN DATA FOR WASHINGTON COUNTY, OR: -ROOF SNOW LOAD -IMNED EXPOSURE

STRUCTURAL STEEL NOTES:

- BHOP DRAWINGS FOR STRUCTURAL STEEL SHALL DE AUBMITTED TO THE CONSULTANT FOR NEWBOY PRIOR TO SABRICATION
- STREETHEAL STREET SHALL CONFORM TO THE FOLLOWING RECOMPLICATION
- TYPE OF MENNER
- A WIDE FLANCE CHAPE

 DOTHER BRAPE, PLATES AND ROD

 D. STRUCTURAL TUBRIC

 E. ANCHOR BOLTS

 F. DONNECTION BOLTS

- ALL MATERIAL TO BE NOT CHIEF OR ANAMEDED AFTER FARMINATION FOR A 120 M (2016) 00.
- ALL INLEXESS SINGLES HIS CONFORMANCE WITH ALEA JANG ARRIVANABLE AND SPALL BE PERFORMED BY MA, BO CRETIFIED WILLDES LABOR THE MELTINGS ONLY PROCESSING THE STATE AND ADDRESS OF THE STATE AND ALL BE LEGAL PROCESSING THE STATE AND ADDRESS OF THE STATE ADDRESS OF THE STATE AND ADDRESS OF THE STATE ADDRESS OF THE STATE AND ADDRESS OF THE STATE ADDRESS OF THE ST
- COLD-PORTIGO STEEL, FRANCIO MENIOTRE RIVALL BE OF THE BHAPE, SIZE, AND GROSS SHOWN ON THE PLANK, PROVIDE MARKET SECTION PROPERTIES RECEATED, MLL COLD FOREIT THE PROVIDED THE SECTION OF THE PRACTICATION FOR THE SECTION OF COLD PORTICES FROM THE SECTION OF COLD PORTICES SECTION OF COLD FOR THE SECTION OF COLD FOR MICE SEC
- BOLTED CONNECTION B SHALL USE BEARNIG TYPE ASTM ASSE BOLTB (SH" DIAJAND SHALL NAVE AMNUALN OF THIS BOLTS WILLESS HOTED OTHERWISE
- MON-STRUCTURAL CONNECTIONS FOR STEEL GRATINO MAY LIKE BY DIA ASTIN ASSY BOLTS UNLESS NOTED OTHERWISE.
- ALL BIBBL WORK SHALL BE PAINTED IN ACCORDANCE WITH THE DISSION A CONSTRUCTION SPECIFICATION AND IN ACCORDANCE WITH ASTM ASS UNLESS NOTED STREAMING.
- 19 ALL WELDS TO BE 114" PILLET UNLESS HOTED OTHERWISE.
- 11 TOUGH UP ALL FIELD DRILLING AND WELDING WITH 2 GOATS OF GALVACON (SINCIPICAL PLANT) OF ADDROVAD POPULA

TOWER/POLE NOTES:

- VERTHORITION THAT THE PROPOSED TOMER/POLE CAN PUPPORT THE PROPOSED ANTENNA LOADONG IS TO BE DONE BY OTHERS.
- PROVIDE SUPPORTS FOR THE ANTENNA GOAX CASLES TO THE ELEVATION OF ALL BITTAL AND FITTINGS ANTENNAS ANTENNA COAX CASLES AND TO BE SUPPORTED AND RESTRANGO AT THE CENTERS SHOULD BE SUPPORTED AND RESTRANGO AT THE CENTERS SHOULD BE SUPPORTED AND RESTRANGO AT THE CENTERS SHOULD BE SUPPORTED.

AT&T CONDITIONS OF APPROVAL:

- 1. COMPLIANCE WITH THE CONDITIONS OF APPROVAL IS THE RESPONSIBILITY OF THE DEVELOPER
- THE LAND USE APPROVAL SHALL SUBSTANTIALLY COMPLY THTH THE SUSMETTED PRELIMBARY SATE PLANS DATED TEERWARY 2, 2017 AND PREPARED BY EXCEPT AS MODIFIED IN THE COMMITTIES SPECIFIED BY THE DECIMENT
- THE DEVELOPER IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH PRIVATE AND PURLIC
- UNLESS SPECIFICALLY EXEMPTED IN WINTING BY THE FINAL DECISION. THE DEVELOPMENT SHALL COUNTY WITH ALL APPLICABLE CITY OF SHERWOOD AND OTHER APPLICABLE ASSECT CODES AND STANDARD DECISION BY MODERNE HERBERY.
- ADDITIONAL DEVELOPMENT OR CHARGE OF USE WILL REGUIRE A NEW DEVELOPMENT APPLICATION AND APPROVAL.
- THE CELLBLAR PACILITY APPROVED BY THE APPLICATION BHALL SE DEFRATED BO THAT IT DOES NOT IMPEDIC INFOAR, OR REQAINELY IMPACT THE COMMUNICATION ABILITIES OF ANY PUBLIC GAZETY OR EMPOSINCY RESPONDE ORGANIZATION BERVING THE PUBLIC WITHEN THE CITY'S JURISDICTIONAL LIMITS
- ST ANY TRESS ARE TO BE REMOVED, RUBBET AN ARRENKETS REPORT AND SITERATION PLANTO CHAPPER NOW ARTO

CONCRETE NOTES:

- ALL CONCRETE COMBTRUCTION SHALL BE IN ACCORDANCE WITH ACLOSE
- 2. CONCRETE SHALL BE ADRED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH CHAPTER 19 OF THE 2006 IBC. BETRENGTHS AT 28 DAYS AND MIX CRITERIA SHALL

TY	re or construction	20 DAY JUTELENGTHS (Tc)	W/D RATIO	AMERICA CELIENT CONTENT
٨	SLABS ON GRADE			PIER CUSIC YARO
	TOPPING SLASS CONCRETE PIERS	2,400 PSI	≤ 48	
	ALL STRUCTURAL CONCRETE EXCEPT WALLS	4,000 P8N	4.45	I 1/2 BACKS
Ċ	CONCRETE WALLE	4.000 PSF	≤ 48	# 14 SACHS
	MANAGEMENT BY ARREST CARE BOOK	HAND CONCRET TYPE BUS	10	

- THE UNIVERSAL CONTRACTOR SHALL SUPERVISE AND BE RESPONSIFE FOR THE SETHODS AND PROCEDURES OF CONCRETE PLACEMENT
- ALL CONCRETE WITH BURPACES EXPOSED TO STANDING WATER JUAKL, BE ARLENTRABED WITH AN ARCENTRABED WORD AN ARCENTRABED AND ACCORDANCE WITH TOTAL ARC CONTRIBUT SHALL BE IN ACCORDANCE WITH TABLE 1901-21 OF THE BOORD AND STANDING WITH TABLE 1901-21 OF T
- RESERVATION OF THE LIBERT CORPORATION AND ARREST MACHINES THEFT EXECUTION OF THE PERSON. THE PERSON OF THE PERSON
- RESPONDING WITH ALL SISTEMAL BIS DETAILED (NICLUSING HOORS AND BEAUTY) M
 ACCORDINACE WITH ACT SISTAND SIST. LAPALE, CENTINATURE BISTANCESSIATI AT LEAST
 CONTROL INTERPRETATION LAPACEMENT BASES AT LEAST SHARE DANACEMENT ALL LAPACEMENT BASES AND LABACEMENT SHARE DANACEMENT BASES AND LABACEMENT BASES AND L
- WELDED WINE FARME SHULL CONFORM TO ARTM A U.S.
- 8 SPIRAL RESIFORCEMENT SHALL BE PLAN WIRE CONFORMING TO ASTM ASIS, GRADE SO, 5=80,050 PSL
- 9 HO BARB PARTIALLY EMBEDCED IN HARDENED CONCRETE SHALL SE RELD SHIT UNLESS SPECIFICIALLY SO DETAILED ON APPROVED BY THE CONDUCTANT.
- ID CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS
 - FOOTHIGS AND OTHER UNFORMED SURFACES. EARTH FACE FORLIED SURFACES EXPOSED TO EARTH OR WEATHER (no BARR OR LARGER) 2"
- BLARK AND WALLS (INTERIOR FACE) BAILS SHALL BE SUFFORMED ON CHAIRS OR DOOR SHICKS
- 12. ANCHOR BOXTE TO COMPORE TO ASSISTANCE
- 13 NON-SHRIPK GROUT SHALL BE FURNISHED BY AN APPROVED MANUFACTURER AND SHALL BE MOSED AND PLACED IN BITRICT ACCORDANCE WITH THE MANUFACTURER'S PROBLED RECOMMENDATIONS. GROUT STREMOTH GNALL BE AT LEAST EQUAL TO THE MATERIAL ON WHICH IT IS PLACED (2,000 PS) MINIMUM.
- ALL EXPANSION ANCHORS TO BE HILTI SHAND ASPESIVE ANCHORS RECIDES TESTING TO CONFIRM CAPACITY MAKES WAVED BY ENGINEER. ABBREVIATED ROOF TOP SAFETY PROCEDURES (WHEN APPLICABLE):

(AS PER "ACCESSAT PROVENTION PROGRAM" - BY PERMISSION OF WIREN CONSTRUCTION.

FALL PROTECTION METHODS AND ECURPMENT

- FOR WORK IS BOND PERFORMED VIRTHIN 20 OF AN UNIFICATE DISCRIPTION OF BODS.
 THE CONSTRUCTION SUPERIORS ABOLL DESIGNATE A TRANSIC BAPETY MONITOR
 TO OBSERVE THE MOVEMENTS AND ACTIVITIES OF THE CONSTRUCTION
 TO OBSERVE THE MOVEMENTS AND ACTIVITIES OF THE CONSTRUCTION
- RAPETY MONOTOR RHALL WARN CONSTRUCTION Y/ORKERS OF HAZARDS (I.E., SACAND UP TOWARD A ROOF EDGE, ETG.) OR UNBAPE ADTIVITES. THE RAPETY MONITOR BUST SE OF THE BANK ROOF AND WITHIN VISUAL AND VERBAL DISTANCE OF THE CONSTRUCTION WORKERS
- CONSTRUCTION INVOLVING WORKERS TO APPROACH WITHIN IT OR LET'S OF AN UNPROTECTED ROOF EDING REQUIRES WORKERS TO USE SAFETY LINE.
- capety dimegral, be minimum wedshieter nylon, with a momenal tensile attribute of 6400 bis.
- SAPETY LINE SHALL BE ATTACHED TO A SUBSTANTIAL MEMBER OF THE
- SAFETY LINE LENGTH SHALL BE SET ALLOWING CONSTRUCTION WORKER TO REACH EDGE OF ROOF, BUT NOT INFOND.
- SAFETY SELTS SHALL SE WORKEY MA CONSTRUCTION WORKERS
- MONTHLY SAFETY INSPECTION AND MAINTENANCE OF THE PAIL PROTECTION EQUIPMENT MAILL DOCUMENT THE AFETY COMMITTEE REPRESENTATIVES BYCLUMING.

THEFECTION OF CONSTRUCTION AREA FOR HAZARDS LIBS OF AN INSPECTION CHECKLIST INTERVENING CONFORCERS REGARDING BAFETY CONCERNS REPORTING AND DOCUMENTION ANY MAZARDS REPORTING MAZARDS TO THE SMEETY CONSTITUTE FOR CONSIDERATION REPORTING INAXABLES TO THE BAPE IT COMMUNICE CATEGORISMS
POSTING RESULTS OF INSPECTION AND ANY ACTION YAOLIN
RECEIVED AN UNBASED REVIEW OF ONES OWN WORK AREA BY ANOTHER
COMMUNICER SUFFERNMENTATIVE

REFERENCED DISON RECOLLATIONNET FANDANCE EMALL REFREVENTED BY TOMPRESENCE
EGUIPMENT RESTALLERS, AND TOMPRISON TOP COMPRISONDREQUESTRACTIONS
20 CPR 1958 DISON COUNTY PROFAMOLY AND DETERMINENT
10 CPR 1958 DISON COUNTY TO HAVE TALL PROTECTION
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SYMBOLS AND ARRESVIATIONS

A/C	AIR CONDITIONING	1.88	POUNDS
AGL.	ABOVE FINSK GRADE	MAK	BURKERULA
APPROX	APPROXIMATELY	LINECH	LIECHANICAL.
		ATTA.	METAL.
PLDG	BUILDING	MER	LIANUFACTURE
auk	BLOCKING	N/OFF	LIANADER
		TEM	MUMMILL
CLG	CEITING	III/JEC	ATTRICECLANGUES
CLR	CLEAR		
CONC	CONCRETE	NA.	NOT APPLICABLE
CONST	COMMITMUCTION	ANG	NOT IN CONTRACT
CONT	OCENTI-RUGUES	нтв	NOT TO BCALE
DBL	DOUBLE	DG.	ON CENTER
DIA	DAMETER	00	OUTSIDE DIAMETER
DAM	DIAGRANAL		
DM	DOWN	PLYMO	PLYNDOD
361,	DETAIL	PROJ	PROJECT
DW/O	URAWRO	PROP	PROPERTY
		es.i	PRESELIRE TREATED
IA .	EACH	Alto	REGURSED
ELEV	ELEVATION	RM	ROOM
TEC	ELECTRICAL	RO	ROUGH OPENING
EQUEP LOUE	ECHAL ECHAL	EHT	CHEET
	ECUMPACHY	584	SMEAR
EXT	EXTRACTA	SPEG.	SPECIFICATION
PIM	FINAN	BF	SQUARE FOOT
ILLIOR	PLUODESCENT	- 1	STAINLESS STEEL
EDUK EDI	FLOOR	3TL	STREL
7	FOOT	STRUCT	RTRUKETURAL
-1	1001	STD STD	EILID
DA .	GAUGE	SUSP	BURFENDED
TALV	BALVANIZED	ana,	acarznoup
BO .	GENERAL CONTRACTOR	THRU	THROUGH
BRND	GROUND	TAING	TIMNED
GIYP BD	CIYPEUM WALL BOARD	TYP	TYPICAL
HORZ	HORIZONTAL	UNO	UNILERS NOTED
KD	HOUR		OTHERWISE
ит	HEIGHT		
HVAC	HEATING	VENT	VERTICAL.
	VENTRATION	WE	VERIFY OF FIELD
	AIR CONDITIONNO		
		100	WITH
D	HISIDE DIAMETER	WO	WITHOUT
N	INCH	WP	WATER PROOF
NFD	INFORMATION		
NWL	INBULATION		
NT	INTERIOR		

BANKTDIMO DODIE	
	TELEPHONE POWER GROWN PARE GRANAL GABLE
+	AMBINA
€	CENTERLINE
(E)	EXCETING
(4)	DETAIL HUMBER SHEET HUMBER

SPECIAL INSPECTIONS:

SPECIAL INSPECTIONS IN ACCORDANCE WITH IBC 2008 SECTION 1704.

SOILS/GEOTECHNICAL: OBSERVE AND MONITOR EXCAVATION
OVERFY BOIL BEARING
SUBSURFACE DRAINAGE PLACEMENT
OVERFY FILL MATERIAL AND COMP ACTION
OVERFY CONDITIONS AS ANYOPERTY OVERIFY CONDITIONS AS ANTICIPATED

DPILE PLACEMENT (AUGER CAST/DRIVEN PILE)

OTHER

REINFORCED CONCRETE:

MREINFORCING SYEEL AND CONCRETE PLACEMENT

DIRESTRESSEDIPRECAST CONCRETE FASRICATION AND ERECTION

DIRECTLY PLANT INSPECTION

DISHOTORIFIE

DISHOUTING

DIOTHER

STRUCTURAL STEEL:

DEFABRICATION AND SNOP WELDS

BERECTION AND FIELD WELDS AND BOLTING

DOTHER

STRUCTURAL MASONRY: EJCONTINUOUS EPERIODIC

ANCHORING TO CONCRETE:

BIBOLTS INSTALLED IN CONCRETE

IPOST-INSTALLATION ADMESTIVE ANCHORS

IPOST-INSTALLATION MECHANICAL ANCHORS





PLANS PREPARED BY: COMMEMBYONE

18625 WOODINGS UF-REDWOND FOR RESULTS 210 WOCKENVILLE, WA 98072 PHONS 425 487 1732 FAK 425 487 1734 WWW.COMMERSION, ENGR.COM

PROJECT MEO:

SHERWOOD SOUTH

15286 SW DIVISION STREET BHERWOOD, OR 97140 WASHINGTON COUNTY

ISSUED FOR

90% PCD'S REVEDATE TOESCRIPTION TO BY THE CK-07-28-10 ISSUED FOR 90% 08-04-10 CO'S FOR CLIENT AJB MWO DRAWN BY: CHK: APV:

CURRENT ISSUE DATE: 07-26-10

AIB



MWO MWO

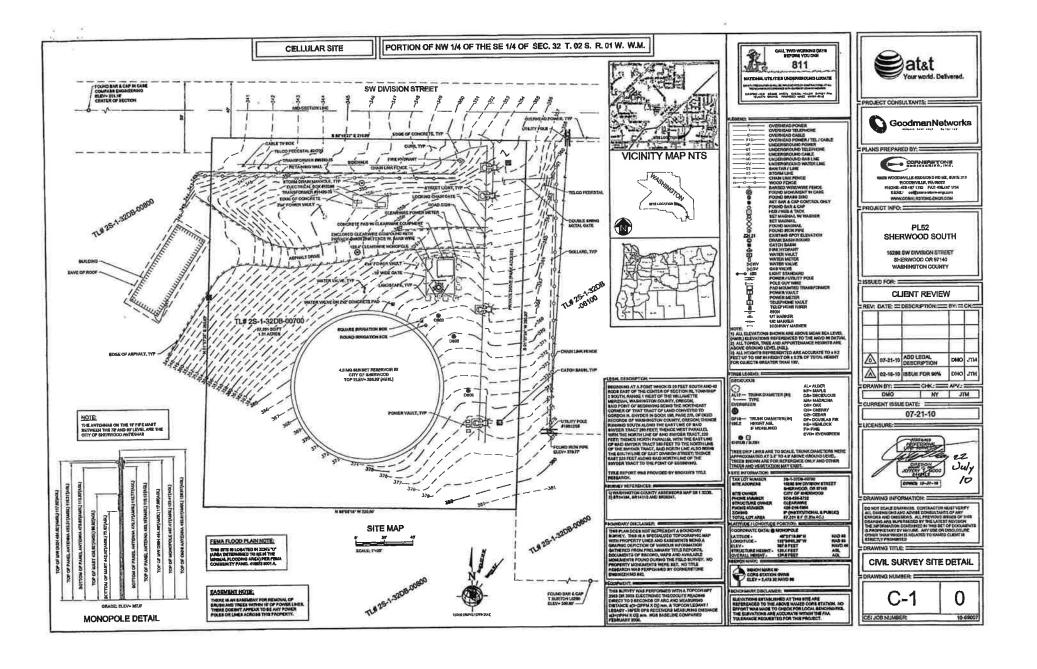
DO NOT SCALE DRAWINGS. CONTRACTOR SUST VERIFY ALL DISEMBORIS AND ADVISE CONSILTANTS OF ANY ALL DISSINGUES AND ADVISE CONFECTANTS OF ANY ERRORS AND OMESIONS. ALL PREVIOUS ESSENCE OF THE DISSINGUES AND ASSESSED BY THE LATER REVISION. THE BY COMMITTED CONTAINED IN THIS EET OF DISCUSSION IS PROPRECIANT REVISITING. ANY USE OF DISCUSSION OTHER YOAK WOOLN'S RELATED TO HAMED CLIENT IS. ETIBLILLY PROMISTED.

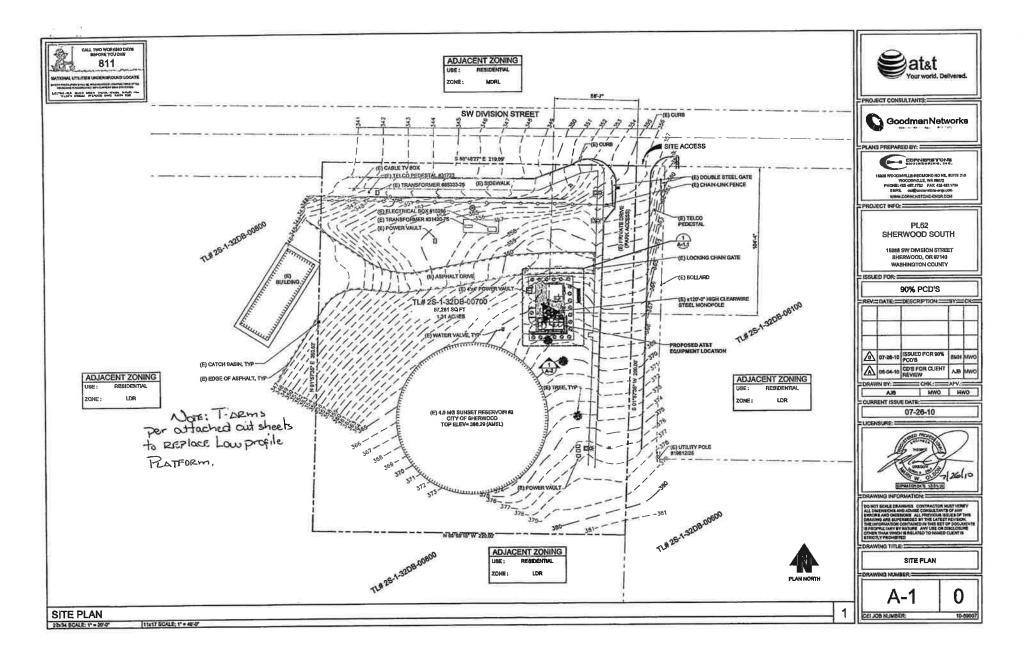
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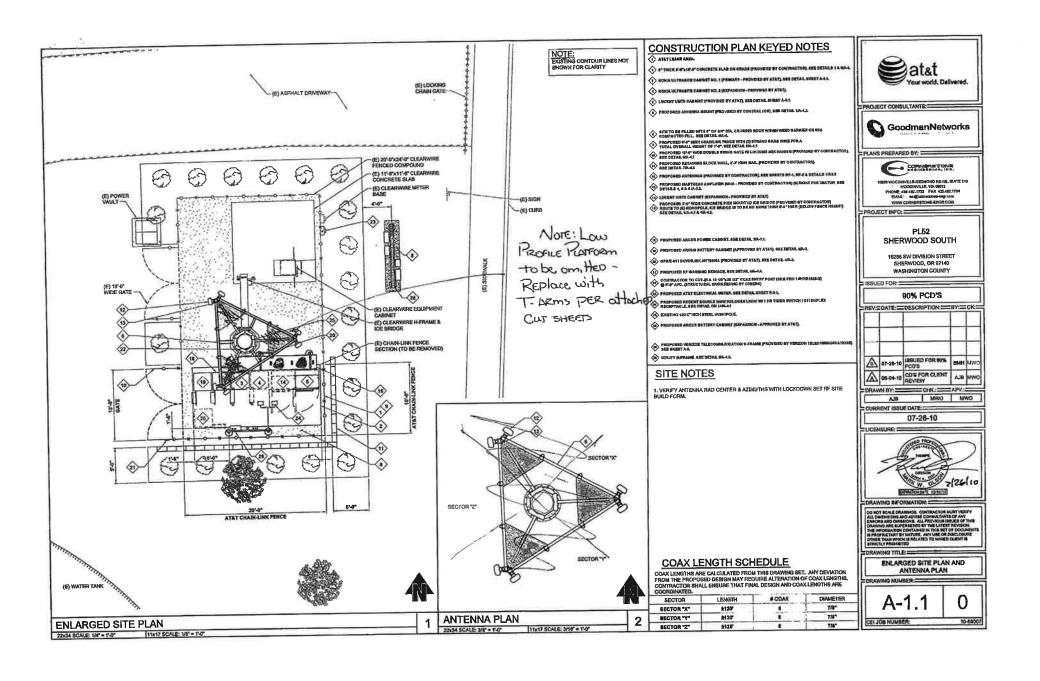
GENERAL NOTES

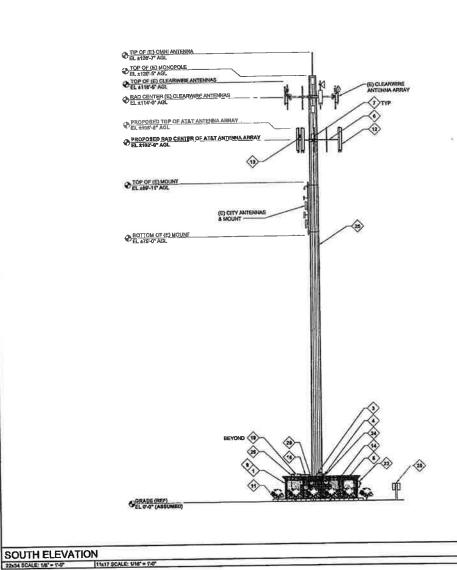
DRAWING NUMBER: G-1 0

CEI JOB NUMBER: 10-59007









CONSTRUCTION PLAN KEYED NOTES

- NOME OF TARTHE CHEMIS NO. 1 OF SHIPS PROVIDED BY STRIP, SHE DETAIL SHEET A D.S.
- NONA ULTRASITE GARMET NO. 2 (EXPANSION PROVIDED BY ATAT).
- LUCTRY UNITS CARRIET (PROVIDED BY ATES), SHE DESAR, SHEET A-EA,
- THO POSED ANTENNA MOUNT (PROVIDED BY CONTRACTOR), SEE DETAC. SAL43:
- (E) COAK PORT VENEY LOCATION IN FIELD.
- PROPOSED 5'-9" HIGH CHARLES PRINCE WITH DISTRAND BARB WIREFOR A TOTAL SYSRALL HEIGHT OF F-9", SISS DETAIL 68-4.1
- $\ensuremath{\Phi}$ proposed retained block wall, 3-3- high max. [Provided by Contrastibilities out all ya-4.2
- (a) PROPERTO ANTENNAS (PROVIDES ET CONTRACTOR), SUE SHEETS W-1, NF-1 & DETAKS UM X

- PHOPOSED ARGUS FOWEN CARNET, RESTRETAR, 108-15.
- PROPOSED ARGUS BATTERY CAROLLY DIFFROVED BY ATLY, SEE DEEAL SAG.
- PROPOSED ATET SLECTNICAL MATER, SHE DATAL SHEET MALL
- PROPOSED REMEMBER DOLDALE SAME KALOGEN LIGHT WITH HE TENER STATCH JOST DUPLEX RECEPTACIES SEE DETAIL OF 100-43
- (A) EXERTING 1207-OF HIGH STEEL MONOPOLIS
- PROPORED ANGER BATTERY CABINET (EXPANSION APPROVED BY ATRIT.
- OTILITY H-FRAME. SHE DETAIL 65.42

SITE NOTES

1. VERIFY ANTENNA RAD CENTER & AZIMUTHS WITH LOCKDOWN SET RF SITE BUILD FORM.



PROJECT CONSULTANTS:



PLANS PREPARED BY:



PROJECT INFO:

PL52 SHERWOOD SOUTH

16286 SW DIVISION STREET SHERWOOD, OR 97140

ISSUED FOR:

90% PCD'S

_		IBSUED FOR 90%		
207	07-28-10	PCD/S	8564	MWO
	06-04-10	CD'S FOR CLIENT REVIEW	AJB	MWO

MWO MWO Alti

CURRENT ISSUE DATE:

07-26-10



DOWNE THE

SOUTH ELEVATION

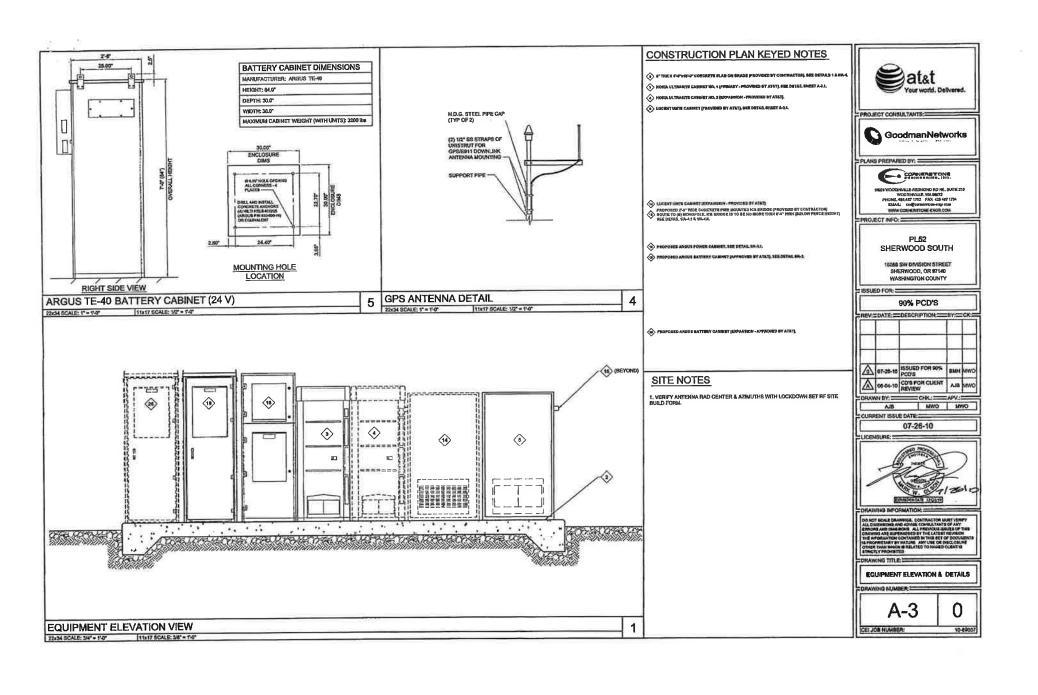
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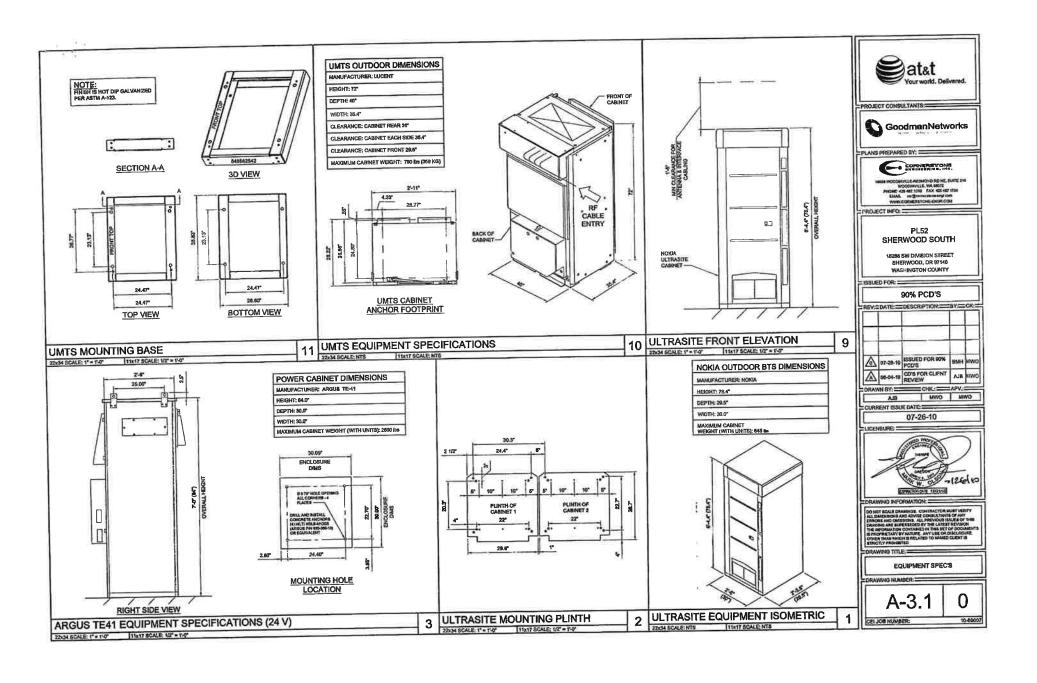
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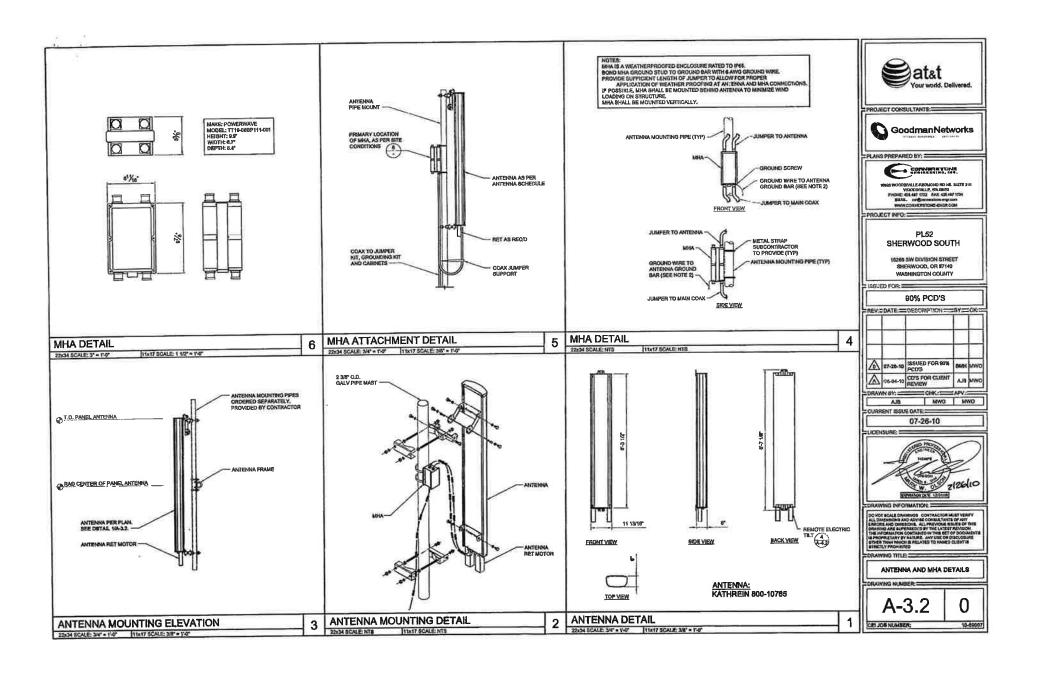
COAX LENGTH SCHEDULE

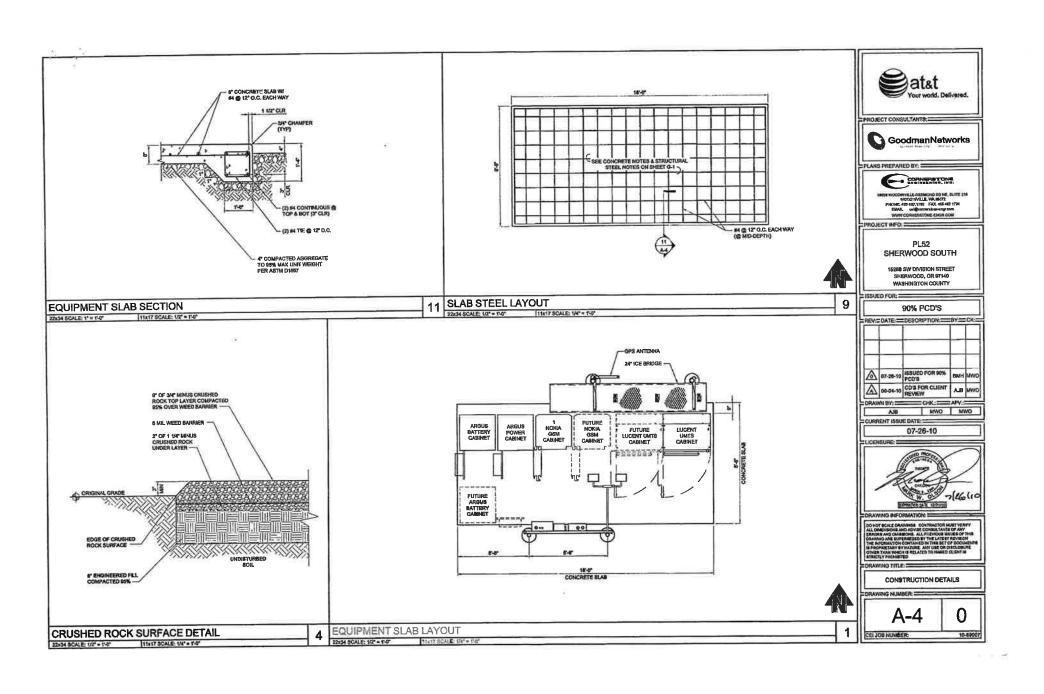
COAX LENGTHS ARE CALCULATED FROM THIS DRAWING SET. ANY DEVATION FROM THE PROPOSED DESIGN MAY REQUIRE ALTERATION OF COAX LENGTHS. CONTRACTOR SHALL ENSURE THAT FRAIL DESIGN AND COAX LENGTHS ARE

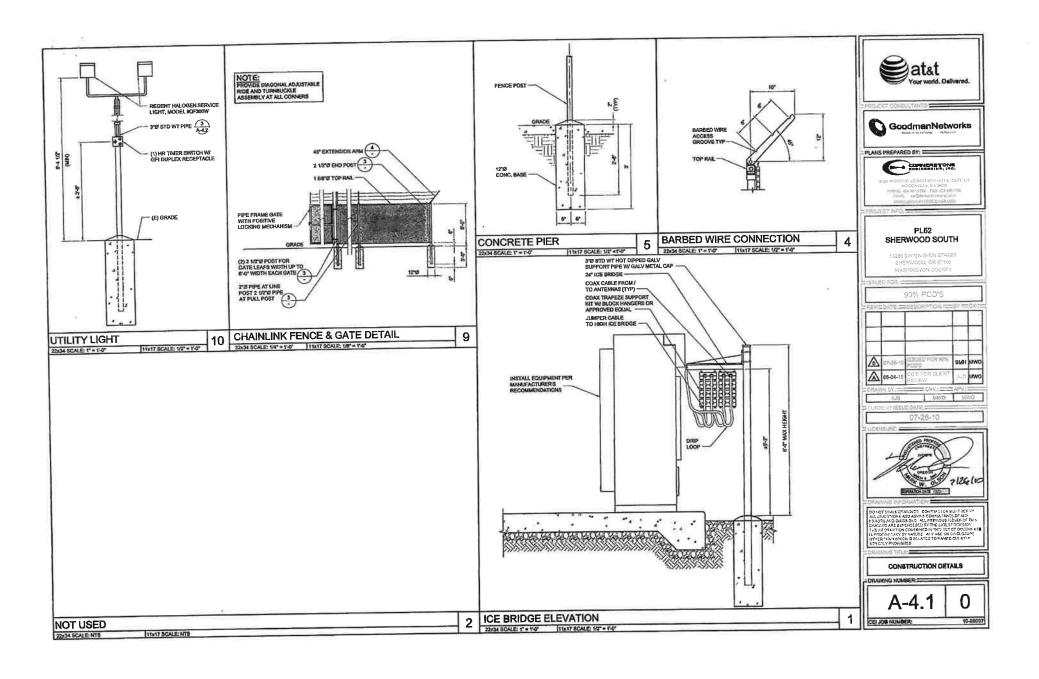
-	SECTOR LENGTH		# COAX	DIAMETER
4	SECTOR "X"	±120°	•	7/2"
ı	BECTOR "Y"	±120'		7/5"
-	SECTOR "Z"	2120		7/6"

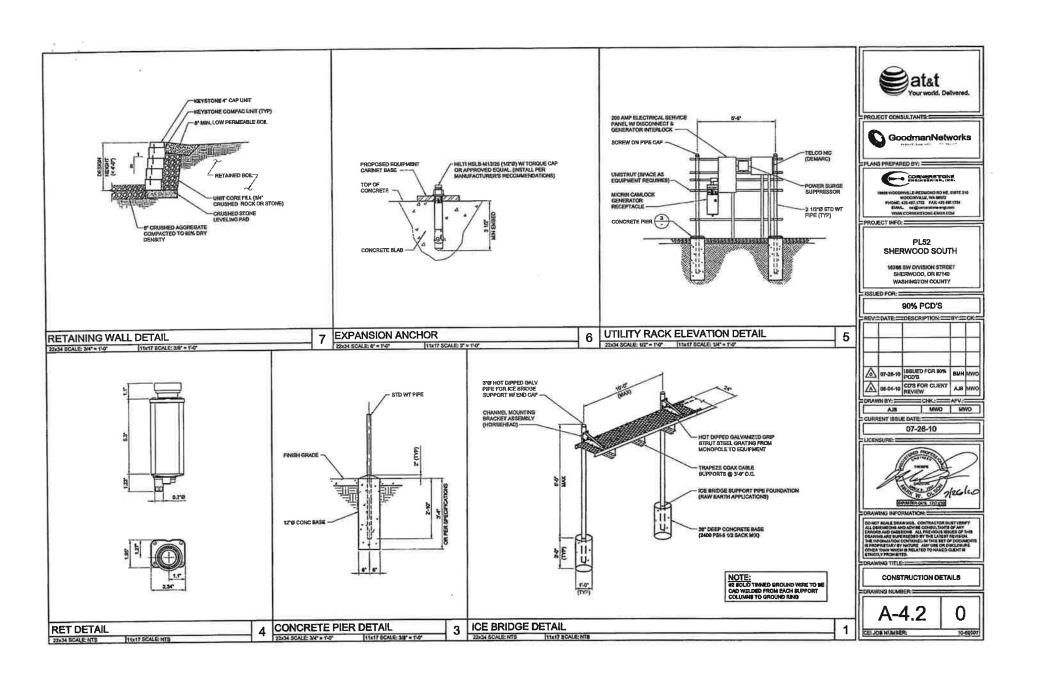


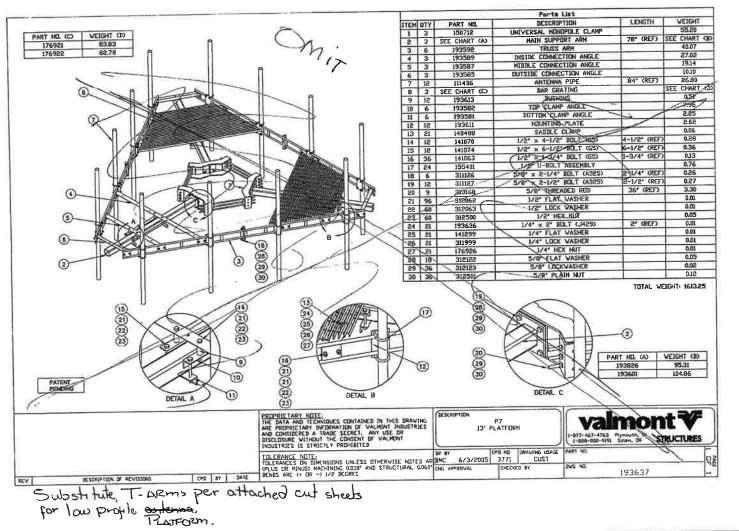


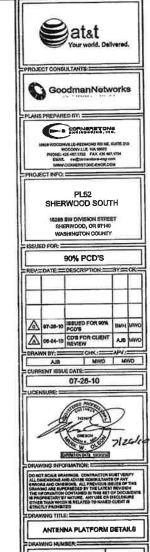












CETJOS NUMBER:

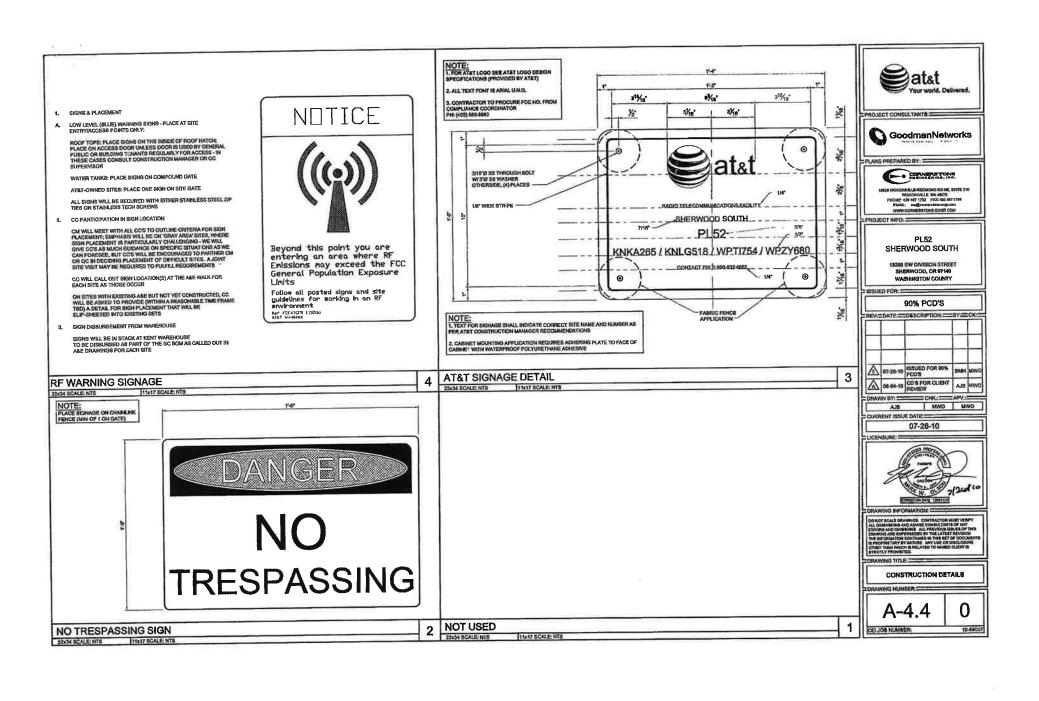
A-4.3

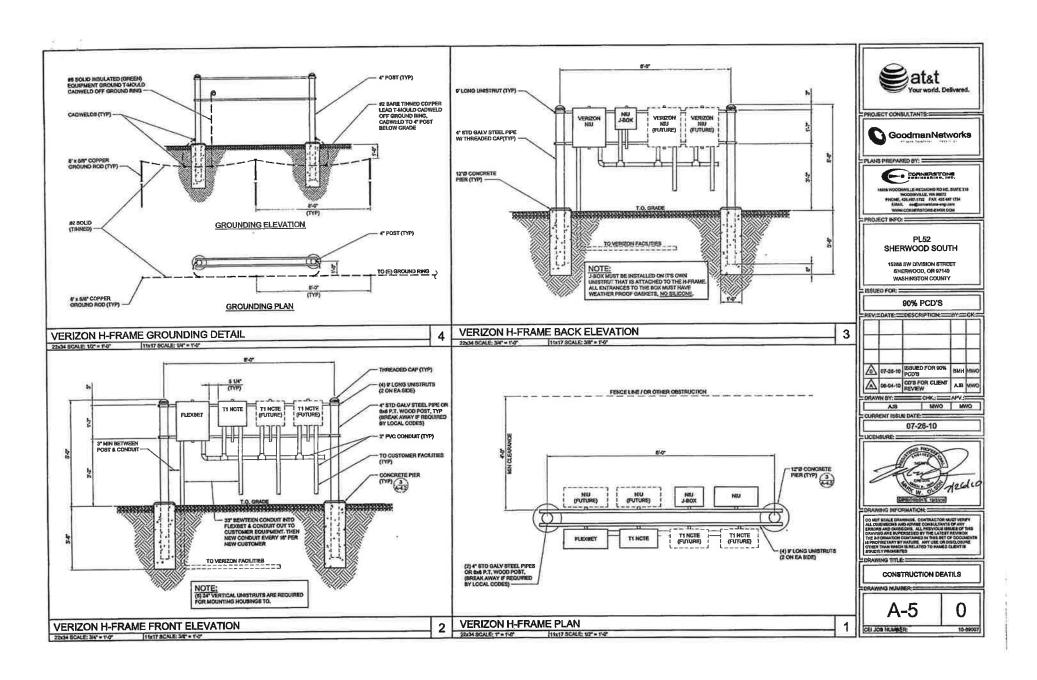
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VALMONT-MICROFLECT 13' ANTENNA PLATFORM DETAILS

22x34 SCALE NTS

111x17 SCALE: NTS





SWEEP TEST REQUIREMENTS:

AYAT WIRELESS

BEATTLE, WA. ANTENNA AND TRANSMISSION LINE TEST REQUIREMENTS

REQUIRED EQUIPMENT

(1) WILTROMANRITSU SHE WASTER STUTATUC OR EQUINALENT

(1) WILTROMANRITOU SHIE MASTER SIZEANUC OR BOUR (5) OPEN, BHORT, LOAD (1) DHI FEMALE TO N TYPE MALE ADAPTER (LOW LOSS) (3) DHI MALE TO N TYPE MALE ADAPTER (LOW LOSS) (3) DHI FEMALE TO DHI FEMALE ADAPTER (LOW LOSS)

FREQUENCIES TO BE USED.

PCS FREQUENCY BAND 1865MHZ-1990MHZ

TRANSMIT FREQUENCY 1830MHZ-1940MHZ

RECEIVE FREQUENCY 1850M6Z-1860M6Z

TRANSMIRSION LINE AND ANTONIA SYSTEM TEST

(1) INSERTION LOSSICABLE LOSS
(2) ANTERNATRANSANSISION LINE DISTANCE TO FALLT (FL.)
(3) ANTERNA SYSTEM RETURN LOSS
(4) ANTERNA SYSTEM WITH OUPLEKENTIMANTERNA RETURN LOSS
(4) ANTERNA SYSTEM WITH OUPLEKENTIMANTERNA RETURN LOSS ASSION LINE CONTINUITY TEST

INSERTION LOSS
THIS TEST WILL MEASURE THE CABLE LOSS OF THE TRANSMISSION LINE AND JUMPERS BETWEEN THE CABINET AND ANTENNA, TEST FREQUENCIES: F1=1850 F2=1990

- ENTER THE FREQUENCIES TO SE USED IN F1 AND F2.
- PNE CALBRATE TEST EQUIPMENT.

 CONNECT THE TWO JUMPERS GOING TO THE ANTENNA (BYPASS TIMA) AND THE CABINET (BYPASS DUPLEXER) USING THE DIN (F) TO
- THAN AND THE CABINET (RYPASS DUPLEMENT) USING THE UNITY IN ON INFO CONNECT AS THE GIVEN OF THE LAST JUMPER SEFCRE CONNECT A SHORT AT THE UNION TEST. THE SEFCRE THE ANTENNA OF THE LAST TAX JUMPER SEFCRE CHELL OWNED) BEFORE THE CABINET, OF THE LAST TAX JUMPER CHELL OWNED, BEFORE THE CABINET, OF THE LAST TAX JUMPER CHELL OWNED, THE CONNECT THE RX JUMPER CHELL OWNED, TO SHOP THE CONNECT THE RX JUMPER CHELL OWNED, TO SHOP THE CONNECT THE RX JUMPER CHELL OWNED SHOP TO THE PAD ANTER.

- OF DISCONNECT TX. SUMPER, THEIR CONNECT THE ROLLAMPER YELLOWING THE ROLLAMPER YELLOWING THE TROLLENGT TO THE LAST RX. JUMPER YELLOWING THE TROLLENGT TO THE LAST RX. JUMPER YELLOWING THE TROLLENGT TO THE LAST RX. JUMPER TO THE CANNEL THE CANNEL TO THE LINE UNDER THE TROLLENGT THE THE LAST THE CANNEL WAS THE THE ROUGH TO. DO THE MANDALLENGTHE TO THE LINE WALLET THEN DOVIDE THYOU. THIS IS THE CANNEL WAS THE THE ROLLENGTH THE MANDAL THE REPEATER THEN A DISTRICT THE CANNEL WAS THE RESTRICT LOSS. THE VALUE SHOULD HAVE BEEFTED A VALUE YEND RESTRICT THE CANNEL WAS REPEATED THE THE RESTRICT TO THE REST. THEN DAVE SWEET TO A NEMBER VICE VALUE OF SWEET DATA SHEET. THEN DAVE SWEET TO A NEMBER VICE VALUE TO THE REST OF THE TRANSMISSION LINES.

ANTENNATION SMISSION LINE DISTANCE TO FAIL TIBLE
THIS TEST IS A PERFORMANCE VERFICATION AND FAILURE AMALYSIS
TOOL FOR THE ANTENNAT TRANSMISSION LINES AND CONNECTORS.
TEST FREQUENCIES: F1-180 F2-1900

- ENTER THE FREQUENCIES TO BE USED IN F1 AND F2.
 PS.-CALIBRATE TEST EQUIPMENT.
 CONNECT THE TWO JUMPERS GOING TO THE ANTENNA (BYPASS
 TMA) AND THE CABINET (BYPASS DUPLEXER) USING THE DIN (F) TO THAN AND THE CARREST BOTHER TO THE ANTENNA (BYTASS DIN A NOT THE CARREST (BYTASS DUPLEMEN) USEND THE DIN (F) TO DIN (F) CONNECTOR IT OF THE ANTENNA TO THE LINE INDER TEST. CONNECT THE ANTENNA TO THE LINE INDER TEST. CONNECT THE TEST ECUMPMENT TO THE LAST IX JUMPER FULLOWING THE TEST. PERFORM MEASUREMENT, VEREY RESULTS WITH STEPS 10 THROUGH IT. DISCONNECT TOX JUMPER THE CONNECT THE RV. JUMPER CONNECT THE TEST DISCONNECT TO THE LINE UNDER TEST. CONNECT THE TEST EQUIPMENT TO THE LAST IX JUMPER (YELLOWINGER) BEFORE THE CARREST, OF THE LINE UNDER TEST, PERFORM MEASUREMENT, VERY PRESULTS WITH STEPS 10 THROUGH 13.

- VERIFY EACH DIN CONNECTOR HAS A RILLESS THEN JEDS, N TYPE

- VEOR. VEHICL TRANSMISSION LINE HAS A RILLESS THEN 4509. VEHICLY THE ANTENNA HAS A RILLESS THEN 1704. RECORD PASSAFALL ON SWEED DATA SHEET, THEN BAVE SWEED TO A MEMORY LOCATION. REPEAT STEPS 1 THROUGH 19 FOR THE REST OF THE ANTENNA'S REPEAT STEPS 1 THROUGH 19 FOR THE REST OF THE ANTENNA'S

ANTENNA SYSTEM RETURN LOSS:
THIS TEST MEASURES THE RLOF THE TRANSMISSION LINE TERMINATING INTO THE ANTENNA WITHOUT THE TMA AND DUPLEKER. TEST FREQUENCIES: F1=1650 F2=1990

- TEST PREQUENCIES: FI-1680 FZ-1680
 ENTER THE PROCLEMENTS TO BE USED IN FI AND FZ.

 RECALIBRATE TEST EQUIPMENT.

 FE. CALIBRATE TEST EQUIPMENT.

 THE CABINET (BYPASS DUPLEXER) USING THE DAYLENSA (BYPASS TIM) AND

 THE CABINET (BYPASS DUPLEXER) USING THE DON (F) TO DIN (F)

 CONNECT THE ANTENNA TO THE LINE UNDER TEST.

 CONNECT THE ANTENNA TO THE LINE UNDER TEST.

 PERFORM MEASUREMENT, VERY RESULTS WITH STEPS 10 THROUGH 13.

 OUSCONNECT TAY JUMPER, THEN CONNECT THE RX JUMPER (YELLOW/REED)

 ONNECT TEST SHOPPING TO DON JUMPER, THEN CONNECT THE RX JUMPER (YELLOW/REED)

 ONNECT TEST AND THE LINE UNDER TEST.

 PERFORM MEASUREMENT, VERY RESULTS WITH STEPS 10 THROUGH 13.

 VERBY ANTENNA SYSTEM USING 165 WAVE-GUIDE HAS A RL LESS THEN

 17DS, 200°T MAX.

 1. VERBY ANTENNA SYSTEM USING 767 WAVE-GUIDE HAS A RL LESS THEN

 1900S, 200°T MAX.
- 11.
- 11. VERBY ANTENNO SYSTEM USING IN WAVE-DUCK.
 1-1003, 2007F MAX.
 12. FOR SYSTEMS OF SYSTEMS.

 REPORT STEMS 1 THROUGH 13 FOR THE REST OF THE ANTENNA SYSTEMS.

ANTENNA SYSTEM WITH DUPLEXER AND THA RETURN LOSS: THIS TEST MEASURES THE RL OF THE COMPLETE ANTENNA HETWORK ON THE TX PATH. TX TEST FREQUENCIES: F1=1930 F2=1940

- ENTER THE FREQUENCIES TO BE USED IN F1 AND F2.

- RE-CALIBRATE TEST EQUIPMENT.
 REMOVE DIN (F) TO DIN (F) FROM BOTH TOP AND BOTTOM JUMPERS.
 CONNECT TOP JUMPERS TO TMA AND CONNECT BOTTOM JUMPER TO
- DUPLEXER.

 CONNECT TEST EQUIPMENT TO TX 1 (YELLOW/RED).

NETWORKS.

- PERFORM MEASUREMENT.
 VERIFY ANTENNA NETWORK USING 1 6/6" WAVE-GUIDE HAS A RL LESS THEN
 -15,50B, 200FT MAX.
- VERIFY ANTENNA NETWORK USING 7/8" WAVE-GUIDE HAS A RULESS THEN
- 14,508, 200FT MAX. FOR ANTENIA NETWORK ABOVE 200FT 1 58" RL-1408, 78" RL-12,508. RECORD TEST RESULTS ON SWEEP DATA SHEET, THEN SAVE SWEEP TO A
- MEMORY LOCATION.

 11. REPEAT STEPS 1 THROUGH 10 FOR THE REST OF THE TX ANTENNA.

ANTENNA SYSTEM WITH OUPLEXER AND YMA BETLIRN LOSS.
THIS TEST MEASURES THE RL OF THE COMPLETE ANTENNA NETWORK ON THE
RX PATH, REMINDER THE TEST EQUIPMENT WALL TERMINATE INTO THE TIMA ON
THE RX PATH, RX TEST PREQUENCIES: F1=1650 F2=1680

- ENTER THE FREQUENCIES TO BE USED IN F1 AND F2.
- RE-CALIBRATE TEST EQUIPMENT.
- REMOVE DIN (F) TO DAY (F) FROM BOTH TOP AND BOTTOM JUMPERS.
 CONNECT TOP JUMPERS TO TIMA AND CONNECT BOTTOM JUMPER TO
- DUPLEXER.
- DUPLEXER CONNECT TEST EQUIPMENT TO RX 1 (YELLOW/GREEN).
- CONNECT TEST EXCOMENT TO PAY TYPE PERFORM MEASUREMENT TO PAY TYPE PERFORM MEASUREMENT TO PAY TYPE PERFORM MEASUREMENT OF THE PAY THE PAY ANTENNA METWORK USING 1818" WAVE-GUIDE HAS A RL LESS THEN VERIETY ANTENNA METWORK USING 7/8" WAVE-GUIDE HAS A RL LESS THEN
- -15.508, 200FT MAX. FOR ANTENNA NETWORK ABOVE 200FT 1 58" RL-14.08, 7/8" RL-13.50B. RECORD TEST RESULTS ON SWIEEP DAYA SHEET, THEN SAME SWEEP TO A
- MEMORY LOCATION.

 11. REPEAT STEPS 1 THROUGH 10 FOR THE RIGHT OF THE RX ANTENNA.

TRANSAUSENCY LINE CONTINUITY TEST:
THIS TEST VALL VERIFY THE CONTINUITY OF THE RX PATH
BETWEEN THE BYB AND THE YMA FOR THE IS VDC

- 1. CONNECT A SHORT AT THE WIND OF THE LAST JUMPER BEFORE
- CONNECT AND THE LINE LUMBER TEST.

 CONNECT MULTI-METER TO LAST JUMPINE REFORE THE 8TS, RX 1
 ("FELLOWINGERS), PLACE THE BLACK LEAD ON THE OUTER PART
 OF THE CONNECTION AND THE RED LEAD ON THE CENTER PM
 OF THE CONNECTION AND THE RED LEAD ON THE CENTER PM
 OF THE CONNECTION.

- OF THE CONNECTOR.
 VEHICY THE METER READS A SHORT.
 REMOVE SHORT AND VERIEY METER READS OPEN.
 RECORD PASSFAIL ON WEMEP DATA SHEET.
 RECONNECT JUMPERS TO THAN AND BTS.
 REPEAT STEPS 1 THROUGH 8 FOR THE REMAINING RECEIVE

PATHS.
MOTE: BUT AND SAVE ALL SWEEPS TO A 3.6" DISKETTE AND E-MAIL SWEEPS TO JAMES.FUGATEGATAT.COM PROVIDE A COPY OF ANTENNA 8 YSTEM TEST RESULTS WITH DISKETTE ON FINAL SITE WALK.

QUESTIONS CONTACT:

JAMES FUGATE: (208) 240-8006

RF CABLE INSTALLATION: 1. FOR SCHOOL COAX, THE MINIMUM LENGTH OF STRAIGHT COAX

- IF CAME INSTANLATIONS

 IF OR S-WENT COOK, THE MEMBRAIL LEWIT FOR STANCH COOK

 LEY WHEN THE END OF A COUNTECTOR AND THE EXEMINATION OF A MENO

 RET WHEN THE END OF A COUNTECTOR AND THE EXEMINATION OF A MENO

 RET THAN IS COOK SET WENTER THE END OF A CONNECTOR AND THE

 BEGINNANC OF A BELD BY IS INCHES.

 FOR COOK LANGER THAN IS HAVE THE HIRMAN RECOURDED BEND

 FOR COOK LANGER THAN IS HAVE THE HIRMAN RECOURDED BEND

 FOR COOK LANGER THAN IS HAVE THE HIRMAN RECOURDED BEND

 FOR COOK LANGER THAN IS HAVE THE HIRMAN RECOURDED BEND

 FOR HIR MEMBRAIN OF HIR TAKES HE HIRMAN RECOURDED BEND

 FOR HIR THAN IS HELD THE THAN IS HAVE THE HIRMAN RECOURDED

 BEND FOR HOUSE VALUES IN THE COUNTY LANGE HE WALLES BY THE

 COLUMN LANGER OF THE WALLES HE HOUSE

 RECOURDED THE COUNTY HAVE THE WALLES BY THE

 COLUMN LANGE OF THE WALLES HE PROPOSED THE A TAT'S

 HETWORK GUIDE HIS COOK, MANAFACTHERSTS RECOMMERGATIONS

 FOR MINIBARINA LICHWARE DEED ROADING HELD RECOMMERGATIONS

 FOR MINIBARINA LICHWARE DEED ROADING HELD FOLLOWING. BEND

 ROUGH WALLES INTER ONLY BENDER SERVICES BY OR

 FOR MINIBARINA LICHWARE DEED READING HELD FOLLOWING. BEND

 ROUGH WALLES HETTO AS THIN SINGLE BENDOND PACKETS JEY OR

 FOR WINDOWN THAN HOT TO BE MEED.
- PRODUST VALUES LISTED AS "MIN SINCE TERMON MARKS PILL OF COUNNIERT, ME NOT TO BE USED.

 LEQUIPMENT AND PE COMPONENTS SHOULD BE LOCATED TO ALLOW THE RECOMMENDED ON THE STALLED, IT SPACE RESTRICTIONS DO NOT ALLOW THE RECOMMENDED COAX BEND RADIUS, USE OF A SHORTER BEND RADIUS IS ALLOWED PROVINCED THAT THE MAXIMUM.





PLANS PREPARED BY:



WOODSWILLE, WA SOUTS WE 425,487,1793 FAX: 425,407 1734 ENVE: *** THE THE PROPERTY COM

PROJECT INFO:

PL52 SHERWOOD SOUTH

15288 5W DIVISION STREET SHERWOOD, OR 97140 WASHINGTON COUNTY

ISSUED FOR:

REV:	DATE	DESCRIPTION	3Y=	CK:
⋒	07-28-10	ISSUED FOR 90% PCD'S	вмн	мую
Δ	05-04-10	CO'S FOR CLIENT REVIEW	AJB	MMC

CURRENT ISSUE DATE:

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PIDAMINAS INFORMATIONS

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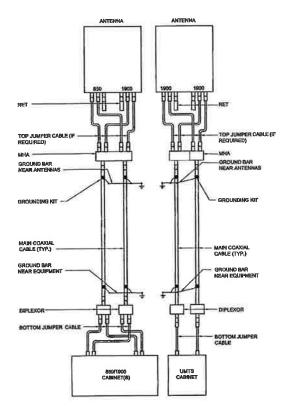
DRAWING NUMBER:

ANTENNA SWEEP TEST

RF-1

CEI JOS NUMBER:

10-69007



CABLE MARKING TAGS

TO PROVIDE ADDITIONAL IDENTIFICATION EACH RF CABLE SHALL BE IDENTIFIED WITH A METAL TAG MADE OF STAIN SES STEEL OR RRABE AND STAMPED AS ROWN. THE ID MARRION LOCATIONS SHOULD BE AS PER "CABLE MARRING LOCATIONS TABLE". THE TAG SHOULD BE ATTACHED WITH CORROSION PROOF WIRE AROUND THE CABLE.

THE FOLLOWING ARE 3 DIFFERENT FORMATS TO BE USED FOR THE BRASS TAGS,



DIAGRAM OF BRASS TAG FORMATS

FORMAT A 18 USED WHEN THERE IS OMLY ONE TECHNOLOGY BBING CARRIED ON A CABLE. FORMAT B IS USED WHEN TWO TECHNOLOGIES INVERSED BY INJECTION ON DOIS CABLE AND WILL BE AROKEN OUT THROUGH A DIPLECTION AT THE TOP OF THE TOWER, FORMAT C IS USED WHEN TWO TECHNOLOGIES HAVE BEEN QUADAR-LEXED ONTO ONE CABLE FOR ANTENNA PORT SHARING ATTHE TOP OF THE TOWER.

THE FRIST NUMBER DESIGNATES THE ANTENNA POSITION, THE SECOND CHARACTER DESIGNATES THE PORT ON THE ANTENNA, THE THIRD CHARACTER DESIGNATES THE TECHNOLOGY TYPE, AND THE LAST NUMBER DESIGNATES THE FREQUENCY BAND OF THE TECHNOLOGY.



ALL RF CABLE SHALL BE MARKED AS PER CABLE MARKING LOCATIONS TABLE BELOW:

CABLE MARKING LOCATIONS			
NO,	TAG	LOCATIONS	
1.	х	END OF THE MAIN COAX RUN WHERE THE COAXIAL CABLE AND JUMPER TO THE ANTENNA ARE CONNECTED.	
2.	x	CABLE ENTRY PORT ON THE INTERIOR OF THE SHELTER (AS APPLICABLE).	
Э.	x	END OF JUMPER AT BTS CABINET	

CABLE COLOR MARKING

IN ADDITION TO THE IMPLEMENTATION OF SRASS TAGS, CONTRACTORS SHALL USE ONE BAND OF COLOR TAPE PER CABLE FOR SECTOR DESIGNATION LABELING.

THE COLORS SHALL BE AS FOLLOWS: SECTOR A: RED SECTOR B: BILDE SECTOR C: GREEN

THE SECTOR DESIGNATIONS SHALL BE MARKED AS DESCRIBED ON THE CURRENT RF DATA SHEET (RFDS) AT TIME OF INSTALLATION, RF DATA SHEET IS TO REMAIN POSTED AT

COAX BOOT SPECIFICATION

ENTRY BOOTS TO BEAL COAX WITHIN 6" CONDUITS SHALL BE: ENTRY BOOTS TO BEAL COAX WITHIN 6" CONDUITS SHALL E ROXTEC H SEAL M3-180/3/(28-64/28 8EB COAX CONDUIT EXIT SEAL DETAIL (WHEN APPLICABLE)

CONTRACTOR SHALL USE THE ABOVE PRODUCTS OR APPROVED EQUAL.





PLANS PREPARED BY:



HMES WOODON/LLE/HEDWOND RID ME SUITE 210 WOODON/LLE. VIX MOST PHONE: 425 481 1732 FAX 426 477 1334 ESALE: INSPENSATION THAT THE WHAT COMMERSTONE ENDS OCK

PROJECT INFO:

SHERWOOD SOUTH





COAX COLOR CODING

CEI JOB NUMBER: 10-69007

