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PROPRIETARY INFORMATION

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PREPARED FOR:



A/E:



CLEARLINX DESIGN, INC.
1022 EDENTON STREET
BIRMINGHAM, AL 35242
(205) 408-7171

PRELIMINARY ZONING DRAWINGS

03/09/09

TO BE REVIEWED REDLINED AND SIGNED BY GOODMAN NETWORKS & AT&T

MARYLHURST

19200 WILLAMETTE DRIVE
WEST LINN, OR 97068

PW54

SITE NUMBER:

PW54

SITE NAME:

MARYLHURST

ADDRESS:

19200 WILLAMETTE DRIVE
WEST LINN, OR
97068

SITE TYPE:

COLOCATE

ENGINEER SEAL:



IT IS A VIOLATION OF LAW FOR ANY PERSON TO ALTER THIS DOCUMENT UNLESS AS DIRECTED BY A LICENSED PROFESSIONAL ENGINEER

DRAWN BY: S. GRIFFIN
CHECKED BY: C. MIKAWA
DATE: 03/09/09

PROJECT NO.: 03/09/09

REVISION

REV	DATE	DESCRIPTION
A	03/09/09	ISSUED FOR REVIEW

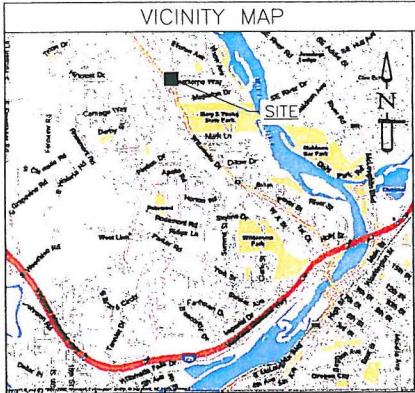
SHEET TITLE

TITLE SHEET

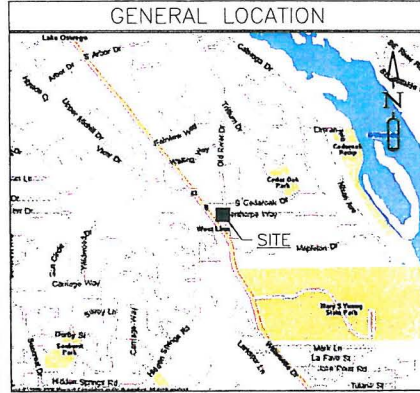
SHEET NUMBER

T-1

VICINITY MAP



GENERAL LOCATION



PROJECT INFORMATION

APPLICANT:
AT&T MOBILITY
19802 SW 72ND AVE
STE 200
TUALATIN, OR 97062
GERI ROPER
PH: (503) 691-5019

PROJECT ENGINEER:
MIKE COWAN
CLEARLINX DESIGN, INC.
1022 EDENTON STREET
BIRMINGHAM, AL
205-408-7171

CODE INFORMATION:
ZONING CLASSIFICATION: R-10
CONSTRUCTION TYPE: COLOCATE
JURISDICTION: CITY OF WEST LINN
PROPOSED BUILDING USE: TELECOM

SITE LOCATION:
LONGITUDE: -122.63952'
LATITUDE: 45.3457'
TOP OF (E) STRUCTURE AGL: 80'+10' EXT.
BASE OF STRUCTURE AMSL: 968'

SITE ACQUISITION:
GOODMAN NETWORKS
7360 HUNZIKER ST, STE 206
PORTLAND, OR 97223

PROJECT CONSULTANTS:
GOODMAN NETWORKS
7360 HUNZIKER ST, STE 206
PORTLAND, OR 97223

GENERAL INFORMATION:
1. PARKING REQUIREMENTS ARE UNCHANGED
2. TRAFFIC IS UNAFFECTED
3. NO SIGNAGE IS PROPOSED
4. REQUIRED MONTHLY VISITS TO SITE BY TECHNICIAN: 1.5

PROJECT INFORMATION:
AT&T MOBILITY PROPOSES TO INSTALL AN UNSTAFFED RADIO TELECOMMUNICATIONS FACILITY CONSISTING OF UP TO 12 ANTENNAS ON A THREE-SECTOR ANTENNA ARRAY WITH (4) ANTENNAS PER SECTOR MOUNTED ON A PROPOSED 80'+10' EXT. BELL TOWER. EQUIPMENT ON 12'x15' PAD WITHIN A PROPOSED LEASE AREA.

LAND OWNER:
CROWN CASTLE
8547 154TH AVE NE
REDMOND, WA 98052
CONTACT: BRYAN ADAMS
PH: 425-202-2775

TEAM LEAD:
GOODMAN NETWORKS
SCOTT SHANNON
7360 HUNZIKER ST, STE 206
PORTLAND, OR 97223
503.780.8271

ZONING AGENT:
KEVIN PROVANCE
GOODMAN NETWORKS
7360 HUNZIKER ST, STE 206
PORTLAND, OR 97223
503.367.5577

LEASING AGENT:
JOAN MURRAY
GOODMAN NETWORKS
7360 HUNZIKER ST, STE 206
PORTLAND, OR 97223

CONSTRUCTION MANAGER:
SCOTT HEFT
GOODMAN NETWORKS
7360 HUNZIKER ST, STE 206
PORTLAND, OR 97223
214.708.8307

PROJECT AREA:
180 SQ. FT.

PARCEL NUMBER(S):
21E24BB-04800

AREA OF PARCEL:
36.85 ACRES
POWER:
PROVIDER: PACIFIC POWER
CUST. SERV.: (888) 221-7070
TELEPHONE:
PROVIDER: QWEST
CUST. SERV.: (800) 244-1111

SHEET INDEX

SHEET	DESCRIPTION
T-1	TITLE SHEET
Z-1	OVERALL SITE PLAN
Z-2	COMPOUND PLAN
Z-3	ENLARGED EQUIPMENT PLAN
Z-4	ELEVATIONS
Z-5	EQUIPMENT SPECS

LEGAL DESCRIPTION

LOT FOUR (4) IN SECTION THIRTY-ONE (31), TOWNSHIP SEVENTEEN (17) SOUTH, RANGE TWELVE (12) EAST OF THE WILLAMETTE MERIDIAN, DESCHUTES COUNTY, OREGON.

EXCEPTING THEREFROM A TRACT OF LAND IN THE NORTHEAST CORNER OF SAID LOT FOUR(4), AS DESCRIBED AND CONVEYED IN DEED FROM A.C. LUCAS AND WIFE TO J.S. SMITH AND J.A. HOLMES, EXECUTED MAY 29, 1911, AND RECORDED IN DEED RECORDS OF DESCHUTES COUNTY, OREGON, BOOK 9, PAGE 549.

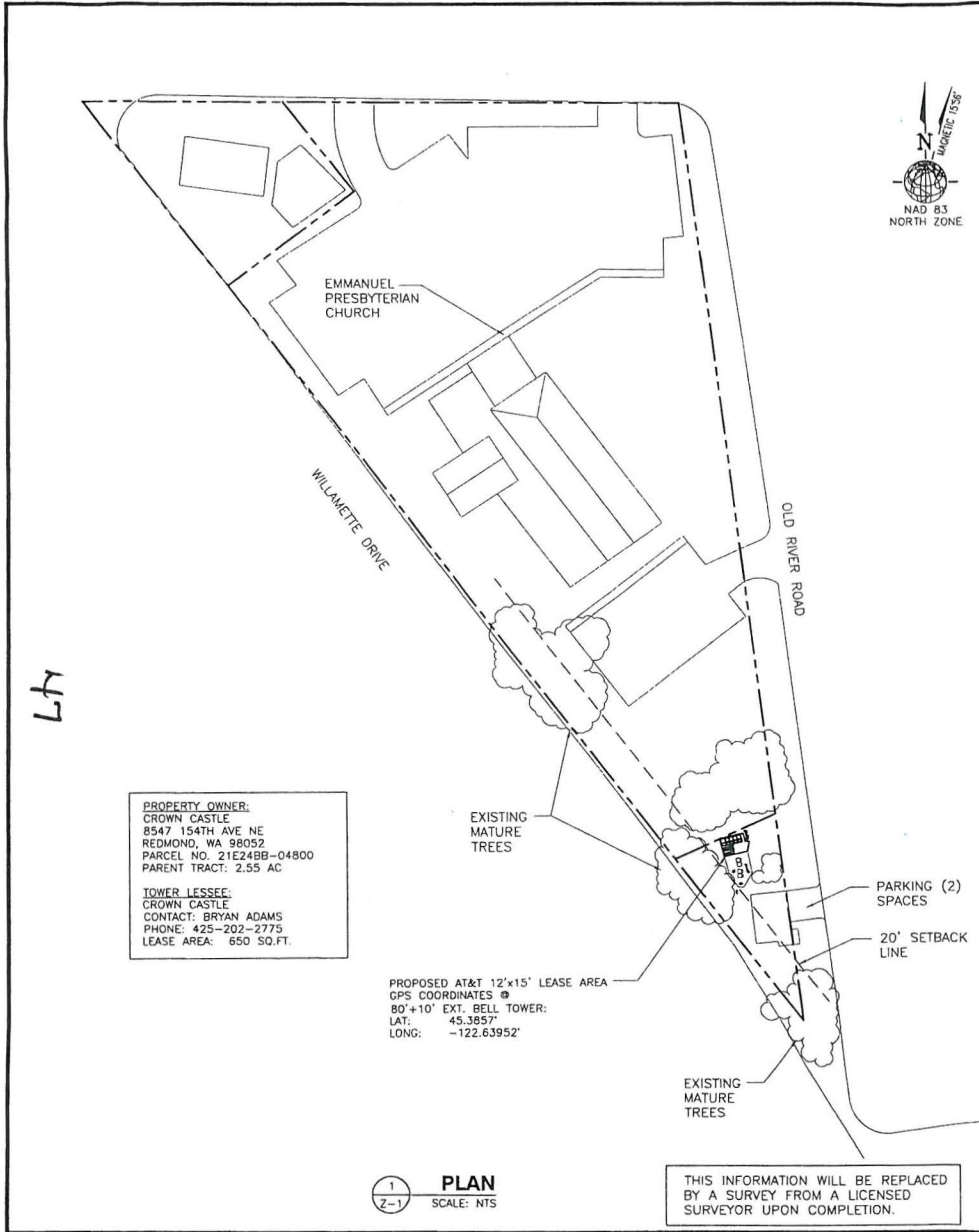
DRIVING DIRECTIONS

DIRECTIONS FROM TUALATIN, OREGON:

FROM SW 72ND AVE, TURN LEFT/EAST ON TO SW SACERT STREET FOR 0.4 MI. TURN LEFT/NORTH ONTO SW 65TH AVE, THEN TAKE IMMEDIATE RIGHT ON TO SW BORLAND ROAD FOR 2.1 MI. TURN LEFT ONTO SW STAFFORD RD FOR 1.4 MI. TURN RIGHT/EAST ON TO ROSEMONT ROAD FOR 2.1 MI. TURN LEFT/NORTHEAST ON TO HIDDEN SPRINGS RD FOR 1.2 MI TO THE INTERSECTION OF WILLAMETTE DR. BELL TOWER IS TO THE RIGHT ACROSS WILLAMETTE ABOUT 100 FT. SITE ACCESS IS FROM OLD RIVER DRIVE BEHIND THE CHURCH.

APPROVAL/SIGN OFF OF ZONING DRAWINGS

CONSULTANT GROUP SIGN OFF	DATE	SIGNATURE	AT&T SIGN OFF	DATE	SIGNATURE
CONSTRUCTION COORDINATOR			CONSTRUCTION COMPLIANCE		
LANDLORD'S REPRESENTATIVE			INTERCONNECT OPERATIONS		
PROJECT MANAGER			RF ENGINEER		
SITE ACQUISITION					
ZONING					



PROPERTY OWNER:
CROWN CASTLE
8547 154TH AVE NE
REDMOND, WA 98052
PARCEL NO. 21E24BB-04800
PARENT TRACT: 2.55 AC

TOWER LESSEE:
CROWN CASTLE
CONTACT: BRYAN ADAMS
PHONE: 425-202-2775
LEASE AREA: 650 SQ.FT.

PLAN
SCALE: NTS

LEGAL DESCRIPTION

TRACT LOCATED NW1/4NW1/4; LOTS 2-3; SW1/4; PT CL 49; PT CL 48; LESS RD & PT SD (N DFPA) SEE R31338 FOR BAL TOTAL, ACRES 172.80

NOTES

- NO TITLE RESEARCH PROVIDED AT THIS TIME. CALCULATED BOUNDARY MAY CHANGE UPON RECEIPT OF TITLE.
- FIELD WORK CONDUCTED IN FEBRUARY, 2009
- BASIS OF BEARING: OREGON STATE PLANE COORDINATE SYSTEM
- UNDERGROUND UTILITIES SHOWN HEREON, IF ANY, WERE DELINEATED FROM SURFACE EVIDENCE AND/OR UTILITY COMPANY RECORDS. CRITICAL LOCATIONS SHOULD BE VERIFIED PRIOR TO DESIGN AND CONSTRUCTION.

ENGINEERING/CONSTRUCTION NOTES:

- PARCEL SIZE AND CONFIGURATION ARE SUBJECT TO CHANGE AS MAY BE REQUIRED TO OBTAIN PLANNING AND ZONING APPROVALS.
- LEASED AREA SHALL INCLUDE 24 HOUR A DAY ACCESS FROM PUBLIC PROPERTY TO EQUIPMENT AND ANTENNAS.
- LEASED PREMISES SHALL INCLUDE SUITABLE AREA WITHIN LANDLORD'S SPACE FOR ROUTING OF CABLES AND UTILITIES BETWEEN THE EQUIP. AREA, MOUNTED ANTENNAS, AND UTILITY SERVICE ENTRANCE LOCATIONS FOR THE NECESSARY CONNECTIONS FOR EACH.
- THE OWNER AND AT&T MOBILITY HEREBY AGREE TO THE GENERAL LEASE AREA LOCATION SPECIFIED OF THIS LEASE EXHIBIT. THE EXACT LOCATIONS OF BASE STATION EQUIPMENT, CABLES, UTILITIES, AND ANTENNAS ARE SUBJECT TO FINAL ENGINEERING DESIGN AND ULTIMATELY THE LEASEABLE AREA MAY BE MODIFIED TO REFLECT THE FINAL ENGINEERING DESIGN.
- PROPERTY LINES DEPICTED HEREIN ARE TAKEN FROM AVAILABLE TAX MAPS AND ARE APPROXIMATE ONLY.

SOURCE OF TITLE:
NO TITLE REPORT PROVIDED

SURVEY REFERENCES:

LEGEND:

---	SUBJECT BOUNDARY LINE	---	RIGHT-OF-WAY CENTERLINE
---	RIGHT-OF-WAY LINE	---	RIGHT-OF-WAY LINE
---	ADJACENT BOUNDARY LINE	---	SECTIONAL BREAKDOWN LINE
PWR	OVERHEAD POWER LINE	---	BURIED POWER LINE
G	BURIED GAS LINE	---	BURIED TELEPHONE LINE
---	BURIED WATER LINE	---	BURIED TELEPHONE LINE
SS	BURIED SANITARY SEWER	---	BURIED SLOTH DRAIN
SD	BURIED SLOTH DRAIN	---	DITCH LINE/TOP LINE
---	ROCK RETAINING WALL	---	CHAIN LINK FENCE
---	WOOD FENCE	---	BARRIED WIRE/WIRE FENCE
---	TRANSFORMER	---	GATE VALVE
---	LIGHT STANDARD	---	WATER METER
---	POWER VAULT	---	FIRE STAND PIPE
---	UTILITY BOX	---	CATCH BASIN
---	UTILITY POLE	---	TYPE 1
---	POLE GUY WIRE	---	CATCH BASIN
---	GAS VALVE	---	TYPE 2
---	GAS METER	---	SIGN
---	TELEPHONE VALVE	---	BOLLARD
---	TELEPHONE RISER	---	WALK BOX
---	FIRE HYDRANT	---	J.M.B. SPOT ELEVATION

NOTE:

- ALL ELEVATIONS SHOWN ARE ABOVE MEAN SEA LEVEL (MSL). ELEVATIONS REFERENCED TO THE NAVD 83 DATUM.
- ALL TOWER, TREE AND APPURTENANCE HEIGHTS ARE ABOVE GROUND LEVEL (A.G.L.)
- ALL HEIGHTS REPRESENTED ARE ACCURATE TO ±0.2 FEET UP TO 100' IN HEIGHT OR SIZE OF TOTAL HEIGHT FOR OBJECTS GREATER THAN 100'.

TREE LEGEND:

OC	OKAZAKUS	AL	ALBICEP
AL	ALBICEP	MP	MARIPOSA
DP	DOUGLAS FIR	DS	DOUGLAS FIR
MA	MADRONA	DC	CHERRY
DC	CHERRY	CC	CEDAR
DF	DOUGLAS FIR	HE	HOLLY
HE	HOLLY	PI	PINE
EVG	EVERGREEN	EVG	EVERGREEN

TREE DROP LINES ARE TO SCALE. TRUNK DIAMETERS WERE APPROXIMATED AT 20' TO 40' ABOVE GROUND LEVEL. TREES SHOWN ARE FOR REFERENCE ONLY, AND OTHER TREES AND VEGETATION MAY OCCUR.

SITE INFORMATION:

TAX LOT NUMBER: 02140-0400
SITE ADDRESS: 19200 WILLAMETTE DRIVE
WEST Linn, OR 97068

PROPERTY OWNER: CROWN CASTLE
CONTACT: BRYAN ADAMS
PHONE NUMBER: 425-202-2775
ZONING: CITY OF WEST LINN
TOTAL LOT AREA: 180 SQ. FT.

LATITUDE & LONGITUDE POSITION:
COORDINATE DATE @ 1A POSITION ELEVATION DERIVED USING
LAT 45.3857N WAD 83 GPS ACCURACY METERS OF
LONG -122.6395W WAD 83 EXCESS IN COORDINATES AS
GROUND ELEVATION = 968.00'
HEIGHT OF TOWER = 80' 10" CMT'
INFORMATION SHEET #1.003

BOUNDARY DISCLAIMER:
THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY. SUBJECT AN ADJACENT PROPERTY LINE ARE DEPICTED USING FIELD-FOUND EVIDENCE AND RECORD INFORMATION.

CAUTION:
THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY. SUBJECT AN ADJACENT PROPERTY LINE ARE DEPICTED USING FIELD-FOUND EVIDENCE AND RECORD INFORMATION.

CALL 24 HOURS DAILY BEFORE YOU DIG

UTILITIES UNDERGROUND LOCATION CENTER
1-800-332-2344

PREPARED FOR:

at&t
Your world. Delivered.

A/E:

ClearLinx
DESIGN, INC.
CLEARLINK DESIGN, INC.
1022 EDENTON STREET
BIRMINGHAM, AL 35242
(205) 408-7171

SITE NUMBER:
PW54

SITE NAME:
MARYLHURST

ADDRESS:
19200 WILLAMETTE DRIVE
WEST LINN, OR
97068

SITE TYPE:
COLOCATE

ENGINEER SEAL:

REGISTERED PROFESSIONAL ENGINEER
80652PE
OREGON
MARCH 11, 2009
MICHAEL J. COVANN
EXPIRES: 12/31/2009

IT IS A VIOLATION OF LAW FOR ANY PERSON TO ALTER THIS DOCUMENT UNLESS AS DIRECTED BY A LICENSED PROFESSIONAL ENGINEER

DRAWN BY:	S. GRYTHN
CHECKED BY:	C. MIKARA
DATE:	03/09/09
PROJECT NO.:	

REVISION	
REV	DESCRIPTION
A	03/09/09 ISSUED FOR REVIEW

SHEET TITLE
OVERALL SITE PLAN

SHEET NUMBER
Z-1

8/17



EXISTING CROWN CASTLE LEASE LINE, TYPICAL

NEW AT&T WAVEGUIDE SUPPORT INSTALLED ON INSIDE FENCE

PROPOSED EVERGREEN LANDSCAPING TO MATCH EXISTING

EXTEND 7' TALL WOOD PICKET FENCE AT AT&T SLAB. PAINT TO MATCH EXISTING.

EXISTING 80'x10' EXT. BELL TOWER
GPS COORDINATES:
LAT: 45.3857"
LONG: -122.63952"

PROPOSED AT&T TELCO SERVICE ROUTED FROM EXISTING QWEST TELCO DEMARC (@ 50'±)

PROPOSED AT&T 12'x15' EQUIPMENT PAD

EXISTING PICKET FENCE AND GATE TO BE REMOVED

PROPOSED AT&T ELECTRICAL SERVICE ROUTED FROM EXISTING PGE TRANSFORMER I.D. 1484 500 (@ 50'±)

1 COMPOUND PLAN
Z-2 SCALE: 3/32"=1'-0"

EXISTING UTILITY VAULT-PUMP STATION

EXISTING (2) PARKING SPACES



CONSTRUCTION PLAN KEYED NOTES

- 1 PROPOSED 12'x15' AT&T LEASE AREA
 - 2 PROPOSED AT&T 12'x15' CONCRETE EQUIPMENT PAD (PROVIDED BY CONTRACTOR)
 - 3 PROPOSED AT&T NOKIA ULTRASTE CABINETS NO 1 & 2 (PRIMARY - PROVIDED BY AT&T)
 - 4 PROPOSED AT&T NOKIA ULTRASTE CABINETS NO 3 (EXPANSION - PROVIDED BY AT&T)
 - 5 PROPOSED LUCENT WATS CABINET (PROVIDED BY AT&T)
 - 6 PROPOSED AT&T ANTENNA MOUNTING ON PIPE MOUNTS
 - 7 EXISTING CONCRETE FOUNDATION PIERS & STEALTH MONOPHASE TOWER TO BE ANALYZED BY OREGON STATE LICENSED ENGINEER WITH ADDITIONAL ANTENNA & COAX LEADING APPLIED.
 - 8 DECKED/GRASS SURFACES TO BE REPAIRED WITH 1 3/4" DIA. WINGS CRUSHED ROCK IN AREAS WHERE REPAIR IS REQUIRED.
 - 9 7'-0" HIGH WOOD PICKET FENCE (PROVIDED BY CONTRACTOR) 8'-0" POST TO POST TYPICAL.
 - 10 5'-0" WIDE SWINGING WOOD LOCKING GATE (PROVIDED BY CONTRACTOR). AT&T SHACK MOUNTED TO GATE LOCK AND SWAGE PROVIDED BY CONTRACTOR.
 - 11 PROPOSED AT&T ARGUS T220 40W POWER CABINET (PROVIDED BY AT&T)
 - 12 PROPOSED ANTENNAS (PROVIDED BY CONTRACTOR) MOUNTED ON PIPE MOUNT ASSEMBLIES.
 - 13 PROPOSED MASTHEAD AMPLIFIER (MHA) AND DIPLEXER-COMBINER (PROVIDED BY CONTRACTOR)
 - 14 COAXIAL CABLE (PROVIDED BY CONTRACTOR) TO ANTENNAS.
 - 15 PEDESTAL MOUNTED COAX ICE BRIDGE (PROVIDED BY CONTRACTOR)
 - 16 PROPOSED POWER & TELCO TRENCHES.
 - 17 PROPOSED AT&T UTILITY H-FRAME WITH 200A ELEC METER & TELCO PANEL (PROVIDED BY CONTRACTOR)
 - 18 PROPOSED AT&T GPS/L-011 COMBINED ANTENNA (PROVIDED BY CONTRACTOR)
 - 19 PROPOSED AT&T ARGUS T420B BATTERY BACKUP CABINET (PROVIDED BY AT&T)
 - 20 PROPOSED AT&T GPS/L-011 COMBINED ANTENNA (PROVIDED BY CONTRACTOR)
 - 21 PROPOSED AT&T COAX CABLE LADDER (PROVIDED BY CONTRACTOR) CONTINUOUS TO ANTENNAS
 - 22 PROPOSED AT&T RECENT 300W HALOGEN LIGHT W/ 1 HR TIMER SWITCH/CFI DUPLEX RECEPTACLE (PROVIDED BY CONTRACTOR)
 - 23 PROPOSED GRAVEL ACCESS ROAD WITH TURNAROUND.
- * AT&T WILL REPLACE EXISTING FENCE.

SITE NOTES

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

ENGINEERING/CONSTRUCTION NOTES:

1. PARCEL SIZE AND CONFIGURATION ARE SUBJECT TO CHANGE AS MAY BE REQUIRED TO OBTAIN PLANNING AND ZONING APPROVALS.
2. LEASED AREA SHALL INCLUDE 24 HOUR A DAY ACCESS FROM PUBLIC PROPERTY TO EQUIPMENT AND ANTENNAS.
3. LEASED PREMISES SHALL INCLUDE SUITABLE AREA WITHIN LANDLORD'S SPACE FOR ROUTING OF CABLES AND UTILITIES BETWEEN THE EQUIP. AREA, MOUNTED ANTENNAS, AND UTILITY SERVICE ENTRANCE LOCATIONS FOR THE NECESSARY CONNECTIONS FOR EACH.
4. THE OWNER AND AT&T MOBILITY HEREBY AGREE TO THE GENERAL LEASE AREA LOCATION SPECIFIED OF THIS LEASE EXHIBIT. THE EXACT LOCATIONS OF BASE STATION EQUIPMENT, CABLES, UTILITIES, AND ANTENNAS ARE SUBJECT TO FINAL ENGINEERING DESIGN AND ULTIMATELY THE LEASEABLE AREA MAY BE MODIFIED TO REFLECT THE FINAL ENGINEERING DESIGN.
5. PROPERTY LINES DEPICTED HEREIN ARE TAKEN FROM AVAILABLE TAX MAPS AND ARE APPROPRIATE ONLY.

PREPARED FOR:

A/E:

CLEARLINX DESIGN, INC.
1022 EDENTON STREET
BIRMINGHAM, AL 35242
(205) 408-7171

SITE NUMBER: PW54

SITE NAME: MARYLHURST

ADDRESS: 19200 WILLAMETTE DRIVE
WEST Linn, OR 97068

SITE TYPE: COLOCATE

ENGINEER SEAL:

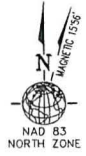
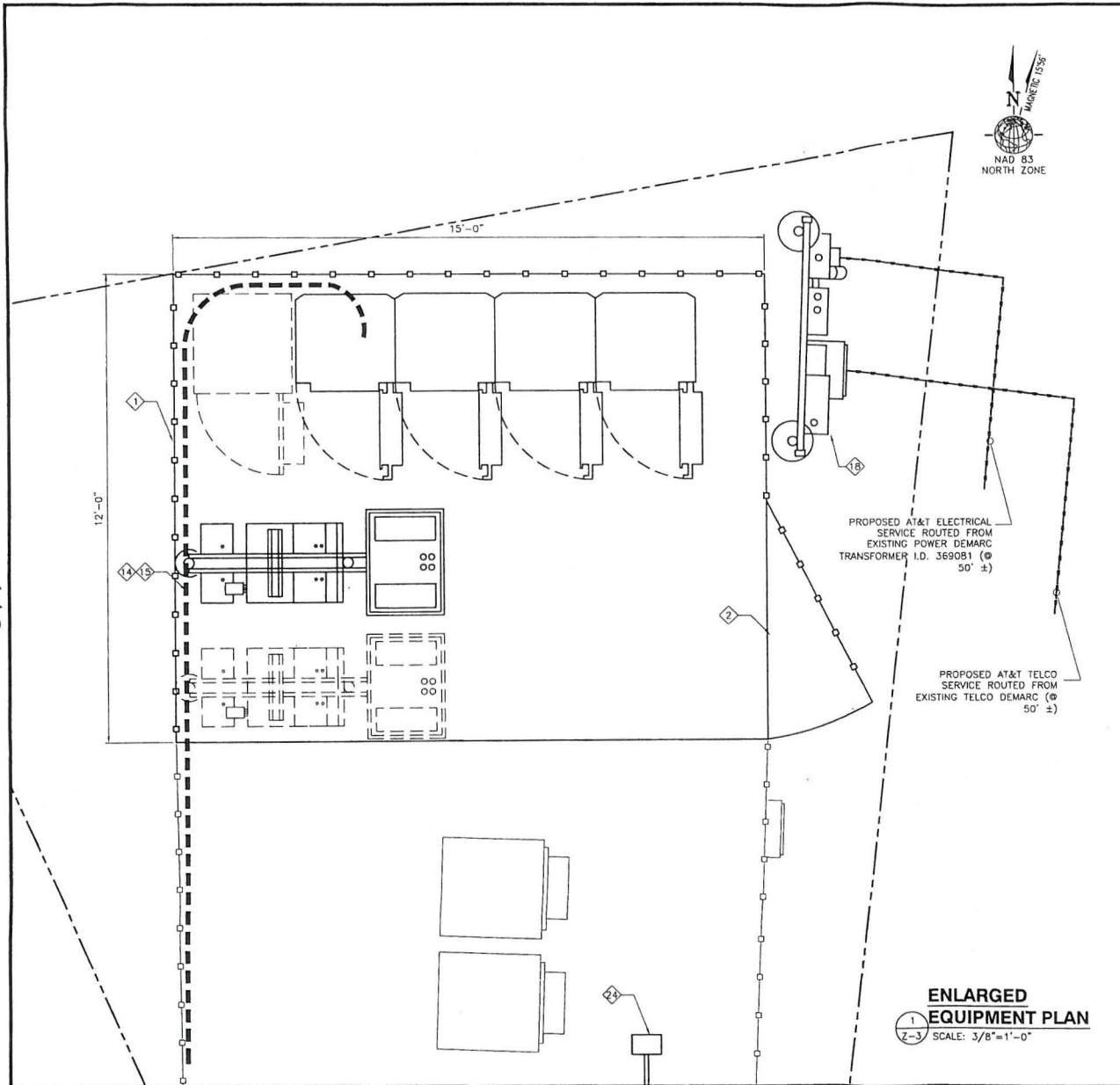
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DRAWN BY: S. DRIFTH
CHECKED BY: C. MIYAMA
DATE: 03/09/09
PROJECT NO.:

REV	DATE	DESCRIPTION
A	03/09/09	ISSUED FOR REVIEW

SHEET TITLE: COMPOUND PLAN

SHEET NUMBER: Z-2



CONSTRUCTION PLAN KEYED NOTES

- 1 PROPOSED 12x15' AT&T LEASE AREA
 - 2 PROPOSED AT&T 12x15' CONCRETE EQUIPMENT PAD (PROVIDED BY CONTRACTOR)
 - 3 PROPOSED AT&T NOKIA ULTRASTE CABINETS NO 1 & 2 (PRIMARY - PROVIDED BY AT&T)
 - 4 PROPOSED AT&T NOKIA ULTRASTE CABINETS NO 3 (EXPANSION - PROVIDED BY AT&T)
 - 5 PROPOSED LUCENT LIMITS CABINET (PROVIDED BY AT&T)
 - 6 PROPOSED AT&T ANTENNA MOUNTING ON PIPE MOUNTS
 - 7 EXISTING CONCRETE FOUNDATION PEIRS & STEALTH MONOPINE TOWER TO BE ANALYZED BY OREGON STATE LICENSED ENGINEER WITH ADDITIONAL ANTENNA & COAX LOADING APPLIED.
 - 8 DESIGNATED GROUND SURFACES TO BE REPAIRED WITH 1 3/4" DIA. W/MS CRUSHED ROCK IN AREAS WHERE REPAIR IS REQUIRED.
 - 9 7'-0" HIGH WOOD FENCE (PROVIDED BY CONTRACTOR), 8'-0" POST TO POST TYPICAL.
 - 10 5'-0" WIDE SWINGING WOOD LOCKING GATE (PROVIDED BY CONTRACTOR). AT&T SHINGE MOUNTED TO GATE. LOCK AND SHINGE PROVIDED BY CONTRACTOR.
 - 11 PROPOSED AT&T ARGUS TEL2 48V POWER CABINET (PROVIDED BY AT&T)
 - 12 PROPOSED ANTENNAS (PROVIDED BY CONTRACTOR) MOUNTED ON PIPE MOUNT ASSEMBLIES.
 - 13 PROPOSED MASTHEAD AMPLIFIER (MHA) AND DUPLEXER-COMBINER (PROVIDED BY CONTRACTOR)
 - 14 COAXIAL CABLE (PROVIDED BY CONTRACTOR) TO ANTENNAS.
 - 15 FENCE MOUNTED COAX SUPPORTS (PROVIDED BY CONTRACTOR)
 - 17 PROPOSED POWER & TELCO TRENCHES.
 - 18 PROPOSED AT&T UTILITY H-FRAME WITH 200A ELEC METER & TELCO PANEL (PROVIDED BY CONTRACTOR)
 - 20 PROPOSED AT&T GPS/E-011 COMBINED ANTENNA (PROVIDED BY CONTRACTOR)
 - 21 PROPOSED AT&T ARGUS TEL2B BATTERY BACKUP CABINET (PROVIDED BY AT&T)
 - 22 PROPOSED AT&T GPS/E-011 COMBINED ANTENNA (PROVIDED BY CONTRACTOR)
 - 23 PROPOSED AT&T COAX CABLE LADDER (PROVIDED BY CONTRACTOR) CONTINUOUS TO ANTENNAS.
 - 24 PROPOSED AT&T RECENT 300W HALOGEN LIGHT W/ 1 HR TIMER SWITCH/GFI DUPLEX RECEPTACLE (PROVIDED BY CONTRACTOR)
 - 25 PROPOSED GRAVEL ACCESS ROAD WITH TURNAROUND.
- * AT&T WILL REPLACE EXISTING FENCE.

SITE NOTES

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

ENGINEERING/CONSTRUCTION NOTES:

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- 3. LEASED PREMISES SHALL INCLUDE SUITABLE AREA WITHIN LANDLORD'S SPACE FOR ROUTING OF CABLES AND UTILITIES BETWEEN THE EQUIP. AREA, MOUNTED ANTENNAS, AND UTILITY SERVICE ENTRANCE LOCATIONS FOR THE NECESSARY CONNECTIONS FOR EACH.
- 4. THE OWNER AND AT&T MOBILITY HEREBY AGREE TO THE GENERAL LEASE AREA LOCATION SPECIFIED OF THIS LEASE EXHIBIT. THE EXACT LOCATIONS OF BASE STATION EQUIPMENT, CABLES, UTILITIES, AND ANTENNAS ARE SUBJECT TO FINAL ENGINEERING DESIGN AND ULTIMATELY THE LEASEABLE AREA MAY BE MODIFIED TO REFLECT THE FINAL ENGINEERING DESIGN.
- 5. PROPERTY LINES DEPICTED HEREIN ARE TAKEN FROM AVAILABLE TAX MAPS AND ARE APPROXIMATE ONLY.

ENLARGED EQUIPMENT PLAN
 1
 Z-3 SCALE: 3/8"=1'-0"

PREPARED FOR:

A/E:

SITE NUMBER: **PW54**

SITE NAME: **MARYLHURST**

ADDRESS: 19200 WILLAMETTE DRIVE, WEST LINN, OR 97068

SITE TYPE: **COLOCATE**

ENGINEER SEAL:

IT IS A VIOLATION OF LAW FOR ANY PERSON TO ALTER THIS DOCUMENT UNLESS AS DIRECTED BY A LICENSED PROFESSIONAL ENGINEER

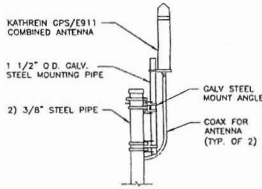
DRAWN BY: S. GRUTH
 CHECKED BY: G. HIKARA
 DATE: 03/09/09
 PROJECT NO.:

REV	DATE	DESCRIPTION
A	03/09/09	ISSUED FOR REVIEW

SHEET TITLE: **ENLARGED EQUIPMENT PLAN**

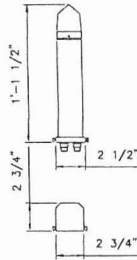
SHEET NUMBER: **Z-3**

- NOTES:**
- LOCATION OF ANTENNA MUST HAVE CLEAR VIEW OF SOUTHERN SKY AND CANNOT HAVE ANY BLOCKAGES EXCEEDING 25% OF THE SURFACE AREA OF A HEMISPHERE AROUND THE GPS ANTENNA.
 - ALL GPS ANTENNA LOCATIONS MUST BE ABLE TO RECEIVE CLEAR SIGNALS FROM A MINIMUM OF FOUR (4) SATELLITES. VERIFY.



GPS/E911 COMBINED ANTENNA DETAIL

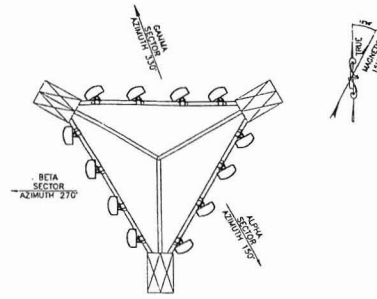
2
Z-4 SCALE: N.T.S.



NOTE:
INSTALL FRAME USING 3/4" PIVOT AND INSTALLATION BOLTS. REMOVE INSTALLATION BOLTS IF SECONDARY PIVOT AT SADDLE IS DESIRED.

3 ANTENNA MOUNT DETAILS

3
Z-4 SCALE: N.T.S.



4 FOUR ANTENNAS PER SECTOR T-ARM MOUNTS

4
Z-4 SCALE: N.T.S.

CONSTRUCTION PLAN KEYED NOTES

- PROPOSED 12'x15' AT&T LEASE AREA
 - PROPOSED AT&T 12'x15' CONCRETE EQUIPMENT PAD (PROVIDED BY CONTRACTOR)
 - PROPOSED AT&T MOXA ULTRASTE CABINETS NO 1 & 2 (PRIMARY - PROVIDED BY AT&T)
 - PROPOSED AT&T MOXA ULTRASTE CABINETS NO 3 (EXPANSION - PROVIDED BY AT&T)
 - PROPOSED LUCENT LIMITS CABINET (PROVIDED BY AT&T)
 - PROPOSED AT&T ANTENNA MOUNTING INSIDE BELL TOWER
 - EXISTING CONCRETE FOUNDATION PIERS & STEALTH MONOPOLE TOWER TO BE ANALYZED BY OREGON STATE LICENSED ENGINEER WITH ADDITIONAL ANTENNA & COAX LOADING APPLIED.
 - DESIGNED GROUND SURFACES TO BE REPAIRED WITH 1 3/4" DIA. WASH CRUSHED ROCK IN AREAS WHERE REPAIR IS REQUIRED.
 - 7'-0" HIGH WOOD PRIVACY FENCE (PROVIDED BY CONTRACTOR), 8'-0" POST TO POST TYPICAL.
 - 12'-0" WIDE SWINGING CHAIN LINK LOCKING GATE (PROVIDED BY CONTRACTOR), AT&T SHACK MOUNTED TO GATE. LOCK AND SHACK PROVIDED BY CONTRACTOR.
 - PROPOSED AT&T ARGUS T200 48V POWER CABINET (PROVIDED BY AT&T)
 - PROPOSED ANTENNAS (PROVIDED BY CONTRACTOR) MOUNTED ON PIPE MOUNT ASSEMBLIES.
 - PROPOSED MASTHEAD AMPLIFIER (MHA) AND DUPLEXER-COMBINE (PROVIDED BY CONTRACTOR)
 - COAXIAL CABLE (PROVIDED BY CONTRACTOR) TO ANTENNAS.
 - PEDESTAL MOUNTED COAX ICE BRIDGE (PROVIDED BY CONTRACTOR)
 - PROPOSED POWER & TELCO TRENCHES.
 - PROPOSED AT&T UTILITY H-FRAME WITH 200A ELEC METER & TELCO PANEL (PROVIDED BY CONTRACTOR)
 - PROPOSED AT&T GPS/E-011 COMBINED ANTENNA (PROVIDED BY CONTRACTOR)
 - PROPOSED AT&T ARGUS 1x206 BATTERY BACKUP CABINET (PROVIDED BY AT&T)
 - PROPOSED AT&T GPS/E-011 COMBINED ANTENNA (PROVIDED BY CONTRACTOR)
 - PROPOSED AT&T COAX CABLE LADDER (PROVIDED BY CONTRACTOR) CONTINUOUS TO ANTENNAS.
 - PROPOSED AT&T RECEIPT ROOM HALOGEN LIGHT W/ 1 HR TIMER SWITCH/GFI DUPLEX RECEPTACLE (PROVIDED BY CONTRACTOR)
 - PROPOSED GRAVEL ACCESS ROAD WITH TURNAROUND.
- * AT&T WILL REPLACE EXISTING FENCE.

SITE NOTES

- VERIFY ANTENNA RAD CENTER & AZIMUTHS WITH LOCKDOWN SET R/F SITE BUILD FORM.

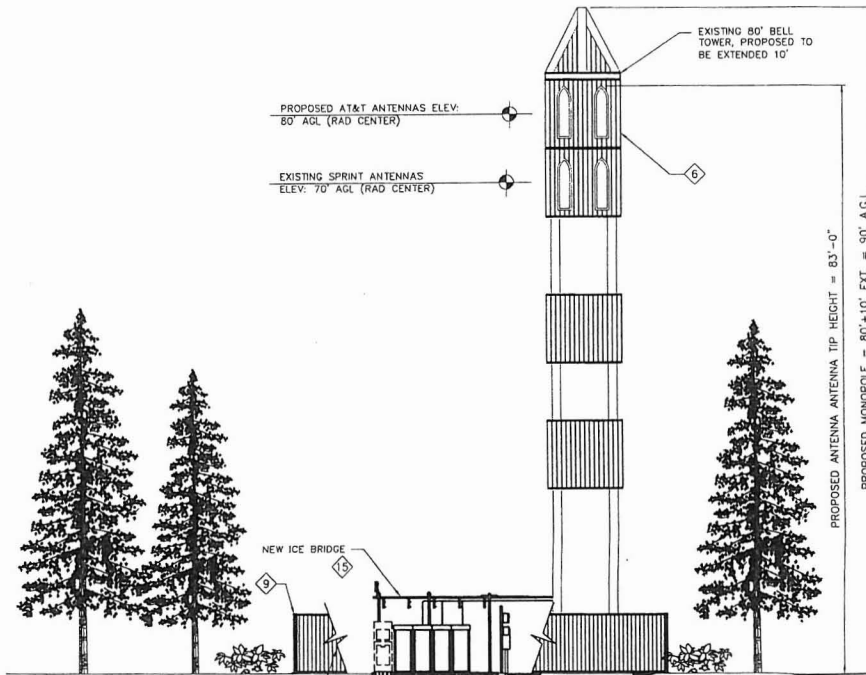
ENGINEERING/CONSTRUCTION NOTES:

- PARCEL SIZE AND CONFIGURATION ARE SUBJECT TO CHANGE AS MAY BE REQUIRED TO OBTAIN PLANNING AND ZONING APPROVALS.
- LEASED AREA SHALL INCLUDE 24 HOUR A DAY ACCESS FROM PUBLIC PROPERTY TO EQUIPMENT AND ANTENNAS.
- LEASED PREMISES SHALL INCLUDE SUITABLE AREA WITHIN LANDLORD'S SPACE FOR ROUTING OF CABLES AND UTILITIES BETWEEN THE EQUIP. AREA, MOUNTED ANTENNAS, AND UTILITY SERVICE ENTRANCE LOCATIONS FOR THE NECESSARY CONNECTIONS FOR EACH.
- THE OWNER AND AT&T MOBILITY HEREBY AGREE TO THE GENERAL LEASE AREA LOCATION SPECIFIED OF THIS LEASE EXHIBIT. THE EXACT LOCATIONS OF BASE STATION EQUIPMENT, CABLES, UTILITIES, AND ANTENNAS ARE SUBJECT TO FINAL ENGINEERING DESIGN AND ULTIMATELY THE LEASABLE AREA MAY BE MODIFIED TO REFLECT THE FINAL ENGINEERING DESIGN.
- PROPERTY LINES DEPICTED HEREIN ARE TAKEN FROM AVAILABLE TAX MAPS AND ARE APPROXIMATE ONLY.

COAX LENGTH SCHEDULE

COAX LENGTHS ARE CALCULATED FROM THIS DRAWING SET. ANY DEVIATION FROM THE PROPOSED DESIGN MAY REQUIRE ALTERATION OF COAX LENGTHS. CONTRACTOR SHALL ENSURE THAT FINAL DESIGN AND COAX LENGTH ARE COORDINATED.

SECTOR	LENGTH	# COAX	DIAMETER
SECTOR "A"	±110'	12	7/8"
SECTOR "B"	±110'	12	7/8"
SECTOR "C"	±110'	12	7/8"



1 ELEVATION

1
Z-4 SCALE: N.T.S.

PREPARED FOR:



A/E:



SITE NUMBER:

PW54

SITE NAME:

MARYLHURST

ADDRESS:

19200 WILLAMETTE DRIVE
WEST Linn, OR
97068

SITE TYPE:

COLOCATE

ENGINEER SEAL:



EXPIRES: 12/31/2009

IT IS A VIOLATION OF LAW FOR ANY PERSON TO ALTER THIS DOCUMENT UNLESS AS DIRECTED BY A LICENSED PROFESSIONAL ENGINEER

DRAWN BY:	S. GRIFIN
CHECKED BY:	D. MIKAWA
DATE:	03/09/09
PROJECT NO.:	

REVISION		
REV	DATE	DESCRIPTION
A	03/09/09	ISSUED FOR REVIEW

SHEET TITLE

ELEVATIONS

SHEET NUMBER

Z-4

50

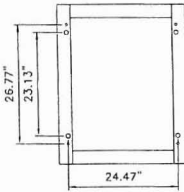
NOTE:
FINISH IS HOT DIP GALVANIZED
PER ASTM A-123



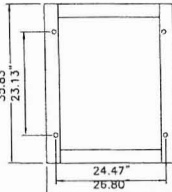
SECTION A-A



3D VIEW



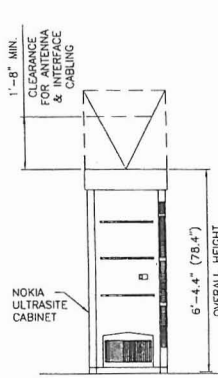
TOP VIEW



BOTTOM VIEW

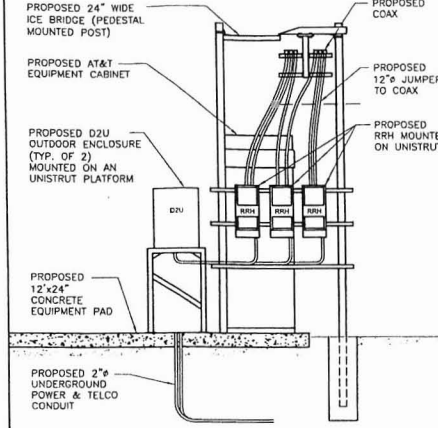
1 MTS MOUNTING BASE

A-4.2 SCALE: NONE



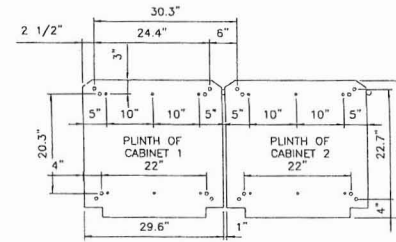
ULTRASITE FRONT ELEVATION

3 A-4.2 SCALE: NONE



3 RRH EQUIPMENT ELEVATION

Z-5 SCALE: NONE



4 ULTRASITE MOUNTING BASE

A-4.2 SCALE: NONE

PREPARED FOR:

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450 SW Columbia Street
Suite 1100
Bainbridge, GA 31701

A/E:

CLEARLINX DESIGN, INC.
1022 EDENTON STREET
BIRMINGHAM, AL 35242
(205) 408-7171

SITE NUMBER: **PW54**

SITE NAME: **MARYLHURST**

ADDRESS: 19200 WILLAMETTE DRIVE
WEST Linn, OR 97068

SITE TYPE: **COLOCATE**

ENGINEER SEAL:

IT IS A VIOLATION OF LAW FOR ANY PERSON TO ALTER THIS DOCUMENT UNLESS AS DIRECTED BY A LICENSED PROFESSIONAL ENGINEER

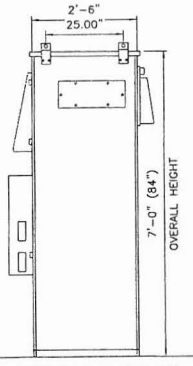
DRAWN BY :	S. GRIFFIN
CHECKED BY :	G. WISNKA
DATE :	03/09/09
PROJECT NO. :	

REV	DATE	DESCRIPTION
A	03/09/09	ISSUED FOR REVIEW

SHEET TITLE: **EQUIPMENT SPECIFICATIONS**

SHEET NUMBER: **Z-5**

51



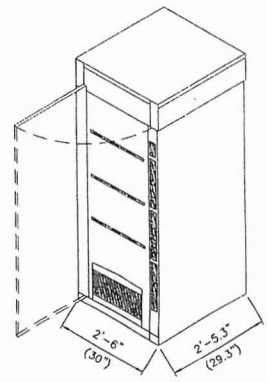
RIGHT SIDE VIEW

POWER CABINET DIMENSIONS

MANUFACTURER:	ARGUS TE21
HEIGHT:	84"
DEPTH:	30"
WIDTH:	30"
MAXIMUM CABINET WEIGHT (WITH UMTS):	2600 LBS

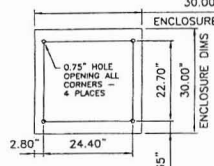
NOKIA OUTDOOR ULTRASITE BIS DIMENSIONS

MANUFACTURER:	NOKIA
HEIGHT:	76.4"
DEPTH:	29.5"
WIDTH:	30"
MAXIMUM CABINET WEIGHT (WITH UMTS):	845 LBS



ULTRASITE EQUIPMENT ISOMETRIC

6 A-4.2 SCALE: NONE

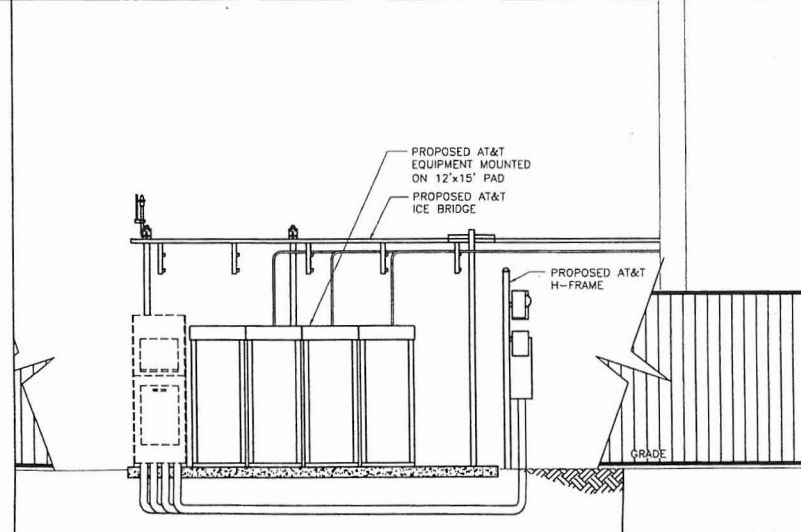


5 MOUNTING HOLE LOCATION

DRILL AND INSTALL CONCRETE ANCHORS (4) HILTI HSLB-M12/25 (ARGUS P/N 633-066-10) OR EQUIVALENT

ARGUS TE21 EQUIPMENT SPECIFICATIONS

5 A-4.2 SCALE: NONE



8 EQUIPMENT ELEVATION

Z-5 SCALE: 3/16"=1'-0"

7200 SW HUNZICKER, SUITE 208, PORTLAND, OR 97223
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 at&t

16221 NE 72nd Way, RTO 3, REDMOND, WA 98052

2345 MARQUETTE ROAD, SUITE 200, PORTLAND, OR 97201

PROJECT NO: 15862
 DRAWN BY: A. NEMAN
 CHECKED BY: J. SENEKEL

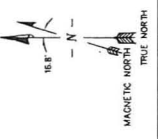
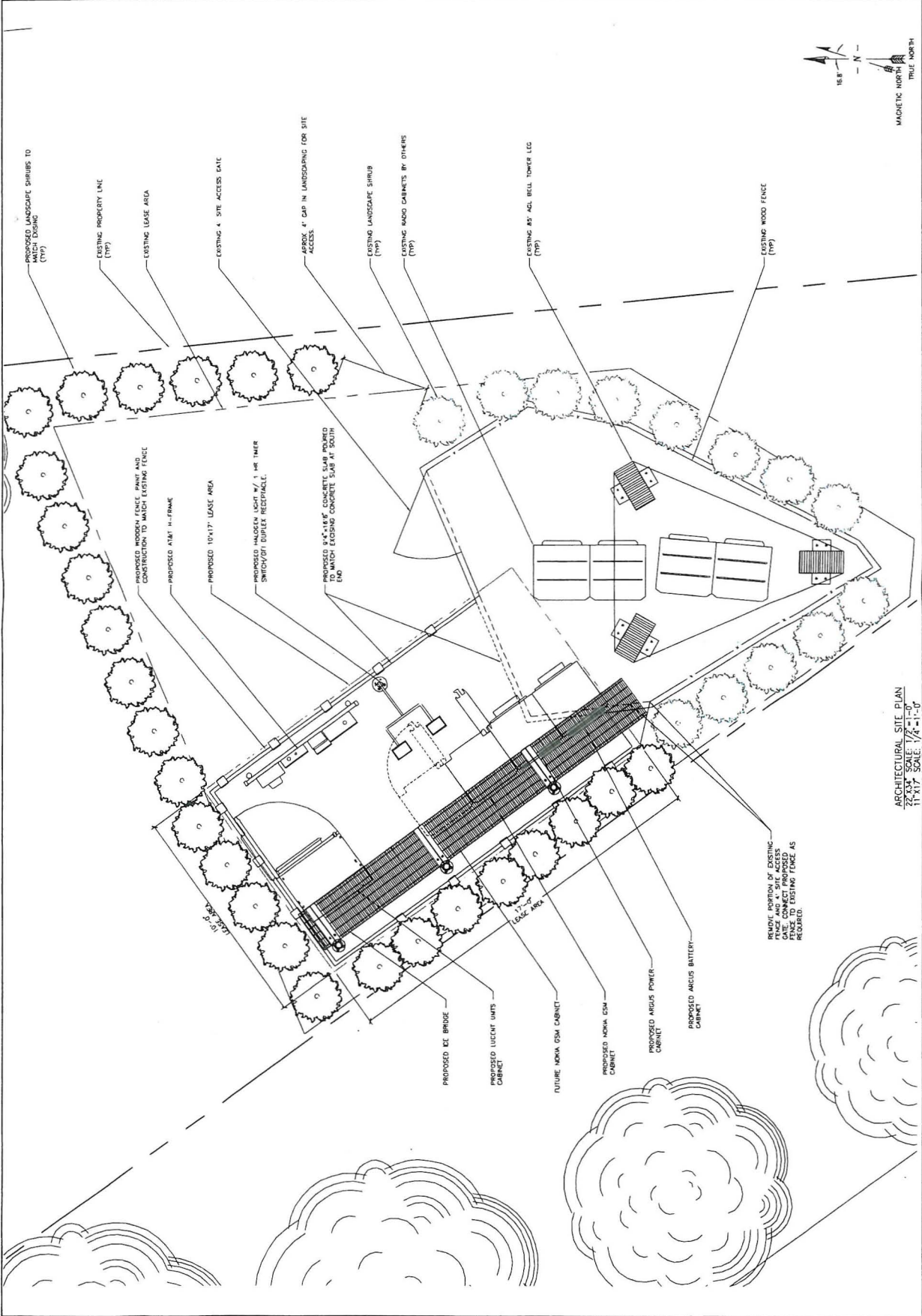
DATE	DESCRIPTION	LOGS	DRWG	REV
				0

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PLOT SCALE: 1/4" = 2'-0"
 1/2" = 4'-0"
 1" = 8'-0"

SITE NAME: MARLBURST
 18200 WILLAMETTE DRIVE
 WEST LINN, OR 97068

SHEET TITLE: LEASE EXHIBIT
 SHEET NUMBER: LE-1



ARCHITECTURAL SITE PLAN
 11'x17' SCALE 1/4" = 1'-0"



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PROPRIETARY INFORMATION

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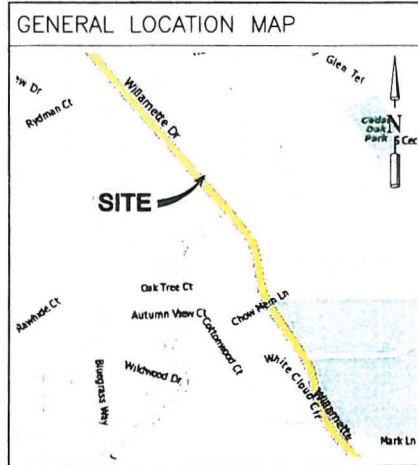
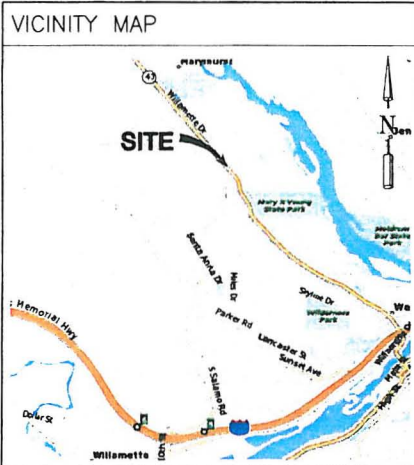
7360 SW HUNZIKER, PORTLAND, OR 97223

MARYLHURST
19200 WILLAMETTE DR.
WEST LINN, OR 97068
PW54

100% ZD SUBMITTAL



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18221 NE 72nd Way
REDMOND, WA 98052



PROJECT INFORMATION

APPLICANT:
AT&T MOBILITY CORPORATION
19801 SW 72nd AVE
TUALATIN, OR 97062
CONTACT: CERI ROPER
PH: 503-691-5019

PROJECT ENGINEER:
CSA CONSULTING ENGINEERS
2895 BEAVERCREEK ROAD
OREGON CITY, OR 97045
PH: 503-228-3848
FAX: 503-228-0475
MOBILE: 503-593-1707
CONTACT: JOHN CRAIG

SURVEYOR:
CSA CONSULTING ENGINEERS
2895 BEAVERCREEK ROAD
OREGON CITY, OR 97045
PH: 503-228-3848
FAX: 503-228-0475
MOBILE: 503-307-0298
CONTACT: CHRIS THOMAS

CODE INFORMATION:
ZONING CLASSIFICATION: R-10
BUILDING CODE: IBC 2006/NEC 2008
CONSTRUCTION TYPE: COLOCATE

OCCUPANCY: S-2
JURISDICTION: CITY OF WEST LINN
PROPOSED BUILDING USE: TELECOMMUNICATIONS

SITE LOCATION: (BASED ON NAD 83)
LATITUDE: N 45.38575'
LONGITUDE: W 122.6395'
TOP OF STRUCTURE: 90' A.G.L.
BASE OF STRUCTURE AMSL: 186.5' AMSL
(SEE A-1 FOR OTHER GROUND ELEV.)

PROJECT AREA:
170 S.F.

GENERAL INFORMATION:
1. PARKING REQUIREMENTS ARE UNCHANGED.
2. TRAFFIC IS UNAFFECTED.
3. SIGNAGE IS PROPOSED.

PROJECT DESCRIPTION:

AT&T MOBILITY LLC. PROPOSES TO CONSTRUCT AN UNSTAFFED RADIO TELECOMMUNICATIONS FACILITY CONSISTING OF A THREE-SECTOR ANTENNA ARRAY, MOUNTED TO AN EXISTING 80' AGL BELL TOWER WITH A PROPOSED 10' EXTENSION. RADIO BASE STATION EQUIPMENT IS TO BE INSTALLED ON A 9'-4"x16'-6" CONCRETE SLAB WITH IN A PROPOSED FENCED LEASE AREA.

LAND OWNER:
EMMANUEL PRESBYTERIAN
8547 154TH AVE NE
REDMOND, WA 98052
PH: 425-202-2775
CONTACT: BRYAN ADAMS

BUILDING OWNER:
EMMANUEL PRESBYTERIAN
8547 154TH AVE NE
REDMOND, WA 98052
PH: 425-202-2775
CONTACT: BRYAN ADAMS

PROJECT CONSULTANTS:
GOODMEN NETWORKS
7360 SW HUNZIKER STE 206
PORTLAND, OR 97223
OFFICE: 503-245-2913
FAX: 503-452-3853

TEAM LEAD:
SCOTT CATES
PH: 940-395-0499

SITE ACQUISITION:
PHIL ANDERSON
PH: 503-789-8700

ZONING AGENT:
VANESSA MEYER
PH: 503-207-1731

CONSTRUCTION COORDINATOR:
SCOTT HEFT
PH: 214-708-8307

SITE ACCESS:
BRYAN ADAMS
PH: 425-202-2775

PARCEL NUMBER(S):
21E24BB-04800

AREA OF PARCEL:
2.55 ACRES

NEW IMPERVIOUS AREA:
136 S.F.

POWER & TELCO COMPANIES
POWER: PGE
(800) 870-3419
TELCO: QWEST
(800) 244-1111

DRAWING INDEX

DWG. NO.	DESCRIPTION
T-1	TITLE SHEET
A-1	OVERALL SITE PLAN
A-1.1	ARCHITECTURAL SITE PLAN
A-2	ENLARGED SITE PLAN
A-3	ELEVATION(S)

DRIVING DIRECTIONS

FROM AT&T'S PORTLAND OFFICE, START OUT GOING SOUTH ON SW 72ND AVE TOWARD SW SACERT ST. TURN LEFT ONTO SW SACERT ST. TURN LEFT ONTO SW 65TH AVE. TURN RIGHT ONTO SW BORLAND RD. ENTER NEXT ROUNDABOUT AND TAKE 1ST EXIT ONTO SW STAFFORD RD. PASS THROUGH 1 ROUNDABOUT. KEEP RIGHT AT THE FORK TO CONTINUE ON SW STAFFORD RD. ENTER NEXT ROUNDABOUT AND TAKE 1ST EXIT ONTO S ROSEMONT RD. TURN LEFT ONTO HIDDEN SPRINGS RD. TURN LEFT ONTO WILLAMETTE DR/OR-43. 19200 WILLAMETTE DR IS ON THE RIGHT.

APPROVAL/SIGN OFF OF ZONING DRAWINGS

CONSULTANT GROUP SIGN OFF	DATE	SIGNATURE	AT&T SIGN OFF	DATE	SIGNATURE
CONSTRUCTION COORDINATOR			PROJECT MANAGER		
LANDLORD'S REPRESENTATIVE			INTERCONNECT		
PROJECT MANAGER			OPERATIONS		
SITE ACQUISITION			RF ENGINEER		
ZONING			RF MANAGER		
			CONSTRUCTION		

REVIEWERS SHALL CLEARLY PLACE INITIALS ADJACENT TO EACH REDLINE NOTE AS DRAWINGS ARE BEING REVIEWED

LEGAL DESCRIPTION

LEGAL DESCRIPTION



2895 BEAVERCREEK ROAD
OREGON CITY, OREGON 97045
(503) 228-3848

PROJECT NO: 10865

DRAWN BY: A INGMAN

CHECKED BY: J SENKEL

SUBMITTALS

DATE	DESCRIPTION	REV
130C109	LEASE EXHIBIT	0
090609	PRELIMINARY ZDS	1
190609	RELATES FROM CITY	2
122610	FINAL ZDS	3

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PLOT SCALE: 1:1 @ 22X34
1:2 @ 11X17

SITE NAME
**PW54
MARYLHURST**
19200 WILLAMETTE DRIVE
WEST LINN, OR 97068

SHEET TITLE

TITLE SHEET
PROJECT INFORMATION

SHEET NUMBER

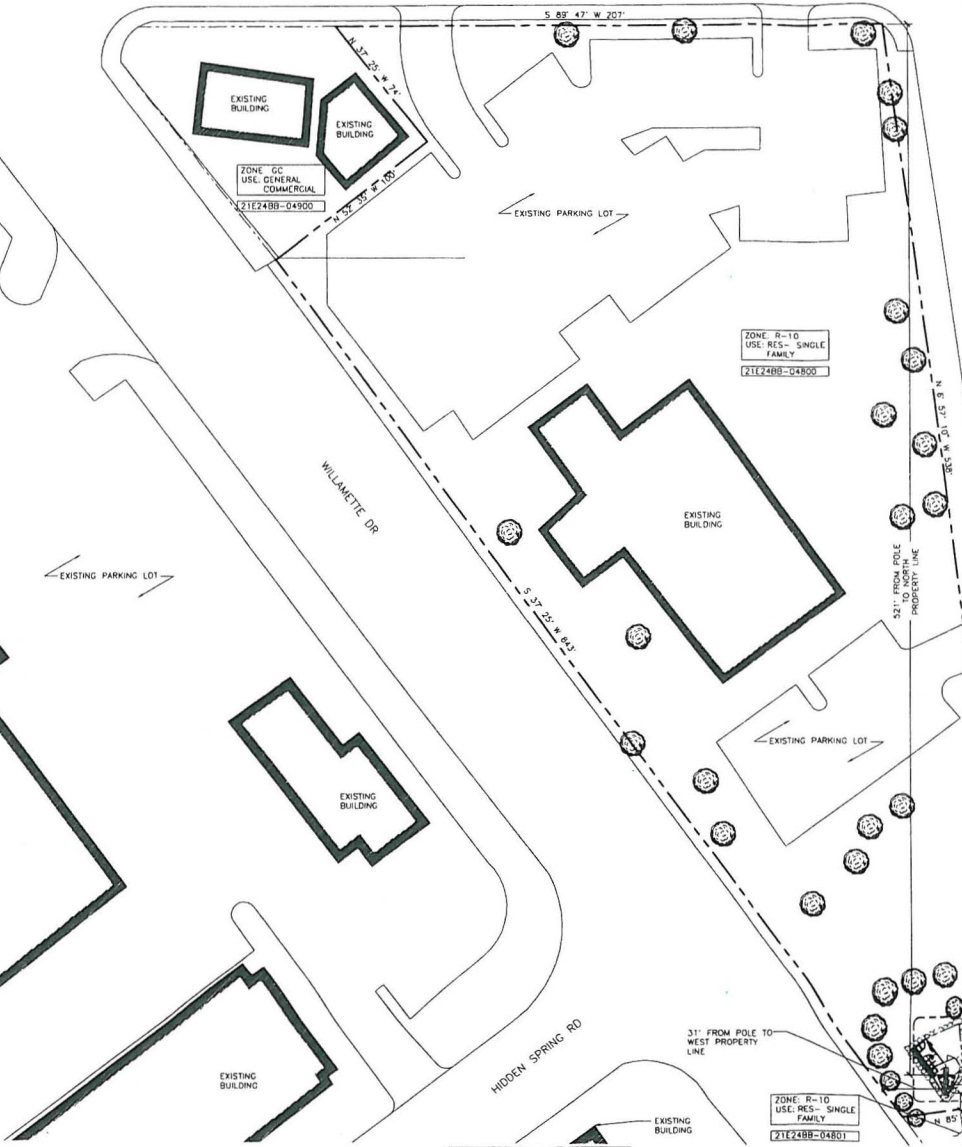
T-1

53

54

S CEADEROAK DR

S 85' 47" W 207'



LEGEND

- - - - - SUBJECT BOUNDARY LINE
- - - - - ADJACENT BOUNDARY LINE
- - - - - RIGHT OF WAY CENTERLINE
- - - - - RIGHT OF WAY LINE
- - - - - ZONING BOUNDARY LINE
- OHP --- OHP OVERHEAD POWER LINE
- UGP --- UGP BURIED POWER LINE
- GAS --- GAS BURIED GAS LINE
- W --- W BURIED WATER LINE
- SS --- SS BURIED SANITARY SEWER LINE
- SD --- SD BURIED STORM DRAIN LINE
- - - - - VEGETATION LINE
- - - - - CHAIN LINK FENCE
- - - - - WOOD FENCE
- - - - - BARBED WIRE FENCE/WIRE FENCE
- ⊕ TRANSFORMER
- ⊕ LIGHT STANDARD
- ⊕ UTILITY POLE
- ⊕ POWER BOX
- ⊕ UTILITY VAULT
- ⊕ POLE GUY WIRE
- ⊕ GAS VALVE
- ⊕ GAS METER
- ⊕ TELCO BOX
- ⊕ TELCO RISER
- ⊕ FIRE HYDRANT
- ⊕ Fire Dept Connection
- ⊕ GATE VALVE
- ⊕ WATER METER
- ⊕ CATCH BASIN, TYPE I
- ⊕ CATCH BASIN, TYPE II
- ⊕ SIGN
- ⊕ BOLLARD
- ⊕ MAILBOX
- ⊕ 122.45 ELEVATION POINT

LEGAL DESCRIPTION

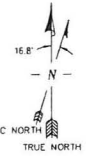
LEGAL DESCRIPTION

KENTHORPE WAY

OLD RIVER RD

WILLAMETTE DR

HIDDEN SPRING RD



VICINITY MAP



0' 30' 60' 90' GRAPHICAL SCALE IN FEET SCALE: 1"=30'

OVERALL SITE PLAN 22' X 34' SCALE: 1"=30'-0" 11' X 17' SCALE: 1"=60'-0"

ZONE R-10 USE: RES - SINGLE FAMILY 21E24BB-04B01

ZONE CG USE: GENERAL COMMERCIAL 21E24BB-04B00

ZONE R-10 USE: RES - SINGLE FAMILY 21E24BB-04B00

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18221 NE 72nd WAY
REDMOND, WA 98052

CSA CONSULTING ENGINEERS
2855 BEAVERCREEK ROAD
OREGON CITY, OREGON 97045
(503) 228-3648

PROJECT NO: 10665
DRAWN BY: A INGMAN
CHECKED BY: J. SENKEL

SUBMITTALS		
DATE	DESCRIPTION	REV
13OCT09	LEASE EXHIBIT	0
05NOV09	PRELIMINARY ZDS	1
19NOV09	RESOLVES FROM CITY	2
12JAN10	FINAL ZDS	3

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PLOT SCALE: 1.1 @ 22X34
1.2 @ 11X17

SITE NAME
PW54 MARLYHURST
19200 WILLAMETTE DRIVE
WEST LINN, OR 97068

SHEET TITLE
OVERALL SITE PLAN

SHEET NUMBER
A-1

7360 SW HUNZICKER, PORTLAND, OR 97223
 5000th Networks

at&t
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16221 NE 72nd Way
 Redmond, WA 98022

CSA CONSULTING ENGINEERS
 1885 BOATWRIGHT ROAD
 SEASIDE, OR 97138
 (503) 738-3348

PROJECT NO: 10865
 DRAWN BY: A. INDIKAR
 CHECKED BY: J. SINKEL

SUBMITTALS	
DATE	DESCRIPTION
10/20/09	DATE EXHIBIT
10/20/09	PRELIMINARY SETS
10/20/09	REVISED FROM CITY
12/01/09	FINAL SETS

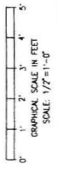
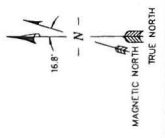
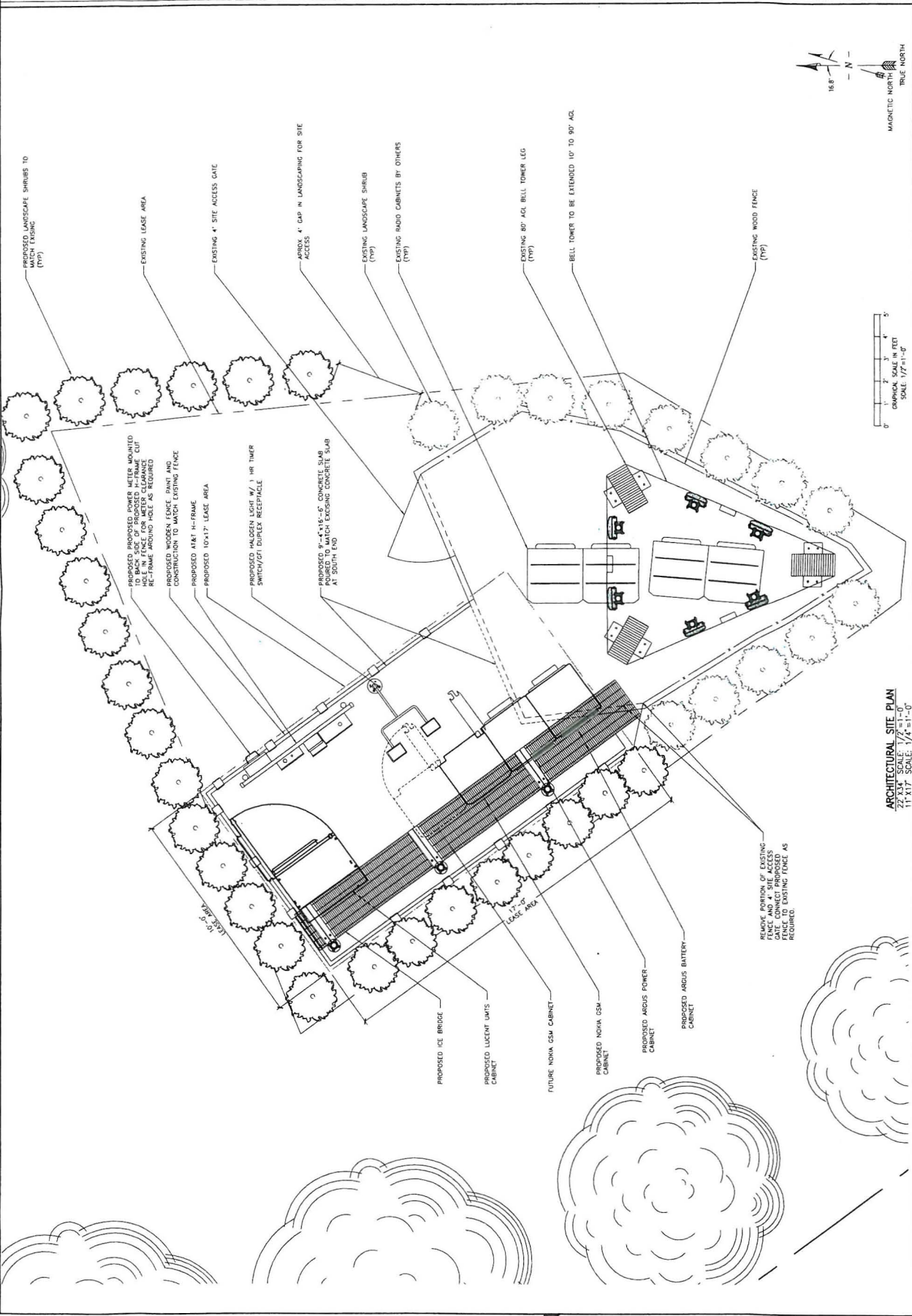
THIS DRAWING CONTAINS THE RESULTS OF A VISUAL SURVEY OF THE SITE. ANY USE OR DISCLOSURE OTHER THAN THAT AUTHORIZED BY THE CONTRACT IS STRICTLY PROHIBITED. THIS DRAWING IS THE PROPERTY OF THE ENGINEER. IT IS PROVIDED SOLELY FOR USE BY THE OWNER AND ITS AGENTS AND CONTRACTORS. NO WARRANTY IS MADE BY THE ENGINEER FOR THE USE OF THE INFORMATION CONTAINED HEREIN. IT IS FORBIDDEN TO COPIY, REPRODUCE, OR TRANSMIT IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF THE ENGINEER.

PLOT SCALE: 1" = 22.234'
 1" = 11.117'

SITE NAME:
PWSA
MARLYTHURST
 19200 WILLAMETTE DRIVE
 WEST Linn, OR 97088

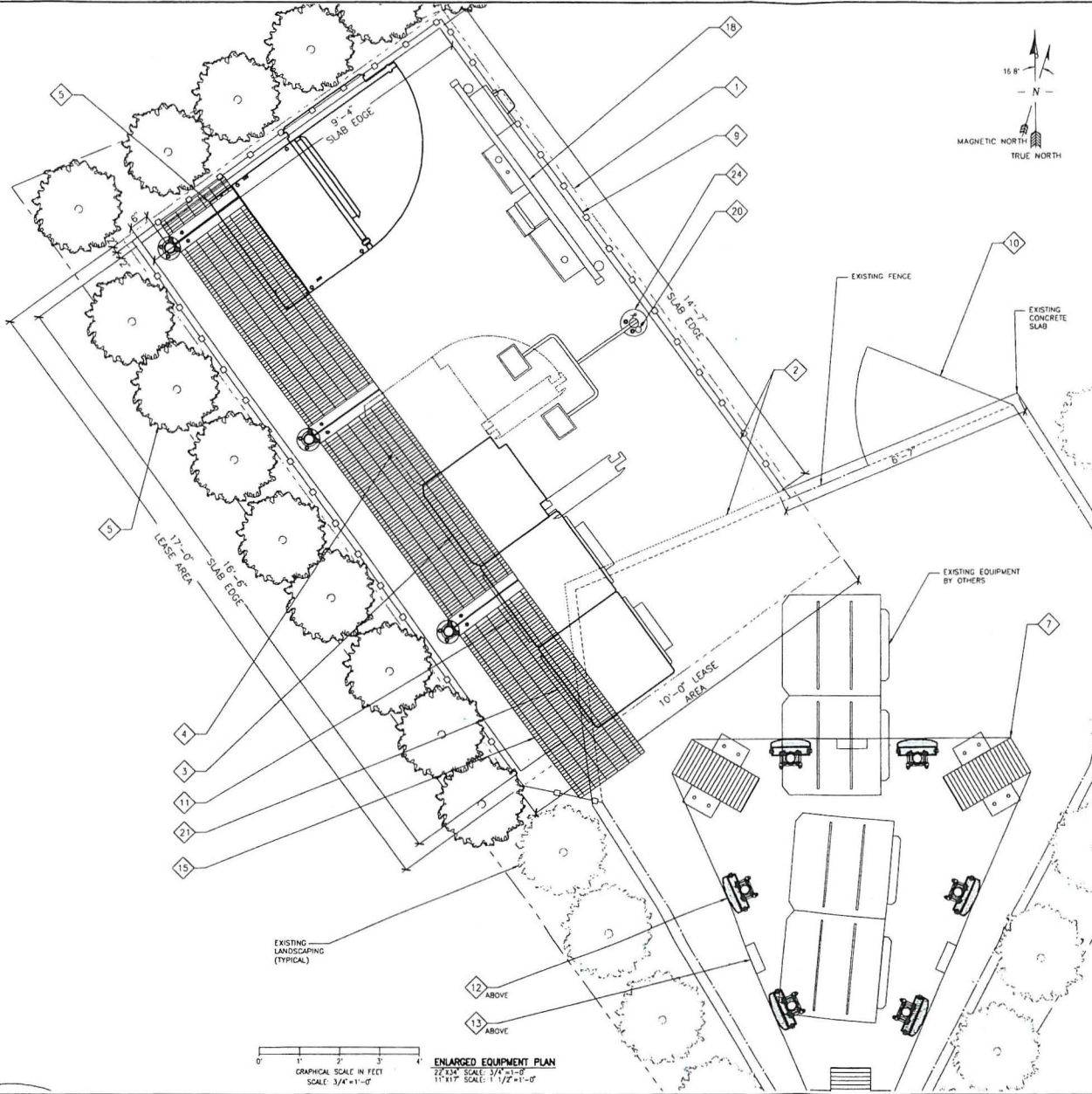
SHEET TITLE:
LEASE
EXHIBIT

SHEET NUMBER:
A-1.1



ARCHITECTURAL SITE PLAN
 22 X 34" SCALE: 1/4" = 1'-0"
 11 X 17" SCALE: 1/4" = 1'-0"

56



CONSTRUCTION PLAN KEYED NOTES

- ◇ PROPOSED 10'x17' LEASE AREA.
- ◇ PROPOSED 9'-4"x16'-6" CONCRETE SLAB POURED TO MATCH EXISTING CONCRETE SLAB AT SOUTH END (PROVIDED BY CONTRACTOR)
- ◇ NOKIA ULTRASITE CABINETS NO. 1 & 2 (PRIMARY - PROVIDED BY AT&T) SEE DETAILS SHEET A-3.2
- ◇ NOKIA ULTRASITE CABINETS NO. 3 & 4 (EXPANSION - PROVIDED BY AT&T).
- ◇ LUCENT UMTS CABINET (PROVIDED BY AT&T)
- ◇ EXISTING 80' AGL BELL TOWER LEG. (TYP)
- ◇ 8'-0" HIGH WOODEN FENCE PAINTED AND FRAMED TO MATCH EXISTING (PROVIDED BY CONTRACTOR). 8'-0" POST TO POST TYPICAL.
- ◇ EXISTING 4'-0" WIDE SWINGING WOODEN GATE. AT&T SIGNAGE MOUNTED TO GATE.
- ◇ ARGUS POWER CABINET
- ◇ PROPOSED ANTENNAS MOUNTED TO CLOCK TOWER (PROVIDED BY AT&T)
- ◇ MASTHEAD AMPLIFIER MOUNTED TO CLOCK TOWER(MHA - PROVIDED BY AT&T)
- ◇ PEDESTAL MOUNTED ICE BRIDGE (PROVIDED BY CONTRACTOR)
- ◇ AT&T POWER AND TELCO CABINETS MOUNTED ON H-FRAME. (PROVIDED BY CONTRACTOR)
- ◇ GPS/E911 COMBINED ANTENNA (PROVIDED BY AT&T) GPS ANTENNA INSTALLED WITH A RAD. CENTER OF 10' AGL ON LIGHT SUPPORT POST.
- ◇ ARGUS BATTERY BACKUP CABINET
- ◇ PROPOSED LANDSCAPING (TYPICAL)
- ◇ REGENT 300W HALOGEN LIGHTS, INSTALLED AT AN ELEVATION OF 7'-0" AGL. W/ 1 HR TIMER SWITCH/DFI DUPLEX RECEPTACLE

SITE NOTES

EXISTING EQUIPMENT BY OTHERS

EXISTING FENCE

EXISTING CONCRETE SLAB

8'-7"

COAX LENGTH SCHEDULE

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

SECTOR	LENGTH	# COAX	DIAMETER
SECTOR "1"	100'	4	7/8"
SECTOR "2"	100'	4	7/8"
SECTOR "3"	100'	4	7/8"



PROJECT NO: 10865

DRAWN BY: A. INGMAN

CHECKED BY: J. SENKEL

SUBMITTALS

DATE	DESCRIPTION	REV
3/30/09	LEASE EXHIBIT	0
05/06/09	PRELIMINARY ZD'S	1
19/06/09	REDLINES FROM CITY	2
12/04/10	FINAL ZD'S	3

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PLOT SCALE: 1:1 @ 22x34
1:2 @ 11x17

SITE NAME
**PWS4
MARLYHURST**
19200 WILLAMETTE DRIVE
WEST LINN, OR 97068

SHEET TITLE

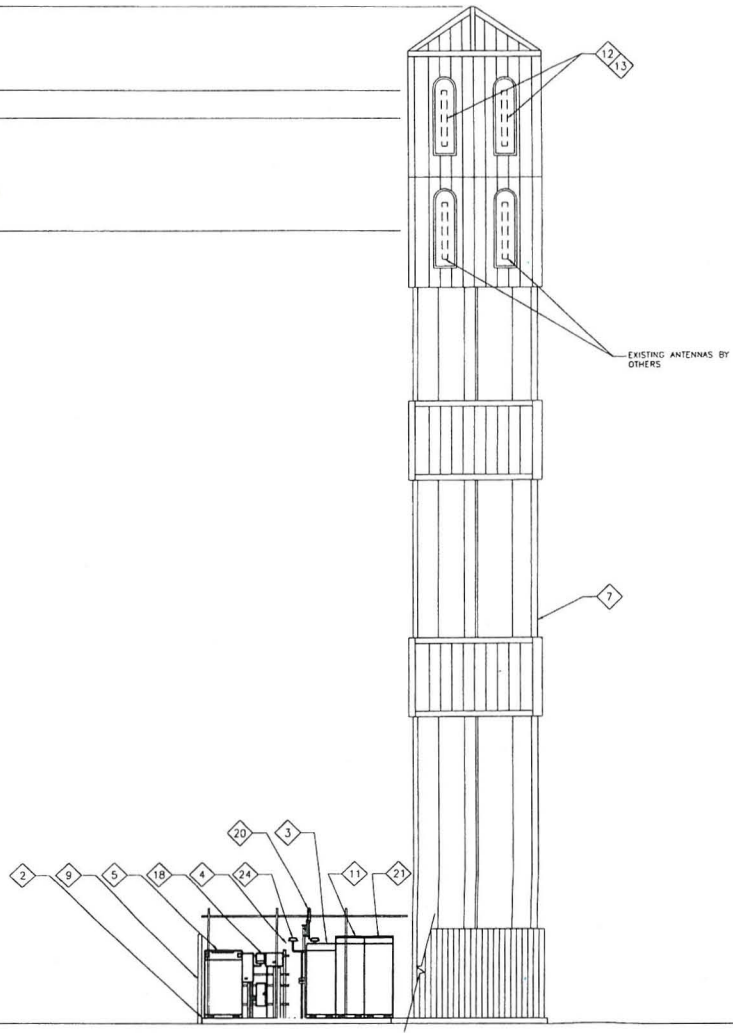
**ENLARGED
SITE PLAN**

SHEET NUMBER

A-2

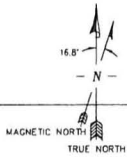
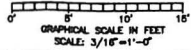
57

- TOP OF PROPOSED BELL TOWER EXTENSION
90'-0" ± AGL
- TOP OF PROPOSED AT&T ANTENNA
87'-6" AGL
- TOP OF EXISTING BELL TOWER
80'-0" AGL
- EXISTING ANTENNA RAD CENTER BY OTHERS
70'-0" AGL



FINISH GRADE
0'-0" AGL

WEST ELEVATION
22'x34' SCALE: 3/16"=1'-0"
11'x17' SCALE: 3/32"=1'-0"



CONSTRUCTION PLAN KEYED NOTES

- ◇ PROPOSED 9'-4"x16'-6" CONCRETE SLAB POURED TO MATCH EXISTING CONCRETE SLAB AT SOUTH END (PROVIDED BY CONTRACTOR)
- ◇ NOKIA ULTRASTE CABINETS NO. 1 & 2 (PRIMARY - PROVIDED BY AT&T)
- ◇ NOKIA ULTRASTE CABINETS NO. 3 & 4 (EXPANSION - PROVIDED BY AT&T)
- ◇ LUCENT UMTS CABINET (PROVIDED BY AT&T)
- ◇ EXISTING 80' AGL BELL TOWER LEG (TYP)
- ◇ 8'-0" HIGH WOODEN FENCE PAINTED AND FRAMED TO MATCH EXISTING (PROVIDED BY CONTRACTOR) 8'-0" POST TO POST TYPICAL
- ◇ ARGUS POWER CABINET
- ◇ PROPOSED ANTENNAS MOUNTED TO CLOCK TOWER (PROVIDED BY AT&T)
- ◇ MASTHEAD AMPLIFIER MOUNTED TO CLOCK TOWER(MHA - PROVIDED BY AT&T)
- ◇ PEDESTAL MOUNTED ICE BRIDGE (PROVIDED BY CONTRACTOR)
- ◇ AT&T POWER AND TELCO CABINETS MOUNTED ON H-FRAME (PROVIDED BY CONTRACTOR)
- ◇ GPS/E911 COMBINED ANTENNA (PROVIDED BY AT&T) GPS ANTENNA INSTALLED WITH A RAD CENTER OF 10' AGL ON LIGHT SUPPORT POST.
- ◇ ARGUS BATTERY BACKUP CABINET
- ◇ REGENT 300W HALOGEN LIGHTS, INSTALLED AT AN ELEVATION OF 7'-0" AGL W/ 1 HR TIMER SWITCH/ON DUPLEX RECEPTACLE

SITE NOTES

COAX LENGTH SCHEDULE

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

SECTOR	LENGTH	# COAX	DIAMETER
SECTOR "1"	100'	4	7/8"
SECTOR "2"	100'	4	7/8"
SECTOR "3"	100'	4	7/8"



7360 SW HUNZICHER
SUITE 206
PORTLAND, OR 97233



Your world Delivered
16221 NE 72nd Way
Redmond, WA 98052

CSA
CONSULTING ENGINEERS
2855 BEAVERCREEK ROAD
OREGON CITY, OREGON 97145
(503) 238-3648

PROJECT NO: 10865

DRAWN BY: A. INDMAN

CHECKED BY: J. SENKEL

SUBMITTALS

DATE	DESCRIPTION	REV.
130C109	LEASE EXHIBIT	0
050609	PRELIMINARY ZDS	1
19NOV09	REDLINES FROM CITY	2
12JAN10	FINAL ZDS	3

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PLOT SCALE: 1:1 @ 22X34
1:2 @ 11X17

SITE NAME

PWS4
MARLYHURST
19200 WILLAMETTE DRIVE
WEST LINN, OR 97068

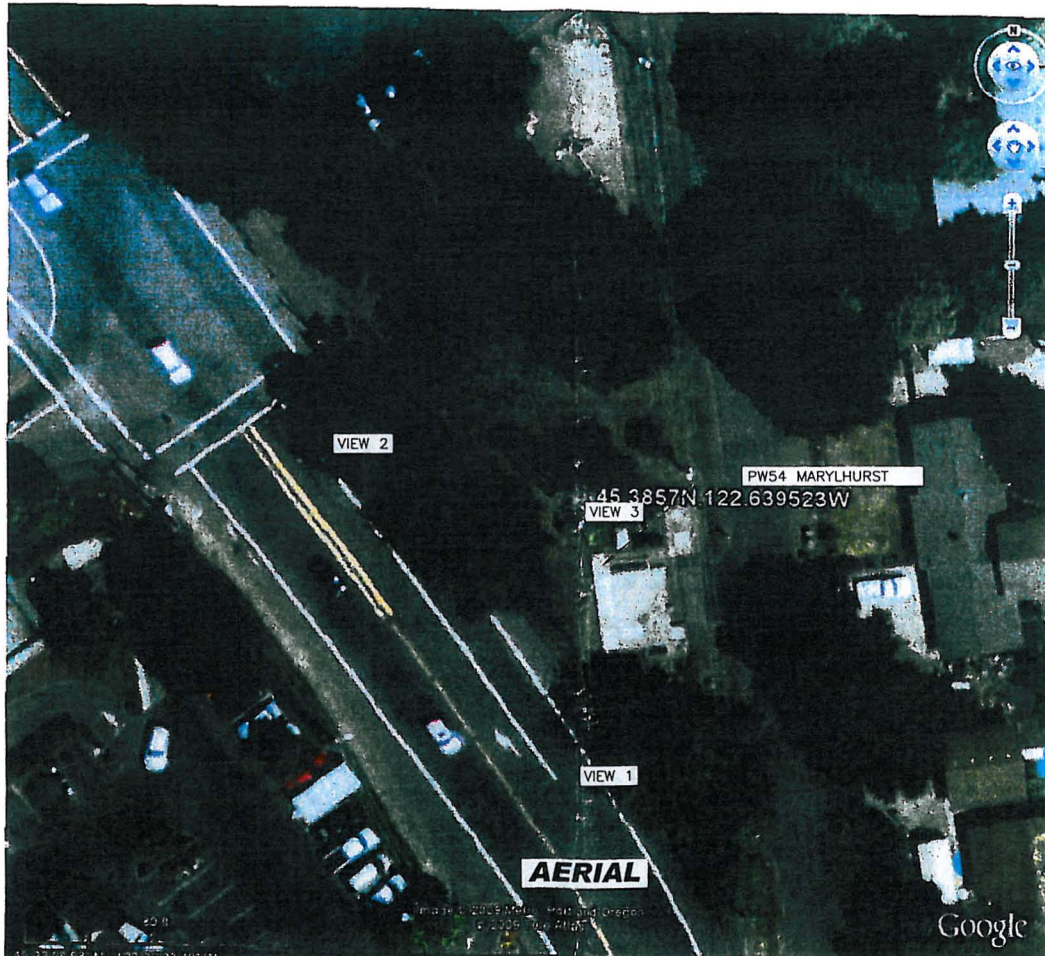
SHEET TITLE

ELEVATIONS

SHEET NUMBER

A-3

58



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650 SW Columbia Street
Suite 7200
Bend, OR 97702



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MARYLHURST

PW54

FOR VISUAL REFERENCE ONLY.
ACTUAL VISIBILITY IS DEPENDANT
UPON WEATHER CONDITIONS,
SEASON, SUNLIGHT, AND VIEWER
LOCATION.

PAGE:	1 OF 7
DATE:	3/4/2009
CREATED BY:	M. NIBLETT

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CLEARLIX DESIGN, INC.
1022 EDENTON STREET
BIRMINGHAM, AL 35242
(205) 408-7171

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VIEW 1 - BEFORE



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LOCATION.

PAGE:	2 OF 7
DATE:	3/4/2009
CREATED BY:	M. NIBLETT

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LOCATION.

PAGE:	3 OF 7
DATE:	3/4/2009
CREATED BY:	M. NIBLETT

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SEASON, SUNLIGHT, AND VIEWER
LOCATION.

PAGE:	4 OF 7
DATE:	3/4/2009
CREATED BY:	M. NIBLETT

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LOCATION.

PAGE:	5 OF 7
DATE:	3/4/2009
CREATED BY:	M. NIBLETT

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SEASON, SUNLIGHT, AND VIEWER
LOCATION.

PAGE:	6 OF 7
DATE:	3/4/2009
CREATED BY:	M. NIBLETT

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SEASON, SUNLIGHT, AND VIEWER
LOCATION.

PAGE:	7 OF 7
DATE:	3/10/2009
CREATED BY:	M. NIBLETT

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1022 EDENTON STREET
BIRMINGHAM, AL 35242
(205) 408-7171

PWS4



7360 SW Hunziker Street, Suite 206
Portland, OR 97223
Phone: (503) 367-5577
Fax: (503)207-1737

October 21, 2009

John Sonnen, Planning Director
City of West Linn Planning Department
22500 Salamo Road
West Linn, OR 97068

RE: Alteration to Proposal for Modification to Existing Approval (CUP-97-05, DR-97-23)

Dear Mr. Sonnen,

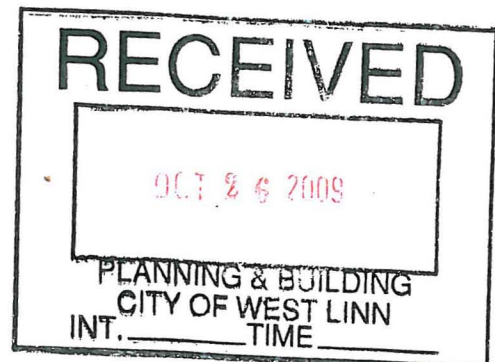
This letter is to notify and detail modifications made to the CUP submitted on September 25, 2009 for a modification to an existing wireless communication facility. Since the time of the submittal, alterations have been made to the location of the new ground equipment, as shown on the attached revised site plan. The equipment and pad will be rotated approximately 90 degrees, but will remain on the north side of the existing monopole, along Old River Road. All equipment will be contained within the agreed lease area and will still be contained within an 8' tall wooden fence.

No further alterations to the proposed 10' extension to the existing tower, façade design, or landscaping will result as a result of this minor change to the proposed development. The proposed site plan modification is in compliance with all West Linn CDC standards for a Wireless Communication Facility (chapter 57) within the low-density residential (R-10) designation, nor will affect the submitted responses to criteria in Chapter 60 CUP or Chapter 55 Design Review.

An updated site plan with equipment detailing is attached, to replace Sheet Z-2 and Z-3. Please feel free to contact me with and questions you may have. Thank you for your time and consideration in this matter.

Sincerely,

Vanessa E. Meyer, Associate Planner
Goodman Networks, Inc/AT&T Wireless
7360 SW Hunziker Street, Suite 206
Portland, Oregon 97236



65

7300 SW HUNZICKER, PORTLAND, OR 97223
 16221 NE 72nd WAY, REMOND, MA 02032

at&t

16221 NE 72nd Way
 REMOND, MA 02032
 (508) 728-3346

PROJECT NO: 10005
 DRAWN BY: A. NOJAN
 CHECKED BY: J. SENDEL
 DATE: SUBMITTALS
 LOCATION: USE COMP: B

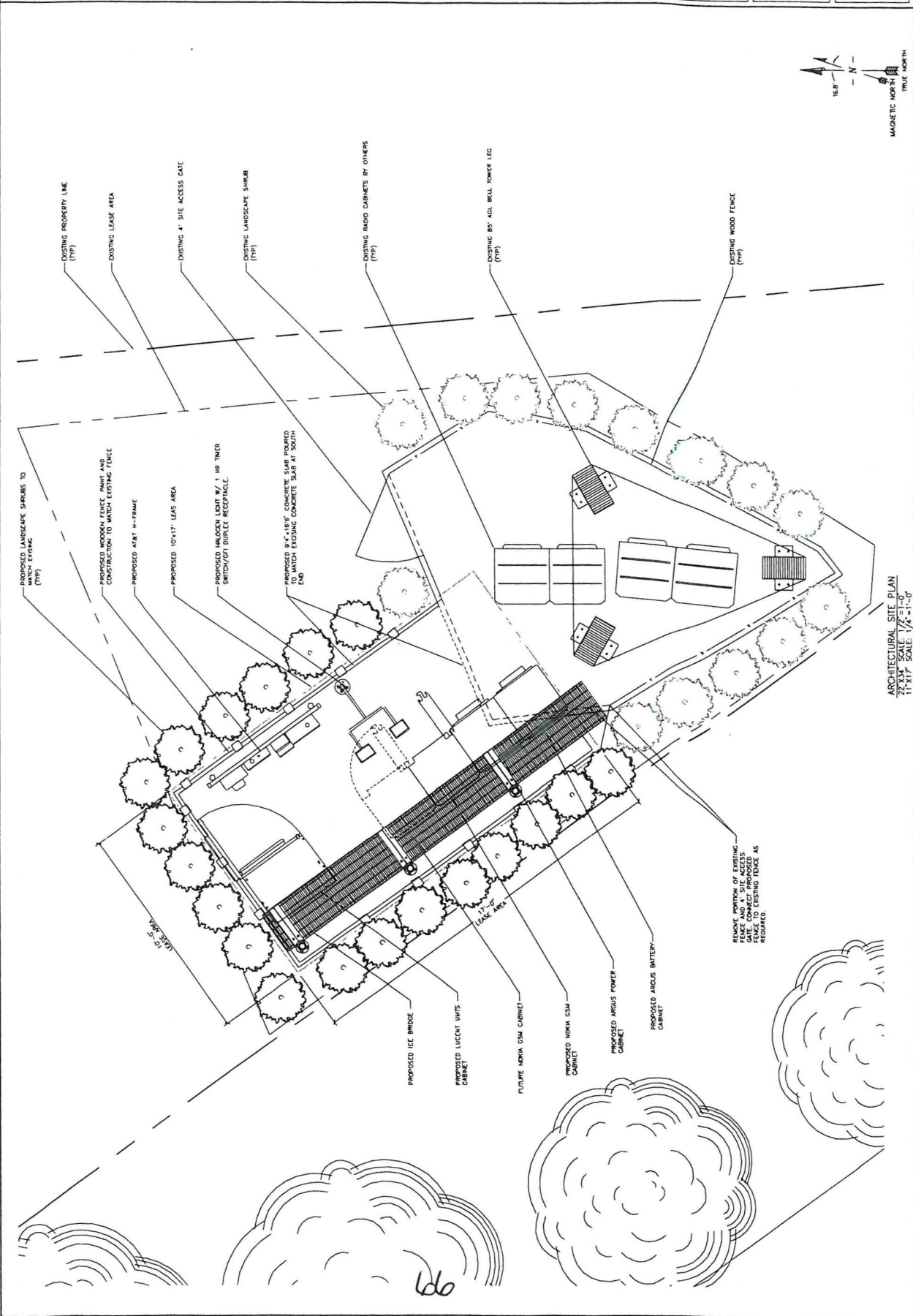
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PLOT SCALE: 1" = 20'-0" (1:200)

SITE NAME: PWS4
 MARLBOROUGH
 19200 WILLAMETTE DRIVE
 WEST LINN, OR 97108

SHEET TITLE: LEASE EXHIBIT

SHEET NUMBER: LE-1



660



7360 SW Hunziker Street, Suite 206
Portland, OR 97223
Phone: (503) 367-5577
Fax: (503)207-1737

RECEIVED
JAN 20 2010
PAGE..... OF.....

January 20, 2010

City of West Linn
Attn: Peter Spir
22500 Salamo Road
West Linn, OR 97068

RE: CUP-09-02/DR-09-06

Dear Peter:

Per your October 20, 2009 notification, our application for a Conditional Use Permit and Class I Design Review for the addition of ten feet to the existing WCF stealth tower at 19200 Willamette Drive was incomplete. Upon review, it was found that additional information and more specific labeling was needed on the site plans and elevations.

Enclosed you will find an updated set of drawings that now include all of the required information. Please contact me at 503-207-1731 if you have any questions or comments pertaining to these updates. Thank you for your time and consideration.

Sincerely,

Vanessa E. Meyer
Associate Planner, Goodman Networks
Goodman Networks, Inc.
vmeyer@goodmannetworks.com



Terracon Consultants, Inc.
21905 64th Avenue West, Suite 100
Mountlake Terrace, WA 98043
Phone 425-771-3304
Fax 425-771-3549
www.terracon.com

February 4, 2010

Mr. John Sonnen, Planning Director
City of West Linn
22500 Salamo Road
West Linn, OR 97015
503-723-2524
jsonnen@westlinnoregon.gov

**RE: Invitation to Comment as a Consulting Party
Proposed Collocation of Wireless Antennas
Applicant Name: Goodman Networks
Site Name: Marylhurst
Site Number: PW54
19200 Willamette Drive
West Linn, Clackamas County, Oregon
Terracon Project Number: 82097751**

Dear Mr. Sonnen:

On behalf of Goodman Network's client, AT&T, Terracon is writing to invite your comment on the effect of the above-referenced project on historic resources within the project Area of Potential Effects (APE) that are eligible for the National Register of Historic Places. We are requesting your review pursuant to Section 106 of the National Historic Preservation Act, the Advisory Council on Historic Preservation's regulation for compliance with Section 106, and the Nationwide Programmatic Agreement on the Collocation of Wireless Antennas (adopted March 16, 2001), and the Nationwide Programmatic Agreement effective March 7, 2005.

Field assessment for both historic properties and archaeological sites will be conducted and a determination will be made of the project's direct and indirect effects on eligible properties. Consulting parties are invited to provide information concerning historic or archaeological properties already listed in the National Register or that could be eligible for listing in the National Register.

All equipment associated with the proposed telecommunications antenna will be located in an approximate 12-foot by 15-foot lease area located north of the tower. Additional ground disturbance will include power and telco easements that will extend from the lease area approximately 50 feet south (power) and 50 feet east southeast (telco). The proposed antenna is located at 45° 23' 8.57" North, 122° 38' 22.35" West (based on NAD 83).

Thank you for your prompt consideration of this matter. If you wish to respond by email, I may be reached at mywheaton@terracon.com. If you have any questions, please do not hesitate to call the Terracon office at 425-771-3304.

Invitation to Comment as a Consulting Party
Goodman Networks
Site Name: Marylhurst
Site Number: PW54
Terracon Project Number: 82097751
Page 2

Terracon

Sincerely,

Terracon



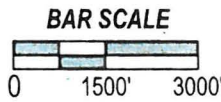
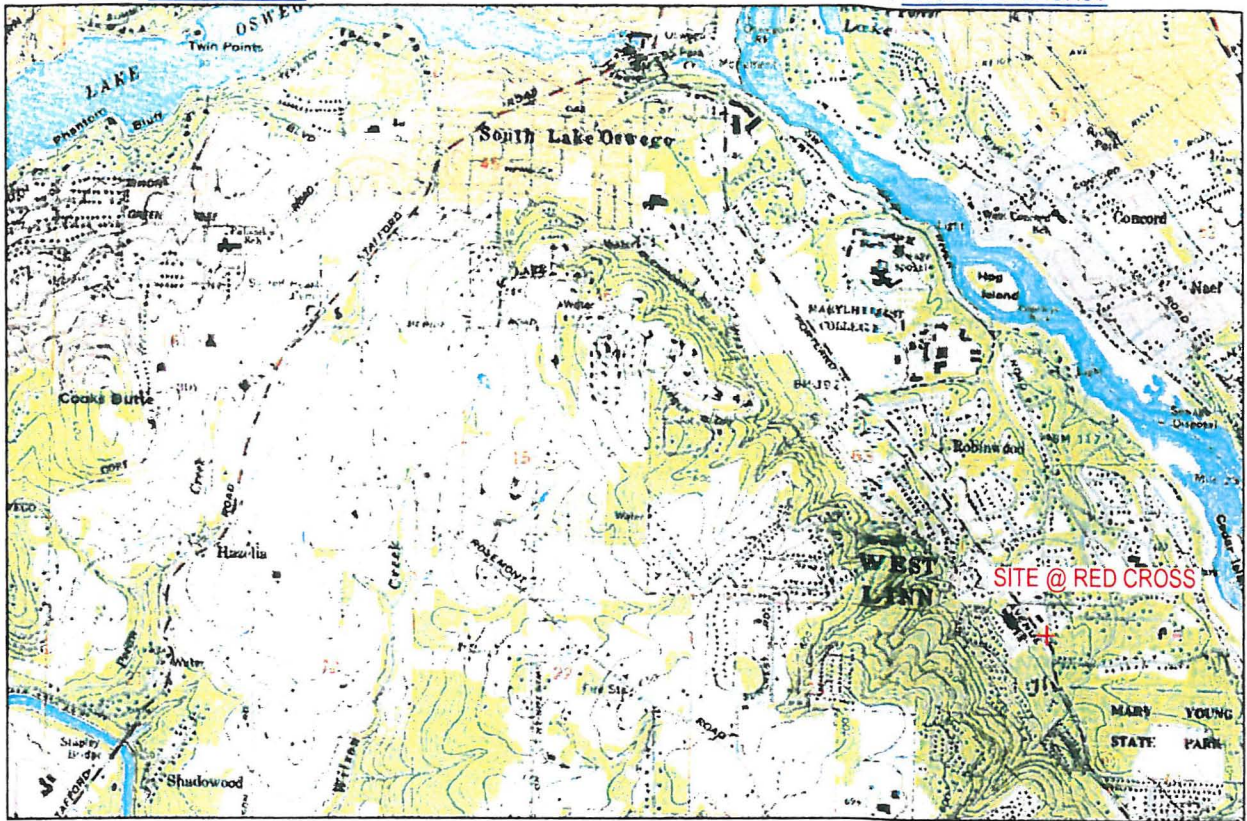
Matt Wheaton
Project Manager

Attachments: Color Topographic Map
Site Plan & Zone Drawings
Site Photographs

1A SURVEY CERTIFICATION

USID: _____

SITE: PW54 MARYLHURST



ASRN _____

ADDRESS: 19200 WILLAMETTE DRIVE
WEST LINN, OREGON 97068

STRUCTURE TYPE: COLOCATE

GEOGRAPHIC COORDINATES

LATITUDE: 45°23'08.57"N (NAD 83)
 LONGITUDE: 122°38'22.35"W (NAD 83)
 ELEVATION - GROUND 186.5' (NAVD 88)
 HEIGHT: (AGL- ABOVE GROUND LEVEL)
 HEIGHT OF STRUCTURE: 85.9 FEET (PROPOSED AT&T BELL TOWER)
 HEIGHT OF OVERALL STRUCTURE: 85.9 FEET (PROPOSED AT&T BELL TOWER)
 HEIGHT OF CELLULAR ANTENNA: 80.0 FEET (PROPOSED AT&T RADIO CENTER)

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
JANUARY 12, 1999
F. NEIL HIBBS
52989

DATE OF SURVEY: MARCH 17, 2009

EXPIRATION DATE: 06/30/2009

I CERTIFY THAT THE LATITUDE AND THE LONGITUDE SHOWN ABOVE ARE ACCURATE TO WITHIN 15 FEET HORIZONTALLY AND THAT THE SITE ELEVATION IS ACCURATE TO WITHIN 3 FEET VERTICALLY, WHICH MEET 1A STANDARDS AS DEFINED ON THE FAA ASAC INFORMATION SHEET 91:003. THE HORIZONTAL DATUM (GEOGRAPHIC COORDINATES) ARE IN TERMS OF THE NORTH AMERICAN DATUM OF 1983 (NAD 83) AND ARE EXPRESSED AS DEGREES (°), MINUTES ('), AND SECONDS ("), TO THE NEAREST HUNDREDTH OF A SECOND. THE VERTICAL DATUM (ELEVATION AMSL) IS IN TERMS OF THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).



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PREPARED FOR:



A/E:

ClearLinX
DESIGN, INC.
CLEARLINX DESIGN, INC.
1022 EDENTON STREET
BIRMINGHAM, AL 35242
(205) 408-7171

PRELIMINARY ZONING DRAWINGS

03/09/09

TO BE REVIEWED, REDLINED AND SIGNED BY GOODMAN NETWORKS & AT&T

MARYLHURST
19200 WILLAMETTE DRIVE
WEST LINN, OR 97068
PW54

SITE NUMBER:

PW54

SITE NAME:

MARYLHURST

ADDRESS:
19200 WILLAMETTE DRIVE
WEST LINN, OR
97068

SITE TYPE:

COLOCATE

ENGINEER SEAL:



IT IS A VIOLATION OF LAW FOR ANY PERSON TO ALTER THIS DOCUMENT UNLESS AS DIRECTED BY A LICENSED PROFESSIONAL ENGINEER

DRAWN BY:	S. GRITH
CHECKED BY:	G. MCKAWA
DATE:	03/09/09
PROJECT NO.:	

REVISION

REV	DATE	DESCRIPTION
0	04/10/09	ISSUED FOR ZONING

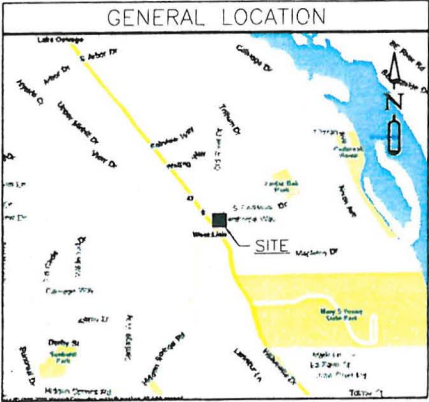
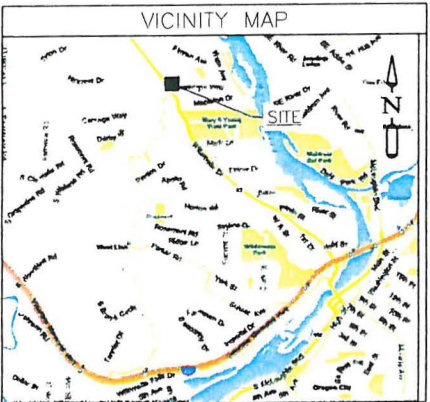
SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1

14



PROJECT INFORMATION

APPLICANT:
AT&T MOBILITY
19802 SW 72ND AVE
STE 200
TUALATIN, OR 97062
GERI ROPER
PH: (503) 691-5019

PROJECT ENGINEER:
MIKE COWAN
CLEARLINX DESIGN, INC.
1022 EDENTON STREET
BIRMINGHAM, AL
205-408-7171

CODE INFORMATION:
ZONING CLASSIFICATION: R-10
CONSTRUCTION TYPE: COLOCATE
JURISDICTION: CITY OF WEST LINN
PROPOSED BUILDING USE: TELECOM

LAND OWNER:
CROWN CASTLE
8547 154TH AVE NE
REDMOND, WA 98052
CONTACT: BRYAN ADAMS
PH: 425-202-2775

TEAM LEAD:
GOODMAN NETWORKS
SCOTT SHANNON
7360 HUNZIKER ST, STE 206
PORTLAND, OR 97223
503.780.8277

ZONING AGENT:
KEVIN PROVANCE
GOODMAN NETWORKS
7360 HUNZIKER ST, STE 206
PORTLAND, OR 97223
503.367.5577

LEASING AGENT:
JOAN MURRAY
GOODMAN NETWORKS
7360 HUNZIKER ST, STE 206
PORTLAND, OR 97223
214.708.8307

CONSTRUCTION MANAGER:
SCOTT HEFT
GOODMAN NETWORKS
7360 HUNZIKER ST, STE 206
PORTLAND, OR 97223
214.708.8307

SITE LOCATION:
LONGITUDE: -122.63952
LATITUDE: 45.3857
TOP OF (E) STRUCTURE AGL: 80'+10' EXT.
BASE OF STRUCTURE AMSL: 968'

SITE ACQUISITION:
GOODMAN NETWORKS
7360 HUNZIKER ST, STE 206
PORTLAND, OR 97223

PROJECT CONSULTANTS:
GOODMAN NETWORKS
7360 HUNZIKER ST, STE 206
PORTLAND, OR 97223

SHEET INDEX

SHEET	DESCRIPTION
1-1	TITLE SHEET
2-1	OVERALL SITE PLAN
2-2	COMPOUND PLAN
2-3	ENLARGED EQUIPMENT PLAN
2-4	ELEVATIONS
2-5	EQUIPMENT SPECS

LEGAL DESCRIPTION

LOT FOUR (4) IN SECTION THIRTY-ONE (31), TOWNSHIP SEVENTEEN (17) SOUTH, RANGE TWELVE (12) EAST OF THE WILLAMETTE MERIDIAN, DESCHUTES COUNTY, OREGON.

EXCEPTING THEREFROM A TRACT OF LAND IN THE NORTHEAST CORNER OF SAID LOT FOUR(4), AS DESCRIBED AND CONVEYED IN DEED FROM A.C. LUCAS AND WIFE TO J.S. SMITH AND J.A. HOLMES, EXECUTED MAY 29, 1911, AND RECORDED IN DEED RECORDS OF DESCHUTES COUNTY, OREGON, BOOK 9, PAGE 549.

PROJECT AREA:
180 SQ. FT.

PARCEL NUMBER(S):
212488-04800

AREA OF PARCEL:
36.85 ACRES

POWER:
PROVIDER: PACIFIC POWER
CUST. SERV.: (888) 221-7070

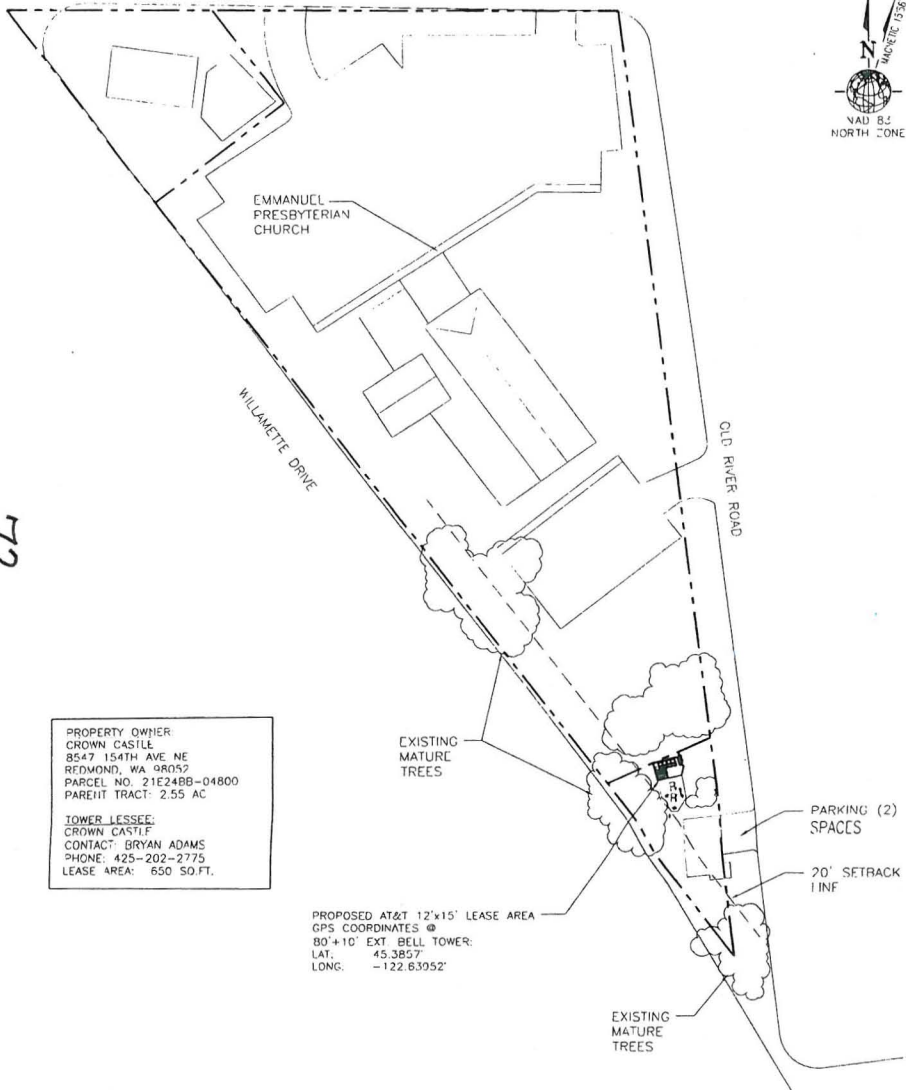
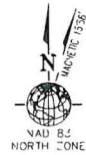
TELEPHONE:
PROVIDER: QWEST
CUST. SERV.: (800) 244-1111

DRIVING DIRECTIONS

DIRECTIONS FROM TUALATIN, OREGON;
FROM SW 72ND AVE, TURN LEFT/EAST ON TO SW SAGERI STREET FOR 0.4 MI. TURN LEFT/NORTH ONTO SW 65TH AVE, THEN TAKE IMMEDIATE RIGHT ON TO SW BORLAND ROAD FOR 2.1 MI. TURN LEFT ONTO SW STAFFORD RD FOR 1.4 MI. TURN RIGHT/EAST ON TO ROSEMONT ROAD FOR 2.1 MI. TURN LEFT/NORTHEAST ON TO HIDDEN SPRINGS RD FOR 1.2 MI TO THE INTERSECTION OF WILLAMETTE DR. BELL TOWER IS TO THE RIGHT ACROSS WILLAMETTE ABOUT 100 FT. SITE ACCESS IS FROM OLD RIVER DRIVE BEHIND THE CHURCH.

APPROVAL/SIGN OFF OF ZONING DRAWINGS

CONSULTANT GROUP SIGN OFF	DATE	SIGNATURE	AT&T SIGN OFF	DATE	SIGNATURE
CONSTRUCTION COORDINATOR			CONSTRUCTION		
LANDLORD'S REPRESENTATIVE			COMPLIANCE		
PROJECT MANAGER			INTERCONNECT		
SITE ACQUISITION			OPERATIONS		
ZONING			RF ENGINEER		



PROPERTY OWNER
CROWN CASTLE
8547 154TH AVE NE
REDMOND, WA 98052
PARCEL NO. 21E24B9-04800
PARENT TRACT: 2.55 AC

TOWER LESSEE:
CROWN CASTLE
CONTACT: BRYAN ADAMS
PHONE: 425-202-2775
LEASE AREA: 650 SQ.FT.

PROPOSED AT&T 12'x15' LEASE AREA
GPS COORDINATES @
80'+10' EXT BELL TOWER:
LAT: 45.3857
LONG: -122.63952'

PLAN
SCALE: NTS

THIS INFORMATION WILL BE REPLACED BY A SURVEY FROM A LICENSED SURVEYOR UPON COMPLETION

72

LEGAL DESCRIPTION

TRACT LOCATED NW1/4NW1/4; LOTS 2-3; SW1/4; PT CL 49; PT CL 48; LEGS RD & PT 50 (IN DPA) SEE R3133A FOR RAI TOTAL, ACRES 175.60

NOTES

1. NO TITLE RESEARCH PROVIDED AT THIS TIME. CALCULATED BOUNDARY MAY CHANGE UPON RECEIPT OF TITLE.
2. FIELD WORK CONDUCTED IN FEBRUARY, 2009.
3. BASIS OF BEARING: Oregon STATE PLANNING COORDINATE SYSTEM
4. UNDERGROUND UTILITIES SHOWN HEREON, IF ANY, WERE DELINEATED FROM SURFACE EVIDENCE AND/OR UTILITY COMPANY RECORDS. CRITICAL LOCATIONS SHOULD BE VERIFIED PRIOR TO DESIGN AND CONSTRUCTION.

ENGINEERING/CONSTRUCTION NOTES:

1. PARCEL SIZE AND CONFIGURATION ARE SUBJECT TO CHANGE AS MAY BE REQUIRED TO OBTAIN PLANNING AND ZONING APPROVALS.
2. LEASED AREA SHALL INCLUDE 24 HOUR A DAY ACCESS FROM PUBLIC PROPERTY TO EQUIPMENT AND ANTENNAS.
3. LEASED PREMISES SHALL INCLUDE SUITABLE AREA WITHIN LANDLORD'S SPACE FOR ROUTING OF CABLES AND UTILITIES BETWEEN THE EQUIP. AREA, MOUNTED ANTENNAS, AND UTILITY SERVICE ENTRANCE LOCATIONS FOR THE NECESSARY CONNECTIONS FOR EACH.
4. THE OWNER AND AT&T MOBILITY HEREBY AGREE TO THE GENERAL LEASE AREA LOCATION SPECIFIED OF THIS LEASE EXHIBIT. THE EXACT LOCATIONS OF BASE STATION EQUIPMENT, CABLES, UTILITIES, AND ANTENNAS ARE SUBJECT TO FINAL ENGINEERING DESIGN AND ULTIMATELY THE LEASABLE AREA MAY BE MODIFIED TO REFLECT THE FINAL ENGINEERING DESIGN.
5. PROPERTY LINES DEPICTED HEREIN ARE TAKEN FROM AVAILABLE TAX MAPS AND ARE APPROXIMATE ONLY.

SOURCE OF TITLE:
NO TITLE REPORT PROVIDED

SURVEY REFERENCE:

- LEGEND:**
- SUBJECT BOUNDARY LINE
 - RIGHT-OF-WAY CENTERLINE
 - RIGHT-OF-WAY LINE
 - ADJACENT BOUNDARY LINE
 - SECTIONAL BREAKDOWN LINE
 - OVERHEAD POWER LINE
 - BURIED POWER LINE
 - BURIED GAS LINE
 - OVERHEAD TELEPHONE LINE
 - BURIED TELEPHONE LINE
 - BURIED WATER LINE
 - RUBBER SANITARY SEWER
 - DIAPHRAGM STORM DRAIN
 - DITCH LINE/LOW LINE
 - ROCK RETAINMENT WALL
 - VEGETATION LINE
 - CHAIN LINK FENCE
 - WOOD FENCE
 - BARBED WIRE/ARMS FENCE
 - TRANSFORMER
 - GATE VALVE
 - LIGHT STANDARD
 - WATER METER
 - POWER WALL
 - FIRE STAND PIPE
 - UTILITY BOX
 - CATCH BASIN
 - TYPE I
 - POLE CUT WIRE
 - CATCH BASIN
 - CAS VALVE
 - TYPE II
 - GAS METER
 - SIEN
 - TELEPHONE VALVE
 - BOLLARD
 - TELEPHONE RISE
 - MAN BOX
 - FIRE HYDRANT
 - SPOT ELEVATION

- NOTE:**
- 1) ALL ELEVATIONS SHOWN ARE ABOVE MEAN SEA LEVEL.
 - 2) ALL ELEVATIONS REFERENCED BY THE WORD AS DATUM.
 - 3) ALL TOWER, TREE AND INTERFERENCE HEIGHTS ARE ABOVE GROUND LEVEL (AGL).
 - 4) ALL HEIGHTS REPRESENTED ARE ACCURATE TO ±0.5 FEET IF 10' OR MORE IN HEIGHT OR ±2.0% OF TOTAL HEIGHT FOR HEIGHTS GREATER THAN 100'.

- TREE LEGEND:**
- AL = ALDER
 - AP = APRIL
 - DS = DECIDUOUS
 - MA = MAPLE
 - CA = CACTUS
 - CH = CHERRY
 - CO = COCONUT
 - DO = DOUGLAS FIR
 - HE = HEMLOCK
 - PI = PINE
 - EVG = EVERGREEN

NOTE: DIMENSION LINES ARE TO SCALE. DIMENSION NUMBERS MORE APPROXIMATE AT 30' TO 40' ABOVE GROUND LEVEL. TREES SHOWN ARE FOR REFERENCE ONLY AND OTHER TREES AND VEGETATION MAY EXIST.

SITE INFORMATION:

TRACT LOT NUMBER: 21E24B9-04800
SITE ADDRESS: 19200 WILLAMETTE DRIVE
WEST LINN, OR 97068

PROPERTY OWNER: CROWN CASTLE
COUNTY: DEWITT COUNTY
PHONE NUMBER: 425-202-2775
ZONING: C20' OF WEST LINN
TOTAL LOT AREA: 100 SQ. FT.

COORDINATE DATE & POSITION ELEVATION DERIVED USING:

LAT: 45.3857N; LONG: 122.63952W; GPS ACCURACY METERS OF 1.0M - 12.0M (RTK) AND 8.5 METERS (IN SINGLESHOT MODE).
GROUND ELEVATION = 860.50' REFERRED TO THE FEA 854C
HEIGHT OF TOWER = 85'±10' EST. INFORMATION SHEET 91-003

BOUNDARY DISCLAIMER:
THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY. SUBJECT AN ADJACENT PROPERTY LINE ARE DERIVED USING FIELD-FOUND EVIDENCE AND RECORD INFORMATION.

CAUTION:
THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY. SUBJECT AN ADJACENT PROPERTY LINE ARE DERIVED USING FIELD-FOUND EVIDENCE AND RECORD INFORMATION.

CALL 2 WORKING DAYS BEFORE YOU DIG

UTILITIES UNDERGROUND LOCATION CENTER
1-800-332-2344

PREPARED FOR:



A/E:
ClearLinx
DESIGN, INC.
CLEARLIX DESIGN, INC.
1022 EDEWTON STREET
BIRMINGHAM, AL 35242
(205) 408-7171

SITE NUMBER:
PW54

SITE NAME:
MARYLHURST

ADDRESS:
19200 WILLAMETTE DRIVE
WEST LINN, OR
97068

SITE TYPE:
COLOCATE

ENGINEER SEAL:

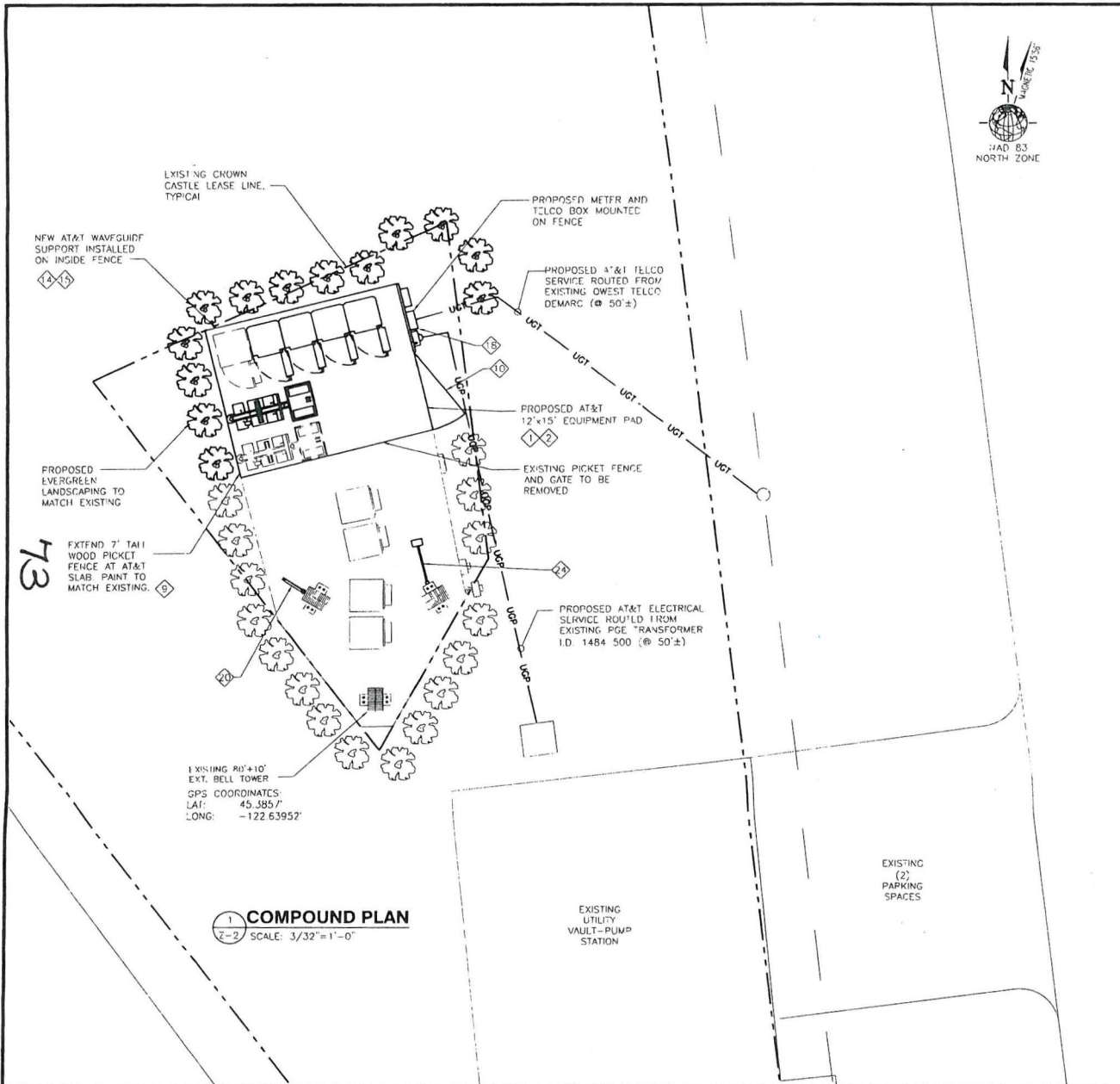
IT IS A VIOLATION OF LAW FOR ANY PERSON TO ALTER THIS DOCUMENT UNLESS AS DIRECTED BY A LICENSED PROFESSIONAL ENGINEER.

DRAWN BY: S. OSTIN
CHECKED BY: G. MIKAWA
DATE: 03/09/09
PROJECT NO.:

REV	DATE	REVISION DESCRIPTION
0	04/10/09	ISSUED FOR ZONING

SHEET TITLE:
OVERALL SITE PLAN

SHEET NUMBER:
Z-1



CONSTRUCTION PLAN KEYED NOTES

- 1 PROPOSED 12'x15' AT&T LEASE AREA
- 2 PROPOSED AT&T 12'x15' CONCRETE EQUIPMENT PAD (PROVIDED BY CONTRACTOR)
- 3 PROPOSED AT&T MOXA ULTRASTAR CABINETS NO 1 & 2 (PRIMARY - PROVIDED BY AT&T)
- 4 PROPOSED AT&T MOXA ULTRASTAR CABINETS NO 3 (UPA/JIN - PROVIDED BY AT&T)
- 5 PROPOSED LUCCENT LIMB CABINET (PROVIDED BY AT&T)
- 6 PROPOSED AT&T ANTENNA MOUNTING ON PIPE MOUNTS
- 7 EXISTING CONCRETE FOUNDATION PILES & STEEL MONOPINE TOWER TO BE ANALYZED BY GEOTECH ENGINEER WITH ADDITIONAL ANTENNA & GUY CENDING APPLIED
- 8 DESIGNATED GROUND SURFACES TO BE REPAIRED WITH 1 3/4" DIA. WINDUS LUTSUS-ROCK IN AREAS WHERE REPAIR IS REQUIRED.
- 9 7'-6" HIGH WOOD PRIVACY FENCE (PROVIDED BY CONTRACTOR) 8'-0" POST TO POST TYPICAL
- 10 5'-0" WIDE SWINGING WOOD LOCKING GATE (PROVIDED BY CONTRACTOR) AT&T SHANG HOUNG TO GATE LOCK AND SHANG PROVIDED BY CONTRACTOR
- 11 PROPOSED AT&T ARJIS 1200 ADV POWER CABINET (PROVIDED BY AT&T)
- 12 PROPOSED ANTENNAS (PROVIDED BY CONTRACTOR) MOUNTED ON PIPE MOUNTS (EMPIRES)
- 13 PROPOSED WALSHHEAD AMPLIFIER (WHA) AND DUPLEXER-COMBINE (PROVIDED BY CONTRACTOR)
- 14 COAXIAL CABLE (PROVIDED BY CONTRACTOR) TO ANTENNAS
- 15 PRECAST WOODEN COAXIAL FEEDER (PROVIDED BY CONTRACTOR)
- 17 PROPOSED POWER & TELCO TRENCHES
- 18 PROPOSED AT&T UTILITY W-FRAME MOUNTED ON FENCE WITH 200A ELEC METER & TELCO PANEL (PROVIDED BY CONTRACTOR)
- 19 PROPOSED AT&T GPS/A-D11 COVERED ANTENNA (PROVIDED BY CONTRACTOR)
- 20 PROPOSED AT&T GPS/A-1185B BATTERY BACKUP CABLES (PROVIDED BY AT&T)
- 21 PROPOSED AT&T GPS/A-D11 COVERED ANTENNA (PROVIDED BY CONTRACTOR)
- 22 PROPOSED AT&T COAX CABLE BUNDLE (PROVIDED BY CONTRACTOR) CONTAINING 10 ANTENNAS
- 23 PROPOSED AT&T REGENT 300W HALOGEN LIGHT W/ 1 HP TIMER SWITCH/GFI/RECEPTACLE (PROVIDED BY CONTRACTOR)
- 24 PROPOSED GRAVEL ACCESS ROAD WITH (LUPHARD)
 - AT&T WILL REPLACE EXISTING FENCE

SITE NOTES

- 1 VERIFY ANTENNA PAD CENTER & AZIMUTHS WITH LOCKDOWN SET BY SITE BLDG FORM

ENGINEERING/CONSTRUCTION NOTES:

- 1 PARCEL SIZE AND CONFIGURATION ARE SUBJECT TO CHANGE AS MAY BE REQUIRED TO OBTAIN PLANNING AND ZONING APPROVALS
- 2 LEASED AREA SHALL INCLUDE 24 HOUR A DAY ACCESS FROM PUBLIC PROPERTY TO EQUIPMENT AND ANTENNAS.
- 3 LEASED PREMISES SHALL INCLUDE SUITABLE AREA WITHIN LEASED/TOPTO'S SPACE FOR MOUNTING OF CABLES AND UTILITIES BETWEEN THE EQUIPMENT AREA, MOUNTED ANTENNAS, AND UTILITY SERVICE ENTRANCE LOCATIONS FOR THE NECESSARY CONNECTIONS FOR EACH.
- 4 THE OWNER AND AT&T MOBILITY HEREBY AGREE TO THE GENERAL LEASE AREA LOCATION SPECIFIED OF THIS LEASE EXHIBIT THE EXACT LOCATIONS OF BASE STATION EQUIPMENT, CABLES, UTILITIES, AND ANTENNAS ARE SUBJECT TO FINAL ENGINEERING DESIGN AND ULTIMATELY THE LEASABLE AREA MAY BE MODIFIED TO REFLECT THE FINAL ENGINEERING DESIGN.
- 5 PROPERTY LINES DEPICTED HEREIN ARE TAKEN FROM AVAILABLE TAX MAPS AND ARE APPROXIMATE ONLY.

PREPARED FOR:



A/E:



SITE NUMBER:

PW54

SITE NAME:

MARYLHURST

ADDRESS:

19200 WILLAMETTE DRIVE
WEST LINN, OR
97068

SITE TYPE:

COLOCATE

ENGINEER SEAL:



IT IS A VIOLATION OF LAW FOR ANY PERSON TO ALTER THIS DOCUMENT UNLESS AS DIRECTED BY A LICENSED PROFESSIONAL ENGINEER.

DRAWN BY:	S. OYTHM
CHECKED BY:	C. UKAWA
DATE:	03/09/09
PROJECT NO.:	

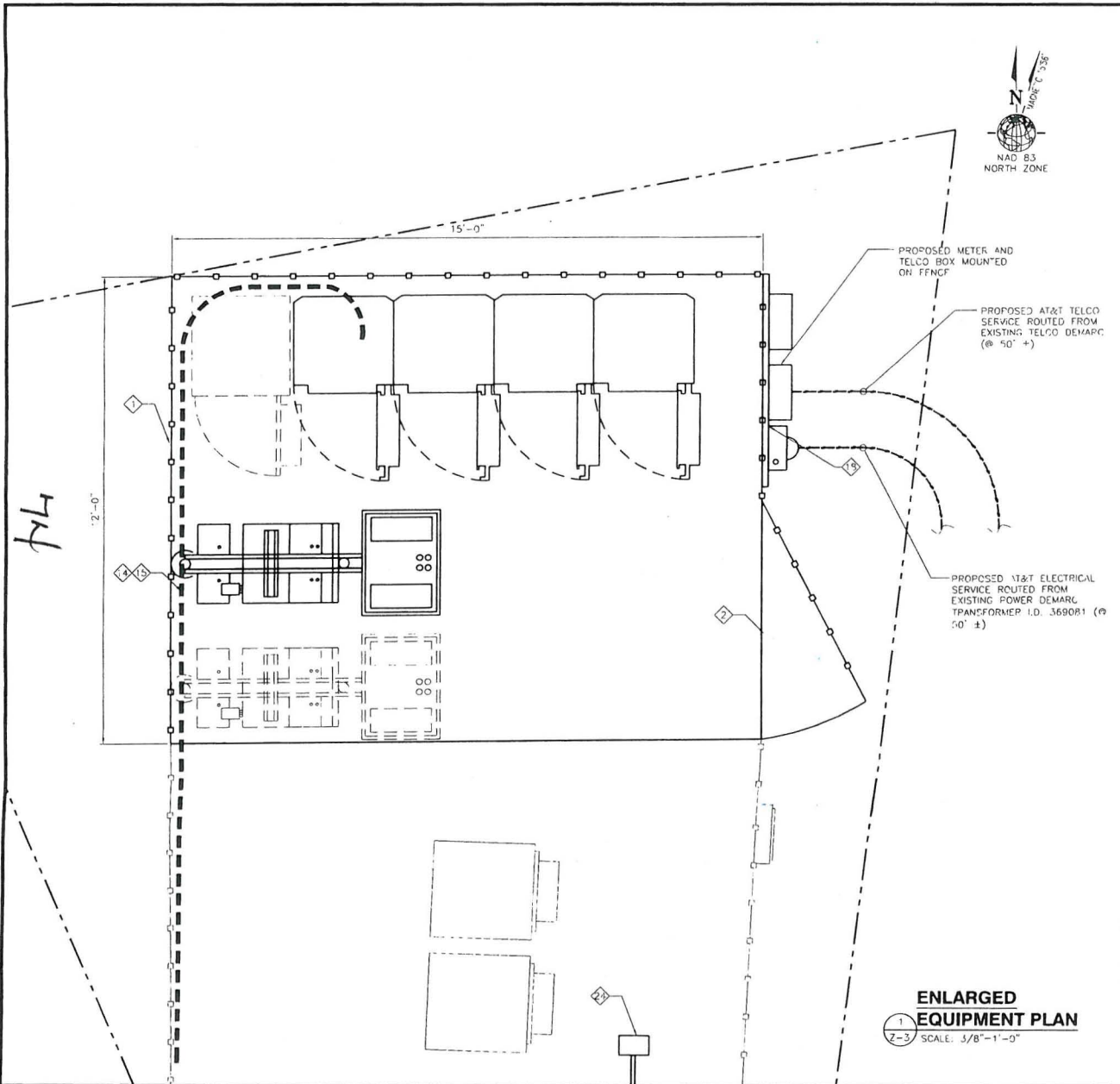
REVISION	
NO.	DESCRIPTION
0	ISSUED FOR TRAINING

SHEET TITLE

COMPOUND PLAN

SHEET NUMBER

Z-2



CONSTRUCTION PLAN KEYED NOTES

- 1 PROPOSED 12x15 AT&T LEASE AREA
 - 2 PROPOSED AT&T 12x15 CONCRETE EQUIPMENT PAD (PROVIDED BY CONTRACTOR)
 - 3 PROPOSED AT&T HOKA ULTIMATE CABINETS NO. 1 & 2 (PROVIDED BY AT&T)
 - 4 PROPOSED AT&T HOKA ULTIMATE CABINETS NO. 3 (DISPATCH - PROVIDED BY AT&T)
 - 5 PROPOSED LUCENT LIMES CABINET (PROVIDED BY AT&T)
 - 6 PROPOSED AT&T ANTENNA MOUNTING ON PIPE MOUNTS
 - 7 EXISTING CONCRETE FOUNDATION PERKS & STEALTH WORKSPACE TOWER TO BE ANALYZED BY OREGON STATE LICENSED ENGINEER WITH ADDITIONAL ANTENNA & COAX LOADING APPLIED
 - 8 DESIGNATED GRADING SURFACES TO BE PREPARED WITH 1 3/4" DIA. LIMES CRUSHED ROCK IN AREAS WHERE REPAIR IS REQUIRED
 - 9 3'-0" HIGH WOOD PINE-NEX FENCE (PROVIDED BY CONTRACTOR), 8'-0" POSTS TO POST TYPICAL
 - 10 3'-0" WIDE SWINGING WOOD LOCKING GATE (PROVIDED BY CONTRACTOR) AT&T SIGNAGE MOUNTED TO FENCE LOCK AND SHAGE PROVIDED BY CONTRACTOR
 - 11 PROPOSED AT&T ARGUS 1120 4-W POWER PANEL (PROVIDED BY AT&T)
 - 12 PROPOSED ANTENNAS (PROVIDED BY CONTRACTOR) MOUNTED ON PIPE MOUNT ASSEMBLIES
 - 13 PROPOSED WAVEHEAD AMPLIFIER (WHA) AND DIPLEXER-COMBINE (PROVIDED BY CONTRACTOR)
 - 14 COAXIAL CABLE (PROVIDED BY CONTRACTOR) TO ANTENNAS
 - 15 FENCE MOUNTED COAX SUPPORTS (PROVIDED BY CONTRACTOR)
 - 16 PROPOSED POWER & TELCO TRENCHES
 - 17 PROPOSED AT&T UTILITY RAILFRAME MOUNTED 1-4 FENCE WITH 200# 111" WIRE & TELCO PANTS (PROVIDED BY CONTRACTOR)
 - 18 PROPOSED AT&T CPS/E-011 COMBINED ANTENNA (PROVIDED BY CONTRACTOR)
 - 19 PROPOSED AT&T ARGUS 1420B BATTERY BACKUP CABINET (PROVIDED BY AT&T)
 - 20 PROPOSED AT&T CPS/E-011 COMBINED ANTENNA (PROVIDED BY CONTRACTOR)
 - 21 PROPOSED AT&T COAX CABLE LADDER (PROVIDED BY CONTRACTOR) CONTIGUOUS TO ANTENNAS
 - 22 PROPOSED AT&T REGENT 300W HALOGEN LIGHT W/ 1 HR TIMER SWITCH/50% DUPLEX RECEPTACLE (PROVIDED BY CONTRACTOR)
 - 23 PROPOSED COAXIAL ACCESS ROAD WITH TURNAROUND
- * AT&T WILL REPLACE EXISTING FENCE

SITE NOTES

- 1 VERIFY ANTENNA ROAD CLEARANCE & ANTENNAS WITH LOCKDOWN SET BY SITE BUILD FORM

ENGINEERING/CONSTRUCTION NOTES:

- 1 PARCEL SIZE AND CONFIGURATION ARE SUBJECT TO CHANGE AS MAY BE REQUIRED TO OBTAIN PLUMBING AND ZONING APPROVALS
- 2 LEASED AREA SHALL INCLUDE 24 HOUR A DAY ACCESS FROM PUBLIC PROPERTY TO EQUIPMENT AND ANTENNAS
- 3 LEASED PREMISES SHALL INCLUDE SUITABLE AREA WITHIN LEASEHOLD'S SPACE FOR ROUTING OF CABLES AND UTILITIES BETWEEN THE EQUIP. AREA, MOUNTED ANTENNAS, AND UTILITY SERVICE ENTRANCE LOCATIONS FOR THE NECESSARY CONNECTIONS FOR EACH.
- 4 THE OWNER AND AT&T MOBILITY HEREBY AGREE TO THE GENERAL LEASE AREA LOCATION SPECIFIED OF THIS LEASE EXHIBIT. THE EXACT LOCATIONS OF BASE STATION EQUIPMENT, CABLES, UTILITIES, AND ANTENNAS ARE SUBJECT TO FINAL ENGINEERING DESIGN AND ULTIMATELY THE LEASEABLE AREA MAY BE MODIFIED TO REFLECT THE FINAL ENGINEERING DESIGN.
- 5 PROPERTY LINES DEFINED HEREIN ARE TAKEN FROM AVAILABLE TAX MAPS AND ARE APPROXIMATE ONLY.

PREPARED FOR:

Your world. Delivered.

1000 17th Avenue, Suite 200
Broomfield, CO 80020

A/E:

CLEARLINX DESIGN, INC.
1022 EDENHORN STREET
BIRMINGHAM, AL 35242
(205) 408-7171

SITE NUMBER:

PW54

SITE NAME:

MARYLHURST

ADDRESS:

19200 WILLAMETTE DRIVE
WEST LINN, OR
97068

SITE TYPE:

COLOCATE

ENGINEER SEAL

REG. PROFESSIONAL ENGINEER
NO. 80652PE
MICHAEL J. COWART
MARCH 11, 2009
EXPIRES 12/31/2009

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DRAWN BY :	S. GRIFIN	
CHECKED BY :	C. WARRA	
DATE :	03/09/09	
PROJECT NO :		
REVISION		
REV	DATE	DESCRIPTION
0	04/10/09	ISSUED FOR ZONING

SHEET TITLE

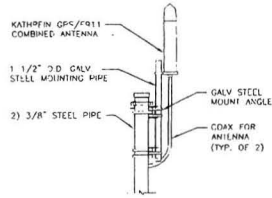
ENLARGED EQUIPMENT PLAN

SHEET NUMBER

Z-3

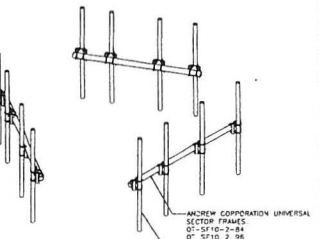
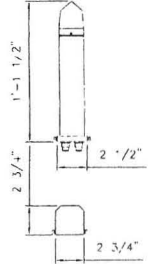
NOTES

1. LOCATION OF ANTENNA MUST HAVE CLEAR VIEW OF SOUTHERN SKY AND CANNOT HAVE ANY OBSTRUCTIONS EXCEEDING 25% OF THE SURFACE AREA OF A HEMISPHERE AROUND THE GPS ANTENNA.
2. ALL GPS ANTENNA LOCATIONS MUST BE ABLE TO RECEIVE CLEAR SIGNALS FROM A MINIMUM OF FOUR (4) SATELLITES VERIFY



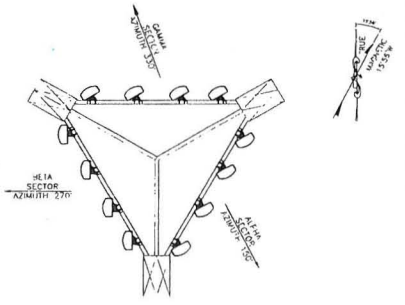
GPS/E911 COMBINED ANTENNA DETAIL

2
Z-4 SCALE: N.T.S.



ANTENNA MOUNT DETAILS

3
Z-4 SCALE: N.T.S.



FOUR ANTENNAS PER SECTOR T-ARM MOUNTS

4
Z-4 SCALE: N.T.S.

CONSTRUCTION PLAN KEYED NOTES

1. PROPOSED 12'x15' AT&T LEAS' AREA
2. PROPOSED AT&T 12'x15' CONCRETE EQUIPMENT PAD (PROVIDED BY CONTRACTOR)
3. PROPOSED AT&T 6' GA ULTRASTEEL CORNERS NO 3 & 2 (PRIMARY PROVIDED BY AT&T)
4. PROPOSED AT&T WOOD ULTRASTEEL CORNERS NO 3 (EXPANSION - PROVIDED BY AT&T)
5. PROPOSED ULTIMATE LIMITS CABINET (PROVIDED BY AT&T)
6. PROPOSED AT&T ANTENNA MOUNTING HOSE BELL TOWER
7. EXISTING CONCRETE FOUNDATION PERG & STEALTH MONOPOLE TOWER TO BE ANALYZED BY OREGON SEAL LICENSED ENGINEER WITH ADDITIONAL ANCHORS & COAT LEADING APPLIED
8. DESIGNATED GROUND SURFACES TO BE RETAINED WITH 1 3/4" DIA MANUS CRUSHED ROCK IN AREAS WHERE STURDOR IS REQUIRED
9. 3'-0" HIGH WOOD BRACE FENCE (PROVIDED BY CONTRACTOR) 8'-0" POST TO POST TYPICAL
10. 12'-0" WIDE SMELING CHAIN LINK LOCKING GATE (PROVIDED BY CONTRACTOR) AT&T SINGLE VOLUMED TO GATE LOCK AND SPRING PROVIDED BY CONTRACTOR
11. MULTIPLEX AT&T ARGIS 1L20 4X7 WOODEN CABLES (PROVIDED BY AT&T)
12. PROPOSED ANTENNAS (PROVIDED BY CONTRACTOR) MOUNTED ON TOWER MOUNT ASSEMBLIES
13. PROPOSED HEAD-END AMPLIFIER (HMA) AND EMPLEX-CONSOLE (PROVIDED BY CONTRACTOR)
14. COAXIAL CABLE (PROVIDED BY CONTRACTOR) TO ANTENNAS
15. PERMANENT MOUNTED COAX ICE BRIDGE (PROVIDED BY CONTRACTOR)
16. PROPOSED POWER & TELCO "RENCHES"
17. PROPOSED AT&T UTILITY H-FRAME MOUNTED ON FENCE WITH 2ND A ELEV METER & TELCO PANEL (PROVIDED BY CONTRACTOR)
18. PROPOSED AT&T GPS/E-011 COMBINED ANTENNA (PROVIDED BY CONTRACTOR)
19. PROPOSED AT&T ARGIS 1L20B BATTERY BACKUP CABINET (PROVIDED BY AT&T)
20. PROPOSED AT&T GPS/E-011 COMBINED ANTENNA (PROVIDED BY CONTRACTOR)
21. PROPOSED AT&T COAX CABLE LADDER (PROVIDED BY CONTRACTOR) CONTINUOUS TO ANTENNAS
22. PROPOSED AT&T RECENT 200W HALOGEN LIGHT W/ 1 HR. THER. SWITCH/OUT PLUGGY RECEPTACLE (PROVIDED BY CONTRACTOR)
23. PROPOSED GRAVEL ACCESS ROAD WITH TURNAROUND
24. AT&T WILL REPLACE EXISTING FENCE

SITE NOTES

1. VERIFY UTILITY ROAD CENTER & 1/2 WIDTHS WITH LOCKDOWN SET BY SITE BUILD FORM

ENGINEERING/CONSTRUCTION NOTES:

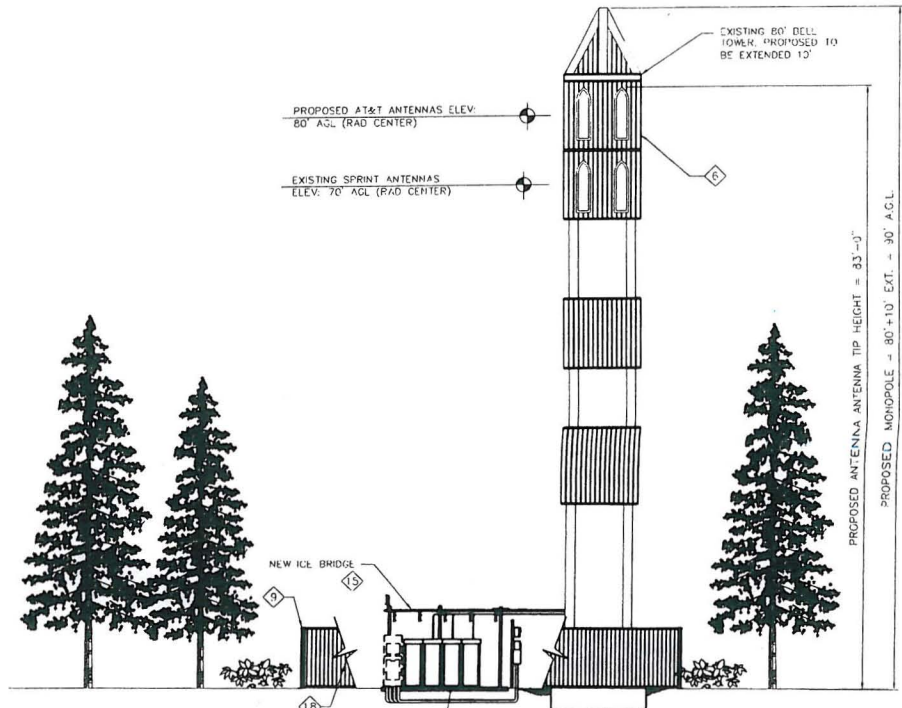
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3. LEASED PREMISES SHALL INCLUDE SUFFICIENT AREA WITHIN LANDLORD'S SPACE FOR ROUTING OF CABLES AND UTILITIES BETWEEN THE EQUIPMENT AREA, MOUNTED ANTENNAS, AND UTILITY SERVICE ENTRANCE LOCATIONS FOR THE NECESSARY CONNECTIONS FOR EACH.
4. THE OWNER AND AT&T MOBILITY HEREBY AGREE TO THE GENERAL LEASE AREA LOCATION SPECIFIED OF THIS LEASE EXHIBIT, THE EXACT LOCATIONS OF BASE STATION EQUIPMENT, CABLES, UTILITIES, AND ANTENNAS ARE SUBJECT TO FINAL ENGINEERING DESIGN AND ULTIMATELY THE LEASABLE AREA MAY BE MODIFIED TO REFLECT THE FINAL ENGINEERING DESIGN.
5. PROPERTY LINES DEPICTED HEREIN ARE TAKEN FROM AVAILABLE TAX MAPS AND ARE APPROXIMATE ONLY.

COAX LENGTH SCHEDULE

COAX LENGTHS ARE CALCULATED FROM THIS DRAWING SET. ANY DEVIATION FROM THE PROPOSED DESIGN MAY REQUIRE ALTERATION OF COAX LENGTHS. CONTRACTOR SHALL ENSURE THAT FINAL DESIGN AND COAX LENGTH ARE COORDINATED.

SECTOR	LENGTH	# COAX	DIAMETER
SECTOR "A"	±110'	12	7/8"
SECTOR "B"	±110'	12	7/8"
SECTOR "C"	±110'	12	7/8"

75



ELEVATION

1
7-4 SCALE: N.T.S.

PREPARED FOR:

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A/E:

CLEARLINX DESIGN, INC.
1022 EDENTON STREET
BIRMINGHAM, AL 35242
(205) 408-7171

SITE NUMBER: **PW54**

SITE NAME: **MARYLHURST**

ADDRESS: 19200 WILLAMETTE DRIVE
WEST LINN, OR
97068

SITE TYPE: **COLOCATE**

ENGINEER SEAL

IT IS A VIOLATION OF LAW FOR ANY PERSON TO ALTER THIS DOCUMENT UNLESS AS DIRECTED BY A LICENSED PROFESSIONAL ENGINEER

DRAWN BY:	S. SMITH
CHECKED BY:	C. WILSON
DATE:	03/09/09
PROJECT NO.:	

REV	DATE	REVISION
0	04/10/09	ISSUED FOR ZONING

SHEET TITLE: **ELEVATIONS**

SHEET NUMBER: **Z-4**



Photo #1 Looking north across site.



Photo #2 Looking south across site.



Photo #3 Looking west across site.



Photo #4 Adjoining vacant land south of the site.



Photo #5 Adjoining lawn, play structure and church north of the site.



Photo #6 Adjoining residential home east of the site.

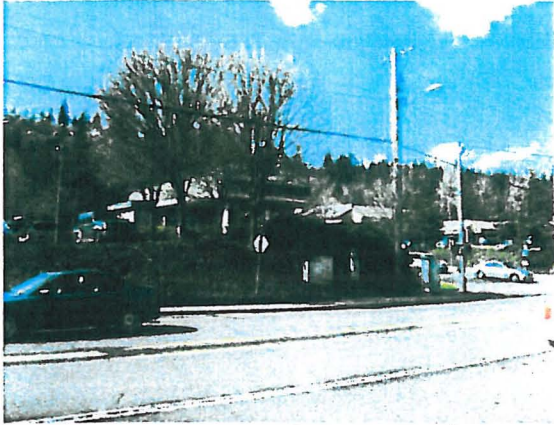


Photo #7 Adjoining Pacific Highway (SR43) followed by Kaady Car Wash northwest of the site.



Photo #8 Adjoining Pacific Highway (SR43) followed by Oil Can Henry's west of the site.



Photo #9 A pad mounted transformer southeast of the site area.



Photo #10 From Gans Road looking northeast towards the site area.



Photo #11 A pole mounted transformer directly east of the site area.



Photo #12 The adjoining Emmanuel Presbyterian Church and its associated parking area north of the site area.

**NON-IONIZING ELECTROMAGNETIC EXPOSURE ANALYSIS
&
ENGINEERING CERTIFICATION**



SITE NUMBER: PW54

SITE NAME: Marylhurst

**SITE ADDRESS: 19200 Willamette
West Linn, OR 97068**

DATE: July 13, 2009

PREPARED BY:

**B. J. THOMAS, P.E.
7607 80th Avenue NE
Marysville, WA 98270
(206) 851-1106**

PROJECT

The proposed AT&T project consists of a WCF (Wireless Communications Facility) located at 19200 Willamette Drive, West Linn, OR 97068, Clackamas County Tax Parcel 21E24BB-04800. The planned improvements include antennas mounted within shrouds on an existing bell tower with supporting BTS (Base Transmission System) radio equipment located in a fenced lease area at the base of the tower.

EQUIPMENT

Type of Service: GSM 1900, UMTS 1900, GSM 850, GSM 1900

Antennas: Kathrein 742 264
Kathrein 742 265

Sectors: (3) (X = 150°, Y = 220°, Z = 320°)

Maximum Power: GSM 1900 - 778 w (58.91 dBm ERP)
UMTS 1900 - 765 w (58.84 dBm ERP)
GSM 850 - 481 w (56.82 dBm ERP)
UMTS 850 - 333 w (55.22 dBm ERP)

Antenna Rad Center: 80' AGL

CALCULATIONS

Calculations for RF power densities near ground level are based on the "Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields OET Bulletin 65" Edition 97-01, August 1997 issued by the Federal Communications Commission Office of Engineering & Technology.

Section 2 of **OET Bulletin 65** demonstrates that "for a truly worst-case prediction of power density at or near the surface, such as at ground-level or on a rooftop, 100% reflection of incoming radiation can be assumed, resulting in a potential doubling of predicted field strength and a four-fold increase in (far field equivalent) power density". Therefore the following equation is used:

$$S = \text{EIRP}/\pi R^2$$

Where S = power density (mW/cm²), EIRP = equivalent isotropically radiated power and R = distance to the center of the radiation antenna (cm)

Attached as an exhibit are the MPE (Maximum Power Exposure) calculations using the above referenced formula and the antenna manufacturers vertical pattern information using a conservative 20 dB loss below main lobe. The calculations show that the maximum MPE at ground level (6' above AGL) at the base of the tower and the power density is 0.002425 mW/cm² with power levels as provided by AT&T RF Data Sheet. This is 0.4277% of the MPE limit for the general population/uncontrolled exposure of 0.567 mW/cm² as referenced in **Table I OET Bulletin 65 Appendix A** for the lowest frequency range.

EXISTING CARRIER

The following are examples of wireless carriers providing service in Clackamas County:

ESMR	851-866 Mhz	Nextel
Cellular	869-894 Mhz	AT&T, Verizon
PCS	> 1800 Mhz	Sprint, T-Mobile, AT&T

Nextel facilities will have potentially higher power levels than cellular or PCS facilities. In order to develop a "worst case prediction", it is assumed that Nextel facilities are currently on the tower with maximum effective radiated power (ERP) levels of 3,000 watts per sector versus 2,000 watts or less for cellular or PCS facilities.

Wireless facility antennas are highly directional and project the majority of the RF energy horizontally. Attached as an exhibit are the MPE (Maximum Power Exposure) calculations using the referenced power density formula. These calculations assume that the vertical patterns of the antennas suppress the ERP by 20dbB towards the antenna base. The calculations show that the maximum total MPE at ground level (6' above AGL) at the base of the tower is 0.004126 mW/cm² with the carriers operating at a total ERP of 3,000 watts per sector. This is 0.7278% of the MPE limit for the general population/uncontrolled exposure of 0.567 mW/cm² for the lowest Nextel frequency (851/1500) as referenced in **Table I OET Bulletin 65 Appendix A**.

COLOCATED FACILITIES TOTAL MPE

The combined MPE for the AT&T and existing carrier using "worst case" calculations is: 0.002425 mW/cm² + 0.004126 mW/cm² = 0.006551 mW/cm²
Total MPE.

ENVIRONMENTAL EVALUATION

Routine environmental evaluation is required if the PCS broadband facility is less than 10 m (32.81 feet) AGL and has a total power of all channels in any given sector greater than 2,000W ERP as referenced in "Table 2 Transmitters, Facilities and Operations subject to Routine environmental Evaluation" of Bulletin 65. As the proposed antennas lowest point above ground level is 23.4 m (76.8 feet), the WCF is categorically exempt from requirement for routine environmental processing.

FCC COMPLIANCE

The general population/uncontrolled exposure near the tower, including persons at ground level, surrounding properties, inside and on existing structures will have RF exposure much lower than the "worst case" scenario, which is a small fraction of the MPE limit.

Only trained persons will be allowed to climb the tower for maintenance operations. AT&T and/or its contractors will provide training to make the employees fully aware of the potential for RF exposure occupational training and they can exercise control over their exposure that is within the occupational/controlled limits.

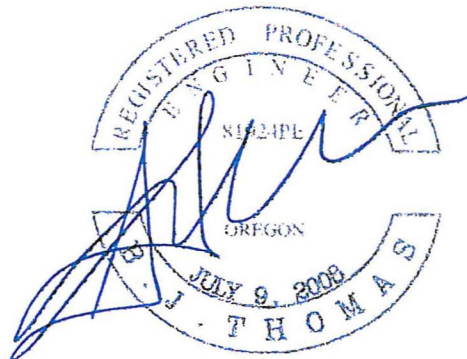
CONCLUSIONS

Based on calculations, the proposed WCF will comply with current FCC and county guidelines for human exposure to radiofrequency electromagnetic fields.

All representations contained herein are true to the best of my knowledge.

EXIHIBITS

- MPE Calculations
- Antenna Spec Sheets
- RF Data Sheet
- WCF Location Map

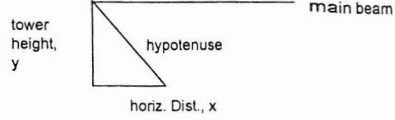


**PW54 Marylhurst
Other Carriers
MPE Calculations**

Effective tower height assumes a person 6 ft tall.

70 height (ft)

4.13E-03	
0.004126	max power density in mW/cm ²
0.7278%	percentage of standard



Note: 0.567 mW/cm² is 100% of allowable standard for lowest Nextel frequency

radiation center (feet), y	effective tower height (feet), y	minor lobe angle	dB below main lobe	horiz. dist. x	hypotenuse length (feet)	hypotenuse length (km)	hypotenuse length (cm)	ERP main lobe (watts)	ERP main lobe (dBm)	minor lobe ERP (dBm)	minor lobe EIRP (dBm)	minor lobe EIRP (mW)	Power at point x at ground level mW/cm ²
70	64	90	20	0.000	64.000	0.020	1950.720	3000	64.77	44.77	46.93	49331.15	4.13E-03
TOTAL												4.13E-03	

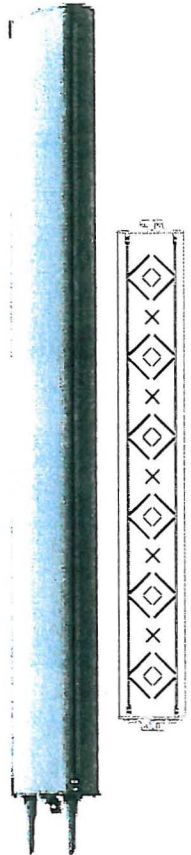
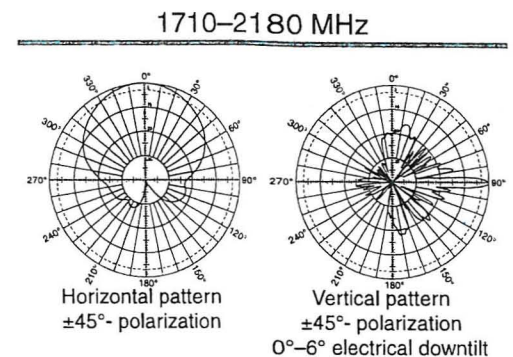
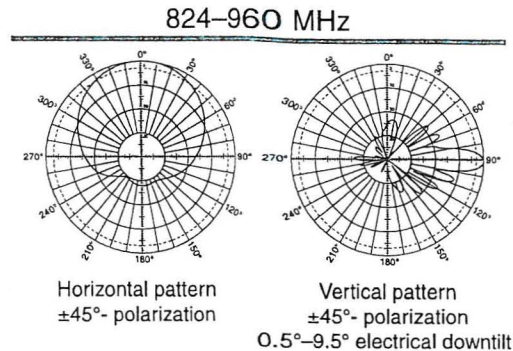
Kathrein's dual band antennas are ready for 3G applications, covering all existing wireless bands as well as all spectrum under consideration for future systems, AMPS, PCS and 3G/UMTS. These cross-polarized antennas offer diversity operation in the same space as a conventional 800 MHz antenna, and are mountable on our compact sector brackets.

- Wide band operation.
- Exceptional intermodulation characteristics.
- Remote control ready.
- Various gain, beamwidth and downtilt ranges.
- AISG compatible.
- High strength pultruded fiberglass radome.

General specifications:

Frequency range	824–960 MHz 1710–2180 MHz
Impedance	50 ohms
VSWR	<1.5:1
Intermodulation (2x20w)	IM3:< -150 dBc
Polarization	+45° and -45°
Connector	4 x 7/16 DIN female
Isolation	intrasystem >30 dB intersystem >50 dB (824–960 // 1710–2180 MHz)
Weight	50.7 lb (23 kg)
Dimensions	75.4 x 10.3 x 5.5 inches (1916 x 262 x 139 mm)
Equivalent flat plate area	6.16 ft ² (0.572 m ²)
Wind survival rating*	120 mph (200 kph)
Shipping dimensions	87.2 x 11.9 x 7.6 inches (2215 x 302 x 192 mm)
Shipping weight	62 lb (28 kg)
Mounting	Fixed mount options are available for 2 to 4.6 inch (50 to 115 mm) OD masts.

See reverse for order information.



Specifications:	824–894 MHz	880–960 MHz	1710–1880 MHz	1850–1990 MHz	1920–2180 MHz
Gain	13.5 dBd/15.5 dBi	14 dBd/16 dBi	15.8 dBd/17.8 dBi	16.2 dBd/18.2 dBi	16.3 dBd/18.3 dBi
Front-to-back ratio	>27 dB (co-polar)	>25 dB (co-polar)	>25 dB (co-polar)	>25 dB (co-polar)	>25 dB (co-polar)
Maximum input power per input	400 watts (at 50°C)	400 watts (at 50°C)	250 watts (at 50°C)	250 watts (at 50°C)	250 watts (at 50°C)
+45° and -45° polarization horizontal beamwidth	68° (half-power)	65° (half-power)	66° (half-power)	65° (half-power)	63° (half-power)
+45° and -45° polarization vertical beamwidth	10.5° (half-power)	10° (half-power)	5.2° (half-power)	5° (half-power)	4.7° (half-power)
Electrical downtilt continuously adjustable	0.5°–9.5°	0.5°–9.5°	0°–6°	0°–6°	0°–6°
Sidelobe suppression for first sidelobe above horizon	0° 5° 10° T 16 16 17 dB	0° 5° 10° T 18 18 18 dB	0° 3° 6° T 14 13 13 dB	0° 3° 6° T 18 17 14 dB	0° 3° 6° T 18 17 14 dB
Cross polar ratio					
Main direction	0°	20 dB (typical)	16 dB (typical)	18 dB (typical)	18 dB (typical)
Sector	±60°	>10 dB	>10 dB	>10 dB	>10 dB



10634-G
936.2701/a

83

* Mechanical design is based on environmental conditions as stipulated in EIA-222-F (June 1996) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. See the Engineering Section of the catalog for further

65° Dualband Directional Antenna

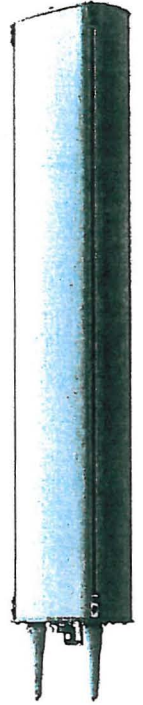
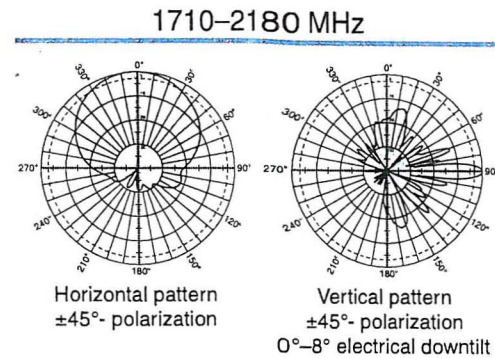
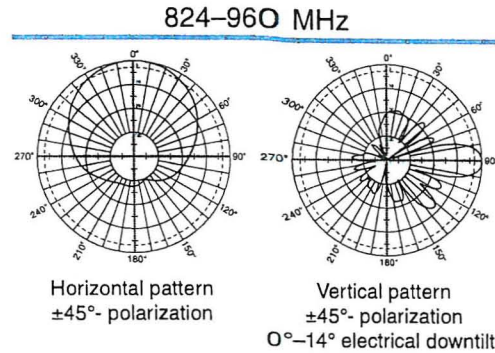
Kathrein's dual band antennas are ready for 3G applications, covering all existing wireless bands as well as all spectrum under consideration for future systems, AMPS, PCS and 3G/UMTS. These cross-polarized antennas offer diversity operation in the same space as a conventional 800 MHz antenna, and are mountable on our compact sector brackets.

- Wide band operation.
- Exceptional intermodulation characteristics.
- Remote control ready.
- Various gain, beamwidth and downtilt ranges.
- AISG compatible.
- High strength pultruded fiberglass radome.

General specifications:

Frequency range	824–960 MHz 1710–2180 MHz
Impedance	50 ohms
VSWR	<1.5:1
Intermodulation (2x20w)	IM3: -150 dBc
Polarization	+45° and -45°
Connector	4 x 7/16 DIN female
Isolation	intrasystem >30 dB intersystem >50 dB (824–960 // 1710–2180 MHz)
Weight	36.4 lb (16.5 kg)
Dimensions	51.8 x 10.3 x 5.5 inches (1316 x 262 x 139 mm)
Equivalent flat plate area	4.13 ft ² (0.384 m ²)
Wind survival rating*	120 mph (200 kph) sustained 150 mph (240 kph) in a 3 second burst
Shipping dimensions	64 x 11.9 x 7.6 inches (1626 x 302 x 192 mm)
Shipping weight	45 lb (20.4 kg)
Mounting	Fixed mount options are available for 2 to 4.6 inch (50 to 115 mm) OD masts.

See reverse for order information.



Specifications:	824–894 MHz	870–960 MHz	1710–1880 MHz	1850–1990 MHz	1920–2180 MHz
Gain	14 dBi	14 dBi	16.5 dBi	16.8 dBi	17 dBi
Front-to-back ratio	>26 dB (co-polar)	>26 dB (co-polar)	>25 dB (co-polar)	>25 dB (co-polar)	>25 dB (co-polar)
Maximum input power per input total power	400 watts (at 50°C) 800 watts (at 50°C)	400 watts (at 50°C)	250 watts (at 50°C)	250 watts (at 50°C) 500 watts (at 50°C)	250 watts (at 50°C)
+45° and -45° polarization horizontal beamwidth	68° (half-power)	65° (half-power)	65° (half-power)	65° (half-power)	63° (half-power)
+45° and -45° polarization vertical beamwidth	16° (half-power)	14.5° (half-power)	7.8° (half-power)	7.3° (half-power)	6.8° (half-power)
Electrical downtilt continuously adjustable	0°–14°	0°–14°	0°–8°	0°–8°	0°–8°
Sidelobe suppression for first sidelobe above horizon	0° 7° 14° T 14 14 13 dB	0° 7° 14° T 14 14 13 dB	0° 4° 8° T 14 14 14 dB	0° 4° 8° T 16 16 15 dB	0° 4° 8° T 15 16 15 dB
Cross polar ratio					
Main direction	0°	20 dB (typical)	16 dB (typical)	18 dB (typical)	20 dB (typical)
Sector	±60°	>10 dB	>10 dB	>10 dB	>10 dB

* Mechanical design is based on environmental conditions as stipulated in EIA-222-F (June 1996) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. See the Engineering Section of the catalog for further details.



10633-J
936.2700/b



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RF Data Sheet

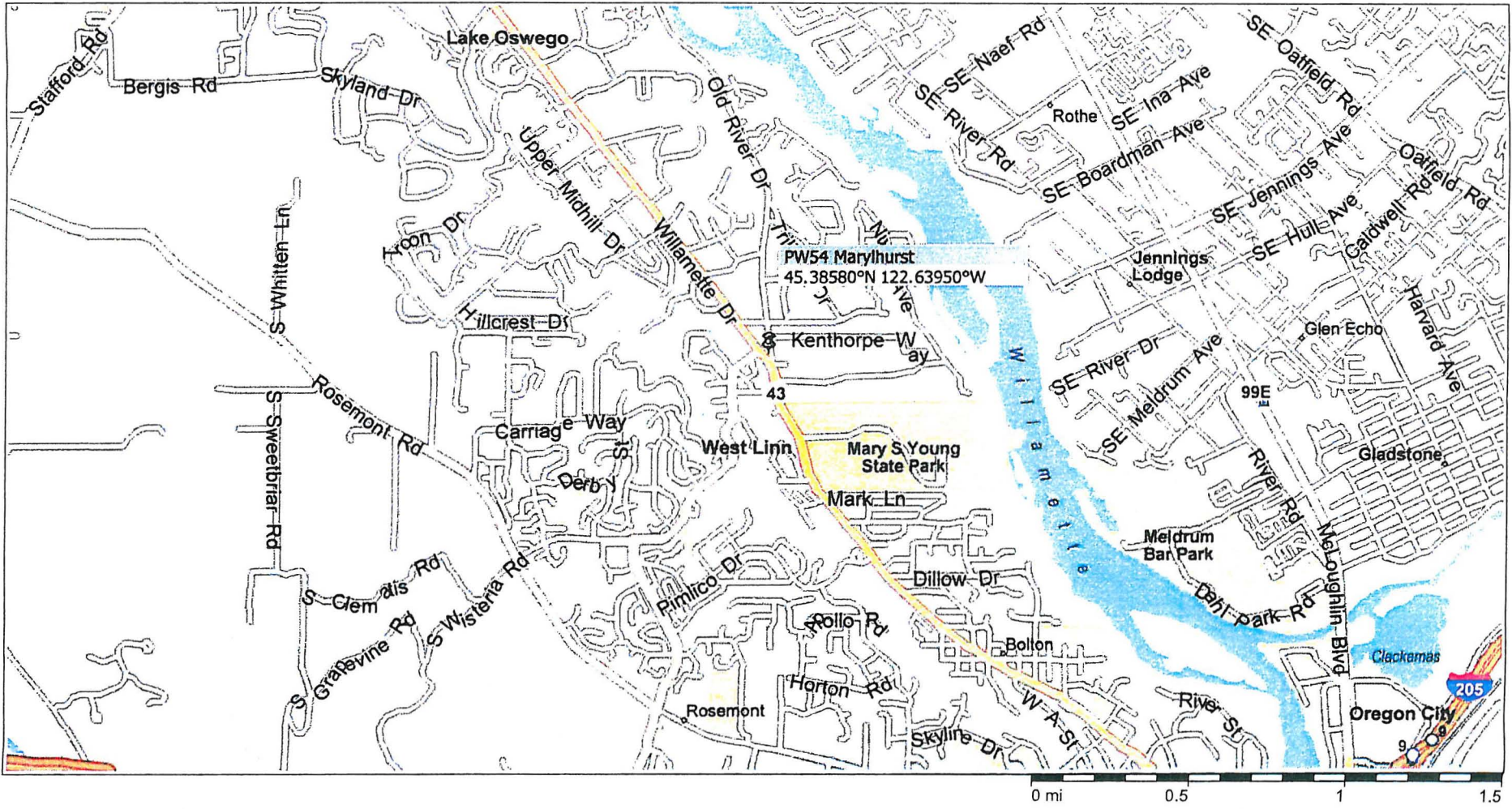
Site Information		Release Information	
Site ID	PW54	Date Issued	04/27/09
Site Name	Marylhurst University	Revision Level	1.1 final
Project	New Build	Contact Details	
GSM Equipment	UltraSite	RF Design Engineer	Prineet Pottmeyer phone (503) 913-4938
UMTS Equipment		RF Performance Engineer	Prineet Pottmeyer phone (503) 913-4938
NodeB# 1-4 proposed (Name / IUB# / UCUM)		Zone	
		GSM BSC	
		Location Information	
Latitude (decimal) / (degrees)	45.3858	45° 23' 8.9"	Tower Owner
Longitude (decimal) / (degrees)	-122.6395	-122° 38' 22.2"	Colocation Partners
County	Clackamas		Tier of our ant
Street Address	19200 Willamette Drive		Business on site
City	West Linn	OR	Highest Point w/o ant
Zip Code	0	Disaster Recovery	Tier 2
			Highest Point w/ ant

00
05

Planned Configuration	X				Y				Z			
	GSM 850	GSM 1900	UMTS 850	UMTS 1900	GSM 850	GSM 1900	UMTS 850	UMTS 1900	GSM 850	GSM 1900	UMTS 850	UMTS 1900
Number of Antennas	1			1	1			1				1
Antenna Port Number	1c+1d	1a+1b	4c+4d	4a+4b	7c+7d	7a+7b	10c+10d	10a+10b	13c+13d	13a+13b	16c+16d	16a+16b
Antenna Vendor	Kathrein		Kathrein		Kathrein		Kathrein		Kathrein		Kathrein	
Antenna Model	742 265		742 264		742 265		742 264		742 265		742 265	
Antenna (Band / Pol)	DBDP		DBDP		DBDP		DBDP		DBDP		DBDP	
Antenna HBW	65		65		65		65		65		65	
Azimuth	150		150		220		220		320		320	
Electrical Tilt	0		0		0		0		0		0	
Mechanical Tilt	0		0		0		0		0		0	
RET	Yes		Yes		Yes		Yes		Yes		Yes	
Antenna Dimensions (inches) (W,L,H)	75.4x10.3x5.3	75.4x10.3x5.3	51.8x10.3x5.5	75.4x10.3x5.3	75.4x10.3x5.3	75.4x10.3x5.3	51.8x10.3x5.5	75.4x10.3x5.3	75.4x10.3x5.3	75.4x10.3x5.3	75.4x10.3x5.3	75.4x10.3x5.3
Antenna Weight (lbs)	50.7	50.7	36.4	50.7	50.7	50.7	36.4	50.7	50.7	50.7	50.7	50.7
Rad Center (ft)	80	80	80	80	80	80	80	80	80	80	80	80
Number of Feeders	1		1		1		1		1		1	
Feeder Type	LDF5 7/8 850		LDF5 7/8 850		LDF5 7/8 850		LDF5 7/8 850		LDF5 7/8 850		LDF5 7/8 850	
Feeder Length	100		100		100		100		100		100	
Jumper Type												
Number of TMA	0	2	0	2	0	2	0	2	0	2	0	2
TMA Type	None		LGP 21403		None		LGP 21403		None		LGP 21403	
TMA DIM (Weight(lb),length,height)	-		-		-		-		-		-	
Diplexed	Yes - G8 G9		Yes - UB U9		Yes - G8 G9		Yes - UB U9		Yes - G8 G9		Yes - UB U9	
Antenna (Sharing / Type)	No	No	No	No	No	No	No	No	No	No	No	No
MCPA	No	No	No	No	No	No	No	No	No	No	No	No
TRX Count	2	2	1	1	2	2	1	1	2	2	1	1
ERP (dBm / Watts)	56.82	58.91	55.22	58.84	56.82	58.91	55.22	58.84	56.82	58.91	56.82	58.84


PW54 Marylhurst

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AFFIDAVIT OF MAILING – CITY OF WEST LINN, OREGON

I, Kevin S. Prounce, being first duly sworn, depose and say: That on the 22nd day of April, 2009, I served upon the persons shown on Exhibit "A," attached hereto and by this reference incorporated herein, a copy of the Notice of Neighborhood Meeting marked Exhibit "A," attached hereto by this reference incorporated herein, by mailing to them a true and correct copy of the original hereof. I further certify that the addresses shown on said Exhibit "B" are their regular addresses as determined from the books and records of the Clackamas County Department of Assessment and Taxation Tax Rolls, and that said envelopes were placed in the United States Mail with postage fully prepared thereon.



Signature

SUBSCRIBED AND SWORN to before me on this 25 day of August, 2009



Notary Public for Oregon

My commission expires: 5/14/12



RE: Notice of Neighborhood Meeting

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Kevin Byrnick
 Robinwood neighborhood
 Chair/President
 18840 Nixon Ave.
 Westlinn OR 97068

2. Article Number

7008 1140 0003 8206 8495

(Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee

X *[Signature]*

B. Received by (Printed Name) *Kevin Byrnick* C. Date of Delivery *4/23/09*

D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

3. Service Type

- Certified Mail Express Mail
- Registered Return Receipt for Merchandise
- Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

U.S. Postal ServiceTM
CERTIFIED MAILTM RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com.

7008 1140 0003 8206 8495

OFFICIAL USE

Postage	\$ 0.42	0100
Certified Fee	\$2.70	15
Return Receipt Fee (Endorsement Required)	\$2.20	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 5.32	04/22/2009

Sent To *Kevin Byrnick*
 Street, Apt. No., or PO Box No. *18840 Nixon Ave.*
 City, State, ZIP+4 *Westlinn OR 97068*

PS Form 3800, August 2006 See Reverse for Instructions



7360 SW Hunziker Rd., Suite 200
Portland, OR 97223
Phone: (435)640-6332
Fax: (503)7443253

April 22, 2009

Dear Residents & Business Members:

AT&T Wireless would like to invite you to participate in a neighborhood meeting to discuss AT&T's proposed collocation/tower extension to be located within the Robinwood Neighborhood. The neighborhood meeting will be held at 7:00pm on Tuesday, May 12, 2009, at the Emmanuel Presbyterian Church, 19200 Willamette Drive, West Linn, Oregon 97068. At the neighborhood meeting, I will address any questions or concerns you may have regarding AT&T's proposal.

Pursuant to the City of West Linn's Community Development Code, Section 99.038, it is AT&T responsibility to notify all residents and business members within a 500 foot radius of the subject property. The proposed location of the collocation/tower extension is to be located at 19200 Willamette Drive, West Linn, Oregon 97068. The property is owned by the Emmanuel Presbyterian Church. The parcel identification is 21E24BB-04801.

As for our proposal, we are proposing to construct an extension to the existing bell tower by 10 feet in order to collocate our antennas within the existing design of the bell tower. The equipment compound for our auxiliary equipment will be extended by 12 feet within our designated lease area. This site is located in an R-10 Zone off Willamette Drive and Old River Road.

If you have any question or comments, please call me directly at (503) 367-5577. I thank you for your time and consideration regarding our invitation.

Sincerely,

Kevin S. Provance, Principal Planner
Goodman Networks, Inc./AT&T Wireless
7360 SW Hunziker Street, Suite 206
Portland, Oregon 97223
503-367-5577



Attached you will find the following:

Address Labels and Tax Maps for Parcels within a 500 foot radius of Parcel 21E24BB-04801, also known as 1920 Willamette Drive, West Linn, OR 97068.

Susan Candland
Candland Title Research, LLC
Tele: (201) 728-4341
scandland@candlandtitleresearch.com

PRESBYTERYN OF PORTLAND
19200 WILLAMETTE DR
WEST LINN, OR 97068

CEDAR LINN LLC
PO BOX 69506
PORTLAND , OR 97239

CHRISTINE JORDAN
12612 NE ROSE PKWY
PORTLAND, OR 97230

WILLIAM MORE
222 N RAMPART ST
NEW ORLEANS, LA 70112

WYSE INVESTMENT SERVICES CO
111 SW 5TH AVE #1100
PORTLAND, OR 97024

FRANK GORGONE
19970 OLD RIVER DR
WEST LINN, OR 97068

RAYMOND STONEKING
1040 CEDAR ST
LAKE OSWEGO, OR 97034

NORMAN LEVEE
22670 SE HIGHWAY 224
DAMASCUS , OR 97089

MONTY MERRITT
3701 MAPLETON DR
WEST LINN, OR 97068

MATT HUGET
3700 KENTHORPE WAY
WEST LINN , OR 97068

TRIBBETT FAMILY LTD PRTNSHP
3595 CEDARROAK DR
WEST LINN, OR 97068

WEST LINN PROPERTIES
10250 SW NORTH DAKOTA ST
TIGARD, OR 97223

THEODORE LACHMAN
16984 ALDER CIR
LAKE OSWEGO, OR 97034

BEAN INVESTMENT REAL ESTATE INC
1882 SW HAWTHORNE TER
PORTLAND , OR 97201

WILLIAM BELDEN
PO BOX 388
WEST LINN, OR 97068

JOHN MICETIC
20024 OLD RIVER DR
WEST LINN, OR 97068

BYRON & SUSAN BRADY
20182 OLD RIVER RD
WEST LINN, OR 97068

HANG DINH
21892 NE MASTO ST
FAIRVIEW , OR 97024

SETH MURRAY
805 NW ALDER ST
MCMINNVILLE, OR 97128

JUDY VANACKER
3708 KENTHORPE WAY
WEST LINN, OR 97068

NEW LIFE CHURCH ROBINWOOD
19915 OLD RIVER DR
WEST LINN, OR 97068

ELDEN ETHINGTON
3777 UA AVE
EMMETT, ID 83617

CITY OF WEST LINN
22500 S SALAMO RD #600
WEST LINN, OR 97068

WYSE INVESTMENT SERVICES CO
111 SW 5TH AVE #1100
PORTLAND , OR 97204

BRENT CARLSON
19930 OLD RIVER DR
WEST LINN , OR 97068

SCOTT BAY
3611 KENTHORPE WAY
WEST LINN, OR 97068

TODD STONEKING
20240 OLD RIVER DR
WEST LINN, OR 97068

WILLIAM SHREVE
10180 SE CRESTHILL RD
HAPPY VALLEY, OR 97086

FRANCISCO VALERA
20286 OLD RIVER DR
WEST LINN, OR 97068

KEITH RIEFF
PO BOX 601
WEST LINN, OR 97068

CITY OF WEST LINN
22500 S SALAMO RD #600
WEST LINN, OR 97068

KEITH CIMINSKI
3753 KENTHORPE WAY
WEST LINN, OR 97068

BENJAMIN & LINDA FOSTER
3707 CEDAROAK DR
WEST LINN, OR 97068

JACK & KATHLEEN SMITH
3950 RIDGEWOOD WAY
WEST LINN, OR 97068

WILLIAM & DORIS ALLEN
3870 RIDGEWOOD WAY
WEST LINN, OR 97068

ERFRAN, INC.
3480 RIVERKNOLL WAY
WEST LINN, OR 97068

TRIBBETT & SON
1942 WESTLAKE LOOP
NEWBERG, OR 97132

KEVIN BYRICK, PRESIDENT/CHAIR
ROBINWOOD NEIGHBORHOOD ASSOCIATION
18840 NIXON AVENUE
WEST LINN, OR 97068

This map was prepared for assessment purpose only.

SE 1/4 NE 1/4 SECTION 23 T.2S R.1E. W.M.

2 IE 23AD

CLACKAMAS COUNTY

D.L.C.

GEORGE WALLING NO. 62

1" = 100'

3400

3700

CANCELLED TAX LOTS
6301
6201

SEE MAP 2 IE 23AA

19100

3-02

SHOPPING CENTER

93

SEE MAP 2 IE 23AB

SEE MAP 2 IE 23

SEE MAP 2 IE 23DB

SEE MAP 2 IE 23DA

SEE MAP 2 IE 24BC

SEE MAP 2 IE 24BC

19300

SEE MAP 2 IE 24BC

MAPLE DRIVE

19500

CO. RD. NO. 469

DRIVE



SEE MAP 2 IE 23DA

SEE MAP 2 IE 24BC

2 IE 23AD

BOOK 12

This map was prepared for assessment purpose only.

NW 1/4 NW 1/4 SEC. 24 T. 2 S. R. 1 E. W. M.
CLACKAMAS COUNTY

D. L. C.
GEORGE WALLING NO. 62

2 IE 24BB
WEST LINN

1"=100'

3500

3800

4000

CANCELLED
TAX LOTS
1190
1390
4900A1
4901
3700
204

18800

SEE MAP 2 IE 130C

SEE MAP 2 IE 24BA

SEE MAP 2 IE 23AA

76



SEE MAP 2 IF 24BC

2 IE 24BB

BOOK 17

This map was prepared for assessment purpose only.

SW.1/4 NW.1/4 SEC.24 T.2S. R.1E. W.M.
CLACKAMAS COUNTY

D.L.C.
GEORGE WALLING NO. 62

2 1E 24BC
WEST LINN

1"=100'

4100
19200

CANCELLED
2201
1901
30051

3500

3800

CO. RD. NO. 469

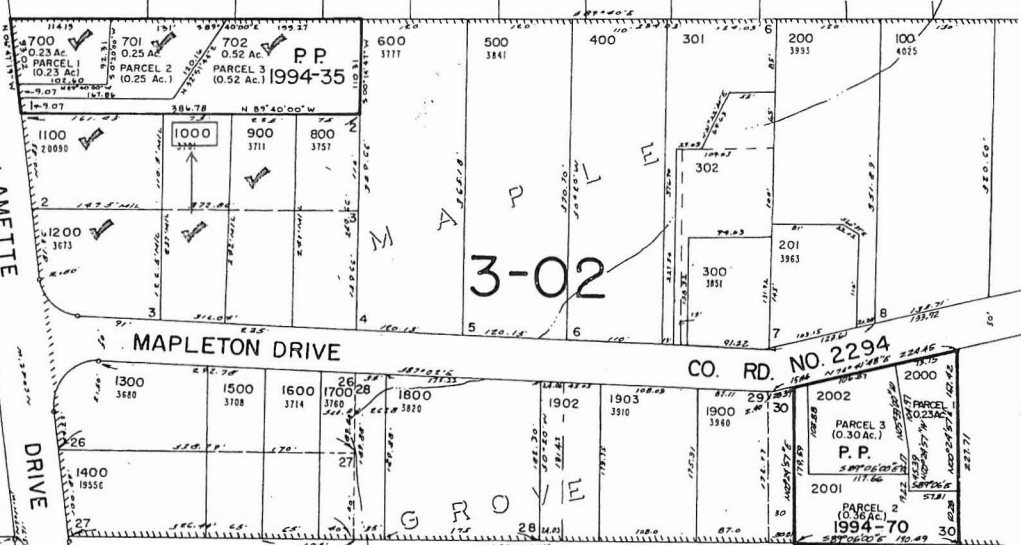
SEE MAP 2 1E 24BB

SI. Hwy 47 HARNED
WILLAMETTE DRIVE
IN WEST LINN BY
86-58357

SEE MAP 2 1E 23AD

STATE HWY

WILLAMETTE
DRIVE



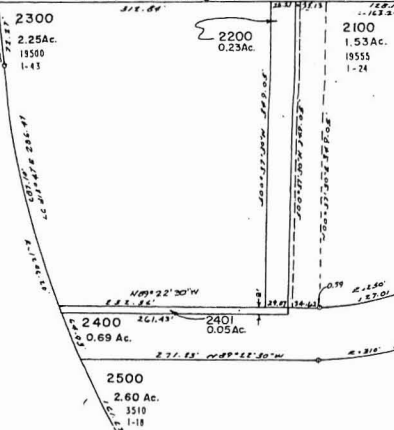
SEE MAP 2 1E 24 BD

19500

SEE MAP 2 1E 24

19700

95



2 1E 24BC
WEST LINN
BOOK 12

City of West Linn
Robinwood Neighborhood Association (RNA, RN to be used for Robinwood Neighborhood)
Monthly Meeting Minutes
Tuesday, 05/12/09

Kevin Bryck, President, called the meeting to order at 7:05 PM.
Scott Sandie, RNA Treasurer was absent, but it was noted that the RNA had purchased snacks for Troop 149 and copies during the previous month. The April 2009 RNA meeting minutes were unanimously approved by a voice vote.

Guests:

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Items Discussed:

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Stafford Rural Reserve Designation.

HWY 43 Transit Shelters.

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The sidewalk at the north end of the new retail center 19072 Willamette.

Meeting adjourned at 8:47 PM.

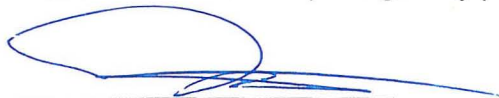
Minutes authored by Kevin Bryck

DRAFT

96

AFFIDAVIT OF MAILING – CITY OF WEST LINN, OREGON

I, Kevin S. Prounce, being first duly sworn, depose and say: That on the 22nd day of April, 2009, I served upon the persons shown on Exhibit "A," attached hereto and by this reference incorporated herein, a copy of the Notice of Neighborhood Meeting marked Exhibit "A," attached hereto by this reference incorporated herein, by mailing to them a true and correct copy of the original hereof. I further certify that the addresses shown on said Exhibit "B" are their regular addresses as determined from the books and records of the Clackamas County Department of Assessment and Taxation Tax Rolls, and that said envelopes were placed in the United States Mail with postage fully prepared thereon.



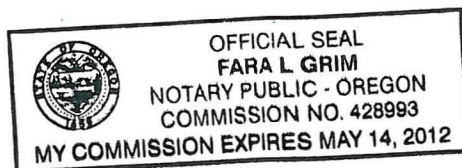
Signature

SUBSCRIBED AND SWORN to before me on this 25 day of August, 2009



Notary Public for Oregon

My commission expires: 5/14/12



RE: Notice of Neighborhood Meeting



7360 SW Hunziker Rd., Suite 200
Portland, OR 97223
Phone: (435)640-6332
Fax: (503)7443253

April 22, 2009

Dear Residents & Business Members:

AT&T Wireless would like to invite you to participate in a neighborhood meeting to discuss AT&T's proposed collocation/tower extension to be located within the Robinwood Neighborhood. The neighborhood meeting will be held at 7:00pm on Tuesday, May 12, 2009, at the Emmanuel Presbyterian Church, 19200 Willamette Drive, West Linn, Oregon 97068. At the neighborhood meeting, I will address any questions or concerns you may have regarding AT&T's proposal.

Pursuant to the City of West Linn's Community Development Code, Section 99.038, it is AT&T responsibility to notify all residents and business members within a 500 foot radius of the subject property. The proposed location of the collocation/tower extension is to be located at 19200 Willamette Drive, West Linn, Oregon 97068. The property is owned by the Emmanuel Presbyterian Church. The parcel identification is 21E24BB-04801.

As for our proposal, we are proposing to construct an extension to the existing bell tower by 10 feet in order to collocate our antennas within the existing design of the bell tower. The equipment compound for our auxiliary equipment will be extended by 12 feet within our designated lease area. This site is located in an R-10 Zone off Willamette Drive and Old River Road.

If you have any question or comments, please call me directly at (503) 367-5577. I thank you for your time and consideration regarding our invitation.

Sincerely,

Kevin S. Provance, Principal Planner
Goodman Networks, Inc/AT&T Wireless
7360 SW Hunziker Street, Suite 206
Portland, Oregon 97223
503-367-5577



Attached you will find the following:

Address Labels and Tax Maps for Parcels within a 500 foot radius of Parcel 21E24BB-04801, also known as 1920 Willamette Drive, West Linn, OR 97068.

Susan Candland
Candland Title Research, LLC
Tele: (201) 728-4341
scandland@candlandtitleresearch.com

PRESBYTERYN OF PORTLAND
19200 WILLAMETTE DR
WEST LINN, OR 97068

CEDAR LINN LLC
PO BOX 69506
PORTLAND , OR 97239

CHRISTINE JORDAN
12612 NE ROSE PKWY
PORTLAND, OR 97230

WILLIAM MORE
222 N RAMPART ST
NEW ORLEANS, LA 70112

WYSE INVESTMENT SERVICES CO
111 SW 5TH AVE #1100
PORTLAND, OR 97024

FRANK GORGONE
19970 OLD RIVER DR
WEST LINN, OR 97068

RAYMOND STONEKING
1040 CEDAR ST
LAKE OSWEGO, OR 97034

NORMAN LEVEE
22670 SE HIGHWAY 224
DAMASCUS , OR 97089

MONTY MERRITT
3701 MAPLETON DR
WEST LINN, OR 97068

MATT HUGET
3700 KENTHORPE WAY
WEST LINN , OR 97068

TRIBBETT FAMILY LTD PRTNESH
3595 CEDAROAK DR
WEST LINN, OR 97068

WEST LINN PROPERTIES
10250 SW NORTH DAKOTA ST
TIGARD, OR 97223

THEODORE LACHMAN
16984 ALDER CIR
LAKE OSWEGO, OR 97034

BEAN INVESTMENT REAL ESTATE INC
1882 SW HAWTHORNE TER
PORTLAND , OR 97201

WILLIAM BELDEN
PO BOX 388
WEST LINN, OR 97068

JOHN MICETIC
20024 OLD RIVER DR
WEST LINN, OR 97068

BYRON & SUSAN BRADY
20182 OLD RIVER RD
WEST LINN, OR 97068

HANG DINH
21892 NE MASTO ST
FAIRVIEW , OR 97024

SETH MURRAY
805 NW ALDER ST
MCMINNVILLE, OR 97128

JUDY VANACKER
3708 KENTHORPE WAY
WEST LINN, OR 97068

NEW LIFE CHURCH ROBINWOOD
19915 OLD RIVER DR
WEST LINN, OR 97068

ELDEN ETHINGTON
3777 UA AVE
EMMETT, ID 83617

CITY OF WEST LINN
22500 S SALAMO RD #600
WEST LINN, OR 97068

WYSE INVESTMENT SERVICES CO
111 SW 5TH AVE #1100
PORTLAND , OR 97204

BRENT CARLSON
19930 OLD RIVER DR
WEST LINN , OR 97068

SCOTT BAY
3611 KENTHORPE WAY
WEST LINN, OR 97068

TODD STONEKING
20240 OLD RIVER DR
WEST LINN, OR 97068

WILLIAM SHREVE
10180 SE CRESTHILL RD
HAPPY VALLEY, OR 97086

FRANCISCO VALERA
20286 OLD RIVER DR
WEST LINN, OR 97068

KEITH RIEFF
PO BOX 601
WEST LINN, OR 97068

CITY OF WEST LINN
22500 S SALAMO RD #600
WEST LINN, OR 97068

JACK & KATHLEEN SMITH
3950 RIDGEWOOD WAY
WEST LINN, OR 97068

TRIBBETT & SON
1942 WESTLAKE LOOP
NEWBERG, OR 97132

KEITH CIMINSKI
3753 KENTHORPE WAY
WEST LINN, OR 97068

WILLIAM & DORIS ALLEN
3870 RIDGEWOOD WAY
WEST LINN, OR 97068

KEVIN BYRICK, PRESIDENT/CHAIR
ROBINWOOD NEIGHBORHOOD ASSOCIATION
18840 NIXON AVENUE
WEST LINN, OR 97068

BENJAMIN & LINDA FOSTER
3707 CEDAROAK DR
WEST LINN, OR 97068

ERFRAN, INC.
3480 RIVERKNOLL WAY
WEST LINN, OR 97068

This map was prepared for assessment purpose only.

SE 1/4 NE 1/4 SECTION 23 T.2S R.1E. W.M.

2 IE 23AD

CLACKAMAS COUNTY

D.L.C.

GEORGE WALLING NO. 62

1" = 100'

3100

3400

3700

CANCELLED TAX LOTS
6301
6201

SEE MAP 2 IE 23AA

19100

3-02

SHOPPING CENTER

SEE MAP 2 IE 24BC

19300

102

SEE MAP 2 IE 23AB

SEE MAP 2 IE 23

SEE MAP 2 IE 23DB

SEE MAP 2 IE 23DA

SEE MAP 2 IE 24BC



2 IE 23AD
BOOK 12

This map was prepared for assessment purposes only.

NW 1/4 NW 1/4 SEC. 24 T. 2 S. R. 1 E. W. M.
CLACKAMAS COUNTY

D. L. C.
GEORGE WALLING NO. 62

2 IE 24BB
WEST LINN

1"=100'

3500

3800

4000

CANCELLED
TAX LOTS
1190
1390
4300A1
4901
3700
204

18800

103



SEE MAP 2 IE 24BA

SEE MAP 2 IE 23AA

SEE MAP 2 IE 24BC

2 IE 24BB

BOOK 12

This map was prepared for assessment purpose only.

S.W.1/4 N.W.1/4 SEC.24 T.2S. R.1E. W.M.
CLACKAMAS COUNTY

D.L.C.
GEORGE WALLING NO. 62

2 IE 24BC
WEST LINN

1"=100'

3500

3800

4100
19200

CANCELLED
2201
1901
30051

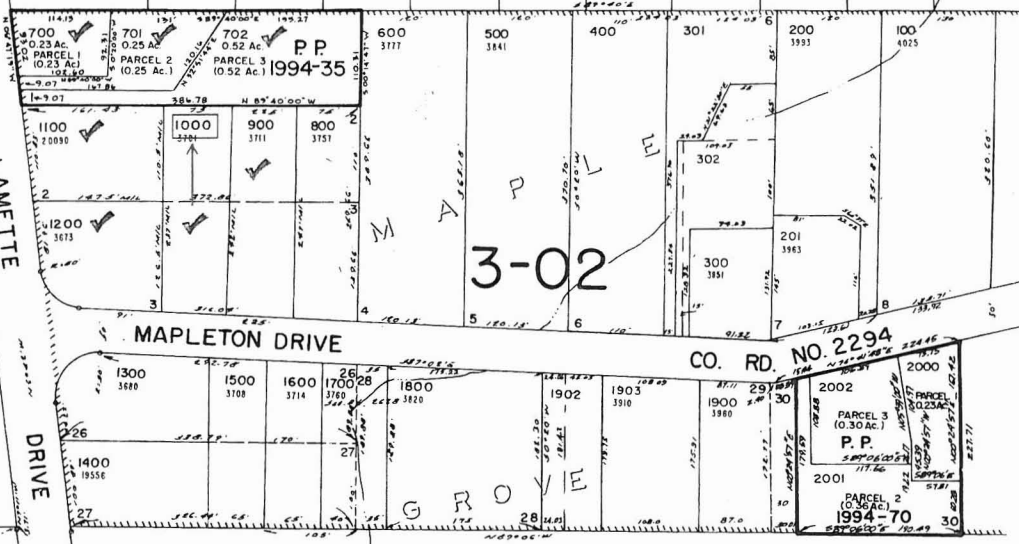
CO. RD. NO. 469

STATE HWY

WILLAMETTE DRIVE

SEE MAP 2 IE 23AD
S. 1/4 43 HARED WILLAMETTE DRIVE IN WEST LINN BY 86-38357

SEE MAP 2 IE 24BB

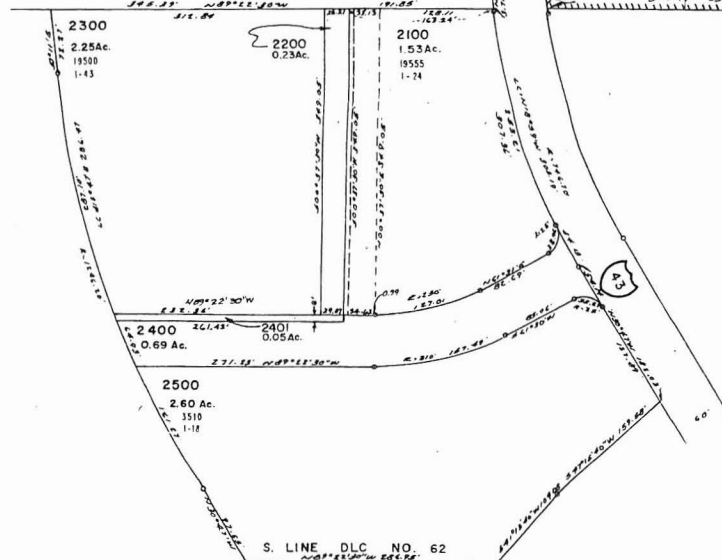


SEE MAP 2 IE 24 BD

19500

SEE MAP 2 IE 24

1901



19700

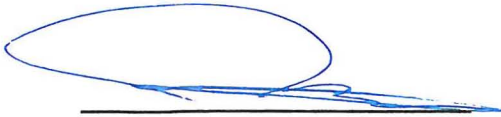
S. LINE DLC NO. 62
N. LINE DLC. 61

SEE MAP 2 IE 24CB

2 IE 24BC
WEST LINN
BOOK 12

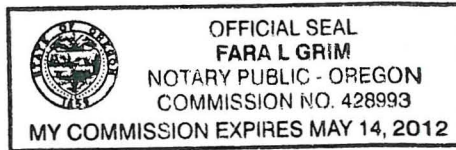
AFFIDAVIT OF POSTING – CITY OF WEST LINN, OREGON

I, Kevin S. Province, being first duly sworn, depose and say: As the applicant for the Maryhurst Project project, I hereby certify that I posted a sign for the Robinwood Neighborhood Association Meeting in accordance with the requirements of the City of West Linn Development Code on the 22ND day of April, 2009.



Signature

SUBSCRIBED AND SWORN to before me on this 25 day of August, 2009.



Notary Public for Oregon
My commission expires: 5/14/12

RE: Proof of Posting

NOTICE OF EARLY NEIGHBORHOOD NOTIFICATION MEETING

DATE **May 14, 2009** TIME **7:00PM**

MEETING LOCATION **Community Center, 1000 S. 10th St., Suite 100, St. Paul, MN 55108**

NEIGHBORHOOD ASSOCIATION **Edgewater**

PROPOSAL **Construction of 77 Single-Dwelling Units**

To be located on the site of the former Edgewater High School, 1000 S. 10th St., St. Paul, MN 55108. The project consists of the construction of 77 single-family detached units, including a mix of townhomes and single-family detached units. The project is located on the site of the former Edgewater High School, 1000 S. 10th St., St. Paul, MN 55108. The project is located on the site of the former Edgewater High School, 1000 S. 10th St., St. Paul, MN 55108.

106

NOTICE OF EARLY NEIGHBORHOOD NOTIFICATION MEETING

DATE May 12, 2009

TIME 7:00PM

MEETING LOCATION

Emmanuel Presbyterian Church
19200 Wilamette Drive, West Linn, OR 97068

NEIGHBORHOOD ASSOCIATION

Robinwood

PROPOSAL

Conditional Use / i Design Review Applications:

To extend existing wireless communication "bell tower" by 10 feet to collocate proposed wireless antennas within the design of the bell tower.

Goodman Networks on behalf of AT & T Wireless
Representative: Kevin S. Provanec 503-367-5577
kprovanec@goodmannetworks.com



**NOTICE OF EARLY
NEIGHBORHOOD
NOTIFICATION MEETING**

DATE: **May 18, 2009** TIME: **7:00PM**

MEETING LOCATION: **10000 10th Ave S, Suite 100, Minneapolis, MN 55425**

MEETING/WORKSHOP DESCRIPTION: **Public Meeting**

Project:
Construction of 10000 10th Ave S, Suite 100, Minneapolis, MN 55425
10,000 sq ft office building with 100 parking spaces
The project is located on the east side of 10th Ave S, between
10th and 11th St S, near the intersection of 10th Ave S and
11th St S.

Questions or comments may be sent to: **RTTY Corridor**
Development - **Attn: E. Housley**, 650 5th St S
Minneapolis, MN 55401

NOTICE OF EARLY
NEIGHBORHOOD
NOTIFICATION MEETING

DATE	TIME	LOCATION
FOR MORE INFORMATION:		
[Illegible text]		
[Illegible text]		
[Illegible text]		
[Illegible text]		

109





**City of West Linn
Robinwood Neighborhood Association (RNA, RN to be used for Robinwood Neighborhood)
Monthly Meeting Minutes
Tuesday, 05/12/09**

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The sidewalk at the north end of the new retail center 19072 Willamette.

Meeting adjourned at 8:47 PM.

Minutes authored by Kevin Bryck

DRAFT

|||

DR-09-01
CU-09 02

West
Linn

DEVELOPMENT REVIEW APPLICATION

TYPE OF REVIEW (Please check all boxes that apply):

- | | | | |
|-------------------------------------|--|--------------------------|--|
| <input type="checkbox"/> | Annexation | <input type="checkbox"/> | Non-Conforming Lots, Uses & Structures |
| <input type="checkbox"/> | Appeal and Review | <input type="checkbox"/> | One-Year Extension |
| <input checked="" type="checkbox"/> | Conditional Use | <input type="checkbox"/> | Planned Unit Development |
| <input checked="" type="checkbox"/> | Design Review | <input type="checkbox"/> | Pre-Application Meeting |
| <input type="checkbox"/> | Easement Vacation | <input type="checkbox"/> | Quasi-Judicial Plan or Zone Change |
| <input type="checkbox"/> | Extraterritorial Ext. of Utilities | <input type="checkbox"/> | Street Vacation |
| <input type="checkbox"/> | Final Plat or Plan | <input type="checkbox"/> | Subdivision |
| <input type="checkbox"/> | Flood Plain Construction | <input type="checkbox"/> | Temporary Uses |
| <input type="checkbox"/> | Hillside Protection and Erosion Control | <input type="checkbox"/> | Subdivision |
| <input type="checkbox"/> | Historic District Review | <input type="checkbox"/> | Tualatin River Greenway |
| <input type="checkbox"/> | Legislative Plan or Change | <input type="checkbox"/> | Variance |
| <input type="checkbox"/> | Lot Line Adjustment | <input type="checkbox"/> | Water Resource Area Protection/Wetland |
| <input type="checkbox"/> | Minor Partition (Preliminary Plat or Plan) | <input type="checkbox"/> | Willamette River Greenway |
| | | <input type="checkbox"/> | Other/Misc |

Home Occupation/Pre-Application/Sidewalk Use Permit/Permanent Sign Application/Temporary Sign Application require individual application forms available in the forms and application section of City website or at City Hall

TOTAL FEES/DEPOSIT \$ 4,500.00

Bryan Adams

OWNER'S Crown Castle 8547 154th Avenue NE Remond, WA 98052 425-202-2775

APPLICANT'S ATIT Mobility 19802 SW 72nd Avenue, Ste 200 Turkmen, OR 97062 503-691-5019

CONSULTANT Broadman Networks, Inc 7360 SW Hunziker St, Ste 200 Portland, OR 97223 503-367-5577

SITE LOCATION 19200 Willamette Drive, West Linn, OR 97068

Assessor's Map No.: 21E24BB-04800 Tax Lot(s): 04800 Total Land Area: 2.55 ac

- All application fees are non-refundable (excluding deposits).
- The owner/applicant or their representative should be present at all public hearings.
- A denial or grant may be reversed on appeal. No permit will be in effect until the appeal period has expired.
- Three (3) complete (single sided) hard-copy sets of application materials must be submitted with this application. One (1) complete set of digital application materials must also be submitted on CD in PDF format.

The undersigned property owner(s) hereby authorizes the filing of this application, and authorizes on site review by authorized staff. I hereby agree to comply with all code requirements applicable to my application.

SIGNATURE OF PROPERTY OWNER(S)

X [Signature] or agent for Crown Castle Date 8/28/09

SIGNATURE OF APPLICANT(S) Kevin S. Province

X [Signature] ON BEHALF OF ATIT Date 8/26/09

BY SIGNING THIS APPLICATION, THE CITY IS AUTHORIZED REASONABLE ACCESS TO THE PROPERTY. ACCEPTANCE OF THIS APPLICATION DOES NOT INFER A COMPLETE SUBMITTAL. COMPLETENESS WILL BE DETERMINED WITHIN 30 DAYS OF SUBMITTAL.

PLANNING AND BUILDING; 22500 SALAMO RD #1000; WEST LINN, OR 97068;
PHONE: 656-4211 FAX: 656-4106

CITY OF WEST LINN
 22500 Salamo Rd.
 West Linn, OR. 97068
 (503) 656-4211

PLANNING RECEIPT
 Receipt: # 935028
 Date : 09/25/2009
 Project: #CU-09-02
 BY: JN

NAME : GOODMAN NETWORKS
 ADDRESS : 6400 INTERNATIONAL PKWY, STE 1000
 CITY/STATE/ZIP: PLANO TX 75093
 PHONE # : 503-691-5019 (ATT)

SITE ADD. : 19200 WILLAMETTE DR

TYPE I HOME OCCUPATIONS		HO	\$
PRE-APPLICATIONS	Level I (), Level II ()	DR	\$
HISTORIC REVIEW	Residential Major (), Minor (), New ()	DR	\$
	Commercial Major (), Minor (), New ()		
SIGN PERMIT	Face (), Temporary (), Permanent ()	DR	\$
SIDEWALK USE PERMIT		DR	\$
APPEALS	Plan. Dir. Dec. (), Subdivsion (),	DR	\$
	Plan Comm./City Coun. (), Nbhd ()		

LOT LINE ADJUSTMENT		LA	\$
CITY/METRO BUSINESS LICENSE		BL	\$

The following items are paid by billing against the up-front deposit estimate.
 If the amount of time billed to your project exceeds the amount covered by the
 deposit, additional payment may be required.

DESIGN REVIEW	Class I (X), Class II ()	RD	\$	850.00
VARIANCE	Class I (), Class II ()	RD	\$	
SUBDIVISION	Standard (), Expedited ()	RD	\$	
ANNEXATION	"Does Not Include Election Cost"	RD	\$	
CONDITIONAL USE		RD	\$	3650.00
ZONE CHANGE		RD	\$	
MINOR PARTITION		RD	\$	
MISCELLANEOUS PLANNING		RD	\$	
Boundry Adjustments	()			
Modification to approval	()	Water Resource		
Code Amendments	()	Area Protection	()	
Comp. Plan Amendments	()	Street Vacations	()	
Temporary Permit Admin.	()	Easement Vacations	()	
Temporary Permit Council	()	Will. River Greenway	()	
Flood Management	()	Tualatin River Grwy.	()	
Inter-Gov. Agreements N/C	()	Street Name Change	()	
Alter Non-Conforming Res.	()	Code Interpretations	()	
Alter Non-Conforming Comm.	()	Type II Home Occ.	()	
Measure 37 Claims	()	Planned Unit Dev. PUD	()	

TOTAL REFUNDABLE DEPOSIT		RD	\$	4500.00
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GENERAL MISCELLANEOUS Type:		PM	\$	
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TOTAL	Check # 54623	Credit Card ()	Cash ()	\$	4500.00
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