



ARLINGTON COUNTY, VIRGINIA

County Board Agenda Item
Meeting of December 12, 2009

DATE: December 3, 2009

SUBJECT: U-3235-09-1 USE PERMIT for Clearwire for three (3) dish antennas on an existing tower located at 6900 Washington Blvd. within VDOT right-of-way.

Applicant:
Clearwire US, LLC

By:
Network Building and Consulting, LLC
7380 Coca Cola Drive
Suite 106
Hanover, Md 21076

C. M. RECOMMENDATION:

Approve the use permit request for three (3) dish antennas on an existing tower at 6900 Washington Blvd., subject to the conditions in the staff report.

ISSUES: This is a new request for three (3) dish antennas on an existing tower and no issues have been identified.

SUMMARY: This is a new request of Clearwire, a company that provides broadband Internet service, for three (3) dish antennas on an existing tower. The tower is located in the Virginia Department of Transportation (VDOT) right-of-way between westbound I-66 and the on-ramp from Washington Boulevard. The existing monopole is 120 feet, and the proposed antennas would be located at 111 feet. All associated ground equipment would be located within an existing equipment shelter, which is currently screened by existing landscaping. Three (3) additional antennas on an existing monopole would create minimal additional visual impact, and the proposal is consistent with the Interim Guidelines for Placement of Telecommunications Facilities on County-Owned Property (Telecommunications Guidelines), which encourage location of antennas on existing structures. Therefore, staff recommends approval of the use permit for three (3) dish antennas on an existing tower at 6900 Washington Blvd., subject to the conditions in the staff report.

County Manager: BMD/GA

Staff: Melanie Jesick, DCPHD, Planning Division

PLA-5402

BACKGROUND: The following provides information about the site:

Site: The site is comprised of VDOT right-of-way between westbound I-66 and the on-ramp from Washington Boulevard, near the border with Fairfax County.

To the north:	On-ramp to I-66 from Washington Blvd. and single-family detached homes.
To the south	I-66.
To the east:	Washington Blvd. and single-family detached homes.
To the west:	I-66.

Zoning: The site is zoned “S-3A” Special Districts.

Land Use: The subject site is designated “Public” Parks (*local, regional, and federal*). Schools (*public*). Parkways, major unpaved rights-of-way. Libraries and cultural facilities.

Neighborhood: The site is located within the Arlington-East Falls Church Civic Association. The Arlington-East Falls Church Civic Association has been notified, but has not provided comments on the use permit request to date.

DISCUSSION: Clearwire is requesting use permit approval to install three (3) dish antennas on an existing tower at 6900 Washington Boulevard. A use permit is needed to permit these changes. Clearwire is a company that offers wireless broadband Internet services. The existing tower is 120 feet, and the proposed antennas would be placed at 111 feet. All associated ground equipment for the proposed antennas would be placed in an existing Sprint shelter. The facility is unmanned and only requires infrequent visits by maintenance personnel.

The Interim Guidelines for Placement of Telecommunications Facilities on County-Owned Property (Telecommunications Guidelines) were used to evaluate the application. The Telecommunication Guidelines offer direction in the way of design, visual impact, and compliance with Federal Communications Commission (FCC) regulations, among other things. The Telecommunication Guidelines can be applied to telecommunication facilities on privately owned as well as County-owned property. The Telecommunications Guidelines encourage the location of new antennas on existing structures, as opposed to constructing a new pole. The proposed antennas meet these criteria. In addition, the antennas will not exceed the existing height of the monopole. Attached are plans depicting the location and appearance the proposed dish antennas.

CONCLUSION: Staff concludes that the proposed design and location of the telecommunication facility will minimally impact the community, and the facility is in compliance with the County’s Telecommunication Guidelines. Therefore, staff recommends approval of the use permit for three (3) dish antennas on an existing tower at 6900 Washington Blvd., subject to the following conditions.

Conditions:

1. The applicant agrees that the three (3) Clearwire dish antennas on the existing tower at 6900 Washington Boulevard will be installed as shown on plans dated June 10, 2009. More than three (3) Clearwire dish antennas on the tower would require a use permit amendment.
2. The applicant shall identify a community liaison that shall be available to address any concerns regarding the facility operation. The name and telephone number of the liaison shall be provided to the Arlington-East Falls Church Civic Association and the Zoning Administrator.
3. The applicant agrees that the Clearwire antennas shall be removed within ninety (90) days after any cessation of use.

PREVIOUS COUNTY BOARD ACTIONS:

There have been no previous County Board actions on the site.

24 AUGUST 2008
 PRINTED

ROBERT J. LARA
 No. 12814
 REGISTERED ARCHITECT
 STATE OF VIRGINIA

No.	Date	Action
1	06/24/08	CS/ZD FINAL
0	07/13/08	CS/ZD FINAL
A	08/12/08	ISSUED FOR CLIENT REVIEW

MORRISON HERSHFIELD
 Two South University Drive, Suite 245,
 Arlington, VA 22204
 Tel: 804.337.4600 Fax: 804.337.4599
 www.morrisonhershfield.com

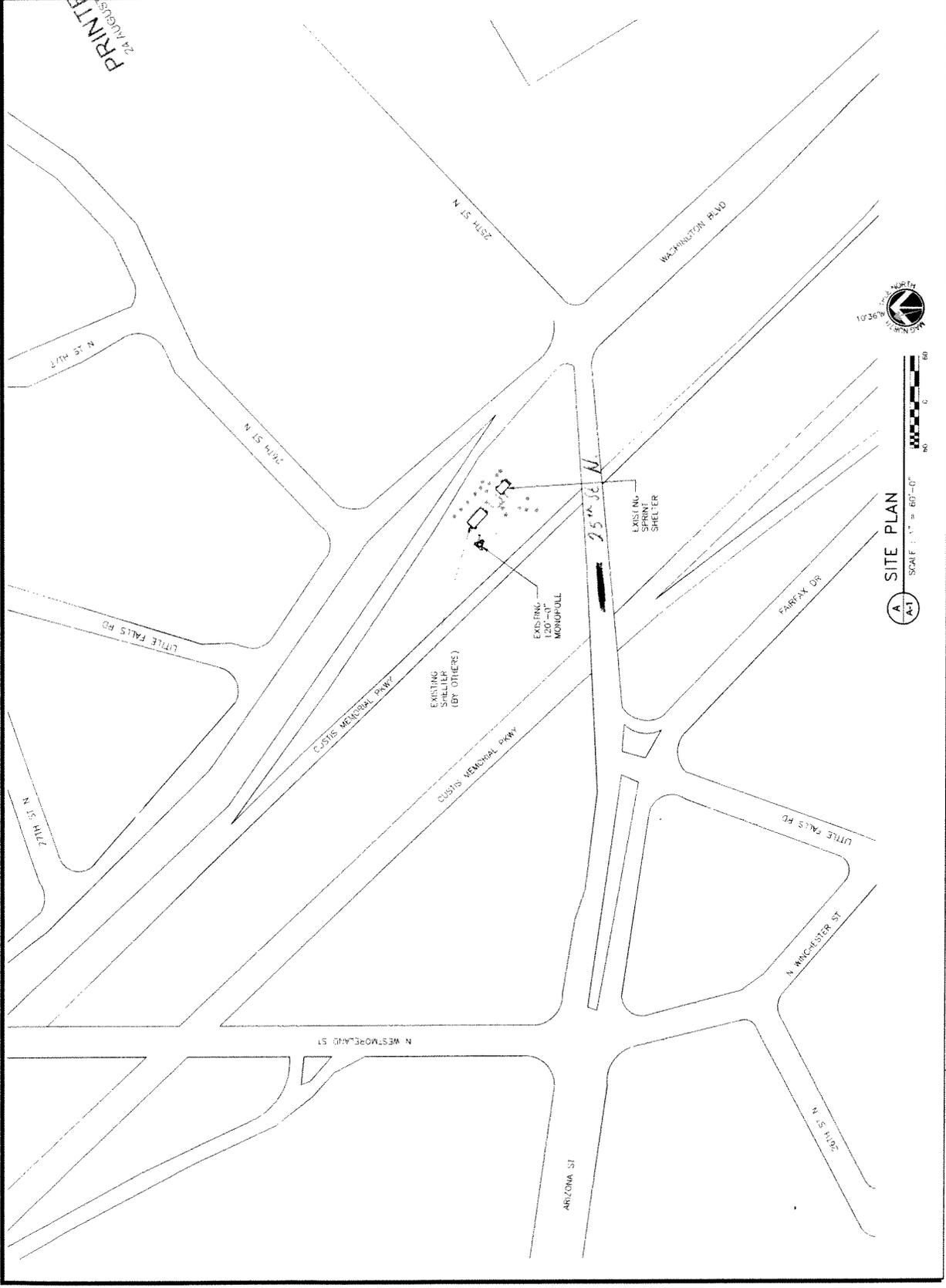
Client:
clearwre
400 GARDEN ST. #200
 ARLINGTON, VA 22202

Project:
**CELLONE BRILYNN PARK
 DC-WSH5122G
 6900 N WASHINGTON BLVD
 ARLINGTON, VA 22213**

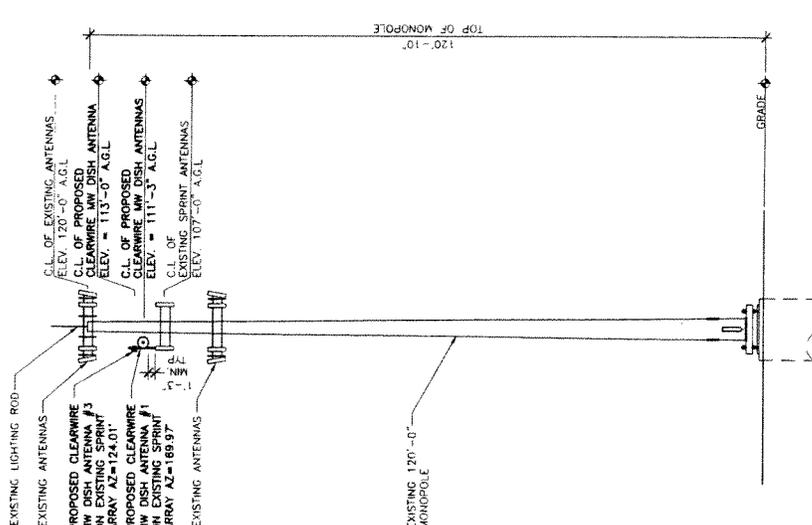
Drawing Title:
SITE PLAN

Project No.	6000093
Design:	02/10/09
Drawn By:	MS/AR
Checked By:	MS/AR
Client Approval:	MS/AR

Drawing No.	1
Sheet No.	A-1

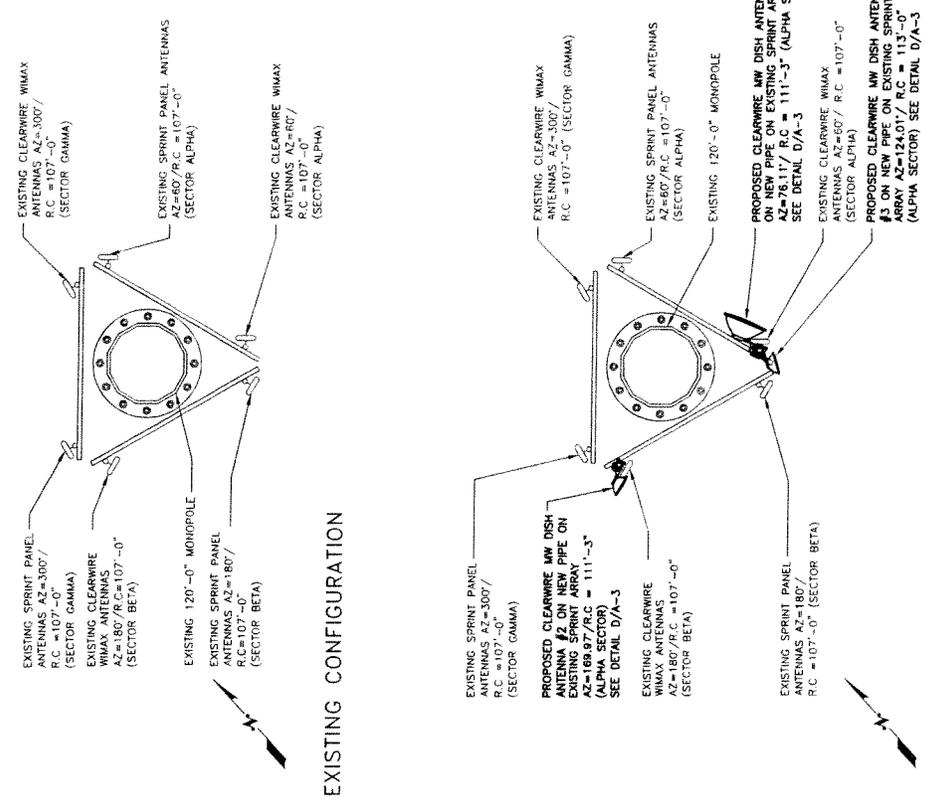


SCALE: 1" = 60'-0"
 NORTH
 A-1 SITE PLAN



TOWER PROFILE
SCALE: 3/32" = 1'-0"

NOTES: NO WORK SHALL COMMENCE WITHOUT THE APPROVED STRUCTURAL TOWER/ANTENNA ANALYSIS REPORT (SIGNED AND SEALED) PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL REVIEW THE APPROVED TOWER STRUCTURAL ANALYSIS SUPPLIED BY CLEARWIRE AND MODIFY, IF REQUIRED, ALL APPLICABLE MEMBERS AS INDICATED IN CERTIFIED STRUCTURAL REPORT PRIOR TO INSTALLATION OF ANTENNAS AND COAX CABLES.



ANTENNAS ORIENTATION
NOT TO SCALE

NOTES: 1. CONTRACTOR TO PROVIDE EXISTING ANTENNAS VERIFICATION TO INCLUDE MOUNTING HEIGHT, RC, TOP AND BOTTOM OF ANTENNA AND AZIMUTHS FOR ALL ANTENNAS.
2. CONTRACTOR SHALL VERIFY NEW PARTS BEFORE ORDERING.
3. REFER TO 'RF SYSTEM SCHEDULE PANEL ANTENNAS', SHEET A-3 FOR ANTENNAS SPECS.

PRINTED
14 JULY 2009

COMMUNITY OF VIRGINIA
ROBERT J. LARA
No. 12814
ARCHITECT

ROBERT JERRY LARA
REGISTERED ARCHITECT
STATE OF VIRGINIA
12814

No.	Date	Action
0	07/13/09	CD/2D PNL
A	08/13/09	REVISION FOR CLERK REVIEW

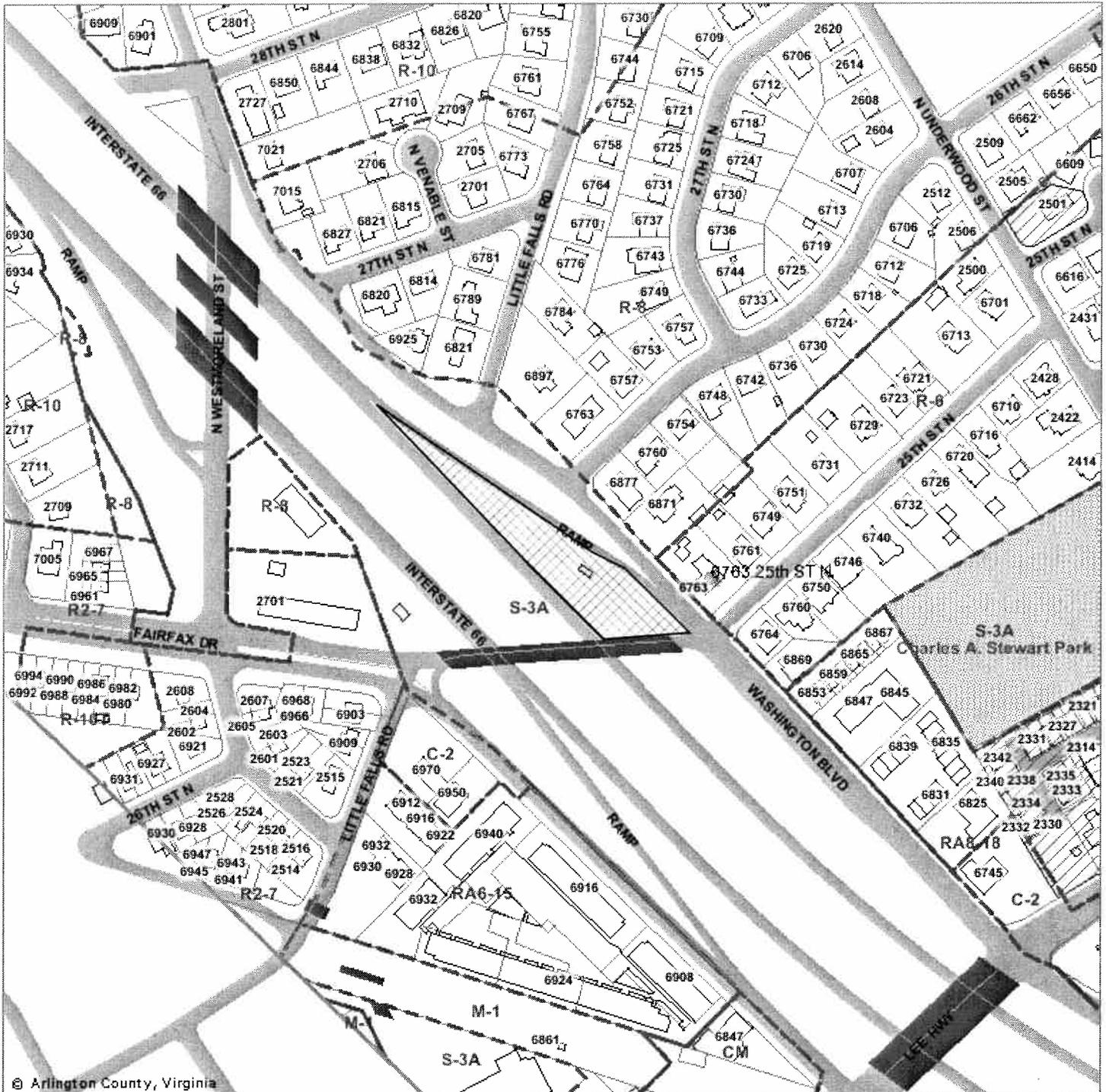
MORRISON HERSHFELD
Tel: 844.377.4655 Fax: 844.577.4658
1000 N. WASHINGTON BLVD
ARLINGTON, VA 22213
www.mhclearwire.com

clearwire
4800 S. GARDEN ST.
ARLINGTON, VA 22207

Project:
CELLONE BRILYN PARK
DC-WSH5122G
6900 N WASHINGTON BLVD
ARLINGTON, VA 22213

Drawing Title:
TOWER PROFILE &
ANTENNAS
ORIENTATION

Project No.	60900683
Designer:	LB
Date:	08/10/09
Drawn By:	CB
Checked By:	CB
Scale:	As Shown
Client:	Clearwire
Client Approval:	
Issue No.	0
Drawing No.	A-2



U-3235-09-1
6900 Washington Blvd.

Note: These maps are for property location assistance only.
 They may not represent the latest survey and other information.



Not To Scale

