

VN
7K
REGAN
al: (860) 509-6522
an@brbilaw.com

RECEIVED

JUN 30 2003

CONNECTICUT
SITING COUNCIL

Via Hand Delivery

June 30, 2003

Pamela B. Katz, Chairman
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

**RE: Request of Sprint Spectrum, L.P. d/b/a Sprint PCS
Request for Feasibility Proceeding Regarding Tower Sharing Proposal of a
Tower Located on 23 Kelleher Court, Wethersfield, Connecticut**

Dear Chairman Katz:

Enclosed for filing please find an original and twenty-five copies of Sprint's above-referenced tower sharing proposal. I also enclose herewith one full-size copy of the site plan for your files.

Also enclosed is a check in the amount of \$500.00 representing the filing fee above-referenced.

Please do not hesitate to contact me directly should you have any questions.

Very truly yours,

BROWN RUDNICK BERLACK ISRAELS LLP

By: Thomas J. Regan / sh
Thomas J. Regan

TJR/bh
Enclosures

#40174774 v1 - regantj - x31y011.doc - 80563/3146

CityPlace I
Hartford, Connecticut 06103
860.509.6500
fax 860.509.6501
www.brownrudnick.com

Boston | Dublin | London | New York | Providence

ORIGINAL

CONNECTICUT SITING COUNCIL

RECEIVED

In re:

Request of Sprint Spectrum, L.P. d/b/a Sprint :
PCS for the Approval of the Shared Use of an :
Existing Tower Located at 23 Kelleher Court in :
Wethersfield, Connecticut. : June 30, 2003

JUN 30 2003

CONNECTICUT
SITING COUNCIL

REQUEST FOR FEASIBILITY PROCEEDING REGARDING

TOWER SHARING PROPOSAL

TS-SPRINT-159-030630

I. INTRODUCTION

Sprint Spectrum, L.P. d/b/a Sprint PCS ("Sprint") proposes to share an existing monopole (the "Tower") and the associated compound owned by the Town of Wethersfield ("Town") and located at Firehouse # 3, 23 Kelleher Court in Wethersfield, Connecticut (collectively, the "Facility"). The Town has passed a moratorium on additional collocation at the Facility and therefore Sprint is requesting that the Siting Council ("Council") initiate a feasibility proceeding pursuant to Conn. Gen. Stat. § 16-50aa (c) (2) to determine that Sprint's proposed shared use is technically, legally, environmentally and economically feasible and meets public safety concerns.

II. BACKGROUND

Sprint approached the Town with its proposal to collocate its antennas at the Facility. Sprint received an oral request from Mike Turner, Town Engineer, to submit a Letter of Intent to the Town to formalize Sprint's proposal. On December 18, 2002, Tom Abernatha of Pyramid Network Services, LLC submitted (on Sprint's behalf) a Letter of Intent to the Town (Exhibit 1). In that letter, Pyramid stated that Sprint was willing to enter into a lease agreement with the

Town to collocate at the Facility.

On December 30, 2002, Sprint received a letter from Joseph Swetcky, Jr., Interim Town Manager for the Town (Exhibit 2), indicating that the Town Council, on November 4, 2002, had passed a moratorium (Exhibit 3) on the Kelleher Court site and would not be accepting additional offers from private telecommunication companies to collocate at that site.

III. DISCUSSION

The State of Connecticut has found that “the sharing of towers for fair consideration whenever technically, legally, environmentally and economically feasible, and whenever such sharing meets public safety concerns, will avoid the unnecessary proliferation of towers and is in the public interest.” Conn. Gen. Stat. § 16-50aa (a). As demonstrated in this request, Sprint’s proposal is technically, legally and environmentally feasible. Furthermore, by sharing the Facility, Sprint is reducing the proliferation of towers in Wethersfield, which is clearly in the public interest.

Due to the moratorium, the Town refused to give permission for Sprint to collocate at the existing Facility forcing Sprint to bring the issue before the Council. Therefore, Sprint requests, pursuant to Conn. Gen. Stat. § 16-50aa (c) (2), that the Council “initiate a feasibility proceeding to determine whether the proposed shared use is technically, legally, environmentally and economically feasible and meets public safety concerns” and that the Council issue an order “requiring the owner of the facility to permit the proposed shared use upon such terms, conditions or limitations as the council determines necessary.”

(a) The Facility

Sprint's draft site plan for the Facility (Exhibit 4) is based solely on information filed with the Town by other carriers as of March 21, 2003, as Sprint has not been allowed access to the Facility.

The existing Facility, located at Firehouse # 3 at 23 Kelleher Court, is owned by the Town. The Town, AT&T and Verizon currently locate their antennas on the 180-foot monopole (at 150, 140 and 130 feet respectively) and AT&T's and Verizon's equipment cabinets sit inside the compound. Presently, seven trees line the eastern side of the compound which is bordered by a stockade fence. The remainder of the compound is bordered by a chain link fence.

Sprint's 12-foot by 24-foot lease area will be located in the northwest corner of the compound. The base station equipment associated with the antennas will be located on a 9-foot 6-inch by 18-foot concrete slab within the lease area.

(b) COVERAGE

Sprint has identified a significant gap in service coverage along the Wilbur Cross Parkway and State Highway 314 as well as the surrounding areas of Wethersfield. This gap in coverage was identified via customer feedback, baseline drive test data of the existing network coverage and a review of call data collected at the network switching center from Sprint's existing sites in the Wethersfield vicinity. This data indicates that Sprint's customers are experiencing difficulty originating new calls and are also experiencing a high number of dropped calls in the area. The result is substandard service in this area of Wethersfield.

To remedy this deficiency in coverage, Sprint proposes the installation of twelve antennas (four per sector) on the Tower at 163.5 feet. Sprint also proposes to mount a small global positioning system antenna to the ice bridge support post. Two coverage plots are

attached (Exhibit 5). The first shows Sprint's existing coverage in the area and the second shows Sprint's coverage from the Facility.

Sprint has not yet been able to determine the structural capability of the Tower because it has not been able to obtain the appropriate technical details from the Town.

(c) Legal Feasibility

Pursuant to subsection 16-50aa (c) (1), "[a] person, firm, corporation or public agency which transmits or receives signals in the electromagnetic spectrum for a commercial or public purpose pursuant to a Federal Communications Commission license may submit a request...to the owner of a facility that the owner permit shared use of the facility." Sprint is a Delaware limited partnership licensed by the Federal Communications Commission ("FCC") in 32 major United States trading areas, including Connecticut and is a corporation within the meaning of 16-50aa (c) (1) and the Town of Wethersfield is the owner of a facility as defined by Conn. Gen. Stat. §16-50aa (b). Accordingly, it falls within the Siting Council's authority to review and approve the shared use of the Facility.

(d) Environmental Feasibility

Sprint's proposal will meet the environmentally feasibility requirement of Conn. Gen. Stat. § 16-50aa for the following reasons:

- The overall impact on the Town of Wethersfield will be decreased with the sharing of a single tower versus the proliferation of many towers;
- The proposal will not increase the height of the Tower;
- The proposal will have not have a significant visual impact with the addition of four panel antennas per sector;
- There will be no increased impact on any wetlands or water resources;

- There will be no increased impact on air quality because no air pollutants will be generated during the normal operation of the Facility;
- There will only be a brief, slight increase in noise during the attachment of the antennas;
- During construction, the proposed project will generate a small amount of traffic as workers arrive and depart and materials are delivered. Upon completion, traffic will be limited to an average of one monthly maintenance and inspection visit;
- The total frequency electromagnetic radiation of the power density measured at the Facility will not be at or above the standard adopted by the FCC. Attached as Exhibit 6 is a worst case power density analysis for the operation of Sprint's antennas at the Facility as measured at the base of the Tower. The cumulative power density is 4.858 % of the maximum permissible exposure based on the NCRP standard. These calculations show that the Facility will be well below the FCC mandated limits in all locations around the existing Tower, even with extremely conservative assumptions.


(e) Public Safety Concerns / Benefits

There are no known public safety concerns associated with this request. Moreover, Sprint will be enhancing the communication needs of the citizens of the community. This Facility is expected to provide coverage to the Wilbur Cross Parkway, State Highway 314 and the surrounding secondary roads in Wethersfield, Newington and Hartford. Therefore, not only will this Facility be an essential part of Sprint's telecommunications network throughout Connecticut, it will facilitate wireless communications for emergency services, businesses and residents in and around this area of Wethersfield.

Conclusion

Sprint respectfully requests that the Council initiate a feasibility proceeding to determine if the shared use of the Facility is technically, legally, environmentally and economically feasible and meets public safety concerns.

Sprint Spectrum, L.P.
d/b/a Sprint PCS

By:  _____
Thomas J. Regan
Brown Rudnick Berlack Israels LLP
185 Asylum Street, CityPlace I, 38th Floor
Hartford, CT 06103-3402
Phone - (860) 509-6522
Fax - (860) 509-6501

Certificate of Service

This is to certify that on this 30th day of June 2003, the foregoing Request for Feasibility Proceeding for a Tower Sharing Proposal was sent, via first class mail, to the following:

Bonnie L. Therrien, Town Manager
Town Hall
505 Silas Deane Highway
Wethersfield, CT 06109

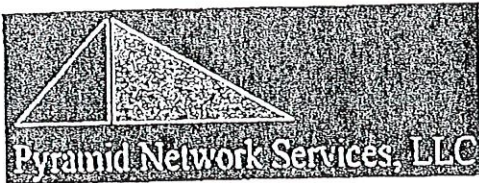
John Bradley, Esq.
Rome McGuigan Sabanosh PC
One State Street
Hartford, CT 06103-3101

By:  _____
Thomas J. Regan

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CT 967-LOT

Exhibit 1



Pyramid Network Services, LLC.
 8 Church Street.
 Mezzanine – North Suite
 Torrington, CT 06790

December 18, 2002

Jan 06

Mike Turner, Town Engineer
 Town of Weathersfield
 505 Silas Deane Highway
 Weathersfield, CT 06109

RE: Telecommunications Facility at Firehouse #3, 23 Kelleher Court

Dear Mike:

I am writing on behalf of Sprint Spectrum L.P. ("Sprint") in response to your request for a "Letter of Intent" from Sprint to collocate on the existing town owned telecommunications facility on the above-referenced property.

Sprint is willing to enter into a mutually agreed upon lease agreement with the Town to locate Sprint's antennas on the tower at one of the predetermined heights of 173' or 163' ACL.

We look forward to working cooperatively with the Town on this project. If you have any questions, please do not hesitate to contact me directly.

Very truly yours,

By: Tom Abernatha
 Tom Abernatha
 Project Manager - CT

cc: Chris Pescatore, Sprint Spectrum L.P.
 Fred Martin, Martin AG

Town of Wethersfield
505 SILAS DEANE HIGHWAY
WETHERSFIELD, CONNECTICUT 06109



January 06
December 30, 2002

Mr. Tom Abernatha
Project Manager-CT
Pyramid Network Services, LLC
8 Church Street
Mezzanine-North Suite
Torrington, CT 06790

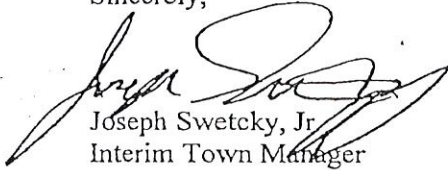
RE: Telecommunications Facility at 23 Kelleher Court

Dear Mr. Abernatha:

Town Engineer Mike Turner provided me with a copy of your letter of December 18, 2002 in which you indicate that Sprint Spectrum LP has an interest in locating antennas on the Town's telecommunications tower at 23 Kelleher Court.

Please be advised that as a result of a moratorium imposed by the Wethersfield Town Council on November 4, 2002, the town is not entertaining offers from private telecommunications companies to collocate at the Kelleher Court site. The town does have limited space available on a town-owned telecommunications tower at 250 Silas Deane Highway that may interest your client. If so, please contact our representative, Fred Martin of Martin AG to discuss the specifics.

Sincerely,


Joseph Swetcky, Jr.
Interim Town Manager

Cc. Mike Turner, Town Engineer
Fred Martin, Martin AG

Approved

H+S by RPR
Town Attorney
Date: 11/1/02

For ACTION

Public Hearing: November 4, 2002
Council Action: APPROVED
Effective Date: Nov 5 2002
Moved By: Deputy Mayor O'Connor
Seconded By: Flynn

ORDINANCE GOVERNING THE LOCATION OF CELLULAR EQUIPMENT ON TOWER AT KELLEHER COURT

WHEREAS, there is concern expressed by the residents of the area surrounding Kelleher Court regarding the cellular equipment located on the public safety tower; and

WHEREAS, the location for the tower is required to meet the public safety needs of the Town of Wethersfield;

NOW THEREFORE be it ordained that no additional private companies will be permitted to locate equipment on the public safety tower at Kelleher Court.

INTRODUCTION: Councilor Thomas Fitzpatrick
PREPARED BY: Councilor Thomas Fitzpatrick
DATE: October 21, 2002

Coverage without AT&T Monopole

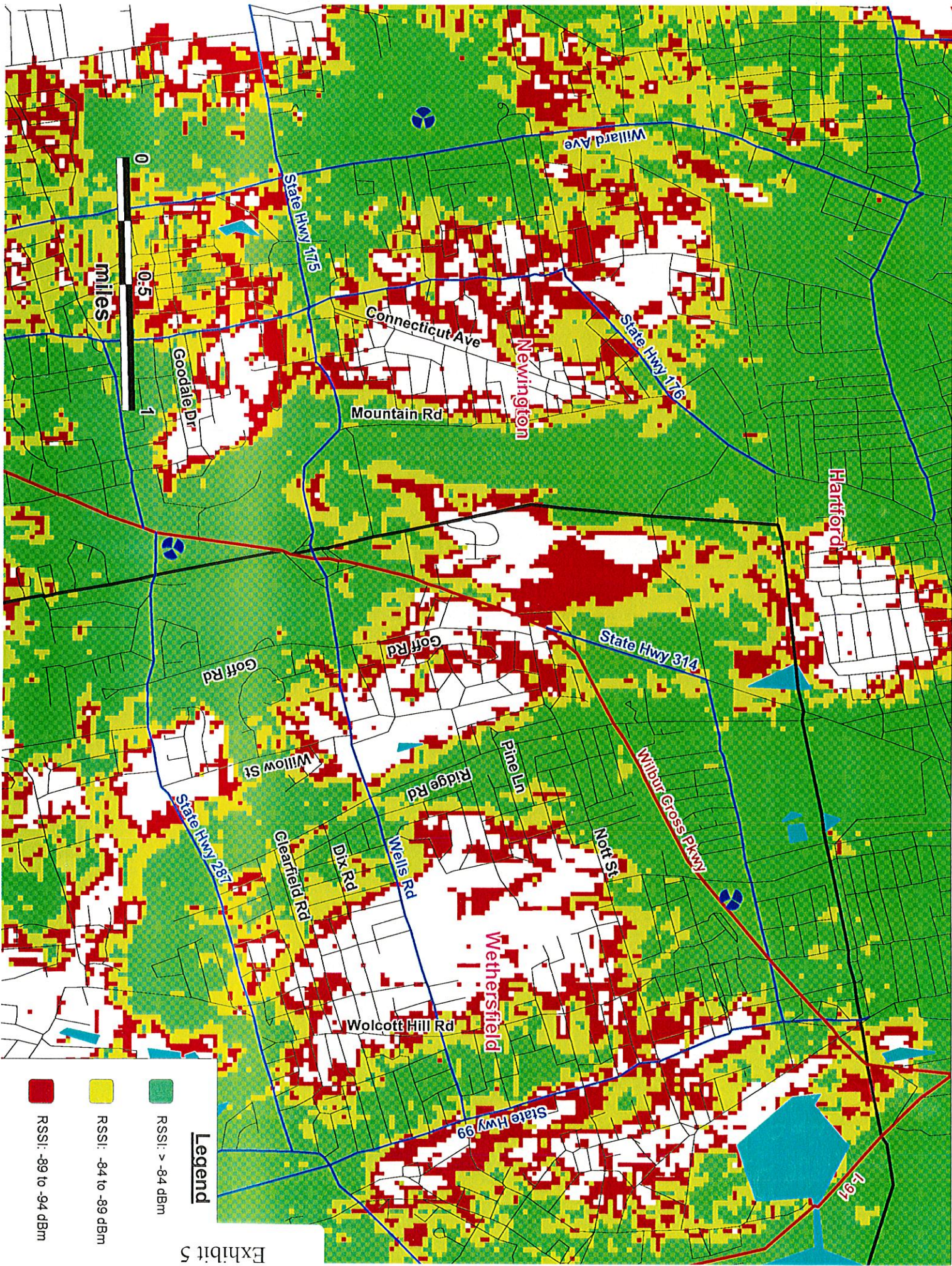
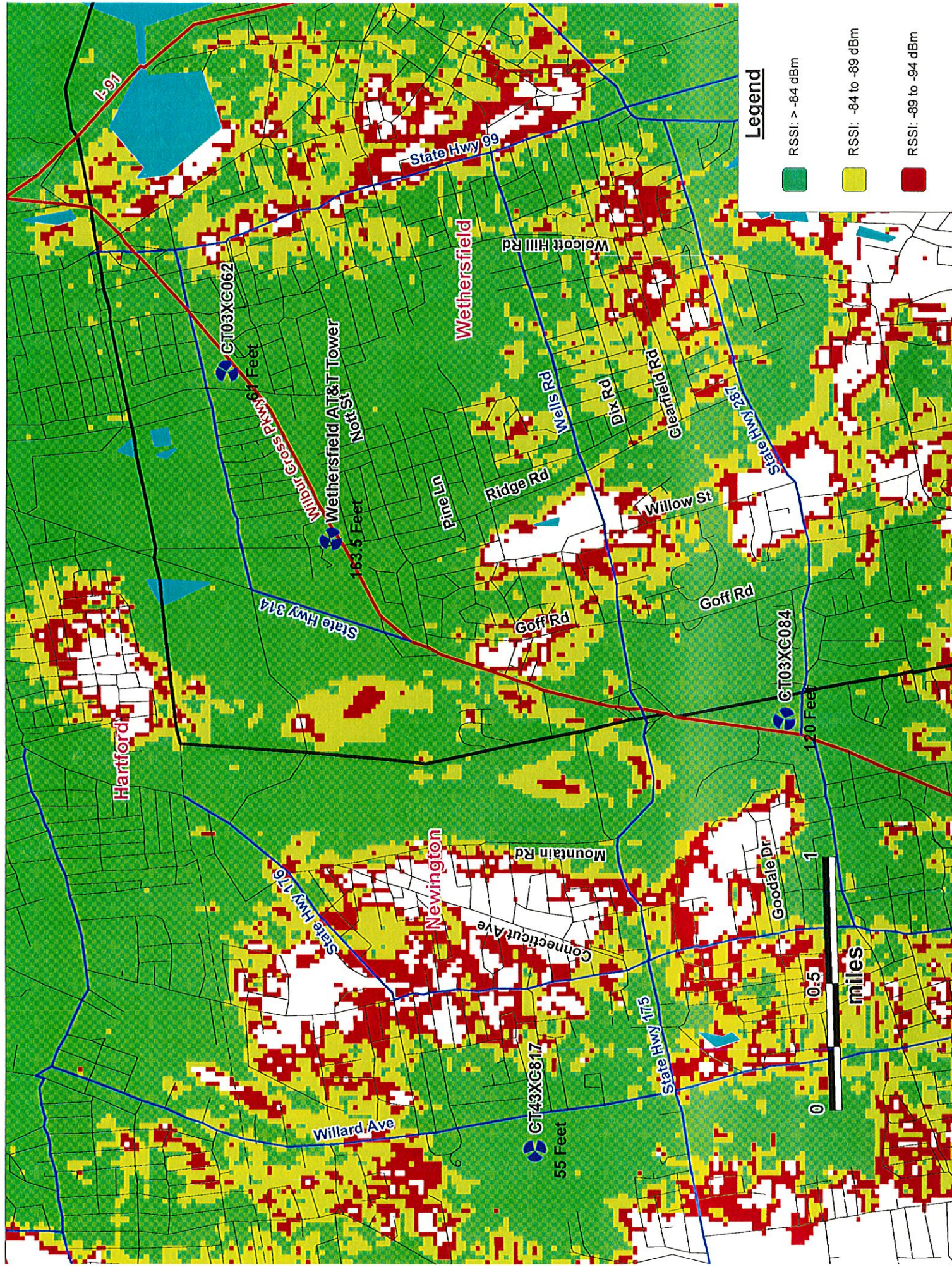


Exhibit 5

Coverage with AT&T Monopole



Power Density Analysis Table

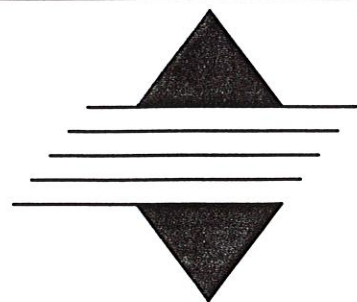
Sprint Site Cascade : CT58XC967 - Wethersfield, CT

AT&T Monopole, 23 Kelleher Ct, Wethersfield, CT

Worst Case Power Density Analysis of Sprint PCS Antennas @ Base of Tower. Assumes Max ERP & No Antenna Pattern Adjustment.

Operating Frequency (MHz)	Number of Trans.	Effective Radiated Power (ERP) Per Transmitter (Watts)	Total ERP (Watts)	Antenna Height (Feet)	Distance From Base of Tower (Feet)	Calculated Power Density (mW/cm ²)*	Maximum Permissible Exposure*	%MPE
1962.5	11	210.1	2311	163.5	0	0.048578	1.000	4.858%
1962.5	11	210.1	2311	163.5	50	0.044424	1.000	4.442%
1962.5	11	210.1	2311	163.5	100	0.035353	1.000	3.535%
1962.5	11	210.1	2311	163.5	150	0.026377	1.000	2.638%
1962.5	11	210.1	2311	163.5	200	0.019460	1.000	1.946%
1962.5	11	210.1	2311	163.5	250	0.014553	1.000	1.455%
1962.5	11	210.1	2311	163.5	300	0.011125	1.000	1.112%
1962.5	11	210.1	2311	163.5	350	0.008702	1.000	0.870%
1962.5	11	210.1	2311	163.5	400	0.006954	1.000	0.695%
1962.5	11	210.1	2311	163.5	450	0.005665	1.000	0.567%
1962.5	11	210.1	2311	163.5	500	0.004693	1.000	0.469%

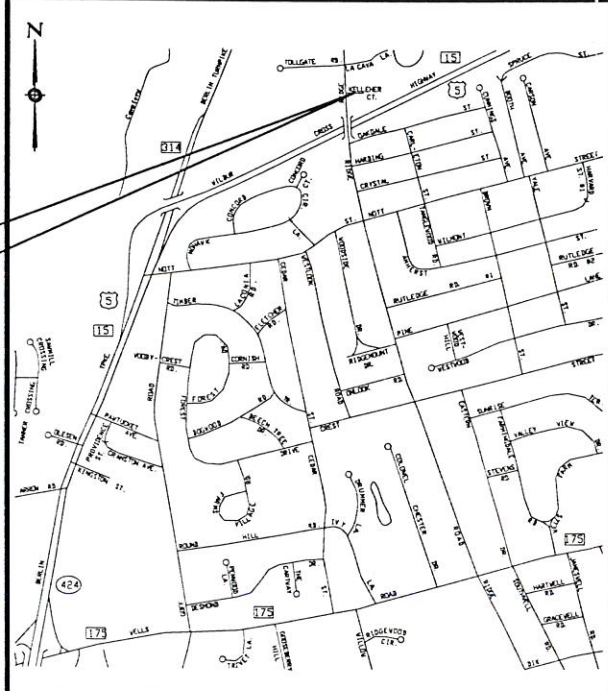
***Requirements set forth in OET Bulletin 65. Based on NCRP Report No. 86 and ANSI/IEEE C95.1-1992.**



Sprint PCS

SITE I.D.# CT58XC967

WETHERSFIELD
23 KELLEHER COURT
WETHERSFIELD, CONNECTICUT 06109

<p>LOCATION MAP N.T.S.</p> 	<p>GENERAL NOTES</p> <ol style="list-style-type: none"> 1. ADA COMPLIANCE: FACILITY IS NOT STAFFED AND NOT NORMALLY OCCUPIED. 2. FOR ADDITIONAL NOTES AND DETAILS, SEE ACCOMPANYING DRAWINGS. 						
<p>DRIVING DIRECTIONS</p> <p>FROM HARTFORD TAKE I-91 SOUTH TO EXIT 24, TAKE CT-99 NORTH AND TURN LEFT ONTO CT-175, WELLS ROAD. TURN RIGHT ONTO RIDGE ROAD AND THEN RIGHT ONTO KELLEHER COURT.</p>	<p>PROJECT DESCRIPTION</p> <p>INSTALLATION OF A WIRELESS TELECOMMUNICATIONS FACILITY. PROPOSED SPRINT PCS ANTENNAS SHALL BE MOUNTED ON AN EXISTING MONOPOLE WITH PROPOSED EQUIPMENT MOUNTED ON A CONCRETE SLAB AT GRADE.</p> <p>LEGAL DESCRIPTION</p> <p>SITE NAME: WETHERSFIELD PROPERTY OWNER: TOWN OF WETHERSFIELD 505 SILAS DEANE HIGHWAY WETHERSFIELD, CT 06109 SITE ADDRESS: 23 KELLEHER COURT WETHERSFIELD, CONNECTICUT 06109</p> <p>PROJECT DIRECTORY</p> <p>APPLICANT: SPRINT SPECTRUM LP. dba SPRINT PCS 1 INTERNATIONAL BLVD. MAHWAH, NJ 07495 ENGINEER: URS CORPORATION AES 795 BROOK STREET, BLDG. 5 ROCKY HILL, CT 06067 (860) 529-8882</p> <p>SHEET INDEX</p> <table border="1"> <tr> <td>T-1</td> <td>TITLE SHEET</td> </tr> <tr> <td>SC-1</td> <td>COMPOUND PLAN AND TOWER ELEVATION</td> </tr> <tr> <td>SC-2</td> <td>DETAILS</td> </tr> </table>	T-1	TITLE SHEET	SC-1	COMPOUND PLAN AND TOWER ELEVATION	SC-2	DETAILS
T-1	TITLE SHEET						
SC-1	COMPOUND PLAN AND TOWER ELEVATION						
SC-2	DETAILS						

URS CORPORATION AES
 795 BROOK STREET, BLDG 5
 ROCKY HILL, CONNECTICUT
 1-(860)-529-8882

WETHERSFIELD
 23 KELLEHER COURT
 WETHERSFIELD, CONNECTICUT 06109
 SITE I.D.# CT58XC967



Sprint PCS

HARTFORD MTA

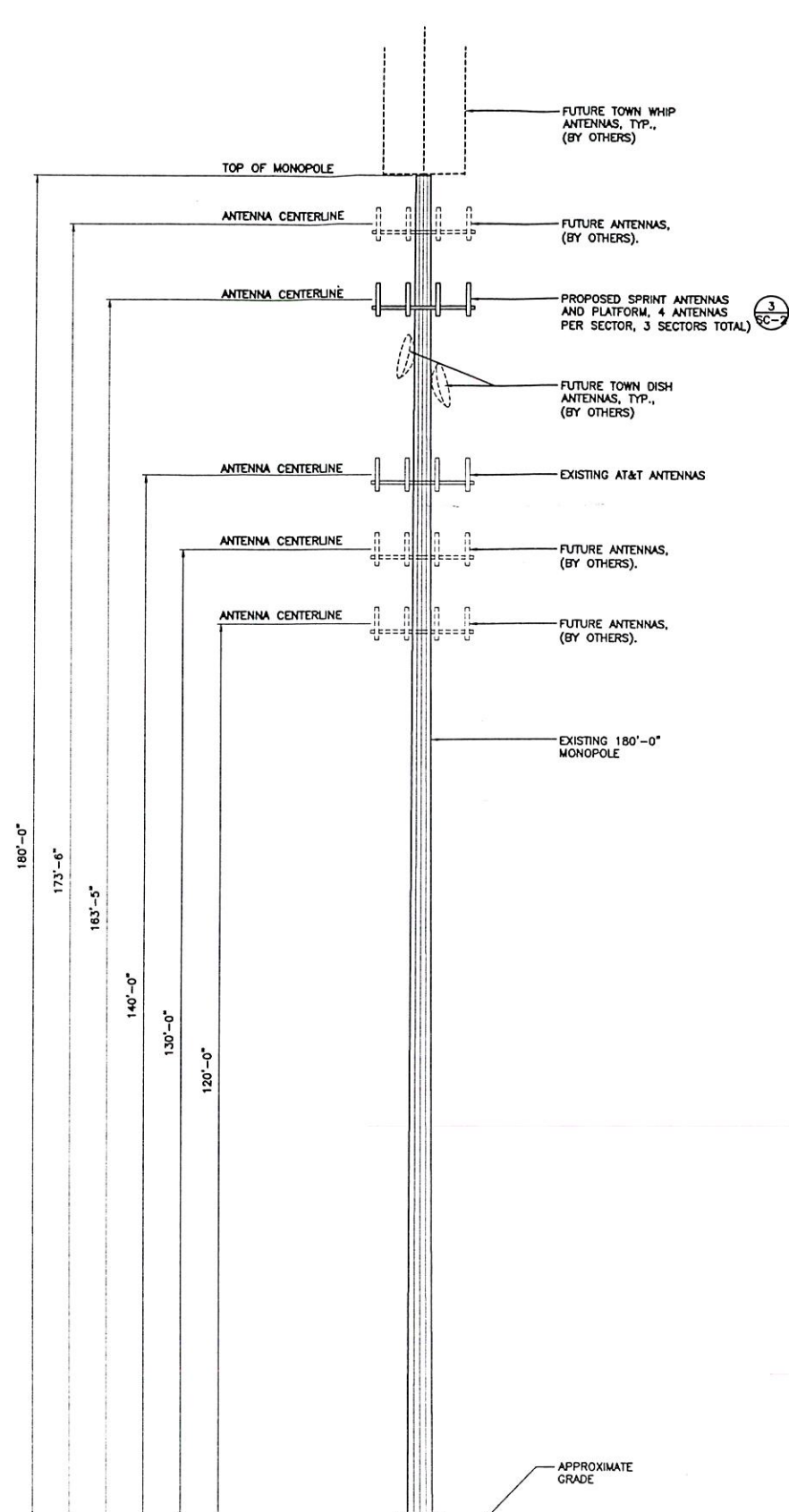
NO.	DATE	REVISIONS	BY	CHK	APP'D
06-23-03		ISSUED FOR SITING COUNCIL	PO	AM	
04-08-03		ISSUED FOR REVIEW	PO	AM	

SCALE: AS NOTED DESIGNED - DRAWN PO

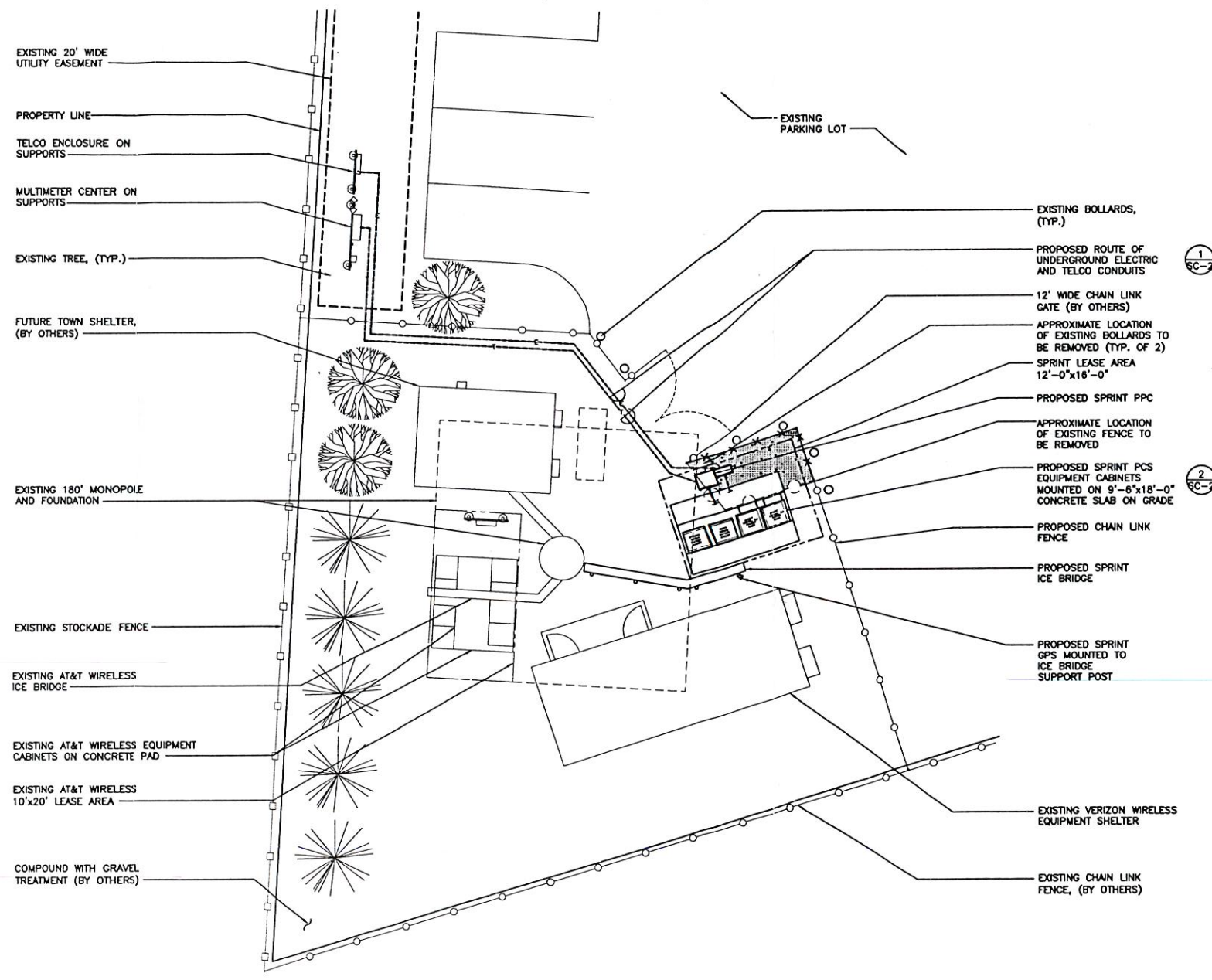


Sprint PCS

TITLE SHEET		
JOB NO.	DRAWING NUMBER	REV
36919083/SP1014	T-1	1



2 TOWER ELEVATION
SC-1 SCALE: 3/32" = 1'-0"



1 COMPOUND PLAN
SC-1 SCALE: 1/8" = 1'-0"



URS CORPORATION AES
795 BROOK STREET, BLDG 5
ROCKY HILL, CONNECTICUT
1-(860)-529-8882

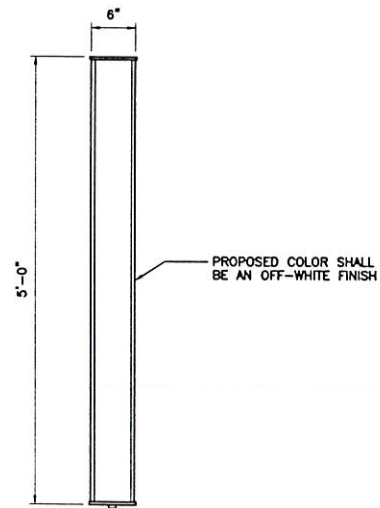
WETHERSFIELD
23 KELLEHER COURT
WETHERSFIELD, CONNECTICUT 06109
SITE I.D.# CT58XC967



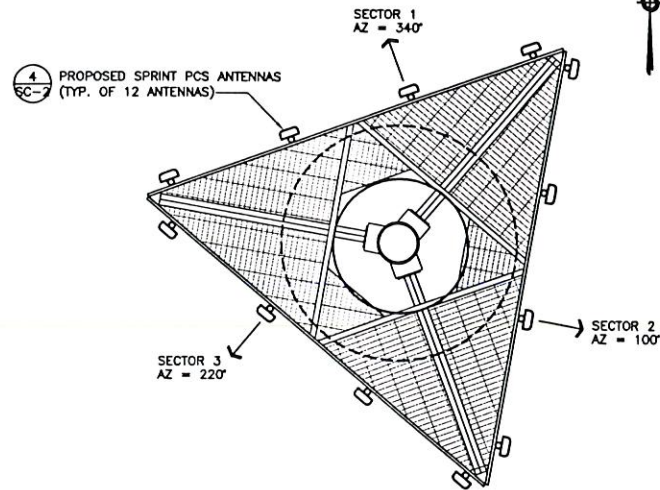
DATE	ISSUED FOR SITING COUNCIL	BY	DATE	ISSUED FOR REVIEW	BY
04-23-03			04-08-03		
NO.	DATE	REVISIONS	NO.	DATE	REVISIONS
SCALE: AS NOTED	DESIGNED -	DRAWN -	DATE	BY	APP'D

Sprint PCS		
COMPOUND PLAN, AND TOWER ELEVATION		
JOB NO.	DRAWING NUMBER	REV
36919083/SP1014	SC-1	1

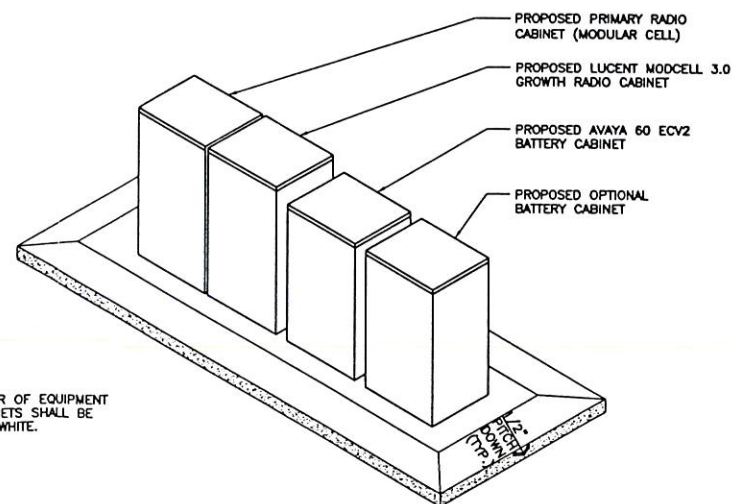
NOTE:
ANTENNA MODEL TO BE
CONFIRMED BY RF



4 TYP. ANTENNA DETAIL
SC-2 SCALE: 1"=1'-0"

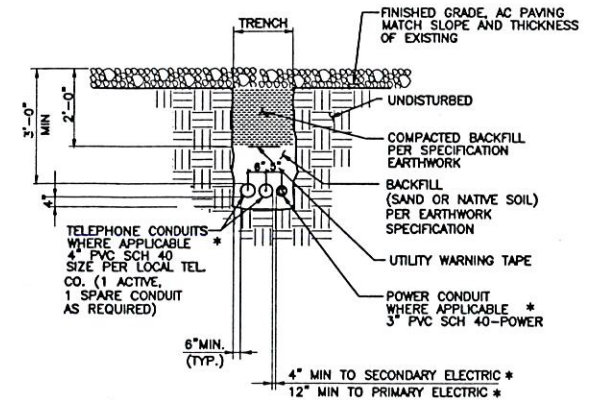


3 ANTENNA ORIENTATION
SC-2 SCALE: NTS



NOTES:
1. COLOR OF EQUIPMENT
CABINETS SHALL BE
OFF-WHITE.

2 ISOMETRIC VIEW OF EQUIPMENT CABINETS DETAIL
SC-2 SCALE: NTS



* SEPARATION DIMENSION TO BE VERIFIED
WITH LOCAL UTILITY COMPANY REQUIREMENTS

1 ELECTRIC AND TELEPHONE TRENCH DETAIL
SC-2 SCALE: NTS

URS CORPORATION AES
795 BROOK STREET, BLDG 5
ROCKY HILL, CONNECTICUT
1-(860)-529-8882

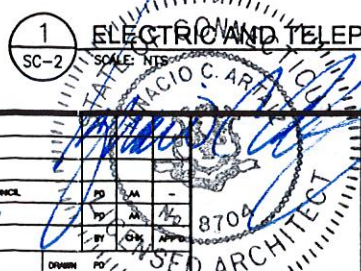
WETHERSFIELD
23 KELLEHER COURT
WETHERSFIELD, CONNECTICUT 06109
SITE I.D.# CT58XC967



Sprint PCS

HARTFORD MTA

NO.	DATE	REVISIONS
06-23-02		ISSUED FOR SITING COUNCIL
04-08-03		ISSUED FOR REVIEW



Sprint PCS	
DETAILS	
JOB NO.	DRAWING NUMBER
36919083/SP1014	SC-2
REV	1