

HURWITZ & SAGARIN LLC

November 29, 2000

Via Hand Delivery

Mr. Paul Aresta
Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

RECEIVED

NOV 29 2000

CONNECTICUT
SITING COUNCIL

Re: TS-SPRINT-036-001116
220 Winthrop Road, Deep River, Connecticut

Dear Paul:

As you are aware, Sprint Spectrum LP ("Sprint PCS") filed the above referenced towersharing request on November 16, 2000 requesting approval for location of its antennas on the tower at an antenna centerline of 167 feet. However, since the date of filing its request Sprint PCS has learned that Voicestream Wireless ("Voicestream") was recently approved for the location of its antennas on the tower at an antenna centerline of 160 feet.

In order to maintain the necessary ten (10) feet of separation between the carriers' antennas Voicestream has agreed to modify its installation by lowering its centerline to 157 feet. Sprint PCS's antennas would remain at a centerline of 167 feet as requested in the above referenced towersharing application. I enclose correspondence from Voicestream requesting this minor change to their original approval. Ron Clark of Nextel Communications of the Mid-Atlantic, Inc. ("Nextel") has approved Voicestream's slight modification to its installation and tower location in order to accommodate Sprint PCS on the Nextel facility.

Enclosed please find:

1. Letter dated November 28, 2000 from Voicestream;
2. Cumulative power density analysis including Voicestream which reflects a total percentage of maximum permissible exposure of 8.66% based on the NCRP standard. These calculations show the entire facility will be well below the FCC-mandated limits in all locations around the facility, even with extremely conservative assumptions.
3. The power density analysis for Nextel that you requested; and
4. One (1) full size and twenty (20) 11x17 reduced size of the revised plans which reflect the modified location of Voicestream's antennas at an antenna centerline of 157 feet.

Sprint PCS appreciates all of the effort expended by Voicestream and Nextel on its behalf in order to facilitate this minor modification so that the Council could review its towersharing request on November 30, 2000. Sprint PCS respectfully requests that the Council issue an order approving the proposed shared use at that time.

Please call me if you have any questions.

Very truly yours,



JULIE M. CASHIN

dsw/enc.

cc: Chris Pescatore, Sprint Spectrum, LP
Ron Clark, Nextel Communications of the Mid-Atlantic, Inc
Brendan Sharkey, Voicestream Wireless



100 Filley Street, Bloomfield, CT 06002

(860) 692-7154 phone

(860) 692-7159 fax

28 November, 2000

Joel M. Rinebold
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: TS-SPRINT-036-001116
TS-VOICESTREAM-036-001010

Dear Mr. Rinebold:

As you know, on October 19, 2000 the Siting Council approved the above-referenced tower sharing application from VoiceStream Wireless ("VoiceStream"). At the time, VoiceStream was approved by the tower owner, Nextel Communications ("Nextel"), for the installation of its antennas with centerlines at 160 feet above ground level ("AGL").

It has recently come to VoiceStream's attention that Sprint PCS ("Sprint") has submitted a similar tower sharing application to the Council requesting approval of its antennas at the 167-foot level. To maintain ten feet of separation between the Sprint and VoiceStream antennas, VoiceStream has been requested to modify its installation by lowering its centerlines to 157 feet AGL. These changes are reflected in Sprint's most recent elevation drawings, and no other changes to the compound or its layout are anticipated.

This is to inform you that subject to the Council's approval, VoiceStream has no objection to this minor change in our installation. We have recently begun our installation at the site, but this change should have no impact on our construction plans.

Please feel free to contact me if you have any questions on this matter.

Sincerely,

J. Brendan Sharkey, Esq.
for VoiceStream Wireless

cc: Julie Cashin, Esq.
Ron Clark, Nextel Communications

CT133XC544 - Nextel Tower, Deep River, CT
Worst Case Power Density Analysis of Nextel 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
851	9	100	900	178	0	0.010226	0.56733	1.8025%
851	9	100	900	178	50	0.009478	0.56733	1.6707%
851	9	100	900	178	100	0.007773	0.56733	1.3701%
851	9	100	900	178	150	0.005980	0.56733	1.0540%
851	9	100	900	178	200	0.004520	0.56733	0.7967%
851	9	100	900	178	250	0.003440	0.56733	0.6064%
851	9	100	900	178	300	0.002663	0.56733	0.4693%
851	9	100	900	178	350	0.002101	0.56733	0.3704%
851	9	100	900	178	400	0.001690	0.56733	0.2979%
851	9	100	900	178	450	0.001384	0.56733	0.2439%
851	9	100	900	178	500	0.001150	0.56733	0.2027%

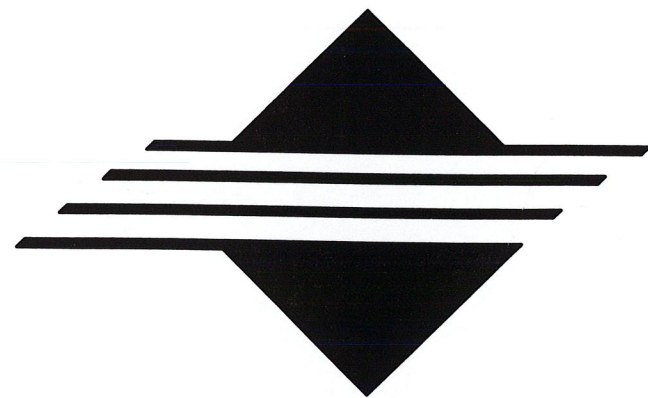
*Requirements set forth in OET Bulletin 65. Based on NCRP Report No. 86 and ANSI/IEEE C95.1-1992

CT33XC544 - Nextel Tower, Deep River, CT
Cumulative Worst Case Power Density Analysis of Sprint PCS and Nextel Antennas

Operator	Operating Frequency	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)	(feet)	(mW/cm²)	(mW/cm²)	(%)
Nextel	851	178	0.010226	0.57	1.80%
VoiceStream^a	1930 to 1945	160	0.015448	1.00	1.54%
Sprint PCS	1962.5	167	0.053105	1.00	5.31%

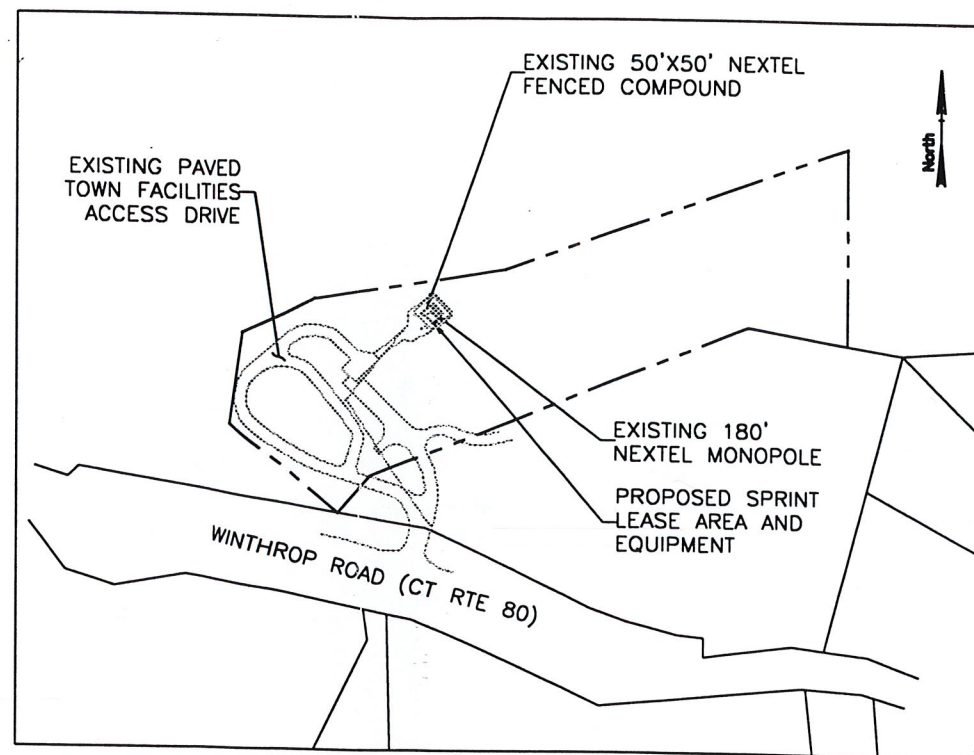
Total Percentage of Maximum Permissible Exposure **8.66%**

^a Information provided by VoiceStream in TS-VOICESTREAM-036-001010

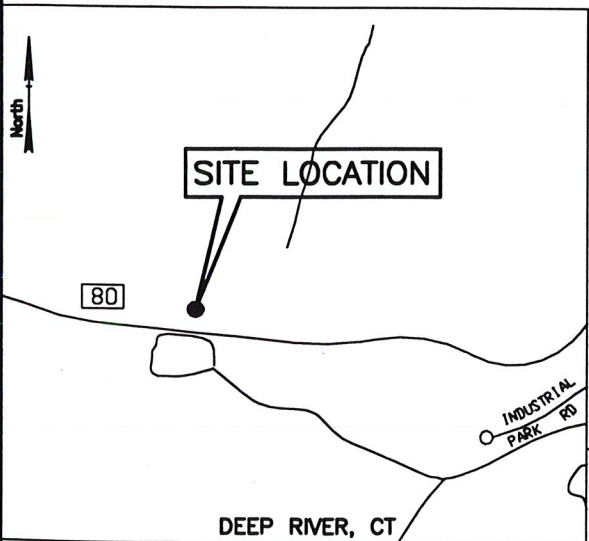


Sprint PCSSM

DEEP RIVER - NEXTEL 220 WINTHROP ROAD DEEP RIVER, CONNECTICUT CT33XC544



SITE ACCESS PLAN
300 0 300 600
SCALE: 1"=300'



LOCATION MAP
SCALE
1000 0 1000 2000 3000 FEET

LEGEND
DATUM IS MEAN SEA LEVEL

- WETLAND BOUNDARY LINE
- EXISTING HIGHWAY LINE/PROPERTY LINE
- LEASE AREA
- TREE, HEDGE, EDGE OF WOODS
- ROCK OUT CROP
- EXISTING CONTOUR
- BARBED WIRE, FARM AND CHAIN LINK FENCE
- EXISTING UTILITY POLE AND OVERHEAD UTILITIES
- PROPERTY CORNER IRON PIN (I.P.)
- PROPOSED CONTOUR

DRIVING DIRECTIONS:
FROM HARTFORD, CT TAKE I-19 SOUTH TO RTE 9 SOUTH. TAKE THE CT-80 EXIT, EXIT NUMBER 5, TOWARDS DEEP RIVER/KILLINGWORTH. TURN RIGHT AT THE BOTTOM OF EXIT TOWARD KILLINGWORTH ON ELM STREET. FOLLOW ELM STREET TO WINTHROP ROAD. TURN RIGHT ONTO WINTHROP ROAD. THE SITE IS ON THE RIGHT HAND SIDE OF THE ROAD.

PROJECT SUMMARY

APPLICANT / LESSEE
SPRINT PCS
1 INTERNATIONAL BOULEVARD
SUITE 800 (8TH FLOOR)
MAHWAH, NJ 07495
(201) 684-4000

LEASE AREA OWNER
NEXTEL COMMUNICATIONS OF
THE MID-ATLANTIC, INC.
DIA NEXTEL COMMUNICATIONS
110 CORPORATE PLACE
ROCKY HILL, CT 06067
CONTACT: STEPHEN M. HOWARD
(860) 513-5458

PROPERTY OWNER
TOWN OF DEEP RIVER
174 MAIN STREET
DEEP RIVER, CT 06417
CONTACT: RICHARD H. SMITH
PHONE: (860) 526-6020

PROJECT DESCRIPTION:
THE PROJECT CONSISTS OF THE INSTALLATION AND OPERATION OF 3 SECTORS OF 3 PANEL ANTENNAS TOTAL PER SECTOR (2 ANTENNAS PER SECTOR INSTALLED INITIALLY), WHICH SHALL BE MOUNTED TO THE EXISTING NEXTEL TOWER, AND ASSOCIATED EQUIPMENT. THE ASSOCIATED CABINETS WILL BE LOCATED ON A CONCRETE PAD. THIS SYSTEM WILL BOTH TRANSMIT AND RECEIVE RADIO SIGNALS.

POWER AND TELCO UTILITIES NECESSARY FOR THIS FACILITY WILL BE INSTALLED UNDERGROUND FROM EXISTING ELECTRICAL METER TO A POWER PROTECTION CABINET AND EQUIPMENT. NO WATER OR SEWER SERVICES ARE NEEDED.

THE PROPOSED USE DOES NOT REQUIRE FULL-TIME OR PART-TIME EMPLOYEES AT THE SITE.

ELECTRIC UTILITY: NORTHEAST UTILITIES
"CALL BEFORE YOU DIG" 800-922-4455

TELEPHONE UTILITY: SOUTHERN NEW ENGLAND TEL. PHONE (SNET)

LEASE PARCEL INFORMATION

ADDRESS	220 WINTHROP ROAD
CURRENT OWNER	NEXTEL
	100 CORPORATE PLACE
	ROCKY HILL, CT 06067
DEED	VOL 93, PG. 797
ASSESSORS ID	MAP 33, LOT 1A
FEMA FIRM MAP	ZONED X
ZONE	R-80
AREA OF LEASE PARCEL	375 S.F.

DRAWING INDEX

DRAWING	TITLE
T1	TITLE SHEET
Z1	SITE LAYOUT AND ELEVATIONS

STATE OF CONNECTICUT
PROFESSIONAL ENGINEER
#10421
Sprint PCS
DEEP RIVER
TITLE SHEET

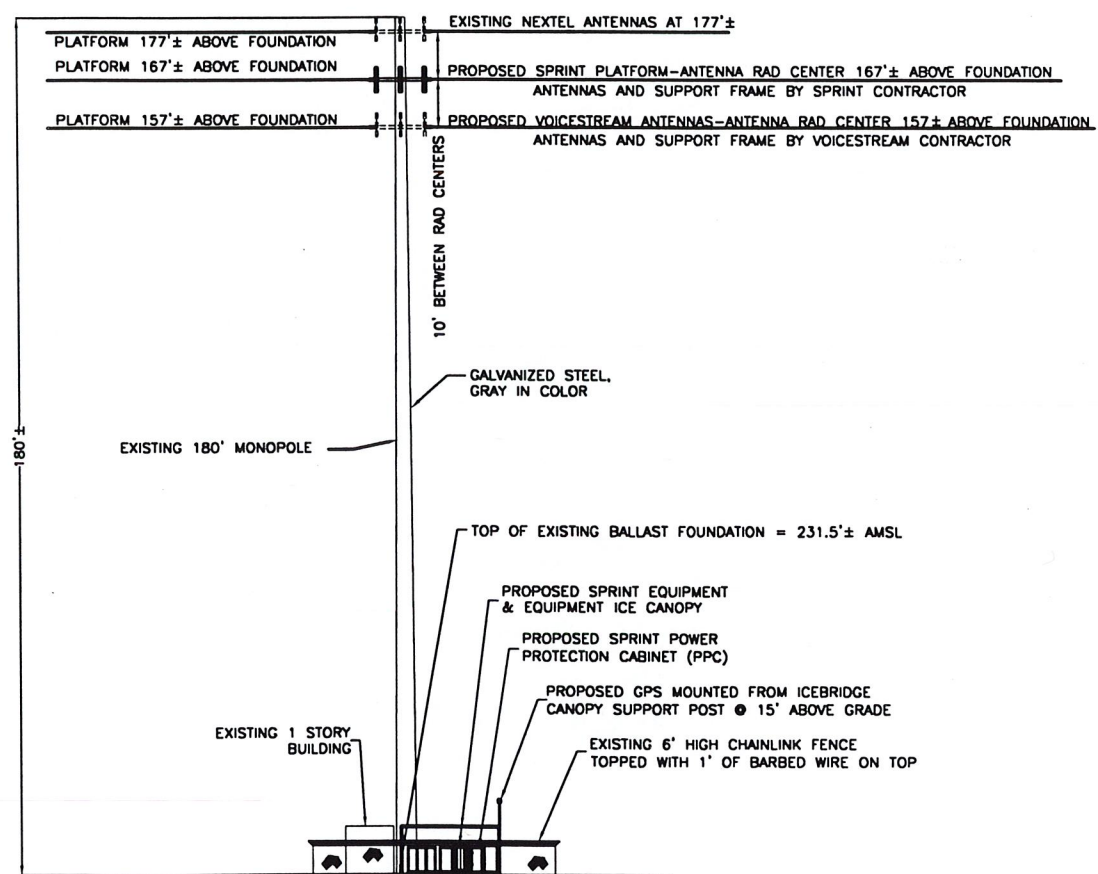
Goodkind & O'Dea, Inc.
Consulting Engineers and Planners
59 ELM STREET, SUITE 101
NEW HAVEN, CONNECTICUT 06510
(203) 776-2277

DEEP RIVER - NEXTEL
220 WINTHROP ROAD
DEEP RIVER, CONNECTICUT
CT33XC544

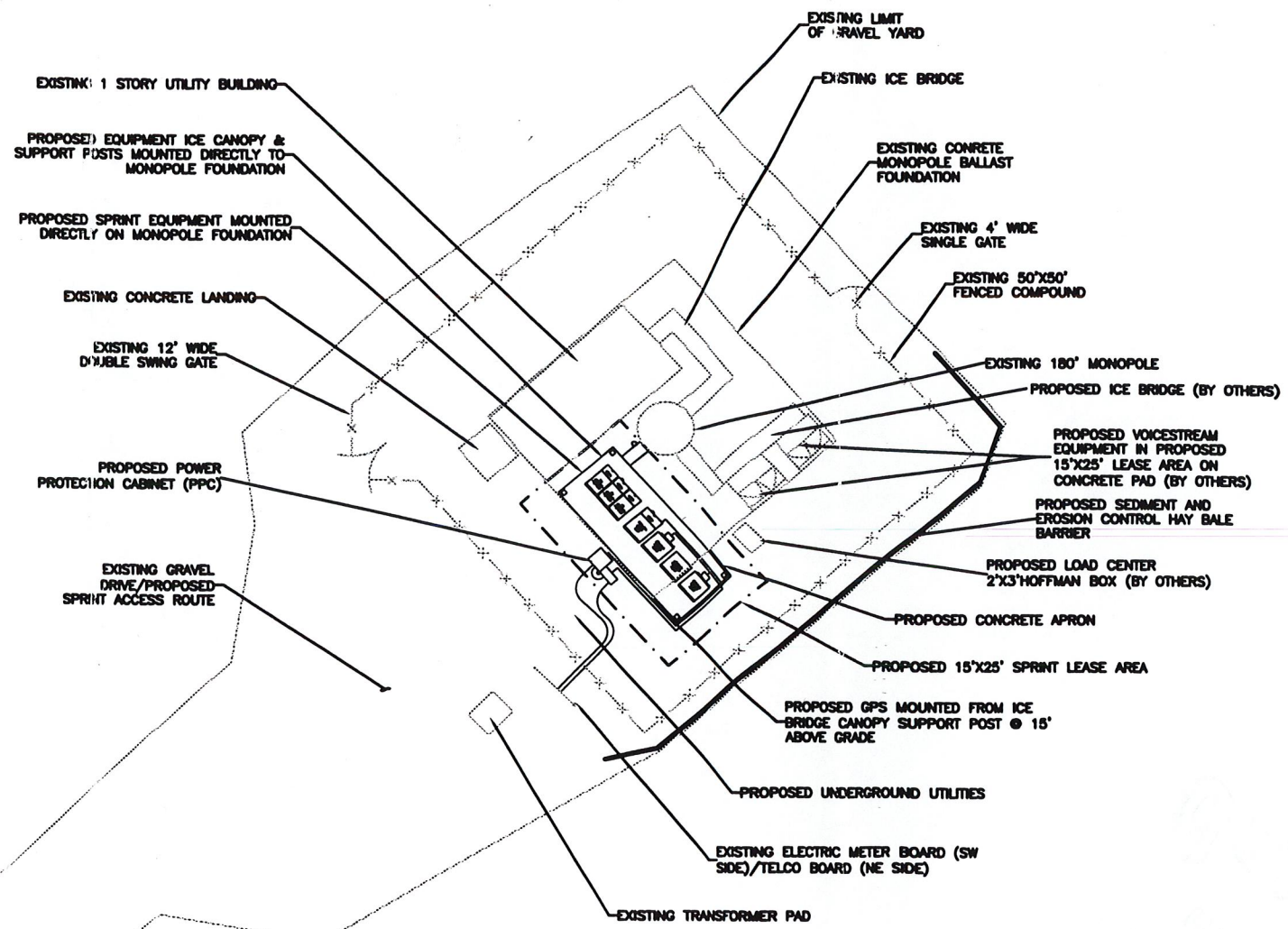
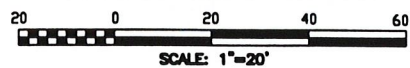
Sprint Spectrum LP
HARTFORD MTA

NO.	DATE	REVISIONS	BY	CHK	APPD
1		ADDED VOICESTREAM	MAW	EAN	FDK
2		ISSUE FOR SITING COUNCIL	JSG	EAN	FDK
3		PRELIMINARY ISSUE FOR SITING COUNCIL	JSG	EAN	FDK
SCALE AS NOTED		DESIGNED JSG	DRAWN JSG		

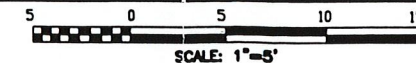
DRAWING NUMBER	REV
YMI544T1	1



SOUTH ELEVATION



EQUIPMENT LAYOUT PLAN



Arch: WJW/EC
 Layer: 3/20
 Plot: 11/20/04
 Plot: 11/20/04

Goodkind & O'Dea, Inc.
 Consulting Engineers and Planners
 59 ELM STREET, SUITE 101
 NEW HAVEN, CONNECTICUT 06510
 (203) 776-2277

DEEP RIVER - NEXTEL
 220 WINTHROP ROAD
 DEEP RIVER, CONNECTICUT
 CT33XC544

Sprint Spectrum LP
 HARTFORD MTA

NO.	DATE	REVISIONS	BY	CHK	APP'D
1		ADDED VOICESTREAM	M/JW	EAN	FDK
2		ISSUE FOR SITING COUNCIL	JSG	EAN	FDK
3		PRELIMINARY ISSUE FOR SITING COUNCIL	JSG	EAN	FDK
SCALE AS NOTED		DESIGNED JSG	DRAWN JSG		

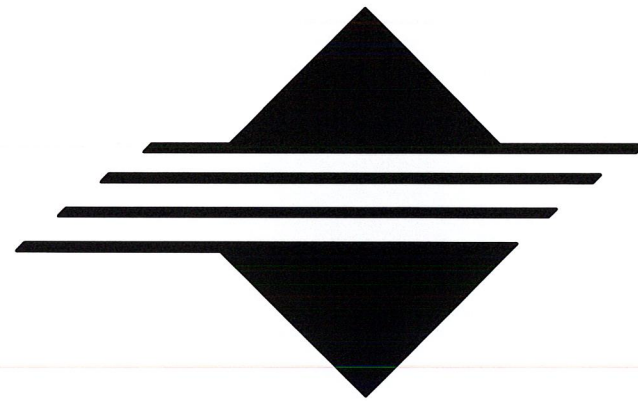
Thomas D. Kelly

#1042
PROFESSIONAL ENGINEER

Sprint PCS

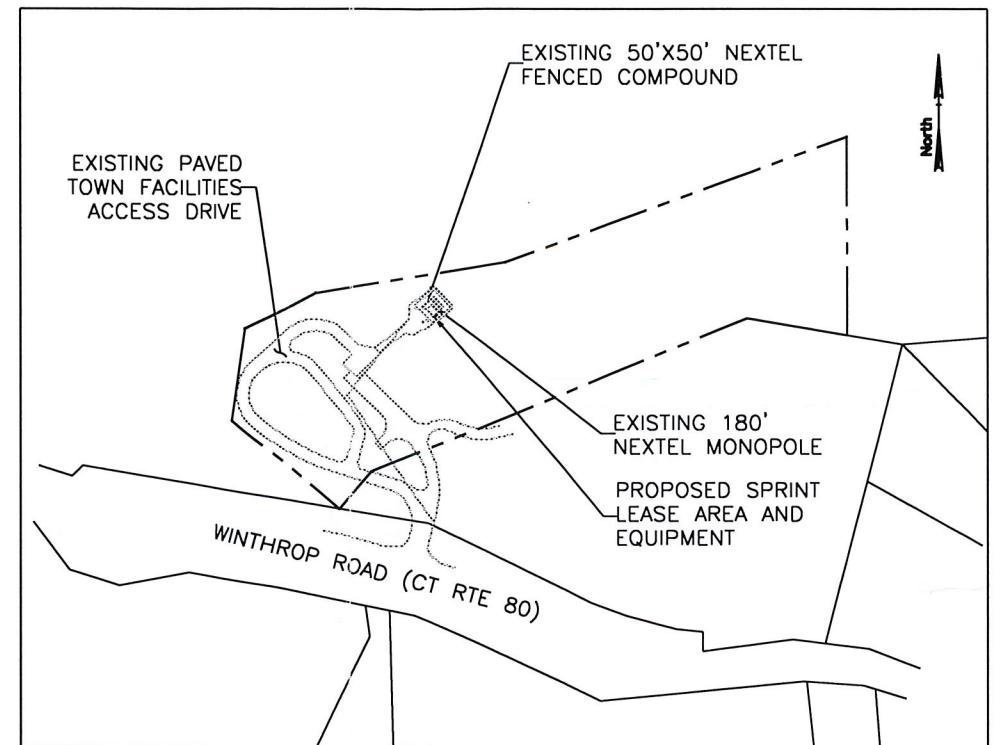
DEEP RIVER
SITE LAYOUT AND ELEVATIONS

DRAWING NUMBER	REV
YM1544Z1	1

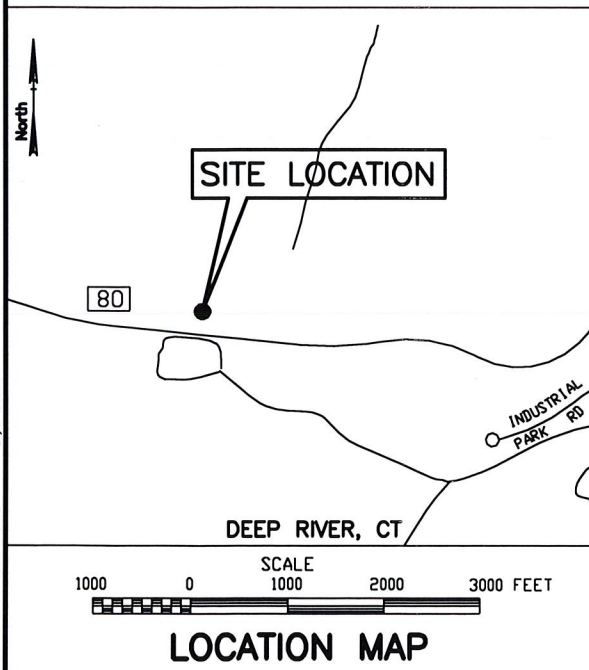


Sprint PCSSM

DEEP RIVER - NEXTEL 220 WINTHROP ROAD DEEP RIVER, CONNECTICUT CT33XC544



SITE ACCESS PLAN
300 0 300 600
SCALE: 1"=300'



LEGEND

DATUM IS MEAN SEA LEVEL

- WETLAND BOUNDARY LINE
- EXISTING HIGHWAY LINE/PROPERTY LINE
- LEASE AREA
- TREE, HEDGE, EDGE OF WOODS
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- EXISTING CONTOUR
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1 INTERNATIONAL BOULEVARD
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"CALL BEFORE YOU DIG" 800-922-4455

TELEPHONE UTILITY: SOUTHERN NEW ENGLAND TELEPHONE (SNET)

LEASE PARCEL INFORMATION

ADDRESS	220 WINTHROP ROAD
CURRENT OWNER	NEXTEL
	100 CORPORATE PLACE
	ROCKY HILL, CT 06067
DEED	VOL 93, PG. 797
ASSESSORS ID	MAP 33, LOT 1A
FEMA FIRM MAP	ZONED X
ZONE	R-80
AREA OF LEASE PARCEL	375 S.F.

DRAWING INDEX

DRAWING	TITLE
T1	TITLE SHEET
Z1	SITE LAYOUT AND ELEVATIONS

STATE OF CONNECTICUT
FRANCIS D. KOPPEL
PROFESSIONAL ENGINEER
#10421

Stephen M. Howard

Sprint PCS

DEEP RIVER
TITLE SHEET

DRAWING NUMBER	YMI544T1	REV	1
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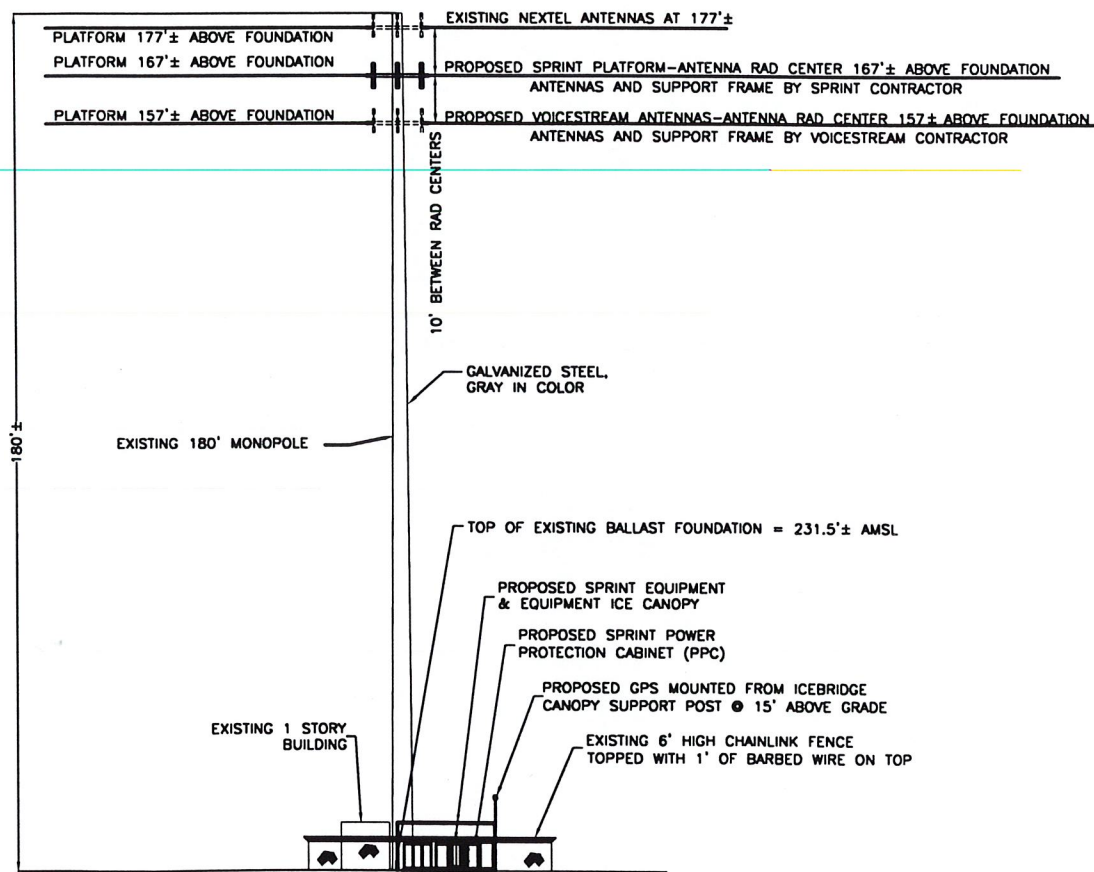
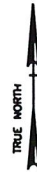
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59 ELM STREET, SUITE 101
NEW HAVEN, CONNECTICUT 06510
(203) 776-2277

DEEP RIVER - NEXTEL
220 WINTHROP ROAD
DEEP RIVER, CONNECTICUT
CT33XC544

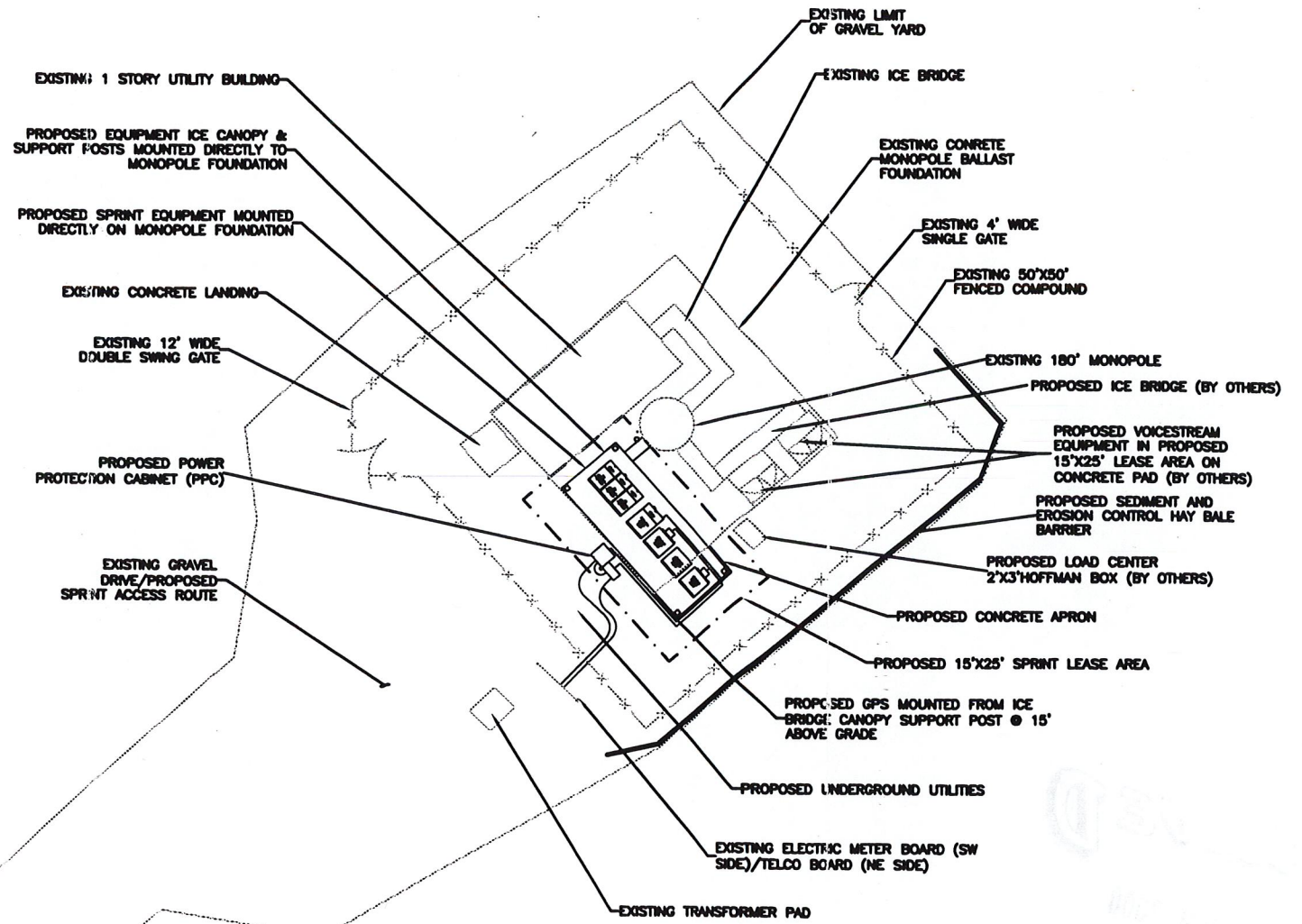
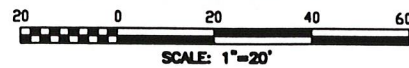


NO.	DATE	REVISIONS	BY	CHK	APP'D
1		ADDED VOICESTREAM	IAJW	EAN	FDK
2		ISSUE FOR SITING COUNCIL	JSG	EAN	FDK
3		PRELIMINARY ISSUE FOR SITING COUNCIL	JSG	EAN	FDK
SCALE AS NOTED		DESIGNED JSG	DRAWN JSG		

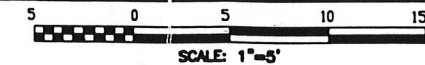
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 Layer: WYATE
 Plot: WYATE
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 Tue, Nov 28, 2000 11:24:18am



SOUTH ELEVATION



EQUIPMENT LAYOUT PLAN



Project Name: DEEP RIVER - NEXTEL
 Layer: SITE
 Date: 11/10/2009
 User: JSC

Goodkind & O'Dea, Inc.
 Consulting Engineers and Planners
 59 ELM STREET, SUITE 101
 NEW HAVEN, CONNECTICUT 06510
 (203) 776-2277

DEEP RIVER - NEXTEL
 220 WINTHROP ROAD
 DEEP RIVER, CONNECTICUT
 CT33XC544

Sprint Spectrum LP
 HARTFORD MTA

NO.	DATE	REVISIONS	BY	CHK	APP'D
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SCALE AS NOTED		DESIGNED JSG	DRAWN JSG		

STATE OF CONNECTICUT
 FRANCIS D. K...
 #10421
 REGISTERED PROFESSIONAL ENGINEER

Francis D. K...

Sprint PCS
 DEEP RIVER
 SITE LAYOUT AND ELEVATIONS

DRAWING NUMBER	REV
YM154421	1

HURWITZ & SAGARIN LLC

November 21, 2000

Telecopier

Mr. Paul Aresta
Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

Re: 220 Winthrop Road, Deep River, Connecticut
188 Moody Street, Enfield, Connecticut

Dear Paul:

Enclosed please find the power density calculations for the Nextel facilities at the above referenced sites.

Please call me if you have any questions.

Very truly yours,

JULIE M. CASHIN
dsw/enc.

Dictated but not read

RECEIVED

NOV 22 2000

CONNECTICUT
SITING COUNCIL

**CT33XC257 - Nextel Tower, Enfield, CT
Worst Case Power Density Analysis of Nextel 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 (m W/cm ²)	Maximum Permissible Exposure*	%MPE
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851	9	100	900	180	100	0.007642	0.56733	1.3469%
851	9	100	900	180	150	0.005902	0.56733	1.0402%
851	9	100	900	180	200	0.004475	0.56733	0.7888%
851	9	100	900	180	250	0.003414	0.56733	0.6018%
851	9	100	900	180	300	0.002647	0.56733	0.4666%
851	9	100	900	180	350	0.002092	0.56733	0.3687%
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*Requirements set forth in OET Bulletin 65. Based on NCRP Report No. 86 and ANSI/IEEE C95.1-1992

HURWITZ & SAGARIN LLC

November 16, 2000

TS-SPRINT-036-001116

Via Hand Delivery

Mr. Mortimer A. Gelston, Chairman
Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

Dear Chairman Gelston:

On behalf of the applicant, Sprint Spectrum L.P. ("Sprint PCS") I am pleased to submit this Tower Sharing Proposal for the shared use of the existing Nextel telecommunications facility located at 220 Winthrop Road, Deep River, Connecticut.

Enclosed are one (1) original and twenty (20) copies of this Tower Sharing Proposal requesting shared use of this facility. A check in the amount of \$500.00 to cover the filing fee is also enclosed. The First Selectman of the Town of Deep River has been sent notice of this Tower Sharing Proposal by certified mail.

Sincerely,



JULIE M. CASHIN, ESQ.
JMC/dsw

Enclosures

Cc: Richard H. Smith, First Selectman
Steven Howard, Nextel Communications

RECEIVED
NOV 16 2000
CONNECTICUT
SITING COUNCIL

Request of Sprint PCS requesting approval for the shared use of the existing telecommunications facility located at 220 Winthrop Road, Deep River Connecticut.

RECEIVED

NOV 13 2000

CONNECTICUT
SITING COUNCIL

Dated: November 16, 2000 in Milford, CT

Introduction

Sprint Spectrum, L.P. ("Sprint PCS") seeks to share a telecommunications tower located at 220 Winthrop Road, Deep River Connecticut ("Facility") and owned by Nextel Communications, Inc. ("Nextel") of 100 Corporate Place, Rocky Hill, Connecticut. Sprint PCS hereby requests a finding from the Connecticut Siting Council ("Council") that the shared use of this Facility is technically, legally, environmentally and economically feasible and meets public safety concerns in accordance with Section 16-50aa of the Connecticut General Statutes ("C.G.S."), and an order approving the proposed shared use of the Facility.

Background

The subject site, owned by Nextel, is located at 220 Winthrop Road, Deep River Connecticut. (See location map attached as Exhibit A.) The site currently supports a 180 foot steel self-supporting monopole ("Existing Tower") and appurtenant equipment building.

Tower Sharing Proposal

The purpose of this Tower Sharing Proposal is to utilize an existing facility rather than to construct a new tower in the Town of Deep River. This Facility is the most viable co-location opportunity for Sprint PCS in the area. Sprint PCS has entered into a lease agreement with Nextel for placement of antennas and associated equipment.

A. Existing Tower as a "Facility"

For the purposes of this Tower Sharing Proposal and pursuant to Section 16-50aa of the Connecticut General Statutes, "... Facility means a tower owned or operated for a commercial or public purpose by a person, firm, corporation or a public agency which uses such tower for transmitting or receiving signals in the electromagnetic spectrum pursuant to a Federal Communications Commission license." The Existing Tower was built to support multiple carriers. Sprint PCS will be the second carrier to locate on the Existing Tower.

B. Project Description

Sprint PCS is licensed by the Federal Communications Commission ("FCC") to provide PCS wireless service throughout the State of Connecticut, including the Plymouth area.

Sprint proposes to install as many as nine (9) panel antennas on the Existing Tower at an antenna centerline of 167 feet and a small global positioning system (GPS) antenna mounted to an equipment support post at an antenna height of 15 feet AGL. (See Tower Elevation attached hereto as Exhibit A). A low profile platform with PCS antennas mounted on it will be attached to the Existing Tower with an antenna rad center

the Existing Tower. The Council has the authority pursuant to C.G.S. §16-50aa to issue orders approving the proposed shared use of the Facility by Sprint PCS.

3. *Environmental Feasibility*

The proposed shared use would have a minimal environmental effect for the following reasons:

- This proposed shared use will not increase the height of the Existing Tower.
- This proposed shared use will not expand the compound area beyond that already approved by the Town of Deep River.
- The proposed installations by Sprint PCS will have an insignificant visual impact and will not cause any significant change or alteration in the physical or environmental characteristics of the Site.
- This proposed shared use will not increase noise levels at the Facility site boundary by six decibels.
- This proposed shared use, including operation of the Sprint PCS antennas, will not increase the total radio frequency electromagnetic radiation of the power density measured at the site to or above the standard adopted by the Federal Communications Commission. The engineering exhibit attached as Exhibit C evidences the worst-case power density for the proposed installation, calculated at the base of the Existing Tower, is .052474 cm² and the MPE is 5.25 %, which results in a total percentage of maximum permissible exposure of 7.05 %, based on the NCRP standard. These calculations show that Sprint PCS will be well below the FCC-mandated

limits in all locations around the Existing Tower, even with extremely conservative assumptions.

- The proposed installations by Sprint PCS will not require any water or sanitary facilities, or generate air emissions or discharges to water bodies.

After construction is complete, the proposed Sprint PCS installation will not generate any traffic other than periodic maintenance visits.

The proposed installation would have a de minimis visual impact, and would not cause any significant change or alteration in the physical or environmental characteristics of the existing facility. The proposed shared use of the Existing Tower by Sprint PCS is thus environmentally feasible.

4. *Economic Feasibility*

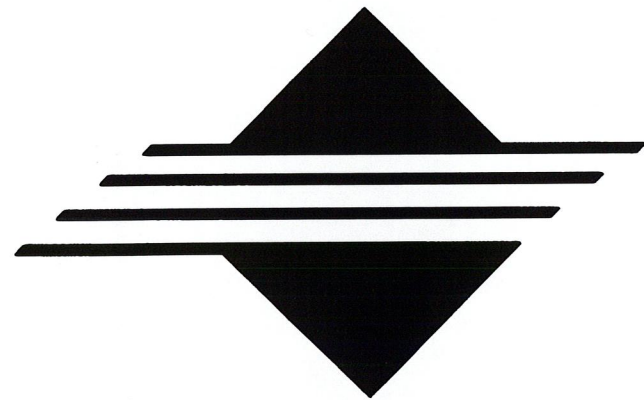
As previously mentioned, Sprint PCS and Nextel have agreed upon acceptable terms and entered into a lease agreement with one another. The proposed shared use of the Facility is therefore economically feasible.

5. *Public Safety Concerns*

There are no known public safety concerns associated with this Tower Sharing Proposal. As stated above, the Existing Tower will be structurally capable of supporting the Sprint PCS antennas. Sprint PCS anticipates that the provision of new or improved phone service made possible by the shared use of the Facility will enhance the safety and welfare of area residents.

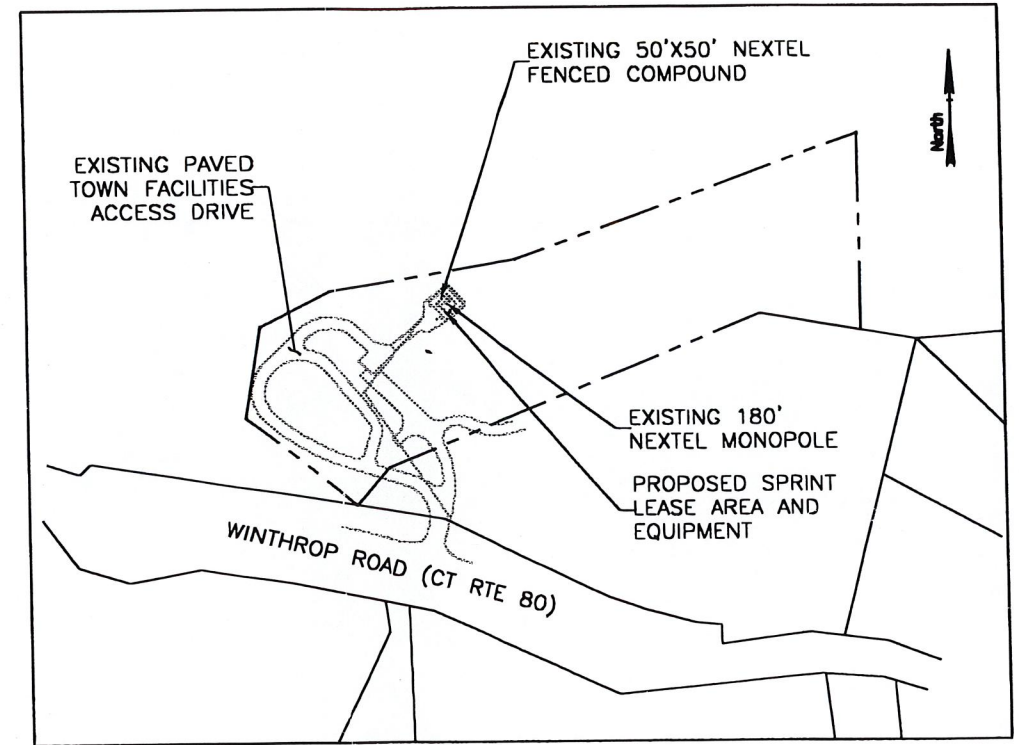
Conclusions

The above Tower Sharing Proposal satisfies all of the criteria set forth in Section 16-50aa of the Connecticut General Statutes, including technical, legal, environmental and economic feasibility, and meets public safety concerns. Sprint PCS respectfully requests that the Council issue an order approving the proposed shared use.

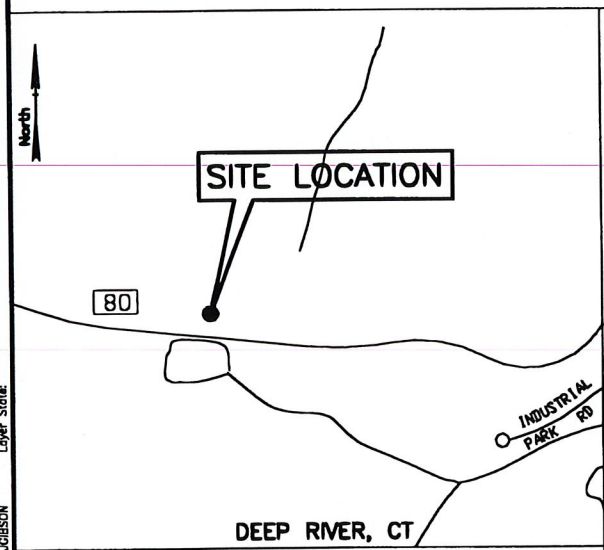


Sprint PCSSM

DEEP RIVER - NEXTEL 220 WINTHROP ROAD DEEP RIVER, CONNECTICUT CT33XC544



SITE ACCESS PLAN
300 0 300 600
SCALE: 1"=300'



LOCATION MAP
SCALE
1000 0 1000 2000 3000 FEET

LEGEND
DATUM IS MEAN SEA LEVEL

	WETLAND BOUNDARY LINE
	EXISTING HIGHWAY LINE/PROPERTY LINE
	LEASE AREA
	TREE, HEDGE, EDGE OF WOODS
	ROCK OUT CROP
	EXISTING CONTOUR
	BARBED WIRE, FARM AND CHAIN LINK FENCE
	EXISTING UTILITY POLE AND OVERHEAD UTILITIES
	PROPERTY CORNER IRON PIN (I.P.)
	PROPOSED CONTOUR

DRIVING DIRECTIONS:
FROM HARTFORD, CT TAKE I-19 SOUTH TO RTE 9 SOUTH. TAKE THE CT-80 EXIT, EXIT NUMBER 6, TOWARDS DEEP RIVER/KILLINGWORTH. TURN RIGHT AT THE BOTTOM OF EXIT TOWARD KILLINGWORTH ON ELM STREET. FOLLOW ELM STREET TO WINTHROP ROAD. TURN RIGHT ONTO WINTHROP ROAD. THE SITE IS ON THE RIGHT HAND SIDE OF THE ROAD.

PROJECT SUMMARY

APPLICANT / LESSEE
SPRINT PCS
1 INTERNATIONAL BOULEVARD
SUITE 800 (8TH FLOOR)
MAHWAH, NJ 07495
(201) 684-4000

LEASE AREA OWNER
NEXTEL COMMUNICATIONS OF THE MID-ATLANTIC, INC.
DBA NEXTEL COMMUNICATIONS
100 CORPORATE PLACE
ROCKY HILL, CT 06067
CONTACT: STEPHEN M. HOWARD
(860) 513-5458

PROPERTY OWNER
TOWN OF DEEP RIVER
174 MAIN STREET
DEEP RIVER, CT 06417
CONTACT: RICHARD H. SMITH
PHONE: (860) 528-8020

PROJECT DESCRIPTION:
THE PROJECT CONSISTS OF THE INSTALLATION AND OPERATION OF 3 SECTORS OF 3 PANEL ANTENNAS TOTAL PER SECTOR (2 ANTENNAS PER SECTOR INSTALLED INITIALLY), WHICH SHALL BE MOUNTED TO THE EXISTING NEXTEL TOWER, AND ASSOCIATED EQUIPMENT. THE ASSOCIATED CABINETS WILL BE LOCATED ON A CONCRETE PAD. THIS SYSTEM WILL BOTH TRANSMIT AND RECEIVE RADIO SIGNALS.

POWER AND TELCO UTILITIES NECESSARY FOR THIS FACILITY WILL BE INSTALLED UNDERGROUND FROM EXISTING ELECTRIC METER TO A POWER PROTECTION CABINET AND EQUIPMENT. NO WATER OR SEWER SERVICES ARE NEEDED.

THE PROPOSED USE DOES NOT REQUIRE FULL-TIME OR PART-TIME EMPLOYEES AT THE SITE.

ELECTRIC UTILITY: NORTH-EAST UTILITIES
"CALL BEFORE YOU DIG" 800-922-4455

TELEPHONE UTILITY: SOUTHERN NEW ENGLAND TELEPHONE (SNET)

LEASE PARCEL INFORMATION

ADDRESS	220 WINTHROP ROAD
CURRENT OWNER	NEXTEL
	100 CORPORATE PLACE
	ROCKY HILL, CT 06067
DEED	VOL 93, PG. 797
ASSESSORS ID	MAP 33, LOT 1A
FEMA FIRM MAP	ZONED X
ZONE	R-80
AREA OF LEASE PARCEL	375 S.F.

DRAWING INDEX

DRAWING TITLE	TITLE SHEET
DRAWING INDEX	SITE LAYOUT AND ELEVATIONS

STAMP: FRANCIS B. ROBYLENSKI, REGISTERED PROFESSIONAL ENGINEER, STATE OF CONNECTICUT, #10421

Sprint PCS

Xref: Layer State
 I:\projects\2443\344\Site Council\Ym544T1.dwg
 Thu, Dec 12 2008 10:35:06am
 Plot: JOBSON

Goodkind & O'Dea, Inc.
Consulting Engineers and Planners
59 ELM STREET, SUITE 101
NEW HAVEN, CONNECTICUT 06510
(203) 776-2277

DEEP RIVER - NEXTEL
220 WINTHROP ROAD
DEEP RIVER, CONNECTICUT
CT33XC544

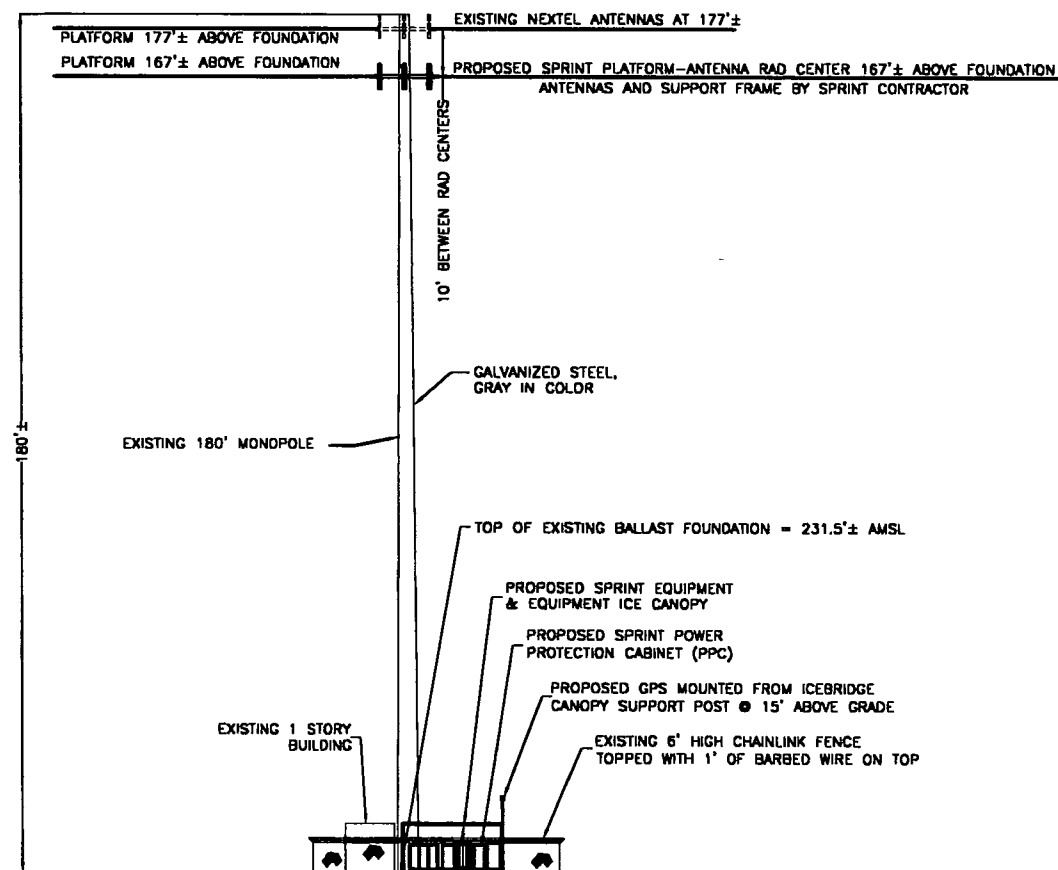
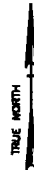


HARTFORD MTA

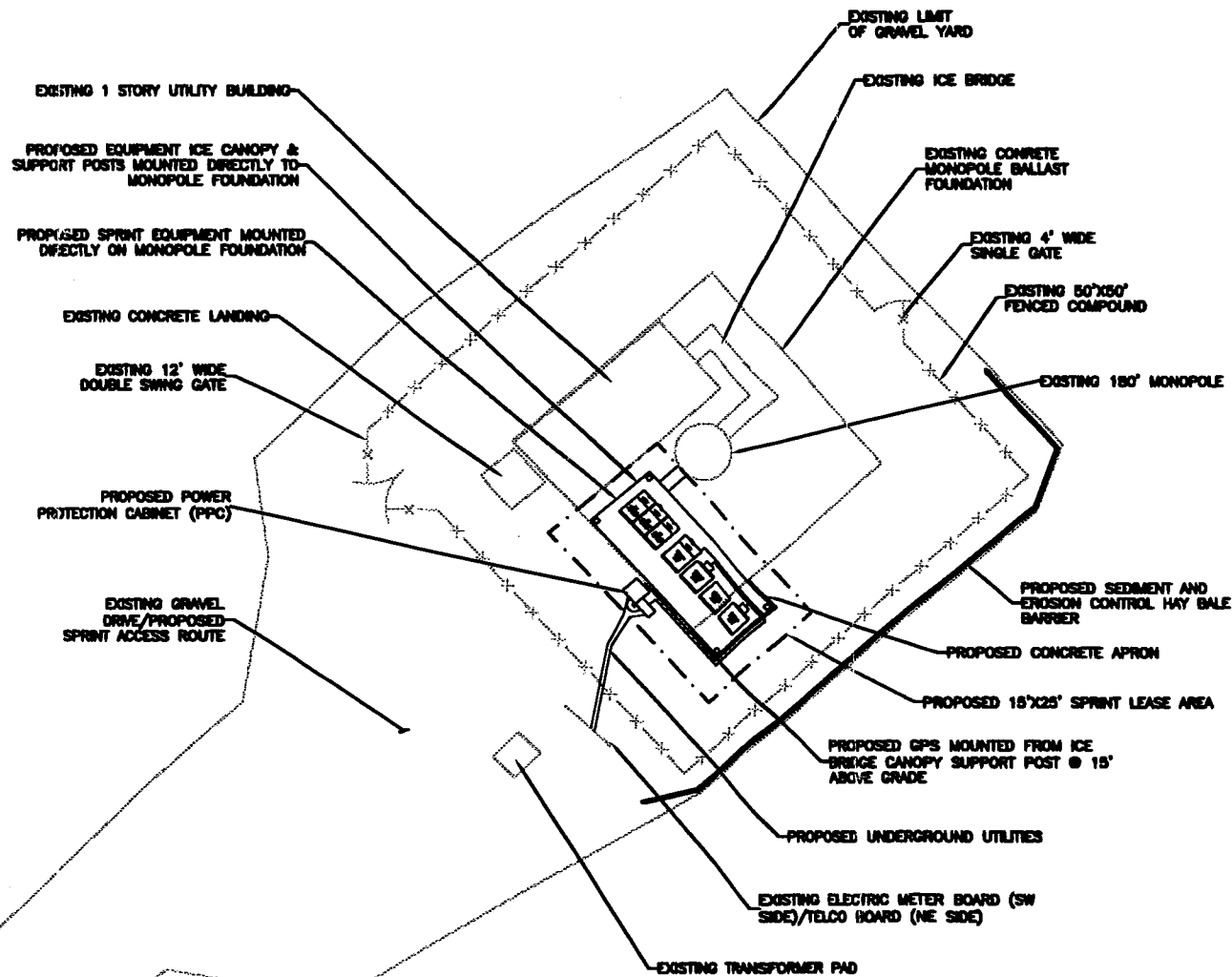
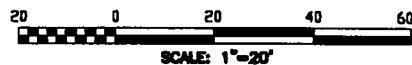
NO.	DATE	REVISIONS	BY	CHK	APP'D

SCALE AS NOTED DESIGNED JSG DRAWN JSG

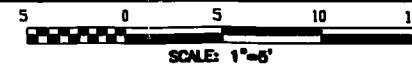
Sprint PCS	
DEEP RIVER TITLE SHEET	
DRAWING NUMBER	REV
YM544T1	A



SOUTH ELEVATION



EQUIPMENT LAYOUT PLAN



Goodkind & O'Dea, Inc.
Consulting Engineers and Planners

59 ELM STREET, SUITE 101
NEW HAVEN, CONNECTICUT 06510
(203) 776-2277

DEEP RIVER - NEXTEL

220 WINTHROP ROAD
DEEP RIVER, CONNECTICUT
CT33XC544



HARTFORD MTA

NO.	DATE	REVISION	BY	CHK	APP'D
1		ISSUE FOR SITING COUNCIL	JSG	EAN	FDK
2		PRELIMINARY ISSUE FOR SITING COUNCIL	JSG	EAN	FDK
SCALE AS NOTED		DESIGNED JSG	DRAWN JSG		

Sprint PCS

DEEP RIVER
SITE LAYOUT AND ELEVATIONS

DRAWING NUMBER	REV
YMI544Z1	A

CT33XC544 - Nextel Tower, Deep River, 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	374	4114	168	0	0.052474	1	5.2474%
1962.5	11	374	4114	168	50	0.048205	1	4.8205%
1962.5	11	374	4114	168	100	0.038746	1	3.8746%
1962.5	11	374	4114	168	150	0.029198	1	2.9198%
1962.5	11	374	4114	168	200	0.021708	1	2.1708%
1962.5	11	374	4114	168	250	0.016325	1	1.6325%
1962.5	11	374	4114	168	300	0.012527	1	1.2527%
1962.5	11	374	4114	168	350	0.009826	1	0.9826%
1962.5	11	374	4114	168	400	0.007868	1	0.7868%
1962.5	11	374	4114	168	450	0.006419	1	0.6419%
1962.5	11	374	4114	168	500	0.005323	1	0.5323%

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

CT33XC544 - Nextel Tower, Deep River, CT

Cumulative Worst Case Power Density Analysis of Sprint PCS and Nextel Antennas

Operator	Operating Frequency (MHz)	Distance to Target (feet)	Calculated Power Density (mW/cm ²)	Maximum Permissible Exposure* (mW/cm ²)	Fraction of MPE (%)
Nextel	851	178	0.010226	0.57	1.80%
Sprint PCS	1962.5	168	0.052474	1.00	5.25%

Total Percentage of Maximum Permissible Exposure

7.05%

November 10, 2000

Sprint PCS
Crossroads Corporate Center
1 International Boulevard, Suite 800
Mahwah, NJ 07495

Attention: Steve Orkoulas

Re: *CT 33XC544*
Deep River - Nextel
Nextel Monopole, Sprint Structural Certification

Dear Steve:

We are in receipt of copies of signed and sealed structural computations and record structure drawings for a 180' tall monopole, prepared by Valmont Microflect and signed and sealed by Jeffrey E. Grassman, Connecticut Professional Engineer License No. 19224, Valmont order #17593-98, Site CT750, Deep River. We are also in receipt of a foundation drawing and computations from Towercraft Engineering, P.C., signed and sealed by Mr. Alvin Kraft, Connecticut Professional Engineer, License No. 20787.

Computations reference conformance to EIA/TIA-222-F requirements as the basis of design of the monopole. The design is prepared for the monopole to support 4 platforms with 12 antennas attached at each platform.

It is our understanding that Sprint PCS will be occupying the second or 170' platform design location. Sprint will be the second carrier to be installed on this monopole.

Based upon the attached computations and record drawings, Goodkind & O'Dea certifies the monopole, as referenced, is designed to be structurally capable of supporting the Nine (9) Sprint panel antennas and Nine (9) 1 5/8" coaxial antenna cables at the proposed 167' mounting height on the monopole.

Mr. Steve Orkulas
November 10, 2000
Page 2 of 2

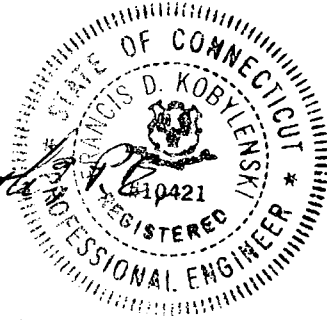
Please don't hesitate to contact me if you have any questions.

Sincerely,

Goodkind & O'Dea, Inc.

Francis D. Kobylenski

Francis D. Kobylenski
Project Manager



cc: Julie Cashin, Hurwitz & Sagarin

Attachments: Communication Pole Design Calculations
Computations for Foundation
Drawings for Foundation
Communication Pole Record Drawings

FDK:msj

I:\projects\2443\544\strcert.wpd

Goodkind & O'Dea, Inc.

A Dewberry & Davis Company