

Location of Construction: 188 Warren Ave		Owner: Morin, Leonard & Frances		Phone:		Permit No <b>961216</b>
Owner Address: 188 Warren Ave Ptd, ME 04103		Leasee/ <del>Buyer</del> : Sprint Spectrum		Phone:		
Contractor Name: Sprink Spectrum		Address: 135 Commerce Way, Suite 200		Phone: 603-422-6033/David		Permit Issued: DEC 12 1996 CITY OF PORTLAND
Past Use: Comm		Proposed Use: Same		COST OF WORK: \$ 150,000.00 PERMIT FEE: \$ 50.00/770. FIRE DEPT. <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied INSPECTION: Use Group: Type:		
Proposed Project Description: Interpretation Appeal Erect 180' Monopole Tower Construct 7 x 9 Equipment Platform				Signature: <i>[Signature]</i> PEDESTRIAN ACTIVITIES DISTRICT (PAD)		Zone: <b>E-2</b> CBL: 295-G-006 Zoning Approval: <i>[Signature]</i> 12/4/96 Special Zone or Reviews: <input type="checkbox"/> Shoreland <i>shall meet</i> <input type="checkbox"/> Wetland <i>FAA req.</i> <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input checked="" type="checkbox"/> Site Plan maj <input type="checkbox"/> minor <input checked="" type="checkbox"/> mm
Permit Taken By: Mary Gresik		Date Applied For: 07 November 1996		Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____		

1. This permit application doesn't preclude the Applicant(s) from meeting applicable State and Federal rules.
2. Building permits do not include plumbing, septic or electrical work.
3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

**Zoning Appeal**

Variance

Miscellaneous

Conditional Use

Interpretation *11/21/96*

Approved

Denied

**Historic Preservation**

Not in District or Landmark

Does Not Require Review

Requires Review

**Action:**

Approved

Approved with Conditions

Denied

Date: *12/9/96*

*[Signature]*

CEO DISTRICT 4

*A Pover*

David P. Littell  
 Sprint Spectrum  
 c/o Pierce Atwood  
 1 Monument Sq  
 Portland, ME 04101  
 791-1300

APPEAL SUSTAINED *11/21/96*

**PERMIT ISSUED  
WITH LETTER**

**CERTIFICATION**

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provisions of the code(s) applicable to such permit

09 Dec 96 - Permit Routed  
 07 November 1996

SIGNATURE OF APPLICANT <i>[Signature]</i>	ADDRESS: <del>XXXXXXXXXX</del>	DATE: 02 Dec 96	PHONE:
RESPONSIBLE PERSON IN CHARGE OF WORK/TITLE <i>[Signature]</i>		DATE: 07 November 1996	PHONE:

**City of Portland, Maine – Building or Use Permit Application** 389 Congress Street, 04101, Tel: (207) 874-8703, FAX: 874-8716

Location of Construction: 168 Warren Ave		Owner: Morin, Leonard & Frances		Phone:		Permit No: 961216	
Owner Address: 188 Warren Ave Portland, ME 04103		Leasee/Buyer's Name: Sprint Spectrum		Phone:		Business Name:	
Contractor Name: Sprink Spectrum		Address: 135 Commerce Way, Suite 200 Portsmouth, NH, 03801		Phone: 603-422-6033/David		PERMIT ISSUED DEC 12 1996 CITY OF PORTLAND	
Past Use: Comm		Proposed Use: Same		COST OF WORK: \$ 150,000.00		PERMIT FEE: \$ 50.00/770.	
Proposed Project Description: Interpretation Appeal Erect 180' monopole tower Construct 7 x 9 Equipment Platform		FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied		INSPECTION: Use Group: Type:		Zone: CBL: 295-C-006	
		Signature: [Signature]		Signature: [Signature]		Zoning Approval: Special Zone or Reviews: <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <input type="checkbox"/> major <input type="checkbox"/> minor <input type="checkbox"/> mm <input type="checkbox"/>	
Permit Taken By: Mary Gresik		Date Applied For: 07 November 1996		PEDESTRIAN ACTIVITIES DISTRICT (P.U.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Conditions <input type="checkbox"/> Denied		Zoning Appeal: <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input checked="" type="checkbox"/> Interpretation <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	
				Signature: _____ Date: _____		Historic Preservation: <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review	

1. This permit application doesn't preclude the Applicant(s) from meeting applicable State and Federal rules.
2. Building permits do not include plumbing, septic or electrical work.
3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work.

David P. Littell  
Sprint Spectrum  
c/o Pierce Atwood  
1 Monument Sq  
Portland, ME 04101  
791-1300

APPEAL SUSTAINED 11/21/96

**PERMIT ISSUED WITH LETTER**

**CERTIFICATION**

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provisions of the code(s) applicable to such permit

09 Dec 96 - Permit Routed  
07 November 1996

SIGNATURE OF APPLICANT [Signature]	ADDRESS: David P1 Littell Michael Polakewich/Sprint Spectrum	DATE: 02 Dec 96	PHONE:
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE			PHONE:

CEO DISTRICT

COMMENTS

2.18.97 LOCATION VERIFIED UTILIZING INFORMATION PROVIDED BY CONTRACTOR. MAINE DRILLING & BLASTING HAS BLASTED LEDGE, AND USED DRILLING PIG TO DRILL DOHSEL HOLES TO AN ADDITIONAL 8'-0" DEPTH AND GROUTED W/ SIKABROUT 212 PRODUCT. INSTALLING INTERIOR BASE REINFORCING. (NEED TO SUBMIT MONOPOLE'S FOUNDATION DESIGN.) (STAMPED BY P.E.) (REGISTERED IN N.H.) PUTTING UP FORMS FOR WALLS.

2/21/97 Picked up Monopole design - checked forms & re-rod - ok to pour

3/10/97 Contractor has backfilled. NOT on site.

Inspection Record

Type	Date
Foundation: _____	_____
Framing: _____	_____
Plumbing: _____	_____
Final: _____	_____
Other: _____	_____

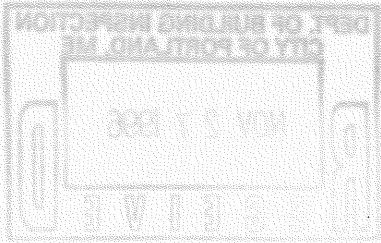
# AFFIDAVIT

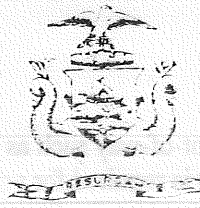
City of Portland, Maine - Planning Department

I, Leonard Morin, with an address of 188 Warren Avenue, hereby authorize Sprint Spectrum to apply for the necessary approvals associated with the installation of a communications tower and related equipment to be placed on the above referenced property.

10 / 24 / 96  
Date

Leonard Morin  
Leonard Morin





CITY OF PORTLAND

December 9, 1996

Nancy Bozenhard  
135 Commerce Way Suite 200  
Portsmouth, NH 03801

Re: 188 Warren Avenue Communication Tower

Dear Ms. Bozenhard:

On December 5, 1996 the Portland Planning Authority granted minor site plan approval for the proposed communications structures on Warren Avenue.

The approval is based on the submitted site plan. If you need to make any modifications to the approved site plan, you must submit a revised site plan for staff review and approval.

Please note the following provisions and requirements for all site plan approvals:

1. The site plan approval will be deemed to have expired unless work in the development has commenced within one (1) year of the approval or within a time period agreed upon in writing by the City and the applicant. A one year extension may be granted by this department if requested by the applicant in writing prior to the expiration date of the site plan.
2. A performance guarantee in a form acceptable to the City of Portland and an inspection fee equal to 1.7% of the performance guarantee will have to be posted before beginning any site construction or issuance of a building permit.
3. A defect guarantee, consisting of 10% of the performance guarantee, must be posted before the performance guarantee will be released. n/a
4. Prior to construction, a preconstruction meeting shall be held at the project site with the contractor, development review coordinator, Public Work's representative and owner to review the construction schedule and critical aspects of the site work. At that time, the site/building contractor shall provide three (3) copies of a detailed construction schedule to the attending City representatives. It shall be the contractor's responsibility to arrange a mutually agreeable time for the preconstruction meeting.

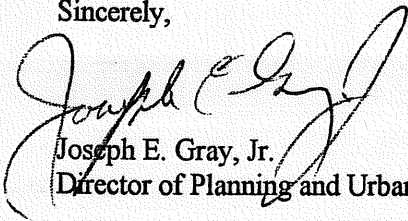
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5. If work will occur within the public right-of-way such as utilities, curb, sidewalk and driveway construction, a street opening permit(s) is required for your site. Please contact Carol Merritt at 874-8300, ext. 8828. (Only excavators licensed by the City of Portland are eligible.)

The Development Review Coordinator (874-8300 ext. 8722) must be notified five (5) working days prior to date required for final site inspection. Please make allowances for completion of site plan requirements determined to be incomplete or defective during the inspection. This essential as all site plan requirements must be completed and approved by the Development Review Coordinator prior to issuance of a Certificate of Occupancy. Please schedule any property closing with these requirements in mind.

If there are any questions, please contact the Planning Staff.

Sincerely,



Joseph E. Gray, Jr.  
Director of Planning and Urban Development

cc: Alexander Jaegerman, Chief Planner  
Sarah Hopkins, Senior Planner  
✓ P. Samuel Hoffses, Chief of Building Inspections  
Marge Schmuckal, Zoning Administrator  
Kathi Staples PE, City Engineer  
Development Review Coordinator  
William Bray, Deputy Director/City Traffic Engineer  
Jeff Tarling, City Arborist  
Natalie Burns, Associate Corporation Counsel  
Lt. Gaylen McDougall, Fire Prevention  
Mary Gresik, Building Permit Secretary  
Kathleen Brown, Assistant Director of Economic Development  
Susan Doughty, Assessor's Office  
Approval Letter File

~~Amy K?~~

Bob Kukla  
603-596-8414

re: 188 Warren Ave

Tower  
pouring concrete

please page to 2/21  
set up ensp

Thank A -

Amy 3:00  
2/19



DeLUCA HOFFMAN ASSOCIATES, INC.  
CONSULTING ENGINEERS

778 MAIN STREET  
SUITE 8  
SOUTH PORTLAND, MAINE 04106  
TEL. 207 775 1121  
FAX 207 879 0896

- ROADWAY DESIGN
- ENVIRONMENTAL ENGINEERING
- TRAFFIC STUDIES AND MANAGEMENT
- PERMITTING
- AIRPORT ENGINEERING
- SITE PLANNING
- CONSTRUCTION ADMINISTRATION

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## MEMORANDUM

**TO:** Code Enforcement

**FROM:** Jim Wendel, Development Review Coordinator

**DATE:** April 29, 1997

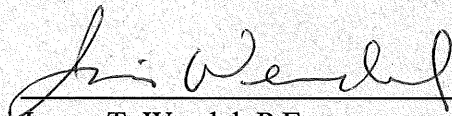
**RE:** Request for Certificate of Occupancy  
Sprint Spectrum Communications Tower Site Plan  
188 Warren Ave.

---

On April 28, 1997 I reviewed the site for conformance with the site plan approval dated 12/5/96. My comments are as follows:

1. The configuration of the fence and the alignment of the overhead power to the site is different from the approved site plan. Recommend that the site plan be revised and submitted to the city to show the as-built location of the fence and the overhead power.
2. There is a steep short embankment between the fence and the last utility pole servicing the site that has not been stabilized. It should be loamed, seeded and mulched.

It is my opinion that a temporary certificate of occupancy could be issued assuming that Code Enforcement has no outstanding issues.



---

James T. Wendel, P.E.

c: Sarah Hopkins, Planning Department

JN1350.10188wrren.doc





DeLUCA HOFFMAN ASSOCIATES, INC.  
CONSULTING ENGINEERS

775 MAIN STREET  
SUITE 8  
SOUTH PORTLAND, MAINE 04106  
TEL 207 775 1121  
FAX 207 879 0896

- ROADWAY DESIGN
- ENVIRONMENTAL ENGINEERING
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- SITE PLANNING
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## MEMORANDUM

**TO:** Code Enforcement

**FROM:** Jim Wendel, Development Review Coordinator

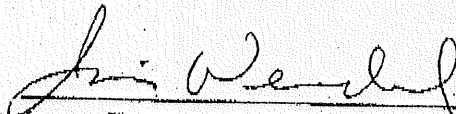
**DATE:** April 29, 1997

**RE:** Request for Certificate of Occupancy  NOT REQ'D.  
Sprint Spectrum Communications Tower Site Plan  
188 Warren Ave.

On April 28, 1997 I reviewed the site for conformance with the site plan approval dated 12/5/96. My comments are as follows:

1. The configuration of the fence and the alignment of the overhead power to the site is different from the approved site plan. Recommend that the site plan be revised and submitted to the city to show the as-built location of the fence and the overhead power.
2. There is a steep short embankment between the fence and the last utility pole servicing the site that has not been stabilized. It should be loamed, seeded and mulched.

It is my opinion that a temporary certificate of occupancy could be issued assuming that Code Enforcement has no outstanding issues.

  
James T. Wendel, P.E.

c: Sarah Hopkins, Planning Department

Inspection Services  
P. Samuel Hoffses  
Chief



Planning and Urban Development  
Joseph E. Gray Jr.  
Director

## CITY OF PORTLAND

December 12, 1996

Sprint Spectrum  
135 Commerce Way  
Portsmouth, N.H. 03801-3263

RE: 188 Warren Ave.

Dear Sir,

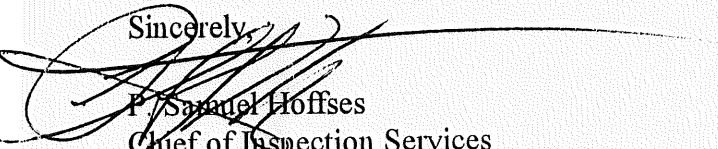
Your application to erect a 180' Monopole Tower with a 7' x 9' platform been reviewed and a permit is herewith issued subject to the following requirements. This permit does not excuse the applicant from meeting applicable State and Federal laws.

**NO CERTIFICATE OF OCCUPANCY WILL BE ISSUED UNTIL ALL REQUIREMENTS OF THIS LETTER ARE MET.**

### Site Plan Review Requirements

Building Inspection : Approved. M. Schmuckal  
Development Review Coordinator : Approved S. Hopkins  
Planning Div. Approved : S. Hopkins  
Fire Dept. : Approved: Lt. Mc Dougall

Sincerely,

  
P. Samuel Hoffses  
Chief of Inspection Services

cc: M. Schmuckal , S. Hopkins, Lt. Mc Dougall



**CITY OF PORTLAND, MAINE  
DEVELOPMENT REVIEW APPLICATION  
PLANNING DEPARTMENT PROCESSING FORM**

96112601

I. D. Number

Address: 188 Warren Ave

Sprint Spectrum

Applicant 135 Commerce Way, Suite 200

26 November 1996

Application Date

Applicant's Mailing Address Portsmouth, NH 03801

Project Name/Description

Consultant/Agent Nancy Bozenhard  
Nancy Bozenhard - Patriot Field Svcs

188 Warren Ave

Address of Proposed Site

295-G-006

Applicant or Agent Daytime Telephone, Fax  
637-2180 Nancy - Contact

Assessor's Reference: Chart-Block-Lot

Proposed Development (check all that apply):  
 New Building  Building Addition  Change of Use  Residential  
 Office  Retail  Manufacturing  Warehouse/Distribution  Other (specify) Communication Tower

Proposed Building Square Feet or # of Units 64,000 Sq Ft  
Acreage of Site

I-2  
Zoning

**Check Review Required:**

- |   |  |  |  |
|---|--|--|--|
| <input checked="" type="checkbox"/> Site Plan (major/minor) | <input type="checkbox"/> Subdivision # of lots | <input type="checkbox"/> PAD Review            | <input type="checkbox"/> 14-403 Streets Review   |
| <input type="checkbox"/> Flood Hazard                       | <input type="checkbox"/> Shoreland             | <input type="checkbox"/> Historic Preservation | <input type="checkbox"/> DEP Local Certification |
| <input type="checkbox"/> Zoning Conditional Use (ZBA/PB)    | <input type="checkbox"/> Zoning Variance       | <input type="checkbox"/> Single-Family Minor   | <input type="checkbox"/> Other                   |

Fees paid: site plan 300.00 subdivision \_\_\_\_\_

**Approval Status:**

Reviewer Mazen Schmuckel

- Approved  Approved w/Conditions listed below  Denied

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

Approval Date 12/1/96 Approval Expiration \_\_\_\_\_ date Extension to \_\_\_\_\_ date  Additional Sheets Attached

Condition Compliance \_\_\_\_\_ signature \_\_\_\_\_ date

Performance Guarantee  Required\*  Not Required

\* No building permit may be issued until a performance guarantee has been submitted as indicated below

- |   |                      |                         |                       |
|---|----------------------|-------------------------|-----------------------|
| <input type="checkbox"/> Performance Guarantee Accepted | _____ date           | _____ amount            | _____ expiration date |
| <input type="checkbox"/> Inspection Fee Paid            | _____ date           | _____ amount            |                       |
| Performance Guarantee Reduced                           | _____ date           | _____ remaining balance | _____ signature       |
| Performance Guarantee Released                          | _____ date           | _____ signature         |                       |
| Defect Guarantee Submitted                              | _____ submitted date | _____ amount            | _____ expiration date |
| Defect Guarantee Released                               | _____ date           | _____ signature         |                       |



**CITY OF PORTLAND, MAINE  
DEVELOPMENT REVIEW APPLICATION  
PLANNING DEPARTMENT PROCESSING FORM**

96112601  
I. D. Number

Applicant Sprint Spectrum  
135 Commerce Way, Suite 200

26 November 1996  
Application Date

Applicant's Mailing Address Portsmouth, NH 03801

Project Name/Description

Consultant/Agent Nancy Bozenhard - Patriot Field Svcs

188 Warren Ave  
Address of Proposed Site  
295-C-006

Applicant or Agent Daytime Telephone, Fax  
637-2189 Nancy - Contact

Assessor's Reference: Chart-Block-Lot

Proposed Development (check all that apply):  
 Office  Retail  Manufacturing  Warehouse/Distribution  Other (specify) Communication Tower  
 New Building  Building Addition  Change of Use  Residential

Proposed Building Square Feet or # of Units 64,000 Sq Ft      Acreage of Site \_\_\_\_\_      Zoning \_\_\_\_\_

**Check Review Required:**

- |   |  |  |  |
|---|--|--|--|
| <input checked="" type="checkbox"/> Site Plan (major/minor) | <input type="checkbox"/> Subdivision # of lots _____ | <input type="checkbox"/> PAD Review            | <input type="checkbox"/> 14-403 Streets Review   |
| <input type="checkbox"/> Flood Hazard                       | <input type="checkbox"/> Shoreland                   | <input type="checkbox"/> Historic Preservation | <input type="checkbox"/> DEP Local Certification |
| <input type="checkbox"/> Zoning Conditional Use (ZBA/PB)    | <input type="checkbox"/> Zoning Variance             | <input type="checkbox"/> Single-Family Minor   | <input type="checkbox"/> Other _____             |

Fees paid: site plan 300.00      subdivision \_\_\_\_\_

**Approval Status:**

- Approved     
  Approved w/Conditions listed below     
  Denied

Reviewer [Signature]

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

Approval Date 11/26/96      Approval Expiration \_\_\_\_\_ date      Extension to \_\_\_\_\_ date       Additional Sheets Attached

Condition Compliance \_\_\_\_\_ signature \_\_\_\_\_ date

Performance Guarantee  Required\*       Not Required

\* No building permit may be issued until a performance guarantee has been submitted as indicated below

- |   |                      |                         |                       |
|---|----------------------|-------------------------|-----------------------|
| <input type="checkbox"/> Performance Guarantee Accepted | _____ date           | _____ amount            | _____ expiration date |
| <input type="checkbox"/> Inspection Fee Paid            | _____ date           | _____ amount            |                       |
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| Performance Guarantee Released                          | _____ date           | _____ signature         |                       |
| Defect Guarantee Submitted                              | _____ submitted date | _____ amount            | _____ expiration date |
| Defect Guarantee Released                               | _____ date           | _____ signature         |                       |

Address: 188 Warren Ave



(207) 637-3637

CITY OF PORTLAND, MAINE
DEVELOPMENT REVIEW APPLICATION
PLANNING DEPARTMENT PROCESSING FORM

96112601

I. D. Number

Address:

Applicant Sprint Spectrum
135 Commerce Way, Suite 200

26 November 1996

Application Date

Applicant's Mailing Address Portsmouth, NH 03801

Project Name/Description

Consultant/Agent Nancy Rosenhard - Patriot Field Svcs

188 Warren Ave

Address of Proposed Site

295-G-006

Applicant or Agent Daytime Telephone, Fax 637-2180 Nancy - Contact

Assessor's Reference: Chart-Block-Lot

Proposed Development (check all that apply): Office Retail Manufacturing Warehouse/Distribution Other (specify) Communication Tower

Proposed Building Square Feet or # of Units 64,000 Sq Ft Acreage of Site Zoning

Check Review Required:

- Site Plan (major/minor) [checked]
Subdivision # of lots
PAD Review
14-403 Streets Review
Flood Hazard
Shoreland
Historic Preservation
DEP Local Certification
Zoning Conditional Use (ZBA/PB)
Zoning Variance
Single-Family Minor
Other

Fees paid: site plan 300.00 subdivision

Approval Status:

- Approved [checked]
Approved w/Conditions listed below
Denied

Reviewer Sarah Hopkins

- 1. 12/5/96
2.
3.
4.

Approval Date 12/5/96 Approval Expiration date Extension to date Additional Sheets Attached

Condition Compliance signature date

Performance Guarantee Required\* [ ] Not Required [checked]

\* No building permit may be issued until a performance guarantee has been submitted as indicated below

- Performance Guarantee Accepted date amount expiration date
Inspection Fee Paid date amount
Performance Guarantee Reduced date remaining balance signature
Performance Guarantee Released date signature
Defect Guarantee Submitted submitted date amount expiration date
Defect Guarantee Released date signature



**CITY OF PORTLAND, MAINE  
DEVELOPMENT REVIEW APPLICATION  
PLANNING DEPARTMENT PROCESSING FORM**

96112601  
I. D. Number

Applicant Sprint Spectrum  
135 Commerce Way, Suite 200

26 November 1996  
Application Date

Applicant's Mailing Address Portsmouth, NH 03801

Project Name/Description

Consultant/Agent Nancy Bozenhard  
Nancy Bozenhard - Patriot Field Svcs

188 Warren Ave  
Address of Proposed Site

Applicant or Agent Daytime Telephone, Fax  
637-2180 Nancy - Contact

295-G-006  
Assessor's Reference: Chart-Block-Lot

Proposed Development (check all that apply):  
 Office  Retail  Manufacturing  Warehouse/Distribution  Other (specify) Communication Tower

Proposed Building Square Feet or # of Units 64,000 Sq Ft      Acreage of Site \_\_\_\_\_      Zoning \_\_\_\_\_

**Check Review Required:**

- |   |  |  |  |
|---|--|--|--|
| <input checked="" type="checkbox"/> Site Plan (major/minor) | <input type="checkbox"/> Subdivision # of lots _____ | <input type="checkbox"/> PAD Review            | <input type="checkbox"/> 14-403 Streets Review   |
| <input type="checkbox"/> Flood Hazard                       | <input type="checkbox"/> Shoreland                   | <input type="checkbox"/> Historic Preservation | <input type="checkbox"/> DEP Local Certification |
| <input type="checkbox"/> Zoning Conditional Use (ZBA/PB)    | <input type="checkbox"/> Zoning Variance             | <input type="checkbox"/> Single-Family Minor   | <input type="checkbox"/> Other _____             |

Fees paid: site plan 300.00      subdivision \_\_\_\_\_

**Approval Status:**

Reviewer Sam H Hopkins

- Approved       Approved w/Conditions listed below       Denied

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

Approval Date 2/5/96      Approval Expiration \_\_\_\_\_ date      Extension to \_\_\_\_\_ date       Additional Sheets Attached

Condition Compliance \_\_\_\_\_ signature \_\_\_\_\_ date

Performance Guarantee       Required\*       Not Required

\* No building permit may be issued until a performance guarantee has been submitted as indicated below

- |   |                      |                         |                       |
|---|----------------------|-------------------------|-----------------------|
| <input type="checkbox"/> Performance Guarantee Accepted | _____ date           | _____ amount            | _____ expiration date |
| <input type="checkbox"/> Inspection Fee Paid            | _____ date           | _____ amount            |                       |
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| Performance Guarantee Released                          | _____ date           | _____ signature         |                       |
| Defect Guarantee Submitted                              | _____ submitted date | _____ amount            | _____ expiration date |
| Defect Guarantee Released                               | _____ date           | _____ signature         |                       |

Address: 188 Warren Ave



135 Commerce Way, Suite 200 Telephone: 603.422.6000  
Portsmouth, NH 03801-3263 Fax: 603.430.7620

Sprint Spectrum L.P.

November 22, 1996

City of Portland Review Committee  
389 Congress St.  
Portland, Me. 04101

Dear Committee Members:

188 Warren Ave  
Sprint

SPRINT SPECTRUM respectfully requests your review and consideration of our application for minor site plan approval for the placement of a communications monopole and related equipment at 188 Warren Avenue. This facility would be placed within a lot owned by Leonard and Frances Morin; a copy of the Memorandum of Option Agreement is enclosed. Also enclosed is a copy of the site plan and our written statement.

SPRINT SPECTRUM is working to build a network that will provide the availability of Personal Communication Service (PCS) to the citizens of your community. With an exciting new range of communication options and a dramatically improved quality of transmission, PCS will allow consumers to perform tasks at the time and place of their choosing. PCS is a family of products offering services such as portable phones, pagers, fax transmission, mobile data transmission and products which combine voice and data services.

With your approval, this integral component of our network would introduce and offer a technologically advanced service to meet the rapidly changing and varied communication needs of the residents and businesses of the City of Portland.

If you have any questions, please feel free to call me at 637-2180. On behalf of SPRINT SPECTRUM, I thank you for your time and consideration in reviewing this request.

Sincerely,

*Nancy Bozenhard*  
NANCY BOZENHARD

## WRITTEN STATEMENT

### LOT USAGE

The lot is currently used by Morin's & Sons, Inc., a towing service. The project is for the placement of a communications monopole and a 5' x 8' equipment platform and a gravel access drive from the existing paved drive.

### LAND AREA

The total land area of the site is 63,150 square feet. The area to be used by Sprint Spectrum is only 2100 square feet plus a 12-foot wide gravel access to run approximately 100 feet from an existing bituminous drive to the fenced site.

### EASEMENTS

Sprint Spectrum has been granted a 25-foot utility and access easement, as shown on the enclosed site plan.

### SOLID WASTE

There is no solid waste generated by this facility.

### OFF-SITE FACILITIES

This site is to be accessed from Warren Avenue. Visits to the site by Sprint Spectrum technicians will average once or twice per month. There are no requirements for water or sewer associated with this project.

### SURFACE DRAINAGE

In the area of proposed development, there is currently a sheet runoff of surface water mostly in a east to west direction. Most of the area is currently gravel covered with a small portion having brush and a few trees.

The post-development site will be cleared of the existing growth, but less than 50 square feet of the 2,100 square feet total will become impervious ground coverage and will not significantly increase surface runoff. Minimal grading will be required which will have no significant impact on the existing surface runoff pattern. The development will not add more water to Warren Avenue and will not significantly impact the neighboring property with water runoff.



### CONSTRUCTION PLAN AND ESTIMATED COST

The construction of this project will begin within two days of securing the building permit and that total construction and implementation will require four to six weeks. The estimated cost of construction is \$150,000. Construction of monopole sites generally adhere to the following schedule:

- 1) Surveyors will re-define the lease/construction area and access way to the site;
- 2) The lease area will be cleared of trees, stumps, and other debris;
- 3) The access way and lease area will be excavated to remove topsoil, and bank run gravel will be placed to a depth of 12" on the access way;
- 4) Geo-technical analysis will be performed to determine foundation requirements;
- 5) Foundation area is excavated and forms placed for monopole and for 5' x 8' equipment platform pillar supports;
- 6) Concrete is poured and allowed to set; forms are removed and concrete allowed to cure;
- 7) Monopole is placed;
- 8) Equipment platform, transmission/receiving equipment, cabling and ancillary equipment is installed;
- 9) Utility service is connected;
- 10) Lease area and access way is leveled with crushed gravel/crushed stone to a depth of 6";
- 11) Security fencing and gate are installed.

### REGULATORY APPROVAL

The placement of the 180-foot monopole at this site is in compliance with Federal Aviation Administration regulations. Enclosed please find the appropriate documentation.

### EVIDENCE OF FINANCIAL TECHNICAL CAPACITY

Please see enclosed letter.

### APPLICANT'S TITLE TO SITE

Please see the enclosed Memorandum of Option Agreement and Affidavit.

### DESCRIPTION OF NATURAL AREAS

There are no known unusual natural areas, wildlife or fishery habitats

or archeological sites on or near the project site. The site will have erosion control protection during construction. Areas of the property disturbed by the work and not covered by the fenced site or driveway, shall be graded to a uniform slope, fertilized, seeded and covered with mulch.

# Notice of Proposed Construction or Alteration

Aeronautical Study Number  
96-ANE-479-OE

Department of Transportation  
Aviation Administration

## 1. Nature of Proposal

<b>A. Type</b> <input type="checkbox"/> New Construction <input type="checkbox"/> Alteration *	<b>B. Class</b> <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (Duration months)	<b>C. Work Schedule Dates</b> Beginning <u>After FAA Approval</u> End <u>Within 6 Months</u>
--	--	--

\* If Alteration, provide previous FAA Aeronautical Study Number, if available:

**3A. Name, address, and telephone number of individual, company, corporation, etc. proposing the construction or alteration. (Number, Street, City, State, and, Zip Code)**  
 Carol Donahue McElaney  
 Sprint Spectrum  
 135 Commerce Way  
 Suite 200  
 Portsmouth, New Hampshire 03801

( 603 ) 422-6025  
 Area Code Telephone Number

**3B. Name, address and telephone number of proponent's representative, if different than 3A. above.**

David R. Hunter  
 Airspace Safety Analysis Corporation  
 1745 Phoenix Boulevard, Suite 120  
 Atlanta, Georgia 30349

( 770 ) 994-1557  
 Area Code Telephone Number

## 2. Complete Description of Structure

Please describe on a separate sheet of paper if necessary, the proposed construction or alteration.

- A. For proposals involving transmitting stations, include effective radiated power (ERP) and assigned frequency of all proposed or modified transmitters on the structure. (If not known, give frequency band and maximum ERP).
- B. For proposals involving overhead wire, transmission lines, etc., include the size and the configuration of the wires and their supporting structures.
- C. For all proposals, include site orientation, dimensions, and construction materials of the proposed or altered structure.
- D. Optional-Describe the type of obstruction marking and lighting system desired for your structure. The FAA will recommend appropriate marking and lighting for the structure in accordance with the standards of Advisory Circular AC 70/7460-1. An FAA marking and lighting recommendation will reflect the minimum acceptable level of conspicuity necessary to warn pilots of the presence of an object. However, the FAA under certain circumstances, will not object to the use of a system (such as a medium intensity flashing white light system or a dual lighting system) other than the recommended standard.

(See Attached Addendum)

## 4. Location Of Structure

**A. Coordinates** (to hundredths of seconds, if known)

Latitude	43	41	15.16
Longitude	070	18	14.96

Source of coordinate information for item 4A. above.

USGS 7.5' Quad Chart  Survey  Other Specify

Indicate the reference datum of the coordinates, if known.

NAD 27  NAD 83  Other Specify

**B. Nearest City or Town and State**  
 Portland, Maine

(1). Distance to 48  
 In City

(2). Direction to 48  
 In City

**C. Nearest public or military airport, heliport, flightpark, or seaplane base**  
 PORTLAND INTL JETPORT

(1). Distance from structure to nearest point of nearest runway  
 1.99 NM

(2). Direction from structure to airport  
 183.98° True Bearing

**A. Elevation of site above mean sea level.**  
 97'

**B. Height of structure including all appurtenances and lighting above ground or water.**  
 199'

**C. Overall height above mean sea level (A + B)**  
 296'

**4E. Describe, on a separate sheet of paper, the location of the site with respect to highways, streets, airports, prominent terrain features, existing structures, etc. Attach a copy of a U.S. Geological Survey quadrangle map 7.5 minute series (or equivalent) showing the construction site. If available, attach a copy of a documented site survey with the surveyor's certification.**

### FAILURE TO PROVIDE ALL REQUESTED INFORMATION MAY DELAY PROCESSING OF YOUR NOTICE

Notice is required by Part 77 of the Federal Aviation Regulations (14 C.F.R. Part 77) pursuant to Section 1101 of the Federal Aviation Act of 1958, as amended (49 U.S.C. app. § 1501). Persons who knowingly and willfully violate the Notice requirements of Part 77 are subject to a civil penalty of \$1,000 per day until the notice is received, pursuant to Section 901(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. app. § 1471(a)) as well as the fine (criminal penalty) of not more than \$500 for the first offense and not more than \$2,000 for subsequent offenses, pursuant to Section 902(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. app. § 1472(a)).

HEREBY CERTIFY that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to obstruction mark and/or light the structure in accordance with established marking & lighting standards as necessary.

Date 10/07/96	Typed or Printed Name and Title of Person Filing Notice Carol Donahue McElaney, Property Manager	Signature <i>Carol Donahue McElaney</i>
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## FOR FAA USE ONLY

FAA will either return this form or issue a separate acknowledgement

### The Proposal:

Does not require a notice to FAA.

Is not identified as an obstruction under any standard of FAR, Part 77, Subpart C, but would not be a hazard to navigation.

Is identified as an obstruction under the standards of FAR, Part 77, Subpart C, but would not be a hazard to navigation.

Should be obstruction  marked  lighted per FAA

Advisory Circular 70/7460-1, Chapters

Obstruction marking and lighting are not necessary.

**Supplemental Notice of Construction, FAA Form 7460-2, is required any time the project is abandoned, or**

At least 48 hours before the start of construction.

Within five days after the construction reaches its greatest height.

This determination expires on June 13, 1997 unless:

(a) extended, revised or terminated by the issuing office;

(b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit is made to the FCC on or before the above expiration date, in such cases the determination expires on the date prescribed by the FCC for completion of construction, or on the date the FCC denies the application.

**NOTE: Request for extension of the effective period of this determination must be postmarked or delivered to the FAA 15 days prior to the expiration date.**

If the structure is subject to the licensing authority of the FCC, a copy of this determination will be sent to that agency.

Remarks  
 See reverse side of form.

NAD 83 Coordinates (Use these coordinates for any future correspondence with the FAA)

Latitude	43	41	15.16	Longitude	070	18	14.96
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Issued In Burlington, MA	Signature <i>Charles M. [unclear]</i>	Date 10/28/96
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*Sprint Spectrum L.P.*

Robert M. Neumeister, Jr.  
Chief Financial Officer  
4717 Grand  
Kansas City, MO 64112  
Phone: 816/559-1400

Dear Madam/Sir:

Sprint Spectrum L.P. is a new business begun in October 1994. The Venture is a partnership consisting of Sprint Corporation, the nation's third largest long distance provider, Tele-Communications, Inc., the nation's largest cable television provider, Cox Communications and Comcast Corporation, the nation's third and fourth largest cable providers, respectively. Sprint Spectrum intends to become a national, full service provider of wireless communications products and services. The Venture expects to launch its service in the second half of 1996.

As a partnership, the Venture does not provide external financial information. While Sprint Spectrum is a development stage company with no operating history, in assessing the credit worthiness of the Venture prospective creditors should consider the following:

- The partners have invested over \$2.2 Billion of cash in the Venture to date and intend to contribute another \$2 Billion.
- Each of the partners has a strong financial position and the Venture represents a major, strategic investment for each of them. Financial statements for any of the partners are available upon request.
- The major telecom infrastructure vendors intend to finance the procurement of equipment and construction of the network.

Sprint Spectrum has the full support and funding of its partners and vendors. As such, Sprint Spectrum stands behind its obligations.

Regards,

Robert M. Neumeister, Jr.  
Chief Financial Officer

Finance Committee

**STV Partners  
Finance Committee Contact List**

**Sprint**

2330 Shawnee Mission Parkway  
Westwood, KS 66205

M. Jeannine Strandjord  
Senior Vice President & Treasurer  
(W) 913-624-3211  
Fax 913-624-8426

Secretary: Sandy Sewell 913-624-3445

**Tele-Communications, Inc.**

P.O. Box 5630  
Denver, CO 80217

Bernard W. Schotters  
Senior Vice President - Finance & Treasurer  
(W) 303-267-5050  
Fax 303-488-3200

Secretary: Sue Seiden 303-267-5047

**Comcast Corporation**

1500 Market St., 35th Floor  
Philadelphia, PA 19102

John Alchin  
Senior Vice President & Treasurer  
(W) 215-981-7503  
Fax 215-981-7744

Secretary: Ann Corcoran 215-981-7552

**Cox Enterprises, Inc.**

1400 Lake Hearn Drive  
Atlanta, GA 30319

Janet Lavine  
Assistant Treasurer  
(W) 404-843-5030  
Fax 404-843-5142

Secretary: Vivian 404-843-5107

***SPRINT TELECOMMUNICATIONS VENTURE***

**MEMORANDUM**

**DATE 10/26/95**

---

**TO: MTA Budget Managers**  
**FROM: Ted Bolerjack**  
**RE: Federal Tax LD. Numbers For the Venture**

**The following are the Federal tax identification numbers for the different entities associated with the venture:**

<b>Sprint Spectrum, L.P.</b>	<b>48-1165241</b>
<b>MajorCo, L.P.</b>	<b>48-1165242</b>
<b>MinorCo, L.P.</b>	<b>48-1165243</b>
<b>MajorCo Sub, L.P.</b>	<b>48-1165245</b>
<b>NewTelco, L.P.</b>	<b>48-1165246</b>
<b>WirelessCo, L.P.</b>	<b>48-1172930</b>
<b>PhillieCo, L.P.</b>	<b>48-1157552</b>

MEMORANDUM OF OPTION AGREEMENT

Site Name: WEST PORTLAND

51169

Site ID: NH/M 66D

This memorandum evidences that an option was made and entered into by written Option Agreement dated 8/9, 1996, between Leonard J. Morin and Frances R. Morin ("Owner") and Sprint Spectrum L.P., a Delaware limited partnership ("Sprint Spectrum"), the terms and conditions of which are incorporated herein by reference.

Such Agreement provides in part that Owner grants to Sprint Spectrum an option to lease a certain site ("Site") located at 188 Warren Avenue, City of Portland, County of Cumberland, State of Maine, within the property of Owner which is described on Exhibit A attached hereto, pursuant to a PCS Site Agreement. The term of the option commenced on 8/9, 1996, and will terminate on 5:00 a.m. (p.m.) (EST time) on 2/9/97.

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

OWNER:

Leonard J. Morin

By: Leonard J. Morin

See Exhibit 2a for Continuation of Owner Signatures

Address: 188 Warren Avenue  
Portland, ME 04103

Date: 8/9/96

OWNER:

Frances R. Morin

By: Frances R. Morin

See Exhibit 2a for Continuation of Owner Signatures

Address: 188 Warren Avenue  
Portland, ME 04103

Date: 8/9/96

Sprint Spectrum L.P.,  
a Delaware limited partnership

By: Steven Paisner

Name: Steven Paisner  
Title: Director Engineering & Operations  
New Hampshire/Maine MTA

Address: 135 Commerce Way, Suite 200  
Portsmouth, NH 03801

Date: 8-15-96

Attach Exhibit A - Site Description

STATE OF MAINE  
COUNTY OF Cumberland

The foregoing instrument was acknowledged before me this 7 day of August, 1996, by Leonard J. Morin.

(AFFIX NOTARIAL SEAL)

Adam D. Brooks  
(Official Notary Signature)

Adam D. Brooks  
(Printed or Typed Name of Notary)

SEAL

My Commission Expires: 6/9/2003

STATE OF Maine  
COUNTY OF Cumberland

The foregoing instrument was acknowledged before me this 7 day of August, 1996, by Frances R. Morin.

(AFFIX NOTARIAL SEAL)

Adam D. Brooks  
(Official Notary Signature)

Adam D. Brooks  
(Printed or Typed Name of Notary)

SEAL

My Commission Expires: 6/9/2003

STATE OF NEW HAMPSHIRE  
COUNTY OF ROCKINGHAM

The foregoing instrument was acknowledged before me this 15<sup>th</sup> day of August, 1996, by Steven Paisner, as Director Engineering & Operations, New Hampshire/Maine MTA of Sprint Spectrum L.P., a Delaware limited partnership, on behalf of Sprint Spectrum L.P.

(AFFIX NOTARIAL SEAL)

[Signature]  
(Official Notary Signature)

JONATHAN S. SPRINGER, Notary Public  
My Commission Expires April 8, 1997

\_\_\_\_\_  
(Printed or Typed Name of Notary)

My Commission Expires:

SEAL



EXHIBIT A\*  
SITE DESCRIPTION

Site Name WEST PORTLAND

Site I.D. NH/M 66D

Site situated in the City of Portland, County of Cumberland, State of Maine, commonly described as follows:

Legal Description: A portion of the premises located at 188 Warren Avenue, Portland, Cumberland County, Maine, shows as Map 295, Block G, Lot 6 of the Portland tax map, more particularly described in deed of Robert A. Ferullo to Leonard J. Morin and Frances Retta Morin dated July 8, 1948 and recorded in the Cumberland County Registry of Deeds at Book 1921, Page 124.

Sketch of Site:

SEE SKETCH ATTACHED AT A-2

Owner Initials L MA

Owner Initials L MA

Sprint Spectrum Initials Lawson  
2-15-96

Note: Owner and Sprint Spectrum may, at Sprint Spectrum's option, replace this Exhibit with an exhibit setting forth the legal description of the property on which the Site is located and/or an as-built drawing depicting the Site.

\*(Use this Exhibit A for PCS Site Agreement, Memorandum of PCS Site Agreement, Option Agreement and Memorandum of Option Agreement.)

EXHIBIT A\*  
SITE DESCRIPTION

Site Name WEST PORTLAND

Site I.D. NIH/M 66D

003 793-1111  
CUMBERLAND COUNTY REGISTER  
REC'D BY 200 15 AM 08 21 96  
RECEIVED AUGUST 21 1996

RECEIVED  
RECORDED REGISTRY OF DEEDS  
96 AUG 30 AM 10:15  
CUMBERLAND COUNTY  
John B. O'Brien

Owner Initials LM  
Owner Initials L.M.C.  
Sprint Spectrum Initials Paris  
8-11-96

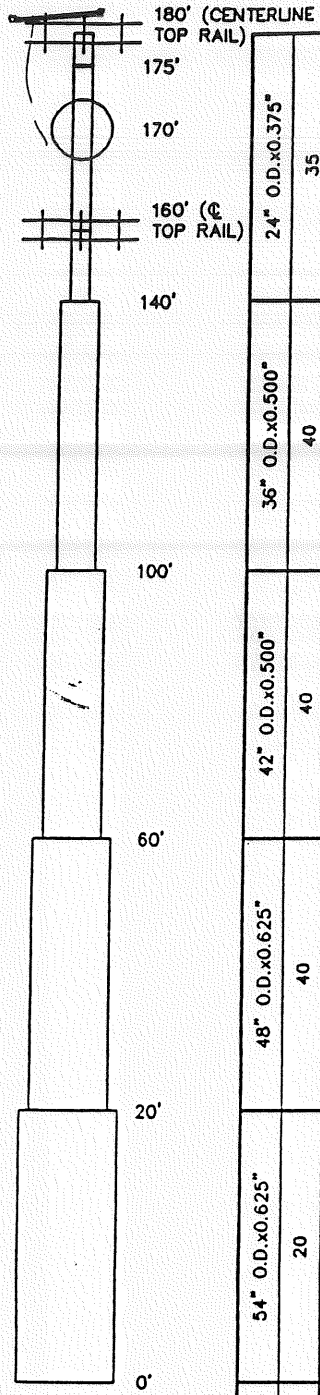
Note: Owner and Sprint Spectrum may, at Sprint Spectrum's option, replace this Exhibit with an exhibit setting forth the legal description of the property on which the Site is located and/or an as-built drawing depicting the Site.

(Use this Exhibit A for PCS Site Agreement, Memorandum of PCS Site Agreement, Option Agreement and Memorandum of Option Agreement.)

Rec. 1/27/97

NOTES:

1. All Pipe Material Shall Be ASTM A36 ( $F \geq 36$  ksi)
2. All Plate Material Shall Be ASTM A36 ( $F \geq 36$ ksi)
3. All Bolted Connections Shall Use ASTM A325 Bolts Unless Noted Otherwise On Plan.
4. Structure Is Designed In Accordance With The Provisions Of TIA/EIA-222-F (June 1996) "STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES", and applicable local design codes.
5. The Topmost 5' Tower Section Be P.M.D.'s Standard Platform Section.

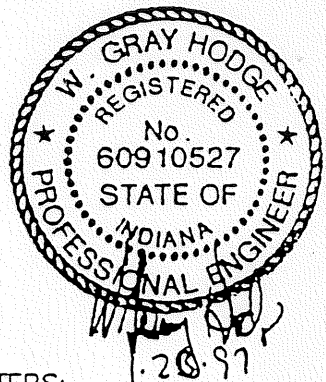
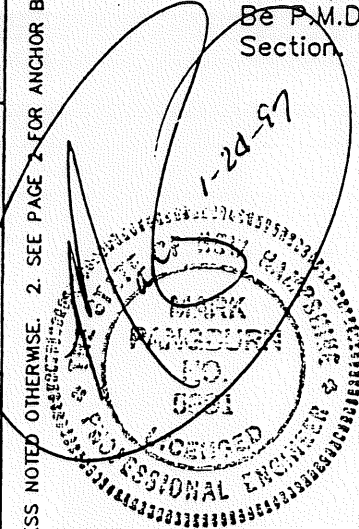


BASE REACTIONS

AXIAL (k): 56  
 SHEAR (k): 27  
 MOMENT (ft-k): 2960

PIPE SIZE	LENGTH (ft.)	WEIGHT (lb.)	OUTSIDE DIAMETER	BOLT & DIAMETER	INSIDE DIAMETER	R THICKNESS	NUMBER	SIZE (DIAMETER)	GRADE (ASTM)	DEGREE SEPARATION
54" O.D.x0.625"	20	7133	66	60.125	54.25	3 1/4	52	SEE SCHED. NOTE 2	SEE SCHED. NOTE 2	SEE SCHED. NOTE 2
48" O.D.x0.625"	40	12662	52.50	50.375	48.25	2 1/2	56	3/4	A325	6.92
42" O.D.x0.500"	40	8873	46.50	44.375	42.25	2 1/4	52	3/4	A325	6.92
36" O.D.x0.500"	40	7590	40.75	38.50	36.25	2 1/8	24	3/4	A325	15
24" O.D.x0.375"	35	3315	34.75	29.50	24.25	1 7/8	8	3/4"	A325	N.A.

SCHEDULE NOTES: 1. ALL DIMENSIONS ARE INCHES UNLESS NOTED OTHERWISE. 2. SEE PAGE 2 FOR ANCHOR BOLT INFORMATION. 3. N.R. DENOTES "NONE REQUIRED"

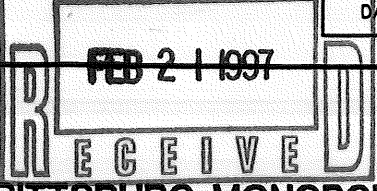


DESIGN PARAMETERS:

Location  
 City: Manchester  
 State: New Hampshire  
 County: Hillsborough  
 Basic Wind Speed (mph): 80  
 Ice Loading: 1/2" Radial  
 Siesmic Loading: N.A.  
 (10% Wind Reduction Considered)

ANTENNA INFORMATION	
ELEVATION	ANTENNA TYPE
180'	(12) @ 4ft <sup>2</sup> W/ PLATFORM
170'	(2) 6'Ø DISH
160'	(12) @ 4ft <sup>2</sup> W/ PLATFORM

DEPT. OF BUILDING INSPECTION  
 CITY OF PORTLAND, ME



PITTSBURG MONOPOLE DIVISION  
 POST OFFICE BOX 107 - POOLE, KENTUCKY 42444 :502:533-1478

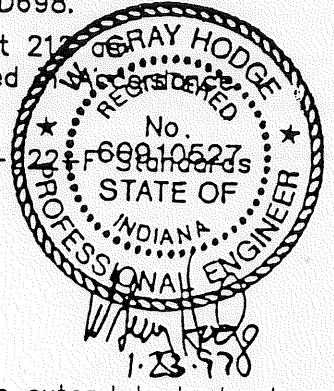
SHEET TITLE	
180' MONOPOLE DESIGN	
CUSTOMER Bechtel	HOA PROJECT NO: 96088-88
PROJ. P.O. NO. 166-M144	DESIGNED/CHECKED BY: WGH
SITE NO NM03XC066	SCALE NONE
CUSTOMER P.O. NO.	DATE 11-12-96

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	FOUNDATION	1-22-97	R.C.

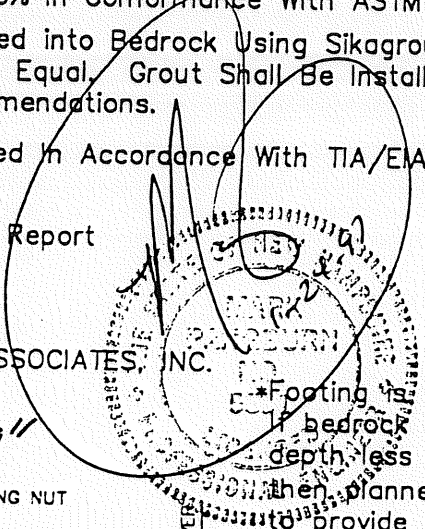
Rec. 1/27/97

LS:

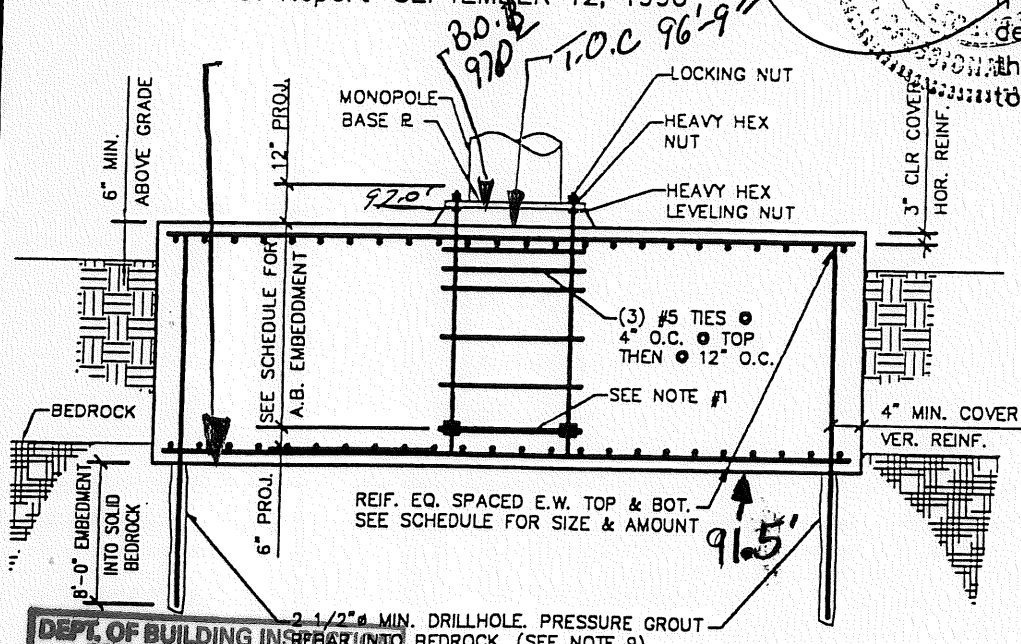
- 3/4" Thick Bearing Plate To Match Base Flange Plate (Base Plate) Size and Layout.
2. Top 2' of Anchor Bolts including top nuts and leveling nuts to be hot dip galvanized in accordance with ASTM A123.
3. Concrete Shall Be Normal Strength Concrete With A 28-Day Compressive Strength  $\geq$  4000 psi. Concrete Shall Have Air Entrainment  $\geq$  4 1/2%  $\pm$  1%.
4. All Reinforcing Steel Shall Comply With The ASTM A615 Specification For Grade 60 Reinforcing Steel.
5. Grout Shall Be Non-Metallic, Non-Shrink Grout With A Minimum Compressive Strength 8000 psf. Grout Thickness Shall Be 3" Minimum And Shall Provide A Minimum Of 1/2" Grout Between The Leveling Nuts And The Top Of The Footing.
6. Non-Chloride, Non-Corrosive Accelerating And Water Reducing Admixtures Shall Conform To The ASTM C494 Specification.
7. Slope The Top Of The Footing To Provide Water Drainage Away From The Monopole Base. Chamfer All Exposed Edges 1".
8. All Structural Fill To Be Compacted To 95% In Conformance With ASTM D698.
9. Reinforcing Steel Shall Be Pressure Grouted into Bedrock Using Sikagrout 212 Manufactured By The Sika Corporation, or Equal. Grout Shall Be Installed With Manufacturer's Instructions & Recommendations.
10. The Spread Footing Foundation Is Designed In Accordance With TIA/EIA- And The Geotechnical Report.



REPORT TITLE-Geotechnical Engineering Report  
 188 WARREN AVENUE  
 PORTLAND, MAINE  
 SITE NO. NH/M 066-D  
 Report Author-GEMINI GEOTECHNICAL ASSOCIATES, INC.  
 Author's Reference Number-96127ME  
 Date Of Report-SEPTEMBER 12, 1996



\*Footing is to extend to bedrock. If bedrock is encountered at a depth less than 4'-6" below grade, then planned grade shall be raised to provide 4'-6" of soil cover.



ANCHOR BOLT INFORMATION	
NUMBER	28
SIZE (DIAMETER, in.)	2
GRADE (ASTM)	A36
EMBEDMENT LENGTH (in.)	48

SPREAD FOOTING INFORMATION	
FOOTING PLAN SIZE	12' x 12'
FOOTING THICKNESS	5'-0" MIN.
DEPTH BELOW GRADE	4'-6" MIN.
HORIZONTAL REINF.	(14) #10's E.W. TOP & BOT.
VERTICAL REINF.	(14) #9's EACH FACE

DEPT. OF BUILDING INSPECTION  
 CITY OF PORTLAND, ME

**PITTSBURG MONOPOLE DIVISION**  
 POST OFFICE BOX 107 - POOLE, KENTUCKY 42444 (502)633-1478

FOUNDATION DESIGN	
CUSTOMER BECHTEL	FOA PROJECT NO. 96088-88
FMD P.O. NO. 167-M144	DESIGNED/CHECKED BY: WGH
SITE NO. NMD03XC066	SCALE NONE
CUSTOMER P.O. NO.	DATE 11-12-96

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	FOUNDATION	1-22-97	P.C.