

CITY OF CHARLOTTESVILLE
"A World Class City"



Department of Neighborhood Development Services

City Hall • P.O. Box 911
Charlottesville, Virginia 22902
Telephone 434-970-3182
Fax 434-970-3359
www.charlottesville.org

November 30, 2006

Ntelos Network, Inc.
1145 River Rd., Suite 14
Charlottesville, VA 22901
ATTN: Emily Walker

819 W Main St

BAR 06-11-03
811 West Main Street
TM 31 P 184B
Ntelos Network, Inc.
Install antennae and concrete pad

Dear Ms. Walker,

The above referenced project was discussed before a meeting of the City of Charlottesville Board of Architectural Review (BAR) on November 28, 2006.

The BAR voted (9-0) to approve the request to install an antennae and concrete pad on the property.

In accordance with Charlottesville City Code 34-285(b), this decision may be appealed to the City Council in writing within ten working days of the date of the decision. Written appeals should be directed to Jeanne Cox, Clerk of the City Council, PO Box 911, Charlottesville, VA 22902.

This certificate of appropriateness shall expire in one year, unless within that time period you have either: applied for a building permit if one is required, or if no building permit is required, commenced work. You may request an extension of the certificate of appropriateness for one additional year for reasonable cause.

Upon completion of work, please contact me for an inspection of the improvements included in this application.

If you have any questions, please contact me at 970-3130 or scala@charlottesville.org.

Sincerely yours,

Mary Ley Scala
Preservation and Design Planner

**CITY OF CHARLOTTESVILLE
BOARD OF ARCHITECTURAL REVIEW
STAFF REPORT
November 28, 2006**



**Certificate of Appropriateness Application
BAR 06-11-03
811 West Main Street
TM 31 P 184B
Ntelos Network, Inc.
Install antennae and concrete pad**

Background

This property is located in the West Main Street ADC District. The radio tower is a non-conforming use. The zoning is Mixed Use – West Main North.

An Alltel generator was approved at this site by the BAR on April 18, 2006. That application included approximately 55 feet of brown slat screening on a portion of the existing chain link fence (attached drawing).

Application

The applicant is seeking to install an 80" x 17" x 16" antenna on an existing Norfolk Southern tower and a 25 sq. ft. concrete pad to house a 31" x 30" x 84" cabinet with ice bridge above.

The applicant has agreed to install approximately 50 feet of brown slat screening in the existing fence to help screen the facility from West Main Street.

Discussion

Review Criteria Generally

Sec. 34-284(b) of the City Code states that,

In considering a particular application the BAR shall approve the application unless it finds:

- (1) That the proposal does not meet specific standards set forth within this division or applicable provisions of the Design Guidelines established by the board pursuant to Sec. 34-288(6); and*
- (2) The proposal is incompatible with the historic, cultural or architectural character of the district in which the property is located or the protected property that is the subject of the application.*

Pertinent Standards for Review of Construction and Alterations include:

- (1) Whether the material, texture, color, height, scale, mass and placement of the proposed addition, modification or construction are visually and architecturally compatible with the site and the applicable design control district;*
- (2) The harmony of the proposed change in terms of overall proportion and the size and placement of entrances, windows, awnings, exterior stairs and signs;*
- (3) The Secretary of the Interior Standards for Rehabilitation set forth within the Code of Federal Regulations (36 C.F.R. §67.7(b)), as may be relevant;*
- (4) The effect of the proposed change on the historic district neighborhood;*
- (5) The impact of the proposed change on other protected features on the property, such as*

gardens, landscaping, fences, walls and walks;

(6) Whether the proposed method of construction, renovation or restoration could have an adverse impact on the structure or site, or adjacent buildings or structures;

(8) Any applicable provisions of the City's Design Guidelines.

Pertinent Design Review Guidelines

Site Design and Elements

P. 2.7 Utilities and other Site Appurtenances

- 1. Place overhead wires, utility poles and meters, antennae, trash containers, and exterior heat exchangers in locations where they are least likely to detract from the character of the site.*
- 2. Encourage the installation of utility services underground.*
- 3. Screen utilities and other site elements with fences, walls or plantings.*
- 4. Antennae and communication dishes should be placed in inconspicuous rooftop locations.*
- 5. Screen all rooftop mechanical equipment with a wall of a material harmonious with the building or structure.*

Recommendations

This area is generally unkempt and is visible from West Main Street in the winter months. To be consistent with the previous approval, the applicant has agreed to install approximately 50 feet of additional brown slat screening to help obscure the ground level equipment from West Main Street. Staff recommends approval.

Suggested Motion

Having considered the standards set forth within the City Code, including City Design Guidelines for New Construction, I move to find that the proposed new antenna and cabinet satisfy the BAR's criteria and are compatible with other properties in this district, and that the BAR approves the application as submitted with the addition of approximately 50 feet of brown slat screening.

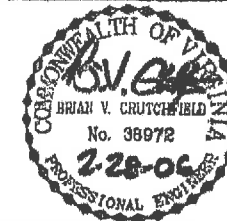


ALTEL COMMUNICATIONS
4525 COLUMBUS STREET
SUITE 100
VIRGINIA BEACH, VA. 23462

PROJECT NAME:

**DOWNTOWN
CHARLOTTESVILLE
SITE**
810B WEST MAIN ST.
CHARLOTTESVILLE, VIRGINIA

SITE LAYOUT



TIMMONS GROUP

Site Development | Residential | Infrastructure | Technology
YOUR VISION AND GOALS THROUGH OURS.

VIRGINIA | NORTH CAROLINA | WEST VIRGINIA

THIS DRAWING PREPARED AT THE
PRINCE GEORGE OFFICE

4260 Crossings Blvd | Prince George, VA 23875
TEL 804.541.6600 FAX 804.751.0758 www.timmons.com

DATE: 2-28-06 SCALE: 1"=10'

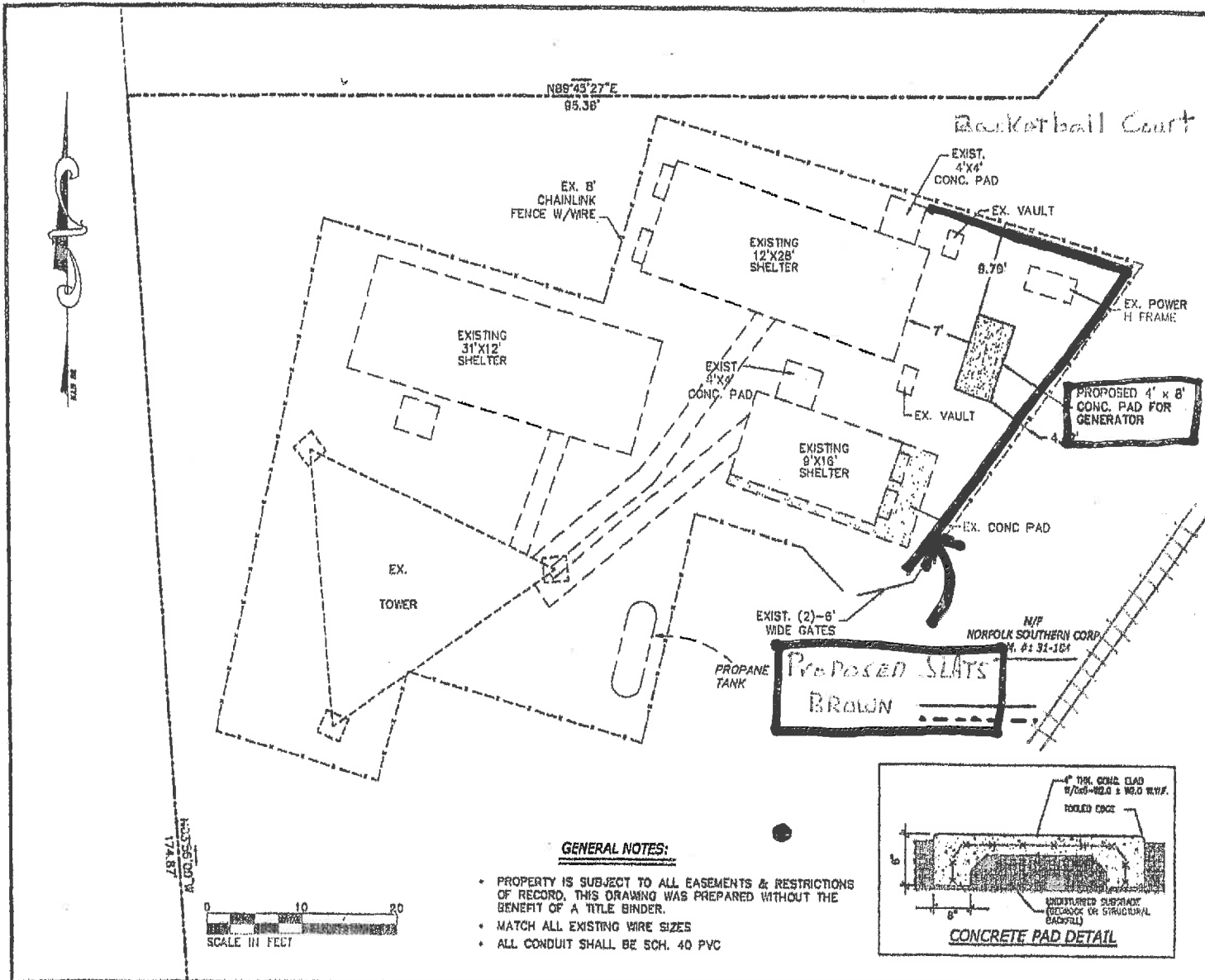
DRAWN BY: D. MCBRIDE

CHECKED BY: B. CRUTCHFIELD

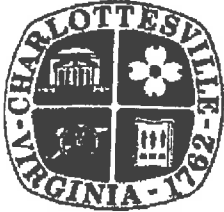
JOB NO. 204-00

C1

Previous Approval



WEST MAIN ST.



Board of Architectural Review (BAR) Certificate of Appropriateness

Please Return To: City of Charlottesville
Department of Neighborhood Development Services
P.O. Box 911, City Hall
Charlottesville, Virginia 22902
Telephone (434) 970-3130 Fax (434) 970-3359

Please submit ten (10) copies of application form and all attachments.

For a new construction project, please include \$250 application fee. For all other projects requiring BAR approval, please include \$50 application fee. For both types of projects, the applicant must pay \$1.00 per required mail notice to property owners. The applicant will receive an invoice for these notices, and project approval is not final until the invoice has been paid. For projects that require only administrative approval, please include \$50 administrative fee. Checks payable to the City of Charlottesville.

The BAR meets the third Tuesday of the month.

Deadline for submittals is Tuesday 3 weeks prior to next BAR meeting by 5 p.m.

Information on Subject Property

Physical Street Address: 811 W. Main St
Charlottesville, VA
City Tax Map/Parcel: 310184B00

Name of Historic District or Property: _____

West Main Street

Do you intend to apply for Federal or State Tax Credits for this project?

No

*Russell Walker 760-0662
walkerR@ntelos.net*

Applicant

Name: Ntelos Network Inc.
Address: 1145 River Rd., Suite 14
Charlottesville, VA 22901
Email: emwalker@ntelos.net
Phone: (W) (540) 241-1365 (H) (540) 241-1365
FAX: (434) 220-0211

Signature of Applicant

I hereby attest that the information I have provided is, to the best of my knowledge, correct. (Signature also denotes commitment to pay invoice for required mail notices.)

Emily B Walker
Signature

10/31/06
Date

Property Owner (if not applicant)

Name: Citico Realty Co.
Address: 110 Franklin Rd.
Roanoke, VA 24042-0028
Email: deword@nscorp.com
Phone: (W) (404) 529-1493 (H) _____
FAX: 404-962-5584

Property Owner Permission (if not applicant)

I have read this application and hereby give my consent to its submission.

John Word
Signature

10/30/06
Date

Description of Proposed Work (attach separate narrative if necessary): Ntelos proposes to install an 80"x17"x16" antenna on an existing Norfolk Southern tower located at the W. Main St. address above. We will also need to install a 25 s.f. concrete pad to house a 31"x30"x84" cabinet. This equipment installed will be used to provide portable broadband internet service to those within a 12 mile radius. There are other existing antennas and providers on this existing tower.

Attachments (see reverse side for submittal requirements): We have included 10 copies of application, site plans, photographs of current site and photographs depicting tower after installing equipment.

For Office Use Only

Received by: BSW
Fee paid: 50.00 Cash/ck. # 41241
Date Received: BSW 10/31/06

Approved/Disapproved by: _____

Date: _____

Conditions of approval: _____

RECEIVED

OCT 31 2006

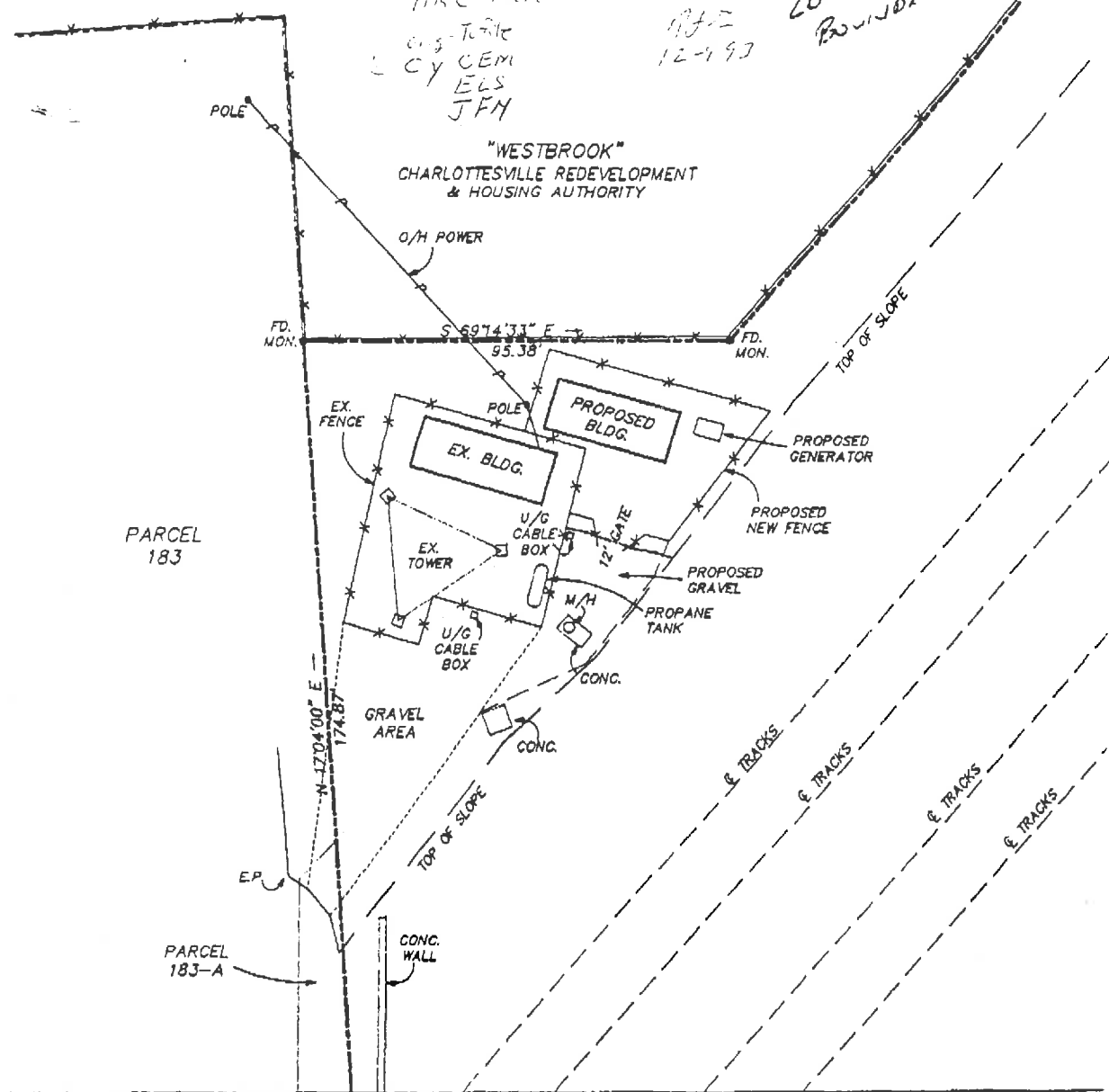
NEIGHBORHOOD DEVELOPMENT SERVICES

Charlottesville, VA
18-1-01

18-1-01 161 P02 DEC 08 '93 15:32

DEW
Talked to ELS - This looks
like there should be no problem
C/S: TATE
CY: CEM
ELS
JFM
12-1-93

LOOSE AREA
BOUNDARY



MAIN STREET

1" = 30'

E. ROAD

Main Street Tower - View from Main street

Proposed
Mounting
Location



Main Street Tower - view to The East



Cabinet Installed here →

Main Street Tower - view from proposed cabinet installation Location





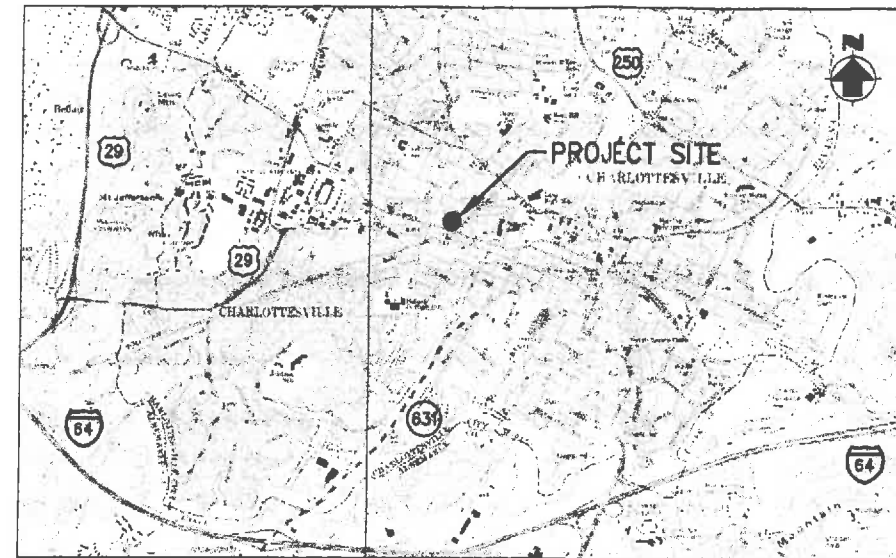
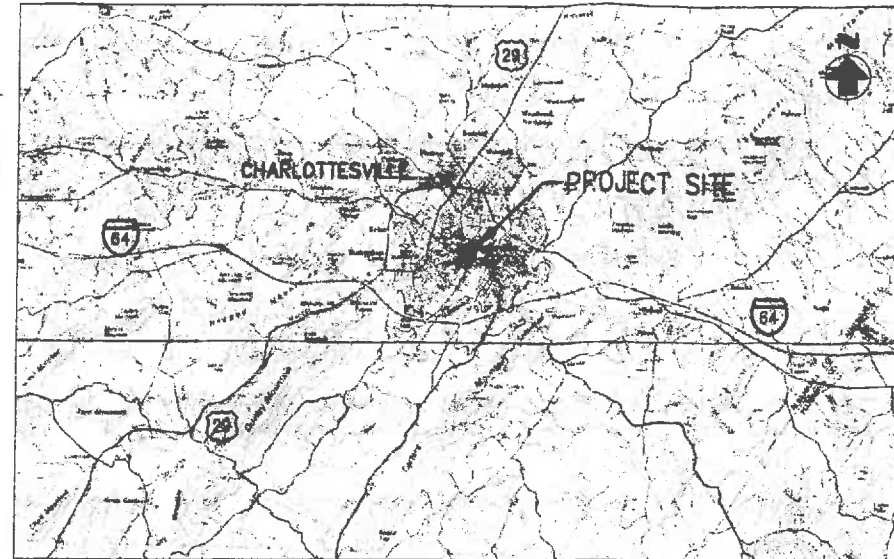
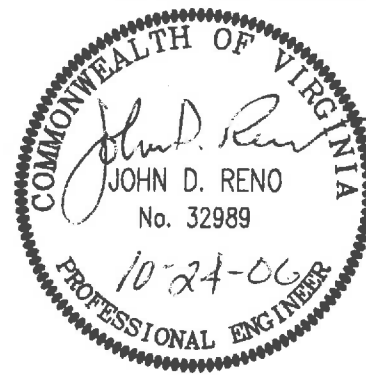
Reference Picture - NITLUS SITE IN LEXINGTON, VA.

Reference Picture - NTELOS site in Lexington, VA.



GENERAL NOTES

1. OWNER ADDRESS: NORFOLK SOUTHERN
2. SITE ADDRESS: 811 W MAIN STREET CHARLOTTEVILLE, VA 22911
3. NTELOS SITE NO.: MAIN STREET (CVP801)
LESSOR SITE NAME: CHARLOTTEVILLE VIRGINIA SITE
LESSOR NAME: CIPICO REALTY CO.
CONTACT: GARY DAVIS (404) 529-1511
4. CONSULTING ENG.: PATTON HARRIS RUST & ASSOCIATES, P.C.
401 EAST MARKET STREET, SUITE 209
CHARLOTTEVILLE, VA 22902
(434) 295-3130
5. APPLICANT: NTELOS NETWORK, INC.
1150 SHENANDOAH VILLAGE DRIVE
WAYNESBORO, VA. 22980
CONTACT: BRANNON OBERG (540) 448-0408
6. LEASE AREA: 25 SQUARE FEET
7. CURRENT ZONING: T.M. #
ZONING:
JURISDICTION: CITY OF CHARLOTTEVILLE
- 7A. FLOOD PLAIN: THIS SITE IS NOT LOCATED WITHIN ANY KNOWN FLOOD PLAIN BOUNDARY.
8. THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS FOR THIS PROJECT FROM ALL APPLICABLE GOVERNMENT AGENCIES.
9. ANY PERMITS WHICH MUST BE OBTAINED SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND AT HIS EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
10. THE CONTRACTOR SHALL NOTIFY THE COUNTY ENGINEER 24 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.
11. LOCATION OF EXISTING SEWER, WATER OR GAS LINES, CONDUITS OR OTHER STRUCTURES ACROSS, UNDERNEATH, OR OTHERWISE ALONG THE LINE OF PROPOSED WORK ARE NOT NECESSARILY SHOWN ON THE PLANS, AND IF SHOWN ARE ONLY APPROXIMATELY CORRECT. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES (INCLUDING TEST PITS BY HAND IF NECESSARY) IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT ENGINEER IMMEDIATELY IF LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON PLANS. IF THERE APPEARS TO BE A CONFLICT, OR UPON THE DISCOVERY OF ANY UTILITY NOT SHOWN ON THE PLANS. FOR ASSISTANCE CALL "MISS UTILITY" 1-800-552-7001.
12. EXISTING PAVEMENT AND OTHER SURFACES DISTURBED BY THE CONTRACTOR (WHICH ARE NOT TO BE REMOVED) SHALL BE REPAIRED TO LIKE-NEW CONDITION.
13. THE CONTRACTOR IS REQUIRED TO MAINTAIN ALL DITCHES, PIPES, AND OTHER DRAINAGE STRUCTURES FREE FROM OBSTRUCTION UNTIL WORK IS ACCEPTED BY THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES CAUSED BY FAILURE TO MAINTAIN DRAINAGE STRUCTURES IN OPERABLE CONDITION.
14. ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR ONE (1) FULL YEAR FROM THE DATE OF ACCEPTANCE.
15. THE OWNER SHALL HAVE A SET OF APPROVED PLANS AVAILABLE AT THE SITE AT ALL TIMES WHEN WORK IS BEING PERFORMED. A DESIGNATED RESPONSIBLE EMPLOYEE SHALL BE AVAILABLE FOR CONTACT BY COUNTY INSPECTORS.
16. ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THIS ASSIGNMENT, THE CONTRACTOR IS ATTESTING THAT HE DOES HAVE SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT HE IS PROPERLY LICENSED AND PROPERLY REGISTERED TO DO THIS WORK IN THE STATE IN WHICH IT IS TO BE PERFORMED.
17. UNLESS SHOWN OR NOTED OTHERWISE ON THE CONTRACT DRAWINGS, OR IN THE SPECIFICATIONS, THE FOLLOWING NOTES SHALL APPLY TO THE MATERIALS LISTED HEREIN, AND TO THE PROCEDURES TO BE USED ON THIS PROJECT.
18. ALL HARDWARE ASSEMBLY MANUFACTURER'S INSTRUCTIONS SHALL BE FOLLOWED EXACTLY AND SHALL SUPERCEDE ANY CONFLICTING NOTES ENCLOSED HEREIN.



TELECOMMUNICATIONS FACILITY
CO-LOCATION
MAIN STREET (CVP801)
CHARLOTTEVILLE, VIRGINIA 22911

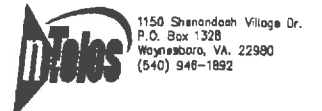
19. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING ERECTION AND/OR FIELD MODIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF WHATEVER TEMPORARY BRACING, GUYS OR TIE DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER THE COMPLETION OF THE PROJECT.
20. ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE BEGINNING ANY MATERIALS ORDERING, FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND THE OWNERS ENGINEER. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE ENGINEER SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES OR THE CONSTRUCTION PROCEDURES.
21. ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF GOOD WORKING QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND THE ENGINEER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT THIS PROJECT AND RELATED WORK COMPLIES WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY CODES AND REGULATIONS GOVERNING THIS WORK.
23. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST EDITION OF THE LOCAL BUILDING CODE.
24. ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULE AND MATERIALS ACCESS, WITH THE RESIDENT LEASING AGENT FOR APPROVAL.
25. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES OR ORDINANCES. THE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.
26. ANY DAMAGE TO ADJACENT PROPERTIES WILL BE CORRECTED AT THE CONTRACTORS EXPENSE.
27. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.
28. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DRAWINGS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETION OF PROJECT.
29. COORDINATE THE CONSTRUCTION STAGING AREA WITH THE PROPERTY OWNER AND THE PROPERTY MANAGER WELL IN ADVANCE OF THE CONSTRUCTION START DATE.
30. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CONDITIONS AND PLAN DIMENSIONS, AND NOTIFY THE ARCHITECT AND ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
31. THE CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE WORK SITE ON A DAILY BASIS.
32. ALL NEW UTILITIES SHALL BE PLACED UNDERGROUND.

INDEX OF SHEETS

SHEET NAME	SHEET NUMBER
TITLE SHEET AND GENERAL NOTES	T-1
GENERAL NOTES AND SPECIFICATIONS	S-1
SITE PLAN AND ELEVATION	S-2
SECTIONS AND DETAILS	S-3
SECTIONS AND DETAILS	S-4
ELECTRICAL DETAILS	E-1
ELECTRICAL NOTES	E-2

PROJECT DESCRIPTION:

THE IMPROVEMENTS SHOWN ON THIS PLAN INCLUDE THE ADDITION OF A OMNI ANTENNA ON A EXISTING TOWER AND INSTALLATION OF AN EQUIPMENT CABINET WITHIN THE EXISTING TOWER SHELTER. NO SEWER OR WATER SERVICE IS PROPOSED. NO GRADING IS PROPOSED.



PHR & A

Patton Harris Rust & Associates, PC
Engineers, Surveyors, Planners, Landscape Architects
118 N. Main Street
Bridgewater, Virginia 22812
540-688-2818

Job # 11052-1-3AD

ALL DRAWINGS AND WRITTEN MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF PHR & A AND MAY NOT BE DUPLICATED, USED OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF PHR & A

RELEASE	
DATE	
10/13/06	CONSTRUCTION DRAWING

REVISIONS	
NO.	DATE
1	10/19/06
	REVISED PER COMMENTS

PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

DRAWN BY: J. FLAXMAN
CHECKED BY: J. RENO

SITE NAME

MAIN STREET

SITE NUMBER

CVP801

SITE ADDRESS

811 W MAIN STREET
CHARLOTTEVILLE, VA. 22911

SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1

PLOT SCALE: 1=20

PHR & A
 Patton Harris Rust & Associates, PC
 Engineers, Surveyors, Planners, Landscape Architects
 116 N. Main Street
 Bridgewater, Virginia 22812
 540-888-2818

Offices:
 Charlottesville, Va.
 Bridgewater, Va.
 Leesburg, Va.
 Lexington, Va.
 Woodbridge, Va.

Job # 11052-1-3AD

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RELEASE	
DATE	
10/13/06	CONSTRUCTION DRAWING

REVISIONS	
NO.	DATE
1	10/19/06
2	
3	
4	

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SITE NAME

MAIN STREET

SITE NUMBER

CVP801

SITE ADDRESS

**811 W MAIN STREET
 CHARLOTTESVILLE, VA, 22911**

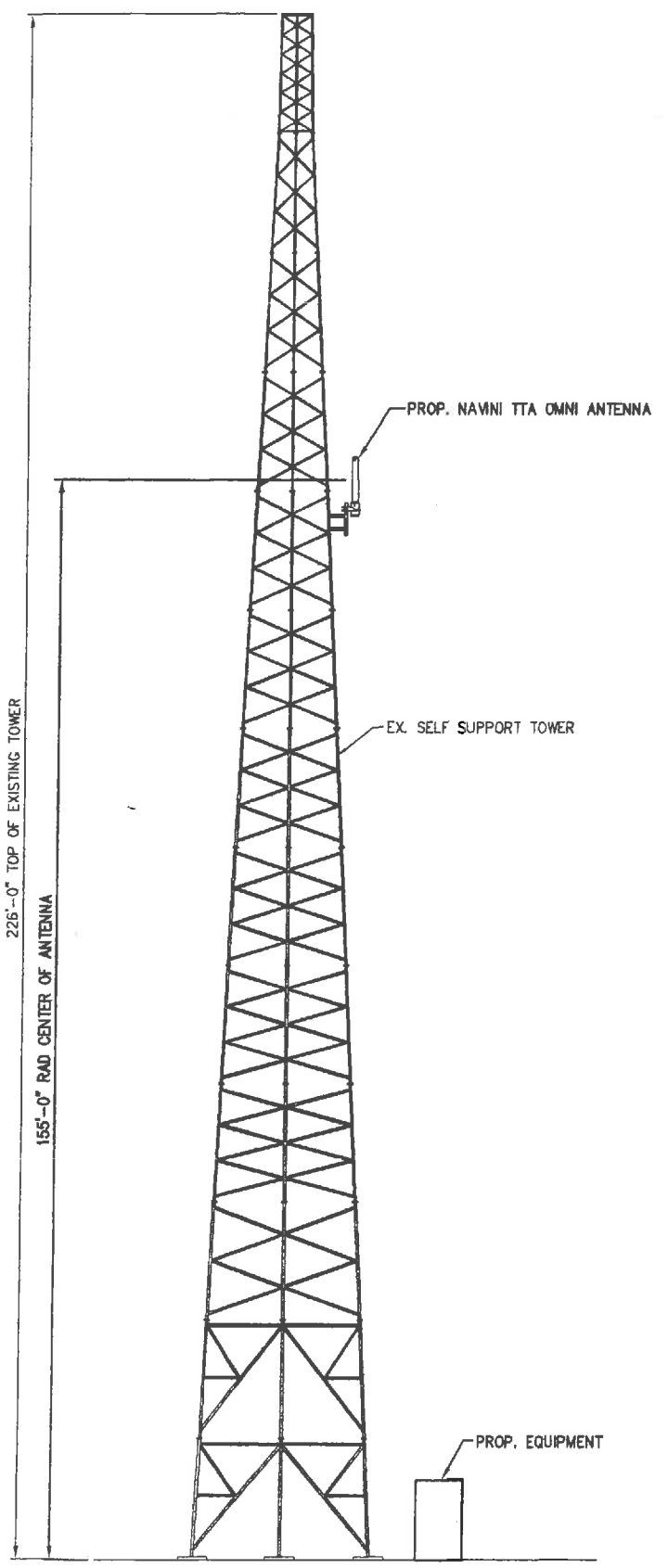
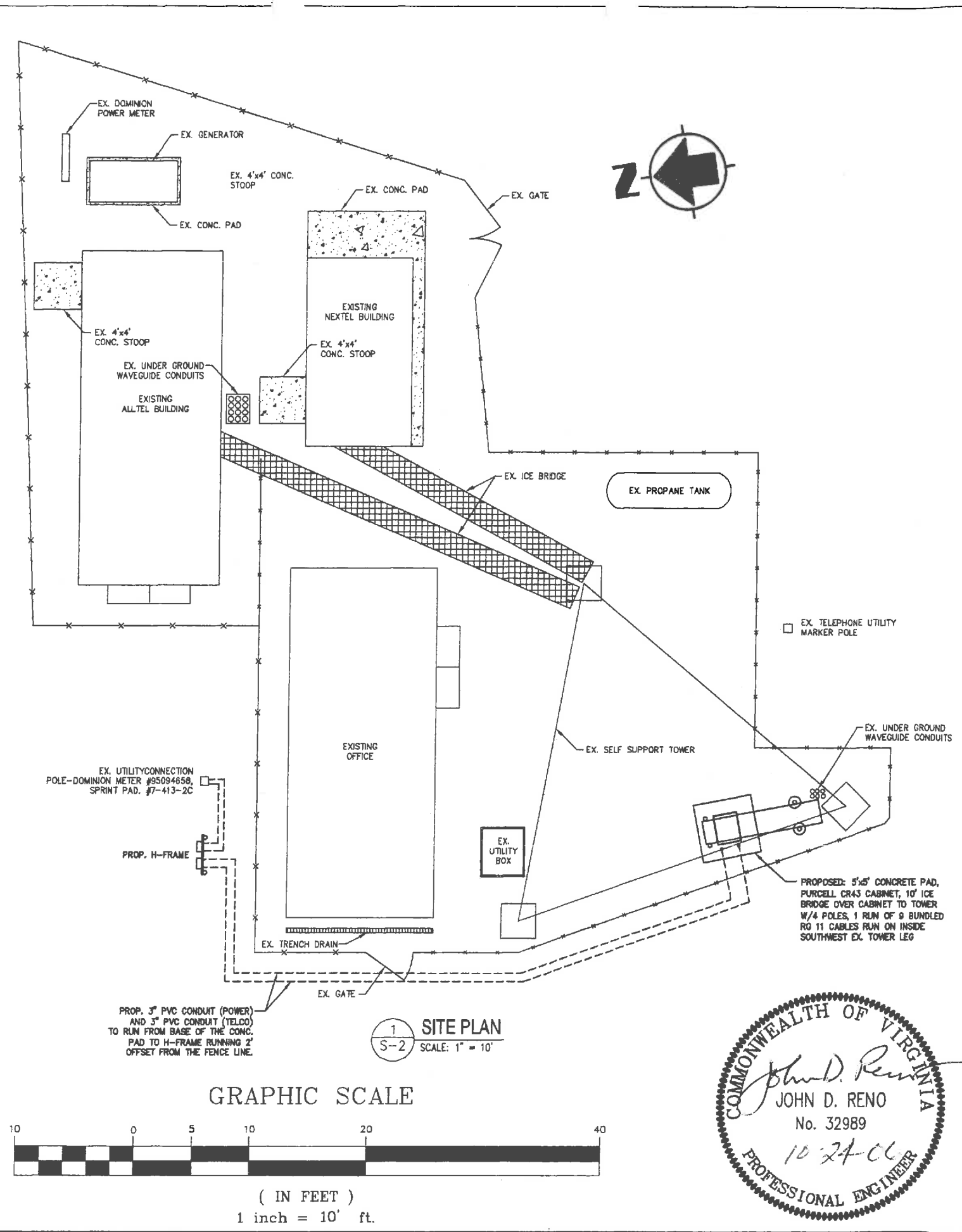
SHEET TITLE

**SITE PLAN
 AND ELEVATION**

SHEET NUMBER

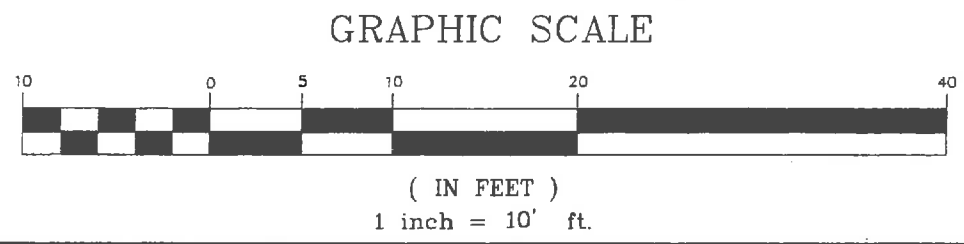
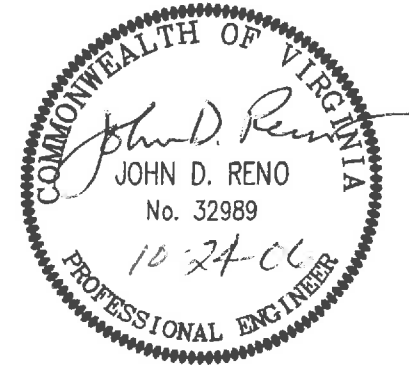
S-2

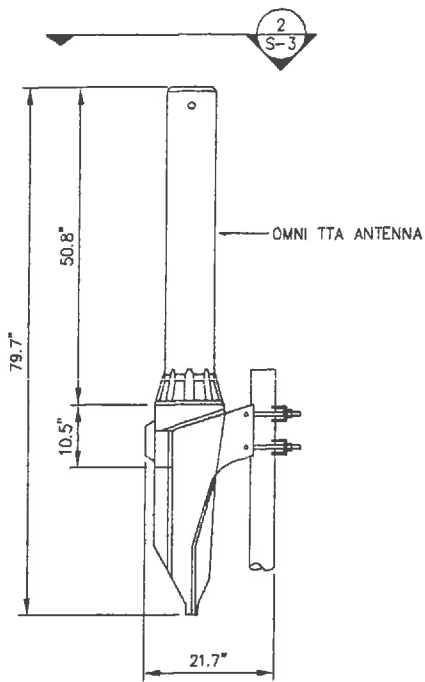
PLOT SCALE: 1=20



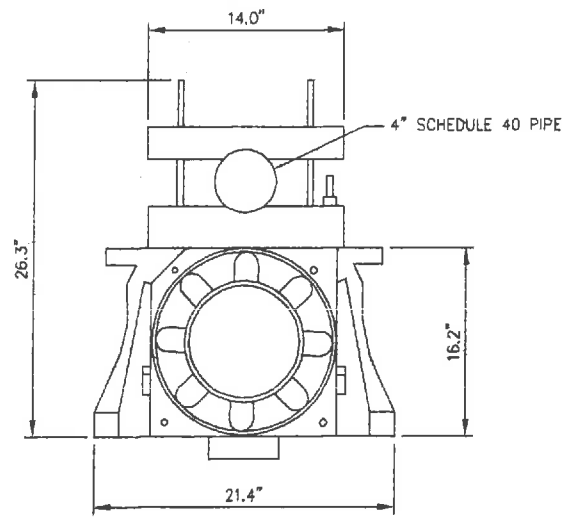
2 SELF SUPPORT TOWER ELEVATION
 SCALE: N.T.S.

1 SITE PLAN
 S-2 SCALE: 1" = 10'



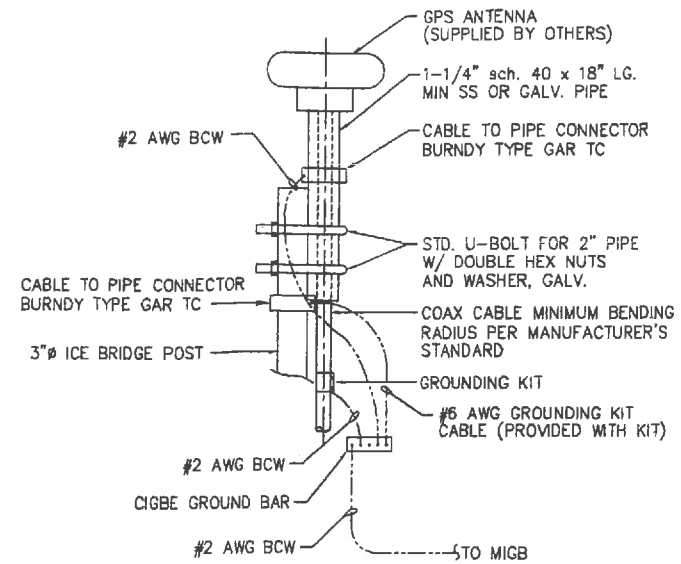


1 ELEVATION OF ANTENNA
S-3 SCALE: N.T.S.



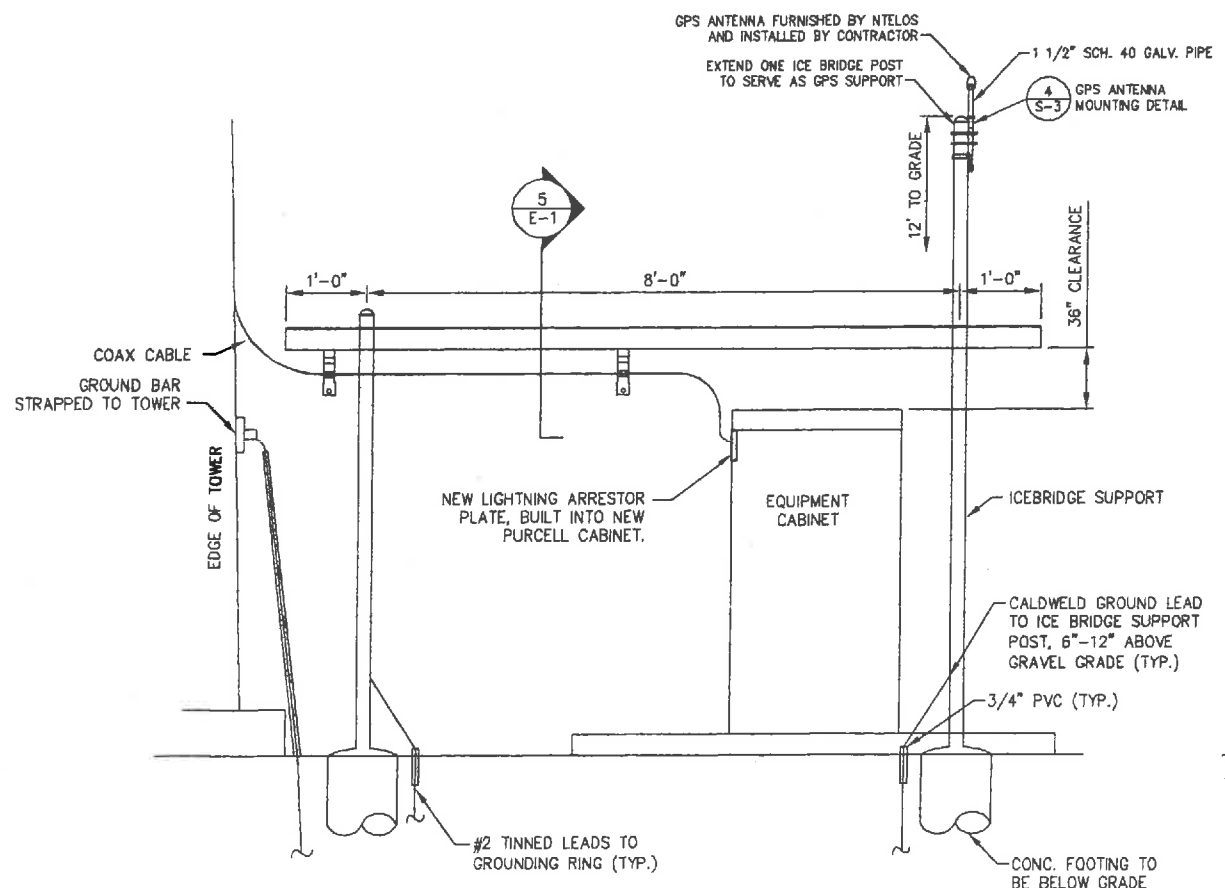
NOTE:
ADDITION OF (1) POLYPHASE PSXL-ME AND (8) HUBER SUBNER 3406.17.0012 LIGHTNING PROTECTORS. SCREW ONTO BASE OF THE OMNI/PANEL AND ATTACH CABLES TO THE OPEN BASE OF THE PROTECTOR. THE POLYPHASE, ITSELF, DOES NOT REQUIRE ANY ADDITIONAL GROUNDING.

2 ANTENNA SECTION VIEW
S-3 SCALE: N.T.S.



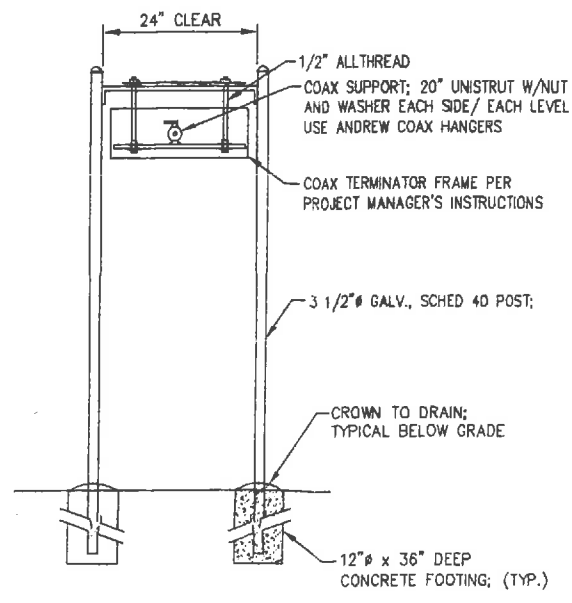
NOTE:
THE ELEVATION AND LOCATION OF THE GPS ANTENNA SHALL BE IN ACCORDANCE WITH THE FINAL RF REPORT.

4 GPS ANTENNA
S-3 SCALE: N.T.S.



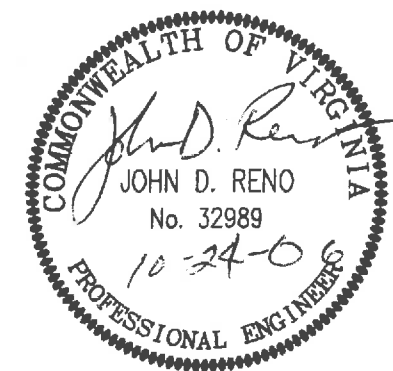
SIDE ELEVATION

3 ICE BRIDGE DETAIL
S-3 SCALE: N.T.S.



FRONT ELEVATION

NOTES:
IF THE ICE BRIDGE IS 20' OR LESS, TWO (2) GROUNDING POINTS ARE REQUIRED AT OPPOSITE ENDS OF THE ICE BRIDGE, CALDWELD TO THE ICE BRIDGE SUPPORT POST.
IF THE ICE BRIDGE (DIM. "A") IS 20' OR GREATER, THREE (3) GROUNDING POINTS ARE REQUIRED. ONE (1) EACH AT OPPOSITE ENDS AND ONE (1) NEAR THE CENTER OF THE ICE BRIDGE, CALDWELD TO THE ICE BRIDGE SUPPORT POST.



NILOS
1150 Shenandoah Village Dr.
P.O. Box 1328
Waynesboro, VA, 22980
(540) 946-1892

PHR&A
Patton Harris Rust & Associates, PC
Engineers, Surveyors, Planners, Landscape Architects
116 N. Main Street
Bridgewater, Virginia 22812
540-688-6816
Job # 11052-1-340

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RELEASE		
DATE	BY	REASON
10/13/08		CONSTRUCTION DRAWING

REVISIONS		
NO.	DATE	DESCRIPTION
1	10/19/06	REVISED PER COMMENTS

PROPERTY OF THE OWNER. IT IS PRODUCED SOLELY FOR USE BY THE OWNER AND ITS AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

DRAWN BY: J. FLAXMAN
CHECKED BY: J. RENO

SITE NAME

MAIN STREET

SITE NUMBER

CVP801

SITE ADDRESS

811 W MAIN STREET
CHARLOTTESVILLE, VA, 22911

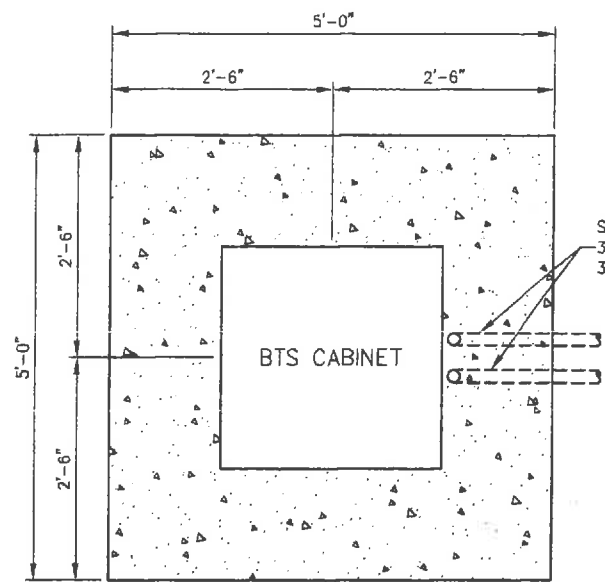
SHEET TITLE

SECTIONS AND DETAILS

SHEET NUMBER

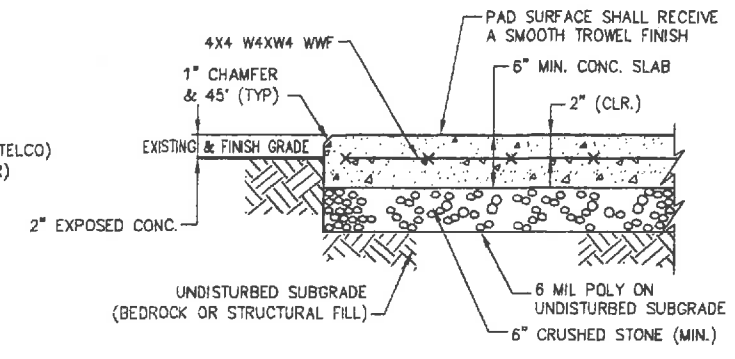
S-3

PLOT SCALE: 1=20

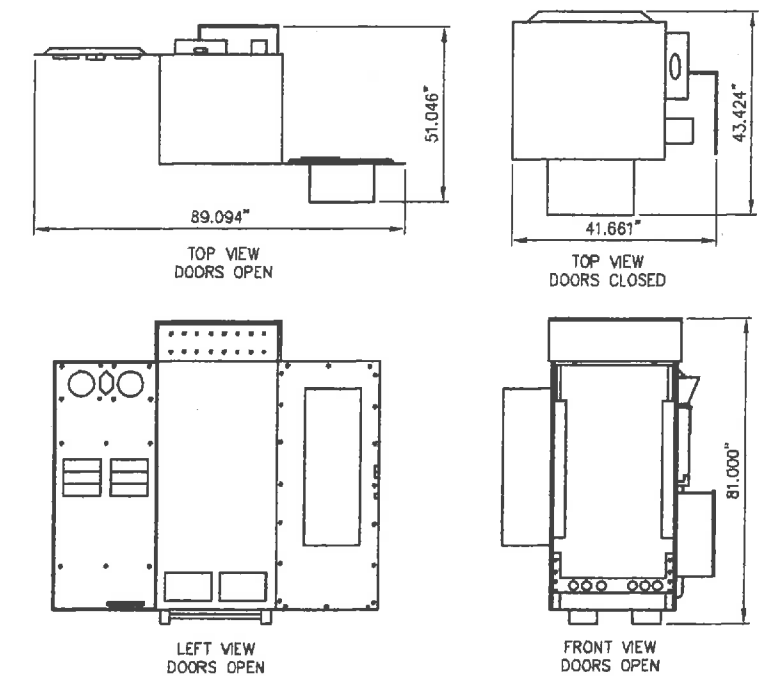


NOTE: 1. SEE SITE PLAN FOR ACTUAL ORIENTATION

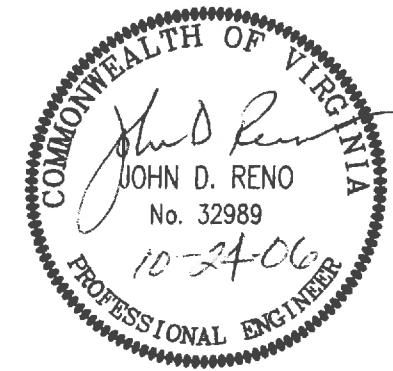
1
 S-4 CONCRETE PAD LAYOUT SCHEMATIC
 SCALE: N.T.S.



2
 S-4 CONCRETE PAD SECTION
 SCALE: N.T.S.



3
 S-4 CABINET DETAIL
 SCALE: N.T.S.



D-Tek
 1150 Shenandoah Village Dr.
 P.O. Box 1328
 Waynesboro, VA, 22980
 (540) 946-1892

Officers:
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 Bridgewater, Va.
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 116 N. Main Street
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 540-888-8818

Job # 11052-1-340

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DATE	
10/13/06	CONSTRUCTION DRAWING

REVISIONS		
NO.	DATE	COMMENTS
1	10/19/06	REVISED PER COMMENTS

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DRAWN BY: J. FLAXMAN
 CHECKED BY: J. RENO

SITE NAME

MAIN STREET

SITE NUMBER

CVP801

SITE ADDRESS

811 W MAIN STREET
 CHARLOTTESVILLE, VA, 22911

SHEET TITLE

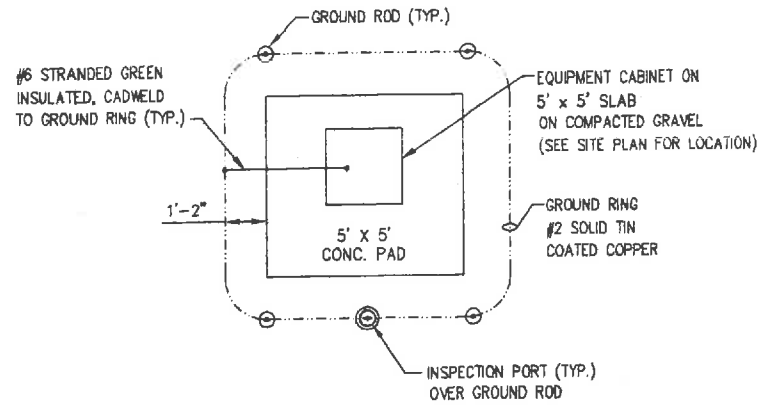
SECTIONS AND DETAILS

SHEET NUMBER

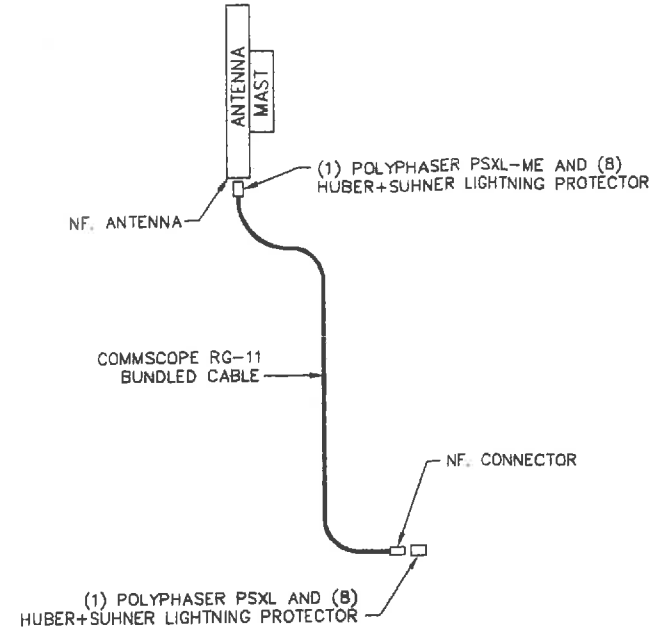
S-4

PLOT SCALE: 1=20

GROUND GRID DESIGN PROVIDED BY OTHERS. THIS DESIGN MAY NOT NECESSARILY REFLECT A TYPICAL GROUNDING DESIGN BY PHR&A. PHR&A SHALL NOT BE HELD LIABLE IN THE EVENT DAMAGE OCCURS TO EQUIPMENT.

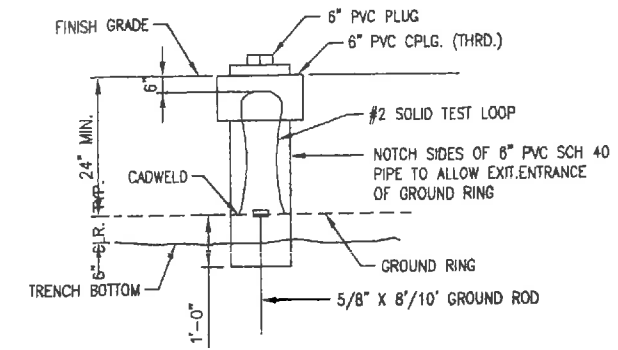


1 EQUIPMENT PAD GROUNDING LAYOUT
E-1 SCALE: N.T.S.

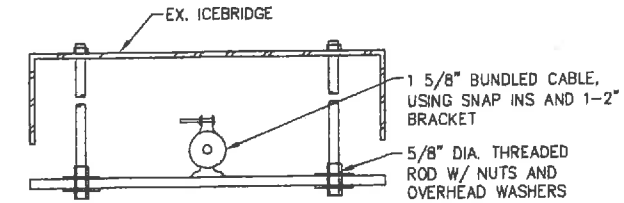


NOTE: POLYPHASERS MUST BE INSTALLED AT THE BASE OF THE ANTENNAS BEFORE ANY CABLE OR WEATHERSEAL IS ATTACHED.

2 CABLE RISER DIAGRAM
E-1 SCALE: N.T.S.

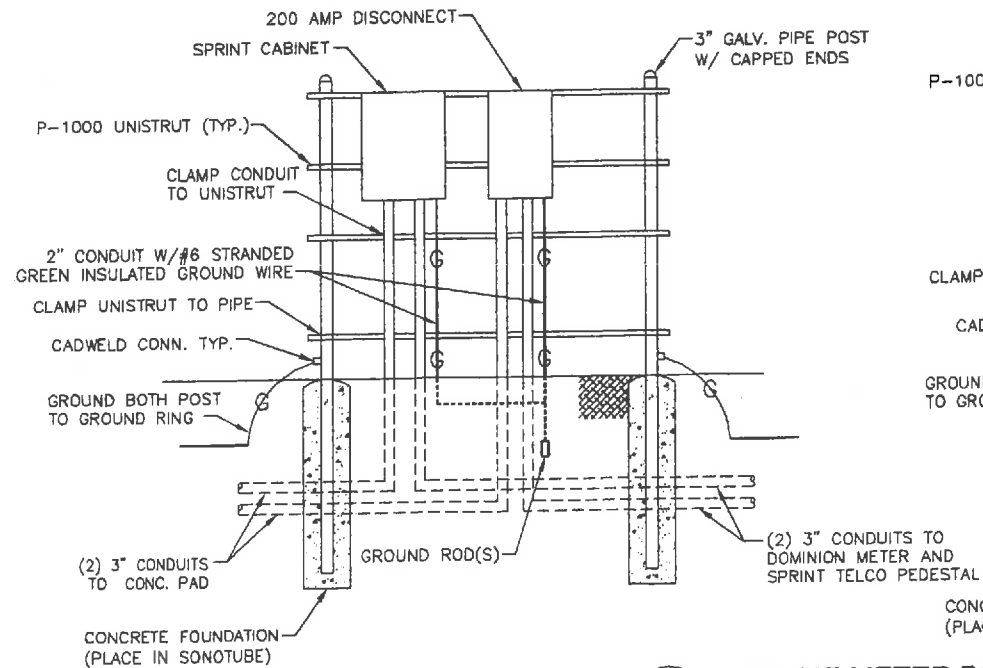


4 INSPECTION PORT
E-1 SCALE: N.T.S.



NOTE: VIEW-BACK TO EQUIPMENT LOOKING AT TOWER

5 SECTION
E-1 SCALE: N.T.S.



3 H-FRAME METER BOARD
E-1 SCALE: N.T.S.

PHR&A 1150 Shenandoah Village Dr.
P.O. Box 1328
Waynesboro, VA 22980
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Offices:
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RELEASE	DATE	BY
10/13/06	CONSTRUCTION	DRAWING

REVISIONS	NO.	DATE	DESCRIPTION
1	10/19/06	REVISED PER COMMENTS	

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DRAWN BY: J. FLAXMAN
CHECKED BY: J. RENO

SITE NAME

MAIN STREET

SITE NUMBER

CVP801

SITE ADDRESS

811 W MAIN STREET
CHARLOTTESVILLE, VA. 22911

SHEET TITLE

ELECTRICAL
DETAILS

SHEET NUMBER

E-1

PLOT SCALE: 1=20

