

IN RE: PETITION FOR SPECIAL HEARING	*	BEFORE THE
SW corner of Fredrick Road and		
Balfred Road	*	DEPUTY ZONING
1 st Election District		
1 st Councilmanic District	*	COMMISSIONER
(2021 Fredrick Road)		
	*	FOR BALTIMORE COUNTY
Stagco Corporation		
<i>Legal Owner</i>	*	
New Cingular Wireless PCS, LLC	*	CASE NO. 2009-0304-SPH
<i>Contract Lessee</i>		

* * * * *

FINDINGS OF FACT AND CONCLUSIONS OF LAW

This matter comes before this Deputy Zoning Commissioner for consideration of a Petition for Special Hearing filed by the legal property owners, Stagco Corporation, and the contract lessee, New Cingular Wireless PCS, LLC d/b/a AT&T Mobility, LLC (hereinafter "AT&T" or "Petitioner"). Petitioner requests Special Hearing relief in accordance with Section 500.7 of the Baltimore County Zoning Regulations (B.C.Z.R.) to approve an amendment to a 2005 Special Exception and Variance (Case No. 04-449-XA) in order to increase the height of an existing 95 foot stealth monopole by 24 feet, and to increase the length of an existing 20.3 foot by 32.8 foot fenced equipment compound by 17 feet, so that the final result will be a 119 foot stealth monopole inside of a 20.3 foot by 49.8 foot fenced equipment compound. The subject property and requested relief are more fully described on the site plan drawings which were marked and accepted into evidence as Petitioner's Exhibits 1A through 1E.

Appearing at the requisite public hearing in support of the requested special hearing relief was Linda Liebermann, Site Acquisition Coordinator and consultant to AT&T. Gregory E. Rapisarda, Esquire represented Petitioner. Also appearing in support of the requested relief were Paul Whitley, Land Use Specialist and consultant to AT&T, Mustaque Mohamed, Radio

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Frequency (RF) Engineer and consultant to AT&T, and Nick Berte with Dewberry Goodkind, Inc., the professional engineer who prepared the site plan drawings. There were no Protestants or other interested persons at the hearing.

Testimony and evidence offered revealed that the subject property consists of approximately 3.63 acres, more or less, zoned D.R.5.5. The property is located on the south side of Frederick Road at the southeast corner of Balfred Avenue in the Catonsville area of Baltimore County. Presently, the property is home to the Knights of Columbus Hall and an existing telecommunications facility. The telecommunications facility is set within an existing forest conservation easement in a heavily wooded area south of the Knights of Columbus Hall building and parking lot.

Further evidence indicated that AT&T's federal license requires it to provide coverage for wireless services in and around Baltimore County. Mr. Mohamed, AT&T's RF Engineer, testified that AT&T identified a coverage gap in the Catonsville area through customer complaints, a comprehensive analysis of dropped call data, and through the use of computer software designed to analyze AT&T's coverage to its customers and potential customers. Mr. Mohamed's extensive education and professional experience were detailed in his resume, which was marked and accepted into evidence as Petitioner's Exhibit 11, and he was accepted as an expert in radio frequency engineering and wireless network coverage.

Mr. Mohamed described the deficient coverage in the Catonsville area and described how AT&T created a "search ring" to identify where AT&T could place antennas to plug its coverage gap. A copy of the search ring was marked and accepted into evidence as Petitioner's Exhibit 2. Mr. Mohamed created a radio frequency coverage propagation map that illustrates AT&T's lack of coverage around the area of the subject property. Mr. Mohamed's expert testimony and the

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“existing coverage” propagation map that was marked and accepted into evidence as Petitioner’s Exhibit 4 clearly detailed AT&T’s need for coverage in the area. Once AT&T identified the coverage gap and created a search ring, it identified potentially suitable locations to place its antennas.

Ms. Liebermann, AT&T’s Site Acquisition Coordinator, testified that AT&T’s standard business practice for site identification and acquisition follow the County’s legislative policies -- namely, AT&T first seeks to co-locate its antennas on an existing structure. On this point, Ms. Liebermann testified that a 50 foot tall County-owned water tank on Frederick Road is the only existing structure in the search ring with the potential for co-location. Mr. Mohamed used the water tank’s coordinates and height to propagate potential coverage in the event AT&T co-located antennas on the water tank. Mr. Mohamed determined that co-location on the water tank was not viable because the water tank was too low for AT&T to meet its minimum coverage objective. Mr. Mohamed created a propagation map illustrating potential coverage resulting from co-location of antennas on the water tank. Mr. Mohamed’s testimony and this propagation map clearly illustrated that co-location on the water tank was not feasible. The propagation map reflecting the inadequate coverage from co-location on the water tank was marked and accepted into evidence as Petitioner’s Exhibit 7.

Ms. Liebermann also testified that AT&T could not locate any other existing structures within the search ring, but did identify three structures outside the search ring with a potential for co-location. Two towers owned by Baltimore Gas and Electric (“BG&E”) that have space for antennas at 85 feet are located outside and to the west of the search ring. Mr. Mohamed testified that he analyzed and evaluated the BG&E towers and determined that the towers’ distance from the search ring and the relatively low altitude of 85 feet made the BG&E towers non-viable

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candidates. To support his testimony, Mr. Mohamed provided RF coverage propagation maps that were marked and accepted into evidence as Petitioner's Exhibits 5 and 6, and which illustrate that AT&T would continue to lack adequate coverage despite co-locating antennas on either BG&E tower.

Ms. Liebermann then testified that just outside the search ring to the east is the existing 95 foot stealth monopole at the subject property. The 95 foot stealth monopole currently houses antennas for two carriers and there is space for additional antennas at 70 feet. Mr. Mohamed analyzed and evaluated the feasibility of co-locating antennas at 70 feet and determined that such co-location failed to satisfy AT&T's minimum coverage requirement. Mr. Mohamed provided a RF propagation map that was marked and accepted into evidence as Petitioner's Exhibit 8 and illustrates inadequate coverage with a 70 foot co-location.

After conducting an exhaustive effort to identify potential existing structures within and outside the search ring without success, Ms. Liebermann testified that AT&T investigated commercial and industrial properties and found none that were viable candidate for a new tower on a "raw land" site. Mr. Mohamed's testimony revealed that a 24 foot extension of the existing 95 foot monopole at the subject property would allow AT&T to meet its minimum coverage objective. Mr. Mohamed created and provided another RF propagation map illustrating adequate coverage when AT&T's antennas are placed within the top canister of a 24' extension on the monopole at the subject property. This map was marked and accepted into evidence as Petitioners' Exhibit 9.

Next, Mr. Berte, a licensed professional engineer with extensive experience in tower design and siting, testified that he is familiar with the subject parcel and prepared the Zoning Drawings that were accepted into evidence as Petitioner's Exhibits 1A through 1E. Mr. Berte was

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Mr. Berte indicated that AT&T conducted detailed surveys to determine the visual impact of the 24 foot extension. During the winter of 2008, he photographed the existing site from various points in the surrounding areas and then superimposed a 24 foot extension onto the photos of the existing 95 foot stealth monopole. This survey indicated minimal visual impact from the proposed extension. Mr. Berte conducted a second survey on August 3, 2009 by flying a large weather balloon at a height of 119 feet next to the existing tower. He stated that while the balloon was at a height of 119 feet, he drove at slow speeds throughout all of the surrounding neighborhoods to determine if and/or where the balloon was visible. He found that he could have taken hundreds of pictures from where the balloon was not visible, but his intention was to find locations where the balloon was visible. Mr. Berte took photographs from fourteen different locations throughout the area surrounding the subject property. The balloon was visible from five of the fourteen locations, and Mr. Berte created photo-simulations from those photographs. AT&T submitted a visual impact survey package that included a map of the fourteen photo locations and twenty-six pictures from winter 2008 and August 2009. Mr. Berte's testimony and this detailed package of photos that were collectively marked and accepted into evidence as Petitioner's Exhibit 13 provided substantial evidence that the visual impact, if any, of a 24 foot extension would be minimal.

Finally, on May 1, 2009, the Baltimore County Tower Review Committee ("TRC") issued a report that included the following determinations relating to AT&T's proposed 24 foot tower extension:

- AT&T successfully demonstrated that no other co-location opportunities exist at or near this location that would suffice in providing their requested coverage of the intended area.
- AT&T's proposed 24 foot extension would allow AT&T to co-locate its antennas inside the uppermost 12 foot canister, and allow an additional future carrier to co-locate antennas inside of the lower 12 foot canister.

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- There would be minimum visual impact in the area of the tower, and the extension of this existing stealth structure would be of less visual impact than the installation of a new structure in the area.

Ultimately, the TRC unanimously recommended approval of the 24 foot extension and found it would “meet all the requirements of Section 426 [of the Baltimore County Zoning Regulations], while allowing needed emergency and non-emergency communications for the citizens of the area.” The TRC Memorandum was marked and accepted into evidence as Petitioner’s Exhibit 10.

The Zoning Advisory Committee (ZAC) comments were received and are contained within the case file. Comments were received from the Office of Planning dated August 5, 2009 which indicates that when the existing tower was approved, the Zoning Commissioner required the tower to be painted a color as recommended by the Office of Planning to reduce its visibility to the extent possible (*See*, Order on Remand for Case No. 2004-0449-XA dated April 7, 2005). At a subsequent public meeting on the site, it was decided that the tower should be painted to match the color of the bark on the surrounding trees. The tower is currently painted a light brownish color that doesn’t closely match the tree bark color. If the tower extension is approved, the existing tower and the tower extension should be painted a darker brownish color to match the color of the bark on the surrounding trees.

Considering the testimony and evidence offered by Petitioner, including its need for coverage, detailed site identification practices, and analysis of alternative candidates, I am satisfied that a 24 foot extension to the existing 95 foot stealth monopole at the subject property is preferable to potentially constructing a new tower in the same general area. The weight of the evidence firmly establishes that the proposed 24 foot extension of the monopole and expansion of the equipment compound meet each of the relevant and applicable criteria of Sections 426 and 502.1 of the B.C.Z.R.

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Furthermore, I find that AT&T's proposal will have little impact on the surrounding community, and meets the County's requirements for a new tower, even though it is merely an extension. Therefore, I am persuaded to grant the Petition for Special Hearing to allow AT&T to extend the existing stealth monopole's height and the length of the compound as described in Petitioners' Exhibits 1A through 1E.

Pursuant to the advertisement, posting of the property, and public hearing on this Petition held, and after considering the testimony and evidence offered by Petitioner, I find that Petitioner's request for special hearing should be granted.

THEREFORE, IT IS ORDERED by the Deputy Zoning Commissioner for Baltimore County, this 21st day of September, 2009, that Petitioner's request for Special Hearing relief filed in accordance with Section 500.7 of the Baltimore County Zoning Regulations to approve an amendment to a 2005 Special Exception and Variance (Case No. 04-449-XA) in order to increase the height of an existing 95 foot stealth monopole by 24 feet, and to increase the length of an existing 20.3 foot by 32.8 foot fenced equipment compound by 17 feet, so that the final result will be a 119 foot stealth monopole inside of a 20.3 foot by 49.8 foot fenced equipment compound, be and is hereby GRANTED, subject to the following conditions:


1. Petitioner may apply for permits and be granted same upon receipt of this Order; however, Petitioner is hereby made aware that proceeding at this time is at its own risk until such time as the 30-day appellate process from this Order has expired. If, for whatever reason, this Order is reversed, Petitioner would be required to return, and be responsible for returning, said property to its original condition.
2. The existing tower and the tower extension shall be painted a color as recommended by the Office of Planning to reduce its visibility to the extent possible, such as a darker brownish color than the light brown color on the existing tower, to better match the color of the bark on the surrounding trees.

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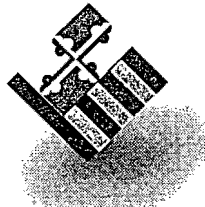
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Any appeal of this decision must be made within thirty (30) days of the date of this Order.


THOMAS H. BOSTWICK
Deputy Zoning Commissioner
for Baltimore County

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BALTIMORE COUNTY
M A R Y L A N D

JAMES T. SMITH, JR.
County Executive

THOMAS H. BOSTWICK
Deputy Zoning Commissioner

September 21, 2009

GREGORY E. RAPISARDA, ESQUIRE
SAUL EWING LLP
LOCKWOOD PLACE
500 EAST PRATT STREET
BALTIMORE MD 21202

Re: Petition for Special Hearing
Case No. 2009-0304-SPH
Property: 2021 Fredrick Road

Dear Mr. Rapisarda:

Enclosed please find the decision rendered in the above-captioned case.

In the event the decision rendered is unfavorable to any party, please be advised that any party may file an appeal within thirty (30) days from the date of the Order to the Department of Permits and Development Management. If you require additional information concerning filing an appeal, please feel free to contact our appeals clerk at 410-887-3391.

Very truly yours,

A handwritten signature in black ink, appearing to read "Th. H. Bostwick".

THOMAS H. BOSTWICK
Deputy Zoning Commissioner
for Baltimore County

THB:pz
Enclosure

- c: Linda Flannery-Liebermann, Site Acquisition Coordinator to AT&T, 9200 Berger Road, Columbia MD 21046
Mustaque Mohamed, 7150 Standard Drive, Hanover MD 20076
Nick Berte, Dewberry-Goodkind, Inc., Eastgate Business Center, 133 Gaither Drive, Suite F, Mt. Laurel, NJ 08054
Paul Whitley, 7380 Coca Cola Drive, Hanover MD 21076



Petition for Special Hearing

to the Zoning Commissioner of Baltimore County

for the property located at 2021 Frederick Road, Baltimore, MD
 which is presently zoned D.R.5.5 zoning district

(This petition **must** be filed in person, in the zoning office, in triplicate, with original signatures.)

This Petition shall be filed with the Department of Permits and Development Management. The undersigned, legal owner(s) of the property situate in Baltimore County and which is described in the description and plat attached hereto and made a part hereof, hereby petition for a Special Hearing under Section 500.7 of the Zoning Regulations of Baltimore County, to determine whether or not the Zoning Commissioner should approve
 (This box to be completed by planner)

Petition for Special Hearing to amend a 2005 Special Exception and Variance (#04-449XA) in order to increase the height of an existing 95' stealth monopole by 24' and to increase the length of an existing 20.3' W x 32.8' L fenced equipment compound by 17', so that the final result will be a 119' stealth monopole inside of a 20.3' W x 49.8' fenced equipment compound.

Property is to be posted and advertised as prescribed by the zoning regulations. I, or we, agree to pay expenses of above Special Hearing, advertising, posting, etc. and further agree to and are to be bound by the zoning regulations and restrictions of Baltimore County adopted pursuant to the zoning law for Baltimore County.

I/We do solemnly declare and affirm, under the penalties of perjury, that I/we are the legal owner(s) of the property which is the subject of this Petition.

Contract Purchaser/Lessee:

Name - Type or Print _____
 Signature _____
 Address _____ Telephone No. _____
 City _____ State _____ Zip Code _____

Attorney For Petitioner:

Gregory E. Rapisarda
 Name - Type or Print _____
[Signature]
 Signature _____
Saul Ewing LLP Suite 800
 Company _____
Baltimore 500 E. Pratt St 410-332-8963
 Address _____ Telephone No. _____
Baltimore MD 21202
 City _____ State _____ Zip Code _____

Legal Owner(s):

JOHN C. SZCZECINSKI
 Name - Type or Print _____
[Signature]
 Signature _____
JOHN MICHAEL FREDERICK
 Name - Type or Print _____
[Signature]
 Signature _____
2021 FREDERICK 410-747-3560
 Address _____ Telephone No. _____
CATONSVILLE MD 21228
 City _____ State _____ Zip Code _____

Representative to be Contacted:

Name _____
 Address _____ Telephone No. _____
 City _____ State _____ Zip Code _____

OFFICE USE ONLY

ESTIMATED LENGTH OF HEARING _____

Case No. 2009-0304-SPH

UNAVAILABLE FOR HEARING _____

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**Justification Statement Supporting AT&T's
Petition for Special Hearing to
Add a 24' Stealth Extension
to Existing 95' Stealth Monopole
Located at
2021 Frederick Road
Baltimore, Maryland**

I. AT&T's Goals and Lack of Existing Coverage

New Cingular Wireless PCS, LLC, d/b/a AT&T Mobility ("AT&T") is licensed by the Federal Communications Commission (FCC) to provide wireless telecommunications services in the Baltimore market area. There is currently a coverage gap in the area between Frederick Road and Old Frederick Road, west of North Rolling Road, in which services are either unavailable or extremely weak, causing problems ranging from a complete lack of access of coverage to "dropped" calls. AT&T has determined that to provide adequate minimum coverage, an additional site is needed west of Catonsville, to fill this gap. The propagation studies show a significant lack of coverage in the area and are attached.

II. Lack of Co-location Opportunities

AT&T conducted a search for a site in the area, specifically seeking existing structures on which to co-locate its antennas in order to meet its coverage objectives. The area is residential, and there are few co-location opportunities. The existing 95' stealth monopole at 2021 Frederick Road, Baltimore, Maryland (the "Site") has no available RAD centers. An empty RAD center at 55' has been reserved by a future carrier, and is too low for AT&T to meet its minimum coverage objectives. AT&T also considered three other existing structures, a Baltimore County-owned water tank, and two BGE transmission towers. These existing structures were ruled out for technical reasons including height and proximity to existing antennas installations. There are no alternative locations in commercial zones. See attachment, "Alternate Candidate Locations for Oella."

III. The Existing Tower and Zoning Background

At present, the Site is improved with a 95' tall stealth monopole that sits within a 20.3' x 32.8' fenced equipment compound. The existing 95' stealth monopole was built after the County granted special exception and variance relief in 2005 (Case #04-449XA). The special exception was granted to construct a telecommunications facility in a D.R.5.5 zoning district. The variance was granted to allow a side yard setback of 73' in lieu of the required 200'. The existing stealth monopole was originally owned by Sprint and is now owned by TowerCo.

IV. The Proposed Extension

AT&T seeks to extend the existing stealth monopole by 24', which will allow AT&T to locate six new antennas at a centerline of 110' and 116', and allow for a future carrier to co-locate antennas. The 24' extension consists of two 12' canisters that will extend the



total height and conceal AT&T's six antennas. The existing pole measures 26.625" in diameter and the new canisters measure 30" in diameter.

AT&T also proposes to extend the existing 20.3' x 32.8' compound by 17'. The enlarged compound will be screened by a fence and landscaping that will match the existing screening. Additionally, the extended compound will meet all setback requirements and does not extend into the side yard governed by the existing variance.

AT&T seeks a special hearing to amend the special exception to allow a 24' stealth extension of the existing 95' stealth monopole, and, if necessary, a special hearing to amend the variance in order to allow for the additional 1.69" radius as a result of the extension's canister design. AT&T will work with all the community groups and neighbors who were consulted about the original tower.

V. AT&T's proposal is consistent with § 426 of the Baltimore County Zoning Ordinance:

§ 426.2 Legislative policy for siting of wireless telecommunications antennas and towers.

It is the intent of Baltimore County that:

- A. Antennas should be placed on existing towers, buildings and structures, including those of public utilities, where feasible; and
 - ***AT&T is proposing to co-locate on an existing tower by means of an extension to raise their antennas to a height that meets AT&T objectives.***
- B. If a new tower must be built, the tower should be:
 - 1. Constructed to accommodate at least three providers;
 - ***The existing tower holds 3 carriers, and AT&T's proposed extension will allow an additional 2 carriers so that the new stealth monopole will provide space for up to 5 carriers.***
 - 2. Erected in a medium- or high-intensity commercial zone when available; and
 - ***The existing tower is located in a residential zone.***
 - 3. Located and designed to minimize its visibility from residential and transitional zones.
 - ***The existing tower was designed to minimize visibility from residential and transitional zones. The proposed extension is the minimum height required to fulfill AT&T's coverage objectives without building a new tower.***

§ 426.3. – N/A



§ 426.4. Tower Review Committee

- ***Please refer to attached Tower Review Committee Approval.***

A. There is a Tower Review Committee in Baltimore County.

B. The Committee shall consist of:

1. A Tower Coordinator, who shall have technical expertise regarding the siting of wireless telecommunications towers and shall serve as committee chairperson;
2. The Director of the Office of Planning or the Director's designee;
3. The Director of the Office of Information Technology or the Director's designee;
4. An at-large citizen representative appointed by the County Council; and
5. Depending on the particular site for a tower, representatives of other governmental agencies as determined by the Tower Coordinator.

C. An applicant for a building permit for an antenna shall submit a duplicate copy of the permit application to the Tower Coordinator.

D. In addition to any other fees required, an applicant for a building permit or a special exception shall pay a separate processing fee to the County. The County Administrative Officer shall establish the amount of the fee.

E. Committee review.

1. Prior to submitting a petition for a special exception or an application for a building permit for a tower, a petitioner or an applicant shall meet with the Committee. The Committee shall meet with the petitioner or the applicant within 45 days after a written request for a meeting is submitted.
2. The petitioner or the applicant shall submit to the Committee:
 - a. Information detailing the maximum number of providers and antennas the proposed tower can support.
 - b. Any other relevant technical information requested by the Committee.
3. The Committee shall review the information submitted by the petitioner or the applicant and evaluate the proposed tower with regard to the legislative policy under Section 426.2.
4. The Committee may provide advisory comments to the Zoning Commissioner or the Code Official concerning the proposed tower.



§ 426.5. Location and height restrictions for wireless telecommunications towers and antennas.

In this section, the following words have the meanings indicated:

- A. "R" means by right.
- B. "SE" means by special exception.
- C. The column for antennas refers to antennas located on a tower, building or structure legally existing prior to the installation of the antenna even if the tower, building or structure was approved by special exception.
 - ***The panel antennas are H-54".5" x W-10.3" x D-5.9" which is less than the allowable size in a DR zoning district.***
- D. The height of a tower is measured from the base of the tower to the tip of the tower or the tip of the highest antenna on the tower, whichever distance is greater.
 - ***Towers less than 200' high located in a Residential Zone require a special exception. The existing tower is 95'. AT&T is proposing to add a 24' extension for a proposed overall height of 119'.***

§ 426.6. Setback requirements for wireless telecommunications towers.

A. Setbacks.

- 1. A tower shall be set back at least 200 feet from any other owner's residential property line.
 - ***A Variance was granted in Case #04-449XA to permit a side yard setback of 73' in lieu of the required 200'. AT&T is seeking a Variance to accommodate their proposed installation.***
- 2. A structure housing equipment for a tower shall meet the minimum setback requirements from any other owner's property or zone line.
 - ***The proposed compound extension will not extend into the required setback, and will not extend into the setback that was subject to the previous variance. See ZDs.***
- 3. Notwithstanding the provisions of Section 102.2 of these regulations, if multiple structures housing equipment for a tower are located on the same owner's property, a yard or setback is not required between the structures.
 - ***AT&T's equipment will be located on the same owner's property as the tower.***

B. Except as required by the Federal Aviation Administration:

- 1. Stroboscopic lights are not permitted on a tower.



- **No lighting is proposed as part of AT&T's application.**
- 2. The tower, antenna and supporting lines shall be neutral in color.
- **The existing tower color is neutral and the proposed extension will match the existing color. The proposed antenna and supporting lines will be located on the interior of the tower.**

C. If a tower is located in a residential or transitional zone, any structure housing equipment for the tower shall be:

1. Screened in accordance with the Landscape Manual, Class "A" screening requirements.
2. Faced with a material compatible with buildings or structures surrounding the tower.

- **The proposed landscaping and stockade fencing matches the aesthetics of the existing screening at this facility.**

D. Upon completion of a tower and every five years after the date of completion, the owner of the tower shall submit to the Code Official written certification from a professional engineer verifying that the tower and any structure housing equipment for the tower meets all applicable Building Code and safety requirements.

- **These items are applicable to the tower owner. AT&T does not own the existing tower.**

E. The owner of a tower shall submit annually to the Tower Coordinator written certification of the number of providers and antennas on the tower.

- **These items are applicable to the tower owner. AT&T does not own the existing tower.**

§ 426.7. Security bond.

- **These items are applicable to the tower owner. AT&T does not own the existing tower.**

A. An applicant for a building permit for a tower shall provide:

1. A security bond in an amount not to exceed \$40,000 and a term not to exceed 25 years; or
2. A fee not to exceed \$5,000.

B. The Administrative Officer shall determine the form and amount of the bond or fee in accordance with § 3-1-202 of the Baltimore County Code.

C. The Code Official may use the bond or fee to procure repair of unsafe or hazardous conditions under Section 426.8 or removal of a tower under Section 426.10 in accordance with § 3-6-402 of the Baltimore County Code.



§ 426.8. Unsafe or hazardous conditions.

- ***These items are applicable to the tower owner. AT&T does not own the existing tower.***

A. The owner of a tower and any structure housing equipment for the tower shall maintain the tower and any structure in good working condition and correct any unsafe or hazardous conditions, which may include:

1. Conditions caused by vandalism.
2. Flaking or worn exterior paint.
3. Illegal or improper occupancy of the tower or structure.

B. The provisions of this section shall be enforced in accordance with Article 3, Title 6 of the Baltimore County Code.

§ 426.9. Additional conditions for towers permitted by exception.

Towers permitted by special exception shall meet the requirements of this section.

A. A petitioner shall have the burden of demonstrating that:

1. The petitioner has made a diligent attempt to locate the antenna on an existing tower or nonresidential building or structure;
- ***AT&T first sought to co-locate on the existing tower but the available height would not meet AT&T's coverage objectives for the area. AT&T also considered a Baltimore County-owned water tank and two BGE transmission towers but none of these sites met AT&T's coverage needs. The area is residential and there are few co-location opportunities. There are no alternative locations in commercial zones. Please see attachment "Alternate Candidate Locations for Oella."***
2. Due to the location, elevation, engineering, technical feasibility or inability to obtain a lease or ownership of a location elsewhere, the construction of a tower at the proposed location is warranted;
- ***This item does not apply since AT&T is proposing to extend an existing tower.***
3. To the extent technically feasible, the tower has been designed to accommodate antennas of at least two other providers; and
- ***The proposed extension will accommodate AT&T and a future provider. Sprint, T-Mobile and Nextel are current providers located on the existing tower.***
4. The height of the tower is no higher than what is required to enable present and future co-location of other providers.
- ***The height of the proposed 24' extension will enable AT&T and a future carrier to collocate on the tower.***



B. The Zoning Commissioner shall review the petitioner's submittal with regard to the legislative policy under Section 426.2.

C. In a residential or transitional zone, a tower shall meet the following additional requirements:

1. A petitioner shall have the burden of demonstrating that:

a. There is no available, suitable site for the tower in a medium or high intensity commercial zone, identifying with particularity any sites considered; or

- ***The area is residential and there are no other co-location opportunities that meet AT&T's coverage objectives. There are no alternative locations in commercial zones.***

b. Due to topographical or other unique features, the proposed site is more consistent with the legislative policy under Section 426.2 than a site in an available medium or high intensity commercial zone.

- ***Unique features include existing tower, quasi-commercial use of property, 3.5 acre parcel, and existing and minimally visible access road.***

2. A tower in an R.C. Zone shall be located on a lot of at least five acres. In all other residential or transitional zones, a tower shall be located on a lot of at least three acres.

- ***The existing tower is located on a lot that is 3.5 acres in a DR5.5 residential zone.***

3. In granting a special exception, the Zoning Commissioner, or Board of Appeals upon appeal, shall impose conditions or restrictions as provided in Section 502.2. In addition, the Commissioner shall require that the tower be disguised as a structure or natural formation, such as a flagpole, steeple or tree, which is found, or likely to be found, in the area of the tower unless the Commissioner finds that the requirement is not reasonable or advisable for the protection of properties surrounding the tower.

§ 426.10. Removal of towers.

- ***These items are applicable to the tower owner. AT&T does not own the existing tower.***

A. The Code Official may issue a citation to the owner for removal of a tower, including all aboveground structures, equipment and paving, if:

1. The Code Official determines that the tower has not been in actual and continuous use for 12 consecutive months;

2. The owner has failed to correct an unsafe or hazardous condition under Section 426.8 within the time prescribed in a correction notice issued by the Code Official; or

3. The owner has notified the Code Official that use of the tower has terminated.



B. A special exception for the operation of a tower becomes void upon a final order of the Code Official for removal of the tower.

C. The provisions of this subsection shall be enforced in accordance with Article 3; Title 6 of the Baltimore County Code. The provisions of this subsection shall be enforced in accordance with Article 3, Title 6 of the Baltimore County Code.

D. Failure to comply with order.

1. The Code Official may procure compliance in accordance with § 3-6-402 of the Baltimore County Code, if the owner fails to comply with a final order to remove the tower.

2. Expenses for removal of a tower which exceed the amount of any security bond posted under Section 426.7 shall become a lien on the property of the owner.

§ 426.11. Variances.

The Zoning Commissioner, and Board of Appeals upon appeal, may grant a variance to a height or area requirement, including any setback, for a tower or structure housing equipment for a tower in accordance with Section 307 of these regulations.

VI. Conclusion

AT&T respectfully requests that Baltimore County grant the special hearing relief sought. If you need further information, please contact our zoning attorney Gregory Rapisarda at 410-332-8963.

Zoning Description

BEGINNING FOR THE FIRST ON THE SOUTHEASTERN SIDE OF FREDERICK ROAD AT A POINT SOUTH 69 DEGREES 35 MINUTES WEST 244.7 FEET FROM THE END OF THE EIGHTH LINE OF THE TRACT CONTAINING 6.15 ACRES CONVEYED BY ELI L. FISHPAW AND WIFE TO GEORGE S. CLARK BY DEED RECORDED AMONG THE LAND RECORDS OF BALTIMORE COUNTY IN LIBER W.P.C. NO. 658 FOLIO 510, AND RUNNING THENCE IN THE CENTRE OF AN AVENUE 30 FEET WIDE TO BE LEFT OPEN FOR A DISTANCE OF 100 FEET FOR USE OF THE LOT NOW BEING DESCRIBED AND OF A LOT ADJOINING IT ON THE EAST, SOUTH 7 DEGREES 14 MINUTES WEST 539.15 FEET, THENCE NORTH 82 DEGREES 46 MINUTES WEST 75.25 FEET TO THE EASTERN SIDE OF BALFRED AVENUE, THENCE BOUNDING ON THE SIDE OF SAID AVENUE NORTH 17 DEGREES 18 MINUTES WEST 82.50 FEET, THENCE STILL BINDING ON THE SIDE OF SAID AVENUE NORTH 1 DEGREE 31 MINUTES WEST 382.3 FEET T THE SOUTHEASTERN SIDE OF FREDERICK ROAD AND THENCE BOUNDING THERON NORTH 69 DEGREES 35 MINUTES EAST 186 FEET TO THE PLACE OF BEGINNING CONTAINING 1.52 ACRES OF LAND, MORE OR LESS.

BEGINNING FOR THE SECOND ON THE SOUTHEASTERLY SIDE OF FREDERICK ROAD COMMENCING AT A POINT ON THE SAID SOUTHEASTERLY SIDE OF FREDERICK ROAD AT THE DISTANCE OF 356.90 FEET FROM A CERTAIN IRON PIPE INBEDDED AT THE POINT OF INTERSECTION OF THE WESTERLY SIDE OF MORERICKS AVENUE AND THE SOUTHEASTERLY SIDE OF FREDERICK ROAD AND THENCE EXTENDING SOUTHWESTERLY ALONG THE SOUTHEASTERLY SIDE OF SAID FREDERICK ROAD 169.70 FEET TO A POINT MARKED BY A CERTAIN IRON PIPE, THENCE SOUTHERLY 539.15 FEET TO AN IRON PIPE AND THENCE EASTERLY 150.32 FEET TO A POINT WHICH IS 316.43 FEET FROM THE WESTERLY SIDE OF MORERICKS AVENUE AFOREMENTIONED AND THENCE NORTHERLY ON A LINE PARALLEL WITH SAID MORERICKS AVENUE 617.90 FEET MORE OR LESS TO THE PLACE OF BEGINNING; SUBJECT. HOWEVER, TO A CERTAIN EASEMENT 15 FEET IN WIDTH MEASURE EASTWARDLY FROM THE SECOND LINE HEREIN BEFORE MENTIONED AND EXTENDING OF THAT WIDTH IN LENGTH OR DEPTH SOUTHWARDLY FROM FREDERICK ROAD ALONG SAID LINE 150 FEET.



BALTIMORE COUNTY, MARYLAND
OFFICE OF BUDGET AND FINANCE
MISCELLANEOUS CASH RECEIPT

No. **39810**

Date: 5/21/09

PAID RECEIPT

BUSINESS ACTUAL TIME DATE
 5/21/2009 5/21/2009 11:59:58
 5 MARKS MALVIN DRAB. TND
 RECEIPT N 489711 5/21/2009 11:59:58
 DEPT 5 SOA ZONING VERIFICATION
 NO. 39810
 Recpt Tot. \$325.00
 \$325.00 CR \$ 0.00 CB
 Baltimore County, Maryland

Fund	Dept	Unit	Sub Unit	Rev Source/Obj	Sub Rev/Obj	Dept Obj	BS Acct	Amount
001	806	0000			6050			325.00

Total: 325.00

Rec: Bechtel Corp

For: 2021 Frederick Rd 2000-0304-SPH

DISTRIBUTION
 WHITE - CASHIER PINK - AGENCY YELLOW - CUSTOMER GOLD - ACCOUNTING
PLEASE PRESS HARD!!!!

**CASHIER'S
 VALIDATION**

NOTICE OF ZONING HEARING

The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County will hold a public hearing in Towson, Maryland on the property identified herein as follows:

Case: # 2009-0304-SPH

2021 Frederick Road

S/west corner of Frederick Road and Balfred Road

1st Election District — 1st Councilmanic District

Legal Owners: John Szczecinski and John Michael Frederick

Lessee: New Cingular Wireless PCS, LLC, d/b/c AT&T Mobility

Special Hearing: to amend a 2005 Special Exception and Variance (04-449-XA) in order to increase the height of an existing 95 feet stealth monopole by 24 feet and to increase the length of an existing 20.3W x 32.8L feet fence equipment compound by 17 feet, so that the final result will be a 119 feet stealth monopole inside of a 20.3W x 49.8 feet fenced equipment compound.

Hearing: Friday, July 17, 2009 at 10:00 a.m. in Room 104, Jefferson Building, 105 West Chesapeake Avenue, Towson 21204.

WILLIAM J. WISEMAN, III

Zoning Commissioner for Baltimore County

NOTES: (1) Hearings are Handicapped Accessible; for special accommodations Please Contact the Zoning Commissioner's Office at (410) 887-4386.

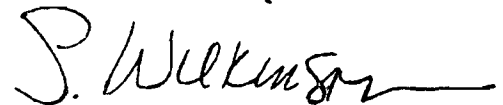
(2) For information concerning the File and/or Hearing, Contact the Zoning Review Office at (410) 887-8391.
7/025 July 2 204802

CERTIFICATE OF PUBLICATION

7/21, 2009

THIS IS TO CERTIFY, that the annexed advertisement was published in the following weekly newspaper published in Baltimore County, Md., once in each of 1 successive weeks, the first publication appearing on 7/21, 2009.

- The Jeffersonian
- Arbutus Times
- Catonsville Times
- Towson Times
- Owings Mills Times
- NE Booster/Reporter
- North County News



LEGAL ADVERTISING

NOTICE OF ZONING HEARING

The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County will hold a public hearing in Towson, Maryland on the property identified herein as follows:

Case: # 2009-0304-SPH

2021 Frederick Road

S/west corner of Frederick Road and Balfred Road

1st Election District — 1st Councilmanic District

Legal Owners: John Szczecinski and John Michael Frederick

Lessee: New Cingular Wireless PCS, LLC, d/b/c AT&T Mobility

Special Hearing: to amend a 2005 Special Exception and Variance (04-449-XA) in order to increase the height of an existing 95 feet stealth monopole by 24 feet and to increase the length of an existing 20.3W x 32.8L feet fence equipment compound by 17 feet, so that the final result will be a 119 feet stealth monopole inside of a 20.3W x 49.8 feet fenced-equipment compound.

Hearing: Monday, August 10, 2009 at 11:00 a.m. in Room 104, Jefferson Building, 105 West Chesapeake Avenue, Towson 21204.

WILLIAM J. WISEMAN, III

Zoning Commissioner for Baltimore County.

NOTES: (1) Hearings are Handicapped Accessible; for special accommodations Please Contact the Zoning Commissioner's Office at (410) 887-4386.

(2) For Information concerning the File and/or Hearing, Contact the Zoning Review Office at (410) 887-3391.

7/484 July 23

206463

CERTIFICATE OF PUBLICATION

7/23/2009

THIS IS TO CERTIFY, that the annexed advertisement was published in the following weekly newspaper published in Baltimore County, Md., once in each of 1 successive weeks, the first publication appearing on 7/23/2009.

- The Jeffersonian
- Arbutus Times
- Catonsville Times
- Towson Times
- Owings Mills Times
- NE Booster/Reporter
- North County News

J. Wilkinson

LEGAL ADVERTISING

DEPARTMENT OF PERMITS AND DEVELOPMENT MANAGEMENT
ZONING REVIEW

ADVERTISING REQUIREMENTS AND PROCEDURES FOR ZONING HEARINGS

The Baltimore County Zoning Regulations (BCZR) require that notice be given to the general public/neighboring property owners relative to property which is the subject of an upcoming zoning hearing. For those petitions which require a public hearing, this notice is accomplished by posting a sign on the property (responsibility of the petitioner) and placement of a notice in a newspaper of general circulation in the County, both at least fifteen (15) days before the hearing.

Zoning Review will ensure that the legal requirements for advertising are satisfied. However, the petitioner is responsible for the costs associated with these requirements. The newspaper will bill the person listed below for the advertising. This advertising is due upon receipt and should be remitted directly to the newspaper.

OPINIONS MAY NOT BE ISSUED UNTIL ALL ADVERTISING COSTS ARE PAID.

For Newspaper Advertising:

Item Number or Case Number: 2009-0304-SPH
Petitioner: New Cingular Wireless PCS, LLC d/b/a AT&T Mobility
Address or Location: 2021 Frederick Rd

PLEASE FORWARD ADVERTISING BILL TO:

Name: Linda Flannery - Liebermann
Address: 9200 Berger Road
Columbia MD 21046
Telephone Number: 410-926-6528

CERTIFICATE OF POSTING

RE: 2009-0304-SPH

Petitioner Developer:
John Szczecinski and John Michael Fredrick / New Cingular Wireless PCS, LLC

Date of Hearing/closing August 10 2009

Baltimore County Department of
Permits and Development Management
County Office Building, Room 111
111 West Chesapeake Avenue
Towson, Maryland 21204

Attn; Kristin Matthews,

Ladies and Gentlemen:

This letter is to certify under the penalties of perjury that the necessary sign(s) required by law were posted conspicuously on the property located at, 2021 Fredrick Road S/West corner of Fredrick Road and Balfred road

The sign(s) were posted on July 25, 2009
(Month, Day, Year)

Sincerely,

Robert Black

(Signature of Sign Poster)

July 30 2009
(Date)

SSG Robert Black

(Print Name)

1508 Leslie Road

(Address)

Dundalk, Maryland 21222

(City, State, Zip Code)

(410) 282-7940

(Telephone Number)

ZONING NOTICE

CASE # 2009-0304-SPH

A PUBLIC HEARING WILL BE HELD BY
THE ZONING COMMISSIONER
IN TOWSON, MD

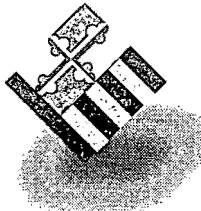
PLACE: Room 104, JEFFERSON BUILDING 21294
105 WEST CHESAPEAKE AVE. TOWSON

DATE AND TIME: MONDAY, AUGUST 10, 2009 AT 11:00 A.M.

REQUEST: SPECIAL HEARING TO AMEND A 2005 SPECIAL
EXCEPTION AND VARIANCE (04-449-XA) IN ORDER TO
INCREASE THE HEIGHT OF AN EXISTING 95 FEET STRENGTH MONO-
POLE BY 24 FEET AND TO INCREASE THE LENGTH OF AN EXISTING
20.3 W X 32.8L FENCE EQUIPMENT COMPOUND BY 17 FEET, SO
THAT THE FINAL RESULT WILL BE A 119 FEET STRENGTH MONOPOLE
INSIDE OF A 20.3 W X 49.8 FEET FENCED EQUIPMENT COMPOUND.

POSTPONEMENTS DUE TO WEATHER OR OTHER CONDITIONS ARE SOMETIMES NECESSARY.
TO CONTINUE HEARING CALL 827-2221

DO NOT REMOVE THIS SIGN AND POST UNTIL DAY OF HEARING UNDER PENALTY OF LAW
HANDICAPPED ACCESSIBLE



BALTIMORE COUNTY
M A R Y L A N D

JAMES T. SMITH, JR.
County Executive

July 15, 2009
TIMOTHY M. KOTROCO, *Director*
Department of Permits and
Development Management

NEW NOTICE OF ZONING HEARING

The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County, will hold a public hearing in Towson, Maryland on the property identified herein as follows:

CASE NUMBER: 2009-0304-SPH

2021 Frederick Road
S/west corner of Frederick Road and Balfred Road
1st Election District – 1st Councilmanic District
Legal Owners: John Szczecinski and John Michael Frederick
Lessee: New Cingular Wireless PCS, LLC, d/b/c AT & T Mobility

Special Hearing to amend a 2005 Special Exception and Variance (04-449-XA) in order to increase the height of an existing 95 feet stealth monopole by 24 feet and to increase the length of an existing 20.3W x 32.8L feet fence equipment compound by 17 feet, so that the final result will be a 119 feet stealth monopole inside of a 20.3W x 49.8 feet fenced equipment compound.

Hearing: Monday, August 10, 2009 at 11:00 a.m. in Room 104, Jefferson Building,
105 West Chesapeake Avenue, Towson 21204

Handwritten signature of Timothy Kotroco in black ink.

Timothy Kotroco
Director

TK:klm

C: Gregory Rapisarda, 500 East Pratt St., Ste. 800, Baltimore 21202
Mr. Szczecinski, Mr. Frederick, 2021 Frederick Road, Catonsville 21228

- NOTES: (1) **THE PETITIONER MUST HAVE THE ZONING NOTICE SIGN POSTED BY AN APPROVED POSTER ON THE PROPERTY BY SATURDAY, JULY 25, 2009.**
- (2) HEARINGS ARE HANDICAPPED ACCESSIBLE; FOR SPECIAL ACCOMMODATIONS PLEASE CALL THE ZONING COMMISSIONER'S OFFICE AT 410-887-4386.
- (3) FOR INFORMATION CONCERNING THE FILE AND/OR HEARING, CONTACT THE ZONING REVIEW OFFICE AT 410-887-3391.

TO: PATUXENT PUBLISHING COMPANY
Thursday, July 23, 2009 Issue - Jeffersonian

Please forward billing to:

Linda Flannery-Lieberman
9200 Berger Road
Columbia, MD 21046

410-926-6528

NOTICE OF ZONING HEARING

The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County, will hold a public hearing in Towson, Maryland on the property identified herein as follows:

CASE NUMBER: 2009-0304-SPH

2021 Frederick Road

S/west corner of Frederick Road and Balfred Road

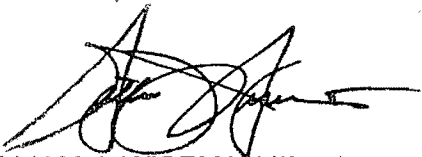
1st Election District – 1st Councilmanic District

Legal Owners: John Szczecinski and John Michael Frederick

Lessee: New Cingular Wireless PCS, LLC, d/b/c AT & T Mobility

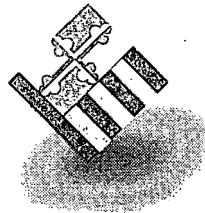
Special Hearing to amend a 2005 Special Exception and Variance (04-449-XA) in order to increase the height of an existing 95 feet stealth monopole by 24 feet and to increase the length of an existing 20.3W x 32.8L feet fence equipment compound by 17 feet, so that the final result will be a 119 feet stealth monopole inside of a 20.3W x 49.8 feet fenced equipment compound.

Hearing: Monday, August 10, 2009 at 11:00 a.m. in Room 104, Jefferson Building,
105 West Chesapeake Avenue, Towson 21204



WILLIAM J. WISEMAN III
ZONING COMMISSIONER FOR BALTIMORE COUNTY

- NOTES: (1) HEARINGS ARE HANDICAPPED ACCESSIBLE; FOR SPECIAL ACCOMODATIONS, PLEASE CONTACT THE ZONING COMMISSIONER'S OFFICE AT 410-887-4386.
- (2) FOR INFORMATION CONCERNING THE FILE AND/OR HEARING, CONTACT THE ZONING REVIEW OFFICE AT 410-887-3391.



BALTIMORE COUNTY
M A R Y L A N D

JAMES T. SMITH, JR.
County Executive

June 18, 2009
TIMOTHY M. KOTROCO, *Director*
Department of Permits and
Development Management

NOTICE OF ZONING HEARING

The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County, will hold a public hearing in Towson, Maryland on the property identified herein as follows:

CASE NUMBER: 2009-0304-SPH

2021 Frederick Road

S/west corner of Frederick Road and Balfred Road

1st Election District – 1st Councilmanic District

Legal Owners: John Szczecinski and John Michael Frederick

Lessee: New Cingular Wireless PCS, LLC, d/b/c AT & T Mobility

Special Hearing to amend a 2005 Special Exception and Variance (04-449-XA) in order to increase the height of an existing 95 feet stealth monopole by 24 feet and to increase the length of an existing 20.3W x 32.8L feet fence equipment compound by 17 feet, so that the final result will be a 119 feet stealth monopole inside of a 20.3W x 49.8 feet fenced equipment compound.

Hearing: Friday, July 17, 2009 at 10:00 a.m. in Room 104, Jefferson Building,
105 West Chesapeake Avenue, Towson 21204

A handwritten signature in black ink that reads "Timothy Kotroco".

Timothy Kotroco
Director

TK:klm

C: Gregory Rapisarda, 500 East Pratt St., Ste. 800, Baltimore 21202
Mr. Szczecinski, Mr. Frederick, 2021 Frederick Road, Catonsville 21228

- NOTES: (1) **THE PETITIONER MUST HAVE THE ZONING NOTICE SIGN POSTED BY AN APPROVED POSTER ON THE PROPERTY BY THURSDAY, JULY 2, 2009.**
- (2) HEARINGS ARE HANDICAPPED ACCESSIBLE; FOR SPECIAL ACCOMMODATIONS PLEASE CALL THE ZONING COMMISSIONER'S OFFICE AT 410-887-4386.
- (3) FOR INFORMATION CONCERNING THE FILE AND/OR HEARING, CONTACT THE ZONING REVIEW OFFICE AT 410-887-3391.

TO: PATUXENT PUBLISHING COMPANY
Thursday, July 2, 2009 Issue - Jeffersonian

Please forward billing to:

Linda Flannery-Lieberman
9200 Berger Road
Columbia, MD 21046

410-926-6528

NOTICE OF ZONING HEARING

The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County, will hold a public hearing in Towson, Maryland on the property identified herein as follows:

CASE NUMBER: 2009-0304-SPH

2021 Frederick Road

S/west corner of Frederick Road and Balfred Road

1st Election District – 1st Councilmanic District

Legal Owners: John Szczecinski and John Michael Frederick

Lessee: New Cingular Wireless PCS, LLC, d/b/c AT & T Mobility

Special Hearing to amend a 2005 Special Exception and Variance (04-449-XA) in order to increase the height of an existing 95 feet stealth monopole by 24 feet and to increase the length of an existing 20.3W x 32.8L feet fence equipment compound by 17 feet, so that the final result will be a 119 feet stealth monopole inside of a 20.3W x 49.8 feet fenced equipment compound.

Hearing: Friday, July 17, 2009 at 10:00 a.m. in Room 104, Jefferson Building,
105 West Chesapeake Avenue, Towson 21204



WILLIAM J. WISEMAN III
ZONING COMMISSIONER FOR BALTIMORE COUNTY

- NOTES: (1) HEARINGS ARE HANDICAPPED ACCESSIBLE; FOR SPECIAL ACCOMODATIONS, PLEASE CONTACT THE ZONING COMMISSIONER'S OFFICE AT 410-887-4386.
- (2) FOR INFORMATION CONCERNING THE FILE AND/OR HEARING, CONTACT THE ZONING REVIEW OFFICE AT 410-887-3391.

1304
104

JULY **17** FRIDAY

2009 198th day - 167 days follow

CASE NUMBER: 2009-0315-A

Location: S side of Liberty Road; 350 feet NW of Falls Run Road.
2nd Election District, 4th Councilmanic District
Legal Owner: Nadine Knoche

VARIANCE 1) To minimum 1 feet side yard setback in lieu of the required 50 feet where existing non-conforming setback is 19.4 feet; and 2) To permit minimum 13 feet front yard setback in lieu of required 50 feet where existing non-conforming setback is 25 feet; and 3) To permit minimum 8 feet setback in front yard for existing carport in lieu of the required 37.5 feet; and 4) To confirm that no variances are required.

Hearing: Friday, 7/17/2009 at 9:00 AM, Jefferson Building, 105 West Chesapeake Avenue, Room 104, Towson, MD 21204

CASE NUMBER: 2009-0304-SPH

2021 Fredrick Rd
Location: South West corner of Fredrick Road and Balfred Road.
1st Election District, 1st Councilmanic District
Legal Owner: John Szczecinski & John Fredrick

SPECIAL HEARING 1) To amend a 2005 Special Exception and Variance (#04-449-XA) in order to increase the height of an existing 95 feet stealth monopole by 24 feet; 2) To increase the length of an existing 20.3W x 32.8L feet fence equipment compound by 17 feet, so that the final result will be a 119 feet stealth monopole inside of a 20.3W x 49.8 feet fenced equipment compound.

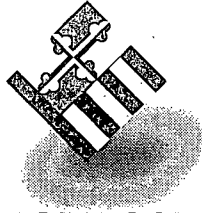
Hearing: Friday, 7/17/2009 at 10:00:00 AM Jefferson Building, 105 West Chesapeake Avenue, Room 104, Towson, MD 21204

CASE NUMBER: 2009-0305-A

Reisterstown Rd
Location: West side of Reisterstown Road; South West corner of Reisterstown Road & Sudbrook Lane.
3rd Election District, 2nd Councilmanic District
Legal Owner: LAT, LLC

VARIANCE 1) To permit a front yard setback of 0 feet in lieu of 10 feet required; 2) To permit a side yard setback on a street corner side of 0 feet in lieu of 10 feet required; 3) To permit 25 parking spaces in lieu of 33 required; 4) To permit a setback of 1 foot from a parking space to the right-of-way line of a public street in lieu of 10 feet required; 5) and for such other relief as may be consistent with the requirements of the Design Review Panel.

Hearing: Friday, 7/17/2009 at 11:00:00 AM Jefferson Building, 105 West Chesapeake Avenue, Room 104, Towson, MD 21204



BALTIMORE COUNTY
M A R Y L A N D

JAMES T. SMITH, JR.
County Executive

TIMOTHY M. KOTROCO, *Director*
Department of Permits and
Development Management

August 5, 2009

Gregory E. Rapisorda
Saul Ewing LLP
500 E. Pratt St. Ste. 800

Dear: Gregory E. Rapisorda

RE: Case Number 2009-0304-SPH, 2021 Frederick Rd.

The above referenced petition was accepted for processing **ONLY** by the Bureau of Zoning Review, Department of Permits and Development Management (PDM) on May 21, 2009. This letter is not an approval, but only a **NOTIFICATION**.

The Zoning Advisory Committee (ZAC), which consists of representatives from several approval agencies, has reviewed the plans that were submitted with your petition. All comments submitted thus far from the members of the ZAC are attached. These comments are not intended to indicate the appropriateness of the zoning action requested, but to ensure that all parties (zoning commissioner, attorney, petitioner, etc.) are made aware of plans or problems with regard to the proposed improvements that may have a bearing on this case. All comments will be placed in the permanent case file.

If you need further information or have any questions, please do not hesitate to contact the commenting agency.

Very truly yours,

A handwritten signature in black ink that reads "W. Carl Richards, Jr." in a cursive style.

W. Carl Richards, Jr.
Supervisor, Zoning Review

WCR:lnw

Enclosures

c: People's Counsel
John Szczecinski & John Frederick; 2021 Frederick Rd.; Catonsville, MD 21228

TB 8/10
11 AM

BALTIMORE COUNTY, MARYLAND

INTER-OFFICE CORRESPONDENCE

TO: Timothy M. Kotroco, Director
Department of Permits and
Development Management

DATE: August 5, 2009

FROM: Arnold F. 'Pat' Keller, III
Director, Office of Planning

SUBJECT: 2021 Frederick Road

INFORMATION:

Item Number: 9-304

Petitioner: John C. Szczecinski

Zoning: DR 5.5

Requested Action: Special Hearing

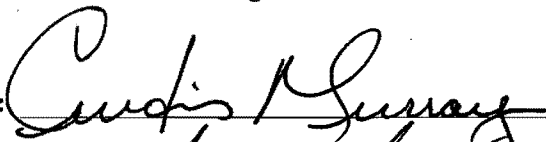
RECEIVED
AUG 06 2009
ZONING COMMISSIONER

SUMMARY OF RECOMMENDATIONS:

When the existing tower was approved, the Zoning Commissioner required the tower to be painted a color as recommended by the Office of Planning to reduce its visibility to the extent possible (see Order On Remand for Case No. 04-449-XA dated 4/7/05). At a subsequent public meeting on the site, it was decided that the tower should be painted to match the color of the bark on the surrounding trees. The tower is currently painted a light brownish color that doesn't closely match the tree bark color. If the tower extension is approved, the existing tower and the tower extension should be painted a darker brownish color to match the color of the bark on the surrounding trees.

A variance was granted for the existing tower and there was also an agreement between Sprint PCS and the Baltimore County Office of People's Counsel (see Order on Remand). The agreement stipulated a maximum monopole height of 95 feet. It should be determined whether the tower extension requires a revised agreement.

For further information concerning the matters stated here in, please contact Dennis Wertz at 410-887-3480.

Prepared by: 

Division Chief: 
AFK/LL: CM

BALTIMORE COUNTY, MARYLAND
INTEROFFICE CORRESPONDENCE

TO: Timothy M. Kotroco, Director
Department of Permits &
Development Management

DATE: June 10, 2009

FROM: Dennis A. Kennedy^{DAK}, Supervisor
Bureau of Development Plans
Review

SUBJECT: Zoning Advisory Committee Meeting
For June 8, 2009
Item Nos. 2009-302, 303, 304, 305,
306, 308, 309 and 310

The Bureau of Development Plans Review has reviewed the subject-zoning items, and we have no comments.

DAK:CEN:cab
cc: File
ZAC-06082009 -NO COMMENTS



BALTIMORE COUNTY
M A R Y L A N D

JAMES T. SMITH, JR.
County Executive

JOHN J. HOHMAN, *Chief*
Fire Department

County Office Building, Room 111
Mail Stop #1105
111 West Chesapeake Avenue
Towson, Maryland 21204

June 4, 2009

ATTENTION: Zoning Review Planners

Distribution Meeting Of: June 1, 2009

Item Numbers 0302, 0303, 0304, 0305, 0306, 0308, 0309, 0310

Pursuant to your request, the referenced plan(s) have been reviewed by this Bureau and the comments below are applicable and required to be corrected or incorporated into the final plans for the property.

1. The Fire Marshal's Office has no comments at this time.

Lieutenant Roland P Bosley Jr.
Fire Marshal's Office
410-887-4881 (C) 443-829-2946
MS-1102F

cc: File



State Highway Administration

Martin O'Malley, Governor | Anthony G. Brown, Lt. Governor

Beverly K. Swaim-Staley, Acting Secretary | Neil J. Pedersen, Administrator

Maryland Department of Transportation

Date: June 4, 2009

Ms. Kristen Matthews, Baltimore County Office of Permits and Development Management, County Office Building, Room 109, Towson, Maryland 21204

RE: Baltimore County Item No. 2009-0304-SPH MD 144 (Frederick RD) 2021 Frederick Road Szczecinski & Frederick property Special Hearing -

Dear Ms. Matthews:

We have reviewed the site plan to accompany petition for variance on the subject of the above captioned, which was received on June 3, 2009. A field inspection and internal review reveals that an entrance onto MD 144 (Frederick Road) is consistent with current State Highway Administration guidelines. Therefore, The State Highway Administration has no objection to Case Number 2009-0304-SPH approval.

Should you have any questions regarding this matter feel free to contact Michael Bailey at 410-545-5593 or 1-800-876-4742 extension 5593. Also, you may E-mail him at (mbailey@sha.state.md.us). Thank you for your attention.

Very truly yours,

For Steven D. Foster, Chief Engineering Access Permits Division

SDF/mb

Cc: Mr. David Malkowski, District Engineer, SHA Mr. Michael Pasquariello, Utility Engineer, SHA

RE: PETITION FOR SPECIAL HEARING * BEFORE THE
 2021 Frederick Road; S/W Frederick Road * ZONING COMMISSIONER
 and Balfred Road *
 1st Election & 1st Councilmanic Districts * FOR
 Legal Owner(s): John Szczecinski & *
 John Frederick * BALTIMORE COUNTY
 Petitioner(s) *
 * 09-304-SPH

* * * * *

ENTRY OF APPEARANCE

Pursuant to Baltimore County Charter § 524.1, please enter the appearance of People’s Counsel for Baltimore County as an interested party in the above-captioned matter. Notice should be sent of any hearing dates or other proceedings in this matter and the passage of any preliminary or final Order. All parties should copy People’s Counsel on all correspondence sent and all documentation filed in the case.

Peter Max Zimmerman

 PETER MAX ZIMMERMAN
 People’s Counsel for Baltimore County

Carole S. Demilio

 CAROLE S. DEMILIO
 Deputy People’s Counsel
 Jefferson Building, Room 204
 105 West Chesapeake Avenue
 Towson, MD 21204
 (410) 887-2188

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on this 10th day of June, 2009, a copy of the foregoing Entry of Appearance was mailed to Georgory Rapisonda, Esquire, Saul Ewing, LLP, 500 East Pratt Street, Suite 800, Baltimore, MD 21202, Attorney for Petitioner(s).

Peter Max Zimmerman

 PETER MAX ZIMMERMAN
 People’s Counsel for Baltimore County

RECEIVED

JUN 10 2009

.....



Post: Fax Note	7671	Date	# of pages
To: <i>Kister</i>		From: <i>Jessie</i>	
Co./Dept.		Co.	
Phone #	<i>Per your request</i>	Phone #	
Fax #		Fax #	

Gregory E. Rapisarda
 Phone: (410) 332-8963
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RECEIVED

July 7, 2009

JUL 08 2009

VIA FACSIMILE AND FIRST CLASS MAIL

ZONING COMMISSIONER

William J. Wiseman, III
 Zoning Commissioner for
 Baltimore County, Maryland
 105 West Chesapeake Avenue, Suite 103
 Towson, Maryland 21204

RE: Request for Postponement of July 17, 2009 hearing on
 Petition for Special Hearing, Case No. 09-304-SPH

Dear Commissioner Wiseman:

I represent New Cingular Wireless PCS, LLC d/b/a AT&T Mobility LLC ("AT&T") in its Petition for a Special Hearing on the property at 2021 Frederick Road in Catonsville. This Petition for Special Hearing is currently scheduled for a hearing at 9:30am on Friday July 17, 2009. It has come to my attention that notice of the hearing may not have been posted on the property on or before July 2, 2009. Consequently, to avoid any controversy, I am requesting a brief postponement so that we can ensure timely notice in accordance with the Zoning Regulations.

I appreciate your time and attention to this matter, and I am available if you have any questions or concerns.

Yours truly,

Gregory E. Rapisarda

GER:lh

cc: Peter Max Zimmerman, People's Counsel for Baltimore County (via first-class mail)
 Carole S. Demilio, Deputy People's Counsel for Baltimore County (via first-class mail)

TB

11:10
11 AM

Friday Page 1

BW 7/17

10 AM
R/P

From: Debra Wiley
To: Matthews, Kristen
Date: 7/7/2009 1:22 PM
Subject: 2009-0304-SPH - July 17th @ 10 AM

Hi Kristen,

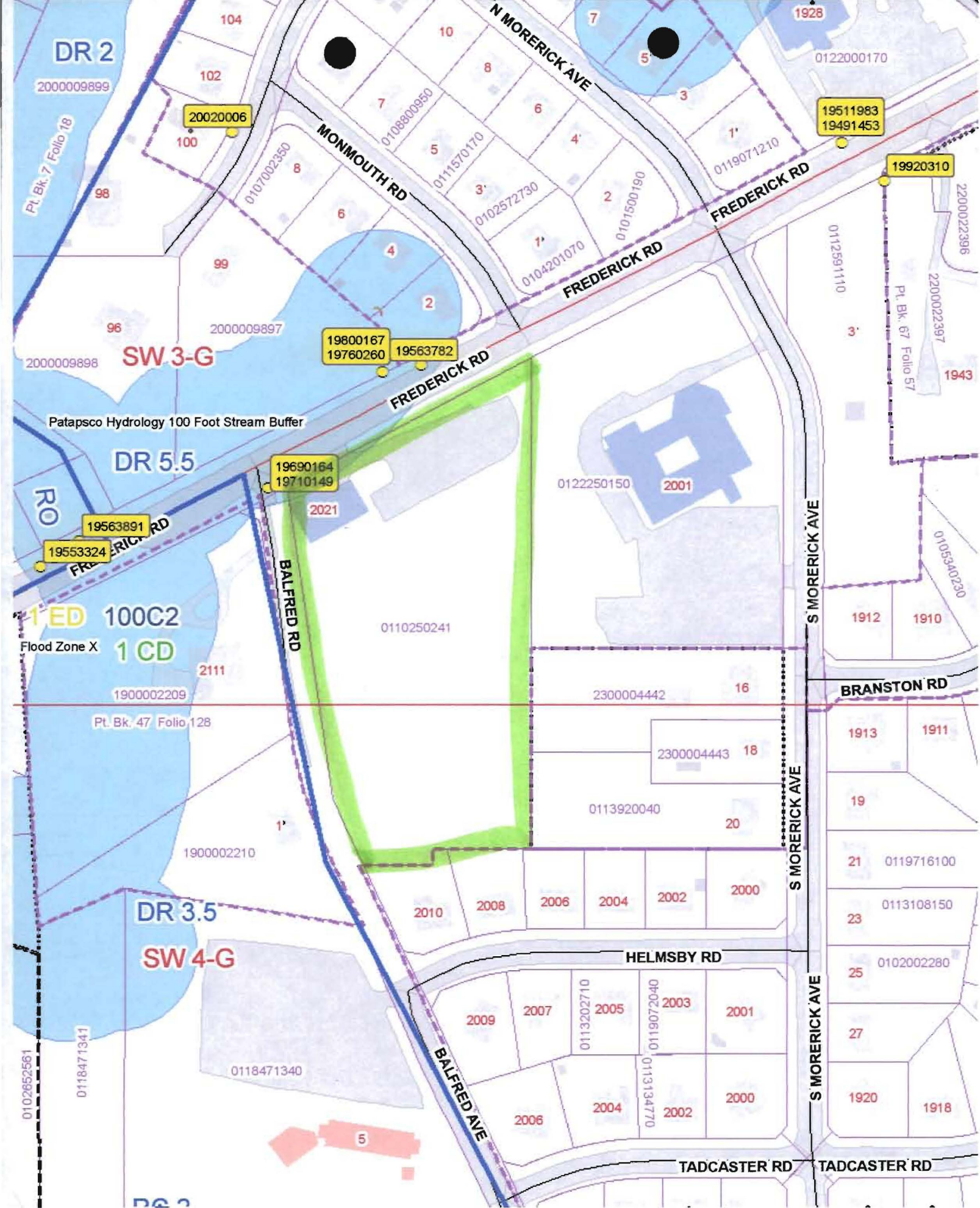
FYI :

We received a fax from Gregory Rapisarda, Esq., who represents New Cingular Wireless PCS, LLC d/b/a AT&T Mobility, LLC, today who is requesting a postponement for the above referenced since the notice of the hearing may not have been posted on the property on or before July 2nd.

Bill advised me to contact Mr. Rapisarda and I left a voice mail indicating that he should have the sign poster indicate that the hearing is postponed/continued and to contact you to have this rescheduled.

Thanks.

Debbie Wiley
Legal Administrative Secretary
Office of the Zoning Commissioner
105 West Chesapeake Avenue, Suite 103
Towson, Md. 21204
410-887-3868
410-887-3468 (fax)
dwiley@baltimorecountymd.gov



Case # 20090304 SPH

previous case

IN RE: PETITIONS FOR SPECIAL EXCEPTION * BEFORE THE
 AND VARIANCE – S/S Frederick Road, * ZONING COMMISSIONER
 Across from Monmouth Drive * OF BALTIMORE COUNTY
(2021 Frederick Road) * Case No. 04-449-XA
 1st Election District *
 1st Council District *
 Stagco Corporation, Owners; *
 APC Realty & Equipment Co., Lessees *

* * * * *

FINDINGS OF FACT AND CONCLUSIONS OF LAW

This matter comes before the Zoning Commissioner for consideration of Petitions for Special Exception and Variance filed by the owners of the subject property, Stagco Corporation, and the Contract Lessees, APC Realty & Equipment Company, through their attorney, Nicole M. Lacoste, Esquire. The Petitioners request a special exception to allow the installation of a 95-foot tall stealth monopole to serve as a wireless telecommunications tower that will contain an array of Sprint PCS antenna concealed within the uppermost portion of the pole. In addition, variance relief is requested from Section 426.6A.1 of the Baltimore County Zoning Regulations (B.C.Z.R.) to permit a front setback of 171 feet and a side (east) yard setback of 73 feet in lieu of the required 200 feet each. The subject property and requested relief are more particularly described on the site plan submitted, which was accepted into evidence and marked as Petitioner’s Exhibit 1.

Appearing at the requisite public hearing in support of the request were Eugene A. Stallings, President, and John P. Murray, on behalf of Stagco Corporation, the corporate entity for the St. Agnes Knights of Columbus Council, which owns the subject property, and their attorney, Barry W. Casanova, Esquire. Also appearing were Michael Griffiths, Marc Marzullo, John Kinnally and Hazzan Khalil, on behalf of APC Realty & Equipment Company, LLC, Contract Lessees, and their attorney, Nicole Lacoste, Esquire, Authorized Agent/Attorney. Nearby residents Sheila M. Kulp, Michele A. Wehner, and John L. Aldelsberger appeared in opposition to the requests.

Testimony and evidence offered revealed that the subject property is an irregularly shaped parcel located on the south side of Frederick Road (Maryland Route 44) between S. Morerick Avenue and Balfred Avenue in Catonsville. The property contains a gross area of 3.5225 acres, more or less, zoned D.R.5.5 and is improved with a one-story building and macadam parking area containing 135 spaces. Most of the rear of the site is unimproved and wooded. The property has been owned and used as a meeting hall by the St. Agnes Council of the Knights of Columbus, a religious social organization, for over 30 years. In addition to meetings, there are also social, charitable and other similar events held at the site. The Petitioners have entered into a conditional lease with APC Realty and Equipment Company LLC to lease a small portion of the site for a proposed wireless telecommunications facility. APC is a limited liability company associated with Sprint, a national wireless telephone and communications firm. As shown on the site plan, the Petitioners propose the construction of a 95-foot monopole on the south side of the parking lot, approximately 171 feet from the front property line and 73 feet from the east side property line. The pole will be located within a 20' x 20' fenced equipment compound area that will contain the necessary infrastructure related to the use of the pole.

Wireless communication towers and facilities are governed by Section 426 of the B.C.Z.R. Section 426.5 thereof provides that wireless communication towers are permitted in the D.R.5 zone by special exception only. Thus, the applicants filed the requisite Petition for Special Exception and must participate in a public hearing. The Zoning Commissioner can grant special exception relief, only if the requirements set out in Section 502.1 of the B.C.Z.R. are satisfied.

In addressing its burden under law, the Petitioners produced the testimony of Hassan Khalil, a Radio Frequency expert. Mr. Khalil testified that Sprint is licensed by the Federal Communications Commission (FCC) to provide wireless communication facilities in the Baltimore Metropolitan area. Under its license, Sprint must provide an unbroken network for its users and clients.

The wireless communication industry exploded on the scene in recent years and now a great majority of the population uses wireless telephones and other means of communication. In

order to provide the necessary infrastructure, Sprint has constructed a tower network. The towers have limited power and range. As a mobile communication user travels, his/her call is handed off from one tower to the next. In the event of insufficient coverage, a "hole" in the network can exist wherein calls are dropped and/or cannot be received/made.

Mr. Khalil testified that there is a hole in Sprint's network in this area of Baltimore County. As a radio frequency engineer, his job is to ascertain suitable locations where a tower can be constructed to fill in the hole and provide an unbroken network. Mr. Khalil indicated that he considered a number of locations within the geographic area identified to complete the network. Apparently, two water tanks were considered, however were rejected because they were either not tall enough or too far away. Existing Baltimore Gas and Electric Transmission towers were also considered and rejected as unacceptable. A Presbyterian Church in the area was also considered; however, there are presently three antennae within its steeple and it cannot accommodate additional users. Mr. Khalil testified in detail about the options that were considered and concluded that the subject site was the only site available in this area. He further indicated that the maximum height of the proposed tower would be 95 feet.

John Kinnally also testified on behalf of the Petitioners. He is the real estate/site acquisition specialist for APC Realty. He corroborated much of Mr. Khalil's testimony and described in detail the investigation that was undertaken to find an appropriate site within the search area. He indicated that Sprint prefers to co-locate on an existing site or tower; however, there were none available.

Finally, testimony was received from Mark Marzullo, the professional engineer who prepared the site plan. He described the site in some detail and the proposed tower and improvements. As noted above, the tower will be 95 feet tall. He also indicated that the tower will be approximately 36 inches in diameter at the base; however, will taper to a diameter of 26 inches at the top. More importantly, unlike many towers that exist in the area, communications antenna will not be mounted on the outside of the tower, but rather will be located within the interior of the pole. Mr. Marzullo opined that the pole's narrow diameter and lack of exterior antenna would

decrease its visibility. In this regard, photographs, a balloon test, and superimposed images of the proposed tower were submitted into evidence. He also indicated that the tower could be painted a variety of colors to match the background.

In addition to the testimony as summarized above, a series of exhibits were submitted in support of the request. These included site plans and maps, as well as photographs of the area and other studies and reports. Collectively, this information encompassed the testimony and evidence offered by the Petitioners' witnesses.

Testimony and questions were also received from residents of the area. Several of the citizens are concerned about the health impact of the tower, although there have been no competent studies that living within proximity of a tower will cause any adverse health impacts. There were also concerns expressed about the detrimental impact the tower might have on property values. Again, however, there were no appraiser's reports or other competent authority submitted to support this representation. Generally, these neighbors are concerned about the aesthetics of the tower and fear certain detrimental impacts upon their neighborhood.

As noted above, in order for special exception relief to be granted, the Petitioners must meet the burden set forth in Section 502.1 of the B.C.Z.R. Generally, the Petitioner must demonstrate that the proposed use will not be detrimental to the health, safety and general welfare of the locale. (See Schultz v. Pritts, 291 Md. 1 (1995). Moreover, as has been emphasized by the Court of Appeals in discussing the law of special exceptions, it is not merely the existence of an adverse impact that justifies a denial of the application. In order for a special exception to be denied, it must be demonstrated that the proposed use at the subject location will cause adverse impacts over and above those inherently associated with the use elsewhere in the zone. (See e.g., Mossberg v. Montgomery Co., 321, Md. 494 (1993).

In addition to the standards set forth in Section 502.1 of the B.C.Z.R., the Petitioner must also meet the standards set forth in Section 426.9 of the B.C.Z.R. Those standards include the requirement that the Petitioners make a diligent search to locate the antenna on an existing tower or non-residential building or structure, that the tower be of the minimal height necessary,

that the tower be designed to accommodate antennae so that at least two other providers may use same, etc.

Upon due consideration of the testimony and evidence offered, I am persuaded that the Petitioners have met the requirements under law of both Sections 502.1 and 426.9 of the B.C.Z.R. Indeed, much of the testimony and evidence offered by the Petitioners was undisputed as to these requirements.

The Petitioners also asked for variance relief. Variances from the wireless communication facility requirements are authorized, pursuant to Section 426.11 of the B.C.Z.R. and governed by Section 307 thereof. Section 426.6.A.1 of the B.C.Z.R. requires that the tower be setback at least 200 feet from any other owner's residential property line. There are two variances requested in this case pursuant to that Section. The first is from the east side property line. In this respect, the subject property shares a common property line with an existing church on the adjacent property. There were no representatives of the Church present at the hearing and the Petitioners indicated that it had communicated their proposal to that property owner. Apparently, the Church does not object to the proposed special exception or variance.

In considering this request, it is to be noted that the subject property is but 371 feet wide. Thus, maintaining a 200-foot side yard setback on both sides is impossible. Obviously, a minimum width of 400 feet would be required to maintain the necessary setback. Based on this factor, I am persuaded that variance relief should be granted. In my judgment, the Petitioner has met the requirements of Section 307 of the B.C.Z.R. as to the side yard variance.

The front yard variance is another matter. As justification for this request, the Petitioners noted the existing woods that occupy the center and rear portions of the subject property. It was indicated that although the 200-foot setback could possibly be maintained, strict adherence with that regulation would require clearing of certain of the trees. Moreover, a small road from the rear of the parking lot would be required to provide access.

The Protestants who appeared all reside on the other side of Frederick Road. The location of the tower less than 200 feet from the nearest residential line abutting the front of the property detrimentally impacts these residents, as it places the tower closer to them.

I am appreciative of the Petitioners concerns about the removal of some trees; however, a view of the photographs submitted shows that the site is heavily wooded. Even if certain trees need be removed in order to relocate the tower further towards the rear of the property, a mature stand of trees would literally surround the tower. Variances should not be granted for matters of mere convenience but only if a practical difficulty would result if strict adherence to the regulation was required. (See e.g. Cromwell v. Ward, 102 Md. App. 691 (1995). In this regard, I am not persuaded that the Petitioners have met their burden and thus, the variance to allow a 171-foot front yard setback shall be denied. In my judgment, the tower should be setback a minimum of 200 feet from the edge of paving of the subject property along Frederick Road. This will actually result in a larger setback than required from the residential lot line on the other (north) side of Frederick Road. However, pushing the tower further back to the interior of the site will decrease its visibility. In addition, painting the tower a color to match the background will further reduce its visibility. Thus, I will require that the Petitioners consult with the Office of Planning to determine an appropriate color scheme for the tower and submit an amended plan, showing the new location of the tower consistent with the terms and conditions of this order.

It is also to be noted that the property apparently rises in height from the front to the rear. Thus, relocating the tower to the rear of the property might result in a slight reduction in the overall height of the tower in that it will sit on higher ground. If the tower's height can be reduced because of the higher grade it should be. On its amended site plan, the Petitioner shall certify that the height of the tower at its new location shall not exceed 95 feet.

Pursuant to the advertisement, posting of the property and public hearing on these Petitions held and for the reasons set forth herein, the relief requested as modified shall be granted.

THEREFORE, IT IS ORDERED by the Zoning Commissioner for Baltimore County his _____ day of June 2004 that the Petition for Special Exception to permit the installation of a

95-foot tall stealth monopole containing an array of Sprint PCS antenna concealed within the uppermost portion of the pole, be and is hereby GRANTED; and,

IT IS FURTHER ORDERED that the Petition for Variance seeking relief from Section 426.6A.1 of the Baltimore County Zoning Regulations (B.C.Z.R.) to permit a side yard (east) setback of 73 feet in lieu of the required 200 feet, be and is hereby GRANTED, subject to the following restrictions:

- 1) The Petitioners may apply for their building permit and be granted same upon receipt of this Order; however, Petitioners are hereby made aware that proceeding at this time is at their own risk until the 30-day appeal period from the date of this Order has expired. If an appeal is filed and this Order is reversed, the relief granted herein shall be rescinded.
- 2) Prior to the issuance of any permits, the Petitioners shall submit a revised site plan showing a 200-foot front yard setback from the right-of-way along Frederick Road to the new location of the proposed tower, and its revised height, if necessary. If there is no revision to the height of the proposed tower, the Petitioners shall submit certification that 95 feet will be the maximum height of the tower.
- 3) The tower shall be painted a color as recommended by the Office of Planning to reduce visibility to the extent possible.
- 4) When applying for any permits, the site plan/landscaping plan filed must reference this case and set forth and address the restrictions of this Order.

IT IS FURTHER ORDERED that the Petition for Variance seeking relief from Section 426.6A.1 of the Baltimore County Zoning Regulations (B.C.Z.R.) to permit a front setback of 171 feet in lieu of the required 200 feet be and is hereby DENIED

LES:bjs

LAWRENCE E. SCHMIDT
Zoning Commissioner
for Baltimore County

*previous
Case*

IN RE: PETITIONS FOR SPECIAL EXCEPTION	*	BEFORE THE
AND VARIANCE – S/S Frederick Road,		
Across from Monmouth Drive	*	ZONING COMMISSIONER
(2021 Frederick Road)		
1 st Election District	*	OF BALTIMORE COUNTY
1 st Council District		
	*	<u>Case No. 04-449-XA</u>
Stagco Corporation, Owners;		
APC Realty & Equipment Co., Lessees	*	

* * * * *

ORDER ON REMAND

This matter comes before the Zoning Commissioner on Remand by Order issued by the Board of Appeals of Baltimore County dated February 9, 2005. By way of background, the Petitioners sought approval of a special exception to allow the installation of a 95-foot tall stealth monopole to serve as a wireless telecommunications tower that would contain an array of Sprint PCS antenna concealed within the uppermost portion of the pole. In addition, variance relief was requested from Section 426.6A.1 of the Baltimore County Zoning Regulations (B.C.Z.R.) to permit a front setback of 171 feet and a side (east) yard setback of 73 feet in lieu of the required 200 feet each. For reasons stated within his Order dated June 2, 2004, then Zoning Commissioner Lawrence E. Schmidt approved the special exception and side yard variance request and denied the front yard setback variance. The Office of People’s Counsel of Baltimore County subsequently filed a limited appeal of the Order issued by then Zoning Commissioner Schmidt on June 23, 2004.

At the hearing held before the Board of Appeals on January 13, 2005, Carole S. Demilio, Esquire, Deputy People’s Counsel, appeared on behalf of the Office of People’s Counsel. Nicole M. Lacoste, Esquire, appeared as Counsel for Sprint. At the outset of the hearing, Counsel for the parties advised that the appeal had been settled and presented to the Board of Appeals a joint request for remand of this matter to the Zoning Commissioner to incorporate certain terms and conditions detailed therein.

Subsequently, a Remand Hearing was scheduled before the undersigned Zoning Commissioner on March 29, 2005. At that hearing, Carole S. Demilio, Esquire, Deputy People's Counsel, appeared on behalf of the Office of People's Counsel, and Nicole M. Lacoste, Esquire, appeared as Counsel for Sprint. Counsel for the parties advised that the appeal had been resolved and submitted into evidence a revised site plan, as required by the Order of the Board, incorporating the terms of the agreement reached between the parties. The revised plan was accepted into evidence and marked as Petitioner's Exhibit 1A and includes the following conditions and restrictions:

- a) Ninety-five (95) feet is the maximum height of the monopole;
- b) Petitioners shall provide landscape screening along the frontage of the existing parking lot on Frederick Road;
- c) Petitioners shall provide landscape screening along the proposed fence around the base of the monopole compound;
- d) Petitioners shall provide a redesigned access road with a subtle curve design that minimizes the aesthetic effect of a straight-line driveway leading from the parking lot of the property to the monopole compound; and,
- e) Petitioners shall show a 200-foot front yard setback from the right-of-way along Frederick Road to the new location of the proposed tower.

In that the appeal has been resolved, this Zoning Commissioner does not need to make further detailed factual findings relating to the special exception and variance request. Rather, having heard Counsels' proffers, and reviewed the pertinent file information, Petitions for Special Exception and Variance, the decision of the Zoning Commissioner dated June 2, 2004, and pursuant to the Order issued by the Board of Appeals, dated February 9, 2005,

IT IS ORDERED by the Zoning Commissioner for Baltimore County this _____ day of April 2005, that the Petition for Special Exception to permit the installation of a 95-foot tall stealth monopole containing an array of Sprint PCS antenna concealed within the uppermost portion of

the monopole and accompanied by equipment cabinets, in accordance with Petitioner's Exhibit 1A, be and is hereby GRANTED; and

IT IS FURTHER ORDERED that the Petition for Variance seeking relief from Section 426.6A.1 of the Baltimore County Zoning Regulations to permit a side yard setback of 73 feet in lieu of the required 200 feet, in accordance with Petitioner's Exhibit 1A, be and is hereby GRANTED, subject to the following terms and conditions:

- 1) Sprint shall identify the trees on the property that it intends to remove as part of the construction phase of the monopole compound. After this identification of the trees, Sprint shall organize a public meeting at the property so that interested persons can review Sprint's tree removal plan prior to the commencement of the construction phase of the monopole compound. Sprint shall not commence construction of the monopole compound until this public meeting occurs.
- 2) The tower shall be painted a color as recommended by the Office of Planning to reduce visibility to the extent possible.
- 3) When applying for any permits, the amended site plan/landscaping plan filed must reference this case and set forth and address the restrictions of this Order.

IT IS FURTHER ORDERED that any appeal of this decision must be taken in accordance with Section 32-3-401 of the Baltimore County Code.

WJW:bjs

WILLIAM J. WISEMAN, III
Zoning Commissioner
for Baltimore County

Case No.:

2009-0304-SPH

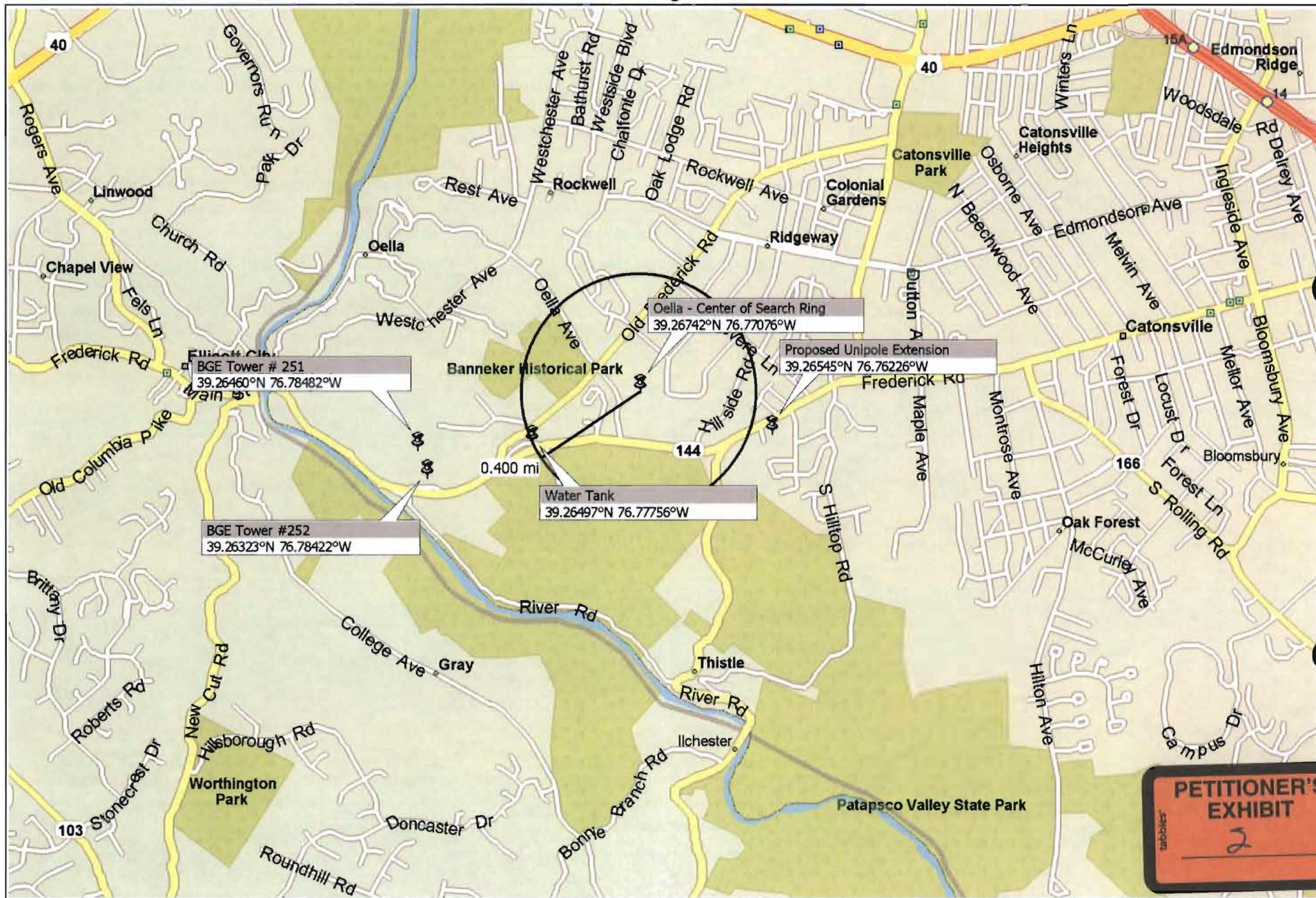
Exhibit Sheet

Petitioner/Developer

Protestant

No.	Petitioner/Developer	Protestant
No. 1	Site Plan	13 - Balloon test w/ photos showing visibility of proposed tower
No. 2	Search Ring w/ Contours	
No. 3	Site Acquisition Request Form	
No. 4	existing coverage	
No. 5	proposed coverage on B66 tower 251	
No. 6	proposed coverage on B66 tower 252	
No. 7	proposed coverage on water tank	
No. 8	proposed coverage at subject site @ 70 feet	
No. 9	proposed coverage at subject site @ 113 ft	
No. 10	TRC Recommendation	
No. 11	Mr. Mohammad's resume	
No. 12	Mr. Berté's resume	

Oella - Search Ring with Candidates



PETITIONER'S EXHIBIT
2



Copyright © and (P) 1988–2007 Microsoft Corporation and/or its suppliers. All rights reserved. <http://www.microsoft.com/streets/>
 Certain mapping and direction data © 2007 NAVTEQ. All rights reserved. The Data for areas of Canada includes information taken with permission from Canadian authorities, including: © Her Majesty the Queen in Right of Canada, © Queen's Printer for Ontario. NAVTEQ and NAVTEQ ON BOARD are trademarks of NAVTEQ. © 2007 Tele Atlas North America, Inc. All rights reserved. Tele Atlas and Tele Atlas North America are trademarks of Tele Atlas, Inc.

SARF - SITE ACQUISITION REQUEST FORM

RF Engineer:	Jarrar Mohammad	Date:	2/10/2005
Search Area Name:	Oella	County:	Baltimore
Fixed Asset #:	10082253	Construction #	1943
MSA/RSA:	Baltimore MSA	Ground Elevation (ft):	426
Latitude:	39 - 16 - 2.71 N	Longitude:	76 - 46 - 14.74 W
Search Area Radius:	0.40 miles	Antenna Height from Ground Level (ft):	150
Sector	Number of Antennas	GSM Antenna Type	Antenna Direction
1	4		0
2	4		120
3	4		240

NOTE! Defined for Maximum Future Configuration

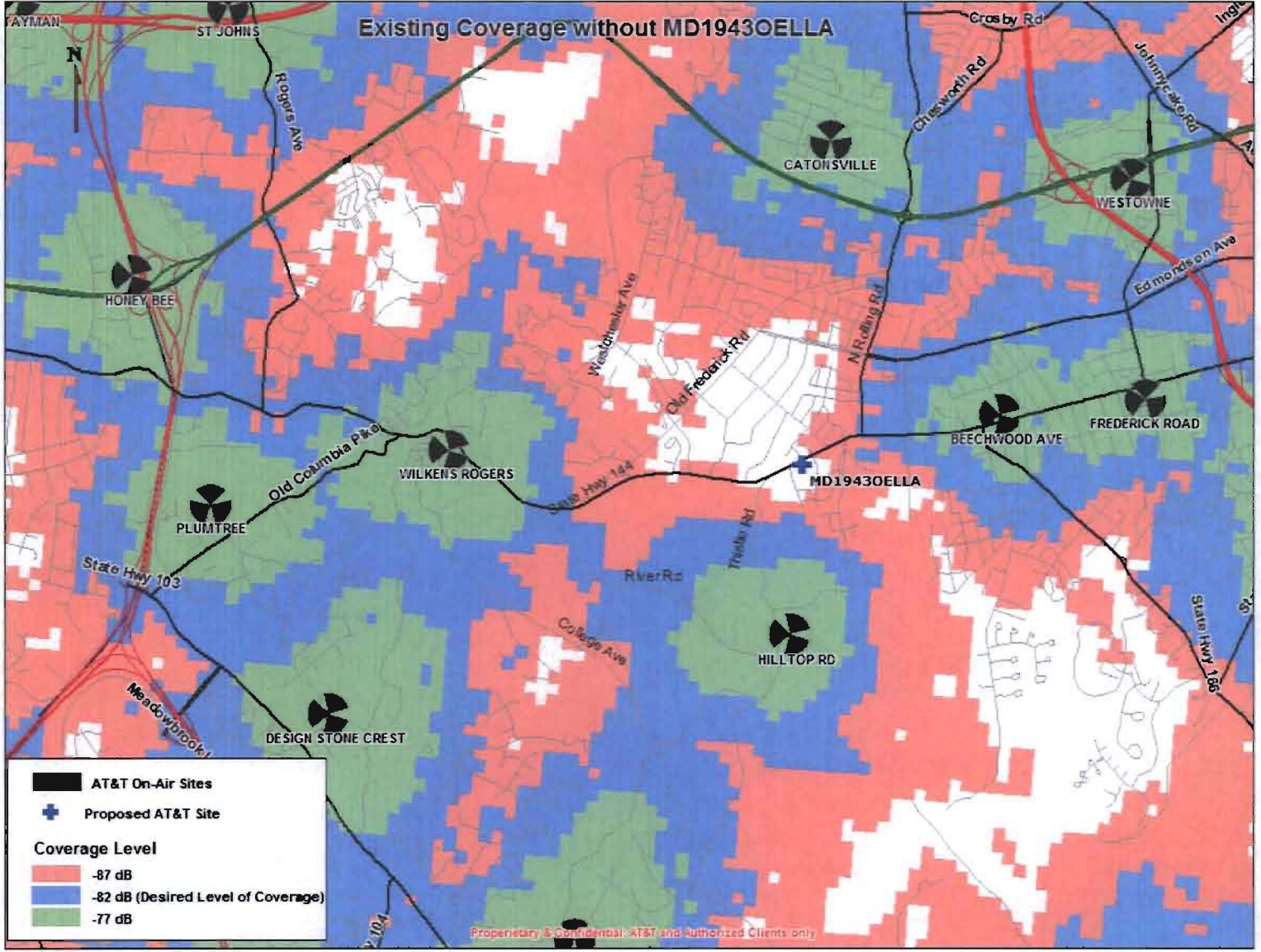
General RF Coverage Objectives:

To build a new site in the area of Catonsville that will provide coverage specially along SR 144(Stonewall Road) and Old Fredericks Road. The additon of this site will provide service for the residents of Oella, Gray and surrounding areas and at the same time ensure overlap coverage, handoffs among existing Wilkens Rogers, Catonsville, BGE Pole and AWS colo sites.

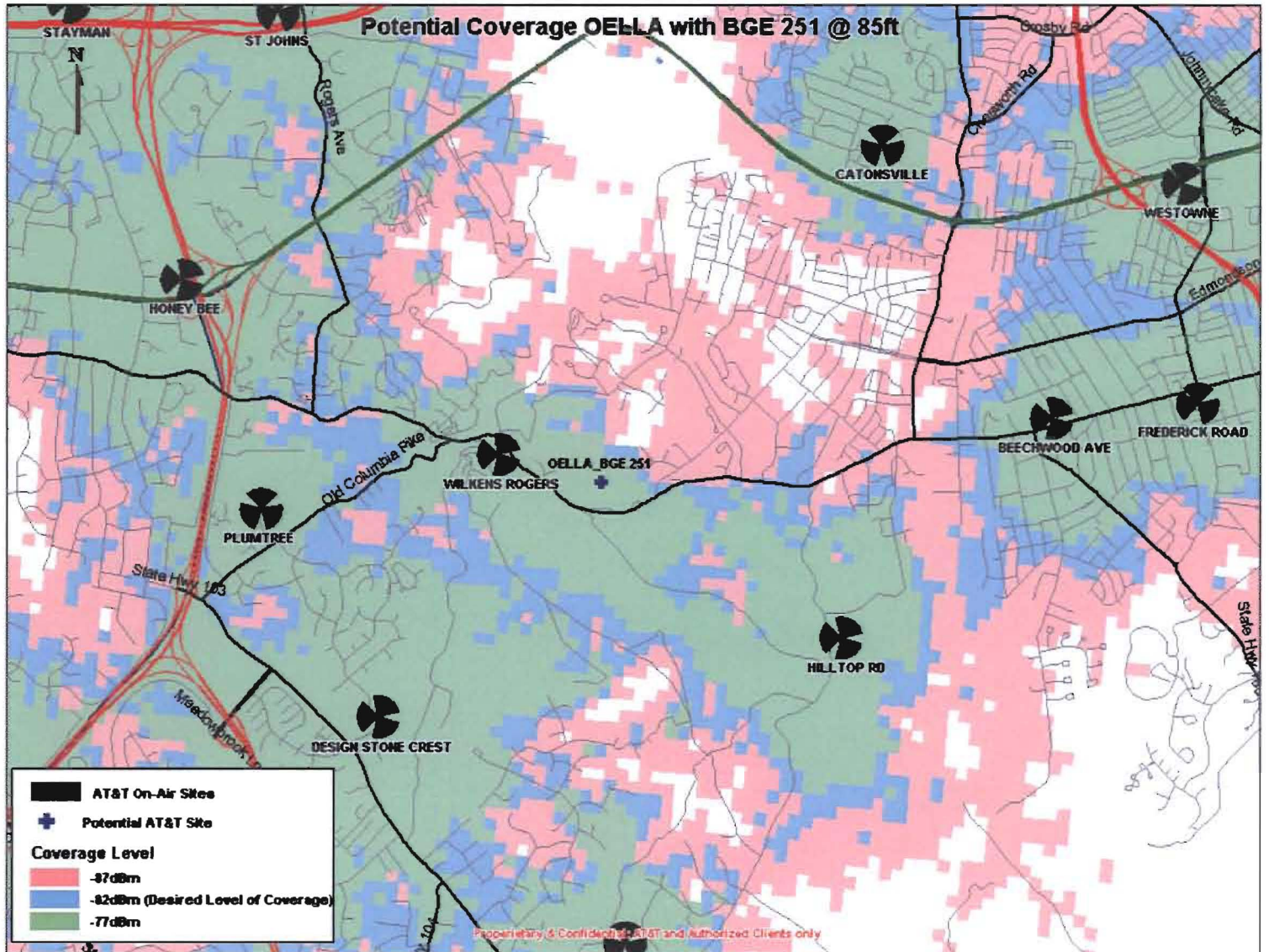
It is important to restrict coverage to the local search area. Candidates that are too high and/or cannot provide sufficient antenna down-tilt to contain their signal will be rejected. For example, if there is clear line of-sight (LOS) beyond the next 2 GSM sites and there is no way to mount the GSM antennas such that they can be down-tilted effectively, then it is likely that such a candidate will be rejected by RF. If effective down-tilt is not possible but the signal is attenuated/blocked by adjacent clutter such that the effective cell radius is contained, this will reduce the need for down-tilt. Conversely, if the candidate is much lower than the surrounding clutter then the cell radius will be too small and the candidate will likely be rejected.

Effective antenna down-tilt requires the antenna to be free of near-field obstruction. The best location for this on a building is face-mounted flush to the side of the building. If the proposed antenna location is on the roof of the building then the vertical distance between the bottom of the antenna and the roof must be similar to the horizontal distance from the antenna to the edge of the roof. Suitable candidates will have the GSM antennas mounted at a height similar to the surrounding average building height.





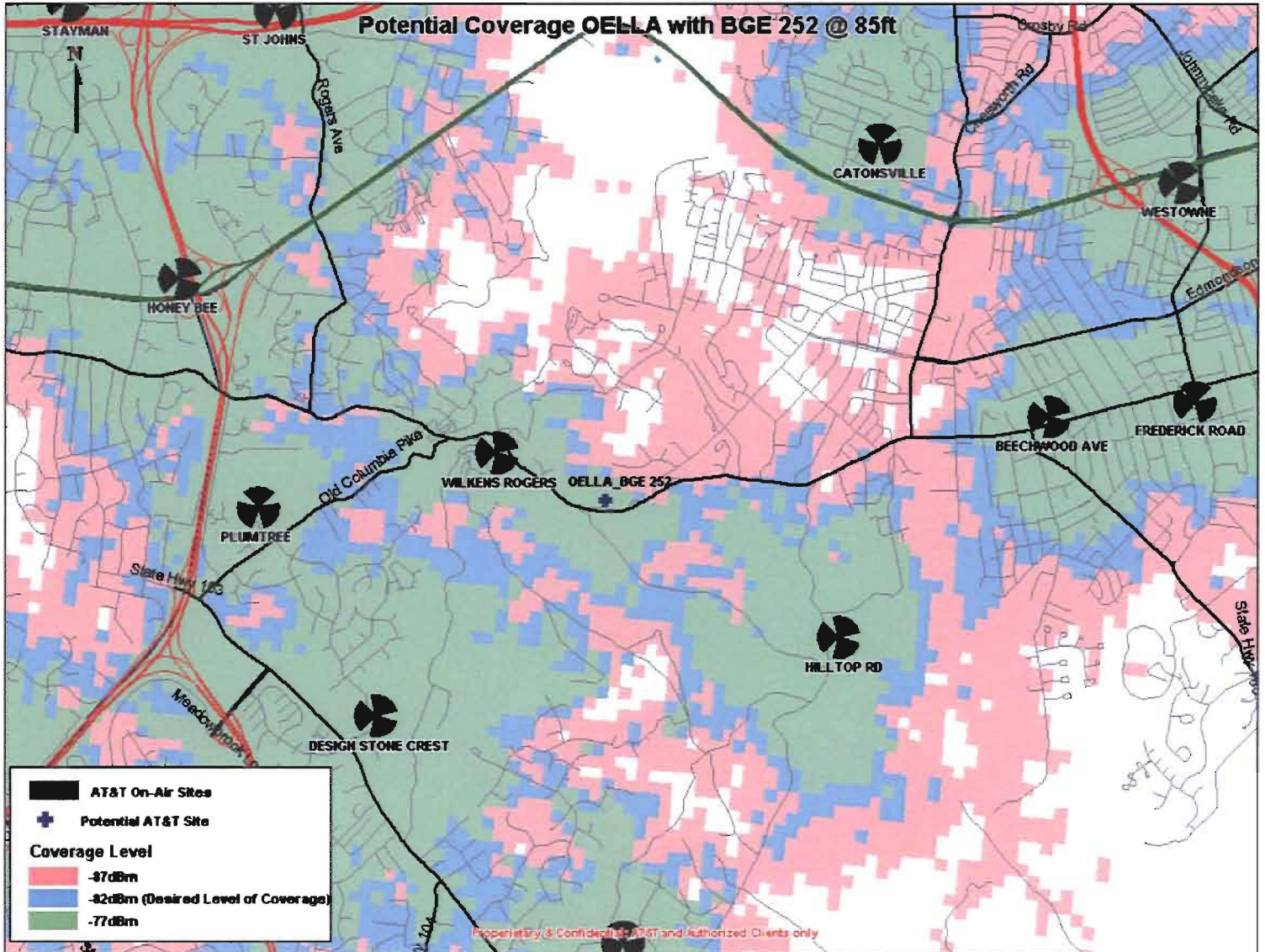
PETITIONER'S EXHIBIT
 4



**PETITIONER'S
EXHIBIT**

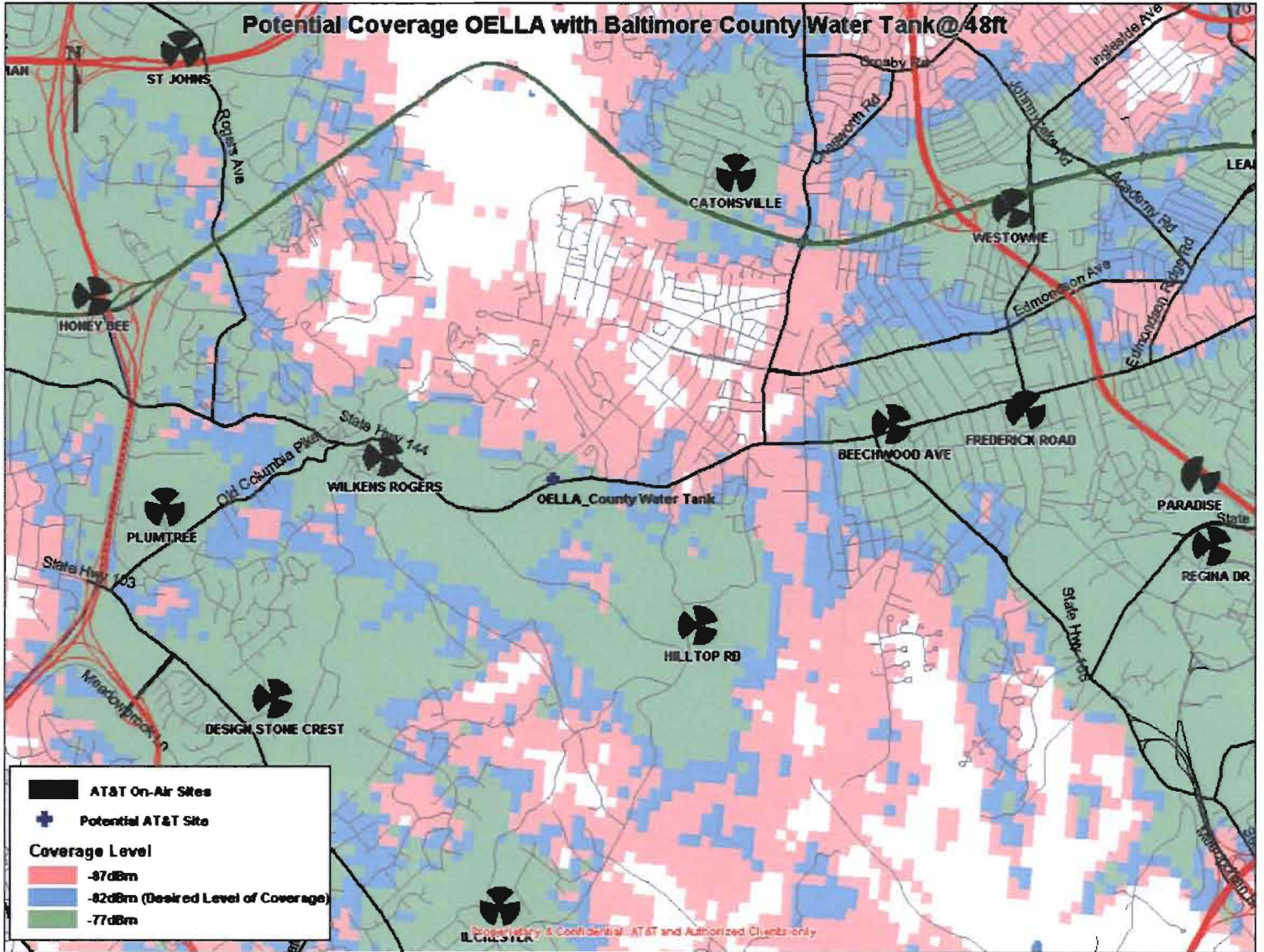
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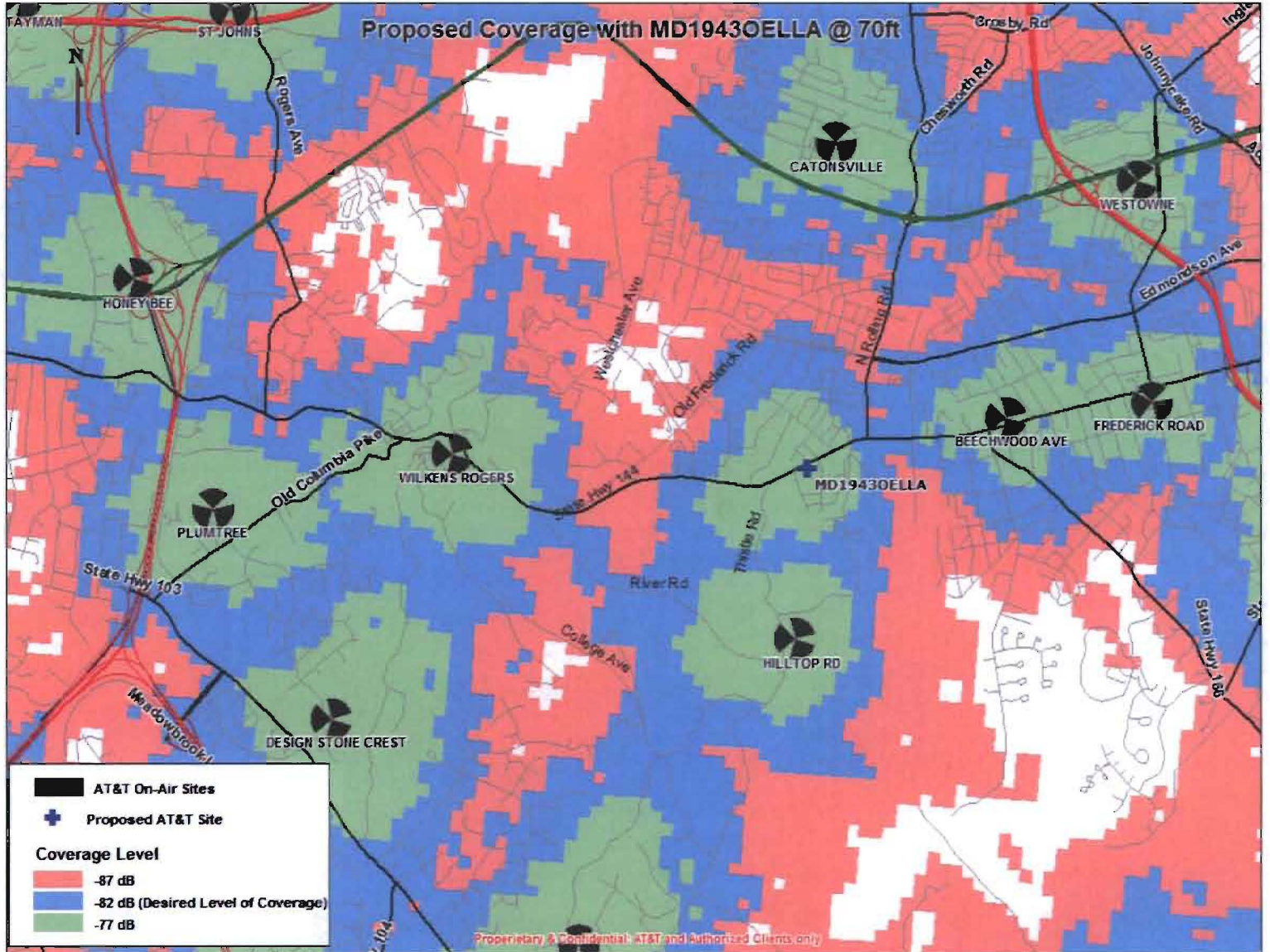
tabblier



**PETITIONER'S
EXHIBIT**

6





EXHIBIT

8

tablets

BALTIMORE COUNTY, MARYLAND
Interoffice Correspondence

DATE: May 1, 2009

TO: Walter Smith
Department of Permits and Development Management

FROM: Tower Review Committee

SUBJECT: Modification to Existing Tower –AT&T Wireless – 2021 Frederick Road

The Tower Review Committee met on April 28, 2009 for the review of two new AT&T applications. As an add-on to agenda item, the applicants were granted permission to discuss the subject tower, and made a request to modify the height of their extension, previously approved for 20' by the committee on November 25, 2008. AT&T's requested modification entails placing two 12' canisters on a 24' extension at the top of the pole. The 12' canister is AT&T's new design technology, with the capacity to accommodate up to three sets of antennas or three carriers per canister.

The committee is making the following advisory comments to the Development Review Committee (DRC) in accordance with section 426.4 of the Baltimore County Zoning Regulations in reference to the proposed increased pole extension height of 24' on the existing 95' disguised monopole. AT&T's proposal also includes plans to install an equipment shelter on an 11'x11' concrete pad within a 17' by 20.3' fenced compound expansion. The structure is located on the property owned by Stagco Corporation, 2021 Frederick Road, Baltimore, MD 21228 (a.k.a. "Oella" site).

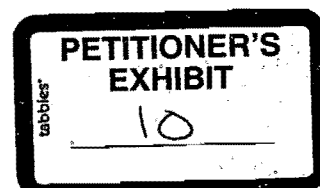
As stated in our previous approval letter to DPM, dated 12/11/08, the tower review committee would not normally review this type of request, but the applicant desired a review, and submitted a complete application to eliminate any possibility of a challenge to their process.

➤ *Antennas should be placed on existing towers, buildings, and structures, including those of public utilities, where feasible.*

Findings: We feel that AT&T Wireless has provided all requested information to the Tower Review Committee (TRC) to successfully demonstrate that no other co-location opportunities exists at or near this location that would suffice in providing their requested coverage of the intended area. This is a co-location on an existing stealth structure that requires an extension of the total height to 119', including all appurtenances.

➤ *If a tower must be built, the tower should be: Constructed to accommodate at least three providers.*

Findings: AT&T has shown, in the drawings accompanying the application to the TRC that the stated antenna structure will be the third wireless carrier to occupy this structure.



- *Erected in a medium or high intensity commercial zone when available.*

Findings: This area is located in a DR5.5 zoned residential area and did require a special exception hearing for the original construction. The addition of 24' to the structure will cause the setback to be less than the required fall zone for the tower. The addition to the structure will require an amendment to the original special exception and a setback waiver hearing.

- *Located and designed to minimize its visibility from residential and transitional zone.*

Findings: Based on the site survey and information presented, we find that there will be a minimum visual impact in the area of the tower, the extension of this existing stealth structure will be of less visual impact than the installation of a new structure in the area. The disguised monopole will have limited visibility from adjacent properties and the roadways.

Conclusion

By a unanimous decision of the Tower Review Committee, it was agreed that the advisory comments provided above be forwarded to the Development Review Committee for further processing. It is the recommendation of the committee, that AT&T's height modification using their 12' canister technology to extend their existing disguised monopole from 20' to 24', for a total height of 119', would meet all the requirements of Section 426, while allowing needed emergency and non-emergency communications for the citizens of the area. Further, the committee recommends approval for the installation of the 11'x11' equipment shelter within the planned 17'x20.3' fenced compound expansion.

Additional Information

Updated construction plans from the applicant.

Tower Review Committee

Richard A. Bohn, Tower Coordinator
Curtis Murray, Office of Planning
Harry Wujek, Community Member TRC
Richard Sterba, OIT Representative

CC: Sabrina Chase, Baltimore County Office of Law
Bob Hunnicutt, Columbia Telecommunications
Shivani Gandhi, Columbia Telecommunications
Robert Stradling, Director, Baltimore County Office of Information Technology
Greg Rapisorda, Saul Ewing for AT&T
Matt Petr, Network Building & Consulting, LLC
Linda Flannery-Liebermann, Bechtel
Paul Whitley, NB&C for AT&T
Shashi Kanth Sena, AT&T

Mustaque Mohamed
RF Engineer
Email: mustaque.mohamed@gmail.com
Cell # 303-517-1301

Professional Summary:

Over 8 years of experience in wireless communication industry like WiMAX, 3G, GSM, CDMA, Microwave Studies, etc. Hand on experience on wireless engineering design and network development, including Design, Planning, Performance, Data Collection and Analysis. Have a thorough knowledge, understanding and extensive use of various planning and design tools such as Atoll, Planet EV, dB Planner, CE4, Mapinfo, Roofview, Comarco Equipment, Grayson Software, Andrew Invex3G, TEMS etc

Education:

MS, Electrical Engineering (Telecommunications), University of Texas at Arlington, Texas : Majors in Wireless Communications, RF Circuit Design, Data Networks, Digital Communications, and Modern Telecommunications **2000**

BS in EE, VES Institute of Technology, University of Mumbai, Chembur, Mumbai, India : Majors in Analog & Digital Transmission, Digital Signal Processing and Control Systems **1998**

Professional Experience:

RF Design Engineer
LCC International Inc.

Nov 2008 – May 2009

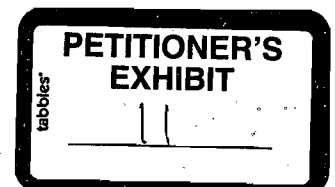
AT&T GSM/UMTS RF Design
Baltimore Washington Market

- Responsibilities included GSM design of cell sites using Atoll as the Propagation tool.
- Justify the new site build and modification needed on the sites to improve coverage issues using RF Engineers Online Reporting Tool (Trident).
- Review of Construction Drawings.
- Perform MPE Analysis on the New Build Sites.
- Co-ordinated with the site development and construction teams to resolve site construction Zoning & Leasing related issues.
- Responsible for selection and evaluation of candidate sites.

RF Design Engineer
LCC International Inc.
AT&T GSM/UMTS Design Support
Atlanta, GA

Apr 2008 – Oct 2008

- Provided RF Data sheet support to the GSM and UMTS Design team to determine the RF solution for the Georgia / AT&T market.
- New Site Build design for GSM and UMTS sites using propagation tool (Atoll).
- Justify the new site build and modification needed on the sites to improve coverage issues using RF Engineers Online Reporting Tool (Trident).
- Monitor sites using SENSR to determine performance issues and outages caused by software and hardware faults.
- Worked on Siteterra to update RF information for the sites.
- Used Microsoft Office Visio to create / modify plumbing diagrams in the RFDS.



Mustaque Mohamed
RF Engineer
Email: mustaque.mohamed@gmail.com
Cell # 303-517-1301

RF Engineer
LCC International, Inc.
Sprint WiMAX Project
Detroit, MI

Aug 2007 – Mar 2008

- Responsible for WiMAX design for the East Michigan market.
- Model Tuning done for the WiMAX Sites and come up with tuned models for 4G sites.
- Worked on Planet EV version 4.3 to generate coverage predictions for the WiMAX sites.
- Preparation of EBTS forms for WiMAX design sites.
- Review of Construction Drawings.
- Review Antenna Sweep Results.
- Perform MPE Analysis on the 4G sites.
- Co-ordinated with the site development and construction teams to resolve site construction, Zoning & Leasing related issues.
- Trained on tools like Composer, XCAL, XCAP, Windcatcher, X-Stream.
- Completed Preplanning Workshop which included Frequency, Preamble and PermBase Plan, Neighbor List Planning, Paging Group Planning, Base Station ID Assignment, ASN –GW Borneo Planning Process, Cluster and Site Acceptance, Motorola- EMS Process.

RF Engineer
LCC International, Inc.
Sprint WiMAX Project
Minneapolis, MN

May 2007 – Aug 2007

- Preliminary WiMAX design for the Minneapolis market using Planet EV as the radioplanning tool.
- Selection of Sites for CW testing based on market morphology and conducting Site Visits.
- Review of CW Drive Test Routes.
- Preparation of EBTS forms for WiMAX design sites

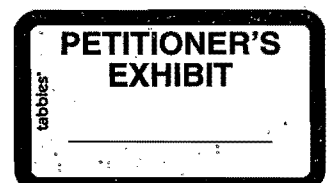
RF Engineer
Wireless Facilities Inc.
Cingular – GSM Project
Phoenix, AZ

Feb 2006 – Feb 2007

- Responsibilities included GSM design of cell sites using Planet EV and Atoll as the radio planning tool.
- Capital Expenditure Justification for the need of all the new GSM sites using Cingular Capital Tool (CST) by verifying cell coverage and identifying coverage holes.
- Running propagation and Coverage analysis for all the GSM sites using Planet EV and Atoll and comparing the predictions with the real data collected from the drive test.
- Analyzed radio utilization and recommended the sectors most needing additional radio resources.
- Recommended parameter changes, downtilts, antenna modifications for improving network performance on cell sites and microcells to meet the objectives for call drops and call blocks.
- Prioritization and Ranking for all the new build sites.
- Generation of monthly MTI Coverage map plots which were used by the Customer Service Representatives and Sales to provide coverage information to the customers and also can be used to provide covered population statistics to state and federal regulatory authorities.
- Issuance of new search rings to meet the design coverage objectives for the market.

RF Engineer
Wireless Facilities Inc.

Mar 2005 – Jan 2006



Mustaque Mohamed
RF Engineer
Email: mustaque.mohamed@gmail.com
Cell # 303-517-1301

Western Wireless Project
Bellevue, WA

- Providing the RF Design team the PCS channels that are available for non-interfering operation, to track preliminary design status for each GSM 1900 site and gather current design parameters for interference study.
- Co-ordinate with design engineers to arrive at a final design that eliminates interference yet meets the design objective.
- Maintain appropriate documentation on a BTA basis with reference to sites, Design configuration, available frequencies, PCNs, cost sharing, interference.
- Perform RF Exposure studies on building / rooftop sites using Roofview tool.

RF Engineer
Wireless Facilities Inc.
Telephia Benchmarking Project
Reston, VA

Jul 2004 – Mar 2005

- Leading the Mobile data team group, providing support to both field and back office teams in the benchmarking project utilizing Andrew Invex 3G equipment.
- Responsibilities include working directly and closely with the clients to ensure that the field operation, data quality and reports are performed and delivered per client's specifications.

RF Engineer
Wireless Facilities Inc.
AWS/Bechtel GSM 850 Overlay Project
Hackensack, NJ

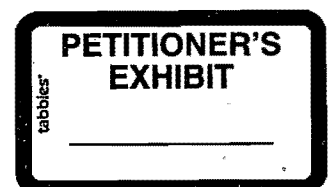
Jun 2003 – Apr 2004

- Worked on GSM 850 overlay design for approximately 1000 sites in New York/New Jersey area
- Determined the RF solution for the GSM 850 overlay for these sites which included antenna swap using diplexers/ hybrid power combiner/ splitter solution, antenna sharing kit approach (ASK) or using multi-carrier power amplifier (MCPA) design
- Performed MPE study for the sites
- Created and maintained database / online tracker for the sites using tools such as RF Web/ e-PM

RF Engineer
Wireless Facilities Inc.
AWS/Bechtel Liberty Project
Boston, MA

Nov 2001 – May 2003

- Fully responsible for design of approximately 80 GSM cell sites
- Conducted visits of candidate sites
- Selection of the right candidate which met the design coverage objectives
- Assisted in Preparing Link Budget for balancing uplink and downlink and calculating cell coverage for planning purpose.
- Generated coverage predictions and interference plots using Radio Propagation tool dB Planner. Suggested to improve the coverage by skewing sectors, Downtilt/Uptilt or by using antennas with better gain.
- Performed CW drive testing of the candidate sites using Grayson software
- Assisted in RF Propagation Model Tuning, Manual and Automatic Frequency Planning.
- Verified and tested the coverage of the existing AWS sites using TEMS equipment



Mustaque Mohamed
RF Engineer
Email: mustaque.mohamed@gmail.com
Cell # 303-517-1301

- Performed Intermod and MPE studies of the selected sites
- Supported Site Acquisition with coverage plots and provided assistance by testifying in zoning hearings.
- Successfully completed the Planet AFP and Traffic Training Course given by Marconi.

Associate RF Engineer
Wireless Facilities Inc.
Triton PCS Benchmarking Project
Richmond, VA

Sep 2001 – Nov 2001

- Performed benchmarking for various cities: Richmond and Norfolk in Virginia and major cities in North and South Carolina.
- Used Comarco equipment for testing.

Associate RF Engineer
Wireless Facilities Inc.
Lucent Technologies/Cricket Wireless CDMA Network Design Project
Lansing, MI

Apr 2001 – Sep 2001

- Responsible for selection and evaluation of candidate sites.
- Utilized software planning tools along with drive test data and site visits to select and approve cell site locations.
- Oversaw Continuous Wave drive tests for the candidate sites using Grayson Software and prepared drive routes.
- Performed post processing of collected data using Mapinfo.
- Created link budget and propagation analysis using Lucent propagation tool CE4.
- Performed site walks and model tuning for the drive tested sites using CE4, PN scanning for the Evansville, Indiana market using Agilent software.

Associate RF Engineer
Wireless Facilities Inc
Qwest Wireless Project
Denver, CO

Sep 2000 – Mar 2001

- Worked on CDMA network design using Planet as the Radio Planning Tool.
- Selected and evaluated candidate sites.
- Performed Continuous Wave drive testing.
- Performed post processing analysis of collected data using MapInfo and HP Analysis.

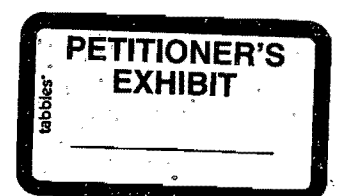
Associate RF Engineer
Wireless Facilities Inc.
San Diego, CA

Jul 2000 – Aug 2000

- Trained in wireless communications, drive testing module, dB Planner/Metricom, CDMA, 3G systems

Graduate Teaching Assistant
University of Texas at Arlington
EE Dept, Electronics Lab
Arlington, TX

Aug 1999 – May 2000



Mustaque Mohamed
RF Engineer
Email: mustaque.mohamed@gmail.com
Cell # 303-517-1301

- Taught students working in the electronics lab how to work with circuit diagrams, and to perform voltage and current measurements using voltmeters, ammeters, ohmmeters and oscilloscopes.
- Graded and evaluated student's exam papers and projects.

Computer Lab Assistant
Ransom Hall, University of Texas at Arlington
Arlington, TX

Jan 1999 – Aug 1999

- Responsible for maintenance of various software packages used in the engineering department.
- Responsible for computer hardware maintenance.

Graduate Trainee Engineer
Siemens India Ltd.
India

Aug 1997 – Mar 1998

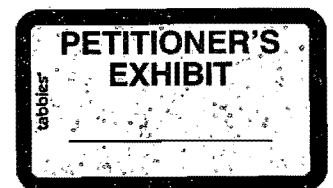
- Worked on development of software in Visual Basic.
- The software served as a "Man-Machine Interface" between the plant operator and the operating station.

Training:

- WiMAX Overview, Design and Performance.
- Atoll- GSM/UMTS Design and Optimization.
- EVDO- Overview, Design and Optimization.
- Planet AFP and Traffic Training Course.
- CDMA TECHNOLOGY: Principles of CDMA, Wonders of CDMA, Traditional Multiple Access Communication, Power Control, Frequency Reuse, Voice Coding
- Detailed Study of WIRELESS ATM: Wireless Technologies, Why Wireless ATM, Wireless ATM Architecture and some selected service aspects.
- Wireless Mobile Networking & Computing: WAP Solution Benefits, WAP Model, Wireless Session Protocol (WSP), Wireless Transaction Protocol (WTP), Wireless Datagram Protocol (WDP)
- Design Of RF Amplifier: Design of an amplifier using a large signal spice model, the simulation tool being Advanced Design System (ADS)
- IP over ATM: Internet Technologies, Differences between IPV4 and IPV6, IP Routing, ATM, Advantages and Disadvantages of ATM, IP/ATM Co-Existence, LAN Emulation (LANE), Classical IP over ATM (CLIP), Next Hop Resolution Protocol (NHRP), Multiprotocol over ATM(MPOA), IP Switching, General Switch Management Protocol (GSMP).

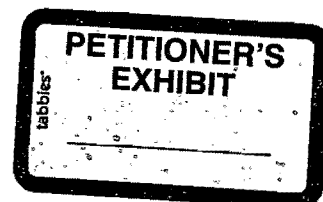
Skills/Computer Literacy:

- dB Planner
- Planet EV
- Atoll
- CE4



Mustaque Mohamed
RF Engineer
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Cell # 303-517-1301

- Mapinfo
- Roofview
- Andrew Invox 3 G
- Grayson Software
- Agilent Software
- TEMS
- COMARCO
- Programming Languages : Pascal, C, Visual Basic, C++
- Packages : Matlab, PSPICE, Advanced Design System (ADS)
- MS-Word, Excel



Nick Berté, P.E.

• 1304 Littlefield Place

• Bel Air, MD 21015

• (C) 585-503-3470

• Nick_Berte@hotmail.com

OVERVIEW A highly motivated project manager experienced in directing a diversified staff in a fast-paced, results-oriented environment. Over nine years of substantial experience in project and construction management, civil site design, pre & post -construction inspection, and drawing preparation. Strong leadership, organization, communication, and interpersonal skills. Seeking a challenging position in industry where these skills will be fully utilized.

TECHNICAL SKILLS

▶ Microsoft Office

▶ AutoCad

▶ Guymast

▶ Photo-Shop

EDUCATION BS Civil Engineering, George Mason University Fairfax VA
PE# (ID# 0420 042370) - (2007)

EXPERIENCE

Project Manager

Dewberry

Mount Laurel, NJ

1/08-Pres

I currently work for the Mount Laurel, NJ office out of a satellite office in Bel Air, MD. I am the primary client manager for AT&T. One of my main job tasks is to supervise engineering and drafting staff in multiple offices. I also negotiate new contracts with clients. I am also involved in marketing, creating the budget, invoicing, managing and creating sub-consultant agreements, writing proposal and charge code set up for projects.

I currently supervise the preparation of documents necessary to build telecommunications facility from the original site design to the as-builts, including survey, lease exhibits, zoning drawings, construction drawings, utility coordination, wetlands, grounding, geotechnical investigation and reports, grading and drainage, storm drain, stream crossing, and structural issues associated with mounting telecommunication equipment to existing buildings and towers.

Project Experience

- ▶ **VA, MD and DC:** Project manager for more than 50 wireless telecommunications facilities for AT&T.

CE Design Lead/Deployment Lead

SAIC

Edgewood, MD

11/05-1/08

While working at SAIC I held two positions as Civil Engineering Design Lead and Deployment Lead for the *JPM Guardian Products Installation Protection Program (IPP)*. The work was based on the design and construction of defense projects at more than 70 CONUS and OCONUS military installations.

As Civil design lead I managed between 6-11 engineers and drafters in three office locations. This included design, review and construction for outdoor Mass Notification Systems. My responsibilities included writing and reviewing construction specifications, review of pile and pad design, statements of work, providing training, performing site visits, construction document review, cost analysis and managing the civil staff capability and availability.

As Deployment Lead I worked directly with DOD clients, overseeing schedule and design considerations. I supervised over 58+ CONUS and OCONUS installation sites. Scheduling pre-fielding meetings with installation personnel, contractors, vendors and SAIC staff. I wrote statements of work to be sent to the vendors and clients. I composed problem reports, change request, non conformance reports and variance reports for site changes due to site constraints and contractor conformances inadequacies.

PETITIONER'S
EXHIBIT

tabbles

12

Project Manager in the Telecommunication Field in the Boston office for Sprint, Nextel, AT&T Wireless- Cingular, Verizon, T-Mobile, and other companies in New England. As the primary client manager for T-Mobile I supervised engineering and drafting staff, preparation of documents for presentation to land owners, zoning boards, building departments and general contractors.

Supervised the preparation of documents necessary to build telecommunications facilities from the original site design to the as-builts, including survey, lease exhibits, zoning drawings, utility coordination, wetlands, grounding, geotechnical investigation and reports. This includes engineering tasks such as budget planning, proposal writing, grading and drainage, storm drain, stream crossing, and structural issues associated with mounting telecommunication antennas to existing structures.

Project Experience

- **MA, NH, DC, RI, NJ, NY and ME:** Project manager responsible for development of zoning drawings and construction drawings for more than 240 wireless telecommunications facilities for various carriers.
- **Gloucester, MA:** Inspector for construction of approximately 16,000 linear feet of water main to replace existing outdated water main.
- **Canandaigua, NY:** Inspector of the North street roadway construction improvement project.
- **Ithaca NY:** Design of bike trail for the city of Ithaca, NY

Project Engineer/ Manager

Alcoa / AFL Communication, Parsippany, NJ

10/02-1/03

Assigned as Project Engineer/Manager to the T- Mobile turnkey expansion project for NYC 2002. Completed design computations, developed design criteria, designed sketches, preliminary plans, reports, time and expense estimates, and economic comparisons to help complete over 45 telecommunication sites in NYC and surrounding areas. Responsibilities included, but not limited to the following:

- Designed telecommunication equipment framing structures for rooftop sites
- Provided clients with LOS (line of sight) technology using USGS maps with the use of ArcView GIS software.

Project Engineer

URS Corporation, Washington, DC and Tampa, FL

10/00-9/02

Designed and managed 75 Telecommunication sites including tower analysis, surveys, lease exhibits, zoning drawings, utility coordination, wetlands and construction drawings. Clients included VoiceStream, Sprint PCS, Metricom, AT&T Wireless, Alltel and Nextel Communications.

- Retrofit designs for failing or inadequate towers.
- Site design and development of raw land, colo's, and TI of existing telecommunication sites.
- Project management of Inventory analysis for organization of client's merchandise.

Other

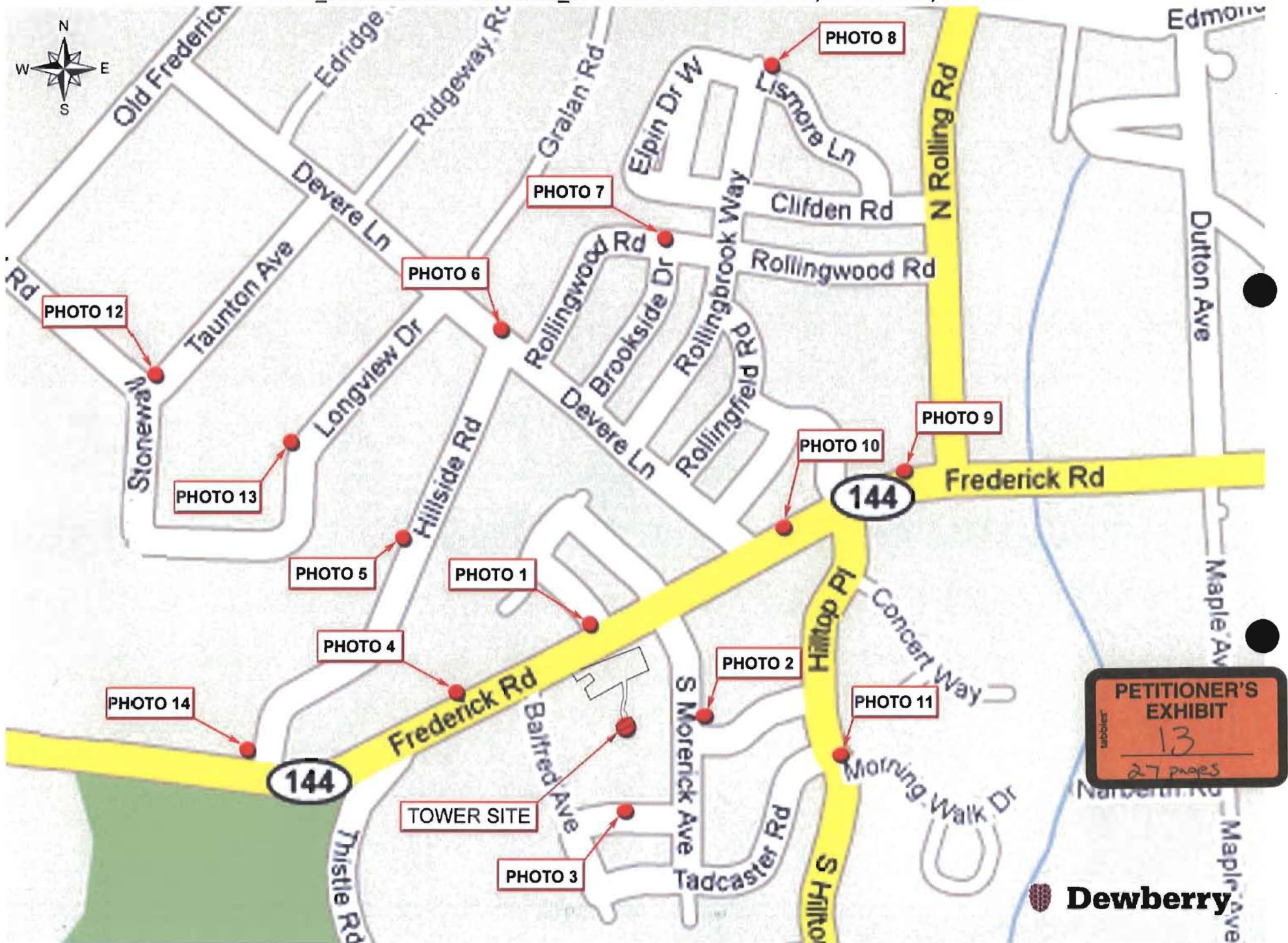
1/97-10/00

- The Engineering Group-Civil Engineer/Water Resource Engineering Leesburg, VA 6/00-10/00
- Fairfax Co. Critical Structures- Structural Eng./ Field Inspector Fairfax, VA 4/99-5/00
- Christopher Consultants- Civil Engineering Fairfax, VA 9/98-4/99
- BC Consultants-Civil Engineering Fairfax, VA 1/98-9/98
- Fairfax Co. Water Authority Fairfax, VA 5/97-1/98

HONORS AND ACTIVITIES

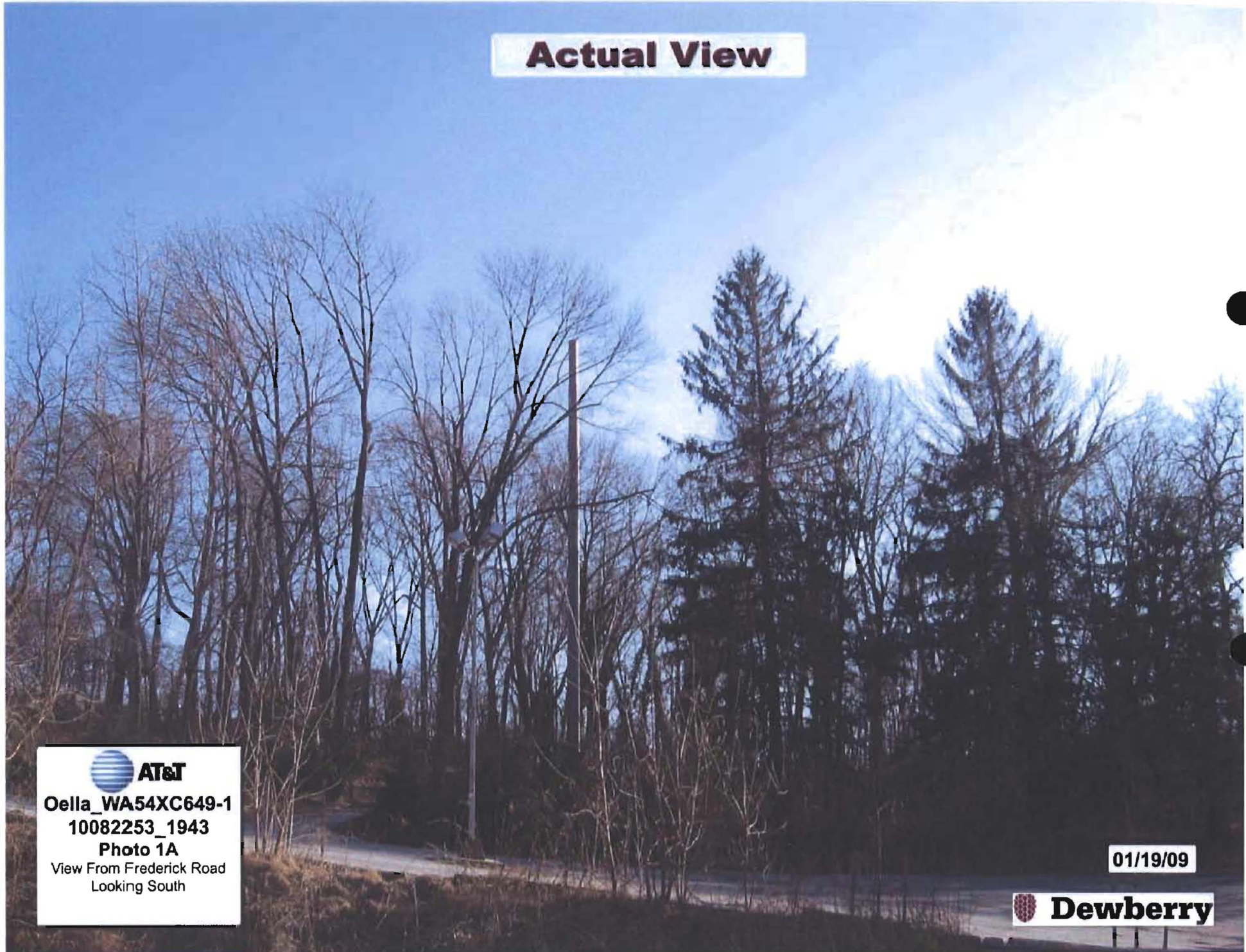
- VA Wildlife Rescue League award 2008
- President of the American Society of Civil Engineers ASCE at GMU 2000. (Member since 2000)
- Outstanding Student Achievement Award GMU 2000.

REFERENCES On Request



PETITIONER'S
EXHIBIT
13
27 pages

Actual View



Oella_WA54XC649-1
10082253_1943
Photo 1A
View From Frederick Road
Looking South

01/19/09



Proposed View

Proposed 24' Monopole Extension
Using (2)-12' Canisters

 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 1B
View From Frederick Road
Looking South

01/19/09

 **Dewberry**

Actual View

Balloon at 119'



 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 1A
View From Frederick Road
Looking South

08/03/09

 **Dewberry**

Proposed View

Proposed 24' Monopole Extension
Using (2)-12' Canisters

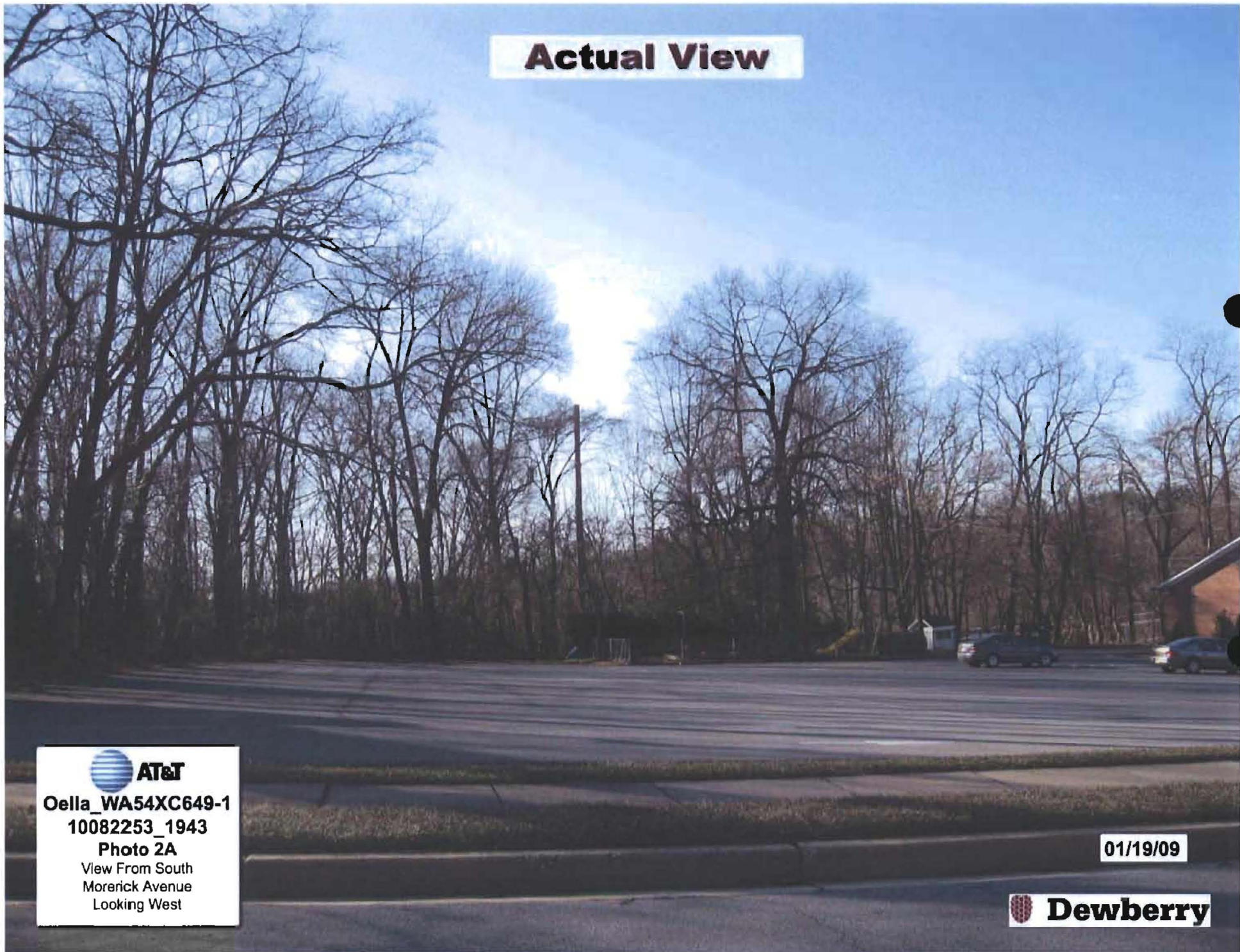


 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 1B
View From Frederick Road
Looking South

08/03/09

 **Dewberry**

Actual View



Oella_WA54XC649-1

10082253_1943

Photo 2A

View From South
Morerrick Avenue
Looking West

01/19/09



Proposed View

Proposed 24' Monopole Extension
Using (2)-12' Canisters

 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 2B
View From South
Morenick Avenue
Looking West

01/19/09

 **Dewberry**

Actual View

Balloon at 119'



 **AT&T**
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10082253_1943
Photo 2A
View From South
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08/03/09

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Using (2)-12' Canisters



Oella_WA54XC649-1

10082253_1943

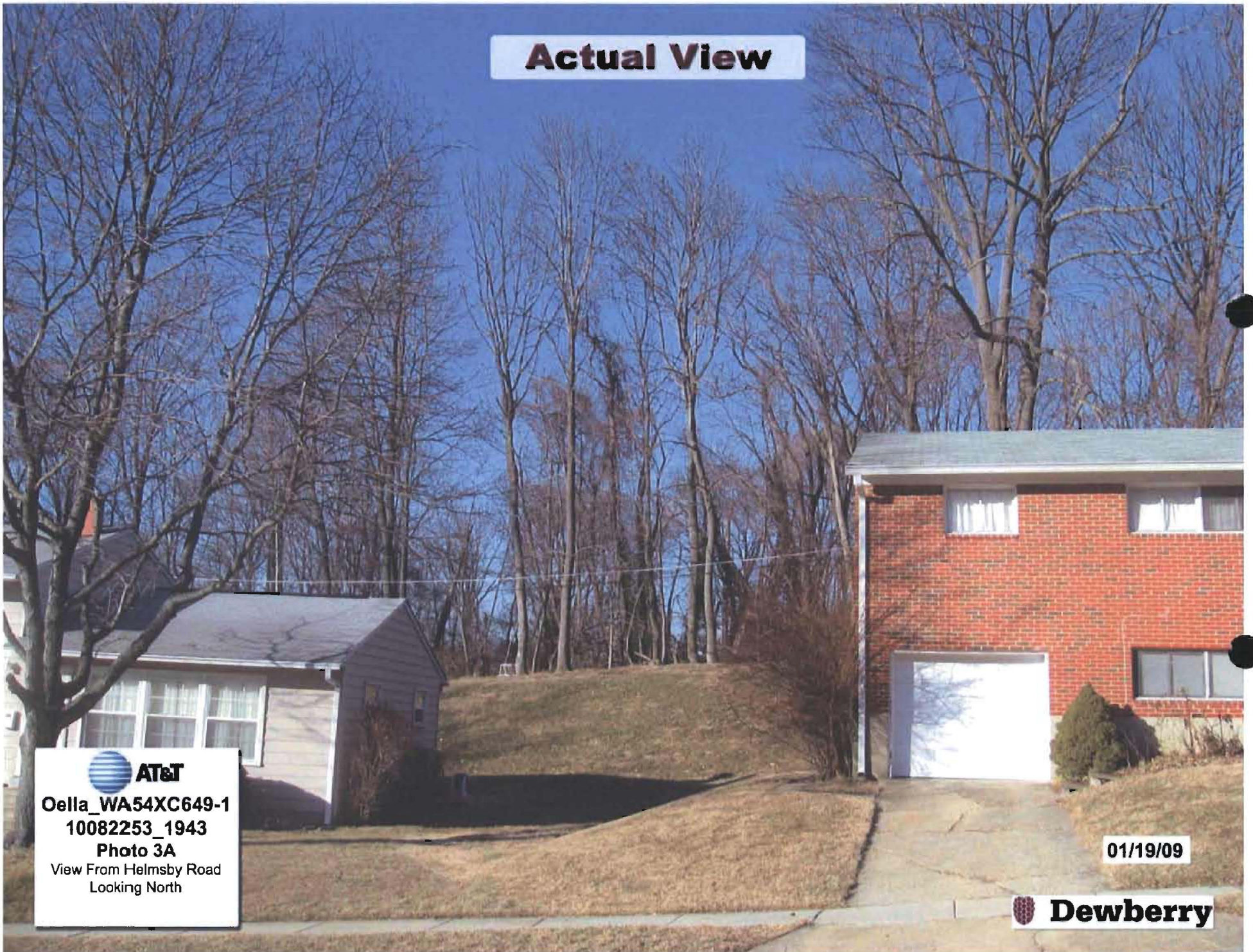
Photo 2B

View From South
Morerick Avenue
Looking West

08/03/09

 **Dewberry**

Actual View



 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 3A
View From Helmsby Road
Looking North

01/19/09

 **Dewberry**

Proposed View

Proposed 24' Monopole Extension
Using (2)-12' Canisters

 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 3B
View From Helmsby Road
Looking North

01/19/09

 **Dewberry**

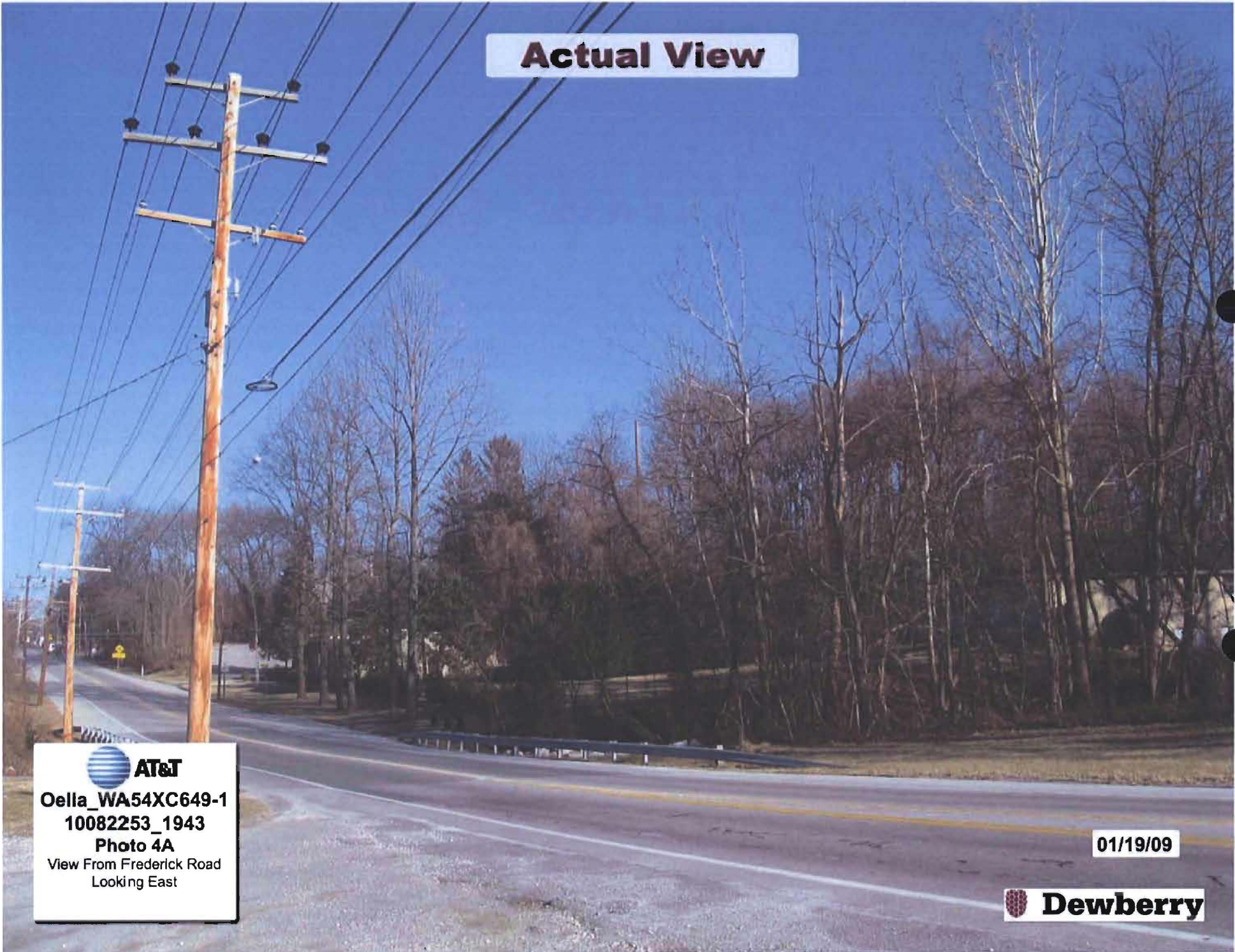
**Actual View
Not Visible**

 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 3A
View From Helmsby Road
Looking North

08/03/09

 **Dewberry**

Actual View




 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 4A
View From Frederick Road
Looking East

01/19/09

 **Dewberry**

Proposed View

Proposed 24' Monopole Extension
Using (2)-12' Canisters

 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 4B
View From Frederick Road
Looking East

01/19/09

 **Dewberry**

Actual View

Balloon at 119'

 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 4A
View From Frederick Road
Looking East

08/03/09

 **Dewberry**

Proposed View

Proposed 24' Monopole Extension
Using (2)-12' Canisters



Oella_WA54XC649-1
10082253_1943
Photo 4B
View From Frederick Road
Looking East

08/03/09

 **Dewberry**

Actual View

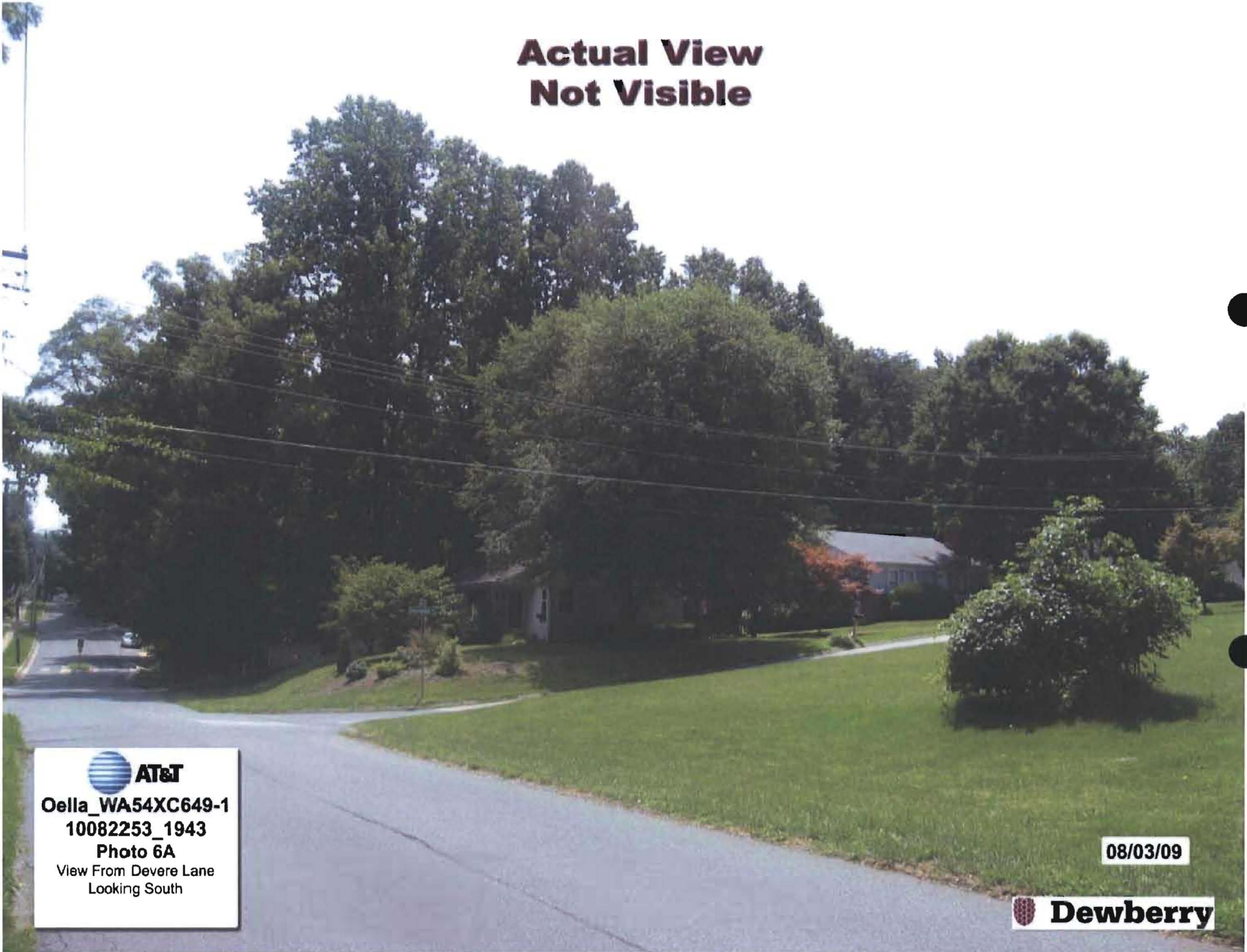
Balloon at 119'

 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 5A
View From Hillside Road
Looking South-East

08/03/09

 **Dewberry**

**Actual View
Not Visible**



 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 6A
View From Devere Lane
Looking South

08/03/09

 **Dewberry**

**Actual View
Not Visible**

 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 7A
View From Rollingwood Road
Looking South

08/03/09

 **Dewberry**

**Actual View
Not Visible**

 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 8A
View From Lismore Lane
Looking South

08/03/09

 **Dewberry**

**Actual View
Not Visible**

 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 9A
View From Fredrick Road
Looking South-West

08/03/09

 **Dewberry**

Actual View

Balloon at 119'

 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 10A
View From Fredrick Road
Looking South-West

08/03/09

 **Dewberry**

Proposed View

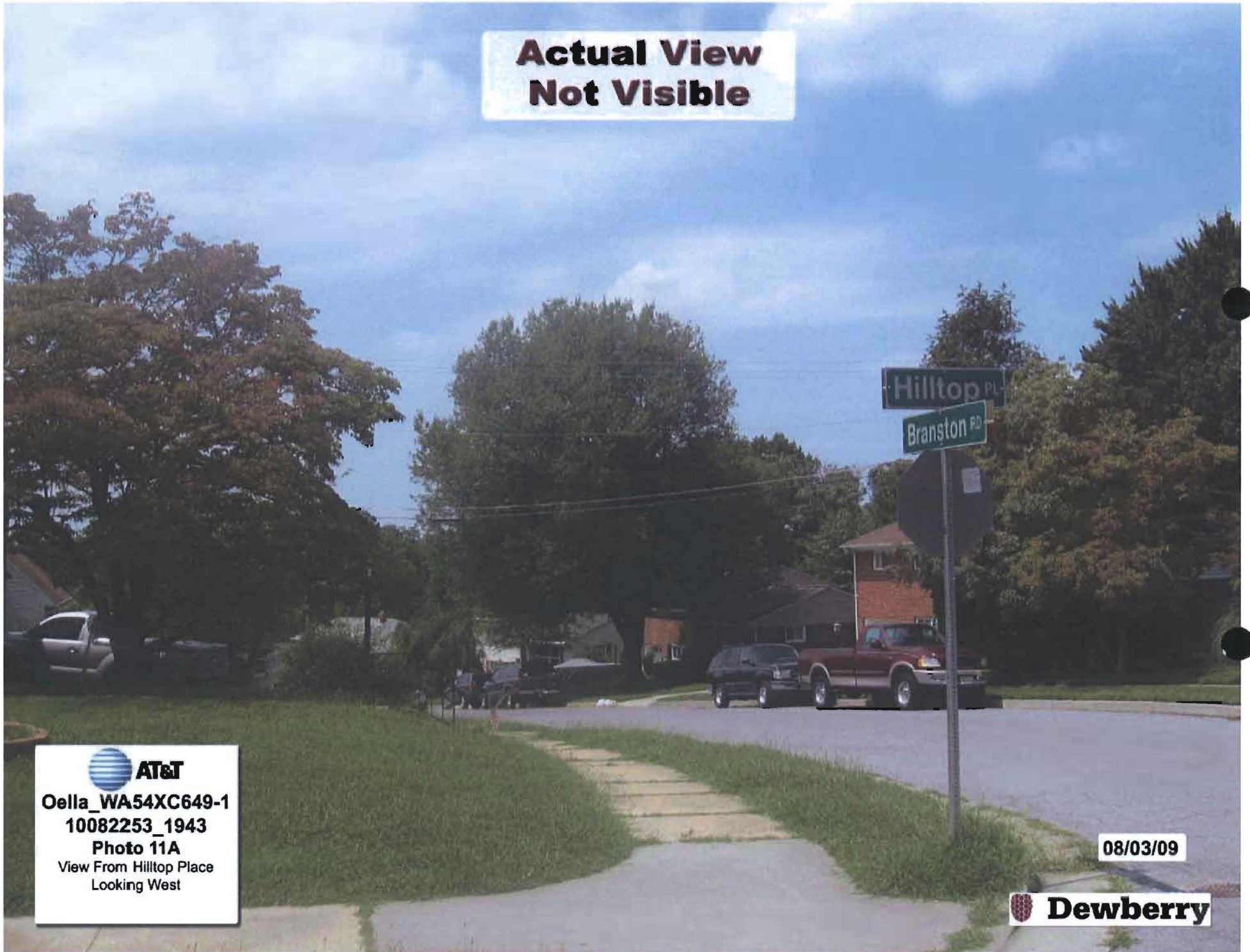
Proposed 24' Monopole Extension
Using (2)-12' Canisters

 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 10B
View From Fredrick Road
Looking South-West

08/03/09

 **Dewberry**

**Actual View
Not Visible**



 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 11A
View From Hilltop Place
Looking West

08/03/09

 **Dewberry**

**Actual View
Not Visible**

 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 12A
View From Stonewall Road
Looking South-East

 **Dewberry**

Actual View

Balloon at 119'

 **AT&T**
Oella_WA54XC649-1
10082253_1943
Photo 13A
View From Longview Drive
Looking South-East

 **Dewberry**

**Actual View
Not Visible**

Hillside RD



Oella_WA54XC649-1
10082253_1943
Photo 14A
View From Frederick Road
Looking East

08/03/09

 **Dewberry**

PRIOR ZONING APPROVAL

PRIOR ZONING APPROVAL—CASE #04-449XA GRANTED A SPECIAL EXCEPTION TO BUILD A 95' STEALTH MONOPOLE IN A D.R.5.5 ZONING DISTRICT AND A VARIANCE WAS GRANTED TO ALLOW A SIDE YARD SETBACK OF 73' IN LIEU OF THE REQUIRED 200'.

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF ADDING A 24' STEALTH EXTENSION TO AN EXISTING 95' TALL STEALTH MONOPOLE AND EXTENDING A FENCED EQUIPMENT COMPOUND SO THAT AT&T CAN INSTALL 6 NEW ANTENNAS AT CENTERLINE HEIGHTS OF 100' AND 116'.

PROJECT INFORMATION

APPLICANT ADDRESS: AT&T
7150 STANDARD DRIVE
HANOVER, MD 21706
• Zoning Map# 100c2
• No flood zone
• No historic district

JURISDICTION: BALTIMORE COUNTY

PROPERTY OWNER: STAGCO CORPORATION

COUNCILMATIC DISTRICT: 1ST

ELECTION DISTRICT: 1ST

LATITUDE: N 39° 15' 55.62" (NAD 83)

LONGITUDE: W -76° 45' 44.13" (NAD 83)

AMSL: ±375.6' (NAVD 88)

PROJECT CONTACTS

1. AT&T PROJECT MANAGER: CAROLYN MITCHELL
PHONE: 410-712-7754

2. SITE OWNER: STAGCO CORPORATION
2021 FREDERICK ROAD
BALTIMORE, MD 21228

DRAWING INDEX

REV

1943-01	TITLE SHEET	0
1943-02	OVERALL SITE PLAN	0
1943-03	DETAILED SITE PLAN AND ELEVATION VIEW	0

AT&T CONSTRUCTION _____ DATE _____ AT&T RF _____ DATE _____

AT&T COMPLIANCE _____ DATE _____ AT&T REAL ESTATE _____ DATE _____

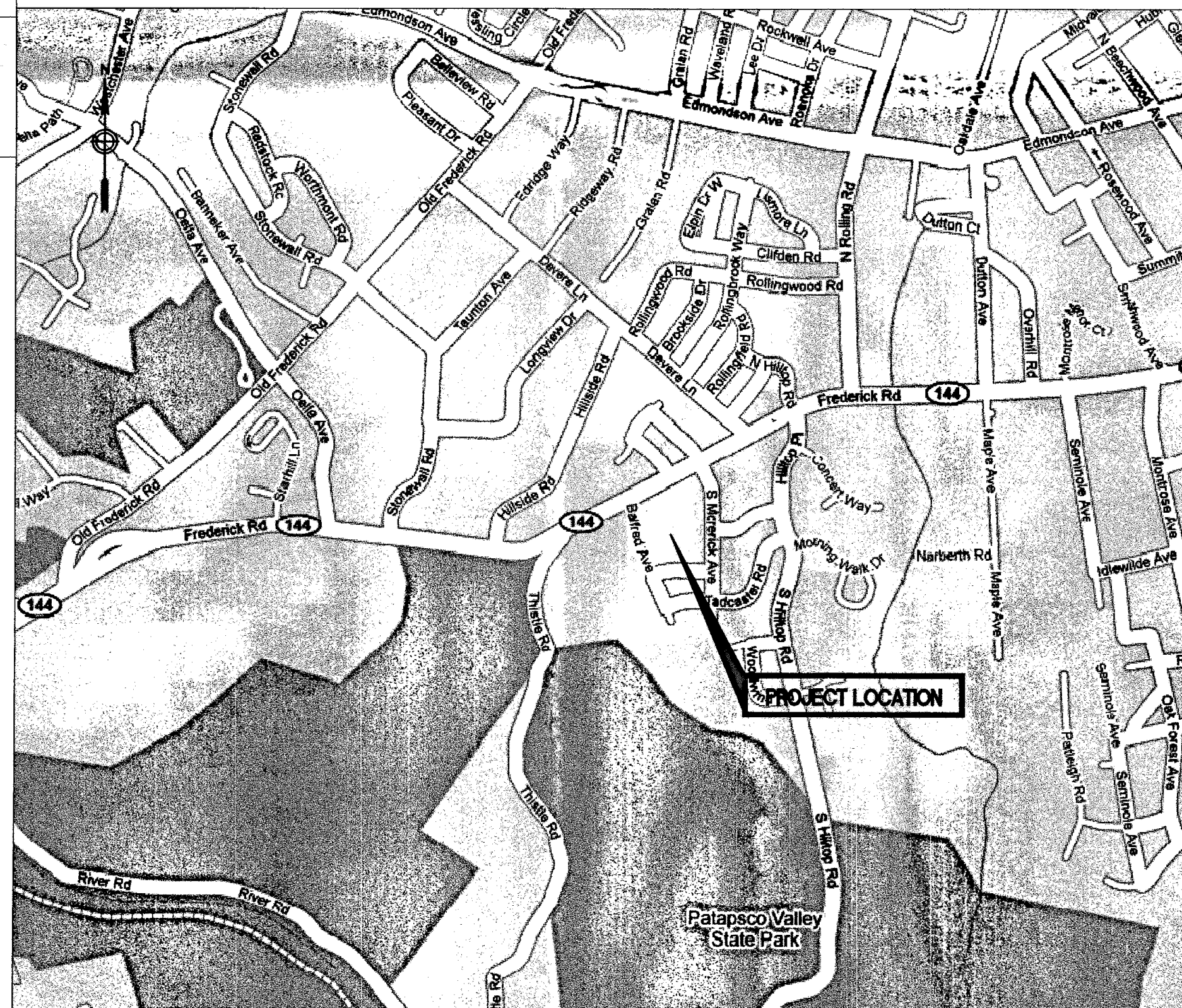


**OELLA_WA54XC649-1
10082253_1943**

**SITE PLAN/DRAWINGS TO ACCOMPANY
PETITION FOR SPECIAL HEARING**

VICINITY MAP

DIRECTIONS: (FROM AT&T HANOVER OFFICE) HEAD SOUTHWEST ON STANDARD DRIVE TOWARD PARKWAY DRIVE. TURN LEFT AT PARKWAY DRIVE. TURN RIGHT AT PARK CIRCLE DRIVE. TURN LEFT AT COCA-COLA DRIVE. TAKE THE RAMP ONTO MD-100 WEST. TAKE EXIT 5A-B TO MERGE ONTO I-95 NORTH TOWARD BALTIMORE. TAKE EXIT 47A-B TO MERGE ONTO MD-166 NORTH TOWARD CATONSVILLE. SLIGHT RIGHT AT SOUTH ROLLING ROAD. TURN LEFT AT FREDERICK RD/MD-144 AND ARRIVE AT SITE.

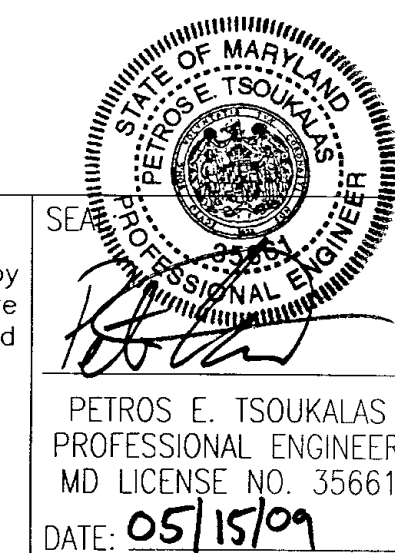


SCALE: 1" = 1000' FOR 24"x36" DRAWINGS

GENERAL NOTES

- SITE AND BOUNDARY INFORMATION OBTAINED FROM THE FOLLOWING:
 - EXISTING PLAN ENTITLED "SS-USA CATONSVILLE", PREPARED FOR T-MOBILE NORTHEAST LLC. PREPARED BY DMW INC. OF TOWSON, MD LAST REVISED ON 1/22/07.
 - MARYLAND DEPARTMENT OF ASSESSMENTS AND TAXATION WEBSITE (HTTP://WWW.DAT.STATE.MD.US/)
 - BALTIMORE COUNTY WEBSITE (HTTP://BALTIMORECOUNTY.MD.GOV)
 - LIMITED FIELD OBSERVATIONS PERFORMED BY DEWBERRY-GOODKIND, INC. ON 04/23/08. A SURVEY TO VERIFY THE ACCURACY OF THE INFORMATION PROVIDED ON THE EXISTING SITE PLANS REFERENCED HAS NOT BEEN CONDUCTED BY DEWBERRY-GOODKIND, INC. THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.
 - SURVEY ENTITLED "TOPO-LOCATION", PERFORMED BY DEWBERRY-GOODKIND INC. OF LANHAM, MD DATED 01/09/09.
- THIS PROJECT CONSISTS OF ADDING A 24' STEALTH EXTENSION TO AN EXISTING 95' TALL STEALTH MONOPOLE AND EXTENDING A FENCED EQUIPMENT COMPOUND SO THAT AT&T CAN INSTALL 6 NEW ANTENNAS AT CENTERLINES HEIGHT OF 100' AND 116'.
- THE PROPOSED FACILITY IS UNMANNED AND IS NOT FOR HUMAN HABITATION. (NO HANDICAP ACCESS IS REQUIRED)
- NO NOISE, SMOKE, DUST, VAPORS OR ODOR WILL RESULT FROM THIS PROPOSAL.
- EXTERIOR SIGNS ARE NOT PROPOSED EXCEPT AS REQUIRED BY THE FCC.
- TOTAL AREA OF DISTURBANCE UNDER THIS PROPOSAL: 445 S.F.
- THE PROPOSED FACILITY WILL CAUSE ONLY AN INSIGNIFICANT ("DE MINIMUS") INCREASE IN STORMWATER RUNOFF, THEREFORE, NO DRAINAGE STRUCTURES ARE PROPOSED.
- ALL CONSTRUCTION FOR SITE IMPROVEMENTS SHALL CONFORM TO APPLICABLE SPECIFICATIONS, STANDARDS, AND REQUIREMENTS OF THE GOVERNMENTAL OR UTILITY AUTHORITIES HAVING JURISDICTION.
- ALL CONSTRUCTION AND DESIGN FOR THE PROPOSED ANTENNA MOUNTS SHALL CONFORM IN ACCORDANCE WITH THE CURRENT STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES (TIA/EIA-222-G) REVISED, JANUARY 2006.
- POWER TO THE FACILITY WILL BE MONITORED BY A SEPARATE METER.
- DRIVEWAY PERMIT IS NOT REQUIRED. ACCESS SHALL BE VIA EXISTING EASEMENT.
- THIS PROJECT WILL NOT REQUIRE STREETS OR PROPERTY TO BE DEDICATED FOR PUBLIC USE.
- THIS PROJECT WILL NOT REQUIRE PERMANENT MONUMENTS.
- THE APPLICANT INVESTIGATED THE POTENTIAL OF WETLANDS BEING PRESENT ON THE PROPERTY AND DETERMINED THAT NONE EXIST.
- ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP OF BALTIMORE COUNTY, MD COMMUNITY PANEL 240010 0370 B DATED MARCH 2, 1981, THE SITE IS LOCATED WITHIN ZONE C - AREAS OF MINIMAL FLOODING
- SITE IS NOT LOCATED WITHIN THE CHESAPEAKE BAY CRITICAL AREA

Case # 2009 0304 SPH



TITLE SHEET		
PROJECT NUMBER: 50013654		
DRAWING NUMBER	REV	
24782-432	1943-01	0

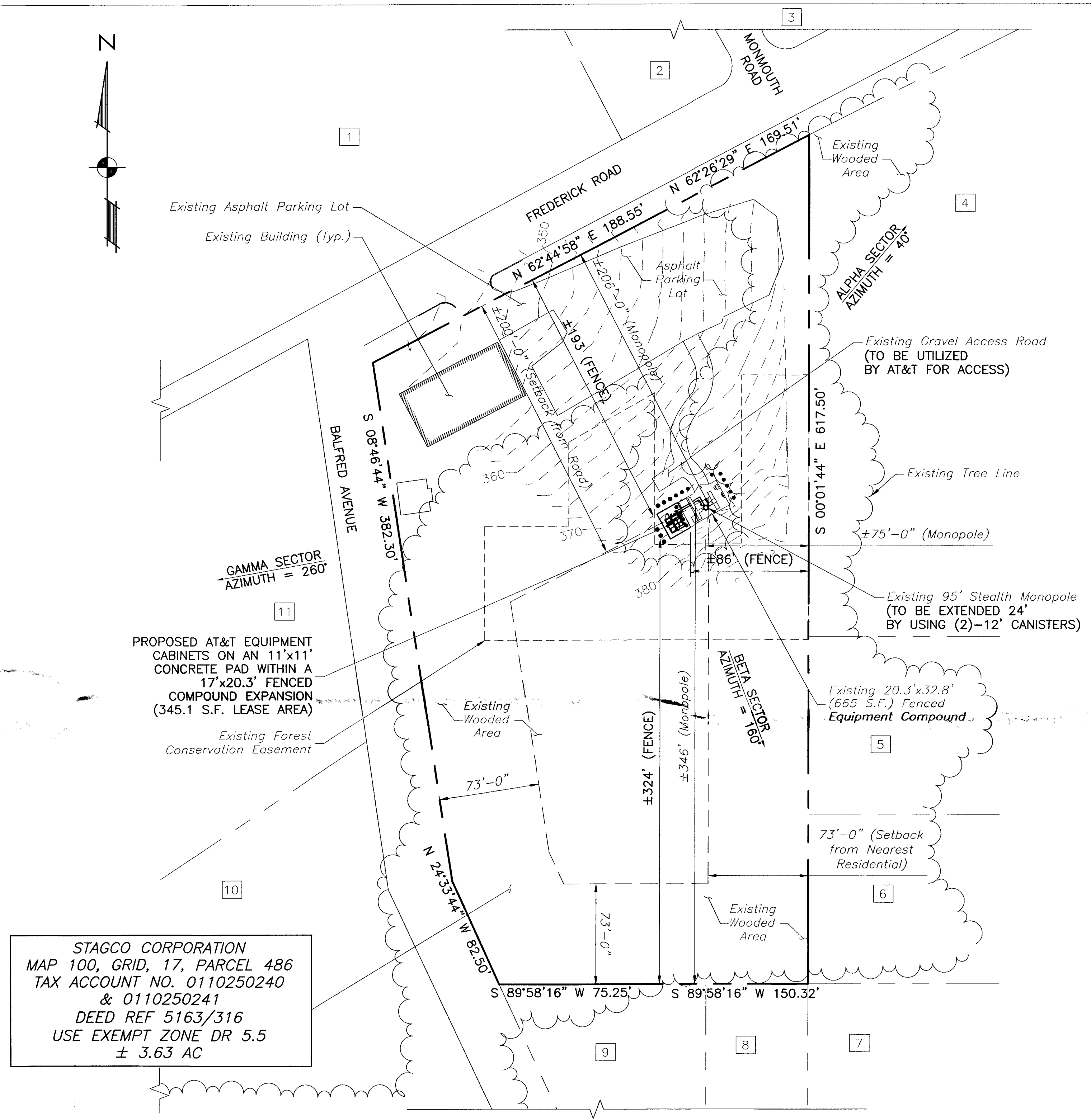
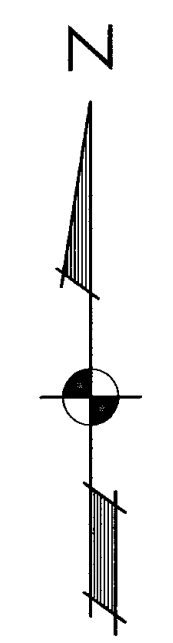


**OELLA_WA54XC649-1
10082253_1943**
2021 FREDERICK ROAD
CATONSVILLE, MD 21228



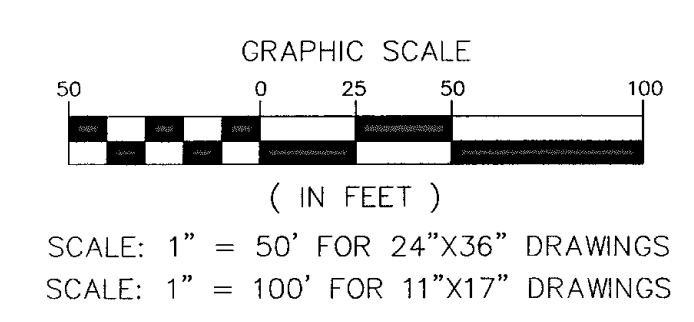
NO.	DATE	REVISIONS	BY	CHK	APP'D
0	05/15/09	ISSUED FOR ZONING PERMITTING	CMA	CJZ	PET
SCALE: AS SHOWN		DESIGNED BY: CMA	DRAWN BY: CMA		

"Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland License No. 35661, Expiration Date: June 30, 2010."



STAGCO CORPORATION
 MAP 100, GRID, 17, PARCEL 486
 TAX ACCOUNT NO. 0110250240
 & 0110250241
 DEED REF 5163/316
 USE EXEMPT ZONE DR 5.5
 ± 3.63 AC

OVERALL SITE PLAN



SYMBOLS AND MATERIALS

	CONCRETE
	EARTH
	GRAVEL
	SAND
	DETAIL REFERENCE
	SECTIONS & DETAILS

ADJACENT PROPERTY OWNERS LIST

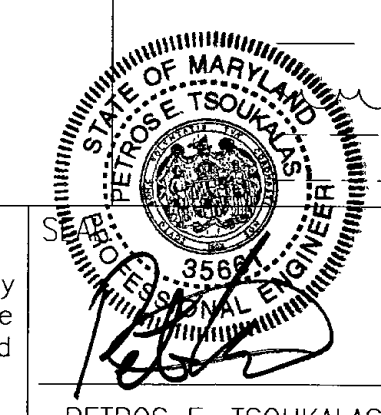
REF. #	MAP/GRID/PARCEL	OWNER	OWNER ADDRESS	ZONE
1	100/47/1242	KULP, SHELA M.	99 ROLLINGBROOK WAY BALTIMORE MD 21228	DR 5.5
2	100/11/454	URENO, JEANNIE L.	2 MONMOUTH ROAD BALTIMORE MD 21228	DR 5.5
3	100/11/454	HOWE, MATTHEW W, HOWE, ERIN M.	1 MONMOUTH ROAD BALTIMORE MD 21228	DR 5.5
4	100/17/490	VESTRY OF THE BISHOP CUMMINS MEMORIAL OF THE CITY OF BALTIMORE	2001 FREDERICK ROAD BALTIMORE, MD 21228	DC 5.5
5	100/17/1328	MYERS, DAVID P, MYERS, BARBARE E.	16 SOUTH MORERICK AVENUE BALTIMORE, MD 21228	DR 5.5
6	100/17/994	MILLER, JANET H.	20 SOUTH MORERICK AVENUE BALTIMORE, MD 21228	DR 5.5
7	100/17/649	EVERETT, DONALD R.	2006 HELMSBY ROAD BALTIMORE, MD 21228	DR 5.5
8	100/17/649	BATEMAN, BRIAN J, BATEMAN, HEATHER A.	2008 HELMSBY ROAD BALTIMORE, MD 21228	DR 5.5
9	100/17/649	MCGROW, GEORGE M.	2010 HELMSBY ROAD BALTIMORE, MD 21228	DR 5.5
10	100/17/537	CAIN, RONALD R, CAIN, CHARLOTTE L.	16 Balfred AVENUE BALTIMORE, MD 21228	DR 3.5
11	100/17/537	VESTRY OF THE BISHOP CUMMINS MEMORIAL OF THE CITY OF BALTIMORE	2001 FREDERICK ROAD BALTIMORE, MD 21228	DR 3.5

ZONE DEFINITIONS

ZONE ID	DEFINITION
DR	DENSITY RESIDENTIAL

LEGEND

	PROPERTY LINE
	ADJACENT PROPERTY LINE
	BOARD ON BOARD FENCE LINE
	HEAVY LINEWEIGHT INDICATES PROPOSED FACILITIES
	LIGHT LINEWEIGHT INDICATES EXISTING FACILITIES
	MINOR CONTOURS
	MAJOR CONTOURS
	TREELINE
	YARD SETBACK
	FOREST CONSERVATION DISTRICT



"Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland License No. 35661, Expiration Date: June 30, 2010."

PETROS E. TSOUKALAS
 PROFESSIONAL ENGINEER
 MD LICENSE NO. 35661
 DATE: 05/15/09

OVERALL SITE PLAN

PROJECT NUMBER: 50013654

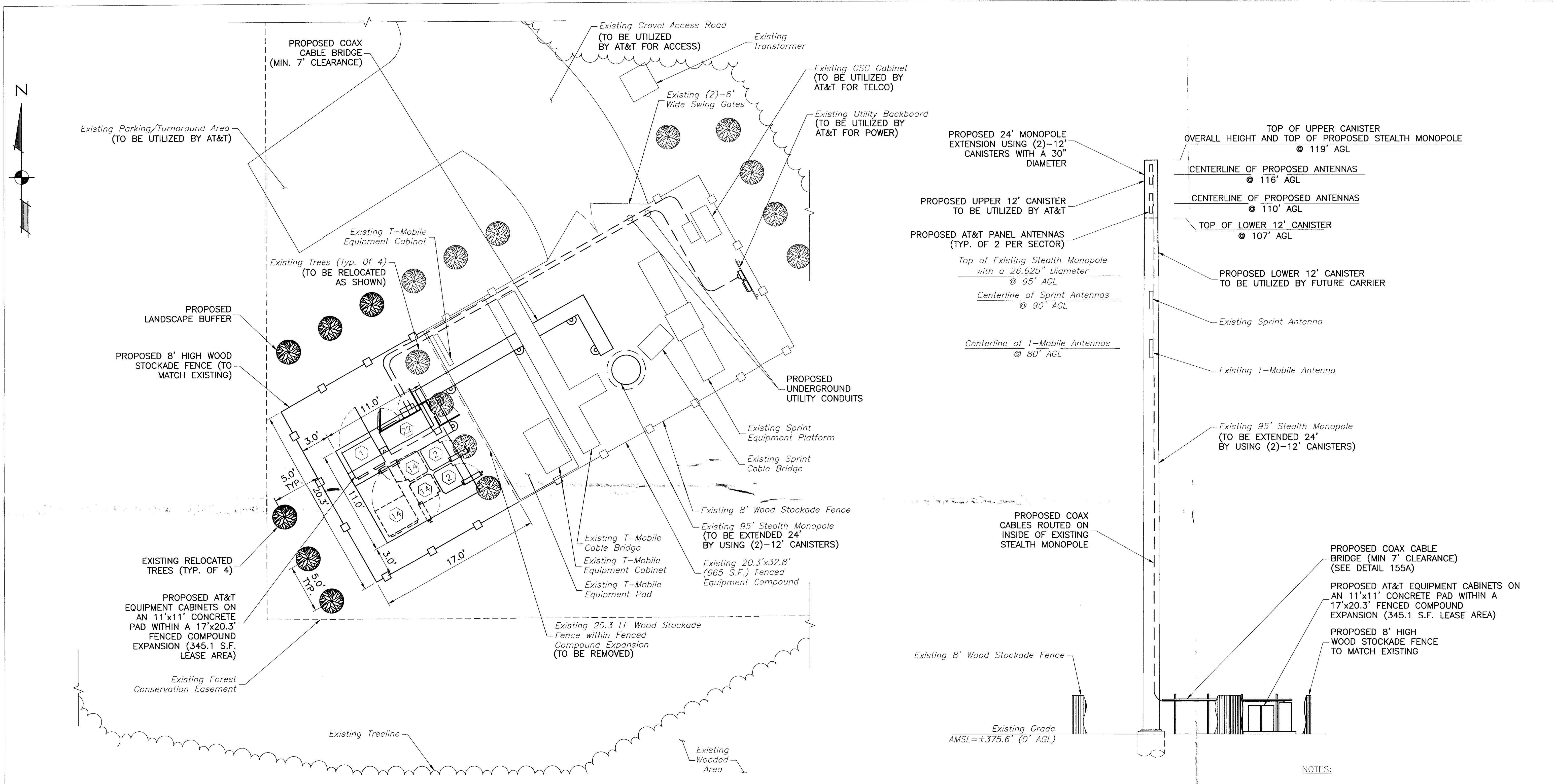
NO.	DATE	ISSUED FOR ZONING PERMITTING	CMA	CJZ	PET
0	05/15/09	ISSUED FOR ZONING PERMITTING	CMA	CJZ	PET
SCALE: AS SHOWN		DESIGNED BY: CMA	DRAWN BY: CMA		

DRAWING NUMBER	REV
24782-432	1943-02
	0

Dewberry[®]
 Dewberry-Goodkind, Inc.
 EASTGATE BUSINESS CENTER
 133 GAITHER DRIVE, SUITE F
 MT. LAUREL, NEW JERSEY 08054
 PHONE: 856.802.0843
 FAX: 856.802.0846

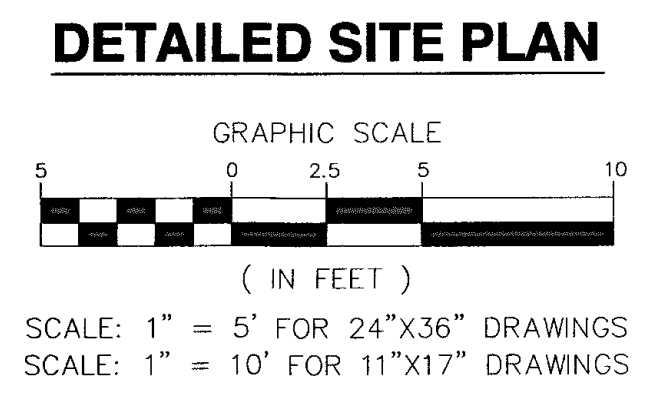
OELLA_WA54XC649-1
 10082253_1943
 2021 FREDERICK ROAD
 CATOWERSVILLE, MD 21228

at&t
 MOBILITY
 7150 STANDARD DRIVE
 HANOVER, MD 21076



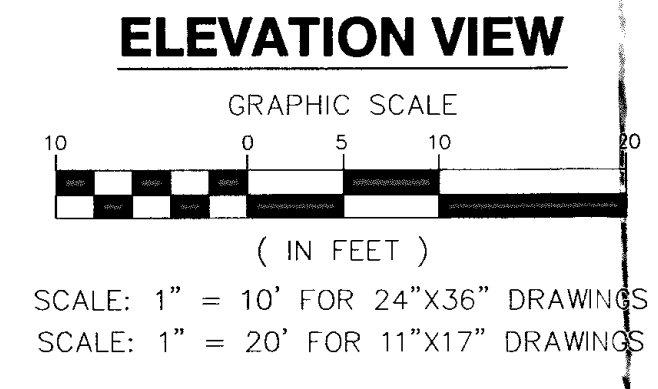
EQUIPMENT LEGEND

①	LUCENT NODE B
②	NOKIA BTS
⑭	GROWTH CABINET
⑳	TWO BAY PURCELL



LEGEND

—	HEAVY LINWEIGHT INDICATES PROPOSED FACILITIES
---	LIGHT LINWEIGHT INDICATES EXISTING FACILITIES
—□—	BOARD ON BOARD FENCE LINE
~	TREELINE
---	UNDERGROUND UTILITIES
- - - -	FOREST CONSERVATION DISTRICT



- NOTES:**
1. A STRUCTURAL ANALYSIS TO DETERMINE IF THE MONOPOLE AND FOUNDATION CAN ADEQUATELY SUPPORT THE PROPOSED LOADING IS TO BE PERFORMED BY OTHERS.
 2. SUBCONTRACTOR SHALL NOT PROCEED WITH CONSTRUCTION UNTIL ADEQUACY OF THE MONOPOLE AND FOUNDATION WITH PROPOSED LOADING CONDITIONS IS CONFIRMED BY AT&T.
 3. THE DESIGN OF THE STEALTH MONOPOLE EXTENSION, CANISTERS, AND ANTENNA MOUNTS TO BE DONE BY OTHERS

Dewberry
 Dewberry-Goodkind, Inc.
 EASTGATE BUSINESS CENTER
 133 GAITHER DRIVE, SUITE F
 MT. LAUREL, NEW JERSEY 08054
 PHONE: 856.802.0843
 FAX: 856.802.0846

OELLA_WA54XC649-1
10082253_1943
 2021 FREDERICK ROAD
 CATONSVILLE, MD 21228

at&t
MOBILITY
 7150 STANDARD DRIVE
 HANOVER, MD 21076

0	05/15/09	ISSUED FOR ZONING PERMITTING	CMA	CJZ	PET
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE:	AS SHOWN	DESIGNED BY:	CMA	DRAWN BY:	CMA

"Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland License No. 35661, Expiration Date: June 30, 2010."

STATE OF MARYLAND
PROFESSIONAL ENGINEER
PETROS L. TSOUKALAS
 License No. 35661, Expiration Date: 05/15/10

DETAILED SITE PLAN AND ELEVATION VIEW

PROJECT NUMBER: 50013654

DRAWING NUMBER	REV
24782-432	1943-03
	0

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF ADDING A 24' STEALTH EXTENSION TO AN EXISTING 95' TALL STEALTH MONOPOLE AND EXTENDING A FENCED EQUIPMENT COMPOUND SO THAT AT&T CAN INSTALL 6 NEW ANTENNAS AT A CENTERLINE HEIGHT OF 100' AND 116'.

PROJECT INFORMATION

APPLICANT ADDRESS: AT&T
7150 STANDARD DRIVE
HANOVER, MD 21706

JURISDICTION: BALTIMORE COUNTY

PROPERTY OWNER: STAGCO CORPORATION

COUNCILMATIC DISTRICT: 1ST

ELECTION DISTRICT: 1ST

LATITUDE: N 39° 15' 55.62" (NAD 83)

LONGITUDE: W -76° 45' 44.13" (NAD 83)

AMSL: ±375.6' (NAVD 88)

RF DATA SHEET

DATE ISSUED: 5/12/08 VERSION: YS_1.0

CODE ANALYSIS

APPLICABLE BUILDING CODE: INTERNATIONAL BUILDING CODE 2006 (W/ LOCAL AMENDMENTS)

APPLICABLE ELECTRICAL CODE: NEC 2006 (W/ LOCAL AMENDMENTS)

PROJECT CONTACTS

1. AT&T PROJECT MANAGER: CAROLYN MITCHELL
PHONE: 410-712-7754

2. SITE OWNER: STAGCO CORPORATION
2021 FREDERICK ROAD
BALTIMORE, MD 21228

DRAWING INDEX

	REV
1943-01 TITLE SHEET	4
1943-02 OVERALL SITE PLAN	4
1943-03 DETAILED SITE PLAN AND ELEVATION VIEW	4
1943-04 CONSTRUCTION DETAILS - 1	4
1943-05 CONSTRUCTION DETAILS - 2	4

AT&T CONSTRUCTION DATE AT&T RF DATE

AT&T COMPLIANCE DATE AT&T REAL ESTATE DATE

GENERAL NOTES

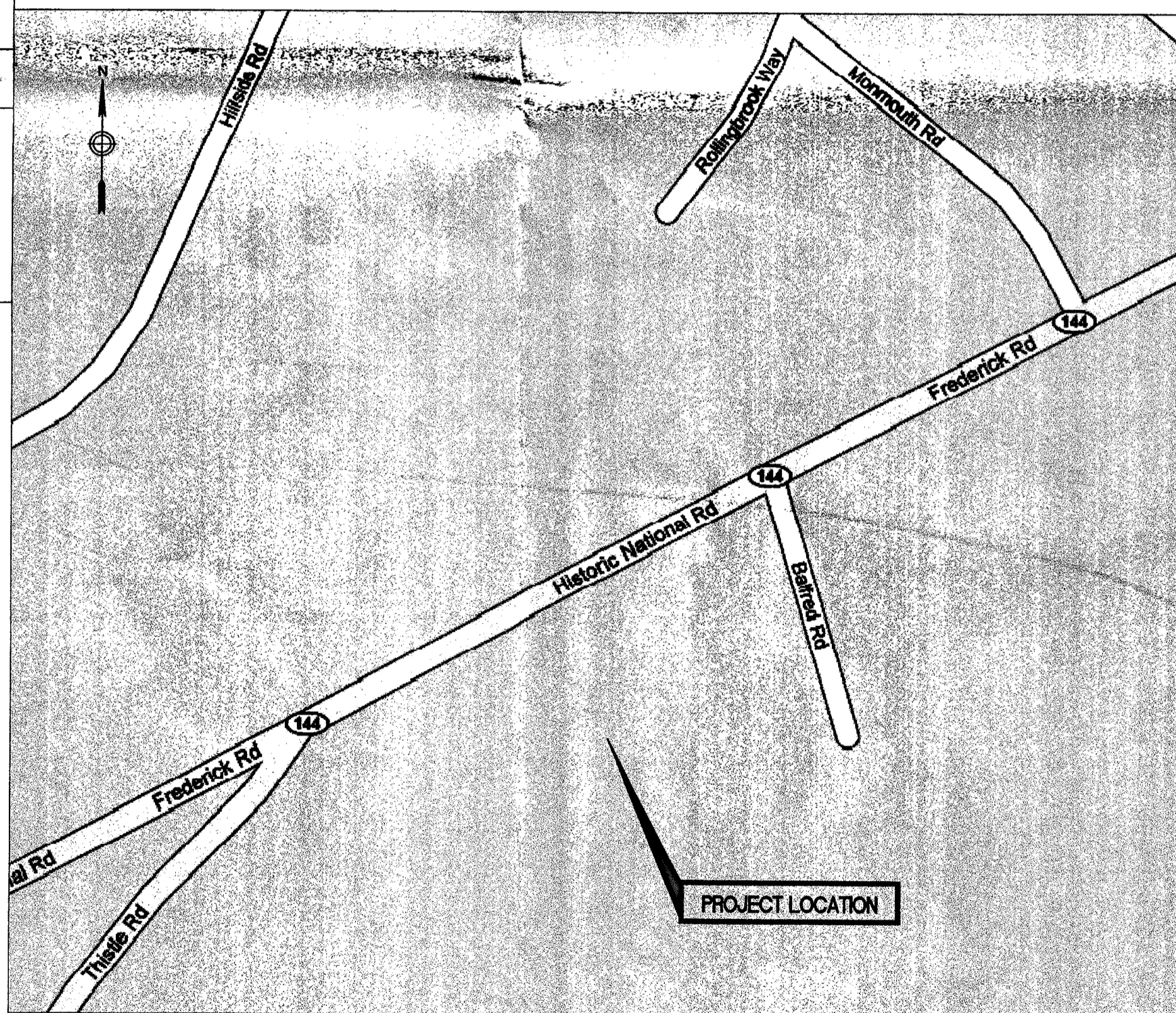
1. THE SUBCONTRACTOR SHALL GIVE ALL NOTICES AND REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY. MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK. THE WORK PERFORMED ON THE PROJECT AND THE MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
2. THE ARCHITECT/ENGINEER HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. THE SUBCONTRACTOR BIDDING THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID SUBCONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
3. THE SUBCONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE AT&T REPRESENTATIVE (BECHTEL) OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF SUBCONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK. IN THE EVENT OF DISCREPANCIES, THE SUBCONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED IN WRITING OTHERWISE.
4. THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.
5. THE SUBCONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO THE SUBMISSION OF BIDS OR PERFORMING WORK TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
6. THE SUBCONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.
7. THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S/VENDOR'S SPECIFICATIONS UNLESS OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
8. THE SUBCONTRACTOR SHALL PROVIDE A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDUMS OR CLARIFICATIONS AVAILABLE FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
9. THE SUBCONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE SUBCONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
10. THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
11. THE SUBCONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVEMENTS, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, THE SUBCONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
12. THE SUBCONTRACTOR SHALL MAINTAIN THE GENERAL WORK AREA AS CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. PREMISES SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
13. THE SUBCONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
14. THE SUBCONTRACTOR SHALL NOTIFY THE AT&T REPRESENTATIVE (BECHTEL) WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS. THE SUBCONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE WORK THAT IS IN CONFLICT UNTIL CONFLICT IS RESOLVED BY THE AT&T REPRESENTATIVE (BECHTEL).
15. THE SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE JOB.



OELLA_WA54XC649-1
10082253_1943

VICINITY MAP

DIRECTIONS: (FROM AT&T HANOVER OFFICE) HEAD SOUTHWEST ON STANDARD DRIVE TOWARD PARKWAY DRIVE. TURN LEFT AT PARKWAY DRIVE. TURN RIGHT AT PARK CIRCLE DRIVE. TURN LEFT AT COCA-COLA DRIVE. TAKE THE RAMP ONTO MD-100 WEST. TAKE EXIT 5A-B TO MERGE ONTO I-95 NORTH TOWARD BALTIMORE. TAKE EXIT 47A-B TO MERGE ONTO MD-166 NORTH TOWARD CATONSVILLE. SLIGHT RIGHT AT SOUTH ROLLING ROAD. TURN LEFT AT FREDERICK RD/MD-144 AND ARRIVE AT SITE.



NOT TO SCALE



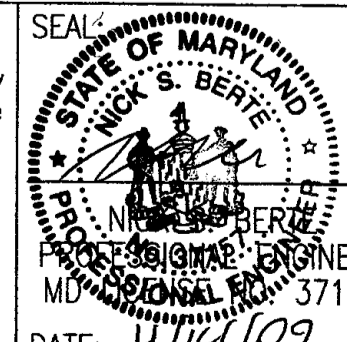
OELLA_WA54XC649-1
10082253_1943
2021 FREDERICK ROAD
CATONSVILLE, MD 21228



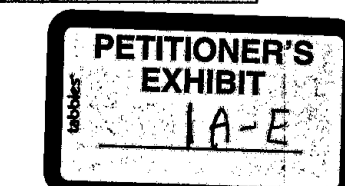
NO.	DATE	REVISIONS	BY	CHK	APP'D
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3	01/16/09	ISSUED FOR ZONING	CMA	NSB	ASN
2	12/11/08	ISSUED FOR ZONING	CMA	NSB	ASN
1	12/09/08	ISSUED FOR ZONING	CMA	NSB	ASN
0	07/01/08	ISSUED FOR ZONING	CMA	NSB	ASN

SCALE: AS SHOWN DESIGNED BY: CMA DRAWN BY: CMA

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 37157, Expiration Date: July 17, 2011.



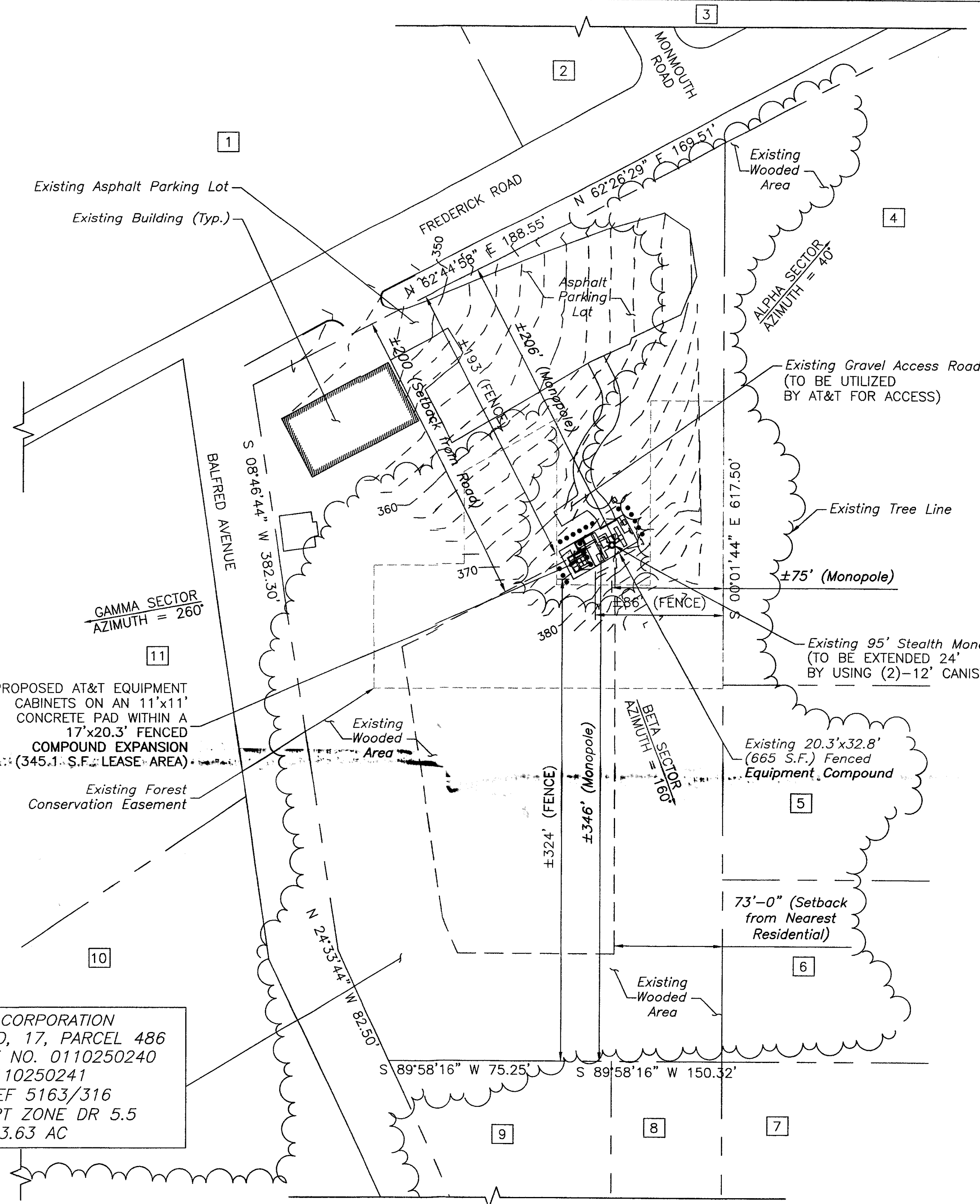
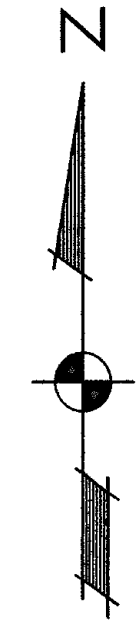
TITLE SHEET	
PROJECT NUMBER: 50013654	
DRAWING NUMBER	REV
24782-432	1943-01
	4



GENERAL NOTES

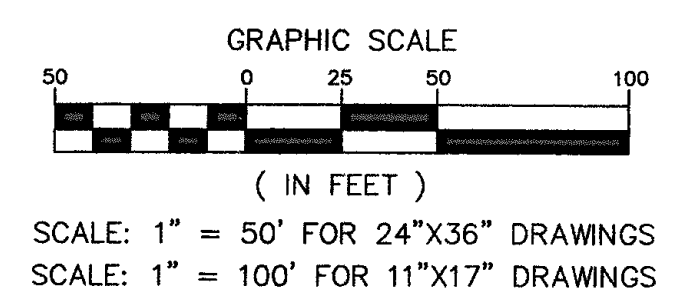
- SITE AND BOUNDARY INFORMATION OBTAINED FROM THE FOLLOWING:
 - EXISTING PLAN ENTITLED "SS-USA CATONSVILLE", PREPARED FOR T-MOBILE NORTHEAST LLC. PREPARED BY DMW INC. OF TOWSON, MD LAST REVISED ON 1/22/07.
 - MARYLAND DEPARTMENT OF ASSESSMENTS AND TAXATION WEBSITE (HTTP://WWW.DAT.STATE.MD.US/)
 - BALTIMORE COUNTY WEBSITE (HTTP://BALTIMORECOUNTYMD.GOV)
 - LIMITED FIELD OBSERVATIONS PERFORMED BY DEWBERRY-GOODKIND, INC. ON 04/23/08. A SURVEY TO VERIFY THE ACCURACY OF THE INFORMATION PROVIDED ON THE EXISTING SITE PLANS REFERENCED HAS NOT BEEN CONDUCTED BY DEWBERRY-GOODKIND, INC. THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.
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- THE PROPOSED FACILITY IS UNMANNED AND IS NOT FOR HUMAN HABITATION. (NO HANDICAP ACCESS IS REQUIRED)
- NO NOISE, SMOKE, DUST, VAPORS OR ODOR WILL RESULT FROM THIS PROPOSAL.
- EXTERIOR SIGNS ARE NOT PROPOSED EXCEPT AS REQUIRED BY THE FCC.
- TOTAL AREA OF DISTURBANCE UNDER THIS PROPOSAL: 445 S.F.
- THE PROPOSED FACILITY WILL CAUSE ONLY AN INSIGNIFICANT ("DE MINIMUS") INCREASE IN STORMWATER RUNOFF, THEREFORE, NO DRAINAGE STRUCTURES ARE PROPOSED.
- ALL CONSTRUCTION FOR SITE IMPROVEMENTS SHALL CONFORM TO APPLICABLE SPECIFICATIONS, STANDARDS, AND REQUIREMENTS OF THE GOVERNMENTAL OR UTILITY AUTHORITIES HAVING JURISDICTION.
- IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
- EROSION CONTROL MEASURES SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
- CONTRACTOR SHALL CONTACT THE MARYLAND ONE CALL SYSTEM PRIOR TO CONSTRUCTION @ 1-800-257-7777.
- ALL CONSTRUCTION AND DESIGN FOR THE PROPOSED ANTENNA MOUNTS SHALL CONFORM IN ACCORDANCE WITH THE CURRENT STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES (TIA/EIA-222-G) REVISED, JANUARY 2006.
- POWER TO THE FACILITY WILL BE MONITORED BY A SEPARATE METER.
- DRIVEWAY PERMIT IS NOT REQUIRED. ACCESS SHALL BE VIA EXISTING EASEMENT.
- THIS PROJECT WILL NOT REQUIRE STREETS OR PROPERTY TO BE DEDICATED FOR PUBLIC USE.
- THIS PROJECT WILL NOT REQUIRE PERMANENT MONUMENTS.
- THERE WAS NO WETLANDS INVESTIGATION COMPLETED BY THE APPLICANT
- ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP OF BALTIMORE COUNTY, MD COMMUNITY PANEL 240010 0370 B DATED MARCH 2, 1981, THE SITE IS LOCATED WITHIN ZONE C - AREAS OF MINIMAL FLOODING
- SITE IS NOT LOCATED WITHIN THE CHESAPEAKE BAY CRITICAL AREA

STAGCO CORPORATION
 MAP 100, GRID, 17, PARCEL 486
 TAX ACCOUNT NO. 0110250240
 & 0110250241
 DEED REF 5163/316
 USE EXEMPT ZONE DR 5.5
 ± 3.63 AC



ADJACENT PROPERTY OWNERS LIST				
REF. #	MAP/GRID/PARCEL	OWNER	OWNER ADDRESS	ZONE
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2	100/1/454	URENO, JEANNIE L.	2 MONMOUTH ROAD BALTIMORE MD 21228	DR 5.5
3	100/1/454	HOWE, MATTHEW W, HOWE, ERIN M.	1 MONMOUTH ROAD BALTIMORE MD 21228	DR 5.5
4	100/17/490	VESTRY OF THE BISHOP CUMMINS MEMORIAL OF THE CITY OF BALTIMORE	2001 FREDERICK ROAD BALTIMORE, MD 21228	DC 5.5
5	100/17/1328	MYERS, DAVID P, MYERS, BARBARE E.	16 SOUTH MORERICK AVENUE BALTIMORE, MD 21228	DR 5.5
6	100/17/994	MILLER, JANET H.	20 SOUTH MORERICK AVENUE BALTIMORE, MD 21228	DR 5.5
7	100/17/649	EVERETT, DONALD R.	2006 HELMSBY ROAD BALTIMORE, MD 21228	DR 5.5
8	100/17/649	BATEMAN, BRIAN J, BATEMAN, HEATHER A.	2008 HELMSBY ROAD BALTIMORE, MD 21228	DR 5.5
9	100/17/649	MCGROW, GEORGE M.	2010 HELMSBY ROAD BALTIMORE, MD 21228	DR 5.5
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11	100/17/537	VESTRY OF THE BISHOP CUMMINS MEMORIAL OF THE CITY OF BALTIMORE	2001 FREDERICK ROAD BALTIMORE, MD 21228	DR 3.5

OVERALL SITE PLAN



SYMBOLS AND MATERIALS

	CONCRETE
	EARTH
	GRAVEL
	SAND
	DETAIL REFERENCE
	SECTIONS & DETAILS

NOTE:
 ZONING REQUIREMENTS FOR DR "DENSITY RESIDENTIAL" REQUIRES A 200' YARD SETBACK TO ALL RESIDENTIAL ZONES FROM THE BASE OF THE MONOPOLE. THE VARIANCE GRANTED WITH CASE NO. 04-449XA WAS TO PERMIT A SIDE YARD SETBACK OF 73' IN LIEU OF THE REQUIRED 200' FROM THE MONOPOLE TO THE NEAREST RESIDENTIAL PROPERTY.

ZONE DEFINITIONS

ZONE ID	DEFINITION
DR	DENSITY RESIDENTIAL

LEGEND

	PROPERTY LINE
	ADJACENT PROPERTY LINE
	BOARD ON BOARD FENCE LINE
	HEAVY LINEWEIGHT INDICATES PROPOSED FACILITIES
	LIGHT LINEWEIGHT INDICATES EXISTING FACILITIES
	MINOR CONTOURS
	MAJOR CONTOURS
	TREELINE
	YARD SETBACK
	FOREST CONSERVATION DISTRICT

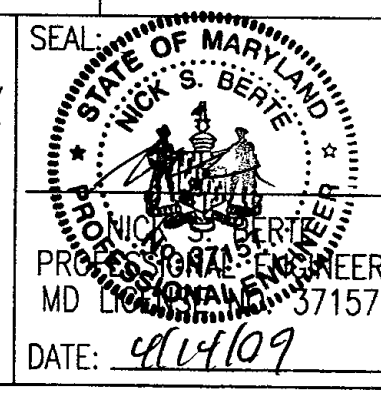
Dewberry
 Dewberry-Goodkind, Inc.
 EASTGATE BUSINESS CENTER
 133 GAITHER DRIVE, SUITE F
 MT. LAUREL, NEW JERSEY 08054
 PHONE: 856.802.0843
 FAX: 856.802.0846

OELLA WA54XC649-1
 10082253 1943
 2021 FREDERICK ROAD
 CATONSVILLE, MD 21228

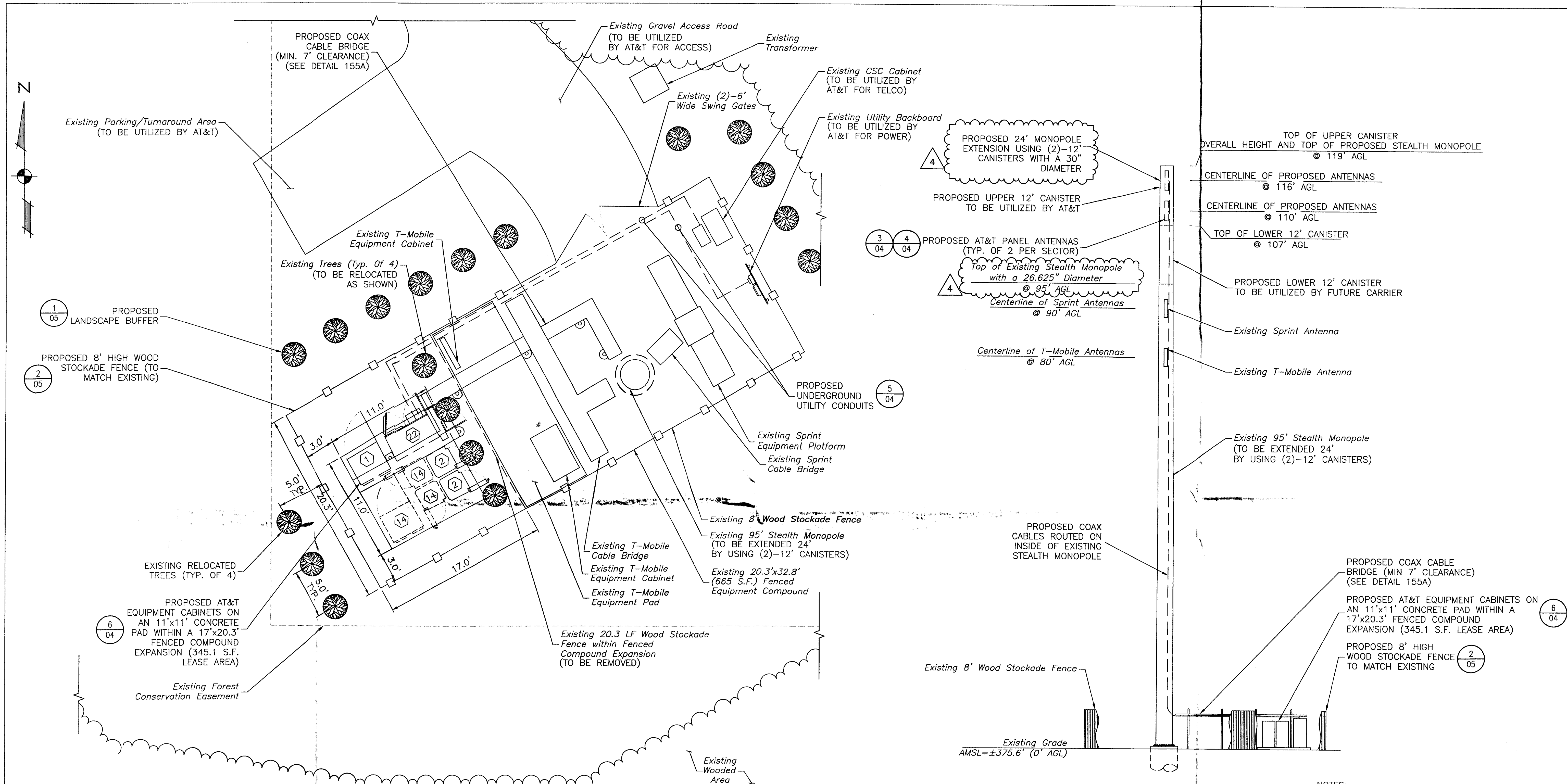
7150 STANDARD DRIVE
 HANOVER, MD 21076

NO.	DATE	REVISIONS	BY	CHK	APP'D	
4	04/14/09	ISSUED FOR ZONING	CMA	NSB	ASN	
3	01/16/09	ISSUED FOR ZONING	CMA	NSB	ASN	
2	12/11/08	ISSUED FOR ZONING	CMA	NSB	ASN	
1	12/09/08	ISSUED FOR ZONING	CMA	NSB	ASN	
0	07/01/08	ISSUED FOR ZONING	CMA	NSB	ASN	
NO.		REVISIONS		BY	CHK	APP'D
SCALE: AS SHOWN		DESIGNED BY: CMA		DRAWN BY: CMA		

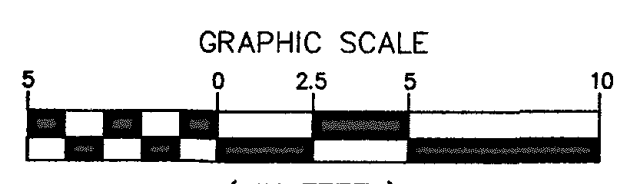
Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 37157, Expiration Date: July 17, 2011.



OVERALL SITE PLAN		
PROJECT NUMBER: 50013654		
DRAWING NUMBER	REV	
24782-432	1943-02	4



DETAILED SITE PLAN

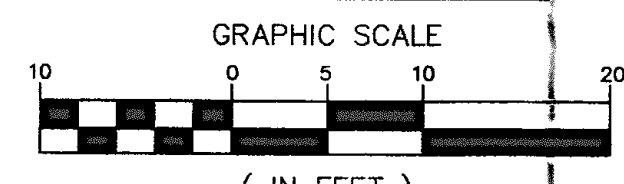


SCALE: 1" = 5' FOR 24"x36" DRAWINGS
SCALE: 1" = 10' FOR 11"x17" DRAWINGS

LEGEND

- HEAVY LINEWEIGHT INDICATES PROPOSED FACILITIES
- LIGHT LINEWEIGHT INDICATES EXISTING FACILITIES
- BOARD ON BOARD FENCE LINE
- TREELINE
- - - UNDERGROUND UTILITIES
- - - FOREST CONSERVATION DISTRICT

ELEVATION VIEW



SCALE: 1" = 10' FOR 24"x36" DRAWINGS
SCALE: 1" = 20' FOR 11"x17" DRAWINGS

EQUIPMENT LEGEND

- ① LUCENT NODE B
- ② NOKIA BTS
- ⑭ GROWTH CABINET
- ⑳ TWO BAY PURCELL

NOTES:

1. A STRUCTURAL ANALYSIS TO DETERMINE IF THE MONOPOLE AND FOUNDATION CAN ADEQUATELY SUPPORT THE PROPOSED LOADING IS TO BE PERFORMED BY OTHERS.
2. SUBCONTRACTOR SHALL NOT PROCEED WITH CONSTRUCTION UNTIL ADEQUACY OF THE MONOPOLE AND FOUNDATION WITH PROPOSED LOADING CONDITIONS IS CONFIRMED BY AT&T.
3. THE DESIGN OF THE STEALTH MONOPOLE EXTENSION, CANISTERS, AND ANTENNA MOUNTS TO BE DONE BY OTHERS

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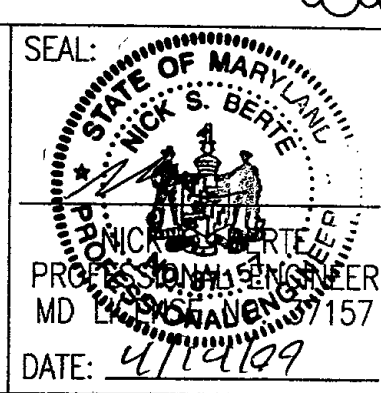
OELLA_WA54XC649-1
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2021 FREDERICK ROAD
CATONVILLE, MD 21228

at&t
MOBILITY
7150 STANDARD DRIVE
HANOVER, MD 21078

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0	07/01/08	ISSUED FOR ZONING	CMA	NSB	ASN

SCALE: AS SHOWN DESIGNED BY: CMA DRAWN BY: CMA

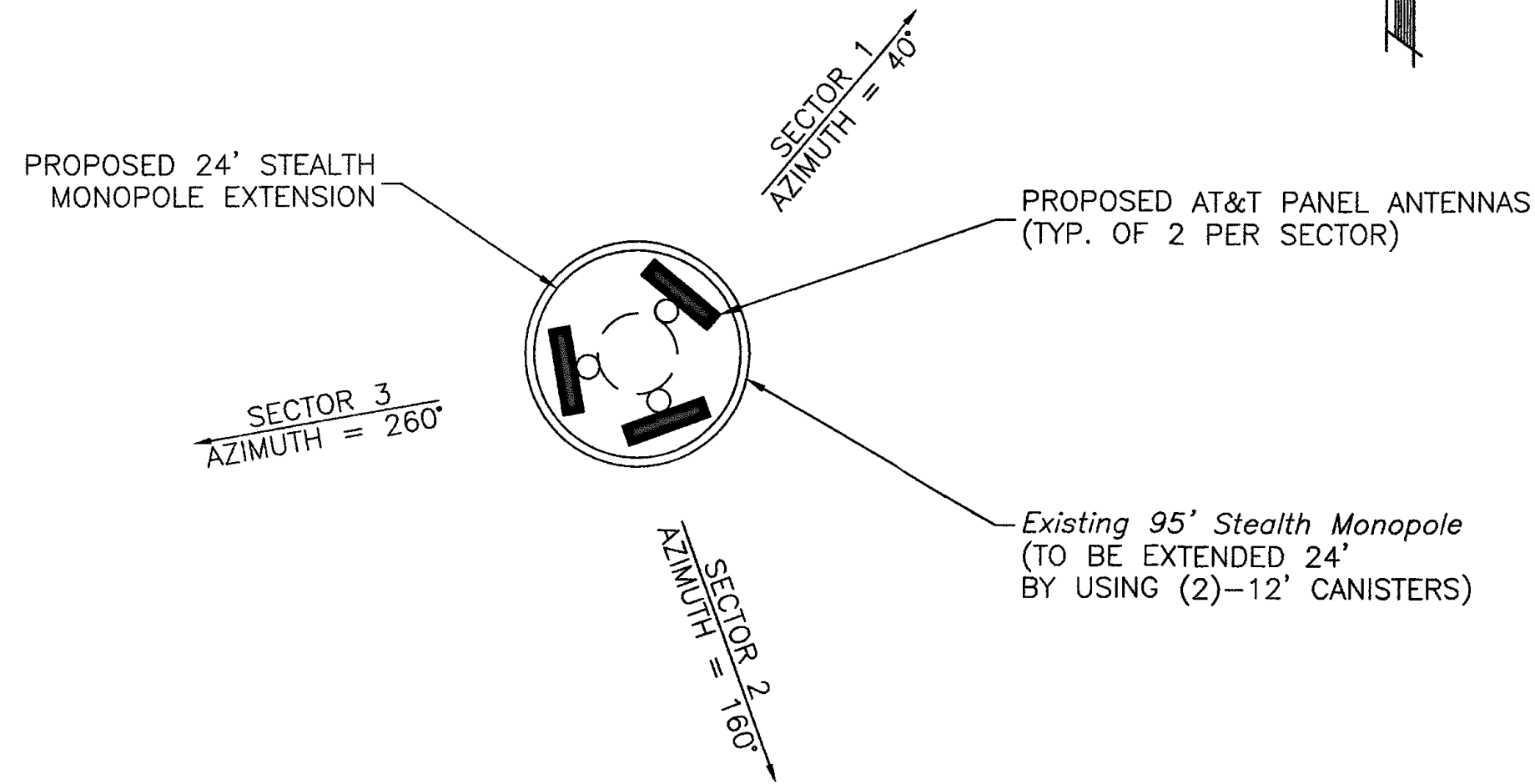
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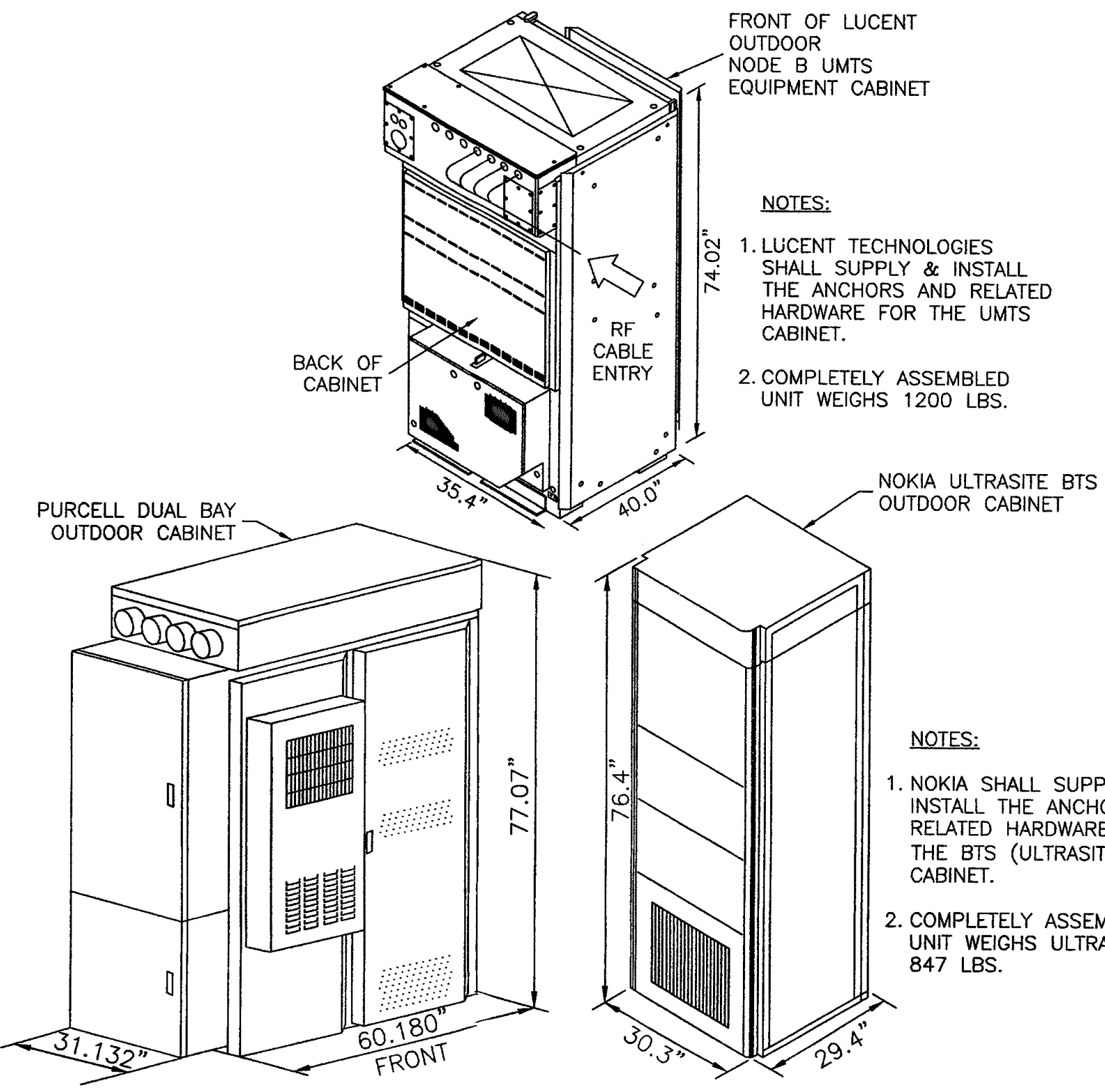
DETAILED SITE PLAN AND ELEVATION VIEW		
PROJECT NUMBER: 50013654		
DRAWING NUMBER	REV	
24782-432	1943-03	4

NOTES:

1. ANTENNA ORIENTATION IS BASED ON TRUE NORTH BEARING, CONTRACTOR SHALL VERIFY TRUE NORTH PRIOR TO CONSTRUCTION.
2. CONTRACTOR TO REFER TO FINAL RF CONFIGURATIONS SHEET FOR ANTENNA AZIMUTHS PRIOR TO CONSTRUCTION.



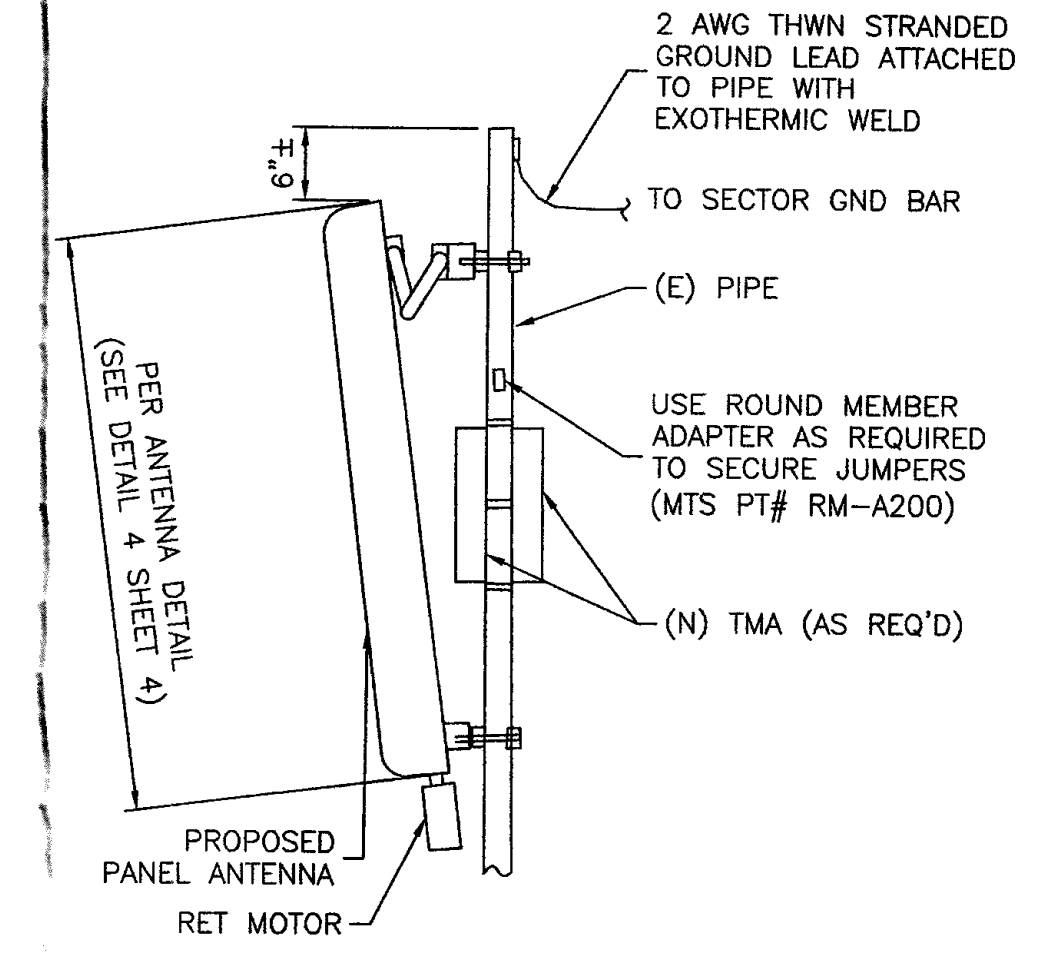
ANTENNA MOUNTING AND ORIENTATION DETAIL
NOT TO SCALE **1**



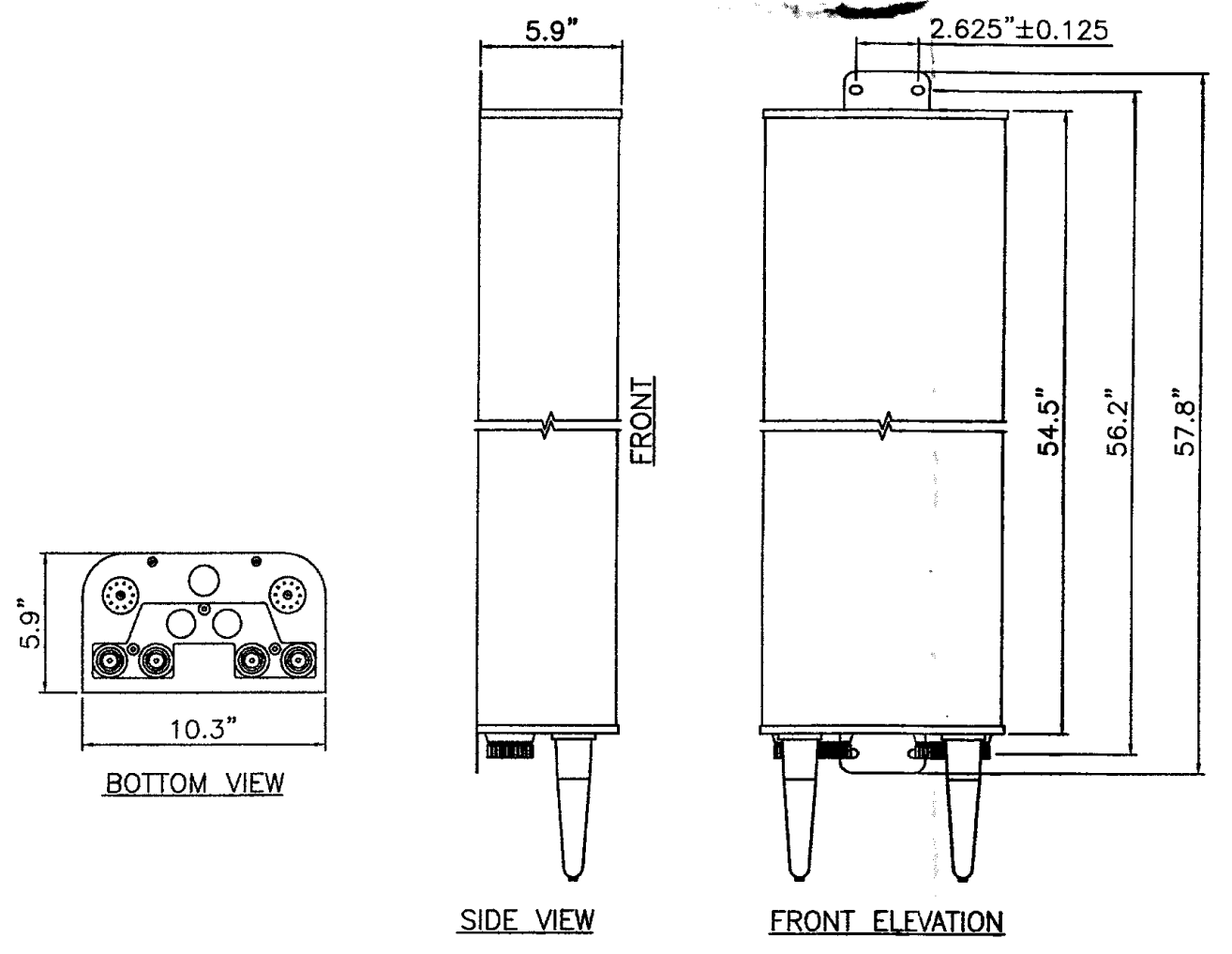
- NOTES:**
1. LUCENT TECHNOLOGIES SHALL SUPPLY & INSTALL THE ANCHORS AND RELATED HARDWARE FOR THE UMTS CABINET.
 2. COMPLETELY ASSEMBLED UNIT WEIGHS 1200 LBS.

- NOTES:**
1. NOKIA SHALL SUPPLY & INSTALL THE ANCHORS AND RELATED HARDWARE FOR THE BTS (ULTRASITE) CABINET.
 2. COMPLETELY ASSEMBLED UNIT WEIGHS ULTRASITE BTS 847 LBS.

EQUIPMENT CABINET DETAILS
NOT TO SCALE **2**

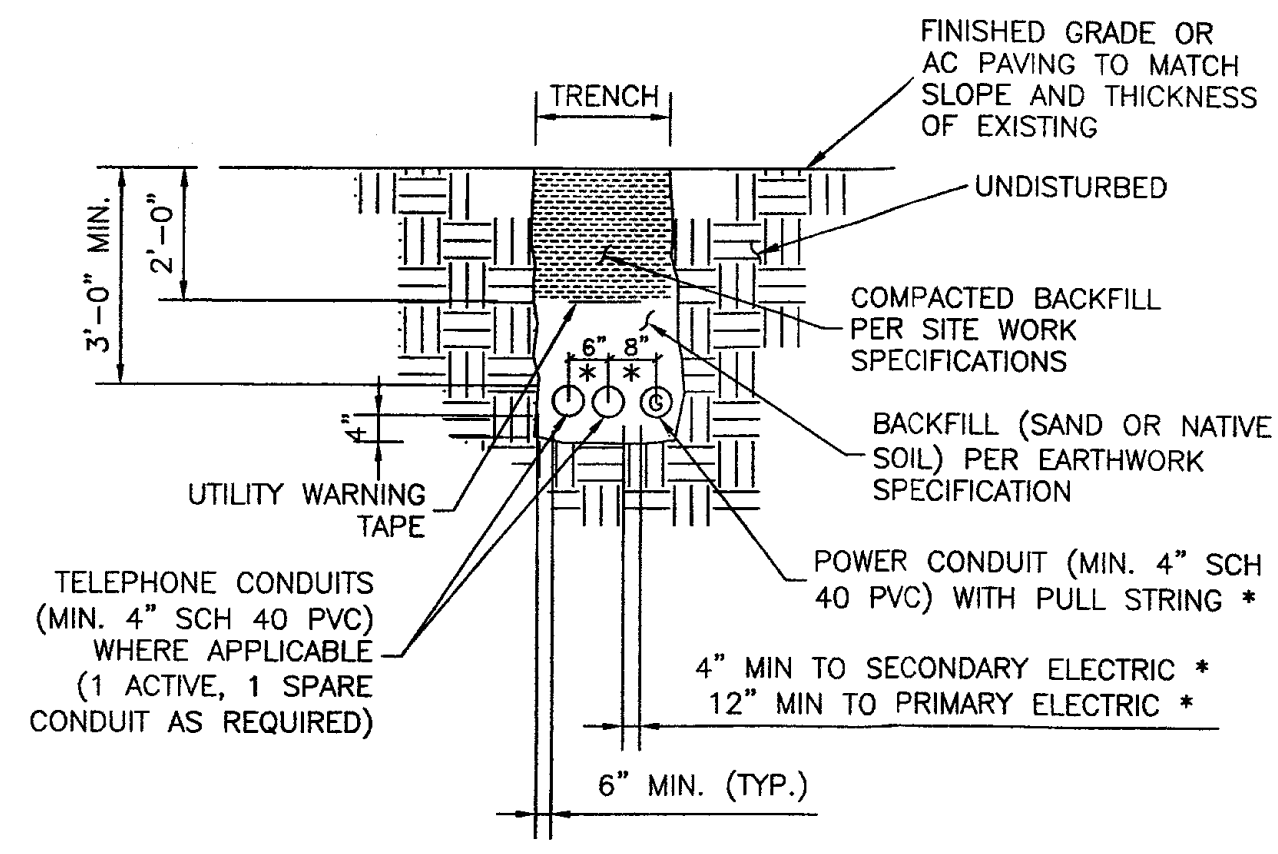


ANTENNA/TMA MOUNTING DETAIL
NOT TO SCALE **3**



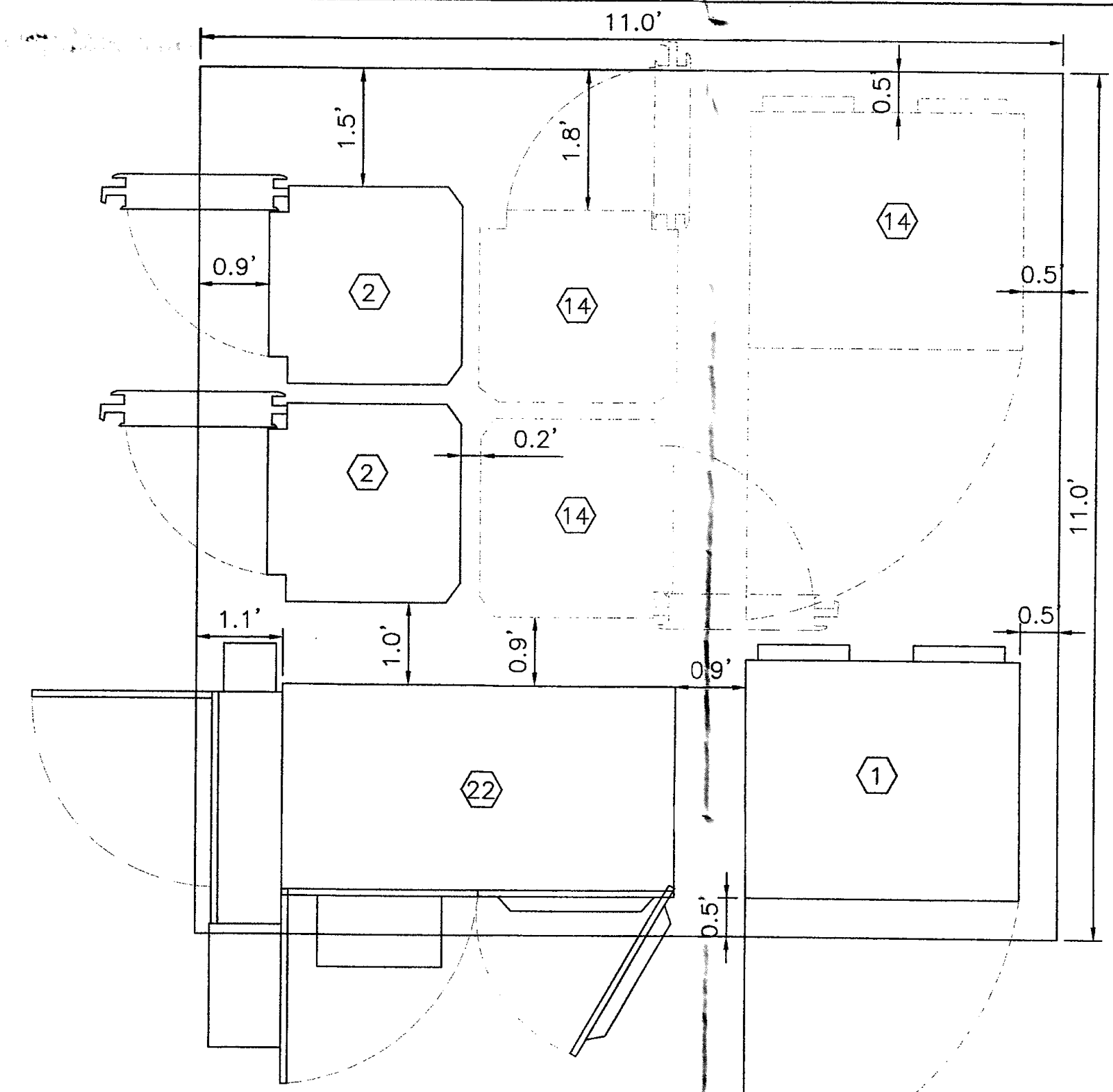
MECHANICAL CHARACTERISTICS
DIMENSIONS (L x W x D): 54.5" x 10.3" x 5.9"
(1384mm x 262mm x 149mm)
WEIGHT: MET 46.3lbs (27kg)
CAA: 5.58ftz
DUAL BAND QUAD POLE PANEL ANTENNA
KATHREIN AP11/16-880/1940/088D/ADT/XXP
AZIMUTH BEAMWIDTH 88°
(806 MHz-960 MHz / 1710 MHz-2180 MHz)

PANEL ANTENNA DETAILS
NOT TO SCALE **4**



SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS

JOINT SERVICE TRENCH BURIED CONDUIT (ELECT/TELEPHONE)
NOT TO SCALE **5**



EQUIPMENT LEGEND
NOT TO SCALE **6**

EQUIPMENT LEGEND

- ① LUCENT NODE B
- ② NOKIA BTS
- ⑭ GROWTH CABINET
- ②② TWO BAY PURCELL

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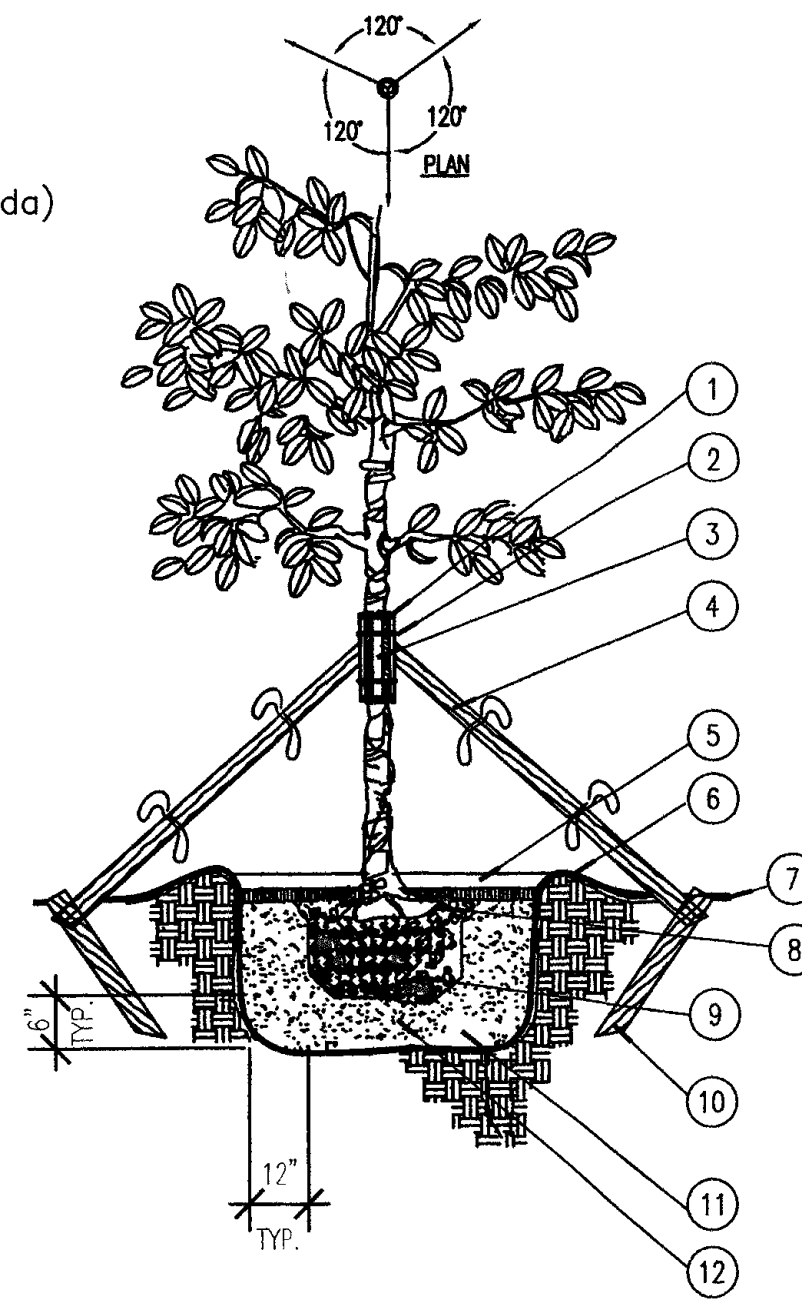
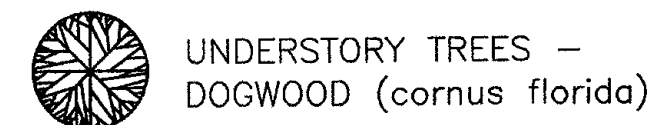
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0	07/01/08	ISSUED FOR ZONING	CMA	NSB	ASN
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN			DESIGNED BY: CMA	DRAWN BY: CMA	

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SEAL
STATE OF MARYLAND
W. S. BEEBE
PROFESSIONAL ENGINEER
MD LICENSE NO. 37157
DATE: 4/14/09

CONSTRUCTION DETAILS - 1		
PROJECT NUMBER: 50013654		
DRAWING NUMBER	REV	
24782-432	1943-04	4

LEGEND



NOTES:

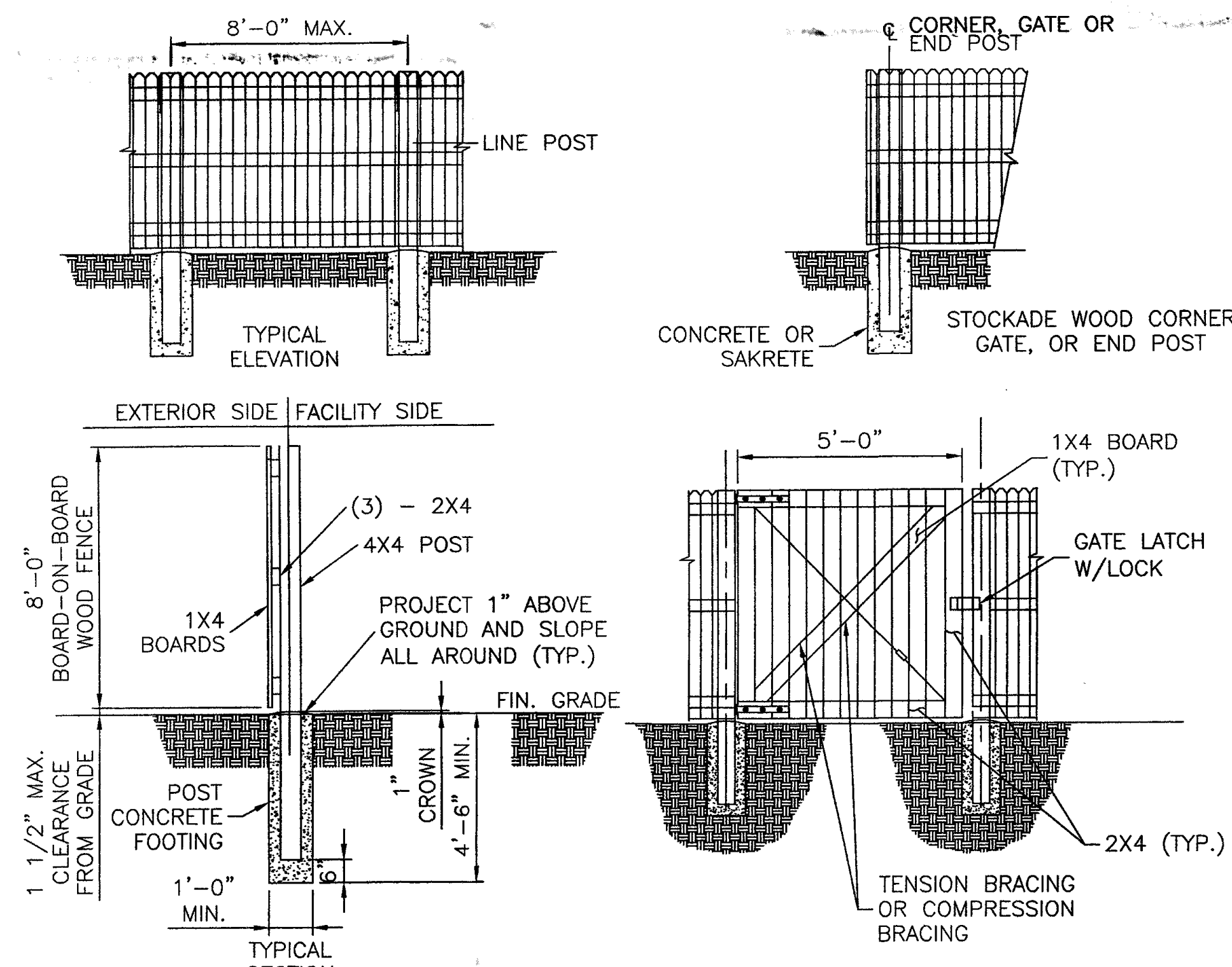
- A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
- B. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.
- C. "TREE SAVER" ANCHORING SYSTEM MAY BE SUBSTITUTED FOR WOOD STAKING SYSTEM UPON APPROVAL BY OWNER OR LANDSCAPE ARCHITECT.

1. FIVE LAYERS OF BURLAP TO PROTECT TRUNK.
2. TWO STEEL BANDS TO SECURE BATTONS.
3. FIVE 2"x4"x18" WOOD BATTONS.
4. 3-2"x8" LODGE POLES. NAIL (DRILL AND NAIL IF NECESSARY) TO BATTONS 2"x4" STAKES. FLAG AT MIDPOINT AND AT BASE.
5. 3" MINIMUM OF EUCALYPTUS MULCH COMPACTED OR AS SPECIFIED.
6. SOIL BERM TO HOLD WATER.
7. FINISHED GRADE
8. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
9. B&B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS).
10. 2"x4"x3' (MIN.), P.T. WOOD STAKES BURIED 3" BELOW FINISHED GRADE.
11. PREPARED PLANTING SOIL AS SPECIFIED.
12. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING.

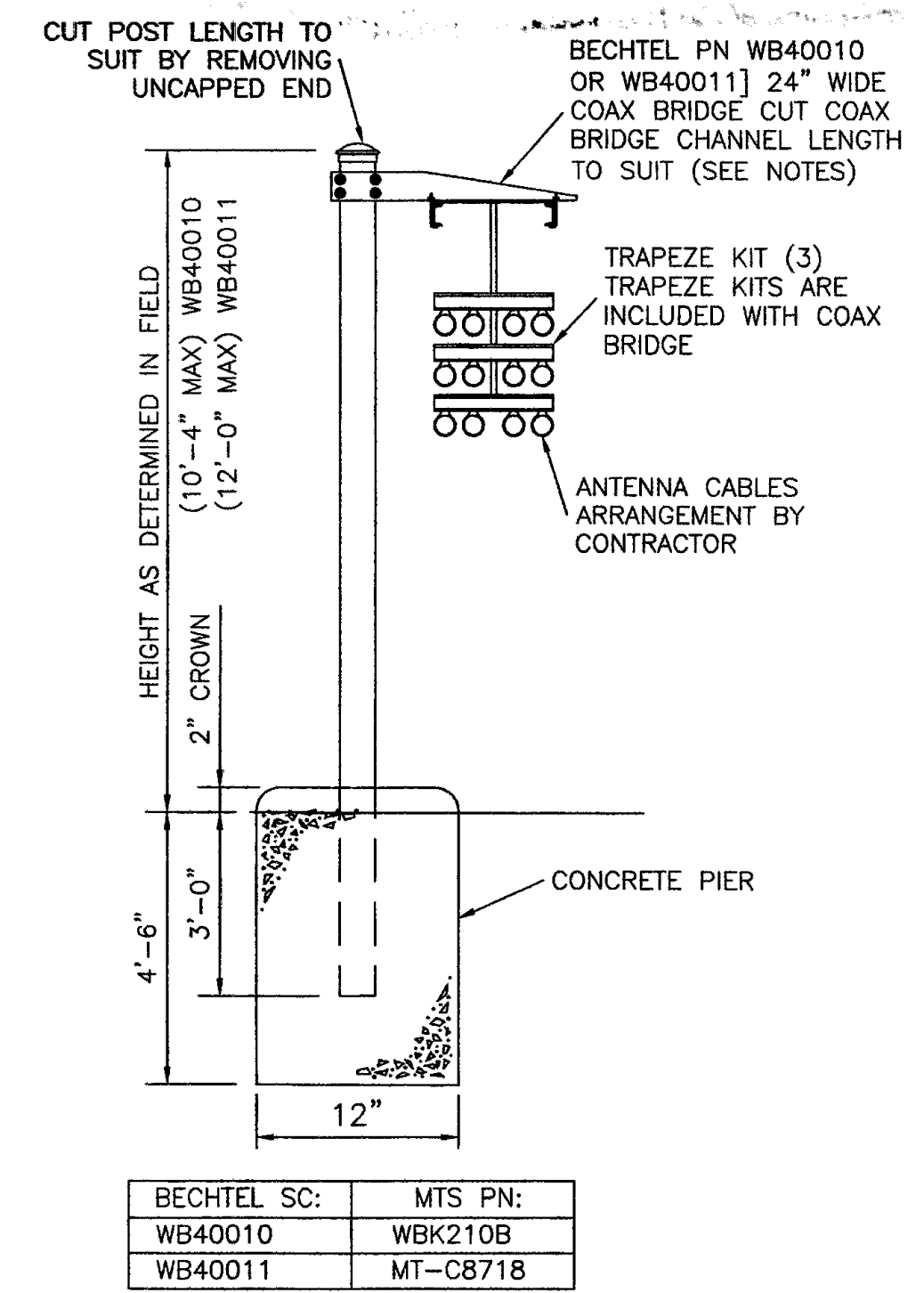
TREE PLANTING DETAIL 1
NOT TO SCALE

1. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL FREE OF PESTS AND DISEASE.
2. ALL PLANTS MUST BE CONTAINER-GROWN OR BALLED AND BURLAPED AS SPECIFIED.
3. ALL TREES MUST BE STRAIGHT TRUNKED, FULL HEADED AND MEET ALL REQUIREMENTS SPECIFIED.
4. ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE ENGINEER'S REPRESENTATIVE BEFORE, DURING AND AFTER INSTALLATION.
5. ALL TREES MUST BE GUYED OR STAKED AS SHOW ON DETAIL.
6. ALL PLANTS AND PLANTING AREAS MUST BE COMPLETELY MULCHED AS SPECIFIED.
7. PRIOR TO CONSTRUCTION, THE SUBCONTRACTOR SHALL AVOID DAMAGE TO UTILITIES AND SHALL AVOID DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION.
8. THE SUBCONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES ON THE PLANS BEFORE PRICING THE WORK.
9. THE SUBCONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANTING (INCLUDING, BUT NOT LIMITED TO WATERING, SPRAYING, MULCHING, FERTILIZATION, ETC.) OF PLANTING AREAS AND LAWNS UNTIL THE WORK IS ACCEPTED IN TOTAL BY THE ENGINEER'S REPRESENTATIVE.
10. THE OWNER AGREES TO PERFORM ALL LANDSCAPE MAINTENANCE (INCLUDING WATERING) THROUGHOUT THE ONE YEAR GUARANTEE PERIOD, UNLESS OTHERWISE DETERMINED.
11. THE SUBCONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR BEGINNING AT THE DATE OF TOTAL ACCEPTANCE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE GUARANTEE PERIOD.
12. THE ENGINEER'S REPRESENTATIVE WILL APPROVE THE STAKED LOCATION OF ALL PLANT MATERIALS PRIOR TO INSTALLATION.
13. AFTER BEING DUG AT THE NURSERY SOURCE, AL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION.
14. ANY PLANT MATERIAL THAT DIES, TURNS BROWN OR DEFLIATES (PRIOR TO TOTAL ACCEPTANCE OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED BY CONTRACTOR WITH MATERIAL OF THE SAME SPECIES, QUANTITY, SIZE AND MEETING ALL SPECIFICATIONS.
15. STANDARD SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK", LATEST EDITION, REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIALS.
16. TREES TO BE A MINIMUM OF 6- FEET IN HEIGHT AT TIME OF PLANTING AND MUST REACH A HEIGHT OF 20- FEET AT MATURITY.
17. ALL TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING.

LANDSCAPE NOTES
NOT TO SCALE



STOCKADE FENCE DETAIL 2
NOT TO SCALE



NOTES:

1. WHEN USING COMPONENTS AS SHOWN IN STANDARD DETAILS, MAXIMUM ALLOWABLE SPAN BETWEEN SUPPORTS ON A CONTINUOUS SINGLE SECTION OF BRIDGE CHANNEL SHALL BE 9 FEET FOR 10 FEET BRIDGE CHANNEL.
2. WHEN USING COMPONENTS FOR SPLICING BRIDGE CHANNEL SECTIONS, THE SPLICE SHOULD BE PROVIDED AT THE SUPPORT, IF POSSIBLE, OR AT A MAXIMUM OF 2 FEET FROM THE SUPPORT.
3. WHEN USING COMPONENTS, SUPPORT SHOULD BE PROVIDED AS CLOSE AS POSSIBLE TO THE ENDS OF COAX BRIDGES, WITH A MAXIMUM CANTILEVER DISTANCE OF 2 FEET FROM THE SUPPORT TO THE FREE END OF THE COAX BRIDGE.
4. CUT BRIDGE CHANNEL SECTIONS SHALL HAVE RAW EDGES TREATED WITH A MATERIAL TO RESTORE THESE EDGES TO THE ORIGINAL CHANNEL, OR EQUIVALENT, FINISH.
5. COAX BRIDGES MAY BE CONSTRUCTED WITH COMPONENTS FROM OTHER MANUFACTURERS, PROVIDED THE MANUFACTURER'S INSTALLATION GUIDELINES ARE FOLLOWED.
6. DEVIATIONS FROM STANDARDS FOR COMPONENT INSTALLATIONS ARE PERMITTED WITH THE RESPECTIVE MANUFACTURER'S APPROVAL.
7. DEVIATIONS FROM COAX BRIDGE FOUNDATIONS REQUIRE ENGINEERING APPROVAL.
8. THE DESIGN IS BASED ON ASCE 7-98, 3 SECOND GUST WIND SPEED OF 110 MPH, EXPOSURE C, ELEVATION AT GRADE.
9. THIS DESIGN IS BASED ON 24" WIDE COAX BRIDGE AND (12) 1 5/8" DIA COAX CABLES AND MAX. POST SUPPORT SPACING OF 10'-0".

BECHTEL SC:	MTS PN:
WB40010	WBK210B
WB40011	MT-C8718

L24" X 10' COAX BRIDGE W/ 2 BURIAL POSTS

DETAIL 155A
NTS

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SEAL:
STATE OF MARYLAND
PROFESSIONAL ENGINEER
MD LICENSE NO. 37157
DATE: 4/11/11

CONSTRUCTION DETAILS - 2	
PROJECT NUMBER: 50013654	
DRAWING NUMBER	REV
24782-432	1943-05
	4