

RESOLUTION NO. _____

A RESOLUTION AUTHORIZING A LICENSE AGREEMENT BETWEEN THE VILLAGE OF DOWNERS GROVE AND DENALI SPECTRUM OPERATIONS, LLC TO INSTALL, MAINTAIN AND OPERATE AN ANTENNA ON VILLAGE PROPERTY (4318 DOWNERS DRIVE)

BE IT RESOLVED by the Village Council of the Village of Downers Grove, DuPage County, Illinois, as follows:

1. That the form and substance of a certain License Agreement (the “Agreement”) and accompanying Memorandum of License, between the Village of Downers Grove (the “Village”) and Denali Spectrum Operations, LLC (the “Licensee”), for the installation, maintenance and operation of an antenna on Village property located at 4318 Downers Drive, as set forth in the form of the Agreement submitted to this meeting with the recommendation of the Village Manager, is hereby approved.

2. That the Mayor and Village Clerk are hereby respectively authorized and directed for and on behalf of the Village to execute, attest, seal and deliver the Agreement, substantially in the form approved in the foregoing paragraph of this Resolution, together with such changes as the Manager shall deem necessary.

3. That the proper officials, agents and employees of the Village are hereby authorized and directed to take such further action as they may deem necessary or appropriate to perform all obligations and commitments of the Village in accordance with the provisions of the Agreement.

4. That all resolutions or parts of resolutions in conflict with the provisions of this Resolution are hereby repealed.

5. That this Resolution shall be in full force and effect from and after its passage as provided by law.

Mayor

Passed:

Attest: _____
Village Clerk

LICENSE AGREEMENT BETWEEN THE VILLAGE OF DOWNERS GROVE AND DENALI SPECTRUM OPERATIONS, LLC TO INSTALL, MAINTAIN AND OPERATE AN ANTENNA ON VILLAGE PROPERTY

WHEREAS, the Village of Downers Grove (hereinafter referred to as the "Village") is an Illinois municipal corporation and a home rule unit, pursuant to the laws of the State of Illinois; and

WHEREAS, the Village is the lessor of certain real estate located at 4318 Downers Drive, Downers Grove, Illinois, upon which is located a Water Tower (hereinafter referred to as the "Tower"); and

WHEREAS, Denali Spectrum Operations, LLC (hereinafter referred to as the "Licensee") has requested permission to install an antenna on the top of the Tower and its related equipment on ground space near the Tower (hereinafter referred to as the "Antenna"); and

NOW, THEREFORE, in consideration of the mutual promises, covenants and conditions, the Village and the Licensee agree as follows:

1. CONTRACT DOCUMENTS:

The provisions set forth in the preamble and the following exhibits are incorporated into and made a part of this Agreement:

- a. Exhibit 1 - Site map of the Property dated, _____, 2008, and approved by the Village on _____, 2008, showing the Tower Space and Ground Space, together with the areas on the Property licensed to Licensee to provide access and utility service to the Ground Space (collectively the "Licensed Premises") which includes location of any proposed underground utilities necessary for operation of the Antenna.
- b. Exhibit 2 - Plans and specifications dated _____, 2008, and approved by the Village on _____, 2008, for the Antenna and any cables or utility lines to be installed on the Licensed Premises and used or housing of the related Antenna equipment (collectively "Licensee's Improvements").

2. GRANT OF LICENSE:

The Village hereby grants to the Licensee the right, permission and authority to install, operate and maintain Licensee's Improvements upon the terms and conditions hereinafter specified. This Agreement shall not terminate upon the sale, assignment or transfer of the property, but shall run with the land. In the event that the tower is removed, this contract shall cease and neither the Village nor the Licensee will not be responsible or liable for replacement or rent.

3. SPECIFICATIONS: The Licensee shall comply with the following specifications:

Site name: Downers Drive Water Tank

a. *In general:* During the term of this Agreement, there shall be no substantial variations, modifications, or upgrades from the plans and specifications of Exhibits 1 and 2 without the prior written approval of the Village, which approval shall not be unreasonably withheld or delayed.

b. *Antenna:* The Antenna shall be for the operation of radio frequency: receive 1740 MHz; transmit 2135-2140 MHz. The Antenna shall be installed, attached to the Tower, and maintained in conformance with Exhibit 2 and any applicable State and federal requirements. The Antenna shall be located more than ten (10) feet from any existing antenna equipment and shall not exceed seventy-two (72) inches in height.

4. **CONSTRUCTION, INSTALLATION AND MAINTENANCE:**

The Licensee may install, repair, maintain, or replace the Antenna, subject to the following conditions:

a. Licensee shall obtain all required permits and authorizations from the Village, in accordance with the applicable ordinances, prior to commencing any work under this Agreement. Such work shall comply with applicable codes and regulations and shall be conducted in a workmanlike manner.

b. Licensee shall obtain all necessary approvals from any regulatory authorities for the operation of the Antenna. Further, the Licensee shall comply with all applicable laws and regulations of such regulatory authorities including, but not limited to the Federal Communications Commission.

c. All costs connected with the installation, maintenance, repair, use and removal of Licensee's Improvements and any related equipment shall be the responsibility of the Licensee.

d. Licensee shall not take any action or allow any action to be done which may impair the use of or damage the Tower.

e. The Licensee may not interfere with the use by the Village, its officers, agents and employees, of the Tower or the property on which it is located.

f. Except for emergency situations, the Village shall provide reasonable advance notice to Licensee when it conducts any Tower repair or maintenance work that affects the Antenna or function of the Antenna. Except for emergency situations, the Village shall not physically disturb Licensee's equipment without Licensee's permission. Licensee shall be entitled to access the equipment located on the Ground Space near the Tower twenty-four (24) hours a day, seven days a week. Licensee shall provide the Village reasonable advance notice when access to the antenna on top of the Tower is needed. Access to the Tower can only be obtained between the hours of 8:00 a.m. and 4:00 p.m. by calling the Water Manager at 630/434-5462, or in the event of an emergency after hours, by calling Village Operations Center at (630) 434-5706 or (630) 434-5707.

g. The Licensee shall maintain Licensee's Improvements in good repair, and in a clean

Site name: Downers Drive Water Tank
and slightly condition.

h. Upon termination of this Agreement by either party, the Licensee shall, within thirty (30) days and at its expense, remove the Licensee Improvements and restore the Licensed Premises to substantially its original condition, reasonable wear and tear excepted.

i. If Licensee abandons its use of Licensee's Improvements, Licensee shall, within thirty (30) days of receipt of written notice from the Village notifying the Licensee of such abandonment and at its expense, remove the Licensee's Improvements and restore the Tower to substantially its original condition. Licensee's Improvements will be presumed abandoned if it is not operated for a period of one month or more. If Licensee's Improvements are not removed within thirty (30) days, the Village may remove Licensee's Improvements and the Licensee shall reimburse the Village for the costs of such removal.

5. NON-INTERFERENCE WITH VILLAGE OPERATIONS:

Neither this Agreement nor Licensee's Improvements shall interfere or obstruct the functioning of the Village's operations and services. Licensee warrants that Licensee's Improvements shall be constructed, installed, maintained and operated in such a manner as to not interfere or obstruct any radio or electronic equipment or signals of the Village's radio and data systems. In the event such interference occurs, and the interference cannot be eliminated by Licensee after reasonable efforts, the Village may terminate this Agreement, in accordance with Paragraph 8(b) of this Agreement. Provided after notice to Licensee, the Village may immediately terminate this Agreement, or require that operation of the Antenna or any of Licensee's Improvements be immediately ceased where it determines that the Antenna or Licensee's Improvements present an immediate and serious danger to the public health, welfare or safety due to interference with the operation of the Village's radio and data systems.

6. TERM:

a. This Agreement shall have an Initial Term beginning June 1, 2008 or upon the issuance of a building permit, (whichever occurs later), and ending December 31, 2012, and two (2) five-year Extension Terms beginning January 1, 2013, and January 1, 2018, respectively. The first extension term beginning January 1, 2013, shall automatically commence. The second extension term beginning January 1, 2018, shall automatically commence unless either party provides the Village with written notice of its election not to renew the License at least one hundred and twenty (120) days prior to the expiration of the current term. The final date of the agreement shall be December 31, 2022.

b. After February 1, 2018, Licensee may request the Village to enter into negotiations towards renewing or extending this Agreement. Any renewal or extension shall be according to terms that are mutually agreeable and the Village shall not be bound to accept any particular terms or to renew any or all of the rights granted by this Agreement.

7. COMPENSATION:

Site name: Downers Drive Water Tank

Beginning in 2008, upon the issuance of a building permit, Licensee shall pay to the Village a license fee of \$3200.00 per month in 2008. Thereafter, effective on the first day of January in the subsequent years of the agreement, the monthly license fee shall increase in an amount equal to the fee for the preceding year multiplied by 4%. The fee shall be paid to the Village of Downers Grove, Village Hall, 801 Burlington Avenue, Downers Grove, IL 60515.

8. TERMINATION:

This Agreement may be terminated as follows:

a. Licensee may terminate this Agreement at any time upon sixty (60) days written notice to the Village without further liability if Licensee does not obtain all permits or other approvals required from any governmental authority or any easements required from any third party to operate the PCS system, or if any such approval is canceled, expires or is withdrawn or terminated, or if the Village fails to have proper ownership of the site or authority to enter into this Agreement, or if Licensee, for any other reason, in its sole discretion, determines that it will be unable to use the Property, however, if Licensee terminates this Agreement without cause, it shall pay the Village a termination penalty equal to three months of the current rental amount.

b. In the event either party fails to comply with the terms of this Agreement such party shall be considered in default and the non-defaulting party may serve written notice of its intent to terminate this Agreement. Except where the public health or safety is threatened, the notice shall give the defaulting party not less than thirty (30) days to correct such non-compliance. In the event the default is not corrected within thirty (30) days of such notice, the non-defaulting party may terminate this Agreement by serving a written notice of termination. Notwithstanding the preceding, if any default cannot be cured within thirty (30) days and the defaulting party has diligently commenced and continues to take reasonable action necessary to cure the default, the defaulting party shall be entitled to a reasonable extended period of time in order to cure the default.

c. In the event the Tower is destroyed or substantially damaged so as to substantially effect Licensee's use of the property, this Agreement shall be considered terminated.

9. TOWER REPAIR/MAINTENANCE:

Upon receiving ninety (90) days notice from the Village that it intends to repair or perform maintenance to the Tower, Licensee shall, at its own expense and in such manner as the Village shall reasonably request, immediately remove, relocate, change or alter the position of Licensee's Improvements. During the term of this Agreement, the Tower may be refurbished and/or painted. Refurbishment and/or painting will take several months to complete (approximately five to eight months). Prior to beginning refurbishment and/or painting, Licensee understands that its Antenna shall be removed from the Tower upon notice from the Village and that the Antenna shall not be reinstalled until the refurbishment and/or painting is completed and the Village has approved such reinstallation, which approval shall not be unreasonably withheld, conditioned or delayed. During such period, Licensee may, at its sole

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cost and expense, install the Antenna on a temporary telephone pole or bring a cell on wheels outside the shrouded area of the tower in a location approved by the Village. However, such temporary arrangement shall not interfere with the refurbishment and/or painting of the tower or with other Village operations on the site. The Village shall not be responsible for any costs of removal, relocation, and reinstallation of the Antenna as a result of the refurbishment and/or painting.

10. RESTORATION:

When the Licensee does any work on or affecting the Licensed Premises, it shall, at its own expense, restore the Licensed Premises to as good a condition as existed before the work was undertaken, unless otherwise directed by the Village. If the Licensee fails to restore the Licensed Premises, the Village may, after communications with the Licensee and after affording the Licensee a reasonable opportunity to correct the situation, restore the Licensed Premises, or remove the obstruction therefrom. No such prior written notice shall be required in the event that the Village determines that an emergency situation exists. The Licensee shall pay the Village for any reasonable costs of such restoration within fourteen (14) days after receiving a bill from the Village for such work.

11. UTILITIES:

Licensee shall be responsible for obtaining adequate utilities for operation of Licensee's Improvements, including electricity from any source available on the Property as along as the electricity for Licensee's Improvements are separately metered. Any utilities to be installed must be underground and at a location approved by the Village. Licensee shall pay for the electricity or any other utility it consumes in its operations at the rate charged by the servicing utility company and the Village shall not be liable for such charges.

12. TAXES:

Licensee is solely responsible for payment of taxes on the leasehold. Licensee is solely responsible to determine the taxes owed and to comply with the County payment procedures. Licensee shall reimburse the Village for any personal or real property taxes which are assessed as a result of Licensee's Improvements and directly attributable to its use of the Property under the terms of this Agreement. Licensee shall have the right, at its own expense and without expense to the Village, to contest by appropriate proceedings, conducted with due diligence and in good faith, the validity of the amount of any taxes or reassessment as applicable to the Licensed Premises or the Licensee Improvements. In the event that the Village becomes aware of any tax delinquency and that delinquency is not cured by the Licensee, the Village shall have the right to remove any of Licensee's equipment and terminate the Agreement.

13. INDEMNIFICATION:

Licensee shall indemnify, become responsible for and hold harmless the Village, its boards, committees, commissions, officers, agents and employees from any and all liability arising out of the existence of this Agreement; the installation, existence, maintenance or repair of Licensee's Improvements; or any act or omission of Licensee, its officers, agents and

Site name: Downers Drive Water Tank

employees, except for liability which arises from the Village's or its employees' or agents' negligence or intentional misconduct.

For purposes of this Agreement, the term "liability" includes, but is not limited to: actual or claimed loss or damage to property or injury to or death of persons; actual or claimed responsibility for such loss, damage, injury or death; and any and all judgments, decrees, costs and expenses of every sort and kind of incident to such loss, damage, injury, death or responsibility, including, but not limited to, court costs, fines and attorney's fees.

14. INSURANCE:

At all times while this Agreement remains in effect, and in recognition of the indemnification provided in the foregoing Paragraph 13, the Licensee shall, at its own cost and expense, maintain a program of third party liability insurance and/or self-insurance to protect the Village, its officers, employees and agents from any liability for bodily injury, death, and property damage occasioned by the activities of the Licensee under this Agreement.

a. During the Term of the Agreement. Licensee shall procure, pay for and maintain in full force and effect during the entire term of the agreement (i) worker's compensation insurance as required by law and which insures Village against worker's compensation claims arising out of Licensee's activities on the Tower; (ii) fire and casualty insurance covering Licensee's Improvements in an amount not less than one hundred percent (100%) of their actual replacement cost; and (iii) commercial general liability insurance, including broad form property damage insurance, for bodily injuries and property damage, in amounts not less than One Million Dollars (\$1,000,000.00) per occurrence and One Million Dollars (\$1,000,000.00) in the aggregate covering bodily injuries or property damage occurring on the Tower.

b. During Construction/Installation. During construction/installation, Licensee's contractor shall also maintain and provide Village with evidence of each of the insurance coverages specified in subparagraph (a) and in the amounts so specified. In addition, the contractor shall provide builder's risk insurance on an "all risks" basis for one hundred percent (100%) of the insurable value of all construction work in place or in progress from time to time, insuring the project, including materials in storage and while in transit, against loss or damage by fire or other casualty, with extended coverage, vandalism and malicious mischief coverage, bearing a replacement cost agreed amount endorsement.

c. Policies. The policy or policies of insurance required by subparagraphs (a) and (b) shall be underwritten by a company or companies authorized to do business in the State of Illinois, shall be reasonably satisfactory to Village, shall name Village as an additional insured and shall be delivered to the Village, together with evidence of the payment of the premiums, prior to the commencement of the term of this Agreement. Licensee or, where applicable, Licensee's contractors shall furnish Village with a written notice of any cancellation, reduction or modification of insurance required under this Section.

15. LIENS:

Site name: Downers Drive Water Tank

Licensee agrees that it will not permit or suffer any lien to be put upon or arise or accrue against the Property in favor of any person or persons, individual or corporate, furnishing either labor or material in any work herein proposed, and the Licensee further covenants and agrees to hold the Village and its property free from any and all liens, or rights or claim of lien, which may or might arise or accrue under or be based upon any mechanic's lien law of the State of Illinois. If any such lien or claim for lien is filed or recorded against the Property, the Village shall give Licensee notice thereof and demand that Licensee remove the same, or post adequate security to insure the removal of the same following the resolution of any dispute between Licensee and the lienholder, within thirty (30) days after such notice. Nothing in this provision shall restrict Licensee from granting a security interest in all or any part of Licensee's Improvements and to file of record UCC financing statements and/or fixture filings to perfect the same.

16. ASSIGNMENT AND SUBLEASING:

This Agreement may not be assigned or transferred without the express written consent of the Village, which shall not be unreasonably withheld, conditioned or delayed. The Village agrees to respond to any such request within thirty (30) days from receipt of the request. Any assignment or transfer without such written consent shall, at the option of the Village, be deemed to be void and of no effect. Provided, however, this Agreement may be assigned or transferred to Licensee's parent or an subsidiary, successor legal entity or other affiliate of Licensee without the Village's written consent as long as the Village is given written notice of the assignment or transfer within 30 days thereof. The Village must approve any sublease and shall be entitled to 50% of any sublease in addition to the rental fee as described in Section 7, above.

17. HAZARDOUS SUBSTANCES:

a. The Village represents and warrants that it has no knowledge of any hazardous substance existing on the Property in violation of any applicable federal, State or local law, regulation or ordinance. The Village further agrees to hold Licensee harmless from and indemnify Licensee against any damage, loss or expense or liability resulting from the existence on the Property of any such hazardous substance, including all attorney's fees and consultant fees, costs and penalties, incurred as a result thereof, unless caused by Licensee or any of its employees or agents.

b. Licensee represents and warrants that its use of the Licensed Premises will not generate any hazardous substance, and that it will not store or dispose on the Licensed Premises, nor transport to or over the Licensed Premises, any hazardous substance in violation of any applicable federal, State or local law, regulation or ordinance. Licensee further agrees to hold the Village harmless from and against and indemnify the Village against any release of such hazardous substance and any damage, loss, or expense or liability resulting from such release, including attorney's fees and consultant fees, costs and penalties, incurred as a result thereof, which was caused by Licensee or any of its employees or agents.

c. "Hazardous Substance" as used herein shall mean any substance or material defined or designated as hazardous or toxic waste, hazardous or toxic materials, hazardous or toxic radioactive substance, or other similar term by any federal, State or local

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environmental law, regulation or ordinance presently in effect or promulgated in the future.

18. COST OF ENFORCEMENT:

The prevailing party in any action or proceeding in court or mutually agreed upon arbitration proceeding to enforce the terms of this Agreement shall be entitled to receive its reasonable attorney's fees and other reasonable enforcement costs and expenses from the non-prevailing party.

19. INVALIDITY:

If any section, paragraph, clause or provision of this Agreement shall be held invalid, the invalidity of such section, paragraph, clause or provision shall not affect any of the other provisions of this Agreement.

20. FORCE MAJEURE:

Neither party shall be deemed in violation of this Agreement for the delay in performance or failure to perform in whole or in part its obligations under this Agreement due to strike, war or act of war (whether an actual declaration is made or not), insurrection, riot, act of public enemy, fire, flood or other act of God or by other events to the extent that such events are caused by circumstances beyond such party's control.

21. NOTICES:

Unless otherwise specified herein, all notices under this agreement shall be made in writing and delivered to:

Village Manager
Village of Downers Grove
801 Burlington Avenue
Downers Grove, IL 60515-4776

And: Denali Spectrum Operations, LLC
10307 Pacific Center Court
San Diego, CA 92121
Attn: Legal Department

In the event the Licensee moves, consolidates, merges, splits or otherwise reorganizes or moves its offices, it is the duty and obligation of the Licensee to provide written notification to the Village within thirty (30) days of any change.

22. GOVERNING LAW:

This Agreement shall be governed by the laws of the State of Illinois.

Site name: Downers Drive Water Tank

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the ____ day of _____, 2008.

LICENSEE:

Denali Spectrum Operations, LLC
a Delaware Limited Liability Company

Denali Spectrum License, LLC

Its Sole Member

Denali Spectrum, LLC

Its Sole Member

Denali Spectrum Manager, LLC

Its Manager

Doyson, Limited

Its Manager

By: *R. Root*

Title: *Operations Manager*

Subscribed and sworn to
this 15 day of May 2008.

Donna L. Vece
Notary Public

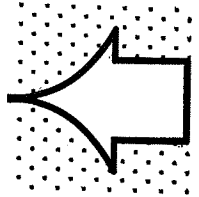


VILLAGE OF DOWNERS GROVE

By: _____
Mayor

ATTEST:

Village Clerk



WIT



APPROVED
 #07-13-642-3821
DOWNERS GROVE
CODE SERVICES
 DATE _____ INITIAL M. MANEK

cricket communications

SITE NAME:
DOWNERS GROVE WT
 SITE NUMBER:
ORD-321-A

NEW EQUIPMENT AND NEW ANTENNAS ON AN EXISTING WATER TOWER

ARCHITECT:
 DYNATEK TELECOMMUNICATIONS SERVICES
 7134 BROOKWOOD DRIVE
 BROADFIELD, OH 44403
 PHONE: 800-838-3224
 FAX: 330-448-4337
 WWW.DYNATEK.COM

CONTACT: MARK THOMPSON

APPLICANT:
 CRICKET COMMUNICATIONS
 6619 W. BORN KENNEDY AVE., SUITE 618
 CHICAGO, IL 60631
 PHONE: XXX-XXX-XXXX

TOWER OWNER:
 VILLAGE OF DOWNERS GROVE
 2000 INTERNATIONAL PROPERTY
 ADDRESS: 2000 INTERNATIONAL PROPERTY
 CONTACT: DAVE BRID
 PHONE: 630.424.5442

EC CITY:

ELECTRIC:
 CONRB
 CONTACT: 1.866.639.3332

TELECO:
 SEC
 CONTACT: 1.800.343.7870

CONSULTANT TEAM:

SITE NAME:
 DOWNERS GROVE WT
SITE NUMBER:
 ORD-321-A

SITE ADDRESS:
 6619 W. BORN KENNEDY AVE., SUITE 618
 DOWNERS GROVE, IL 60615

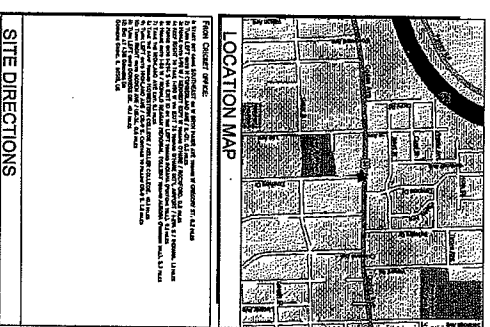
DU PAGE COUNTY:
 LAT: 41° 46' 25.00" N
 LONG: 89° 1' 31.58" W

CODE BLOCK:
 BUILDING CODE: 2000 INTERNATIONAL BUILDING CODE
 MAINTENANCE CODE
 2000 INTERNATIONAL PROPERTY
 CURRENT D.G. ZONING ORDINANCE
 (UNLESS THE PLAN OF EQUIPMENT AND ANTENNA)
 USE GROUP U (UTILITY)
 CONST. TYPE: IIB
 SQ. FOOTAGE: 180

THE PROPOSED PROJECT INCLUDES:
 NEW 6'-0" x 10'-0" EQUIPMENT PLATFORM
 NEW ELECTRICAL SERVICE
 NEW ANTENNAS AND ALL ASSOCIATED PARTS

THIS FACILITY SHALL MEET OR EXCEED ALL FAA AND FCC REGULATORY REQUIREMENTS

SHT. NO.	DESCRIPTION
T-1	TITLE SHEET
A-1	SURVEY
A-2	SITE PLAN
A-3	ELEVATIONS
A-4	PLATFORM, ICE BRIDGE & OPS DETAILS
A-5	RF ANTENNA TRENCH DETAILS
E-1	ANTENNA MOUNT DETAILS
E-2	GROUNDING PLAN & SCHEMATICS
E-3	UTILITY PLAN
E-4	SINGLE LINE DIAGRAM & DETAILS
E-5	GROUNDING DETAILS
G-1	PPC CABINET DETAILS
G-2	GENERAL NOTES
G-3	GENERAL NOTES
G-4	GENERAL NOTES



SHEET INDEX

SITE DIRECTIONS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR MODIFICATIONS.

CRICKET PROP.: _____ DATE: _____

CRICKET R.F.: _____ DATE: _____

CRICKET NETOPS: _____ DATE: _____

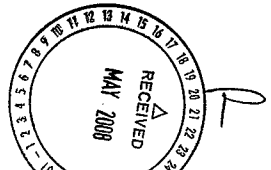
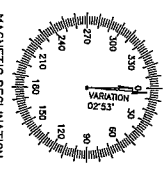
CRICKET CONST.: _____ DATE: _____

INTERCONNECT: _____ DATE: _____

CRICKET SITE DEV. MGR: _____ DATE: _____

PROPERTY OWNER: _____ DATE: _____

APPROVALS



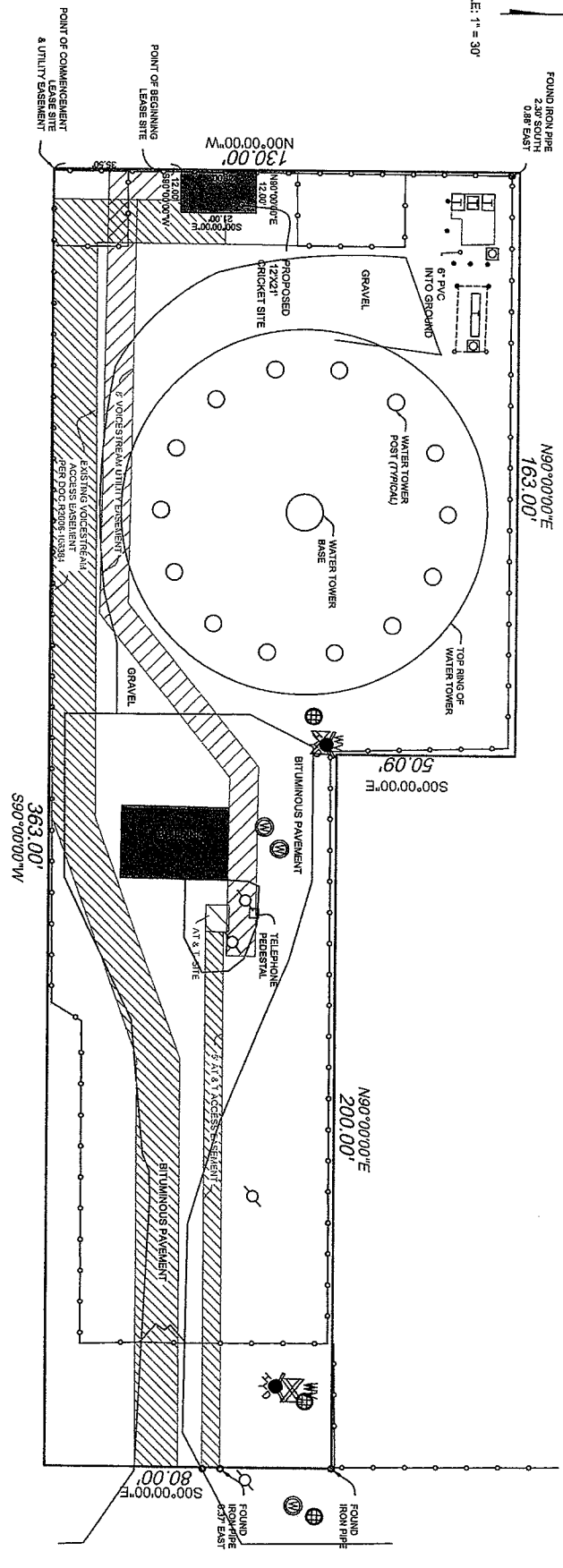
<p>8619 W. Born Kennedy Ave., Suite 618 Chicago, IL 60631</p> <p>cricket communications</p>	<p>Dynatek TELECOMMUNICATIONS SERVICES 7134 Brookwood Drive Broadfield, OH 44403 Phone: 800-838-3224 Fax: 330-448-4337 www.dynatek.com</p>	<p>DRYNER FIRM NO.: 6592</p> <p>DRAWN BY: M.L.W.</p> <p>CHECKED BY: D.C.B.</p> <p>SUBMITTALS</p> <table border="1"> <tr> <td>9</td> <td>5/5/08</td> <td>COMMENTS</td> <td>HNT</td> </tr> <tr> <td>8</td> <td>4/22/08</td> <td>CITY REVIEW</td> <td>HNT</td> </tr> <tr> <td>7</td> <td>3/20/08</td> <td>CITY REVIEW</td> <td>TN</td> </tr> <tr> <td>6</td> <td>2/28/08</td> <td>REVIEW REVISIONS</td> <td>HNT</td> </tr> <tr> <td>5</td> <td>1/16/08</td> <td>REVIEW REVISIONS</td> <td>HNT</td> </tr> <tr> <td>4</td> <td>1/17/08</td> <td>REVIEW REVISIONS</td> <td>HNT</td> </tr> <tr> <td>3</td> <td>1/16/07</td> <td>REVIEW REVISIONS</td> <td>HNT</td> </tr> </table>	9	5/5/08	COMMENTS	HNT	8	4/22/08	CITY REVIEW	HNT	7	3/20/08	CITY REVIEW	TN	6	2/28/08	REVIEW REVISIONS	HNT	5	1/16/08	REVIEW REVISIONS	HNT	4	1/17/08	REVIEW REVISIONS	HNT	3	1/16/07	REVIEW REVISIONS	HNT	<p>THIS SET OF DOCUMENTS IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED ON THESE DOCUMENTS. NO OTHER USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO CLIENT PROJECT IS TO BE PERMITTED.</p> <p>THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS THE PROPERTY OF DYNATEK TELECOMMUNICATIONS SERVICES. IT IS TO BE KEPT CONFIDENTIAL AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.</p> <p>DATE: 5/15/08</p> <p>DYNATEK TELECOMMUNICATIONS SERVICES 6619 W. BORN KENNEDY AVE., SUITE 618 CHICAGO, IL 60631 PHONE: 800-838-3224 FAX: 330-448-4337 WWW.DYNATEK.COM</p> <p>STATE OF ILLINOIS LICENSED ARCHITECT DAVE BRID 001-017372</p> <p>DOWNER'S GROVE WT ORD-321-A</p> <p>418 DOWNERS GROVE DOWNERS GROVE, IL 60615</p> <p>SHEET TITLE: TITLE SHEET</p> <p>SHEET NUMBER: T-1</p>
9	5/5/08	COMMENTS	HNT																												
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4	1/17/08	REVIEW REVISIONS	HNT																												
3	1/16/07	REVIEW REVISIONS	HNT																												

Expires 11-30-2008
[Signature]

SITE SURVEY

PARTIAL FACED LEGAL RESUBDIVISION OF LOTS 8, 9 AND 10 IN WYRON HAMILCOX COBBEN AVENUE SUBDIVISION, BEING A SUBDIVISION SITUATED IN THE SOUTH WEST 1/4 OF SECTION 8, TOWNSHIP 28 NORTH, RANGE 11 EAST, 1200 FEET TO THE WEST, 1200 FEET TO THE EAST, 1200 FEET TO THE SOUTH, 1200 FEET TO THE NORTH, THENCE SOUTH 00°00'00" EAST 21.00 FEET, THENCE SOUTH 89°17'41" WEST 1200 FEET TO THE POINT OF BEGINNING, IN DUPAGE COUNTY, ILLINOIS, CONTAINING 222 SQUARE FEET, MORE OR LESS.

SCALE: 1" = 30'



Call Before You Dig
ILLINOIS ONE-CALL SYSTEM
 QAL: 1-800-492-0123

- NOTES:**
1. P.L.N. 09-06-307/011
 2. THE LOCATION OF UTILITIES WAS DONE BY FIELD OBSERVATION ONLY.
 3. THIS SURVEY WAS PREPARED FOR THE INSTALLATION OF WIRELESS COMMUNICATION EQUIPMENT ONLY.
 4. LATITUDE: 41°48'28.87" (NAD83)
 5. ELEVATION AT BASE OF TOWER: 757.0' (NAD83)
 6. ELEVATION AT TOP OF TOWER: 877.2' (NAD83)

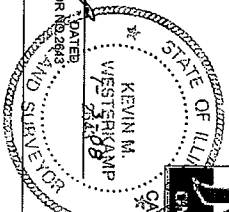
SITE DESIGNATION INFORMATION
 VILLAGE OF DOWNERS GROVE WATER TOWER
 GRD-521-A
 4318 DOWNERS DRIVE
 DOWNERS GROVE, ILLINOIS 60015

LEGEND

- W WATER VALVE
- WV WATER VALVE VAULT
- CB CATCH BASIN
- H HYDRANT
- PP POWER POLE
- SP STEEL POST

E&G SURVEY COMPANY, INC.
 ILLINOIS & IOWA PROFESSIONAL LAND SURVEYORS
 2651 BERNICE ROAD
 LAVERGNE, ILLINOIS 60454
 TEL: 630-448-8800
 FAX: 630-448-8801
 benjamin@eandg.com
 benjamin@eandg.com

KEVIN M. WESTERKAMP
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2843
 MY LICENSE EXPIRES 11/30/2008



REV.	DESCRIPTION	BY	DATE
1	MOVE LEASE SITE AREA	GMW	11/30/08

ORDERED BY: DYNATEK COMMUNICATIONS	CHECKED BY: KMW
LOCATION: 4318 DOWNERS DRIVE	DATE: 10/11/07
DOWNERS GROVE, ILLINOIS	DATE: 10/05/07
FIELD WORK: KMW	DATE: 10/05/07
JOB NUMBER: 1074101	SHEET: 1 OF 1

cricket
communications

8619 W. Bryn Mawr Ave.
Suite 614
Chicago, IL 60611

Dynatek
TELECOMMUNICATIONS SERVICES

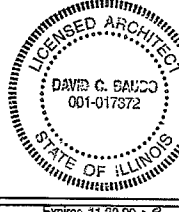
114 Brookwood Drive
Brookfield, OH 44003
Phone: 800-833-3224
Fax: 330-448-4537
www.dynatektelecom.com

DATE: 6/23
DRAWN BY: M.T.W.
CHECKED BY: D.C.B.

SUBMITTALS

1	5/5/08	Comments	HWT
2	4/22/08	CITY PERMITS	HWT
3	3/20/08	CITY PERMITS	TH
4	2/28/08	Resubmit Reviews	HWT
5	1/14/08	Resubmit Reviews	SHR
6	1/2/08	Resubmit Reviews	HWT
7	1/15/07	Resubmit Reviews	HWT

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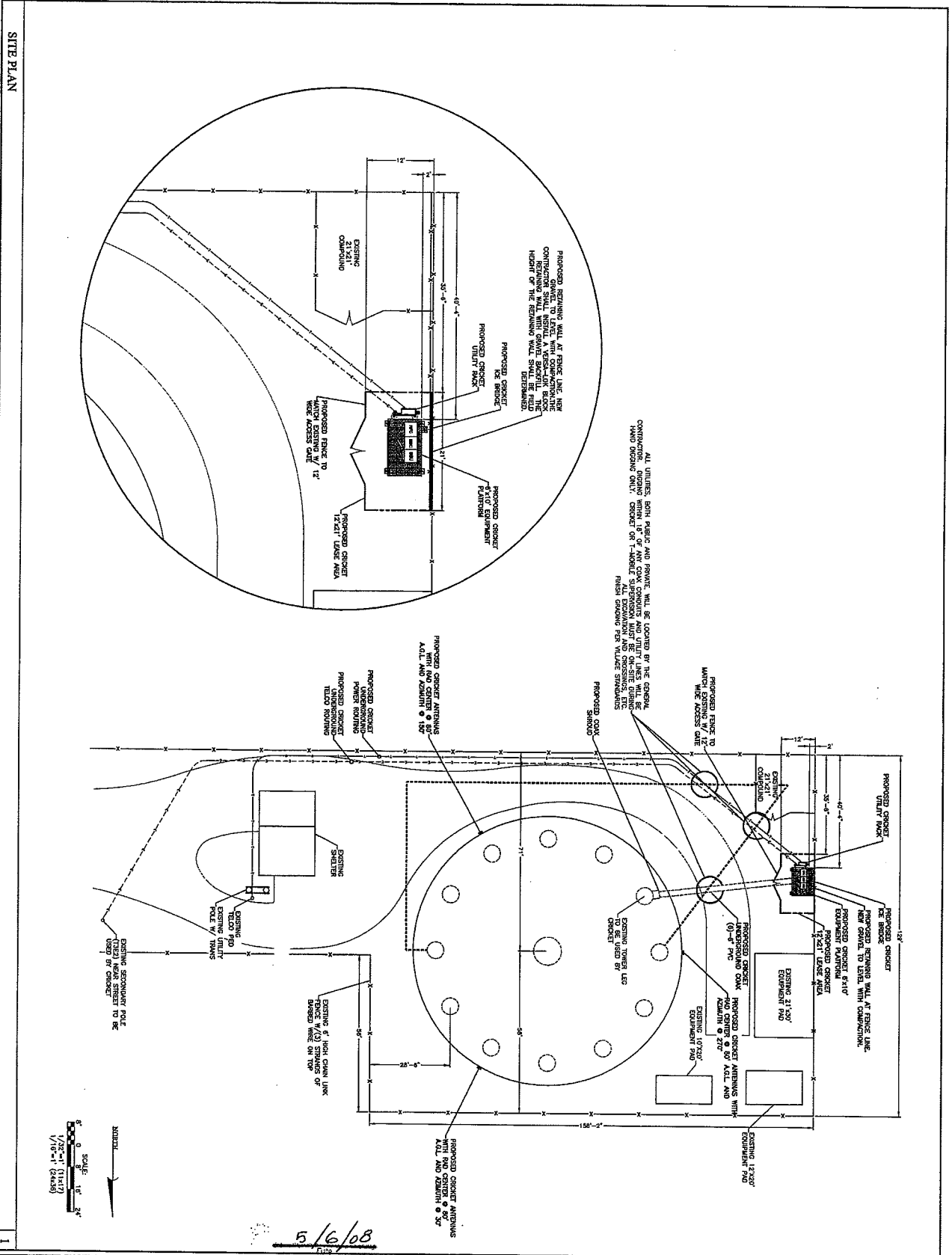


DAVID C. BANCO
001-017372
STATE OF ILLINOIS
LICENSED ARCHITECT

APR DOWNERS DRIVE
DOWNERS GROVE, IL 60515

SHEET TITLE:
SITE PLAN

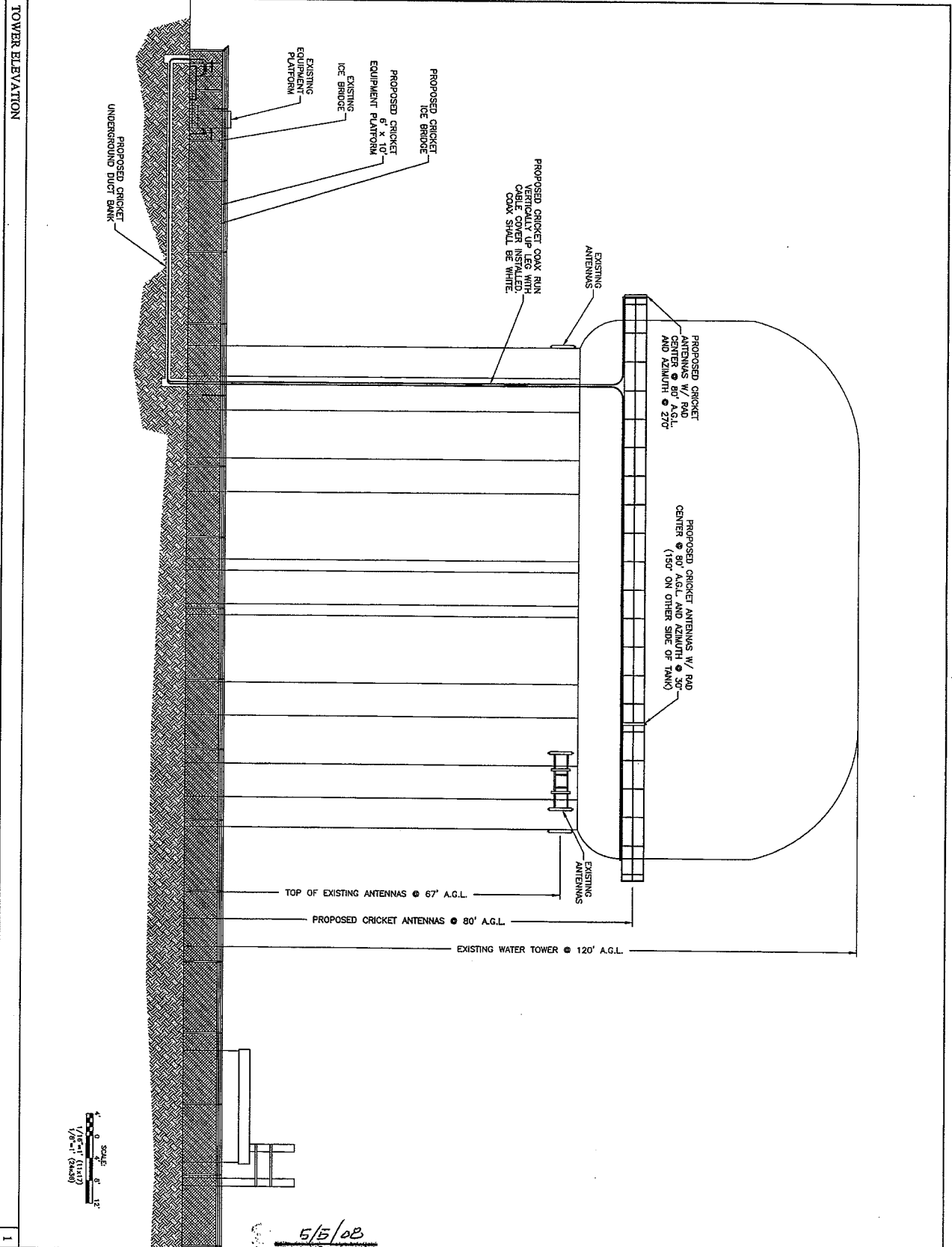
SHEET NUMBER:
A-1



SITE PLAN

5/16/08
Date

Expires 11-30-2008
David C. Banco
Signature



cricket
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Chicago, IL 60631

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TELECOMMUNICATIONS SERVICES

7134 Brookwood Drive
Zionwood, IL 60458
Phone: 800.438.2243
Fax: 312.448.4337
www.dynatek.com

PROJECT: 6152

DATE: 5/5/08

DESIGNED BY: M.C.T.W.

CHECKED BY: D.C.B.

STATE OF ILLINOIS

LICENSED ARCHITECT

DAVE C. SAUDO
001-017372

Expiring 11-30-2008

David C. Saudo

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SUBMITTALS

1	1/15/07	Revised Drawings	HTW
2	1/15/07	Revised Drawings	HTW
3	1/15/07	Revised Drawings	HTW
4	1/22/08	Revised Drawings	HTW
5	1/14/08	Revised Drawings	HTW
6	2/28/08	Revised Drawings	HTW
7	3/20/08	CITY REVIEW	THI
8	4/22/08	CITY REVIEW	THI

134 Brookwood Drive
Zionwood, IL 60458
Phone: 800.438.2243
Fax: 312.448.4337
www.dynatek.com

PROJECT: 6152

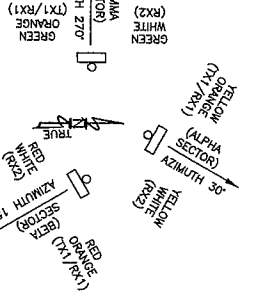
DATE: 5/5/08

DESIGNED BY: M.C.T.W.

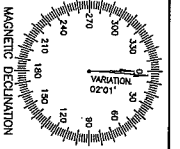
CHECKED BY: D.C.B.

SUBMITTALS

1	1/15/07	Revised Drawings	HTW
2	1/15/07	Revised Drawings	HTW
3	1/15/07	Revised Drawings	HTW
4	1/22/08	Revised Drawings	HTW
5	1/14/08	Revised Drawings	HTW
6	2/28/08	Revised Drawings	HTW
7	3/20/08	CITY REVIEW	THI
8	4/22/08	CITY REVIEW	THI



- NOTES:
1. TYPES AND SIZES OF THE ANTENNA CABLE ARE BASED ON ESTIMATED LENGTHS. PRIOR TO ORDERING CABLE, CONTRACTOR TO VERIFY ACTUAL LENGTHS BASED ON CONSTRUCTION LAYOUT AND NOTIFY PROJECT MANAGER IF ACTUAL LENGTHS EXCEED ESTIMATED LENGTHS.
 2. CONTRACTOR SHALL VERIFY THE DOWNWILT OF EACH ANTENNA WITH A DIGITAL LEVEL.
 3. CONTRACTOR TO CONFIRM COAX COLOR CODING PRIOR TO CONSTRUCTION.
 4. COLOR BANDING SHALL BE 2" WIDE ON THE MAIN LINE (5 WIRE MAIN), SPACING TO BE 1" BETWEEN COLORS. COLOR BAND ON JUMPERS 1" WIDE WITH 1" SPACING. COLOR BANDS 2" BEYOND WEATHERPROOFING. START SECTOR COLOR NEXT TO END CONNECTOR.



RF CONFIGURATION		SECTION 1	SECTION 2	SECTION 3
AZIMUTH		30°	150°	270°
ANTENNA HT (ft)		80'	80'	80'
# OF ANTENNAS		1	1	1
ANTENNA MODEL		KAM-1	KAM-1	KAM-1
ANTENNA MODEL-OTHER		HB-X-AM-17-65-001	HB-X-10-17-65-001	HB-X-10-17-65-001
ELECTRICAL DOWN-TILT		0	2	2
MECHANICAL DOWN-TILT		0	0	0
CABLE LENGTH (ft)		305'	210'	255'
CABLE TYPE (Inches)		1 5/8"	1 5/8"	1 5/8"
TOP JUMPER LENGTH (ft)		6	6	6
BOTTOM JUMPER LENGTH (ft)		6	6	6
BAS TEE TOP		A1B1-TOP-24V	A1B1-TOP-24V	A1B1-TOP-24V
BAS TEE BOTTOM		A1B1-BOTTOM-24V	A1B1-BOTTOM-24V	A1B1-BOTTOM-24V

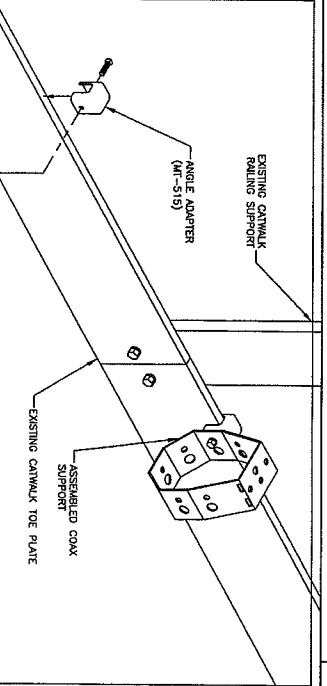
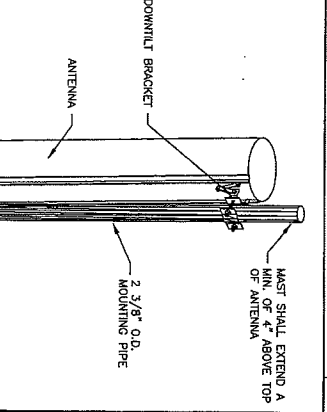
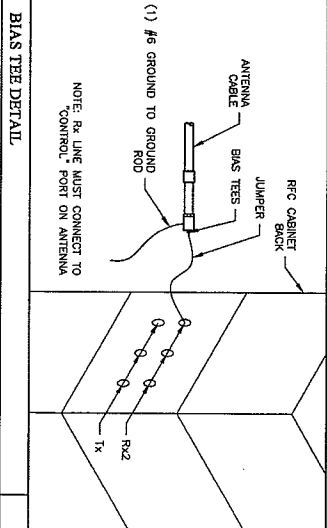
RF CONFIGURATION INFORMATION

1734 Brookwood Drive
 Brookfield, OH 44043
 Phone: 800-833-5224
 Fax: 330-444-4337
 www.dynatekcommunications.com

TELECOMMUNICATIONS SERVICES

Dynatek
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 Suite 415
 Chicago, IL 60631



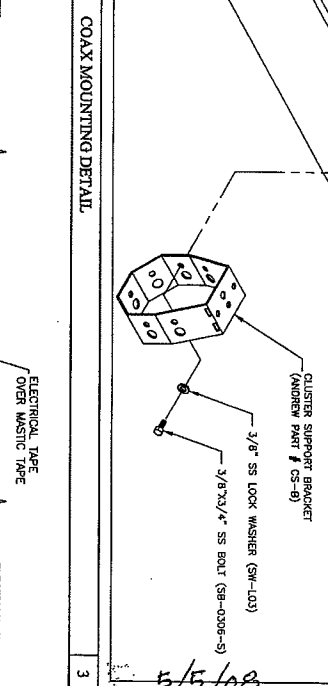
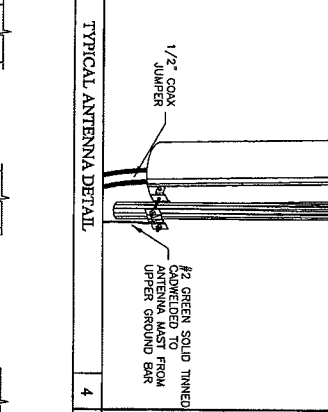
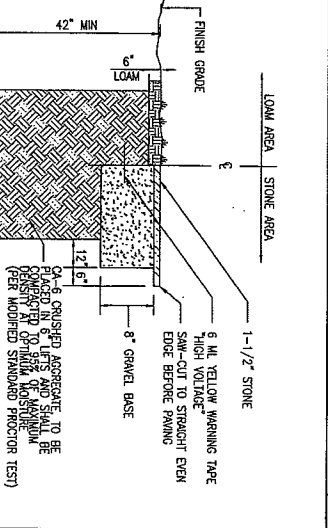
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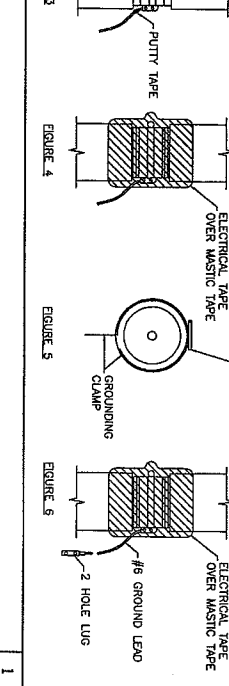
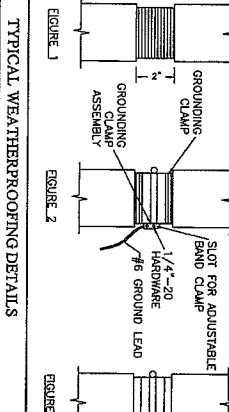
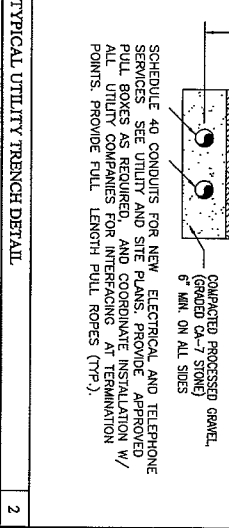
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 www.dynatekcommunications.com

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 Brookfield, OH 44043
 Phone: 800-833-5224
 Fax: 330-444-4337
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 communications

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 Suite 415
 Chicago, IL 60631

DOWNERS GROVE WEST ORD-321-A

ASIAN DOWNERS DRIVE
 DOWNERS GROVE, IL 60515

SHEET TITLE: RF ANTENNA, AND TRENCH DETAILS

SHEET NUMBER: A-3

LICENSED ARCHITECT
 STATE OF ILLINOIS
 DAVID S. CONG & ASSOCIATES
 001-017372

Expires 11-30-2008
David S. Cong

RF CONFIGURATION INFORMATION

1734 Brookwood Drive
 Brookfield, OH 44043
 Phone: 800-833-5224
 Fax: 330-444-4337
 www.dynatekcommunications.com

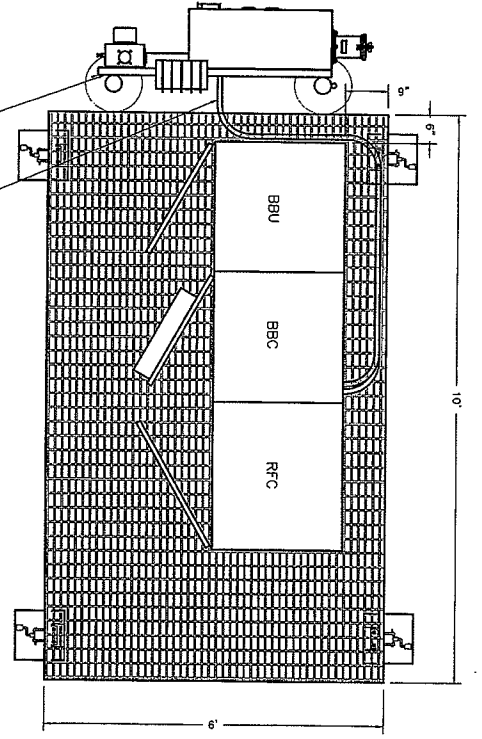
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RF ANTENNA, AND TRENCH DETAILS

SHEET NUMBER: A-3



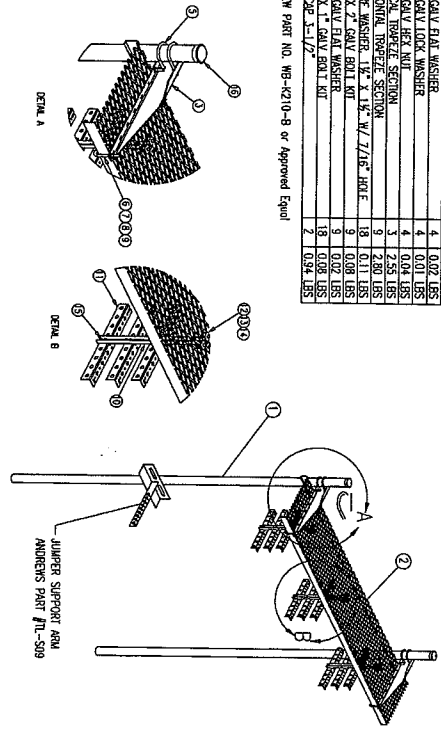
PROPOSED CRICKET 5' H-FRAME TO BE CONSTRUCTED OF 3 1/2" DIA. GALVANIZED POSTS AND 1 1/2" UN-STRUT AT A HEIGHT OF 6' ABOVE GRADE. POSTS ARE TO BE SET IN CONCRETE FOOTING (12" DIA. X 3' DEEP).

PROPOSED 1-1/4" CONDUITS FROM TRANSJECTOR TO BBC CABINET

ITEM	PART NO.	DESCRIPTION	QTY	WEIGHT
1	WB-K210-B	PERF BRIDGE, 24" X 10" X 13 GAUGE	2	10.01 LBS
2	WB-K210-B	SHEET BRIDGE, 24" X 10" X 13 GAUGE	2	12.72 LBS
3	WB-K210-B	BRIDGE KIT (ITEMS 1-8)	1	12.72 LBS
4	WB-K210-B	BRIDGE KIT (ITEMS 9-18)	1	12.72 LBS
5	WB-K210-B	BRIDGE KIT (ITEMS 19-28)	1	12.72 LBS
6	WB-K210-B	BRIDGE KIT (ITEMS 29-38)	1	12.72 LBS
7	WB-K210-B	BRIDGE KIT (ITEMS 39-48)	1	12.72 LBS
8	WB-K210-B	BRIDGE KIT (ITEMS 49-58)	1	12.72 LBS
9	WB-K210-B	BRIDGE KIT (ITEMS 59-68)	1	12.72 LBS
10	WB-K210-B	BRIDGE KIT (ITEMS 69-78)	1	12.72 LBS
11	WB-K210-B	BRIDGE KIT (ITEMS 79-88)	1	12.72 LBS
12	WB-K210-B	BRIDGE KIT (ITEMS 89-98)	1	12.72 LBS
13	WB-K210-B	BRIDGE KIT (ITEMS 99-108)	1	12.72 LBS
14	WB-K210-B	BRIDGE KIT (ITEMS 109-118)	1	12.72 LBS
15	WB-K210-B	BRIDGE KIT (ITEMS 119-128)	1	12.72 LBS
16	WB-K210-B	BRIDGE KIT (ITEMS 129-138)	1	12.72 LBS
17	WB-K210-B	BRIDGE KIT (ITEMS 139-148)	1	12.72 LBS
18	WB-K210-B	BRIDGE KIT (ITEMS 149-158)	1	12.72 LBS
19	WB-K210-B	BRIDGE KIT (ITEMS 159-168)	1	12.72 LBS
20	WB-K210-B	BRIDGE KIT (ITEMS 169-178)	1	12.72 LBS

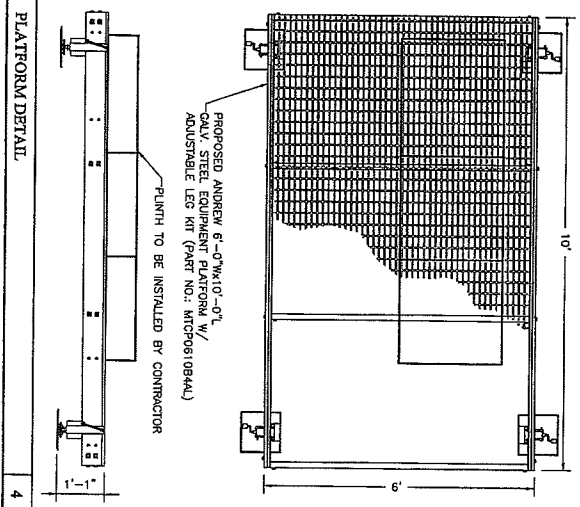
ANDREW PART NO. WB-K210-B or Approved Equal

NOTE: MINIMUM CLEARANCE FROM LOWER TRAFFIC TO GRADE SHALL BE 7'.



PLATFORM LAYOUT

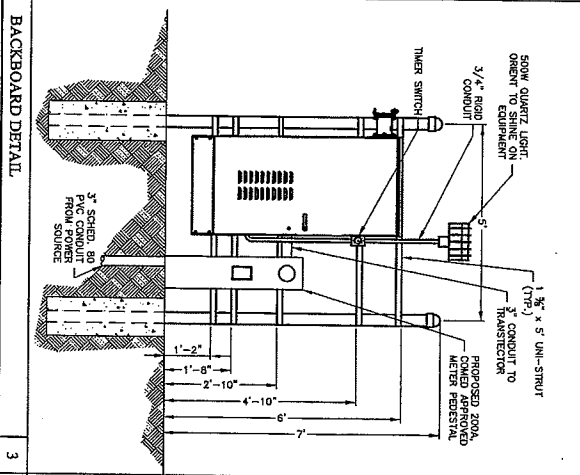
ICE BRIDGE DETAIL (ANDREW PART NO. WB-K210-B or Approved Equal)



PROPOSED ANDREW 6'-0" X 10'-0" GALV. STEEL EQUIPMENT PLATFORM W/ ADJUSTABLE LEG KIT (PART NO.: MTCPO81084A)

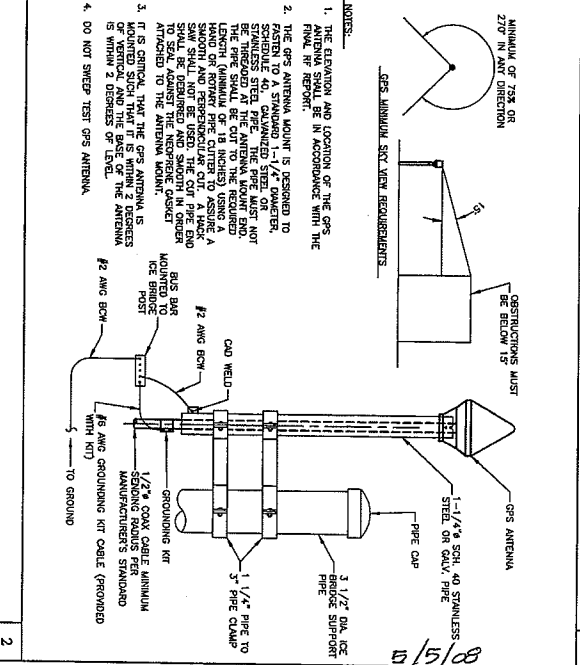
PLINTH TO BE INSTALLED BY CONTRACTOR

PLATFORM DETAIL



5'000 QUARTZ LIGHT, ORIENT TO STRIKE ON 3/4" ROD CONDUIT
 1 1/2" X 6" UN-STRUT (TYP) CONDUIT TO TRANSJECTOR
 PROPOSED 200A OMEGA APPROVED MCB'S (TYP)
 3" SCHED. 40 PVC CONDUIT FROM SOURCE
 3" SCHED. 40 PVC CONDUIT FROM SOURCE
 3" SCHED. 40 PVC CONDUIT FROM SOURCE

BACKBOARD DETAIL



NOTES:
 1. THE ELEVATION AND LOCATION OF THE GPS ANTENNA SHALL BE IN ACCORDANCE WITH THE PLAN IN REPORT.
 2. THE GPS ANTENNA MOUNT IS DESIGNED TO SUPPORT A 1 1/4" DIA. ICE BRIDGE SUPPORT. THE PIPE MUST NOT BE CUT TO THE REQUIRED LENGTH (MINIMUM OF 18 INCHES) USING A SAW. THE PIPE SHALL NOT BE USED TO CUT THE END TO SIZE. AGAINST THE NEOPRENE GASKET ATTACHED TO THE ANTENNA MOUNT.
 3. IT IS CRITICAL THAT THE GPS ANTENNA IS VERTICAL AND THE BASE OF THE ANTENNA IS WITHIN 2 DEGREES OF LEVEL.
 4. DO NOT SWEEP TEST GPS ANTENNA.

GPS ANTENNA DETAIL

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8615 W. Bryn Mawr Ave.
Chicago, IL 60611

Dynatek

TELECOMMUNICATIONS SERVICES

7134 Brookwood Drive
Brookfield, OH 44603
Phone: 800-838-3224
Fax: 330-448-4377
www.dynatek.com

PROJECT NO: 6652
DRAWN BY: M.T.W.
CHECKED BY: D.C.B.

SUBMITTALS

1	ISSUE	ISSUE
2	ISSUE	ISSUE
3	ISSUE	ISSUE
4	ISSUE	ISSUE
5	ISSUE	ISSUE
6	ISSUE	ISSUE
7	ISSUE	ISSUE
8	ISSUE	ISSUE
9	ISSUE	ISSUE
10	ISSUE	ISSUE
11	ISSUE	ISSUE
12	ISSUE	ISSUE
13	ISSUE	ISSUE
14	ISSUE	ISSUE
15	ISSUE	ISSUE
16	ISSUE	ISSUE
17	ISSUE	ISSUE
18	ISSUE	ISSUE
19	ISSUE	ISSUE
20	ISSUE	ISSUE

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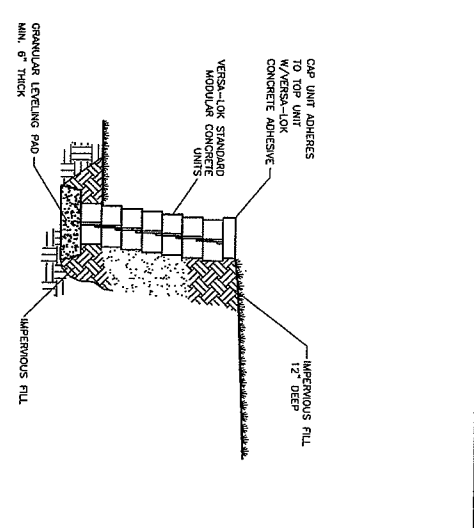
STATE OF ILLINOIS
 COMMERCIAL ARCHITECT
 CON. NO. 001-10-1107572
 STATE OF ILLINOIS

DOWNERS GROVE WT
 ORD-321-A
 418 DOWNERS ROUTE
 DOWNERS GROVE, IL 60516

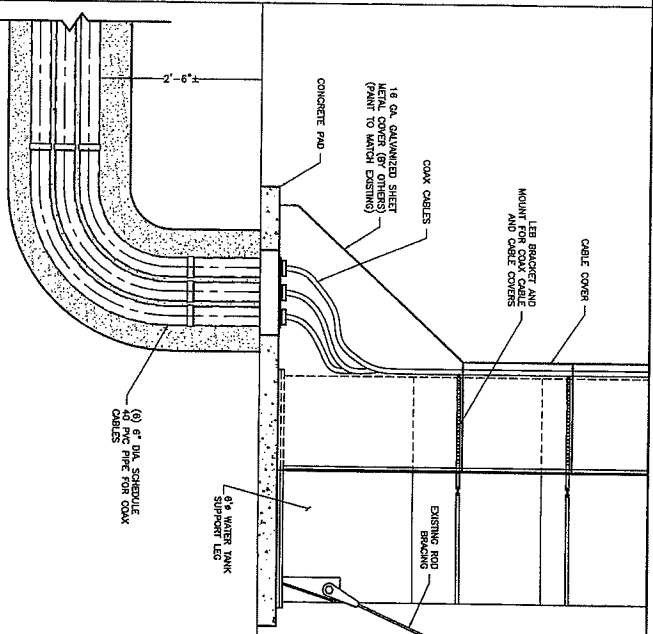
SHEET TITLE:
 PLATFORM, ICE BRIDGE & GPS DETAILS

SHEET NUMBER:
 A-4

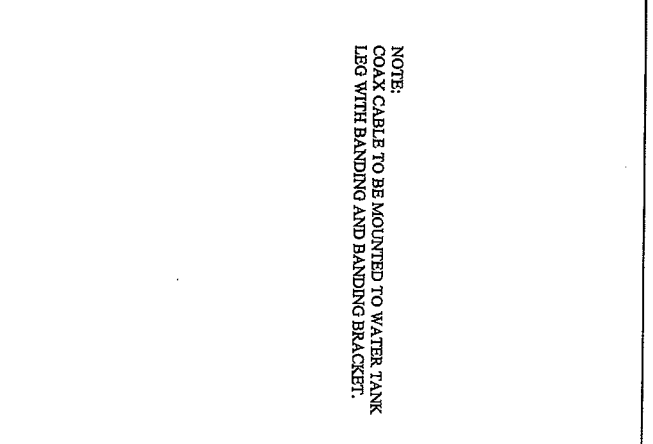
Expires 11-30-2008
David S. Bands
 ARCHITECT



TYPICAL SECTION - UNREINFORCED RETAINING WALL
SCALE NONE

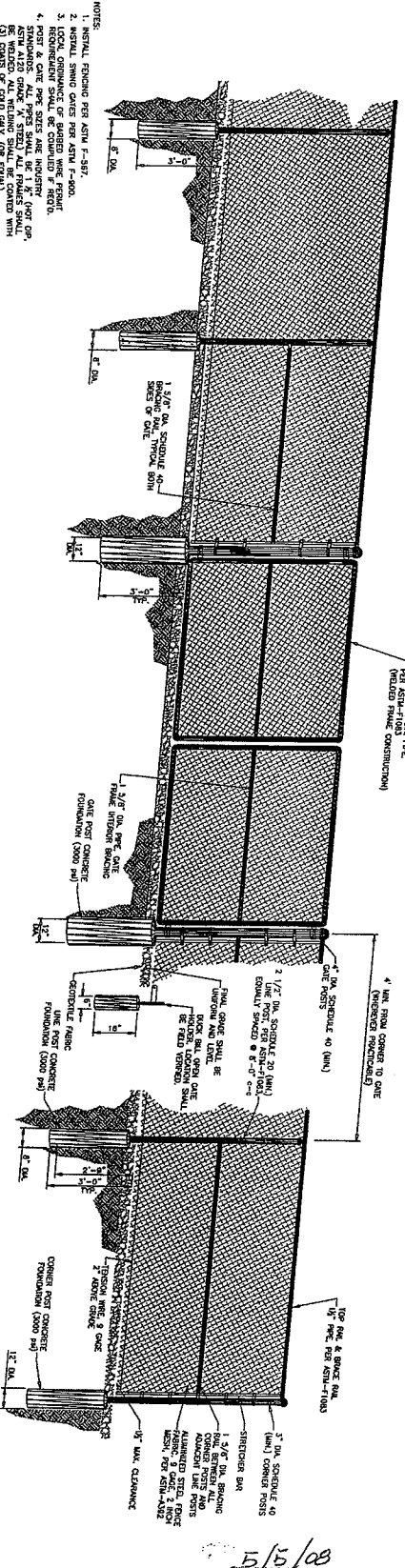


COAX SHEROUD DETAIL



COAX CABLE MOUNTING DETAIL

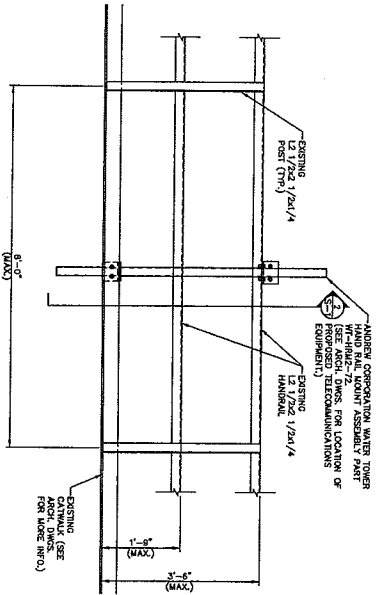
NOTE:
COAX CABLE TO BE MOUNTED TO WATER TANK
LEG WITH BANDING AND BANDING BRACKET.



BENCE DETAIL

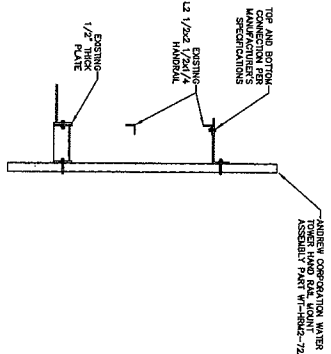
- NOTES:
1. INITIAL FINISHING PER ASTM F-447.
 2. INITIAL FINISHING PER ASTM F-447.
 3. INITIAL FINISHING PER ASTM F-447.
 4. INITIAL FINISHING PER ASTM F-447.
 5. INITIAL FINISHING PER ASTM F-447.
 6. INITIAL FINISHING PER ASTM F-447.
 7. INITIAL FINISHING PER ASTM F-447.
 8. INITIAL FINISHING PER ASTM F-447.
 9. INITIAL FINISHING PER ASTM F-447.

<p>8619 W. Edge View Ave., Suite 619 Chicago, IL 60631</p> <p>cricket communications</p>	
<p>Dynatek TELECOMMUNICATIONS SERVICES</p> <p>7134 Brookwood Drive Brookfield, OH 44403 Phone: 800-538-3224 Fax: 330-448-4337 www.dynatek.com</p> <p>DATE: 5/15/08 DRAWN BY: M.J.W. CHECKED BY: D.C.B.</p>	
<p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE PROPERTY OF DYNATEK. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF DYNATEK.</p>	
<p>5/15/08</p> <p>DAVID C. BAUDO LICENSED ARCHITECT STATE OF ILLINOIS 001-017372</p> <p>DOWNER'S GROVE WT ORD-321-A 4238 DOWNERS DRIVE DOWNERS GROVE, IL 60515</p> <p>SHEET TITLE: SITE DETAILS</p> <p>SHEET NUMBER: A-5</p>	



ELEVATION
SCALE: NIS
S-1

CONTRACTOR NOTES:
1. CONTRACTOR OF EXISTING MATERIAL IS RESPONSIBLE FOR VERIFYING THE PROPOSED TELECOMMUNICATIONS CONNECTIONS WITH THE ORIGINAL CONTRACTOR AND FORWARDING WRITTEN APPROVAL, PLEASE FORWARD APPROVAL TO:
PAUL J. FORD & COMPANY
250 E. BROND ST., SUITE 1000
ATLANTA, GEORGIA 30333
PHONE NO. (404) 225-4679
FAX NO. (404) 225-4689



DETAIL
SCALE: NIS
S-7

PAUL J. FORD AND COMPANY HAS ISSUED A STRUCTURAL OPINION LETTER IN CONNECTION WITH THIS PROJECT. THE PROPOSED DESIGN WILL HAVE A RESIDUAL EFFECT ON THE PRIMARY STRUCTURE OF THE TOWER. THIS EFFECT HAS NOT BEEN PERFORMED TO DETERMINE THE ABILITY OF EXISTING MATERIALS TO SUPPORT THE PROPOSED TELECOMMUNICATIONS CONNECTIONS. THE CONTRACTOR SHALL VERIFY THE ABILITY OF EXISTING MATERIALS, SUCH AS MANUFACTURER'S ASSEMBLIES, ETC. TO TRANSFER THE LOADS TO THE PRIMARY STRUCTURE.

GENERAL NOTES:

1. THESE DRAWINGS SPECIFY THE USE OF THE "BEST" AVAILABLE LIGHTING COMPONENTS BY THE MANUFACTURER. CONTACT THE MANUFACTURER FOR SPECIFICATIONS AND DIMENSIONS OF THEIR PRODUCTS TO SUPPORT THE LOADS SHOWN ON THIS DRAWING.
2. CONTRACTOR SHALL RECEIVE IN WRITING THE OWNER'S REQUIREMENTS FOR TOWER INSPECTIONS PRIOR TO COMMENCING WITH THE WORK ON THE TOWER. UPON THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A WRITTEN REPORT TO THE OWNER THAT ALL WORK DONE WAS PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND THE OWNER'S WRITTEN REQUIREMENTS.
3. UNLESS SHOWN OR NOTED OTHERWISE ON THE CONTRACT DRAWINGS OR IN THE SPECIFICATIONS, PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL MATERIALS, EQUIPMENT AND SUPPLIES IN ACCORDANCE WITH THESE NOTES. THE BEST QUALITY AND/OR GREATER QUANTITY, STRENGTH OR PERFORMANCE OF MATERIALS SHOULD BE PROVIDED.
4. IF MATERIALS, QUANTITIES, STRENGTHS OR SIZES INDICATED BY THE DRAWINGS ARE NOT IN ACCORDANCE WITH THESE NOTES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL MATERIALS, EQUIPMENT AND SUPPLIES IN ACCORDANCE WITH THESE NOTES. THE BEST QUALITY AND/OR GREATER QUANTITY, STRENGTH OR PERFORMANCE OF MATERIALS SHOULD BE PROVIDED.
5. ALL DIMENSIONS AND FIELD DIMENSIONS SHALL BE SHOWN ON THE APPROPRIATE DRAWINGS.
6. THE STRUCTURAL CONTRACT DOCUMENTS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE STRUCTURE IS DESIGNED TO BE STABLE AND SELF-SUPPORTING AT THE COMPLETION OF CONSTRUCTION. NO SEQUENCE TO INSTITUTE THE INSTALLATION AND TO BE PERFORMED IN THE SEQUENCE OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS, BRACING, CUTS OR MEMBERS THAT MAY BE NECESSARY. SUCH MATERIALS ARE NOT INDICATED ON THE DRAWINGS AND, IF PROVIDED, SHALL BE REPAIRED AND REBUILT TO THE PRESENT CONDITION.
7. BEFORE PROCEEDING WITH ANY WORK, THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS. ALL MATERIALS AND EQUIPMENT FURNISHED WILL BE NEW AND OF GOOD QUALITY, FREE FROM DEFECTS AND SHALL BE APPROVED AND AUTHORIZED PRIOR TO INSTALLATION. ALL DIMENSIONS MUST BE PROPERLY APPROVED AND AUTHORIZED PRIOR TO INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FOR THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND ELEVATIONS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND ELEVATIONS. ALL DIMENSIONS MUST BE PROPERLY APPROVED AND AUTHORIZED PRIOR TO INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FOR THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND ELEVATIONS.
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GENERAL CODES AND SPECIFICATIONS:

ASCE 7-05 - MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES

ASCE 310 - MANUAL OF STEEL CONSTRUCTION, 13TH EDITION

GENERAL LOADS:

1. WIND LOADS
2. BASIC WIND SPEED (3 SECOND GUST) mph: ... 80 mph
3. BASIC WIND SPEED WITH 5/8" RAU: ... 40 mph
4. WIND SURFACING FACTOR: ... 1.15
5. WIND EXPOSURE: ... C

STRUCTURAL STEEL:

1. STRUCTURAL STEEL SHALL CONFORM TO THE AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION AND Erection OF STRUCTURAL STEEL FOR BUILDINGS, 13TH EDITION.
2. STEEL SHALL CONFORM TO THE FOLLOWING UNLESS OTHERWISE NOTED:
- ANGLES, PLATES, RODS, ETC. ASTM A36
- STRUCTURAL TUBING: ASTM A500, GRADE B, 48 KSI YIELD STRENGTH
3. ALL CONNECTIONS SHALL BE MADE WITH ASTM A325-N BOLTS TIGHTENED TO SHIP-TIGHT CONVENTION UNLESS OTHERWISE NOTED.
4. DETAIL ALL BOLTED CONNECTIONS AS BEARING TYPE CONNECTIONS WITH THROUGHS IN THE SHEAR PLANE UNLESS NOTED OTHERWISE.
5. REMOVE HARBORED STEEL WISHERS CONFORMING TO AAS AND HEX NUTS ON ALL BOLTED CONNECTIONS.
6. ALL STEEL AND CORROSIONING CONNECTIONS EXPOSED TO WEATHER SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A153 AND AAS RESPECIFICATION.



DOWNERS GROVE, ILLINOIS		EXISTING 120' WATERTANK SITE: ORD-321	
DYNATEK TELECOMMUNICATIONS		ORD-321	
1124 BIRMINGHAM DRIVE BIRMINGHAM, AL 35202	PH: (205) 988-3224	FAX: (205) 248-4337	
PAUL J. FORD AND COMPANY	120' WATERTANK SITE	ORD-321	
120' WATERTANK SITE	ORD-321		
120' WATERTANK SITE	ORD-321		

cricket
communications

8619 W. Bopp Mank' Ave.,
Suite 615
Chicago, IL 60631

Dynatek
TELECOMMUNICATIONS SERVICES

7134 E. Brougham Drive
Brookfield, OH 44003
Phone: 800-558-3224
Fax: 330-448-4337
www.dynatektelecom.com

PROJECT:
FOLD NO.: 6552

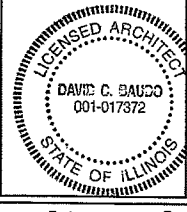
DATE: 5/5/08

DESIGNED BY: M.L.W.

CHECKED BY: D.C.B.

SUBMITTALS	
8	4/22/08 CRT REVISIONS
7	3/20/08 CRT REVISIONS
6	2/28/08 REVISIONS
5	1/14/08 REVISIONS
4	1/2/08 REVISIONS
3	11/6/07 REVISIONS
2	11/9/07 CORRECTOR REVISIONS

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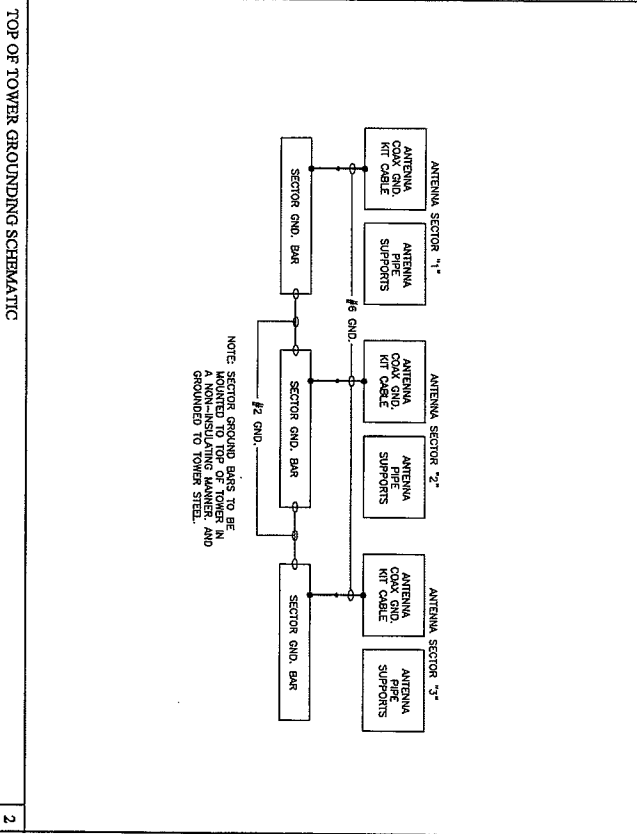


DOWNERS GROVE WT
ORD-321-A

ALB DOWNERS GROVE
DOWNERS GROVE, IL 60515

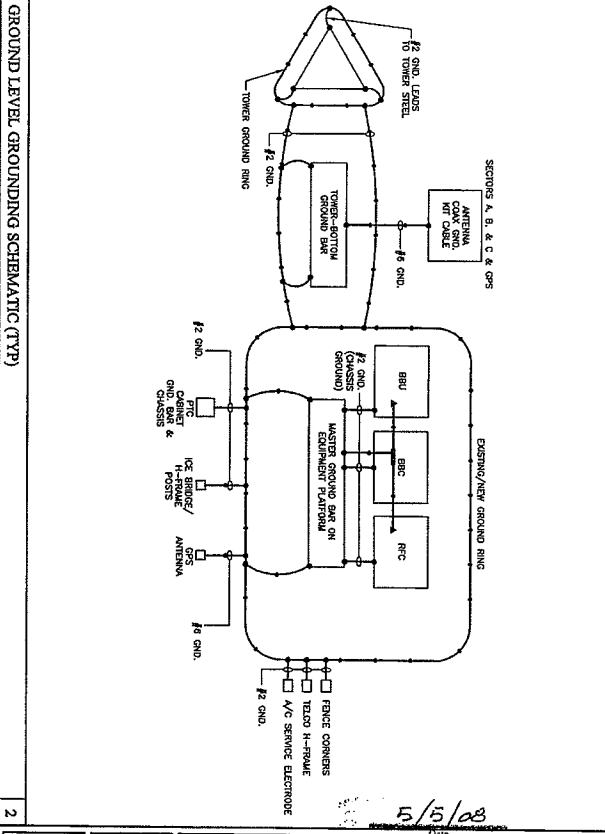
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GROUNDING PLAN & SCHEMATICS

SHEET NUMBER:
E-1



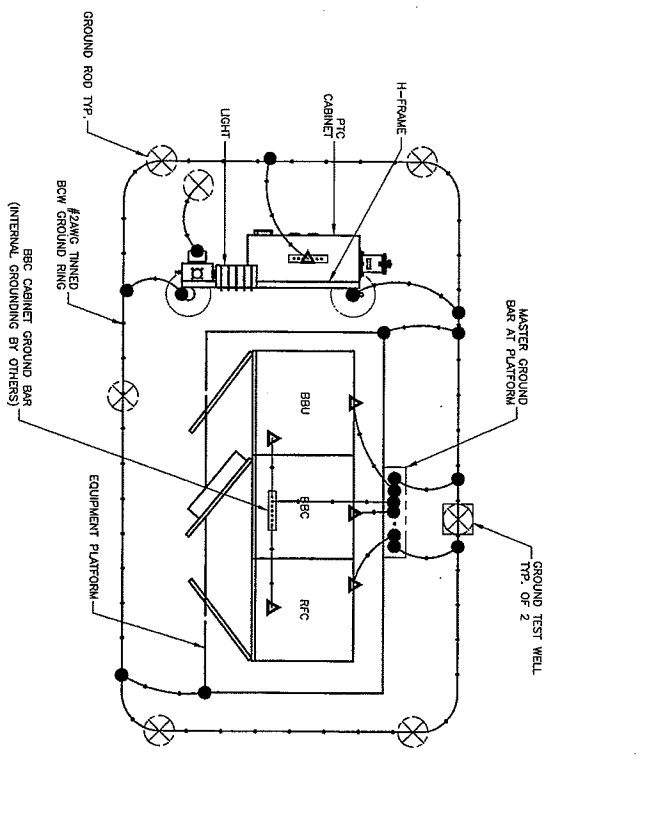
TOP OF TOWER GROUNDING SCHEMATIC

2



GROUND LEVEL GROUNDING SCHEMATIC (TYP)

2



GROUNDING PLAN

1

ELECTRICAL SYMBOLS

- ⊗ GROUND ROD WITH ACCESS
- ⊙ KIT GROUND ROD
- ⊠ GROUND ROD
- ⊞ DISCONNECT SWITCH
- ⊞ METER ON METER/BREAKER UNIT
- ⊞ CIRCUIT BREAKER
- ⊞ GENERATOR
- ⊞ MECHANICAL TYPE CONNECTION
- ⊞ CADWELD TYPE CONNECTION
- ⊞ GROUNDING WIRE
- ⊞ CB INTERLOCKING MECHANISM

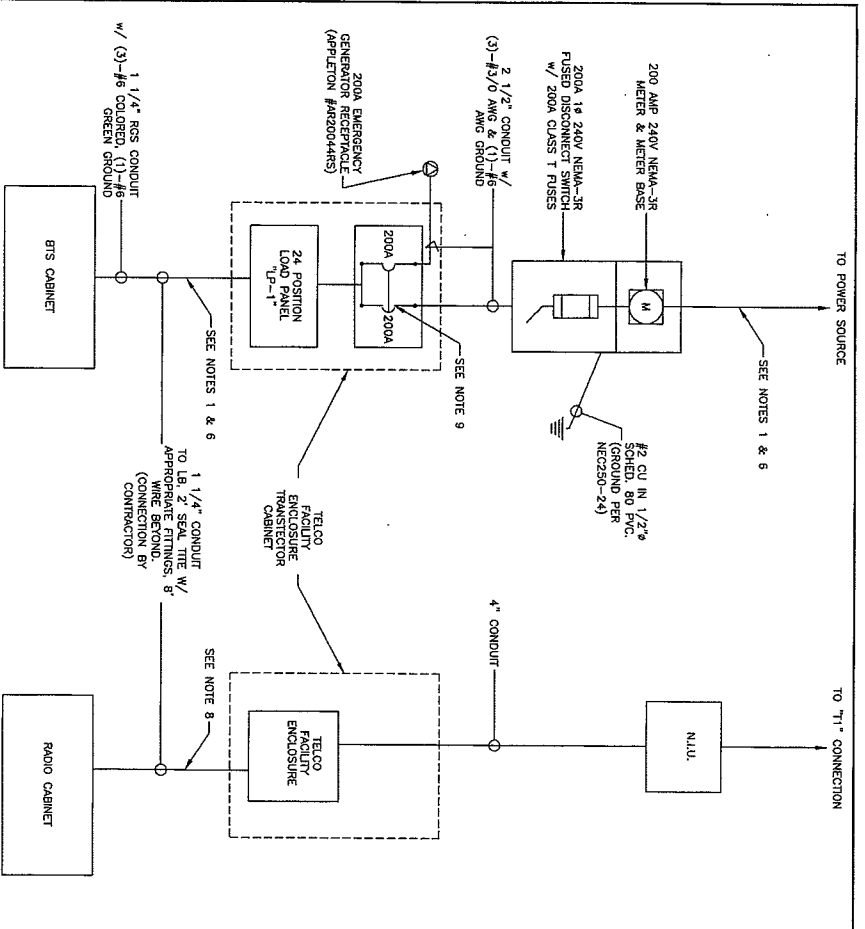
ABBREVIATIONS

- AWG AMERICAN WIRE GAUGE
- BCTW BARE COPPER TINNED WIRE
- GPS GLOBAL POSITIONING SYSTEM
- PCS PERSONAL COMMUNICATION SYSTEM
- PFC POWER PROTECTION CABINET
- PRC PRIMARY RADIO CABINET
- RACVARY RACEWAY
- TYP. TYPICAL
- RFD RIGID GALVANIZED STEEL
- ELM ELECTRIC METALLIC TUBING
- DNR DINING GROUND RING (HALO)
- IGR INTERIOR GROUND RING (HALO)
- ACCQ ANTENNA CABLE COVER ASSEMBLY
- MGCB MASTER ISOLATED GROUND BAR
- CIWGE COAX ISOLATED GROUND BAR EXTERNAL
- BTS BASE TRANSMISSION SYSTEM
- GEN GENERATOR
- GR STRANDED INSULATED COPPER WIRE

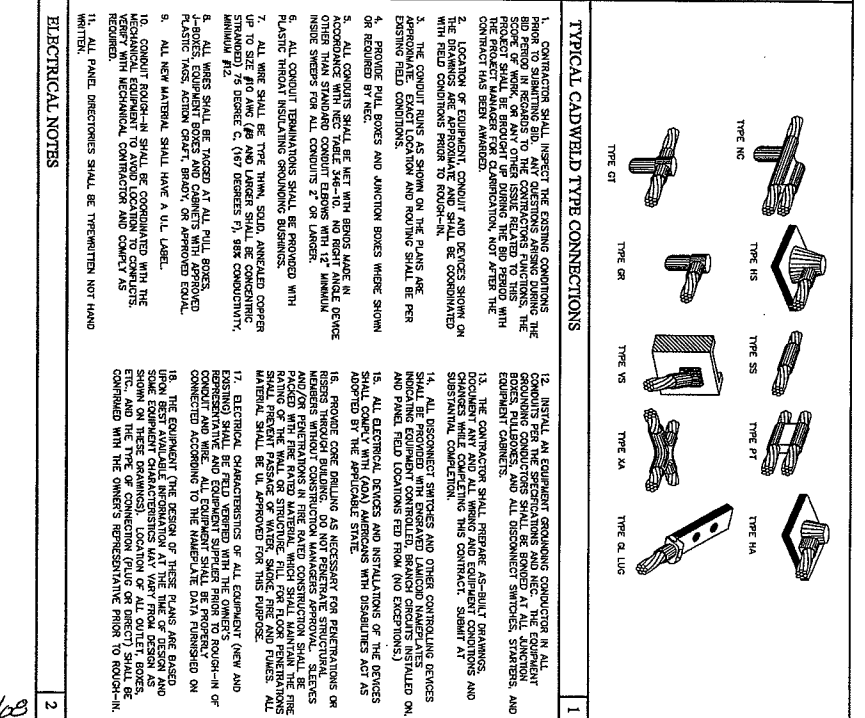
ABBREVIATIONS & SYMBOLS

1

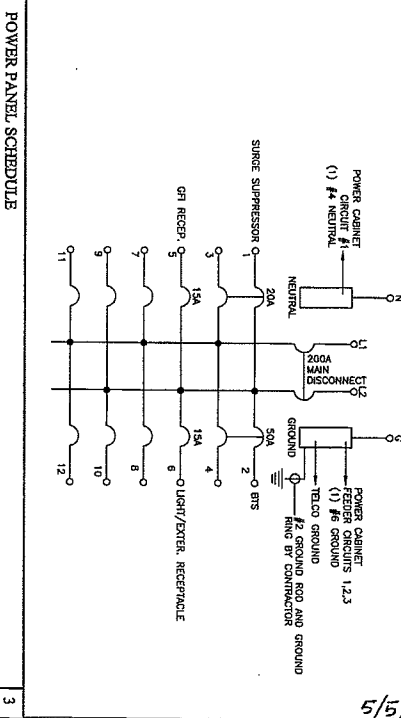
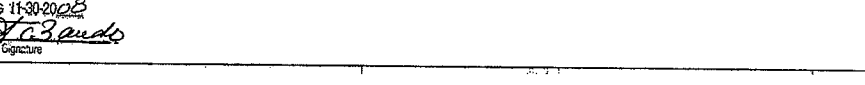
Expires 11-30-2008
David C. Baucus



- NOTES:**
1. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH CURRENT NATIONAL, ELECTRIC CODES AND ALL LOCAL AND STATE CODES, LAWS, AND ORDINANCES. PROVIDE ALL COMPONENTS AND WIRING SIZES AS REQUIRED TO MEET NEC.
 2. POWER SERVICES REQUIREMENTS SHALL BE COMMERCIAL AC NOMINAL 120/208 VOLT OR 120/240 VOLT, SINGLE PHASE WITH 200 AMP RATING.
 3. CONTRACTOR SHALL CONTACT LOCAL POWER COMPANY FOR REQUIREMENTS OF "T1" SERVICE LINE TO TERMINATE AT THE UTILITY MOUNTING STAND.
 4. CONTRACTOR SHALL PROVIDE METER BASE AND DISCONNECT PANELS PER LOCAL POWER COMPANY SPECIFICATIONS AND REQUIREMENTS. POWER COMPANY SHOULD PROVIDE THE 200 AMP SERVICE.
 5. CRICKET SHALL PROVIDE THE TRANSISTOR POWER CABINET AND TELCO FACILITY ENCLOSURE. CONTRACTOR TO FURNISH AND INSTALL METER BASE, BY THE POWER COMPANY.
 6. UNDERGROUND POWER AND TELCO SERVICE LINES SHALL BE ROUTED IN A COMMON TRENCH AS MUCH AS PRACTICAL. ALL UNDERGROUND CONDUIT SHALL BE RIGID OR INTERMEDIATE METAL OR RIGID NONMETALLIC. CONDUIT EXPOSED ABOVE GROUND SHALL BE RIGID, RIGID NONMETALLIC, INTERMEDIATE OR ALUMINUM. POWER CONDUIT SHALL BE SIZED AS REQUIRED PER CABLE SIZING AND NEC REQUIREMENTS.
 7. ALL TELCO CONDUIT LINES SHALL BE 4" CONDUIT UNLESS NOTED OTHERWISE. 3" MAY BE POSSIBLE ON CO-LO SITES.
 8. ENDS OF CONDUITS ALONG PAD FOR SERVICE TO EQUIPMENT SHALL BE STUBBED AND CAPPED AT 6" ABOVE GRADE. IF SERVICE LINES CANT BE INSTALLED INITIALLY, PROVIDE NITLON PULL CORD IN CONDUIT.
 9. THESE TWO BREAKERS ARE INTERLOCKED TO OPERATE AS A "TRANSFER SWITCH" SUCH THAT ONLY ONE BREAKER SHALL BE IN THE "ON" POSITION AT ANY ONE TIME.
- POWER & TELCO DISTRIBUTION & INTERCONNECTION SINGLE LINE DIAGRAM**



- TYPICAL CADWELD TYPE CONNECTIONS**
1. CONTRACTOR SHALL INSPECT THE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. ANY QUESTIONS ARISING DURING THE BIDDING PERIOD SHALL BE REFERRED TO THE ARCHITECT. THE SCOPE OF WORK, OR ANY OTHER ISSUE RELATED TO THIS PROJECT SHALL BE BROUGHT UP DURING THE BID PERIOD WITH CONTRACT HAS BEEN AWARDED.
 2. LOCATION OF EQUIPMENT, CONDUIT AND DEVICES SHOWN ON THE DRAWINGS ARE APPROXIMATE AND SHALL BE COMBINATION WITH FIELD CONDITIONS PRIOR TO ROUGH-IN.
 3. THE CONDUIT RUNS AS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE COMBINATION WITH FIELD CONDITIONS PRIOR TO ROUGH-IN.
 4. PROPOSED PULL BOXES AND JUNCTION BOXES WHERE SHOWN OR REQUIRED BY NEC.
 5. ALL CONDUITS SHALL BE MET WITH BENT LANCE IN ACCORDANCE WITH NEC TABLE 76E-10. NO RIGHT ANGLE DEVICES OTHER THAN STANDARD CONDUIT ELBOWS WITH 12" MINIMUM INSIDE STRAIGHT FOR ALL CONDUITS 2" OR LARGER.
 6. ALL CONDUIT TERMINATIONS SHALL BE PROVIDED WITH PLASTIC THROAT INSULATIONS GROUNDING BUSHINGS.
 7. ALL WIRE SHALL BE THE THIN, SOLID, ANNEALED COPPER STRANDED #12 AWG (19 STRANDED), #18 AWG (7 STRANDED), #14 AWG (7 STRANDED), #10 AWG (7 STRANDED), #8 AWG (7 STRANDED), #6 AWG (7 STRANDED), #4 AWG (7 STRANDED), #2 AWG (7 STRANDED).
 8. ALL WIRES SHALL BE TAGGED AT ALL PULL BOXES, J-BOXES, EQUIPMENT BOXES AND CABINETS WITH APPROVED PLASTIC TAGS, ACTION CARD, BRAD, OR APPROVED EQUAL.
 9. ALL NEW MATERIAL SHALL HAVE A UL LABEL.
 10. CONDUIT ROUTING SHALL BE COORDINATED WITH THE MECHANICAL EQUIPMENT TO AVOID LOCATION TO CONFLICTS. MECHANICAL EQUIPMENT SHALL BE COMBINATION WITH FIELD CONDITIONS PRIOR TO ROUGH-IN.
 11. ALL PANEL DISCONNECTS SHALL BE TYPEWRITTEN NOT HAND WRITTEN.
 12. INSTALL ALL EQUIPMENT GROUNDING CONDUCTOR IN ALL CONDUITS PER THE SPECIFICATIONS AND NEC. THE EQUIPMENT BOXES, PULSES, AND ALL DISCONNECT SWITCHES, STARTERS, AND EQUIPMENT CABINETS.
 13. THE CONTRACTOR SHALL PREPARE AS-BUILT DRAWINGS, DOCUMENT AND ALL THE WIRING AND CONDUIT. SUBMIT AT SUBMITTAL COMPLETION.
 14. ALL DISCONNECT SWITCHES AND OTHER CONTROLLING DEVICES SHALL BE PROVIDED WITH ENGRAVED LAMINATED NAMEPLATES AND PANEL FIELD LOCATIONS PER NEC (110.22). SUBMIT AT SUBMITTAL COMPLETION.
 15. ALL ELECTRICAL DEVICES AND INSTALLATIONS OF THE DEVICES SHALL BE PROVIDED WITH ENGRAVED LAMINATED NAMEPLATES AND PANEL FIELD LOCATIONS PER NEC (110.22). SUBMIT AT SUBMITTAL COMPLETION.
 16. PROVIDE CORSE DRILLING AS NECESSARY FOR PENETRATIONS OR RISERS THROUGH BUILDING. DO NOT PENETRATE STRUCTURAL MEMBERS THROUGHOUT CONSTRUCTION. PROVIDE APPROXIMATE LOCATIONS FOR ALL PENETRATIONS THROUGHOUT CONSTRUCTION. PROVIDE APPROXIMATE LOCATIONS FOR ALL PENETRATIONS THROUGHOUT CONSTRUCTION. PROVIDE APPROXIMATE LOCATIONS FOR ALL PENETRATIONS THROUGHOUT CONSTRUCTION. PROVIDE APPROXIMATE LOCATIONS FOR ALL PENETRATIONS THROUGHOUT CONSTRUCTION.
 17. ELECTRICAL CHARACTERISTICS OF ALL EQUIPMENT (NEW AND EXISTING) SHALL BE FIELD VERIFIED WITH THE OWNER'S REPRESENTATIVE AND EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN OR INSTALLATION. PROVIDE THE NAMEPLATE DATA FINISHED ON THE EQUIPMENT. PROVIDE THE NAMEPLATE DATA FINISHED ON THE EQUIPMENT. PROVIDE THE NAMEPLATE DATA FINISHED ON THE EQUIPMENT.
 18. THE EQUIPMENT THE DESIGN OF THESE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AT THE TIME OF DESIGN AS SOME EQUIPMENT CHARACTERISTICS MAY VARY FROM DESIGN AS MANUFACTURED. PROVIDE THE NAMEPLATE DATA FINISHED ON THE EQUIPMENT. PROVIDE THE NAMEPLATE DATA FINISHED ON THE EQUIPMENT. PROVIDE THE NAMEPLATE DATA FINISHED ON THE EQUIPMENT.



POWER PANEL SCHEDULE

1	2	3
1	2	3

cricket communications

8613 W. Began Lane, Suite 615
Chicago, IL 60631

Dynatek

TELECOMMUNICATIONS SERVICES

7134 Brookwood Drive
Brookfield, IL 44003
Phone: 800-438-5324
Fax: 312-444-4337
www.dynatekcommunications.com

DATE: 6/5/02
DRAWN BY: M.T.W.
CHECKED BY: D.C.B.

SUBMITTALS

1	1/2" RIGID CONDUIT	NHT
2	1/2" RIGID CONDUIT	NHT
3	1/2" RIGID CONDUIT	NHT
4	1/2" RIGID CONDUIT	NHT
5	1/2" RIGID CONDUIT	NHT
6	1/2" RIGID CONDUIT	NHT
7	1/2" RIGID CONDUIT	NHT
8	1/2" RIGID CONDUIT	NHT
9	1/2" RIGID CONDUIT	NHT
10	1/2" RIGID CONDUIT	NHT
11	1/2" RIGID CONDUIT	NHT
12	1/2" RIGID CONDUIT	NHT

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STATE OF ILLINOIS

LICENSED ARCHITECT

DAVID C. BAUGO
001-017372

DOWNER'S

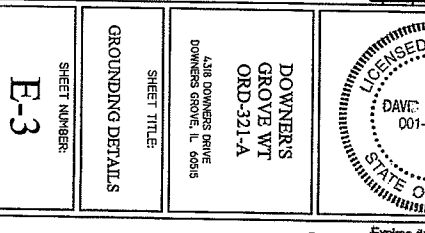
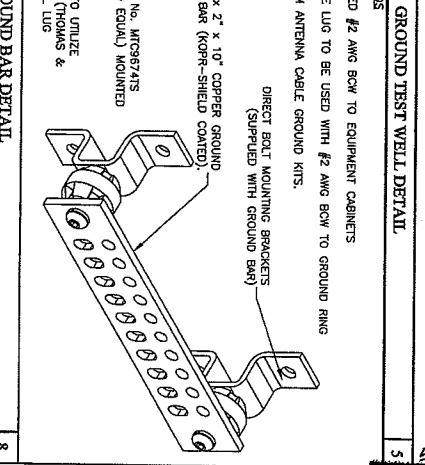
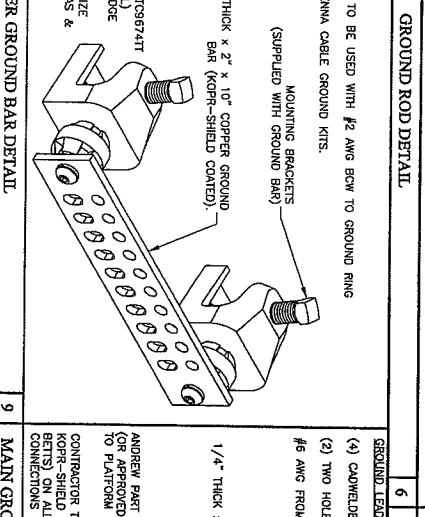
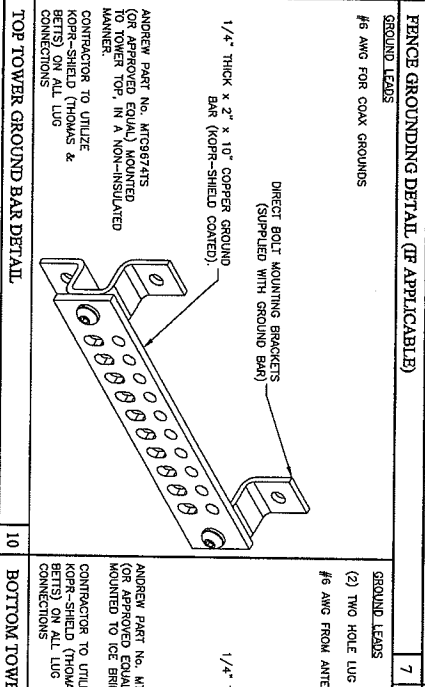
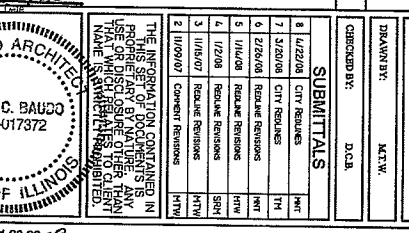
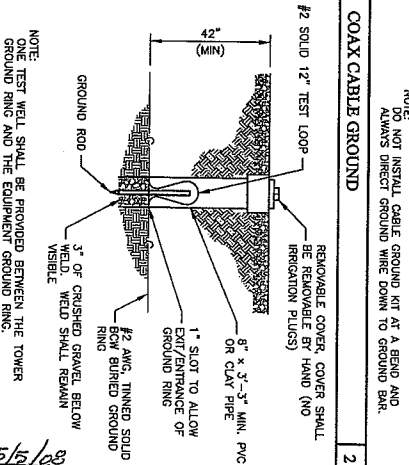
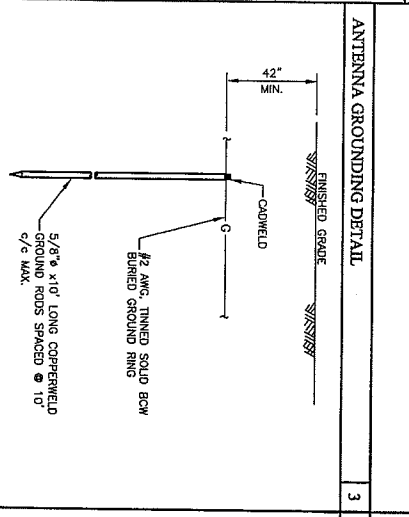
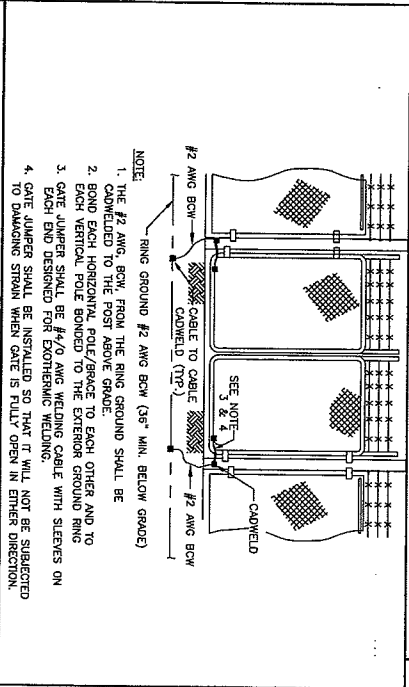
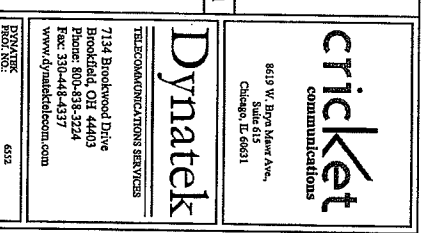
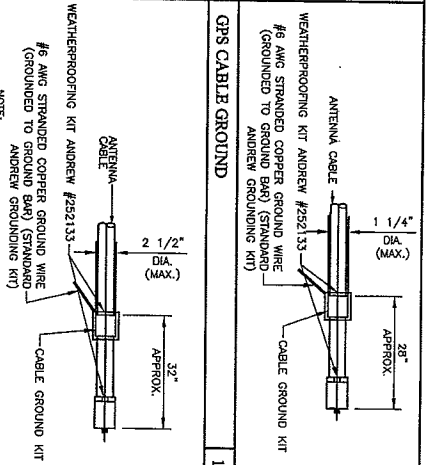
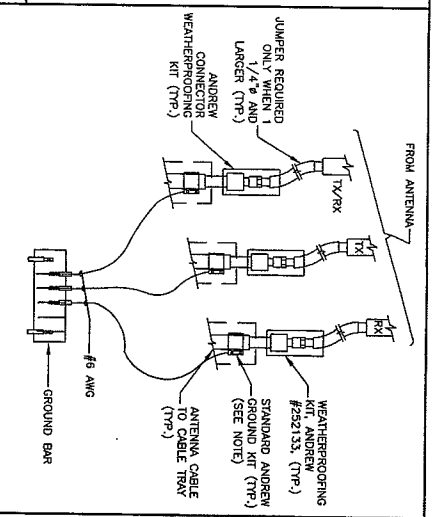
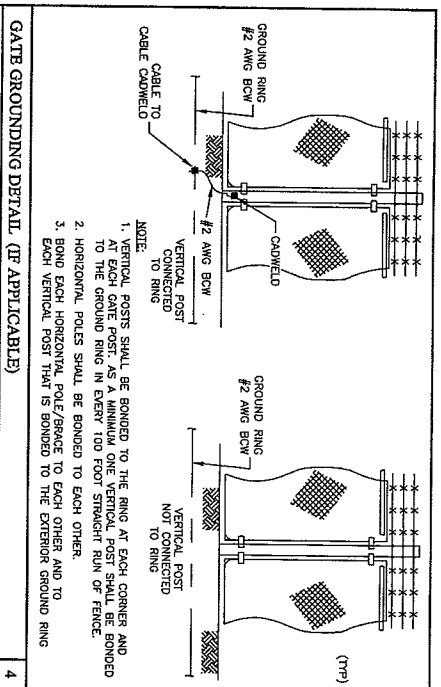
GROVE WT
ORD-321-A

LJMI DOWNERS DRIVE
DOWNERS GROVE, IL 60515

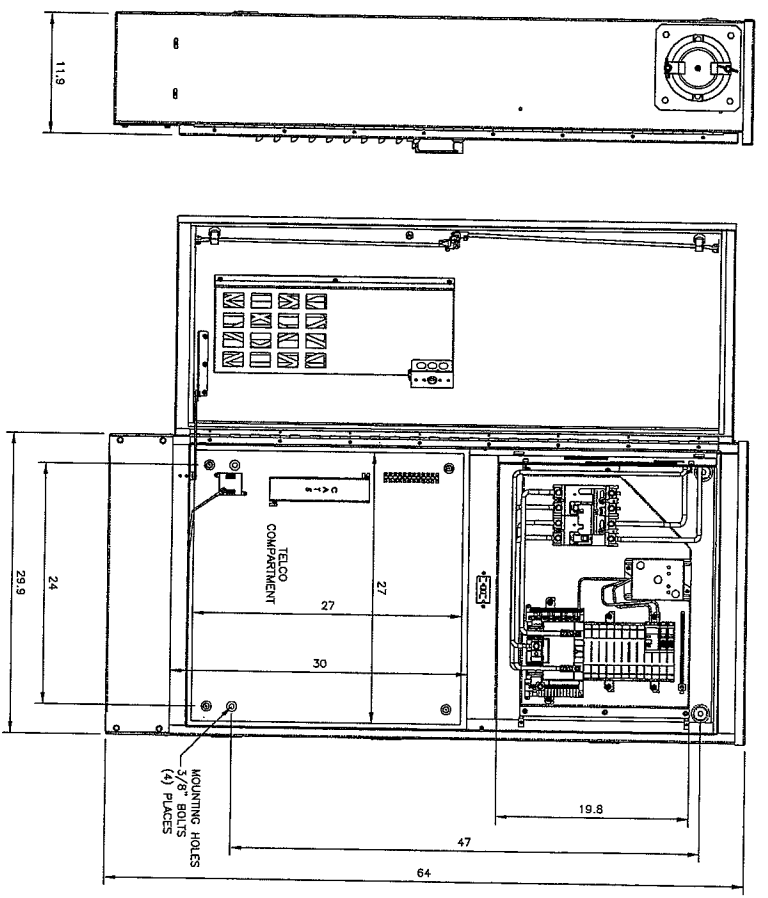
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SINGLE LINE DIAGRAM & DETAILS

SHEET NUMBER:
E-2

Expires 11-30-2008
David C. Baugo
Signature

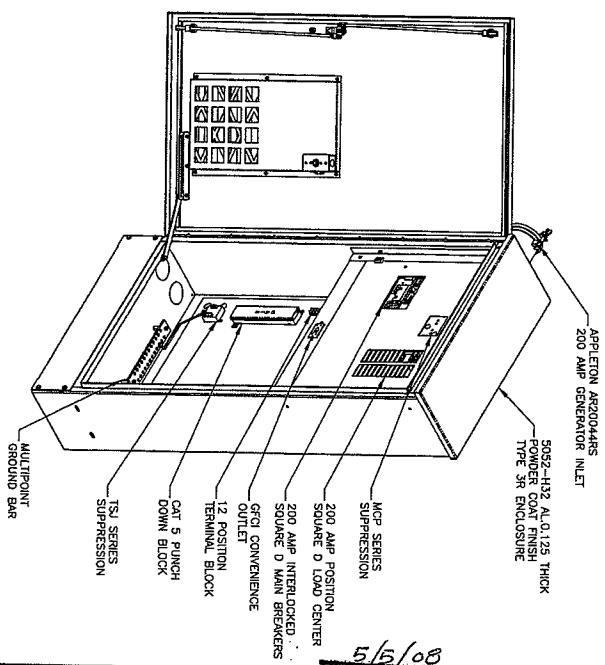
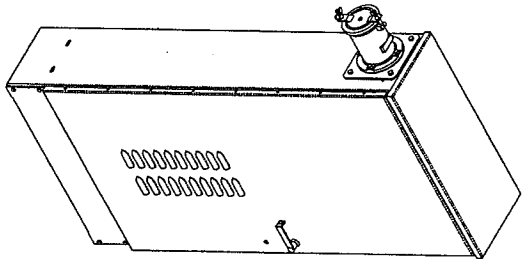


<p>6619 W. Boyd Mow Ave., Suite 619, Oakton, Virginia 22651</p>		<p>7134 Brookwood Drive Brookfield, OH 44003 Phone: 800-838-3224 Fax: 330-444-4337 www.dynatek.com</p>																					
<p>Dynatek TELECOMMUNICATIONS SERVICES</p>		<p>DATE: 6/22/08 DRAWN BY: M.K.W. CHECKED BY: D.C.B.</p>																					
<p>SUBMITTALS</p> <table border="1"> <tr><td>1</td><td>1/2\"/> </td></tr> <tr><td>2</td><td>1/2\"/> </td></tr> <tr><td>3</td><td>1/2\"/> </td></tr> <tr><td>4</td><td>1/2\"/> </td></tr> <tr><td>5</td><td>1/2\"/> </td></tr> <tr><td>6</td><td>1/2\"/> </td></tr> <tr><td>7</td><td>1/2\"/> </td></tr> <tr><td>8</td><td>1/2\"/> </td></tr> <tr><td>9</td><td>1/2\"/> </td></tr> <tr><td>10</td><td>1/2\"/> </td></tr> </table>		1	1/2\"/>	2	1/2\"/>	3	1/2\"/>	4	1/2\"/>	5	1/2\"/>	6	1/2\"/>	7	1/2\"/>	8	1/2\"/>	9	1/2\"/>	10	1/2\"/>	<p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE PROPERTY OF DYNATEK. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF DYNATEK.</p>	
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<p>DAVE C. BAIRD 001-617372 LICENSED ARCHITECT STATE OF ILLINOIS</p>		<p>OWNER'S GROVE WT ORD-321-A 4218 DOWNERS DRIVE DOWNERS GROVE, IL 60505</p>																					
<p>SHEET TITLE: GROUNDING DETAILS</p>		<p>SHEET NUMBER: E-3</p>																					



SPECIFICATIONS:
 PHYSICAL:
 CABINET TYPE: UL TYPE 3R
 CABINET MATERIAL: 125" 5052-H32 ALUMINUM
 WIRE CONDUIT RACKMOUNTS @ 2-1/2" CONDUIT
 SIDES - TRADE SIZE (2.97" ACTUAL)
 BOTTOM - 4 @ 2-1/2" CONDUIT TRADE SIZE (2.97" ACTUAL)
 OUTER CABINET DIMENSIONS: 64" X 30" X 12"
 MOUNTING HOLES (BOTTOM): 4 @ 0.44"
 MOUNTING HARDWARE/GASKET INCLUDED
 WEIGHT: APPROXIMATELY 150 LBS. (68 KG)
POWER CENTER:
 UL LISTED TO UL 891
 SERVICE: 120/240V, 1 PHASE, 200 AMP
 GENERATOR & QUALITY BREAKERS: SQUARE D
 FEATURES: FACE MOUNT MECHANICAL INTERLOCK
 TRANSFER MECHANISM

GENERATOR RECIPIE: 200A APPLETON AR20044RS
 LOAD CENTER: 100 AMP, 24 POSITION SQUARE D, 0.00
 STYLE BRANCH BREAKERS (TSS) INCLUDED
 (1) 15A SINGLE PHASE (GEN) INCLUDED
 (1) 15A VENTILATION FAN INCLUDED
 SUPPRESSION: 120/240V TRANSISTOR MCP1207A-104
 PRIMARY TECHNOLOGY: SILICON AVALANCHE SUPPRESSOR
 SECONDARY TECHNOLOGY: METAL OXIDE VARISTORS (MOV)
TELECO CENTER:
 GROUND 12 POSITION MASTER COPPER GROUND BAR
 RECEPTACLE: NOMINAL 3/4" COX GRADE PLYWOOD
 TERMINAL STRIP: 12 POSITION
 PUNCH DOWN BLOCK: 66 POSITION, CAT 5
 SUPPRESSION: (1) TRANSISTOR SYSTEMS TS1-48-CIT
 TECHNOLOGY: SILICON AVALANCHE SUPPRESSOR DIODES
 (3ASD) (UL 497A)



5/5/08

cricket communications
 3619 W. Boga Mower Ave., Suite 613
 Chicago, IL 60661

Dynatek
 TELECOMMUNICATIONS SERVICES
 7134 Brookwood Drive
 Brookfield, OH 44403
 Phone: 800-838-3224
 Fax: 330-448-4337
 www.dynatek.com

DRAWN BY: M.T.V.
 CHECKED BY: D.C.B.

NO.	DATE	DESCRIPTION
1	4/22/08	CIT REVISIONS
2	5/20/08	CIT REVISIONS
3	7/26/08	REWORK REVISIONS
4	11/14/08	REWORK REVISIONS
5	1/29/08	REWORK REVISIONS
6	11/05/07	REWORK REVISIONS
7	11/05/07	CONCEPT REVISIONS

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STATE OF ILLINOIS
 LICENSED ARCHITECT
 DAVID C. BAUDO
 001-017372

OWNER'S
 GROVE WT
 ORD-321-A
 2318 DOWNERS DRIVE
 DOWNERS GROVE, IL 60515

SHEET TITLE:
 POWER/TELECO CABINET
 DETAILS
 SHEET NUMBER:
E-4

Expires 11-30-2010
David C. Baudo

IMPORTANT NOTE:

THE CONTRACTOR MUST PROVIDE CLOSE-OUT DOCUMENTS AT THE FINAL INSPECTION AND BEFORE PAYMENTS WILL BE MADE. ANY SINKAGE CAUSED BY POOR COMPACTION WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

GENERAL REQUIREMENTS

1. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS, SPECIFICATIONS, AND LOCAL, STATE AND FEDERAL REQUIREMENTS BEARING ON THE PERFORMANCE OF THE WORK. THE WORK SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
2. THE ARCHITECT/ENGINEER HAS MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. THE CONTRACTOR BIDDING THE JOB IS HEREBY CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND/OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
3. THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) CRICKET'S REPRESENTATIVE OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK.
4. THE SCOPE OF WORK SHALL INCLUDE FINISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED THEREIN.
5. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO THE BEGINNING OF THE WORKING WORK TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT.
6. THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT.
7. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S/VEHICLE'S SPECIFICATIONS UNLESS OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
8. THE CONTRACTOR SHALL MAINTAIN 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 CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
10. THE CONTRACTOR 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 CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, UTILITIES, PAVING, CURBS, ETC. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE EXISTING OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
12. THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL WASTE MATERIALS AND DEBRIS. ALL MATERIALS TO BE REMOVED AS REMAINING ON THE PROPERTY. PRESENTLY, THERE IS NO SCHEDULED CLEAN CONDITION AND FREE FORMAL PLAIN SPOTS, DUST OR SANDERS OF ANY KIND.
13. THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT SECTIONS OF THE APPLICABLE BUILDING AND ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
14. THE CONTRACTOR SHALL NOTIFY CRICKET'S REPRESENTATIVE WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE PROJECT IN CONFLICT WITH CRICKET'S REPRESENTATIVE UNLESS CRICKET'S REPRESENTATIVE IS RESOLVED BY CRICKET'S REPRESENTATIVE.

15. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE JOB.

16. THE CONTRACTOR SHALL NOTIFY THE PE ENGINEER FOR ANTENNA AZIMUTH VERIFICATION (DURING ANTENNA INSTALLATION) PRIOR TO COORDINATING THE SITE SWEEEPING.
17. THE CONTRACTOR SHALL SUBMIT, AT THE END OF THE PROJECT A COMPLETE SET OF AS-BUILT DRAWINGS TO CRICKET'S PROJECT MANAGER.

SITE WORK AND DRAINAGE

- 1.01 EARTHWORK, EXCAVATION, AND GRADING
- 1.02 PART 1 GENERAL
- 1.03 WORK INCLUDED, REFER TO SURVEY AND SITE PLAN FOR WORK INCLUDED.
- 1.04 RELATED WORK

A. CONSTRUCTION OF EQUIPMENT FOUNDATIONS

- 1.03 DESCRIPTIONS

- A. ACCESS ROAD, TURFAROUND AREAS AND SITES ARE CONSTRUCTED TO PROVIDE DRIVEWAY AND MAINTAINED, EVEN SURFACE FOR MATERIAL AND EQUIPMENT DELIVERIES AND MAINTENANCE PERSONNEL ACCESS.

1.04 QUALITY ASSURANCE

- A. APPLY SOIL STABILIZER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION (USE AS NEEDED).
- B. VEGETATION LANDSCAPING, IF INCLUDED WITHIN THE CONTRACT WILL BE PLACED AND MAINTAINED AS RECOMMENDED BY NURSERY INDUSTRY STANDARDS.
- 1.05 SEQUENCING
- A. CONTRACTOR IS RESPONSIBLE FOR LAYOUT AND CONSTRUCTION STAKING.
- B. GRUB THE COMPLETE ROAD AND SITE AREA PRIOR TO FOUNDATION CONSTRUCTION OR PLACEMENT OF BACKFILL OR SUB-BASE MATERIAL.
- C. CONSTRUCT TEMPORARY CONSTRUCTION ZONE ALONG ACCESS DRIVE.
- D. THE SITE AREA WILL BE BROUGHT TO SUB-BASE COURSE ELEVATION AND THE ACCESS ROAD TO BASE COURSE ELEVATION PRIOR TO FORMING FOUNDATIONS.
- E. APPLY SILT STRABILIZER PRIOR TO PLACING BASE MATERIALS.
- F. IF REQUIRED, GRADE, SEED, FERTILIZE AND MULCH DISTURBED AREAS IMMEDIATELY AFTER BRINGING THE SITE AND ACCESS ROAD TO BASE ELEVATION. WATER TO ENSURE GROWTH.
- G. REMOVE EXCESS GRAVEL FROM TEMPORARY CONSTRUCTION ZONE.
- H. AFTER APPLICATIONS OF FINAL SURFACES, APPLY SOIL STABILIZER TO THE STONE SURFACES.

1.06 SUBMITTALS

- A. BEFORE CONSTRUCTION
 1. IF LANDSCAPING IS APPLICABLE TO THE CONTRACT, SUBMIT TWO COPIES OF THE LANDSCAPING PLAN UNDER NURSERY LETTERHEAD PREPARED USING OF PROPOSED COSTS UNDER NURSERY LETTERHEAD (REFER TO SITE PLAN FOR LANDSCAPING REQUIREMENT).
 2. SUBMIT FOR APPROVAL 1/2 CUBIC FOOT OF THE PROPOSED SURFACE COURSE MATERIAL.
 3. LANDSCAPING WARRANTY STATEMENT, IF REQUIRED.
- PART 2 PRODUCTS
- 2.01 MATERIALS
- A. ROAD AND SITE MATERIALS: FILL MATERIAL SHALL BE ACCEPTABLE. SELECT FILL SHALL BE IN ACCORDANCE WITH LOCAL DEPARTMENT OF HIGHWAY AND PUBLIC TRANSPORTATION STANDARD SPECIFICATIONS.
- B. SOIL STABILIZER SHALL BE EPA REGISTERED OF LIQUID COMPOSITION AND OF PRE-EMERGENCE DESIGN.

- C. SOIL STABILIZER FABRIC SHALL BE MINOR OR EQUAL - 500K AT ACCESS ROAD AND SOAK AT CONFOUND.
- D. GRAVEL FILL: WELL GRADED, HARD, DURABLE, NATURAL SAND AND GRAVEL FREE FROM ICE AND SNOW, ROOTS, SOIL RUBBISH, AND OTHER FOREIGN MATERIALS. MATERIAL SHALL CONFORM TO THE FOLLOWING GRADATION REQUIREMENTS.

U.S. SIEVE NO.	% PASSING BY WEIGHT
100	100
40	50-55
20	30-40
10-30	10-30
5-20	5-20
0-8	0-8

GRAVEL FILL TO BE PLACED IN LIFTS OF 9" MAXIMUM THICKNESS AND COMPACTED TO 95% DENSITY.

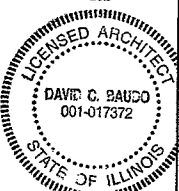
2.02 EQUIPMENT

- A. GRADATION SHALL BE ACCOMPLISHED BY MECHANICAL MEANS. LARGE ROCKS SHALL BE REMOVED FROM THE SURFACE. VIBRATORY AREAS SHALL BE COMPACTED BY POWER-DRIVEN HAND HELD TAMPERS.
- B. PRIOR TO OTHER EXCAVATION AND CONSTRUCTION EFFORTS GRUB ORGANIC MATERIAL TO A MINIMUM OF 6" BELOW ORIGINAL GROUND LEVEL.
- C. UNLESS OTHERWISE INSTRUCTED BY CRICKET COM, REMOVE TREES, LIMBS, LIMBS FROM THE PROPERTY TO AN AUTHORIZED DISPOSAL LOCATION.
- D. PRIOR TO PLACEMENT OF FILL OR BASE MATERIALS, ROLL THE SOIL WHERE UNDESIRABLE SOIL CONDITIONS ARE ENCOUNTERED. LINE THE GRUBBED AREAS WITH STRABILIZER MAY PRIOR TO PLACEMENT OF FILL OR BASE MATERIAL.

3.03 INSTALLATION

- A. THE SITE AND TURFAROUND AREAS SHALL BE AT THE SUB-BASE COURSE ELEVATION PRIOR TO FORMING FOUNDATIONS. PRIOR TO FILL THE SITE AND ACCESS ROAD AS REQUIRED TO PROVIDE THE FINISH GRADE. THE RESULTING GRADE SHALL BE CORRECTED TO SUB-BASE COURSE. ELEVATIONS ARE TO BE CALCULATED FROM FINISHED GRADES OR SLOPES INDICATED.
- B. CLEAR EXCESS SPILLS, IF ANY, FROM JOB SITE AND DO NOT SPREAD BEYOND THE LIMITS OF CRICKET INC. LEASE PROPERTY. UNLESS AUTHORIZED BY PROJECT MANAGER.
- C. THE ACCESS ROAD SHALL BE BROUGHT TO BASE COURSE ELEVATION PRIOR TO FOUNDATION CONSTRUCTION.
- D. DO NOT CREATE DEPRESSIONS WHERE WATER MAY POOL.
- E. THE CONTRACT INCLUDES ALL NECESSARY GRADING, BANKING, DITCHING AND COMPLETE SURFACE COURSE FOR ACCESS ROAD, ALL ROADS OR ROUTES UTILIZED FOR ACCESS TO PUBLIC THOROUGHFARE IS INCLUDED IN SCOPE OF WORK UNLESS OTHERWISE INDICATED.
- F. WHEN IMPROVING AN EXISTING ACCESS ROAD, GRADE THE SURFACE BEFORE PLACING FILL OR STONE.
- G. PLACE FILL OR STONE IN 3" MAXIMUM LIFTS AND COMPACT BEFORE PLACING NEXT LIFT.
- H. THE FINISH GRADE, INCLUDING TOP SURFACE COURSE, SHALL EXCEED A MINIMUM OF 12" BELOW THE SITE FENCE AND SHALL COVER THE AREA AS INDICATED.
- I. RIPRAP SHALL BE APPLIED TO THE SIDE SLOPES OF ALL EXPOSED AREAS, PARKING AREAS AND TO ALL OTHER SLOPES GREATER THAN 2:1.
- J. RIPRAP SHALL BE APPLIED TO THE SIDES OF DITCHES OR DRAINAGE SWALES AS INDICATED ON PLANS.
- K. PREPARE ENTIRE DITCH FOR 6"-0" IN ALL DIRECTIONS AT CURVEV ENDMENTS.
- L. SEED, FERTILIZER AND STRAW COVER SHALL BE APPLIED TO ALL OTHER DISTURBED AREAS AND DITCHES, DRAINAGE SWALES, NOT OTHERWISE INDICATED.
- M. UNDER NO CIRCUMSTANCES SHALL DITCHES, SWALES OR STRANDS BE PLACED SO THEY DIRECT WATER TOWARDS, OR PERMIT STANDING WATER IMMEDIATELY ADJACENT TO SITE. IF OWNER DESIGN OR OTHER REQUIREMENTS CONFLICT WITH THIS GUIDANCE ADVISE THE OWNER IMMEDIATELY.

5/15/08



DOWNERS GROVE WT ORD-321-A

AIN DOWNERS DRIVE DOWNERS GROVE, IL 60515

SHEET TITLE: GENERAL NOTIS

SHEET NUMBER: GN-1

8619 W. Began Mower Ave., Suite 613 Chicago, IL 60631

cricket communications

7134 Brookwood Drive Brookfield, IL 44403 Phone: 800-438-3224 Fax: 330-448-4337 www.dynatek.com

PROJECT NO: 6433 DRAWN BY: M.T.W. CHECKED BY: D.C.H.

NO.	DATE	DESCRIPTION	BY
1	12/20/07	CONTRACT REVISION	MTW
2	12/20/07	CONTRACT REVISION	MTW
3	12/20/07	CONTRACT REVISION	MTW
4	12/20/07	CONTRACT REVISION	MTW
5	11/14/08	CONTRACT REVISION	MTW
6	12/26/08	CONTRACT REVISION	MTW
7	11/19/07	CONTRACT REVISION	MTW
8	11/09/07	CONTRACT REVISION	MTW

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Expires 11-30-2008
David Baucio

N. IF A DITCH USES WITH SLOPES GREATER THAN TEN PERCENT, MOUND OVERSUMMARY HEADWALLS IN THE DITCH FOR 6'-0" ABOVE THE CULVERT ENTRANCE.

O. SEED AND FERTILIZER SHALL BE APPLIED TO SURFACE CONDITIONS WHICH WILL ENCOURAGE ROOTING. RAKE AREAS TO BE SEEDED TO EVEN THE SURFACE AND TO LOOSEN THE SOIL.

P. SOW SEED IN TWO DIRECTIONS IN THREE THE QUANTITY RECOMMENDED BY THE SEED PRODUCER.

Q. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE GROWTH OF SEEDS AND LANDSCAPED AREAS BY WATERING UP TO THE POINT OF PRACTICALITY. COMPLETE COVERAGE IS OBTAINABLE.

3.04 FIELD QUALITY CONTROL.

A. COMPACTION SHALL BE 90% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D-1557 FOR SITE WORK AND 95% MAXIMUM DENSITY UNDER SLAB AREAS. AREAS OF SETTLEMENT WILL BE EXCAVATED AND REFILLED AT CONTRACTOR'S EXPENSE.

3.05 PROTECTION.

A. PROTECT SEEDING AREAS FROM EROSION BY SPREADING STRAW TO A UNIFORM LOOSE DEPTH OF 1"-2", STAKE AND TIE DOWN AS REQUIRED. USE OF EROSION CONTROL MESH OR MULCH NET SHALL BE AN ACCEPTABLE ALTERNATIVE.

B. ALL TREES PLACED IN CONJUNCTION WITH A LANDSCAPE CONTRACTOR SHALL BE PROTECTED WITH HOSE PROTECTED WIRE AND SECURED TO STAKES EXTENDING 2'-0" INTO THE GROUND ON FOUR SIDES OF THE TREE.

C. ALL EXPOSED AREAS SHALL BE PROTECTED AGAINST WASHOUTS AND SOIL LOSS WITH A MULCH OR PROTECTIVE MATS. APPROACH TO ALL NEW OR EXISTING STRUCTURES.

CHAIN LINK FENCE

PART 1 - GENERAL

4.01 SEQUENCING

A. IF THE SITE AREA HAS BEEN BROUGHT UP TO SURFACE COURSE ELEVATION PRIOR TO FENCE CONSTRUCTION FENCE POST EXCAVATION SPOOLS MUST BE CONTROLLED TO PRECLUDE CONTAMINATION OF SAID SURFACE COURSE.

4.02 APPLICABLE STANDARDS

ASTM-A120 SPECIFICATION FOR PIPE, STEEL, BLACK AND HOT-DIPPED ZINC COATED (GALVANIZED) WELDED AND SEAMLESS FOR ORNAMENT USES.

ASTM-A123 ZINC (HOT-DIP GALVANIZED) COATING ON IRON AND STEEL PRODUCTS.

ASTM-A455 STANDARD SPECIFICATION FOR STEEL SHEET ZINC COATED (GALVANIZED) BY THE HOT-DIPPED PROCESS.

FEDERAL SPECIFICATION RR-F-191-FENCING, WIRE AND POST METAL (AND GATES, CHAIN LINK FENCE FABRIC AND ACCESSORIES).

PART 2 - PRODUCTS

4.03 FENCE MATERIALS

A. ALL FABRIC WIRE, RAILS, POLES, HARDWARE AND OTHER STEEL MATERIALS SHALL BE HOT-DIPPED GALVANIZED.

B. FABRIC SHALL BE 8'-0" HIGH X 2" CHAIN LINK MESH OF NO. 9 GAUGE (0.148) WIRE. THE FABRIC SHALL HAVE A TWISTED AND BARBED FINISH FOR THE TOP EDGES AND A KNOTTLED FINISH FOR THE BOTTOM EDGES. THE FABRIC SHALL CONFORM TO THE SPECIFICATIONS OF ASTM A-392 CLASS 1.

C. BARBED WIRE SHALL BE DOUBLE-STRAND, 12 GAUGE, TWISTED WIRE, WITH 14 GAUGE 4 POINT ROUND BARBS SPACED AT 5" O.C.

D. ALL POSTS SHALL BE SCHEDULE 20-GALVANIZED STEEL PIPE AND SHALL BE TYPE 1 ASTM A-123 AND OF THE FOLLOWING DIAMETER (OO PER FENCE INDUSTRY STANDARDS).

LINE
COURNER 2 3/8"
GATE 3"

E. EXTEND GATE AND CORNER POSTS 12" INCLUDING DOME CAP, TO PROVIDE FOR ATTACHMENT OF BARBED WIRE.

F. ALL TOP AND BRACED RAIL SHALL BE 1 5/8" DIAMETER SCHEDULE 20 MECHANICAL - SERVICE PIPE. FRAMES SHALL HAVE WELDED CORNERS.

G. GATE FRAMES SHALL HAVE A FULL-HEIGHT VERTICAL BRACE AND A FULL-WIDTH HORIZONTAL BRACE, SECURED IN PLACE BY USE OF GATE HINGE CLAMPS.

H. GATE HINGERS SHALL BE MERCHANTS METAL HINGE 64386 HINGE ADAPTER WITH WOOD GRAS, 180 DEGREE ATTACHMENT, OR EQUAL.

I. THE GUIDE (LATCH ASSEMBLY) SHALL BE TAMPER PROOF.

J. LATCHES, STOPS, AND KEEPERS SHALL BE PROVIDED FOR ALL GATES.

K. ALL STOPS SHALL HAVE A FULL-HEIGHT PLUNGER BAR WITH DOME CAP.

L. DOUBLE GATES SHALL HAVE A FULL-HEIGHT PLUNGER BAR WITH DOME CAP.

M. A NO. 7 GAUGE ZINC COATED TENSION WIRE SHALL BE USED AT THE BOTTOM OF THE FABRIC, TERMINATED WITH BAND CLIPS AT CORNER AND GATE POSTS.

N. A 6" X 1/2" EYE-BOLT TO HOLD TENSION WIRE WILL BE PLACED AT LINE POSTS.

O. STRETCHER BARS SHALL BE 3/16" X 3/4" OR HAVE EQUIVALENT CROSS SECTIONAL AREA.

P. ALL CORNER, GATE AND END PANELS SHALL HAVE A 3/8" TRUSS ROD WITH EPOXY ANCHOR AND A 3/8" X 1/2" HORIZONTAL COMPRESSION MEMBER, SECURELY ATTACHED WITH IRON FITTINGS.

R. PROVIDE OTHER HARDWARE INCLUDING BUT NOT LIMITED TO THE CLIPS, BAND CLIPS AND TENSION BAND CLIPS.

S. BARBED WIRE GATE GUARDS SHALL BE FITTED WITH DOME CAPS.

T. BARRED WIRE SUPPORT BARS SHALL BE CAST IRON WITH SET BOLT AND LOCK WIRE IN THE RAIL.

U. ALL CAPS SHALL BE CAST STEEL.

V. INSTALL REDWOOD SLATING IN BETWEEN ALL FABRIC WIRE - FULL HT.

PART 3 - EXECUTION

4.04 EQUIPMENT: EXCAVATE POST HOLES WITH MECHANICAL AUGER EQUIPMENT

4.06 INSPECTION: EXCAVATE POST HOLES PER CONSTRUCTION DOCUMENT CORNER, PROPER DEPTH AND DIAMETER OF POST HOLE EXCAVATIONS.

4.08 INSTALLATION

A. POST FOUNDATIONS SHALL HAVE A MINIMUM 6" CONCRETE COVER UNDER POST.

B. ALL FENCE POSTS SHALL BE VERTICALLY PLUMB WITHIN 1/4" IN 8'-0".

C. AT CORNER POSTS, GATE POST AND SIDES OF GATE FRAME, FABRIC SHALL BE ATTACHED WITH STRETCHER AND TENSION BAND-CLIPS AT 1'-3" INTERVALS.

D. AT LINE POSTS, FABRIC SHALL BE ATTACHED WITH BAND-CLIPS AT 1'-3" INTERVALS.

E. ATTACH FABRIC TO BRACE RAILS, TENSION WIRE AND TRUSS ROOS WITH THE CLIPS AT 2'-0" INTERVALS.

F. A MAXIMUM GAP OF 1" WILL BE PERMITTED BETWEEN THE CHAIN LINK FABRIC AND THE RAIL, GRADE.

G. GATES SHALL BE INSTALLED SO LOCKS ARE ACCESSIBLE FROM BOTH SIDES.

H. GATE HINGE BOLTS SHALL HAVE THEIR THREADS FINISHED OR WELDED TO PREVENT UNAUTHORIZED REMOVAL.

4.07 PROTECTION: UPON COMPLETION OF ERECTION, INSPECT FABRIC MATERIAL AND PAINT FIELD CUTS OR GALVANIZING BREAKS WITH ZINC-BASED PAINT COLOR TO MATCH THE GALVANIZING PROCESS.

CONCRETE
CAST-IN-PLACE CONCRETE

PART 1 - GENERAL

1.01 Description

WORK INCLUDES CONSTRUCTION OF CAST-IN-PLACE CONCRETE FORMWORK, REINFORCING FORMING AND INSTALLING READY-MIX CONCRETE. CONCRETE REINFORCING FORMING SHALL BE SHOWN ON THE DRAWINGS. CAST-IN-PLACE CONCRETE INCLUDES ALL EQUIPMENT FADS, AND GUARPOST FOUNDATIONS.

1.02 RELATED WORK

A. COORDINATE UNDER SLAB CONDUITS.

B. COORDINATE WITH ROUNDING.

1.03 APPLICABLE STANDARDS

A. AC-308 - SPECIFICATIONS FOR STRUCTURAL CONCRETE BUILDINGS.

B. AC 347 - GUIDE TO FORMWORK FOR CONCRETE.

C. ASTM C33 - CONCRETE AGGREGATES.

D. ASTM C94 - READY-MIXED CONCRETE.

E. ASTM C150 - PORTLAND CEMENT.

F. ASTM C260 - AIR-ENTRAINING ADMIXTURES FOR CONCRETE.

G. ASTM C209 - LIQUID MEMBRANE FORMING COMPOUNDS FORMING COMPOUNDS FOR CURING CONCRETE.

H. ASTM C494 - CHEMICAL ADMIXTURES FOR CONCRETE.

I. ASTM A415 - STEEL WELDED WIRE FABRIC FOR CONCRETE REINFORCEMENT.

J. ASTM A195 - STEEL WELDED WIRE FABRIC FOR CONCRETE REINFORCEMENT.

1.04 QUALITY ASSURANCE

CONCRETE MATERIALS AND OPERATIONS SHALL BE TESTED AND INSPECTED BY THE ENGINEER.

1.05 TESTS

CONCRETE MATERIALS AND OPERATIONS SHALL BE TESTED AND INSPECTED BY THE ENGINEER TO PREVENT ANY DEFECTIVE WORK OR MATERIAL SHALL NOT IN ANY WAY PREVENT LATER MATERIAL REJECTION WHEN SUCH DEFECT IS DISCOVERED NOR SHALL IT OBLIGATE THE ENGINEER FOR FINAL ACCEPTANCE.

A. FIVE CONCRETE TEST CYLINDERS SHALL BE TAKEN OF THE TOWER AND PIER FOUNDATION, TWO SHALL BE TESTED @ THREE DAYS TWO @ TWENTY-EIGHT DAYS. THE FIFTH CYLINDER SHALL BE LEFT SEPARATELY. IF REQUIRED TO BE USED IN THE FUTURE.

B. ONE ADDITIONAL TEST CYLINDER SHALL BE TAKEN DURING COLD WEATHER AND CURED ON SITE UNDER SAME CONDITIONS AS CONCRETE IT REPRESENTS.

C. ONE SLUMP TEST SHALL BE TAKEN FOR EACH SET OF TEST CYLINDERS TAKEN.

PART 2 - PRODUCT

2.01 CONCRETE MATERIALS

CONCRETE SHALL BE COMPOSED OF PORTLAND CEMENT, WATER, FINE SAND AND COARSE AGGREGATES. ALL MATERIALS SHALL BE CONSISTENT, ALL WELL MIXED AND BROUGHT TO PROPER CONCRETE.

A. CEMENT: CEMENT SHALL BE TYPE II, GRAY COLOR, LOW-ALKALI PORTLAND CEMENT CONFORMING TO ASTM C150.

B. FINE AND COARSE AGGREGATES: AGGREGATES FOR USE IN CONCRETE SHALL COMPLY WITH ASTM C33.

C. WATER: WATER FOR MIXING AND CURING CONCRETE SHALL BE FREE FROM OIL, OIL ACID, ALKALI AND SALTS AND SHALL BE FREE FROM ORGANIC AND INORGANIC QUANTITIES OF SILT AND OTHER DELETERIOUS SUBSTANCES.

2.02 ADMIXTURES

A. AIR ENTRAINMENT: AIR ENTRAINING AGENT SHALL CONFORM TO ASTM C418 AND SHALL BE APPLIED AS PER THE MANUFACTURER'S RECOMMENDATIONS. THE SOLUTION SHALL BE MAINTAINED AT A UNIFORM STRENGTH AND SHALL BE BATCH BY MEANS OF RELIABLE MECHANICAL DISPENSERS.

B. CHEMICAL ADMIXTURES: ASTM 494, TYPE A-WATER REDUCING AND RETARDING.

cricket communications

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Dynatek

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Fax: 330-448-4337
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DRAWN BY: M.T.W.
DATE: 6/22

SUBMITTALS	
1. L22206	CONCRETE
2. 32206	CONCRETE
3. 32206	CONCRETE
4. 32206	CONCRETE
5. 32206	CONCRETE
6. 32206	CONCRETE
7. 32206	CONCRETE
8. 32206	CONCRETE
9. 32206	CONCRETE
10. 32206	CONCRETE

5/5/08

STATE OF ILLINOIS
JENNIFER L. DAVIES
001-010-17372
LICENSED ARCHITECT

DOWNERS GROVE WJ
ORD-321-A

2.01 CONCRETE MATERIALS

CONCRETE SHALL BE COMPOSED OF PORTLAND CEMENT, WATER, FINE SAND AND COARSE AGGREGATES. ALL MATERIALS SHALL BE CONSISTENT, ALL WELL MIXED AND BROUGHT TO PROPER CONCRETE.

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B. FINE AND COARSE AGGREGATES: AGGREGATES FOR USE IN CONCRETE SHALL COMPLY WITH ASTM C33.

C. WATER: WATER FOR MIXING AND CURING CONCRETE SHALL BE FREE FROM OIL, OIL ACID, ALKALI AND SALTS AND SHALL BE FREE FROM ORGANIC AND INORGANIC QUANTITIES OF SILT AND OTHER DELETERIOUS SUBSTANCES.

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B. CHEMICAL ADMIXTURES: ASTM 494, TYPE A-WATER REDUCING AND RETARDING.

GENERAL NOTES

SHEET NUMBER
GN-2

2.01 CONCRETE MATERIALS

CONCRETE SHALL BE COMPOSED OF PORTLAND CEMENT, WATER, FINE SAND AND COARSE AGGREGATES. ALL MATERIALS SHALL BE CONSISTENT, ALL WELL MIXED AND BROUGHT TO PROPER CONCRETE.

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B. FINE AND COARSE AGGREGATES: AGGREGATES FOR USE IN CONCRETE SHALL COMPLY WITH ASTM C33.

C. WATER: WATER FOR MIXING AND CURING CONCRETE SHALL BE FREE FROM OIL, OIL ACID, ALKALI AND SALTS AND SHALL BE FREE FROM ORGANIC AND INORGANIC QUANTITIES OF SILT AND OTHER DELETERIOUS SUBSTANCES.

2.02 ADMIXTURES

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B. CHEMICAL ADMIXTURES: ASTM 494, TYPE A-WATER REDUCING AND RETARDING.

Expires 11-30-2008

Jennifer L. Davies

AFTER RECORDING, PLEASE RETURN TO:

**Cricket Communications, Inc.
10307 Pacific Center Court
San Diego, CA 92121
Attn: Legal Department**

**Property Tax ID Number: 09-06-307-~~012~~⁰¹¹
County: DuPage
ORD-321-A**

Memorandum of License

Village of Downers Grove ("Licensor") and Denali Spectrum Operations, LLC, a Delaware corporation ("Licensee") entered into a Site Lease dated _____, 2008 ("Agreement") regarding a portion of the real property located at 4318 Downers Drive, Downers Grove, IL 60515 as more particularly described in the attached Exhibit A ("Property").

The Agreement is for a term of five (5) years and will commence on the date as set forth in the Agreement ("Commencement Date") and shall terminate at midnight on December 31, 2012. Tenant shall have the right to extend this Agreement for two (2) additional five (5) year terms.

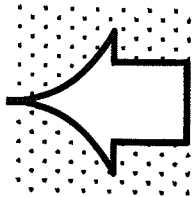
IN WITNESS WHEREOF, the parties hereto have executed this memorandum effective as of the date of the last party to sign.

(SIGNATURES ON FOLLOWING PAGE)

IN WITNESS WHEREOF, the parties hereto have executed this memorandum effective as of the date of the last party to sign.

LICENSOR: VILLAGE OF DOWNERS GROVE,
a municipal corporation

By: _____
Printed Name: _____
Its: _____



LICENSEE: DENALI SPECTRUM OPERATIONS, LLC
a Delaware limited liability company

By: Denali Spectrum License, LLC
Its sole member
By: Denali Spectrum, LLC
Its sole member
By: Denali Spectrum Manager, LLC
Its manager
By: Doyon, Limited
Its manager

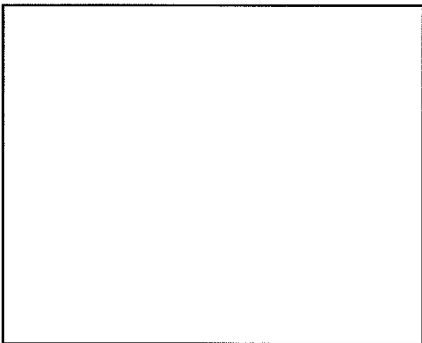
By: *Brian Root*
Brian Root: Brian Root
Title: Operations Manager

LICENSOR:

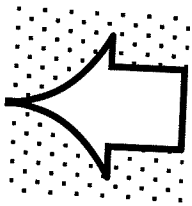
STATE OF _____)
) ss.
COUNTY OF _____)

I certify that I know or have satisfactory evidence that _____ is the person who appeared before me, and said person acknowledged that he signed this instrument, on oath stated that he was authorized to execute the instrument and acknowledged it as the _____ of the Village of Downers Grove to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

Dated: _____.



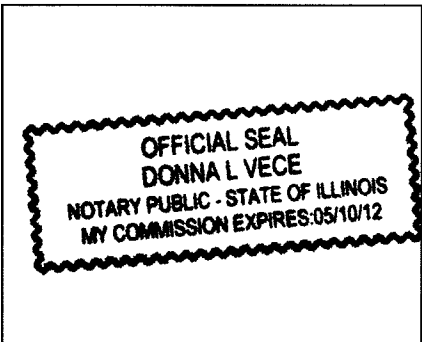
Notary Public
Print Name _____
My commission expires _____



LICENSEE:

STATE OF Illinois)
) ss.
COUNTY OF Cook)

I certify that I know or have satisfactory evidence that Brian Root is the person who appeared before me, and said person acknowledged that he signed this instrument, on oath stated that he was authorized to execute the instrument and acknowledged it as its Operations Manager, of Denali Spectrum Operations, LLC, to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.



Donna L. Vece
Notary Public
Print Name DONNA L. VECE
My commission expires 5-10-12

EXHIBIT A
Legal Description

The Property is legally described as follows:

SEE ATTACHED PLAT

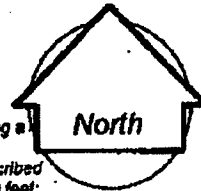
4-17-207 4:07PM

FROM

Plat of Easement J. M. Hank & Associates

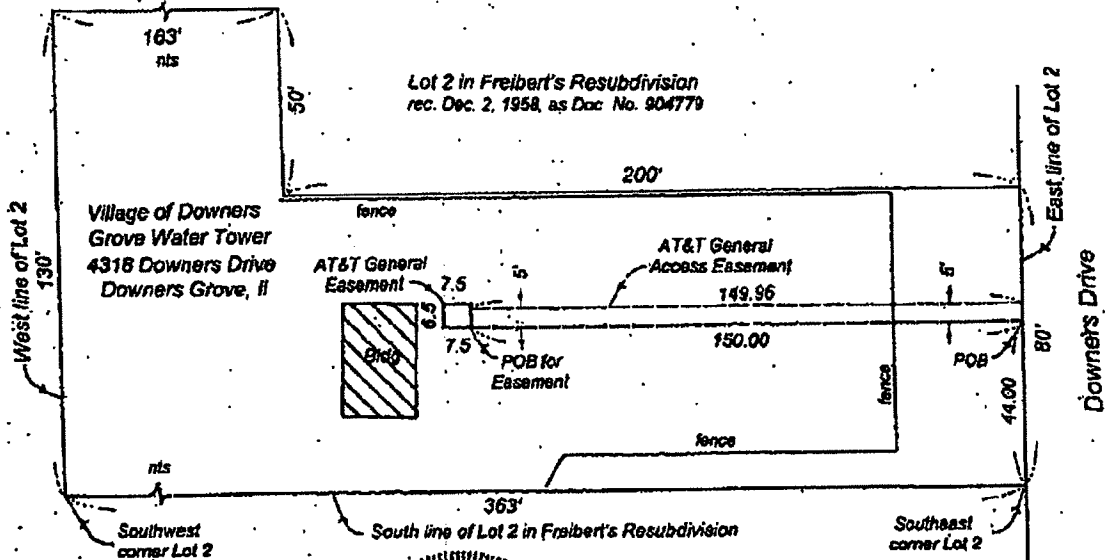
Land • Marine • Aerial Surveys
800 Busse Highway • Park Ridge, Il. 60068
telephone (847) 696-0010
fax: (847) 698-6920

Scale 1" = 40 feet

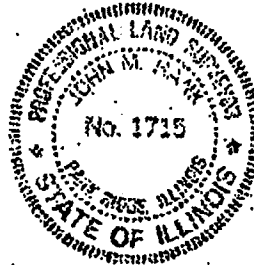


Legal description for an AT&T General Easement.
That part of Lot 2 in Freibart's Resubdivision of Lots 8, 9 and 10 in Myron H. Wilcox Ogden Avenue Addition, being a subdivision situated in the Southwest 1/4 of Section 6, Township 38 North, Range 11, East of the Third Principal Meridian, according to the plat thereof recorded December 2, 1958, as Document No. 904779, bounded and described as follows: Commencing at the Southeast corner of said Lot 2; thence North along the East line of said Lot, 44.00 feet; thence West along a line parallel with the South line of said Lot, 150.00 feet to the point of beginning; thence continuing thence West along a line parallel with the South line of said Lot, 7.50 feet; thence North along a line at right angles to the last described course, 6.60 feet; thence East along a line parallel with the South line of said Lot, 7.50 feet; thence South along a line at right angles to the last described course, 6.60 feet to the point of beginning, all in DuPage County, Illinois. Containing 49 Square feet.

Legal description for a 5 foot AT&T General Access Easement
That part of Lot 2 in Freibart's Resubdivision of Lots 8, 9 and 10 in Myron H. Wilcox Ogden Avenue Addition, being a subdivision situated in the Southwest 1/4 of Section 6, Township 38 North, Range 11, East of the Third Principal Meridian, according to the plat thereof recorded December 2, 1958, as Document No. 904779, bounded and described as follows: Commencing at the Southeast corner of said Lot 2; thence North along the East line of said Lot, 44.00 feet to the point of beginning; thence West along a line parallel with the South line of said Lot, 150.00 feet; thence North along a line at right angles to the last described course, 5.00 feet; thence East along a line parallel with the South line of said Lot, 149.96 feet to the East line of said Lot; thence South along the East line of said Lot, 5.00 feet to the point of beginning, all in DuPage County, Illinois. Containing 750-Square feet.



Legend/notes:
. nts indicates not to scale
POB indicates point of beginning.



State of Illinois
County of Cook s.s.

I, John M. Hank, an Illinois Professional Land Surveyor, do hereby
Certify that I have prepared this plat of easement from official records,
and that this plat is a correct representation thereof.
Park Ridge, Ill. 2007

John M. Hank
Illinois Professional Land Surveyor No. 1715
License expires November 30, 2008

Order No. 07-3308
Ordered by: AT&T
Scale. 1" equals 40 feet

Exhibit A