

CITY OF NEWTON

IN BOARD OF ALDERMEN

PUBLIC FACILITIES COMMITTEE AGENDA

WEDNESDAY, SEPTEMBER 21, 2011

7:45 PM  
Room 209

**ITEMS SCHEDULED FOR DISCUSSION:**

*Public hearing assigned for September 21, 2011:*

#257-11 NSTAR ELECTRIC petitioning for a grant of location to install 37' ± of conduit in PINE STREET at Pole 354/3 opposite Evergreen Circle in a southeasterly direction. (Ward 4) [08/22/11 @ 11:22 AM]

*Public hearing assigned for September 21, 2011:*

#258-11 NATIONAL GRID petitioning for a grant of location to install and maintain 95' ± of 6" gas main in WITHINGTON ROAD from the existing 6" gas main at #122 Withington Road southerly to #137 Withington Road for new gas service. (Ward 2) 07/31/11 @ 12:50 PM]

*Public hearing assigned for September 21, 2011:*

#259-11 NextG NETWORKS OF NY, INC. petitioning for a grant of location to install 295' ± of underground conduit in SUMNER STREET on the easterly side approximately 58' from Alden Street in a southerly direction to the intersection of Rice Street and attach aerial fiber and related equipment to existing utility poles at the following locations:

Aerial Locations

Centre Street - 2,140' of aerial fiber attachment to exiting poles  
Alden Street - 485' of aerial fiber attachment to existing poles  
Sumner Street - 2,460' of aerial fiber attachment to existing poles  
Ward Street - 1,050' of aerial fiber attachment to existing poles  
Westbourne Road – 790' of aerial fiber attachment to existing poles  
Everett Street 935' of aerial fiber attachment to existing poles  
Dalton Road – 435' of aerial fiber attachment to existing poles  
Grant Avenue – 530' of aerial fiber attachment to existing poles  
Beacon Street – 1,925' of aerial fiber attachment to existing poles  
Langley Road – 530' of aerial fiber attachment to existing poles  
Braeland Avenue - 1.095' of aerial fiber attachment to existing poles  
Cypress Street – 410' of aerial fiber attachment to existing poles  
[07/28/11 @ 3:36 PM]

The location of this meeting is handicap accessible and reasonable accommodations will be provided to persons requiring assistance. If you have a special accommodation need, contact the Newton ADA Coordinator Trisha Guditz at 617-796-1156 or [tguditz@newtonma.gov](mailto:tguditz@newtonma.gov) or via TDD/TTY at (617) 796-1089 at least two days in advance of the meeting.

**REFERRED TO PUB. SAF. & TRANS. AND PUBLIC FACILITIES COMMITTEES**

- #255-11 ALD. BAKER, GENTILE, SCHNIPPER, CICCONE, FULLER, SHAPIRO requesting discussion of preparation for, response during, and follow up after, Tropical Storm Irene by the City of Newton, including co-ordination by the Mayor's office and the various City Departments involved. [08/29/11 @ 2:09 PM]

**REFERRED TO PUB. SAF. & TRANS. AND PUBLIC FACILITIES COMMITTEES**

- #256-11 ALD. SHAPIRO, CICCONE, BAKER requesting a discussion how the City uses information systems as well as people to collect and process information from residents impacted by a storm or other emergency event, and ways to establish or improve the manner in which triage is performed and prioritized to increase public safety with the appropriate response. [08/29/11 @ 9:25 PM]

**REFERRED TO PUBLIC FACILITIES & FINANCE COMMITTEES**

- #38-10(3) HIS HONOR THE MAYOR requesting authorization to transfer the sum of one hundred four thousand eight hundred twenty six dollars (\$104,826) from the Energy Improvement Capital Stabilization Fund to provide additional funding for costs associated with building envelope improvements at the Newton Lower Falls Community Center. [08/01/11 @ 2:23 PM]
- #385-07 ALD. SCHNIPPER AND GENTILE updating the Public Facilities Committee on the progress of the Newton North High School Project. [11/21/07 @ 10:23 AM]

**ITEMS NOT YET SCHEDULED FOR DISCUSSION:**

*Public Hearing assigned for October 5, 2011:*

- #266-11 NATIONAL GRID petitioning for a grant of location to install and maintain 80' ± of 4" gas main in RUANE ROAD from the existing 4" gas main at 74 Ruane Road in an easterly direction to #69 Ruane Road. (Ward 3) [09/12/11 @ 11:59 AM]
- #239-11 ALD. ALBRIGHT, CROSSLEY & LINSKY requesting a discussion with Public Buildings Department and School Committee regarding modular classrooms that includes the, the location, the age, the condition and the number of modular classrooms. [07-12-10 @ 3:19 PM]
- #174-11 ALD. DANBERG AND BLAZAR requesting a raised device on Cypress Street near Bow Road recommended by the Traffic Engineer and approved by the Traffic Council (TC22-11) on May 26, 2011. [05-27-11 @ 10:53 AM]
- #173-11 ALD. DANBERG AND BLAZAR requesting a raised crosswalk on Cypress Street in the vicinity of 280 Cypress Street, in association with modifications to the Bowen Elementary School entrance, as approved on May 26, 2011 in Traffic Council (TC20-11), and to be paid for through MassDOT's Safe Routes to School Infrastructure Program. [05-27-11 @ 10:53 AM]

#172-11 ALD. CROSSLEY, FULLER AND SCHNIPPER requesting discussion with the Utilities Division of the Public Works Department regarding the identification of storm water inflow connections to the sewer system, so as to begin the process of systematically eliminating such illegal connections, including notifications to property owners, educational materials, requirements for corrective actions and technical and financial assistance that may be available from the City in order to facilitate removal of inflow connections. [05/26/11 @3:33 PM]

#138-11 ALD. CROSSELY AND SCHNIPPER requesting a report from the Department of Public Works regarding the energy use and maintenance costs for the City's streetlights and gaslights and costs/payback associated with recommended energy efficiency measures. [04-21-11 9:08 AM]

**REFERRED TO PROG & SERV, PUB. FAC. AND FINANCE COMMITTEES**

#130-11 PAUL COLETTI, ALD. SANGIOLO, DANBERG, & JOHNSON requesting Home Rule Legislation to create a Capital Preservation Fund for the City of Newton modeled on the Community Preservation Fund to address the capital needs of the City. [04/11/11 @9:42 PM]

#124-11 ALD. CROSSLEY, DANBERG, ALBRIGHT, LAPPIN, SANGIOLO, AND SCHNIPPER requesting a discussion with the Public Works and Parks & Recreation Departments regarding emergency stockpiling of snow, tree limbs, and other storm-related debris to include the mapping of potential sites, priority use of the sites, and site preparation prior to use, for the purpose of assuring both effective City operations throughout the year, while protecting and preserving Newton's park lands. [03/29/11 @1:47 PM]

**REFERRED TO PROGRAMS & SERVICES AND PUBLIC FACILITIES COMMITTEE**

#99-11 ALD. ALBRIGHT, JOHNSON, and DANBERG requesting that the Department of Public Works coordinate data on the impact of the snow removal ordinance from the Department of Public Works, Parks and Recreation Department, Executive Office, and Senior Services into a monthly report for the winters 2012 and 2013, which will be sent to the Public Facilities Committee of the Board of Aldermen that includes the following data: (1) the number of people requesting exemptions; (2) the number of exemptions awarded; (3) the number of warning letters sent; (4) the ability of the City to maintain the same standard regarding treating the surface to preserve safe passage; and (5) cost of the implementation of the program. 03/29/11 @ 11:43 PM]

**REFERRED TO PUBLIC FACILITIES & FINANCE COMMITTEES**

#89-11 FINANCE COMMITTEE recommending that **Sec. 29-72(b) Same— Assessments upon owners of estates passed by new sewers.** of the City of Newton Rev Ordinances, 2007, be amended to increase the fixed uniform rates assessed upon owners of all estates passed by new sewers to rates that more accurately represent the estimated average cost of installing such sewers. [03-07-11 @9:30 AM]

**REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES**

- #60-11 HIS HONOR THE MAYOR requesting the budget for the Newton North High School construction project be amended by transferring funds from the owner's contingency line item to the construction manager at risk line item for the purpose of funding additional costs related to the demolition phase of the project. [02/10/11 @ 9:18 AM]

**REFERRED TO PUBLIC SAF. & TRANS. AND PUBLIC FACILITIES COMMITTEES**

- #41-11 ALD. JOHNSON, LENNON AND DANBERG requesting discussion of the elimination, except during snow emergencies, of the overnight parking ban which is in effect from November 15 through April 15. [01/18/11 @ 9:00 PM]

**REFERRED TO PROG & SERV, PUBLIC FACIL. AND FINANCE COMMITTEES**

- #367-10 HIS HONOR THE MAYOR requesting authorization to appropriate an amount not to exceed five million dollars (\$5,000,000) from bonded indebtedness for the following:  
(B) installation of up to six modular classrooms at five elementary schools as well as the addition of permanent classrooms and renovations to the core of F.A. Day Middle School. [11/29/10 @ 3:23 PM]  
*Note:* Seventy-five thousand dollars (\$75,000) of the \$5 million was approved on December 20, 2010 for site plan design work for modular classrooms at Horace Mann, Zervas, and Burr Elementary Schools and \$923,375 for installation of one modular classroom at Burr Elementary School, one modular classroom at Horace-Mann Elementary School, and two modular classrooms at Zervas Elementary School was approved on July 11, 2011.  
**367-10(B2) – \$4,001,625 for renovations to the core of F.A. Day Middle School and sprinkler systems -HELD**

**REFERRED TO PUBLIC FACILITES, PROG&SERV AND FINANCE COMMITTEES**

- #312-10 ALD. LENNON, LAPPIN, SCHNIPPER, SANGIOLO requesting a discussion with the School Committee on its plans to address space needs in the Newton public schools. [10-27-10 @ 11:07 AM]

**REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES**

- #311-10(A) HIS HONOR THE MAYOR requesting an appropriation in the amount of three million three hundred thirty-five thousand dollars (\$3,035,000) from bonded indebtedness for the purpose of funding the FY 2011 Capital Improvement Plan projects as follows: [11/29/ 10 @ 3:23 PM]

Architectural Design and Engineering/ Next Scheduled Fire Station \$400,000  
A-2 - HELD 6-0 \$270,000 for final design bidding and construction admin on 12/08/10

**REFERRED TO PUB. SAF. & TRANS., PUB. FAC. AND FINANCE COMMITTEES**

- #311-10(B) HIS HONOR THE MAYOR requesting an appropriation in the amount of three hundred thousand dollars (\$300,000) from bonded indebtedness for the purpose of funding the Manet Road Emergency Communications Radio Tower Replacement, which is included in the FY 2011 Capital Improvement Plan. [11/29/10 @ 3:23 PM]  
**PUBLIC SAFETY & TRANSPORTATION APPROVED 7-0 on 12/08/10**

**REFERRED TO PROG & SERV AND PUBLIC FACILITIES COMMITTEES**

- #245-10 ALD. SCHNIPPER AND SANGIOLO requesting discussion with National Grid regarding the possible damage to trees as a result of gas leaks. [09/01/10 4:00 PM]
- #244-10 ALD. SALVUCCI requesting discussion with the Utilities Director and the Public Works Commissioner regarding the possibility of installing second water meters for outside irrigation. [08/17/10 @ 12:18 PM]
- #223-10 ALD. YATES & ALBRIGHT requesting updates on the status of the reconstruction of the Needham/Newton Street corridor, which include details on the reconstruction funding, plans for the revitalization of the area, and plans for the implementation of transportation improvements. [07/15/10 @ 1:02 PM]
- #192-10 POST AUDIT & OVERSIGHT COMMITTEE requesting review of **Section 26-30 Licenses for café furniture on sidewalks** with the Commissioner of Public Works and the role of the Board of License Commission. [06/22/10 @ 2:08 PM]
- #116-10 ALD. CROSSLEY AND HESS-MAHAN requesting discussion regarding status of ESCO weatherization audit focusing on building envelope retrofits proposed for Phase II and Phase III and coordinating those efforts to inform decision making on related capital expenditures. [04/13/10 @ 7:24 PM]

**REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES**

- #53-10 ALD. FULLER, SCHNIPPER, CROSSLEY & BAKER requesting a Resolution to His Honor the Mayor requesting the implementation of new parking meter payment methods and/or parking meter systems to eliminate the sole use of coins. [02/09/10 @ 12:43 PM]  
**(B) Resolution to His Honor the Mayor requesting the implementation of new parking meter payment methods and/or parking meter systems to eliminate the sole use of coins –HELD 7-0 on 03/03/10**
- #22-10 ALD. YATES & DANBERG requesting a report from current and former members of the Design Review Committee on the treatment of the members of the committee relevant to the Newton North High School Project. [01/04/10 @ 8:16 PM]

- #397-09 NSTAR ELECTRIC petitioning for a grant of location to install a new pole (233/4-1X on the northeasterly side of HOMER STREET opposite Grafton Street. (Ward 6) [11-10-09 @ 12:24 PM]
- #367-09 PUBLIC FACILITIES COMMITTEE requesting discussion with the Law Department on how to resolve the dispute with NStar regarding whose responsibility it is to repair the streetlight connection between the manhole and the base of the streetlight. [10/21/09 @ 9:00 PM]
- #175-09 PUBLIC FACILITIES COMMITTEE requesting monthly updates from the Department of Public Works on the Commonwealth Avenue project. [06-03-09 @ 10:30 PM]
- #126-09 ALD. LAPPIN requesting an update on the status of repairs and rental of the Kennard Estate. [04/17/09 @ 2:49 PM]
- #111-09 ALD. ALBRIGHT AND MANSFIELD requesting discussion of recent information (made available to the Land Use Committee) from NStar related to double poles, focusing on the 350 double poles waiting only for removal of wires or streetlights by the City of Newton.

**REFERRED TO PS&T, PUBLIC FACILITIES AND FINANCE COMMITTEES**

- #60-09 ALD. SANGIOLO, GENTILE AND HARNEY requesting the installation of traffic islands on CONCORD STREET to be funded with the Cabot, Cabot and Forbes Traffic Mitigation Fund for Lower Falls (Ward 4). [02/03/09 @ 1:01 PM]

**REFERRED TO PUBLIC FACILITIES AND PROGRAMS & SERVICES**

- #8-09 ALD. HESS-MAHAN LINSKY, ALBRIGHT, FREEDMAN, MANSFIELD, JOHNSON, HARNEY & VANCE proposing an ordinance requiring that the installation of synthetic in-filled turf athletic fields on city-owned property shall use sustainable, recyclable, lead-free, non-toxic products to the maximum extent feasible. [12/30/08 @ 9:55 AM]
- #457-08 ALD. LAPPIN AND SALVUCCI requesting discussion with NStar regarding the timely repair of City streetlights and the development of a standard response timeframe. [11/20/08 @ 12:51 PM]
- #208-08 ALD. GENTILE, SANGIOLO, SALVUCCI AND SCHNIPPER requesting a discussion on establishing a permanent Building Committee in the City of Newton. [05/16/08 @ 11:47 AM]
- #253-07 ALD. LINSKY ALBRIGHT, JOHNSON, HARNEY, SANGIOLO, SALVUCCI, MANSFIELD, BURG, SCHNIPPER requesting (1) a review as to how provisions of applicable ordinances, specifically 5-58, were implemented during the course of the Newton North project, and (2) consider proposed revisions of 5-58 including, but not limited to:

- (a) timely provision of documentation by the public building department to the Board of Aldermen and Design Review Committee;
- (b) establishment of liaison committees to facilitate communications and input from neighborhoods affected by projects subject to this ordinance;
- (c) approval of final design plans by the Board of Aldermen of projects subject to this ordinance;
- (d) oversight during the construction phase of projects subject to this ordinance by appropriate Board committee(s) both in respect to approval of change orders as well as design changes; and
- (e) generation of a required record detailing the entire construction process by the public building department to guide present and future oversight of projects subject to this ordinance. [08/07/07 @ 3:12 PM]

#54-07 ALD. SANGIOLO requesting discussion with the School Department and the Public Buildings Department about giving the School Department increased control over maintenance of school building facilities thereby allowing the School Department to have direct authority to deploy/hire staff to make necessary repairs to their school facilities. [02/09/07 @ 1:46 PM]

#224-06(2) ALD. LINSKY, ALBRIGHT & JOHNSON, BAKER & SCHNIPPER requesting further deliberation on the conditions set forth in the Site Plan Approval Board Order relating to the Newton North High School project, considering possible expansion and modification of the conditions.

#155-06(2) ALD. BLAZAR on behalf of James A. Blackburn, 105 Wood End Road, Newton Highlands petitioning for laying out, grading and acceptance of WOOD END ROAD as a public way from the intersection of Mountfort Road westerly to the intersection of Nantucket Road, a distance of approximately 360 feet to the width of 45 feet. [05/18/10 @ 11:52 AM]

#152-06 PS&T COMMITTEE requesting discussion re Road Classification Design Types (as outlined by the Planning and Development Department) for future use as an overall management tool for the City.

#386-04 ALD. SANGIOLO, HESS-MAHAN, JOHNSON, AND DANBERG proposing an ordinance to require that designers selected have LEED certification and include high performance/life cycle analysis for all municipal construction projects in the City of Newton.

#321-04(2) ALD. JOHNSON requesting a RESOLUTION to His Honor the Mayor requesting that he expeditiously as possible find funding to create traffic calming measures on Mill Street as requested by the Traffic Council.

Respectfully submitted,

Sydra Schnipper, Chairman



200 Calvary Street  
Waltham, Massachusetts 02453

July 18, 2011

Board of Aldermen  
City Hall  
Newton, MA 02159

RE: Pine Street  
Newton, MA  
W.O. #1826814

11 AUG 22 A 10:35  
CITY CLERK  
NEWTON, MA 02459

Dear Members of the Board:

The enclosed petition and plan is being presented by the NSTAR Electric Company for the purpose of obtaining a Grant of Location to install approximately 37'± feet of conduit @ pole 354/3 on Pine Street, Newton.

This work is necessary to provide new underground electric service for five (5) new homes @ #22 - 24 Pine Street.

If you have any further questions, contact Maureen Carroll @ (617) 369-6421. Your prompt attention to this matter would be greatly appreciated.

Very truly yours,

William D Lemos-Supervisor  
Rights & Permits

WDL/amw  
Attachments

11 AUG 24 A 10:01  
CITY CLERK  
NEWTON, MA 02459



**II. DESCRIPTION OF PROJECT: to be completed by petitioner**

#257-11

A. Write here or attach a description of the project including, location, proposed time frame for completion, type of materials to be used, benefit provided to the City, project mitigation plan as applicable, street reconstruction plan including timetable for completion.

Pine Street - Southeast 1/4 @ Pole 354/3 opposite  
Ever Green Circle 9 distance of about  
37'± feet - conduit

B. Attach a sketch to provide a visual description of the project. If plans are attached, provide:

Title of Plan Pine street, Newton Date of Plan 7-18-11

11 AUG 24 A 08 07

**III. PUBLIC WORKS DEPARTMENT REVIEW**

Date received by Public Works Department \_\_\_\_\_

Check One:

Minor Project

Major Projects

Lateral

(Refer to City Engineer Standard Requirements for Plans for definition of minor and major project)

Plans Submitted:

Certified Plot Plan

Stamped Plans

**DATE AND COMMENTS:**

8/23/11  
1. Street opening permit  
required from Newton DPW.  
2. Notify Engineering 48 hours  
prior to work.  
3. Police detail required  
L. Wilson  
B.J. P. Shea

**RECOMMENDATIONS:**

1. 36" minimum cover on all trenching.
2. Backfill shall be excavatable flowable fill
3. Bituminous concrete roadway shall be replaced  
in kind to City of Newton Specifications.
4. Concrete sidewalk shall be replaced if  
damaged to City of Newton Specifications
5. Granite curbs shall be replaced if broken  
or reinstalled to original grade.
6. Traffic shall be maintained

**IV. RECOMMENDATION TO PUBLIC FACILITIES COMMITTEE:**

[Signature]  
Commissioner, Public Works

8/24/2011  
Date

**ORDER FOR LOCATION FOR CONDUITS AND MANHOLES #257-11**

City of Newton Massachusetts, \_\_\_\_\_, 2011

In Board of Aldermen

WHEREAS, NSTAR ELECTRIC COMPANY has petitioned for permission to construct a line for the transmission of electricity for lighting, heating, or power under the public way or ways of the City hereinafter specified, and notice has been given and a hearing held on said petition as provided by law.

It is ORDERED that NSTAR ELECTRIC COMPANY be and hereby is granted permission to construct, and a location for, such a line of conduits and manholes with the necessary wires and cables therein under the following public way or ways of said City:

Pine Street - Southeasterly @ pole 354/3 opposite Evergreen Circle a distance of about 37'± feet - conduit

WO. 1826814

All construction work under this Order shall be in accordance with the following conditions:

1. Conduits and manholes shall be located as shown on made by A. DeBenedictis plan dated 07/18/11
2. Said Company shall comply with the requirements of existing ordinances and such as may hereafter be adopted governing the construction and maintenance of conduits and manholes.
3. All work shall be done to satisfaction of the Board of Aldermen

or such officer or officers as it may appoint to supervise the work.

A True Record. Attest: \_\_\_\_\_  
City Clerk

Approved \_\_\_\_\_ 2011

\_\_\_\_\_  
Mayor

**CERTIFICATE**

I hereby certify that the foregoing Order was adopted after due notice and public hearing as prescribed by Section 22 of Chapter 166 of the General Laws (Ter. Ed.) and any additions thereto or amendments thereof, to wit:--after written notice of the time and place of the hearing mailed at least seven days prior to the date of the hearing by the City Clerk to all owners of real estate abutting upon that part of the way or ways upon, along or across which the line is to be constructed under said Order, as determined by the last preceding assessment for taxation and a public hearing held on the \_\_\_ day of \_\_\_\_\_ 2011, at Board of Aldermen in the said City

\_\_\_\_\_  
City Clerk

**CERTIFICATE**

I hereby certify that the foregoing are true copies of the Order of the Board of Aldermen of the City of Newton Massachusetts duly adopted on the \_\_\_\_\_ day of \_\_\_\_\_, 2011 and recorded with the records of location Orders of said City. Book \_\_\_\_\_ Page \_\_\_\_\_ and of the certificate of notice of hearing thereon required by Section 22 of Chapter 166 of the General Laws (Ter. Ed.), and any additions thereto or amendments thereof, as the same appear of record.

Attest: \_\_\_\_\_

Clerk of City of Newton, Massachusetts

17 AUG 22 AM 11:18  
CITY CLERK

**PETITION OF NSTAR ELECTRIC COMPANY FOR LOCATION FOR CONDUITS AND MANHOLES**

To the Board of Aldermen of the City of Newton Massachusetts

Respectfully represents NSTAR ELECTRIC COMPANY a company incorporated for the transmission of electricity for lighting, heating or power, that it desires to construct a line for such transmission under the public way or ways hereinafter specified.

WHEREFORE, your petitioner prays that, after due notice and hearing as provided by law, the Board may by Order grant to your petitioner permission to construct, and a location for, such a line of conduits and manholes with the necessary wires and cables therein, said conduits and manholes to be located substantially as shown on the plan made by A. DeBenedictis Dated 07/18/11 and filed herewith, under the following public way or ways of said City:

**Pine Street -** Southeasterly @ pole 354/3 opposite Evergreen Circle a distance of about 37± feet - conduit

WO.# 1826814

NSTAR ELECTRIC COMPANY

By William D. Lemos  
William D. Lemos, Supervisor  
Rights and Permits

CITY CLERK  
NEWTON, MASSACHUSETTS  
AUG 22 A 11:22

Dated this 18th of July, 2011

City of Newton, Massachusetts

Received and filed \_\_\_\_\_, 2011

# Final Label Report

257-11

SBL	Owner	Number	Street	Unit
44017 0048	FREEDMAN MARK & SHARON		DUANE AVE	
44016 0008	MORGAN JAMES A & FRANCA G	15	PINE ST	
44017 0047	CARUSO JUAN & MARIAN	16-18	PINE ST	
44016 0009	SINOPOLI ANTONIO & ISABELLA	19-21	PINE ST	
44017 0046	24 PINE STREET LLC	22	PINE ST	
44017 0045	24 PINE LLC	24	PINE ST	
44016 0001	GUOLIN WEN	27	PINE ST	
44017 0044	CANTY EDGAR T & ANNE C	32	PINE ST	32
44017 0044A	KRAFT BIRGIT & STEFAN	34	PINE ST	34
44017 0044B	KWAN LEIMEI	36-38	PINE ST	36
44017 0044C	NCDF AUBURNDALE CORP	36-38	PINE ST	38
44017 0044E	AGAJ VLADIMIR	40-42	PINE ST	42
44017 0044D	NCDF AUBURNDALE CORP	40-42	PINE ST	40
44035 0084	GORELIK ANDREW M & LENA	43	PINE ST	
44017 0044F	DWECK NOAH	44	PINE ST	44
44017 0044G	BULAN LAARNI T	46	PINE ST	46
44017 0044H	LANDSBURG LORRAINE	48	PINE ST	48
44017 0044I	NCDF AUBURNDALE CORP	50	PINE ST	50

CITY OF NEWTON  
MASSACHUSETTS

PETITION for GRANT OF LOCATION

To the Petitioner:

City of Newton Ordinance Section 23-52 requires that each petition for grant of location be submitted to the Public Works Department for a preliminary review before the applicant files the petition with the Board of Aldermen. The comments of the Public Works Commissioner will be part of the record submitted to the Board of Aldermen. Upon filing with the Board of Aldermen, the petition will be scheduled for a public hearing before the Public Facilities Committee of the Board of Aldermen. **The petitioner is responsible for insuring that the petition is complete and all required materials are in order for review.** Attached please find the City Engineer's Standard Requirements for Plans and the Department of Public Works Permit Processing brochure.

Grant of Location Process:

1. Applicant submits completed Petition Form and required materials to Public Works Department
2. Public Works Department conducts preliminary review and gives written comments to the applicant
3. Petitioner files Petition Form with Clerk of the Board of Aldermen
4. Board of Aldermen schedules petition for a public hearing before the Public Facilities Committee of the Board of Aldermen
5. Public Facilities Committee recommendations are forwarded to the Board of Aldermen for a final decision

Questions my be directed to:

Lou Taverna, City Engineer, 617-796-1020  
Shawna Sullivan, Clerk of the Board of Aldermen, 617-796-1213

11 AUG - 3 10 P M '99  
CITY CLERK  
NEWTON, MA 02459

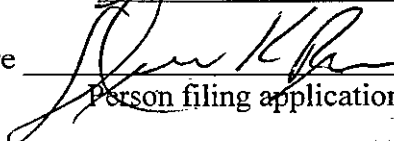
**I. IDENTIFICATION (Please Type or Print Clearly)**

Company Name NATIONAL GRID

Address 40 SYLVAN RD  
WALTHAM MA 02451

Phone Number 617-293-0480 Fax Number \_\_\_\_\_

Contact Person DENNIS REGAN Title PERMIT REPRESENTATIVE

Signature  Date \_\_\_\_\_  
Person filing application

If a telecommunications company, indicate how certified by the Department of Telecommunications and Energy:

**II. DESCRIPTION OF PROJECT: to be completed by petitioner**

A. Write here or attach a description of the project including, location, proposed time frame for completion, type of materials to be used, benefit provided to the City, project mitigation plan as applicable, street reconstruction plan including timetable for completion.

TO INSTALL AND MAINTAIN APPROXIMATELY 95 FEET MORE OR LESS of 6 INCH GAS MAIN IN WITHINGTON ST NEWTON FROM THE EXISTING 6 INCH GAS MAIN AT HOUSE #122 SOUTHERLY TO HOUSE #137 FOR A NEW GAS SERVICE

B. Include or attach a sketch to provide a visual description of the project. If plans are attached, provide: Title of Plan 137 WITHINGTON RD. NEWTON Date of plan \_\_\_\_\_

**III. PUBLIC WORKS DEPARTMENT REVIEW**

Date received by Public Works Department \_\_\_\_\_

Check One:

Minor Project

Major Project

Lateral

(Refer to City Engineer Standard Requirements for Plans for definition of minor and major project)

Plans Submitted:

Certified Plot Plan

Stamped Plans

**DATE AND COMMENTS:**

8/9/11

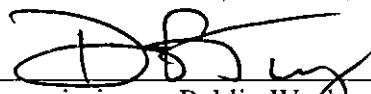
**RECOMMENDATIONS:**

- 1. 3/4" minimum cover on all trenches
- 2. Backfill shall be 95% compaction

1. Street opening permit required from City of Newton	3. Bituminous concrete roadway shall be replaced in kind to City of Newton Specifications.
2. Notify Engineering 48 hours prior to work	4. All concrete sidewalk panels and apron and granite curbs damaged shall be replaced in kind and grade to City of Newton Specifications.
3. Police detail required	5. Traffic shall be maintained

L. Lavara 8/12/11

**V. RECOMMENDATION TO PUBLIC FACILITIES COMMITTEE:**

  
Commissioner, Public Works

8/15/2011  
Date

**PETITION OF NATIONAL GRID FOR GAS MAIN LOCATIONS**

#258-11

**City of Newton / Board of Aldermen:--**


The Nationalgrid hereby respectfully requests your consent to the locations of mains as hereinafter described for the transmission and distribution of gas in and under the following public streets, lanes, highways, and places of the **City of Newton** and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and accomplish the objects of said Company; and the digging up and opening the ground to lay or place same:

**To install and maintain approximately 95 feet, more or less of 6 inch gas main in Withington Road, Newton.**

**From the existing 6 inch gas main at House # 122 Southerly to House # 137 new gas service.**

**Submitted is a set of plans of said gas mains.**

**DATE August 3, 2011**

BY   
Dennis K. Regan  
Permit Representative  
CITY CLERK  
NEWTON, MASS  
11 AUG - 3 1 P 12:51

**ORDER FOR GAS MAIN LOCATION**

**City of Newton / Board of Aldermen:--**

IT IS HEREBY ORDERED that the locations of the mains of the Nationalgrid for the transmission and distribution of gas in and under the public streets, lanes, highways, and places of the **City of Newton** substantially as described in the petition dated **August 3, 2011** attached hereto and hereby made a part hereof, and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and/or accomplish the objects of said Company, and the digging up and opening the ground to lay or place same, are hereby consented to and approved.

The said Nationalgrid shall comply with all applicable provisions of law and ordinances of the **City of Newton** applicable to the enjoyment of said locations and rights.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

I hereby certify that the foregoing order was duly adopted by the \_\_\_\_\_ of the City of \_\_\_\_\_, MA on the \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_.

BY \_\_\_\_\_  
\_\_\_\_\_  
Title

MN # 144-8502-781776

**RETURN ORIGINAL TO THE PERMIT SECTION  
NATIONAL GRID  
40 Sylvan Road, WALTHAM, MA 02451  
RETAIN DUPLICATE FOR YOUR RECORDS**

# Final Label Report

258-11

SBL	Owner	Number	Street	Unit
22010 0012	NARDONE EDMUND B TR	77-79	BLAKE ST	
22021 0017	REN ZHIFENG	89	BLAKE ST	
22021 0001	ROBERTS PAUL A.	252	CABOT ST	
22021 0015	GONZALEZ ERNESTO JR		WITHINGTON RD	
22010 0024	CATLIN TANGUY	60-62	WITHINGTON RD	60
22010 0024A	RUMPF NOAH C	60-62	WITHINGTON RD	62
22021 0002	MORRISON ROBERT B & MARY S	63-65	WITHINGTON RD	
22021 0003A	JOHNSTON EDWARD & MARY N	67-69	WITHINGTON RD	69
22021 0003	HUANG JUN	67-69	WITHINGTON RD	67
22010 0023	GIANAKOPOULOS ILIAS & PANAGOULA	70-72	WITHINGTON RD	
22021 0004	POLISHOOK GRACE E L/E	71-73	WITHINGTON RD	
22021 0005	HUTTON KAREN G L/E	75-77	WITHINGTON RD	
22010 0022	FARKAS GEORGE & CLAIRE TRS	76-78	WITHINGTON RD	
22021 0006	LAU ROBERT S	79	WITHINGTON RD	
22010 0021	LAI KENNETH K	80-82	WITHINGTON RD	
22021 0007	23-25 HASKELL ST LLC	83-85	WITHINGTON RD	
22010 0020	84-86 WITHINGTON RD SERIES	84-86	WITHINGTON RD	
22021 0008	WAN CHUCK WAI & JENNY HONG	87-89	WITHINGTON RD	
22010 0019	LEAHY ANNE C	90-92	WITHINGTON RD	
22021 0009	MALAMUT MOLLY TR	93-95	WITHINGTON RD	
22010 0018	HUTCHINSON ARTHUR Y & HELEN HOVING	96-98	WITHINGTON RD	
22021 0010	99 WITHINGTON ROAD LLC	99	WITHINGTON RD	
22010 0017	CHIN FRED C	102-104	WITHINGTON RD	
22021 0011	LEYDON JOAN	107	WITHINGTON RD	
22010 0016	LEE YUN TSENG & CHIN HUAN	110-112	WITHINGTON RD	
22021 0012	LOW SANDRA M	113-115	WITHINGTON RD	
22010 0015	PRINCE SARAH E	116-118	WITHINGTON RD	
22021 0013	SANTARPIO RONALD & STEPHEN	119-121	WITHINGTON RD	
22010 0014	SPIEGEL DORA TR	122-124	WITHINGTON RD	
22021 0014	LEBOVIDGE RICHARD N	127-129	WITHINGTON RD	
22010 0013	YEE DONALD	132-134	WITHINGTON RD	
22021 0016	GONZALEZ ERNESTO & JULIE	143	WITHINGTON RD	



CITY OF NEWTON  
MASSACHUSETTS

PETITION for GRANT OF LOCATION

To the Petitioner:

City of Newton Ordinance Section 23-52 requires that each petition for grant of location be submitted to the Public Works Department for a preliminary review before the applicant files the petition with the Board of Aldermen. The comments of the Public Works Commissioner will be part of the record submitted to the Board of Aldermen. Upon filing with the Board of Aldermen, the petition will be scheduled for a public hearing before the Public Facilities Committee of the Board of Aldermen. **The petitioner is responsible for insuring that the petition is complete and all required materials are in order for review.** Attached please find the City Engineer's Standard Requirements for Plans and the Department of Public Works Permit Processing brochure.

Grant of Location Process:

1. Applicant submits completed Petition Form and required materials to Public Works Department
2. Public Works Department conducts preliminary review and gives written comments to the applicant
3. Petitioner files Petition Form with Clerk of the Board of Aldermen
4. Board of Aldermen schedules petition for a public hearing before the Public Facilities Committee of the Board of Aldermen
5. Public Facilities Committee recommendations are forwarded to the Board of Aldermen for a final decision

Questions may be directed to:

Lou Taverna, City Engineer, 617-796-1020  
Shawna Sullivan, Clerk of the Board of Aldermen, 617-796-1213

**I. IDENTIFICATION (Please Type or Print Clearly)**

Company Name NextG Networks of NY, Inc.

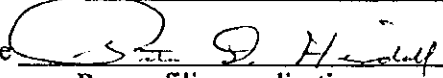
Address 131-05 14th Avenue

College Point, NY 11356

Phone Number 781.437.8127

Fax Number 866.379.9457

Contact Person Peter Heimdahl Title Senior Director of Government Relations

Signature  Date 7-27-11  
Person filing application

If a telecommunications company, indicate how certified by the Department of Telecommunications and Energy: NextG Networks is registered with the Massachusetts Department of Telecommunications and Cable as a common carrier (see active link to registration in attached letter).

**II. DESCRIPTION OF PROJECT: to be completed by petitioner**

A. Write here or attach a description of the project including, location, proposed time frame for completion, type of materials to be used, benefit provided to the City, project mitigation plan as applicable, street reconstruction plan including timetable for completion.

Please see attached letter for project description, location (see plans), proposed time frame for completion, materials (see plans), benefit to the City, project mitigation, street reconstruction plan with estimate for completion. NextG will abide by all applicable City regulations pertaining to construction and restoration.

B. Include or attach a sketch to provide a visual description of the project. If plans are attached, provide:

Title of Plan MPC1045AMANTN Strand Map-New Nodes Date of plan 7/14/2011

Node 4D-01, Node 4D-02, Node 4D-03, Node 4D-04, Node 4D-05 all dated 7/5/2011  
Sumner St at Commonwealth Ave (excavation detail) dated 4/29/11

III. PUBLIC WORKS DEPARTMENT REVIEW

Date received by Public Works Department \_\_\_\_\_

Check One:

Minor Project  Major Project  Lateral

(Refer to City Engineer Standard Requirements for Plans for definition of minor and major project)

Plans Submitted:

Certified Plot Plan  Stamped Plans

DATE AND COMMENTS:

8/25/11  
1. Street opening permit required from Newton DPW  
2. BM permit required from MWRA  
3. Notify Engineering 48 hours prior to work  
4. Visual impact to neighborhood at pole sites of ob and o/a  
5. Crossing large diameter MWRA and City of Newton water mains on Commonwealth Ave & Sumner St  
6. Police detail required

RECOMMENDATIONS:

1. 30" minimum cover on all trenches  
2. Backfill shall be excavatable slowdote fill.  
3. Bituminous concrete roadway shall be replaced in kind to City of Newton specifications  
4. Bituminous concrete sidewalk and berm damaged shall be replaced in kind and grade to City of Newton specifications  
5. BM permit required to cross MWRA water main(s) on Commonwealth Ave.  
6. Exercise extreme diligence in crossing all large diameter water mains  
This permit shall be reviewed by the City of Newton Law Department.  
8. Traffic shall be maintained on both Commonwealth Ave and Sumner St.

V. RECOMMENDATION TO PUBLIC FACILITIES COMMITTEE:

ALL EQUIPMENT MUST COMPLY WITH FCC REGULATIONS, AND MUST NOT INTERFERE WITH ANY EXISTING COMMUNICATION EQUIPMENT.

Commissioner, Public Works

Luis M. Tavano

8/29/11

Date

UTILITY POLES ARE OWNED BY NSTAR ELECTRIC + VERIZON. PERMISSION MUST BE GRANTED BY THEM TO INSTALL EQUIPMENT ON THEIR UTILITY POLES.



**NextG Networks**

EMPOWERING NEXT GENERATION WIRELESS  
NETWORKS

**Corporate Headquarters:**

NextG Networks, Inc.  
890 Tasman Drive  
Milpitas, California 95035

Tel: (408) 954-1580  
Fax: (408) 434-6285  
Web: [www.nextgnetworks.net](http://www.nextgnetworks.net)

**Writer's Address:**

Peter Heimdahl  
NextG Networks of NY, Inc.  
131-05 14th Avenue  
College Point, NY 11356

Tel: (781) 437-8127  
Fax: (866) 379-9457  
Email: [pheimdahl@nextgnetworks.net](mailto:pheimdahl@nextgnetworks.net)

July 27, 2011

*VIA Hand Delivery - 10 Copies*

ATT: Ms. Shawna Sullivan  
Newton City Hall  
1000 Commonwealth Ave  
Newton Centre, MA 02459

Re: *NextG Networks of NY, Inc. Petition for Conduit and Fiber Location and to Attach Equipment to Existing Utility and Streetlight Poles under Mass.Gen. L. Chapter 166, Section 22.*

Dear Ms. Sullivan:

Please accept this letter in support of the formal petition of NextG Networks of NY, Inc. ("NextG"), for a Grant of Location from the City of Newton (the "City") to conduct business as a telecommunications company operating with infrastructure located in the City's public ways. Specifically, NextG requests permission to install and maintain fiber and conduit with all associated connections, wires and cables and also to attach equipment to existing utility and streetlight poles for purposes of operating its regulated telecommunications network. This petition and supporting information is submitted to the City in accordance with Section 253 of the Federal Telecommunications Act of 1996 and pursuant to Mass. Gen. L. Ch. 166, §§ 22-25 ("Massachusetts Pole Attachment Statute") which govern the non-discriminatory access and use of the public way by telecommunications providers for the provision of services.

NextG is a regulated facilities-based telecommunications carrier that operates and maintains low-power access networks in communities across the United States. More specifically, NextG is a transport services company, i.e. a "carrier's carrier" which offers fiber-based radio frequency (RF) transport services to its customers which provide an extension of its wireless customer's RF signal in difficult coverage areas without the need for new cell towers. Although NextG's equipment includes small antennas, it is not considered to be a wireless service provider by the Federal Communications Commission. NextG is registered with the Massachusetts Department of Telecommunications and Cable as a common carrier ([http://www.mass.gov/Eoca/docs/dtc/telecom/RegTelProv8\\_2010.xls](http://www.mass.gov/Eoca/docs/dtc/telecom/RegTelProv8_2010.xls)) and therefore is a utility with the same regulatory rights and responsibilities as the incumbent landline telephone company - Verizon. Under this regulatory framework, in the greater Boston area,

NextG has successfully deployed more than 400 telephone/utility equipment locations connected by hundreds of miles fiber in many jurisdictions through a Grant of Location process.

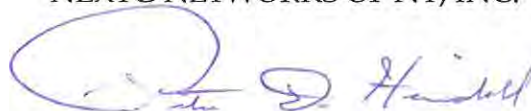
The proposed time frame for completion of NextG's non-obtrusive network build (consisting of 5 equipment locations, 12,785 feet of aerial fiber, and a 295 foot excavation) once construction commences is estimated to be a total of two (2) months, including street restoration. The approximate duration for each equipment location to be installed to existing utility poles is two (2) days. The approximate fiber installation interval will be three to four weeks. Thereafter, 3-4 weeks are needed to splice and test the fiber and connectivity to the equipment.

Project mitigation will be accomplished primarily by compliance with all applicable City of Newton street occupancy and restoration requirements, to include trenching backfill according to City specifications (chipcrete/flowable fill or as otherwise determined by the DPW) and also by the use of police details.

Some of the benefits to the City are that NextG allows for a balancing of ever increasing consumer and business demands for improved wireless coverage with community concerns about aesthetics. NextG's deployment methodology provides an alternative to traditional cell sites utilizing equipment that is often even less obtrusive than that of other utility companies who have similar rights to install equipment on poles within existing utility corridors. The equipment is designed to blend in with the existing pole upon which it is attached (see attached engineering drawings). At the same time, NextG's network will serve to increase capacity and capability for new, improved and advanced wireless voice (including 911 call traffic) and data services for any service provider in the City of Newton.

Accordingly, NextG respectfully requests that its petition be placed on the agenda for action at the next meeting of the Public Facilities Committee on September 7<sup>th</sup>, 2011. If you have any questions, please contact me at 781.437.8127 or pheimdahl@nextgnetworks.net.

Very truly yours,  
NEXTG NETWORKS OF NY, INC.



Peter D. Heimdahl  
*Senior Director of Government Relations*

cc: Anthony Adams, NextG Senior Project Manager

Enclosures:

1. Completed Newton Petition for Grant of Location (City form)

2. NextG Corporate Fact Sheet
3. MPC1045AMANTN Strand Map - Proposed DAS Network dated 7/14/2011
4. Fiber Location by Street of Total Proposed NextG Fiber Routing
5. Equipment specification/engineering drawings with locus plan for each of 5 equipment locations (titled Node 4D- 01, Node 4D-02, Node 4D-03, Node 4D-04, and Node 4D-05 all dated 7/5/11
6. Site Plan/Profile Sheet for excavation detail titled "Sumner St at Commonwealth Ave" and dated 4/29/11

**CITY OF NEWTON  
MASSACHUSETTS**

**PETITION for GRANT OF LOCATION**

**To the Petitioner:**

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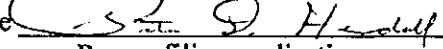
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Address 131-05 14th Avenue

College Point, NY 11356

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Commissioner, Public Works

Luis M. Tavano

8/29/11

Date

UTILITY POLES ARE OWNED BY NSTAR ELECTRIC + VERIZON. PERMISSION MUST BE GRANTED BY THEM TO INSTALL EQUIPMENT ON THEIR UTILITY POLES.

**NextG Networks is a leader in outdoor distributed antenna systems (DAS), using fiber-fed DAS to operate carrier-class wireless networks. NextG designs, permits, builds, operates, owns, and manages fiber-fed DAS networks.**

NextG deploys its DAS systems by attaching aesthetic fiber fed telecommunications equipment to existing public way infrastructure, such as utility poles and street lights. NextG's distributed systems are frequency and protocol-neutral, enabling them to support multiple wireless carriers, services, and technologies.

NextG provides optical transport and backhaul services to wireless service providers over multi-frequency, scalable fiber networks that improve wireless service coverage, capacity and performance. NextG markets the DAS networks to wireless service providers, communities and in-building venues, in the US.

#### **Carriers using DAS solutions can benefit from NextG Networks':**

- Largest outdoor DAS operator in the US with systems deployed in 9 of the top 10 MSA
- Years of experience building and maintaining DAS networks throughout the US
- Widespread availability of coverage in areas that cannot be accessed by traditional wireless sites
- Faster time-to-market network deployment in metropolitan and suburban areas
- More efficient utilization of spectrum assets through the site's smaller footprint
- Uniform coverage of entire areas and precise targeting of traffic capacity within a carrier's network
- Ability to consolidate all required backhaul traffic into a single high-bandwidth fiber backhaul connection
- Ability to obtain public way access for DAS sites

#### **Corporate Status**

With main offices in Silicon Valley, California, NextG operates wholly-owned regional subsidiaries throughout the United States.

#### **Management Team**

Steven J. Moskowitz, *CEO*

David Cutrer, PhD, *CTO and Co-founder*

Robert L. Delsman, Esq, *Senior VP, Government Relations & Regulatory Affairs*

Lawrence Doherty, *Senior VP Sales, Central & Western Region*

Michael Hughes, *VP, Engineering*

Alexander Kogan, *VP, Information Technology*

Anthony Lehv, *General Counsel*

Bo Piekarski, *VP, Product Management and Marketing*

Todd Schultz, *Senior VP, Implementation*

Kevin P. Shone, *CFO*

Ileen Winick, *VP, Human Resources*

#### **Main Office**

**NextG Networks, Inc.**

890 Tasman Drive • Milpitas, CA 95035-7439 USA

Toll Free 877-74NextG • Fax 408.434.6285 • Email [info@nextgnetworks.net](mailto:info@nextgnetworks.net)

Visit [www.nextgnetworks.net](http://www.nextgnetworks.net) to learn more about the Company.





NextG Networks

To Accompany Petition of NextG Networks of NY Inc. dba NextG Networks East.  
Municipality: **Newton**      Petition Number: **MPC1045AMANTN**

**Fiber Location by Street of Total Proposed NextG Fiber Routing –12,785’ Aerial and  
295’ Underground**

Street Name
CENTRE ST - 2140' AERIAL FIBER ATTACHMENT TO EXISTING POLES
ALDEN ST - 485' AERIAL FIBER ATTACHMENT TO EXISTING POLES
SUMNER ST - 2460' AERIAL FIBER ATTACHMENT TO EXISTING POLES
SUMNER ST - 295' UNDERGROUND FIBER INSTALLATION (EXCAVATION)
WARD ST - 1050' AERIAL FIBER ATTACHMENT TO EXISTING POLES
WESTBOURNE RD - 790' AERIAL FIBER ATTACHMENT TO EXISTING POLES
EVERETT ST - 935' AERIAL FIBER ATTACHMENT TO EXISTING POLES
DALTON RD - 435' AERIAL FIBER ATTACHMENT TO EXISTING POLES
GRANT AVE - 530' AERIAL FIBER ATTACHMENT TO EXISTING POLES
BEACON ST - 1925' AERIAL FIBER ATTACHMENT TO EXISTING POLES
LANGLEY RD - 530' AERIAL FIBER ATTACHMENT TO EXISTING POLES
BRAELAND AVE - 1095' AERIAL FIBER ATTACHMENT TO EXISTING POLES
CYPRESS ST - 410' AERIAL FIBER ATTACHMENT TO EXISTING POLES

# Final Label Report

#259-11

SBL	Owner	Number	Street	Unit
73050 0004	STEYN GAVIN R	2	ALDEN ST	
73049 0007	BENSETLER ROBERT M	5	ALDEN ST	
73050 0003	RAGO JAMES M & DIANNE C	10	ALDEN ST	
73049 0008	BERLIN CHARLES & JUDITH A T/C	15	ALDEN ST	
73050 0002	LITWAK LAWRENCE B	18	ALDEN ST	
73049 0009	ISRAEL ELLIOT & ESTHER JACOBOWTIZ	19	ALDEN ST	
73029 0010	WIENER ANDREW J & JANICE G	5	BALLARD ST	
65001 0005	CITY OF NEWTON		BEACON ST	
61021 0017	BROOKE-PETIT EDWINA	535	BEACON ST	
65001 0006	NALEBUFF MARCIA S TR	550	BEACON ST	
65001 0007	LANDAU ROBERTA	558	BEACON ST	
65001 0008	TSE BILLY & CELINA	566	BEACON ST	
65001 0009	MCGRATH PAMELA A	574	BEACON ST	
65001 0010	EDWARDS BRENDA A & MICHAEL G	582	BEACON ST	
65001 0011	LEE JAMES S	600	BEACON ST	
65001 0011B	ENGELBRECHT JAN	602	BEACON ST	
65001 0011A	DIARBAKERLY LAURANCE	608	BEACON ST	
61023 0001	CORCORAN WILLIAM P	609	BEACON ST	
65001 0012	FISHER DALMAR & LAURA M TRS	618	BEACON ST	
61023 0002	HANDLER DAVID M & TERRI	619	BEACON ST	
65001 0013	JIN PAUL & KATHERINE	624	BEACON ST	
61023 0003	BURSTEIN ADRIA C	625	BEACON ST	
61023 0004	MUSHRUSH GRACE J	631	BEACON ST	
61038 0022	SZE PETER & JENNA	638	BEACON ST	
61023 0005	LIM WILSON KS	639	BEACON ST	
61038 0021	WANG CHUN-JEN	646	BEACON ST	
61024 0001	DAVIDSON SUSAN M	655	BEACON ST	
61024 0002	NAGHI SHAHIN	659	BEACON ST	
61038 0017	BERMAN MELVIN M & BEVERLY	660	BEACON ST	
61024 0003	KEARNS MARY	665	BEACON ST	
61038 0016	BIRNBAUM HERBERT S & CONNIE S	670	BEACON ST	
61024 0004	YEE WILLIAM L	671	BEACON ST	
61038 0015	ROOT BERNARD & ELEANOR	672	BEACON ST	
61038 0014	BENAIM DAVID & REVITAL	680	BEACON ST	
61038 0013	LEUNG FREDRICK JIN YUNG	686	BEACON ST	
61038 0012	BHARGAVA PANKAJ & PARUL	692	BEACON ST	
61025 0002	MACK DAVID M & JENNIFER W	693	BEACON ST	
61038 0011B	SAMSON LISA	698-700	BEACON ST	2
61038 0011A	LINDENBERG ROBERT & MERYL	698-700	BEACON ST	3
61038 0011	BERGER NOAH S	698-700	BEACON ST	1
61038 0011C	DANDREA CHRISTOPHER L & DENISE L	698-700	BEACON ST	4
61025 0003	KILROY JAMES M & RUTH	701	BEACON ST	
61038 0010	JOSEPH ALAN W	704-706	BEACON ST	704
61038 0010A	MORSS ELLIOTT R	704-706	BEACON ST	706
61026 0013	BASQUE STEVEN J & MEREDITH ROBBINS	711	BEACON ST	

SBL	Owner	Number	Street	Unit
61038 0005	MARINICK ROBERT J	740	BEACON ST	
61027 0001	NEWTON REALTY LLC	761-771	BEACON ST	
61036 0005	GATEWAY PLAZA LTD PTNRSH	776	BEACON ST	
61023 0009	SABATINE MARC	131	BISHOPSGATE RD	
61037 0020	VAN DAM ELISA LULECI	16	BRAELAND AVE	
61037 0019	REIMANN STEPHEN W TR	20	BRAELAND AVE	
61037 0018	FORDYCE CHRISTINE	24	BRAELAND AVE	
61037 0017	BUROKAS LUCILLE & FRANCIS I TRS	30-32	BRAELAND AVE	
61037 0016A	MOBED SEYED ZIYA	38	BRAELAND AVE	2
61037 0016	MOMAYEZ FERIEDOON	38	BRAELAND AVE	1
61037 0015	WHITING ALEX G	42	BRAELAND AVE	
61037 0014	ZAITCHIK ALAN M TOBY L	46	BRAELAND AVE	46
61037 0014A	RUDBERG SCOTT T	48	BRAELAND AVE	48
61037 0013	CURRY CHRISTOPHER D	50	BRAELAND AVE	
65019 0007	YOO ALBERT J	74	BRAELAND AVE	
61035 0004	CITY OF NEWTON		CENTRE ST	
73027 0011	DUCEY CHARLES P & BARBARA A	912	CENTRE ST	
73027 0010	KORNMAN KENNETH & BONNIE S TRS	920	CENTRE ST	
13022 0001	KLARFELD JONATHAN M	925	CENTRE ST	
73028 0001	ZIOLKOWSKI JAN MICHAEL	930	CENTRE ST	
13022 0002	SAUNDERS SHIRLEY	933	CENTRE ST	
73028 0015	CINCOTTA FELIX G & CAROL ANN	938	CENTRE ST	
13022 0003	STEPNER LAURA JEPPESEN & DANIEL	941	CENTRE ST	
73028 0014	LAMONICA JOSEPH R & FRANCOISE H	944	CENTRE ST	
13022 0004	PACKER JUDITH & MARVIN S	949	CENTRE ST	
73028 0013	WILCOX JARROD W & LINDA J	950	CENTRE ST	
13024 0029	STEINMETZ ALLAN J & SARAH R	963	CENTRE ST	
73029 0009	BERNSTEIN RUTH & DAVID	970	CENTRE ST	
13024 0028	LITT ELLEN F	971	CENTRE ST	
73029 0008	COHEN JUDAH L & SHERRI E	976	CENTRE ST	
73029 0007	KAUFMAN RANDAL B & GAIL	982	CENTRE ST	
13024 0027	TEMIN MARC & CHRISTINE	983	CENTRE ST	
13024 0026	ROSENBERG MARK W	989	CENTRE ST	
73029 0006	GARREN JOSHUA D	990	CENTRE ST	
73049 0001	DENATALE JOSEPH S	1004	CENTRE ST	
13032 0014	SPILEOS LILLIAN M & SAM TRS	1005	CENTRE ST	
73049 0011	PATTISON TIMOTHY J	1010	CENTRE ST	
13032 0015	KIM YOUNG HA & JUNG HWAN	1011	CENTRE ST	
73049 0010	ROBINSON WILLIAM W & KATHRYN K	1016	CENTRE ST	
13032 0016	NEWBERGER JEREMY J	1019	CENTRE ST	
73050 0001	POPMA JEFFREY J	1032	CENTRE ST	
13034 0005	KELTON R HARRISON	1035	CENTRE ST	
73050 0010	DEGROOT HENRY III & PATRICIA M	1038	CENTRE ST	
13034 0006	MACHAL JORGE A	1045	CENTRE ST	
73050 0009A	WESTFALL BONNIE S TR	1046	CENTRE ST	2
64028 0001	CENTRE REALTY LLC	1261-1269	CENTRE ST	
61035 0005	ZUSSMAN DAVID T TR	1280	CENTRE ST	
61035 0003	CITY OF NEWTON	1294	CENTRE ST	
61035 0002	1296 CENTRE ST ASSOCIATES LTD PTNSP	1296-1298	CENTRE ST	
62009 0015	FIRST BAPTIST CHURCH IN NEWTON	1299	CENTRE ST	

SBL	Owner	Number	Street	Unit
62009 0016	FIRST BAPTIST CHURCH	1301	CENTRE ST	
62012 0002	LUTHERAN CHURCH OF THE NEWTONS	1310	CENTRE ST	
62012 0001A	B & E CENTER STREET LLC	1314	CENTRE ST	
62009 0004	ROMAN CATH ARCHD OF BOSTON CORP	1317	CENTRE ST	
62009 0005	ROMAN CATH ARCHD OF BOSTON CORP	1321	CENTRE ST	
62012 0005	HACKEL ALLAN R TR	1330-1340	CENTRE ST	
62010 0008	ROMAN CATH ARCHD OF BOSTON CORP	1337	CENTRE ST	
61037 0002	HARPER TIMOTHY J & DONNA M	15	CHASE ST	
13022 0006	ANDREWS THOMAS E & LOUISE A	92	CLINTON PL	
73043 0001	LARKIN JUDITH E	489-491	COMMONWEALTH AVE	
73050 0005	PILLAI APPU K & MALINI V	599	COMMONWEALTH AVE	
73050 0009	ANDERSON RAFAE W	629	COMMONWEALTH AVE	1
73034 0001	JACOBS RICHARD	33	COOLIDGE RD	
61035 0001	CITY OF NEWTON		CYPRESS ST	
62012 0001	MONTROSE INC TR	15	CYPRESS ST	
65019 0006	LUPRIORE LEONARD J TR	40	CYPRESS ST	
61026 0012	HONIG NANCY MARK	62	DALTON RD	
61026 0005	NEIBERG RUTH N TR	72	DALTON RD	
61025 0004	LAPP LAURENCE & BARBARA TRS	75	DALTON RD	
61026 0011	KULDELL SCOTT B & NATALIE H	78	DALTON RD	
61025 0005B	DALE RICHARD M	83	DALTON RD	
61026 0010	DUBIN STEVEN B	86	DALTON RD	
73034 0003	COOPER MARGARET L		EAST BOULEVARD RD	
73044 0007	WHITE ROBERT	127	EASTBOURNE RD	
73044 0008	ANSELME JEAN PIERRE & MARIE CELINE	133	EASTBOURNE RD	
73043 0005A	BOISSEAU MARY ANN	136-138	EASTBOURNE RD	138
73043 0005	BRANCATO JEFFREY M	136-138	EASTBOURNE RD	136
73043 0004	JOE SELENA P	140-142	EASTBOURNE RD	
73044 0009	AGOSTINELLI LILIA T	141-143	EASTBOURNE RD	
73043 0003A	GOLDSTEIN JESSE	144-146	EASTBOURNE RD	146
73043 0003	SICURANZA LEO P	144-146	EASTBOURNE RD	144
73043 0002	MCGINLEY JAMES D	150	EASTBOURNE RD	
73044 0010	KATZ JERROLD P & BRENDA R	155	EASTBOURNE RD	
61025 0006	AUSLANDER MAURICE & BERNICE L	16	EVERETT ST	
61026 0009	BIDDLE R MARK	26	EVERETT ST	
61028 0007	JOSEPH ANDREW F & BARBARA N	35	EVERETT ST	
61026 0008	SCARBOROUGH JAMIE TR	38	EVERETT ST	
61028 0008	SHAFIR JEREMIAH A & LORNA C	41	EVERETT ST	
61028 0009	MICHEELS ELIZABETH	45	EVERETT ST	
61027 0011	LIN LI-LI	50	EVERETT ST	
61028 0010	HURLIMANN MARTIN D	51	EVERETT ST	
61028 0011	GOLDMAN JULIAN M	57	EVERETT ST	
61027 0010	SABATINI BERNARDO & MARY	58	EVERETT ST	
61029 0016A	NEWTON CONSERVATORS INC		GIBBS ST	
61028 0006	MARGULIS THOMAS N	106	GIBBS ST	
61029 0016	EMMETT ROBERT M C	111	GIBBS ST	
61024 0007	BARKER DONALD P TR	212	GRANT AVE	
61025 0007	JACOBSON JOSEPH M & SHARON L B	223	GRANT AVE	
61024 0006	SHIKH IGOR & YULIYA	230	GRANT AVE	
61025 0005	HELD BARBARA P & LAURANCE S	233	GRANT AVE	

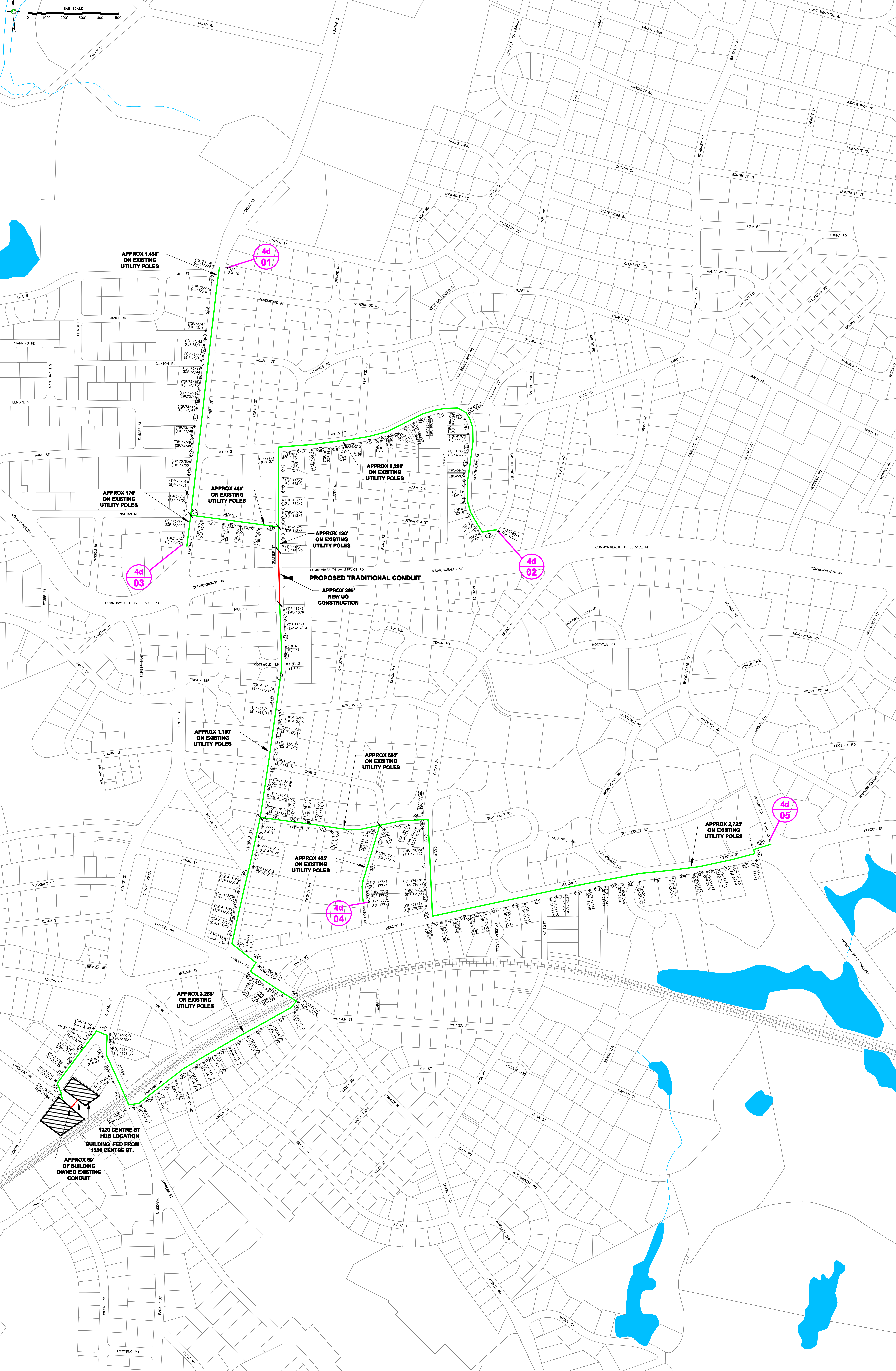
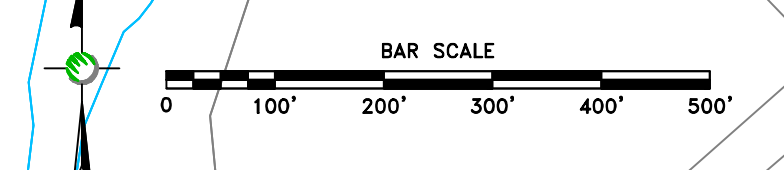
SBL	Owner	Number	Street	Unit
61024 0005	SAMET JERRY H	238	GRANT AVE	
61025 0005A	FLUSBERG MARTIN	241	GRANT AVE	
61025 0001	LIEFF JONATHAN	251	GRANT AVE	
61035 0006	ROTHMAN GEORGE & STUART J TRS	17-31	HERRICK RD	
61035 0007	ROTHMAN GEORGE & STUART J TRS	39	HERRICK RD	
61037 0012	VALLEY KATHLEEN L	52	HERRICK RD	1
61037 0012A	POLZER JEFFREY T	52	HERRICK RD	2
65019 0008	LOGALBO MARY M	55	HERRICK RD	
61033 0013	SHERBURN REALTY LLC	36-46	LANGLEY RD	
61036 0006	PICCLANG LLC	47-61	LANGLEY RD	
61038 0002	CAHALY GAIL TR	74-78	LANGLEY RD	
61038 0003	BARATZ BARBARA	80	LANGLEY RD	
61037 0001	FELDMAN M RUSSEL	85	LANGLEY RD	
61039 0018	SLATTERY PATRICK J TR	92	LANGLEY RD	
73030 0007	LIEBERMAN MOSHE & SORO A	32	LORING ST	
13034 0004	VALLE GRACE ALICE WARREN TR	63	NATHAN RD	
73048 0025	GRABOW STEPHEN D	4-6	SUMNER ST	
73048 0024	AUTY CAROLYN F	10-12	SUMNER ST	10
73048 0024A	BIERBAUM AMY B	10-12	SUMNER ST	12
73048 0023	SOMERVILLE RICHARD C	14-16	SUMNER ST	
73049 0005	REV KLARA & AGNES TRS	15	SUMNER ST	
73048 0022A	GOODSON DAVID Z	18-20	SUMNER ST	2
73048 0022	MEYER JOHN & LAURA	18-20	SUMNER ST	1
73049 0006	BROWN LARRY R & BARBARA LAPIDAS-	25	SUMNER ST	
73048 0021	PACKARD CHRISTOPHER A	28	SUMNER ST	
73048 0020	MCDONALD SEAN	34-36	SUMNER ST	
73048 0018	DAYNARD JODI P	38	SUMNER ST	
73048 0017	LIU LEEANN	42-44	SUMNER ST	
73048 0016	VENKATESH RASHMI	48	SUMNER ST	
61001 0001	FIGLER JODI A	63	SUMNER ST	
61002 0014	MESCH BARRY & CARYL L	64	SUMNER ST	
61002 0013	SIMON SUSAN GRANETZ & JEROME H	70	SUMNER ST	
61030 0005	FUCHS JOB E	75	SUMNER ST	1
61002 0012	BRETTLER MARC & MONICA ROSNER	76	SUMNER ST	
61030 0006	WEINSTEIN HOWARD J	83	SUMNER ST	
61002 0011	LEVITON ALAN & ROBERTA TRS	84	SUMNER ST	
61030 0007	KLIGER HERBERT L TR	87	SUMNER ST	
61002 0010	ALEXANDER KAY EDWARD & MARY JO	90	SUMNER ST	
61002 0009	FREEMAN DAVID L & AMANDA B	98	SUMNER ST	
61030 0010	MOGHADAM NASRIN Y	99	SUMNER ST	
61030 0011	KEHLMANN GLENN S	105	SUMNER ST	
61002 0008	WHITE BARRY B & ELEANOR G	106	SUMNER ST	
61030 0012	SHANAHAN MICHAEL	115	SUMNER ST	
61029 0001	TSAFRIR JUDY S	120	SUMNER ST	
61030 0013	LINK MARK S	123	SUMNER ST	
61029 0025	ABELSON HAROLD & LYNN	126	SUMNER ST	
61030 0014	CARROLL DAVID J & ELIZABETH D W	131	SUMNER ST	
61029 0024	STEVENS PETER A	134	SUMNER ST	
61031 0013	MAGNANI JANET R	139	SUMNER ST	
61028 0001	CAMPBELL LEE	140	SUMNER ST	

SBL	Owner	Number	Street	Unit
61031 0014	MIRACKY WILLIAM F	147	SUMNER ST	
61028 0013	PINCUS ALAN	148	SUMNER ST	
61031 0015	HAMILTON STEPHEN P	155	SUMNER ST	
61028 0012	OGAWA JUNKO	156	SUMNER ST	
61031 0016A	MAHMOOD ASHFAQ	161-163	SUMNER ST	2
61031 0016	SWEENEY LINDA M	161-163	SUMNER ST	1
61027 0009	KEARSLEY HENRY M	166	SUMNER ST	
61027 0008A	WALSH BARBARA J TR	170-172	SUMNER ST	
61027 0008	SCANLON MEGHAN	178-180	SUMNER ST	
61027 0007	ROTH SAMUEL C	190	SUMNER ST	
61033 0009	CUSHNER LEONARD A & TEMA J TRS	191	SUMNER ST	
61027 0006	THEODORE GEORGE S	192-194	SUMNER ST	
61033 0010	NEWTON COMMUNITY DEVELOPMENT	195	SUMNER ST	
61033 0010Y	NEWTON COMMUNITY DEV FOUND	195	SUMNER ST	
61033 0010Z	NEWTON COMMUNITY DEV FOUNDATION	195	SUMNER ST	
61027 0005	THEODORE GEORGE S	196-198	SUMNER ST	
61027 0004	FINLAYSON MARGARET MARIE	200-204	SUMNER ST	
61027 0003	DAVIS LAUREL ELIZABETH	206	SUMNER ST	1
61027 0003F	BERKOWITZ JONATHAN	206	SUMNER ST	7
61027 0003A	KOZAR KEVIN M	206	SUMNER ST	2
61027 0003B	WHALEN STEPHEN M & ELISABETH J	206	SUMNER ST	3
61027 0003C	JIN ZHEN	206	SUMNER ST	4
61027 0003D	SU YANG	206	SUMNER ST	5
61027 0003E	BERZIN ISAAC & GABRIELLA	206	SUMNER ST	6
61027 0002	ZENKER ARNOLD & BARBARA TRS	208-214	SUMNER ST	
61033 0012	SHAUGHNESSY FRED J JR	209-213	SUMNER ST	
61021 0022	DAVIS ANNE M	9	THE LEDGES RD	
61021 0021	BRENNER MICHAEL B & KAREN B	27	THE LEDGES RD	
61021 0020	DANNENBERG ALEXANDER H	33	THE LEDGES RD	
61021 0019	CLANCY STEVEN D & BONNIE A	45	THE LEDGES RD	
61021 0018	SHALOM NEAL TR	57	THE LEDGES RD	
61036 0011	MASS BAY TRANS AUTHORITY		UNION ST	
61036 0011B	MASS BAY TRANS AUTHORITY		UNION ST	
61036 0011C	MARRY GEORGE JR & NADJA N	50	UNION ST	
61036 0011A	MASS BAY TRANS AUTHORITY	70	UNION ST	
73044 0001	DJAFERIS THEODORE E	348-350	WARD ST	
73034 0002	COOPER MARGARET L	355	WARD ST	
73045 0001A	SHEMESH SASSON & SABRINA	360	WARD ST	
73045 0001	BERG SOLOMAN & JEAN D	362	WARD ST	
73047 0006	LEDANI SARITA	374	WARD ST	
73047 0005	ROSS STEPHAN TR	376-378	WARD ST	
73047 0004	GORELIK GREGORY	380	WARD ST	
73047 0003	FREID PAUL E	382	WARD ST	
73047 0002	MALLOY PATRICIA & IONE	384	WARD ST	
73032 0001	TEMPLE EMANUEL	385	WARD ST	
73047 0001	SHAPIRO ARLINE TR	386	WARD ST	
73048 0001	MEDOFF IRVING J & PHYLLIS	396	WARD ST	
73048 0044	BERRIN SUSAN R	400	WARD ST	
73048 0043	MILLMAN REBECCA	404	WARD ST	
73031 0005	CHEN ANDREW	407	WARD ST	

SBL	Owner	Number	Street	Unit
73031 0006	ABELES LISA J TR	415	WARD ST	
73048 0028	GAVISH AMNON & KARIN	420-422	WARD ST	
73031 0007	ZIBMAN ISRAEL B TR	423	WARD ST	
73031 0008	ARON LAUREN	425	WARD ST	
73048 0027	ROSENTHAL CLAIRE I & ROBERT	426-428	WARD ST	
73048 0026	SNYDER ELISABETH	430-432	WARD ST	
73030 0006	SHEIN CHERAY G & DAVID M	441	WARD ST	
73049 0004	DEL PORTO ELVA SHEIN TR	448	WARD ST	
73048 0042A	BURDENKO IRINA & IGOR	6 - 8	WESSEX RD	8
73048 0042	DONOVAN PATRICK J & FARAHNAZ	6 - 8	WESSEX RD	6
73044 0015	BECK BRUCE A		WESTBOURNE RD	
73045 0002	GONDELMAN ADAM R	7	WESTBOURNE RD	
73045 0003	SADOVNIK ISAAC	9-11	WESTBOURNE RD	
73044 0016	BECK BRUCE A	10-12	WESTBOURNE RD	
73045 0004	BURDENKO IGOR N & IRINA I	15-17	WESTBOURNE RD	
73045 0005	BOOKBINDER STEPHEN M & SUSAN R	21	WESTBOURNE RD	
73044 0014	SHAHROOZ FARSHAD & NANCY L	22	WESTBOURNE RD	
73045 0006	GOLÉNBURG MARVIN	25-27	WESTBOURNE RD	
73044 0013	NAJAVITS LISA	28	WESTBOURNE RD	
73045 0008	JANE LORNA L	31	WESTBOURNE RD	
73044 0012	ENGELBOURG CHARLOTTE	34	WESTBOURNE RD	
73045 0009	ZAKIM LEONARD & JOYCE	37	WESTBOURNE RD	
73044 0011	DAD CONSTRUCTION CO INC	40-42	WESTBOURNE RD	
73045 0010	OBRIEN A MARC & SALLY C	45	WESTBOURNE RD	
73045 0011	NORTHRUP DAVID & NANCY	51	WESTBOURNE RD	
73045 0012	DAVIS WILLIE J & CAROLYN S	59-61	WESTBOURNE RD	
61031 0001	DAVIS G RUBY TR	40	WILLOW ST	

LEGEND:

- ⊗ POLE
- ⊕ SPAN
- ▲ PROP. NEXTG LIGHT POLE NODE
- ◀ PROP. NEXTG WOOD POLE NODE
- ⊙ EXIST. NEXTG LIGHT POLE NODE
- ⊕ EXIST. NEXTG WOOD POLE NODE
- PROP. AERIAL PATHWAY
- PROP. BURIED PATHWAY
- - - EXIST. MICRO TRENCH
- - - EXIST. AERIAL/BURIED PATHWAY
- EXIST. LEASED CONDUIT
- - - PROPOSED VDC



NOTES:

PREPARED FOR: NextG Networks

PREPARED BY: UC SYNERGETIC  
INTEGRATIVE TECHNOLOGIES - ENGINEERING SOLUTIONS  
803 WEST STREET  
MANFIELD, MA 02048  
www.ucsynergistic.com 1-800-281-4989

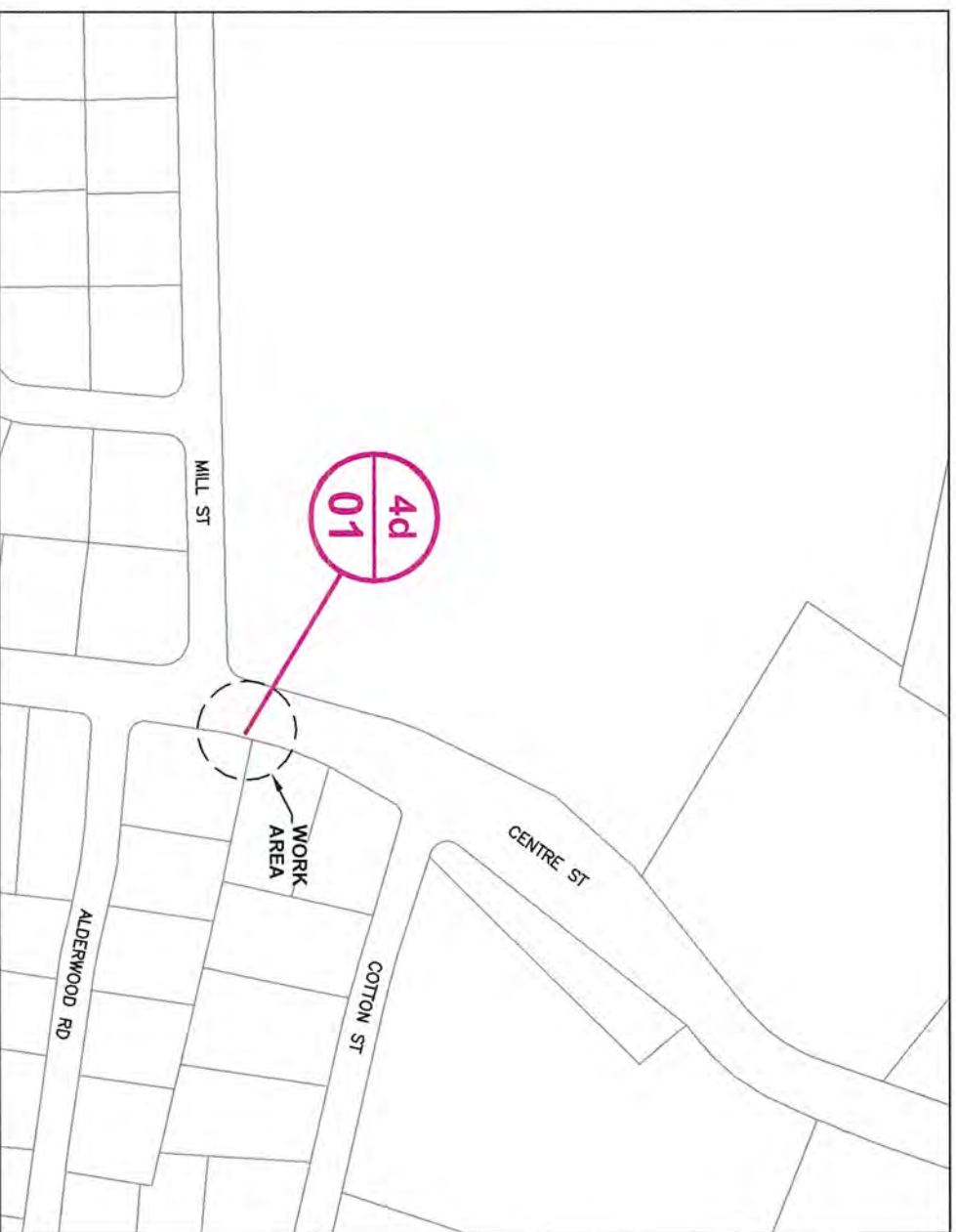
JOB: NEXTG NETWORKS  
NEWTON, MA  
STRAND MAP - NEW NODES

REV	DESCRIPTION	DATE
1	ADDED PROPOSED VDC (MPO)	02/03/11

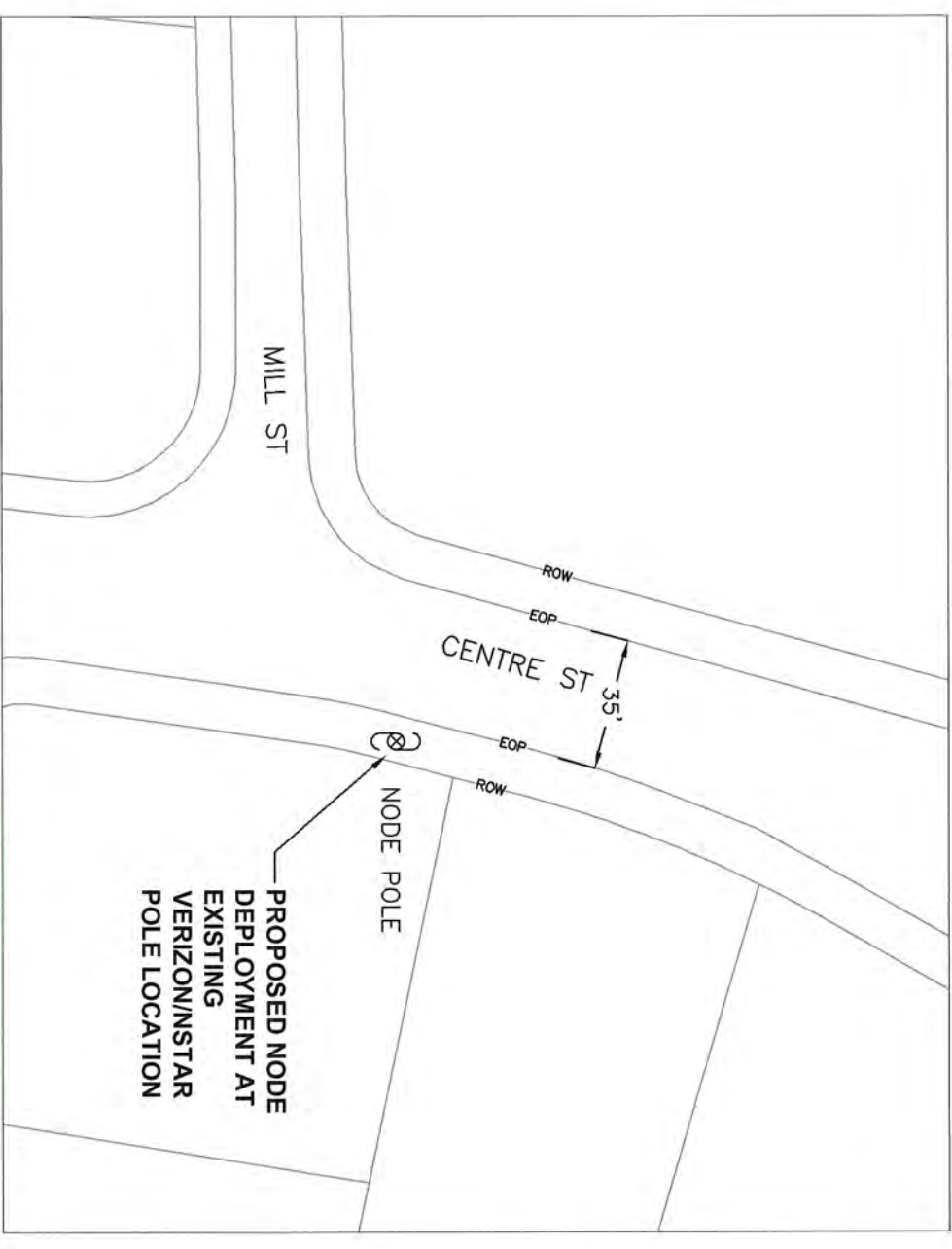
DRAFTER:	NAM
ENGINEER:	UCI
SCALE:	N.T.S.
DRAWING NAME:	NEWTON STRAND MAP.DWG
ISSUE DATE:	01/07/11
SHEET:	1 OF 1



**NEXTG - NEWTON, MA - MPC1045A MANTN  
 MICRO-CELL/NODE DEPLOYMENT  
 CITY OF NEWTON, MIDDLESEX COUNTY, MASSACHUSETTS**



**LOCATION MAP**  
 LATITUDE: 42.34091 LONGITUDE: -71.19249  
 SCALE: 1" = 200'



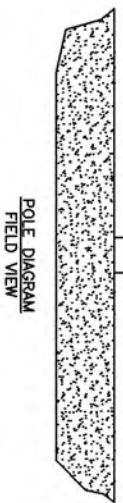
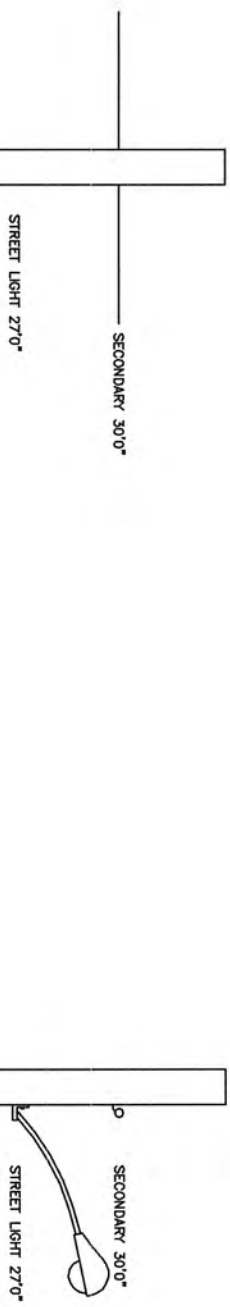
**PROPOSED NODE PLACEMENT**  
 PROJECT LOCATION - SITE# 4D-01  
 SCALE: 1" = 50'

NOTE: RIGHT OF WAY AND CENTERLINE  
 INFORMATION TAKEN FROM CITY OF NEWTON  
 GIS DATA

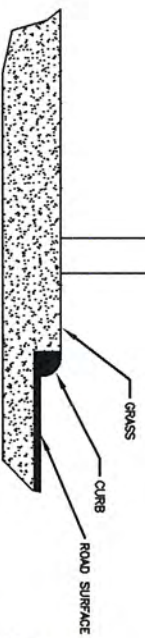


PREPARED BY: <b>UC SYNERGETIC</b> <small>INNOVATIVE THINKING. ENGINEERED SOLUTIONS.</small> 603 WEST STREET MANSFIELD, MA 02048 www.ucsynergetic.com 1-800-261-4080		TITLE: NODE 4D-01 NEWTON, MA 920 CENTRE ST	
PREPARED FOR: 		POLE INFO: NODE 4D-01	
SURVEYED BY: UCS	PRINT NO: 1 OF 6	DATE: 07/05/11	
DRAWN BY: FL	REVISIONS:	SCALE: N.T.S.	

**NODE 4D-01 EXISTING POLE PROFILE**  
**920 CENTRE ST**



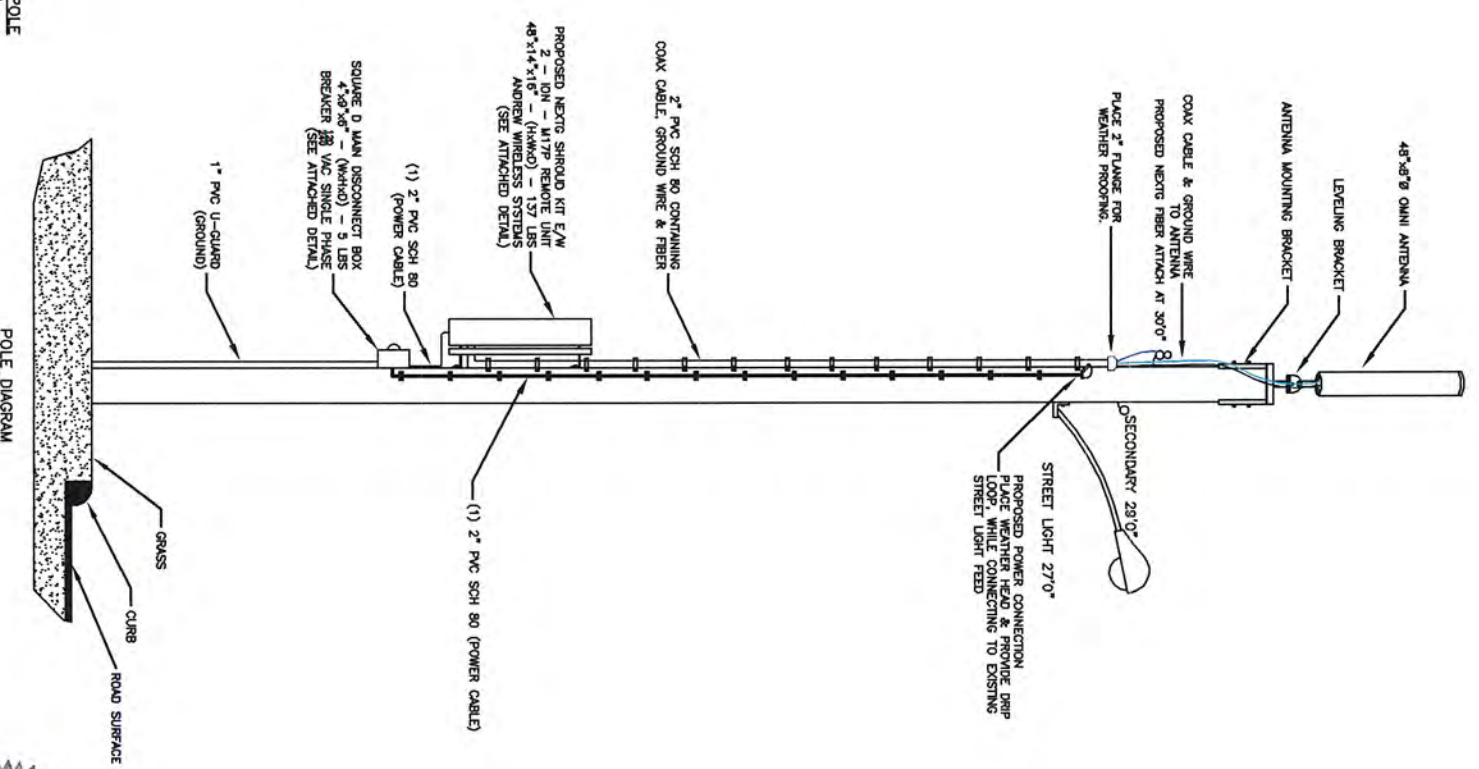
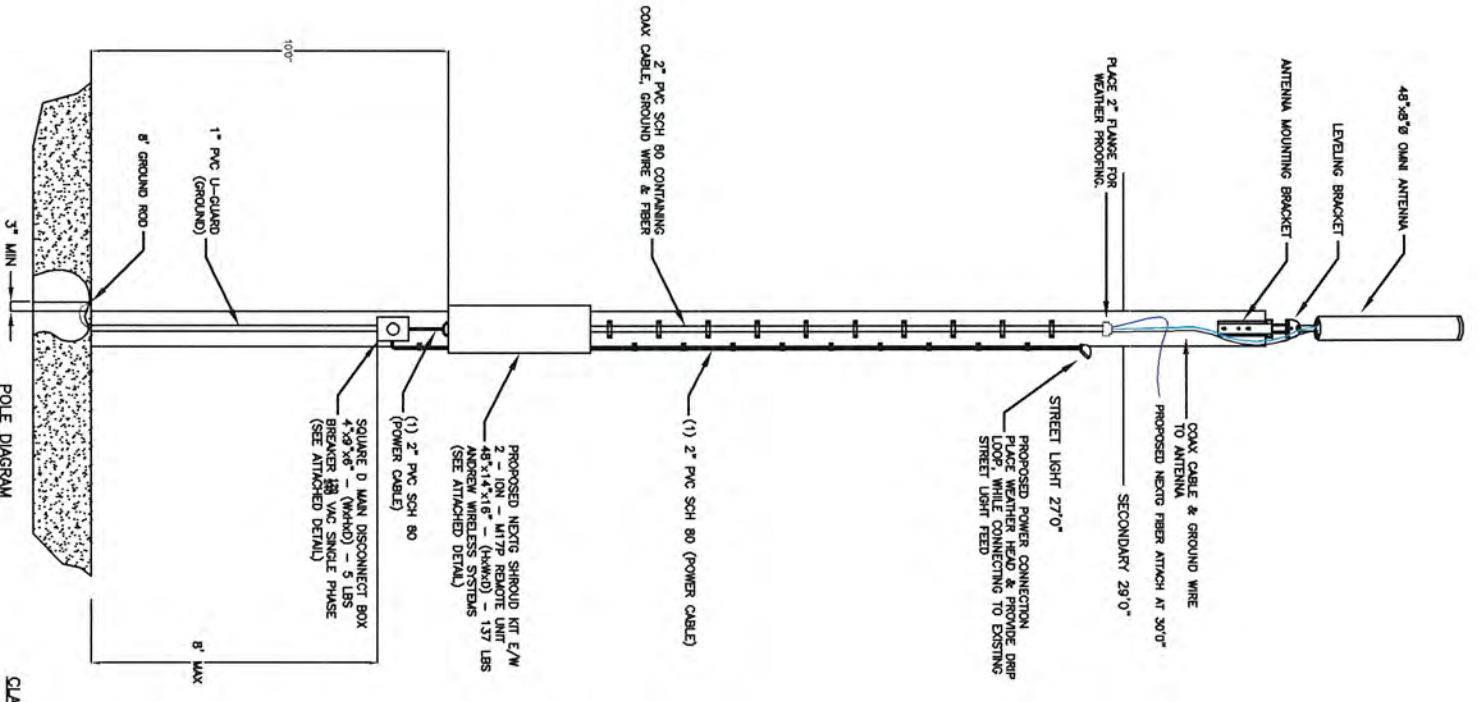
CLASS 4 (35') WOOD POLE  
 LATITUDE: 42.34091  
 LONGITUDE: -71.19249



PREPARED BY: <b>UC SYNERGETIC</b> <small>INNOVATIVE THINKING. ENGINEERED SOLUTIONS.</small> 603 WEST STREET MANSFIELD, MA 02048 1-508-261-4050 www.ucsynergetic.com		TITLE: <b>NODE 4D-01</b> NEWTON, MA 920 CENTRE ST	
PREPARED FOR: 		POLE INFO: SURVEYED BY: UCS PRINT NO: 2 OF 6 DRAWN BY: FL REVISIONS: DATE: 07/05/11 SCALE: N.T.S.	

**REFERENCE SPECIFICATIONS:**  
 Rule 235 – Clearance for wires, conductors, or cables carried on the same supporting structure  
 Rule 235.1 – Clearance in any direction from supply line conductors to communication antennas in the supply space attached to the same supporting structure  
 1 – General: Comm antennas located in the supply space shall be installed and maintained only by personnel authorized and qualified to work in the supply space

**NODE 4D-01 EXISTING POLE PROFILE  
 WITH METER  
 920 CENTRE ST**



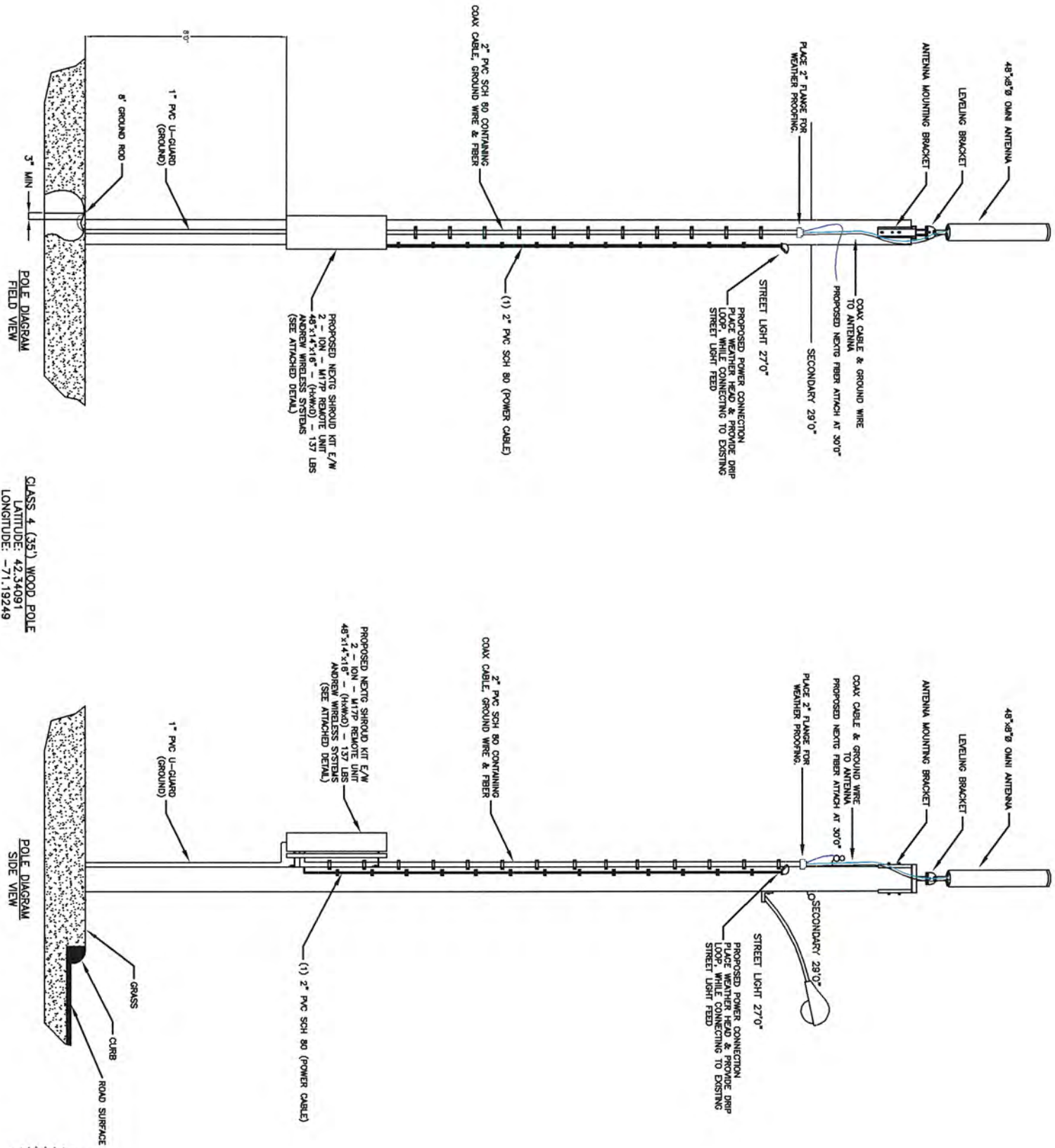
CLASS 4 (3S) WOOD POLE  
 LATITUDE: 42.34091  
 LONGITUDE: -71.19249



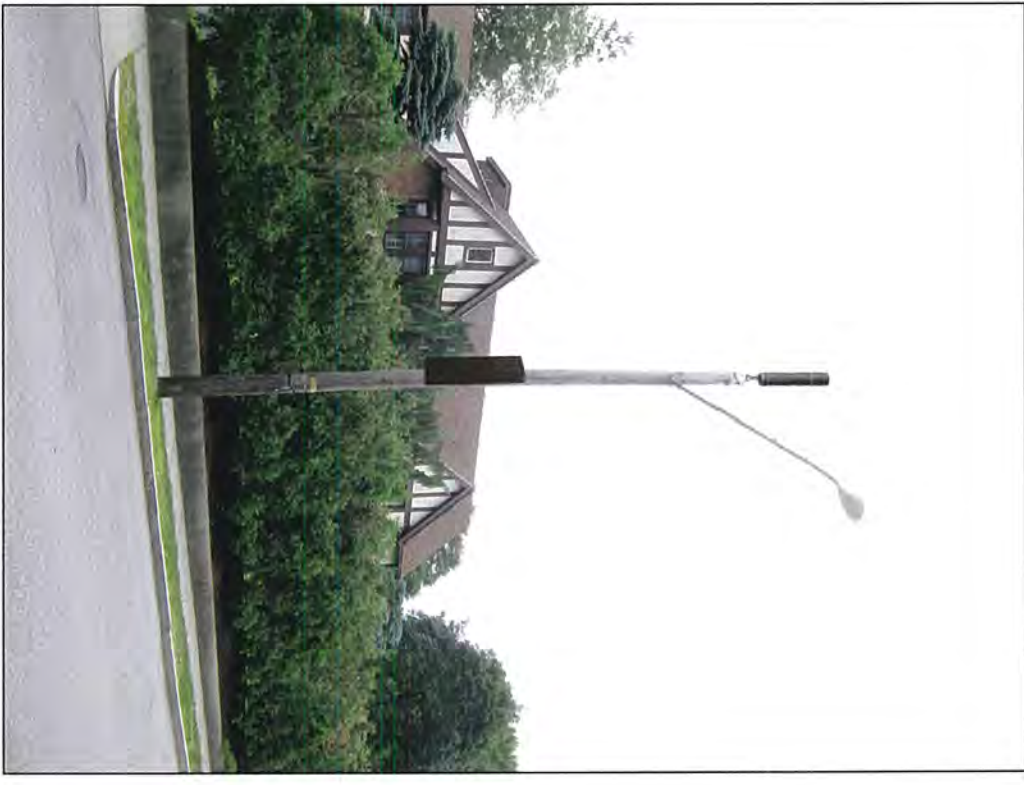
PREPARED BY: <b>UC SYNERGETIC</b> INNOVATIVE THINKING. ENGINEERED SOLUTIONS. 603 WEST STREET MANSFIELD, MA 02048 www.ucsynergetic.com 1-508-261-4000	TITLE: <b>NODE 4D-01</b> NEWTON, MA 920 CENTRE ST
PREPARED FOR: <b>Nectra Networks</b>	POLE INFO: CLASS: CLASS 4 (3S) WOOD POLE LATITUDE: 42.34091 LONGITUDE: -71.19249
SUBMITTED BY: UCS DRAWN BY: FL DATE: 07/05/11	PRINT NO: 3 OF 6 REVISION: SCALE: N.T.S.

**REFERENCE SPECIFICATIONS:**  
 Rule 235 – Clearance for wires, conductors, or cables carried on the same supporting structure  
 Rule 235.1 – Clearance in any direction from supply line conductors to communication antennas in the supply space attached to the same supporting structure  
 1 – General: Comm antennas located in the supply space shall be installed and maintained only by personnel authorized and qualified to work in the supply space

**NODE 4D-01 EXISTING POLE PROFILE  
 WITHOUT METER  
 920 CENTRE ST**



CLASS 4 (35) WOOD POLE  
 LATITUDE: 42.34091  
 LONGITUDE: -71.19249

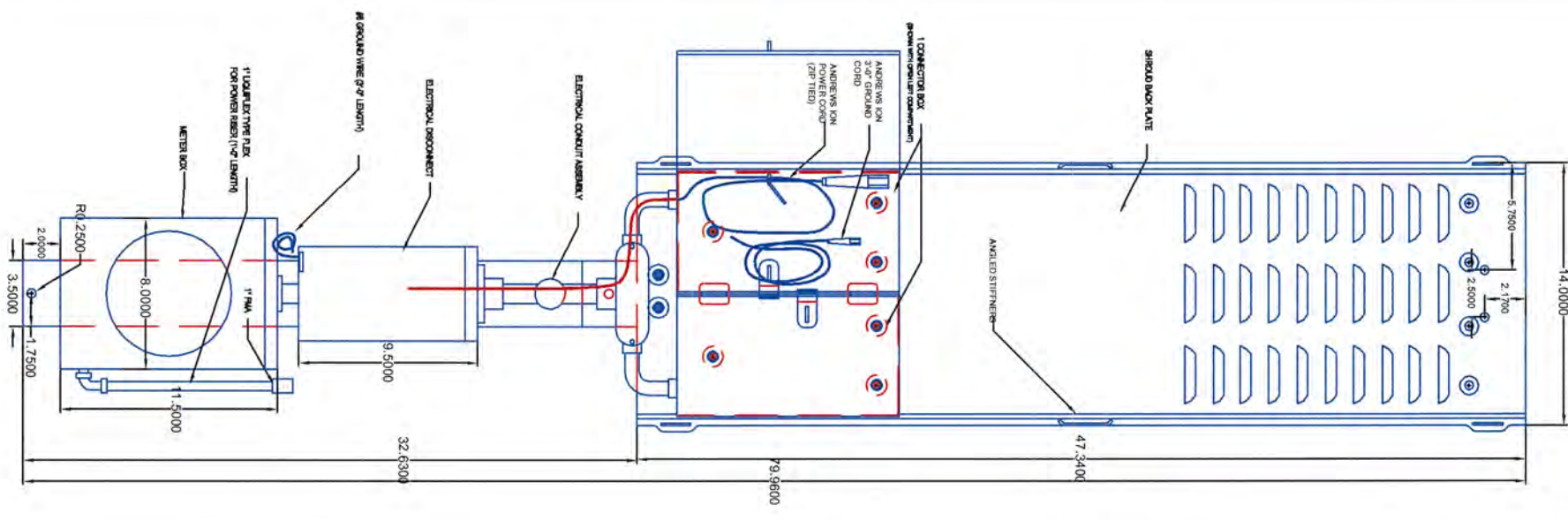


**\*PHOTO SIMULATION\***

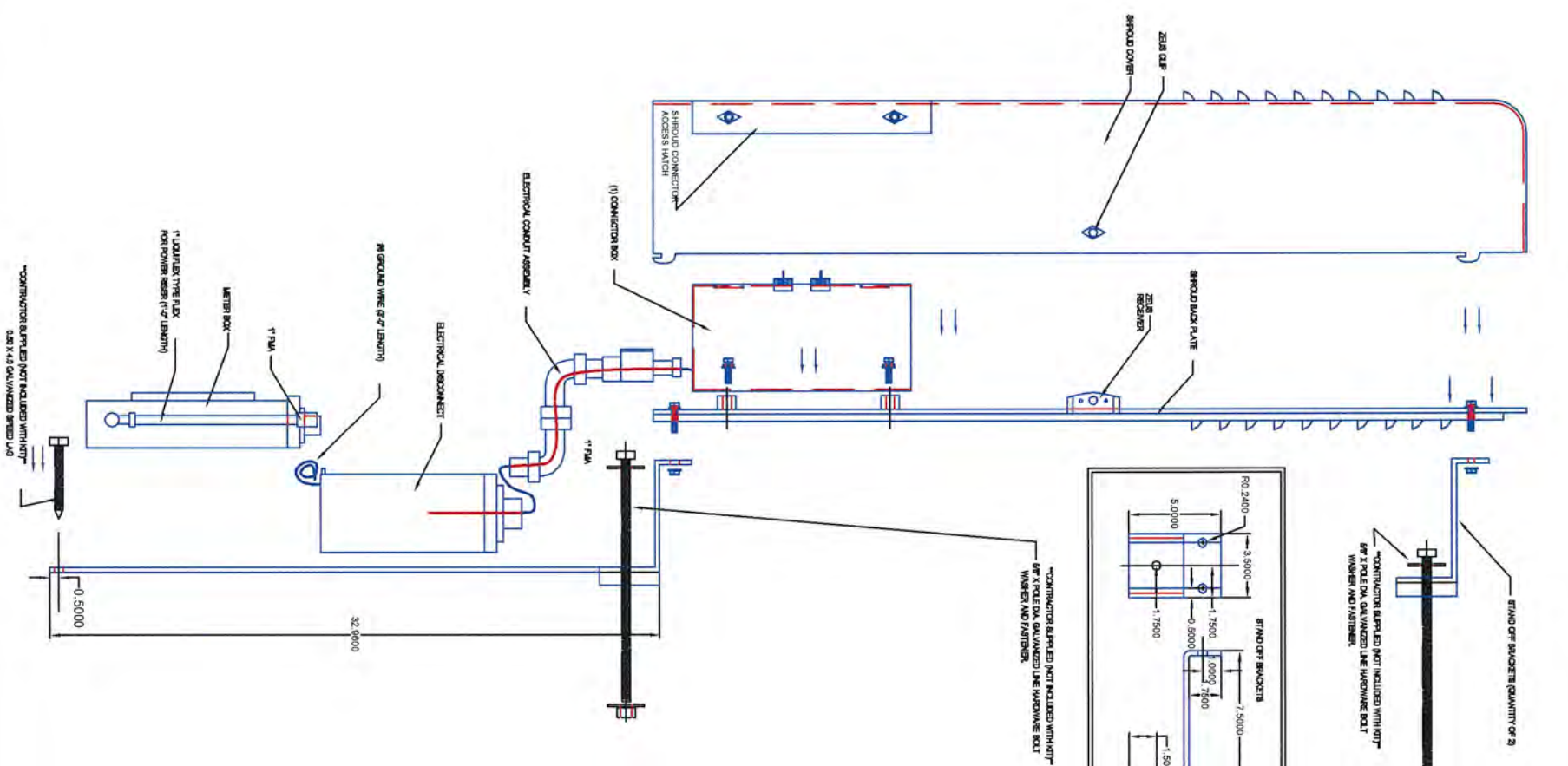


PREPARED BY: <b>UC SYNERGETIC</b> <small>INNOVATIVE THINKING. ENGINEERED SOLUTIONS.</small> 603 WEST STREET MANSFIELD, MA 02048 www.ucsynergetic.com 1-800-261-4100	DATE: 07/05/11
DRAWN BY: FL REVISIONS:	SCALE: N.T.S.
SURVEYED BY: UCS PRINT NO: 4 OF 6	NODE 4D-01 NEWTON, MA 920 CENTRE ST

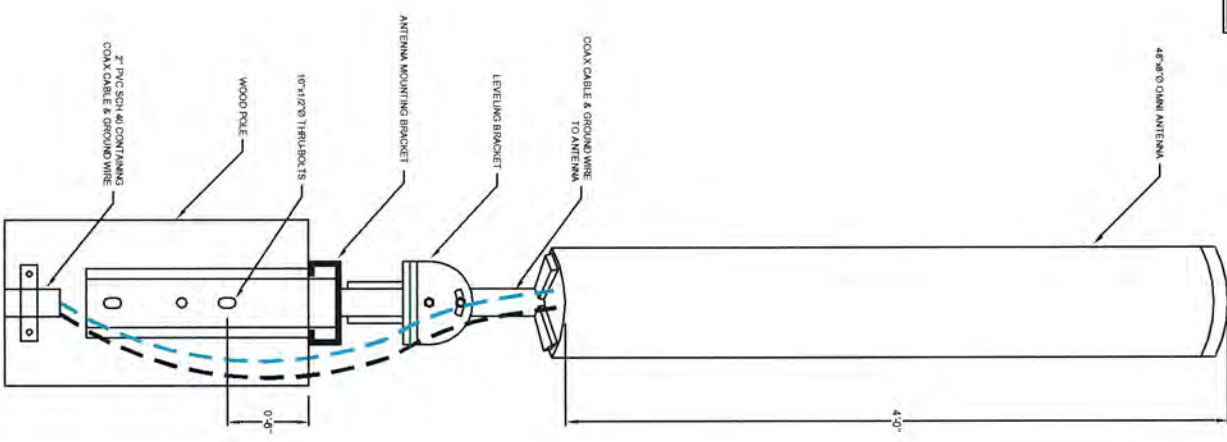
**FRONT VIEW**  
(WITH COVER REMOVED)



**ASSEMBLY**



**ANTENNA DETAIL**  
(SIDE VIEW)



**SPECIFICATIONS**

ITEM	WEIGHT	OVERALL DIMENSIONS
		WIDTH HEIGHT DEPTH
METER	2 LBS	11\"/>
DISCONNECT	-	5\"/>
ION	31 LBS	-
5' ENCLOSURE (WITH INTERNAL METER, DISCONNECT & (2) IONS)	127 LBS	14\"/>
4' ENCLOSURE	127 LBS	14\"/>
48\"/>		
26\"/>		
LEVELING KIT FOR POLE TOP EXTENSION	16 LBS	-
POLE TOP EXTENSION MOUNTING BRACKET	31 LBS	-
POLE TOP EXTENSION	28 LBS	8\"/>
36\"/>		
THROUGH BOLTS (10\", 12\" & 14\")	12.5 LBS	-
FLUSH MOUNT WITH LEVELING BRACKET	39 LBS	-
SHROUD (WITH METER, DISCONNECT & (2) IONS)	128 LBS	-
METER	-	-
METER	-	-
METER	-	-

**SHROUD KIT SHROU7**

ITEM #	QTY	DESCRIPTION	HP PART #	VEBIONS
1	1	SHROUD 36\"/>		
2	1/2	ALUMINUM CORD CONNECTORS	ROBERT F. CHAPMAN	APRLETON
3	2	1/2\"/>		
4	1	ALUMINUM PLATE 3\"/>		
5	2	BRACKET POLE STANDOFF	ONE SOURCE	ALBENS FASTENERS
6	10	8MM X 1.25MM STAINLESS STEEL BOLT	ALBENS FASTENERS	ALBENS FASTENERS
7	10	8MM STAINLESS STEEL FLAT WASHER	ALBENS FASTENERS	ALBENS FASTENERS
8	10	8MM STAINLESS STEEL LOCK WASHER	ALBENS FASTENERS	ALBENS FASTENERS
9	4	1/2\"/>		
10	8	1/2\"/>		
11	4	1/2\"/>		
12	4	1/2\"/>		
13	1	LOAD CENTER, 2 POSITION 70A	SQUARE D	SQUARE D
14	1	BREAKER, SINGLE PULL, 15 AMP	SQUARE D	SQUARE D
15	1	HUB, 1\"/>		
16	1	MAIL BANK, METER SOCKET	ML BANK	ML BANK
17	1	HUB, 1\"/>		
18	1	1\"/>		
19	1	1\"/>		
20	2	BUSHING, REDUCING 1\"/>		
21	2	SWEEP, 1\"/>		
22	1	NIPPLE, 1\"/>		
23	2	1/2\"/>		
24	2	1/2\"/>		
25	1	1\"/>		
26	4	LOCK RING, 1\"/>		
27	2	LOCK RING, 3/4\"/>		
28	2	LOCK RING, 3/4\"/>		
29	2	NIPPLE, 3/4\"/>		
30	3	BUSHING, PLASTIC 3/4\"/>		
31	1	CONDUIT, LIQUIFLEX 3/4\"/>		
32	1	FITTING, LIQUIFLEX 3/4\"/>		
33	1	FITTING, LIQUIFLEX 3/4\"/>		
34	1	BUSHING, PLASTIC 1\"/>		
35	1	ADAPTER, 3/4\"/>		
36	1	#12 STRANDED WHITE WIRE	HOME DEPOT	HOME DEPOT
37	1	#12 STRANDED BLACK WIRE	HOME DEPOT	HOME DEPOT
38	1	WIRE, #6 AWG STRANDED GREEN 3FT	CEB	CEB
39	1	WIRE, #6 AWG 3/8\"/>		
40	1	8\"/>		
41	1	CUSTOM BOX	CROCKETT CONTAINER	CROCKETT CONTAINER

**SPECIFICATIONS**

— RED HIDDEN LINES Represents any line of an object that is hidden from view.  
— BLUE SOLID LINES Represents any line of an object that is visible in a particular view.  
— BLACK HIDDEN LINES Represents items that are "not" included in kit.

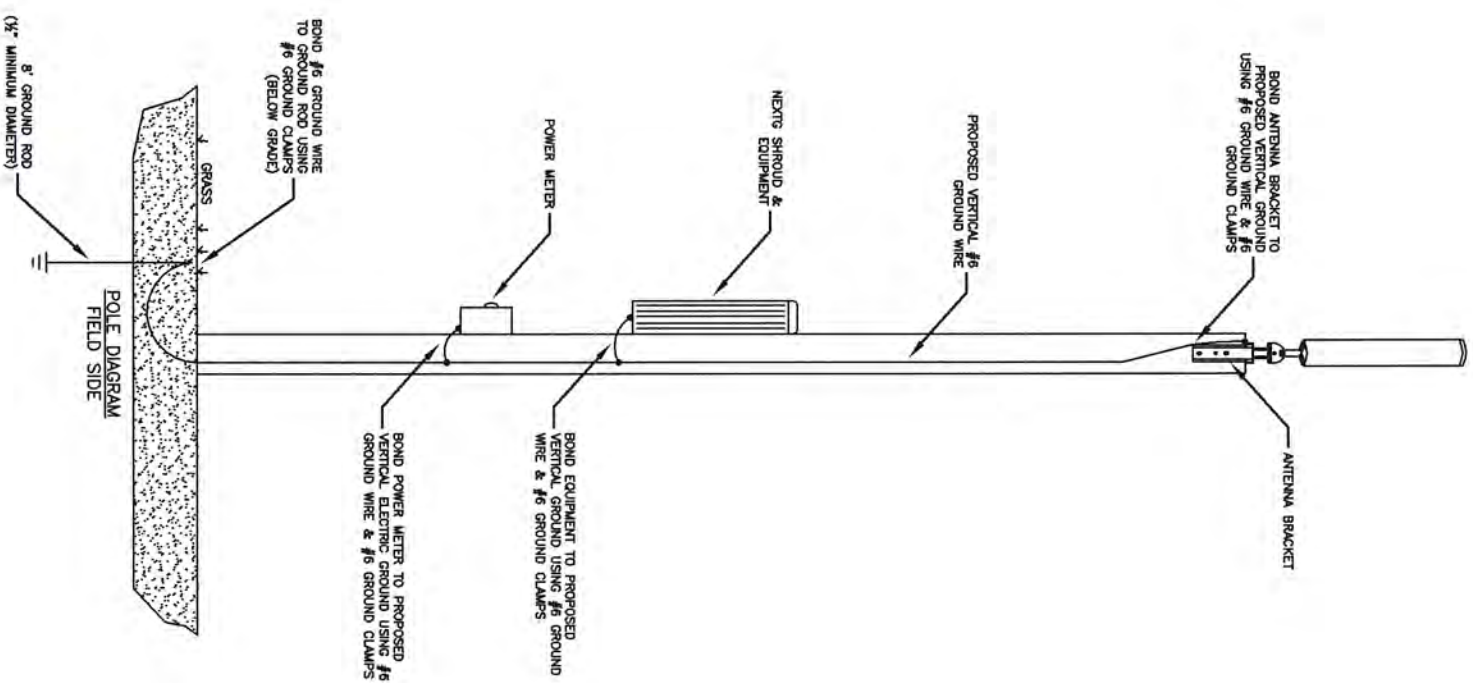
**PREPARED BY:** UC SYNERGETIC  
 INNOVATIVE THINKING. ENGINEERED SOLUTIONS.  
 603 WEST STREET  
 MANSFIELD, MA 02048  
 WWW.UCSYNERGETIC.COM 1-508-261-4060

**PROJECT:** NODE 4D-01  
 SHROUD KIT & ANTENNA DETAIL

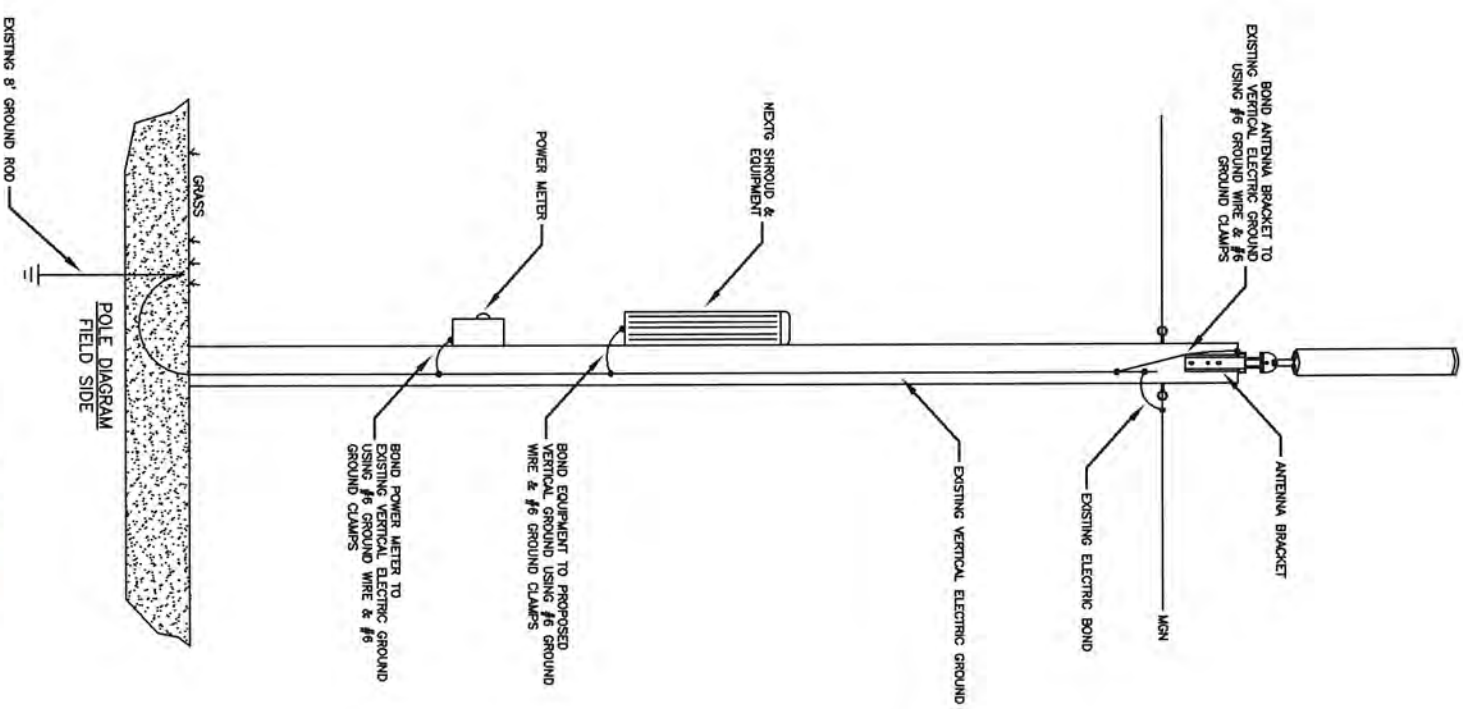
**DATE:** 07/05/11



PROPOSED VERTICAL GROUND



EXISTING VERTICAL ELECTRIC GROUND



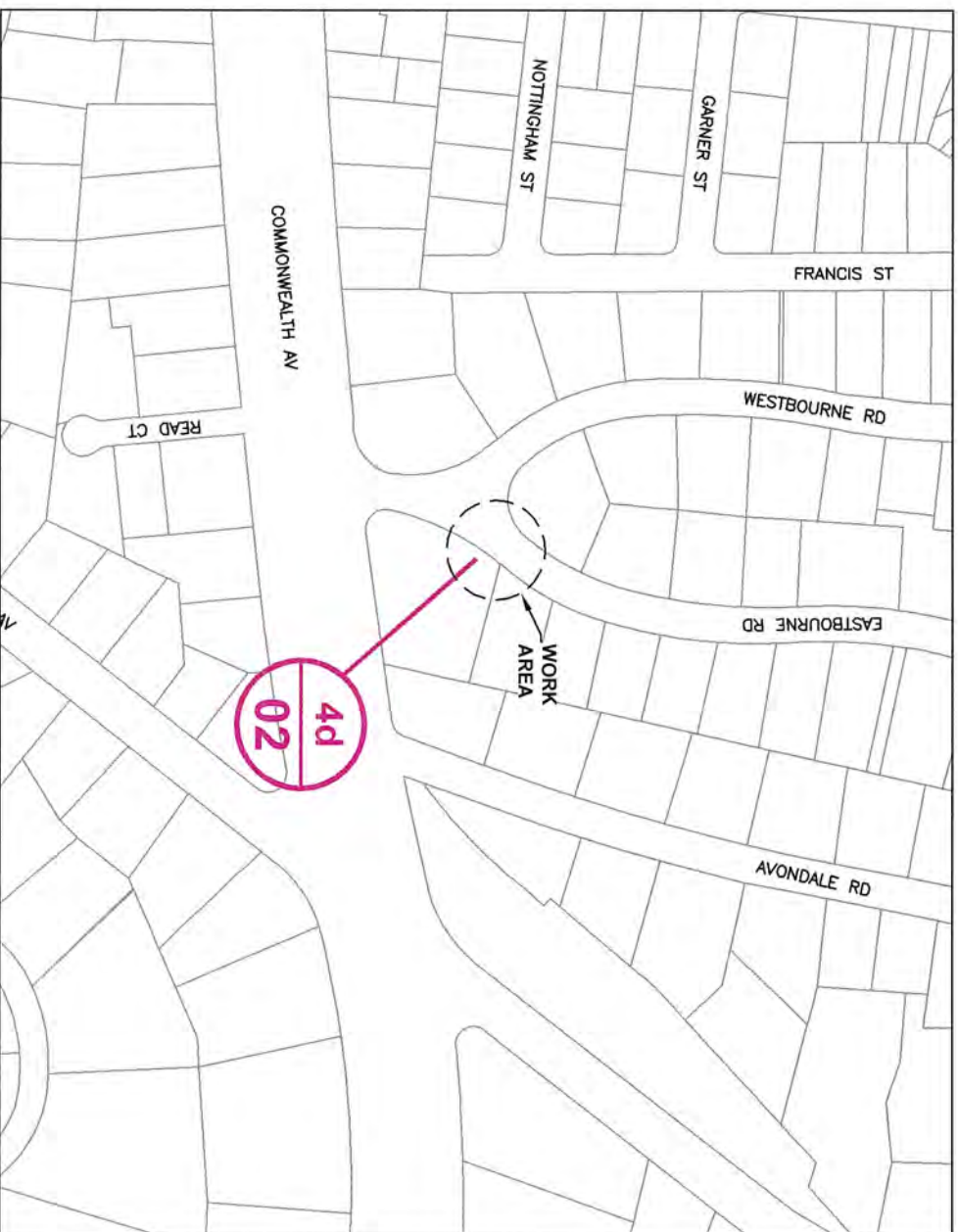
TYPICAL WOOD POLE GROUNDING DETAIL

N.T.S.

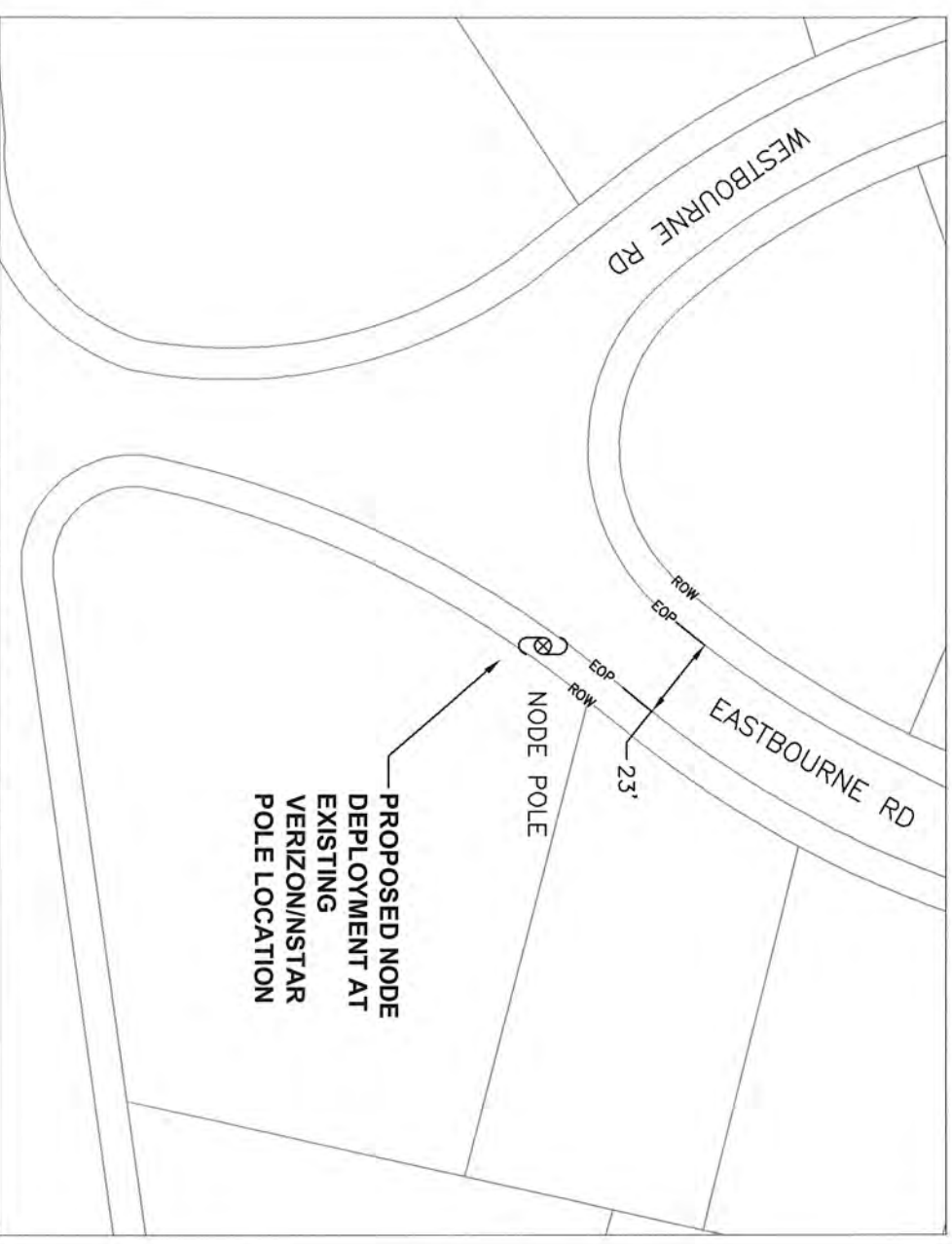


<p>PREPARED BY:  <b>UC SYNERGETIC</b>  <small>INNOVATIVE THINKING. ENGINEERED SOLUTIONS.</small>          603 WEST STREET          MAANSFIELD, MA 02048          1-800-261-4090          www.ucsynergistic.com</p>	<p>DATE: 07/05/11</p>
<p>POLE INFO:          NODE 4D-01          NEWTON, MA          GROUNDING DETAIL</p>	<p>SCALE: N.T.S.</p>
<p>SUBMITTED BY: UCS</p>	<p>PRINT NO: 6 OF 6</p>
<p>DRAWN BY: FL</p>	<p>REVISED:</p>

**NEXTG - NEWTON, MA - MPC1045A MANTN  
 MICRO-CELL/NODE DEPLOYMENT  
 CITY OF NEWTON, MIDDLESEX COUNTY, MASSACHUSETTS**



**LOCATION MAP**  
**LATITUDE: 42.33684 LONGITUDE: -71.18703**  
**SCALE: 1" = 200'**



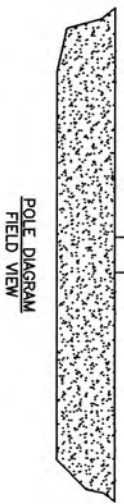
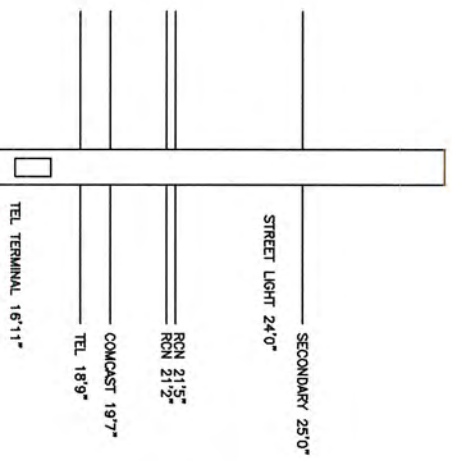
**PROPOSED NODE PLACEMENT**  
**PROJECT LOCATION - SITE# 4D-02**  
**SCALE: 1" = 50'**

NOTE: RIGHT OF WAY AND CENTERLINE  
 INFORMATION TAKEN FROM CITY OF NEWTON  
 GIS DATA



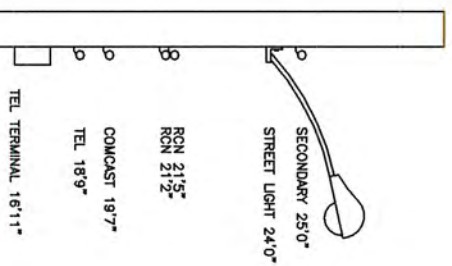
PREPARED BY: <b>UC SYNERGETIC</b> <small>INNOVATIVE TELEPHONE ENGINEERED SOLUTIONS</small> 803 WEST STREET MANSFIELD, MA 02048 www.ucsynergistic.com 1-508-261-4480	TITLE: NODE 4D-02 NEWTON, MA 150 EASTBOURNE RD
PREPARED FOR: 	POLE INFO: 150 EASTBOURNE RD
SUPERVISED BY: UCS DRAWN BY: FL DATE: 07/05/11	PRINT NO: 1 OF 6 REVISIONS: SCALE: N.T.S.

**NODE 4D-02 EXISTING POLE PROFILE**  
**150 EASTBOURNE RD**

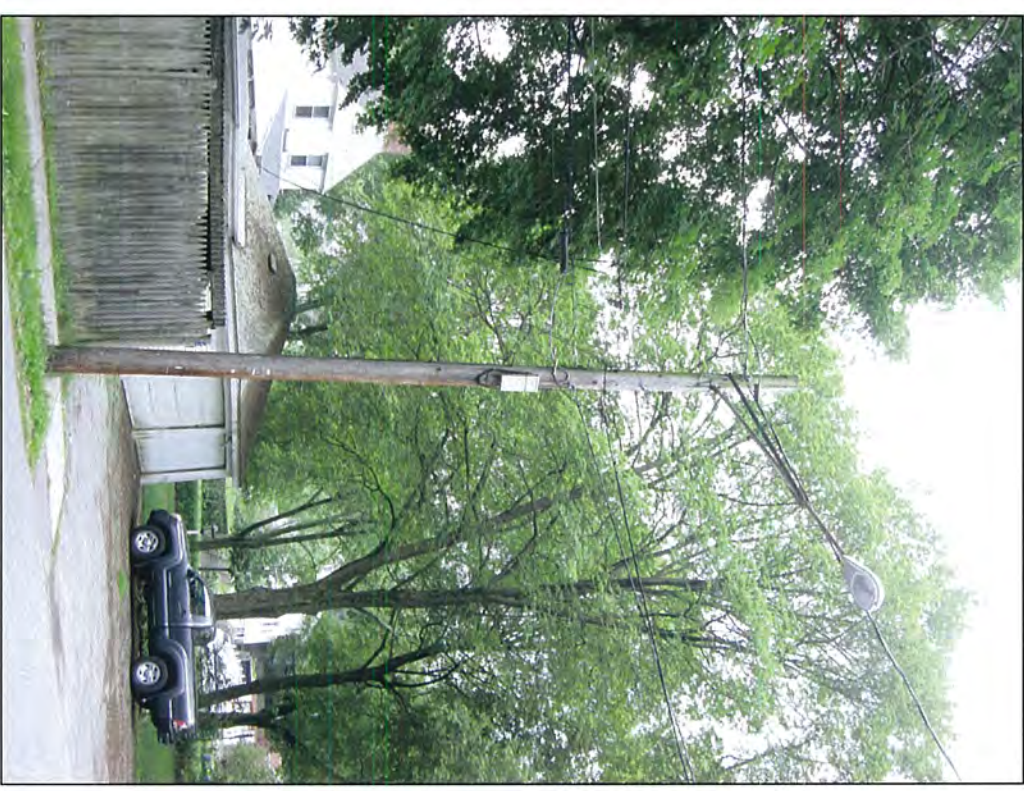


POLE DIAGRAM  
FIELD VIEW

CLASS 3 (38') WOOD POLE  
 LATITUDE: 42.33684  
 LONGITUDE: -71.18703



POLE DIAGRAM  
SIDE VIEW

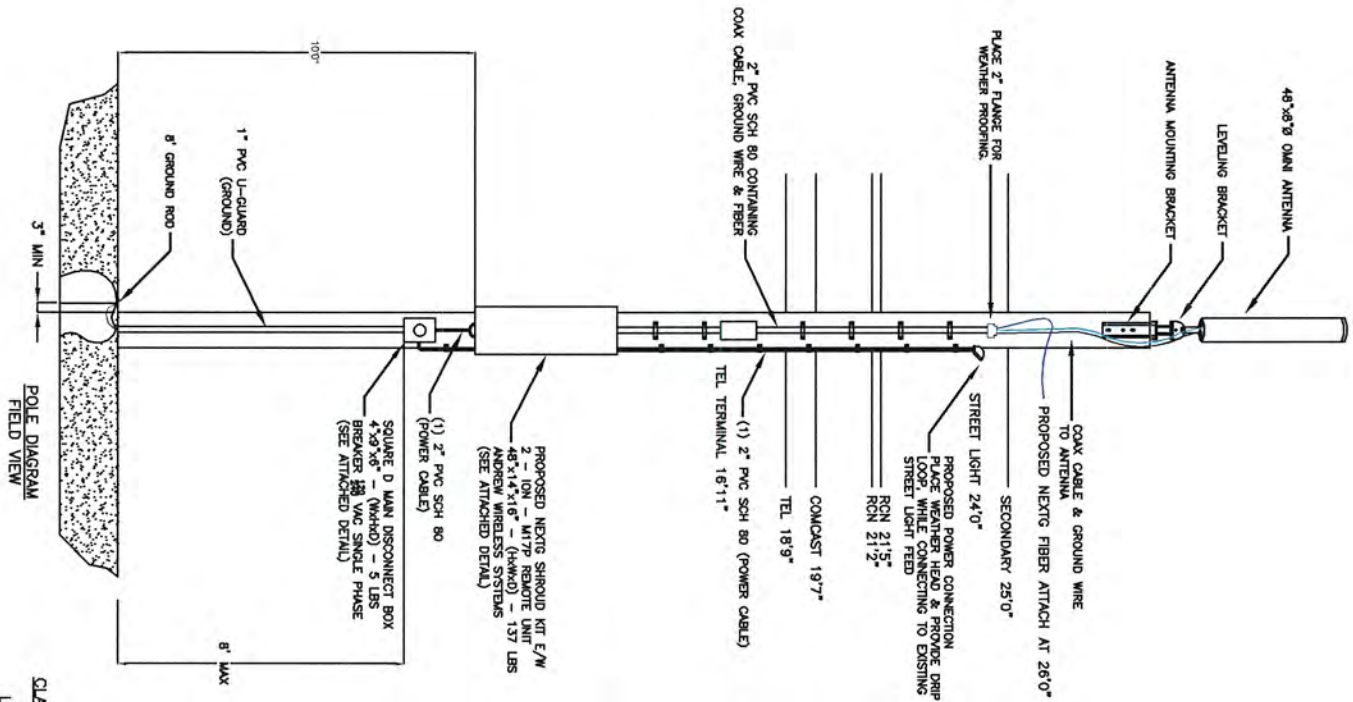


PREPARED BY: <b>UC SYNERGETIC</b> <small>INNOVATIVE THINKING - ENGINEERED SOLUTIONS</small> 803 WEST STREET MANSFIELD, MA 02048 www.ucsynergistic.com 1-508-261-4480		TITLE: <b>NODE 4D-02</b> NEWTON, MA 150 EASTBOURNE RD	
PREPARED FOR: <b>Nextg Networks</b>		SURVEYED BY: UCS PRINT NO: 2 OF 6	
DRAWN BY: FL		REVISED:	
DATE: 07/05/11		SCALE: N.T.S.	

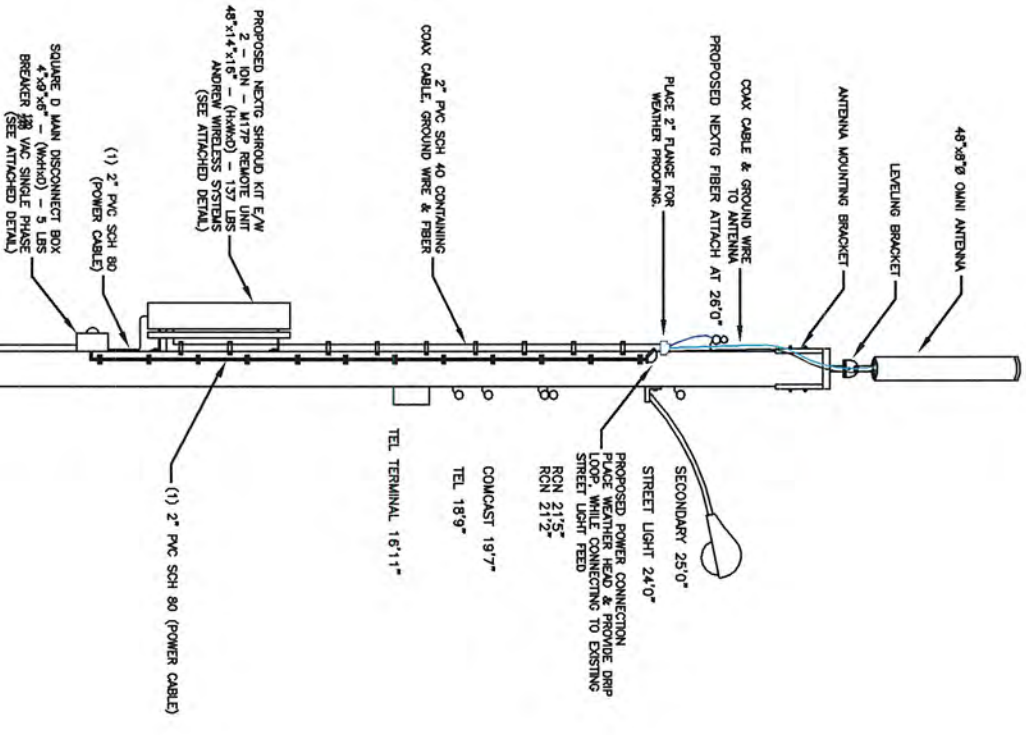


**REFERENCE SPECIFICATIONS:**  
 Rule 235 – Clearance for wires, conductors, or cables carried on the same supporting structure  
 Rule 235.1 – Clearance in any direction from supply line conductors to communication antennas in the supply space attached to the same supporting structure  
 1 – General: Comm antennas located in the supply space shall be installed and maintained only by personnel authorized and qualified to work in the supply space

**NODE 4D-02 EXISTING POLE PROFILE WITH METER**  
**150 EASTBOURNE RD**



CLASS 3 (3S) WOOD POLE  
 LATITUDE: 42.335684  
 LONGITUDE: -71.18703



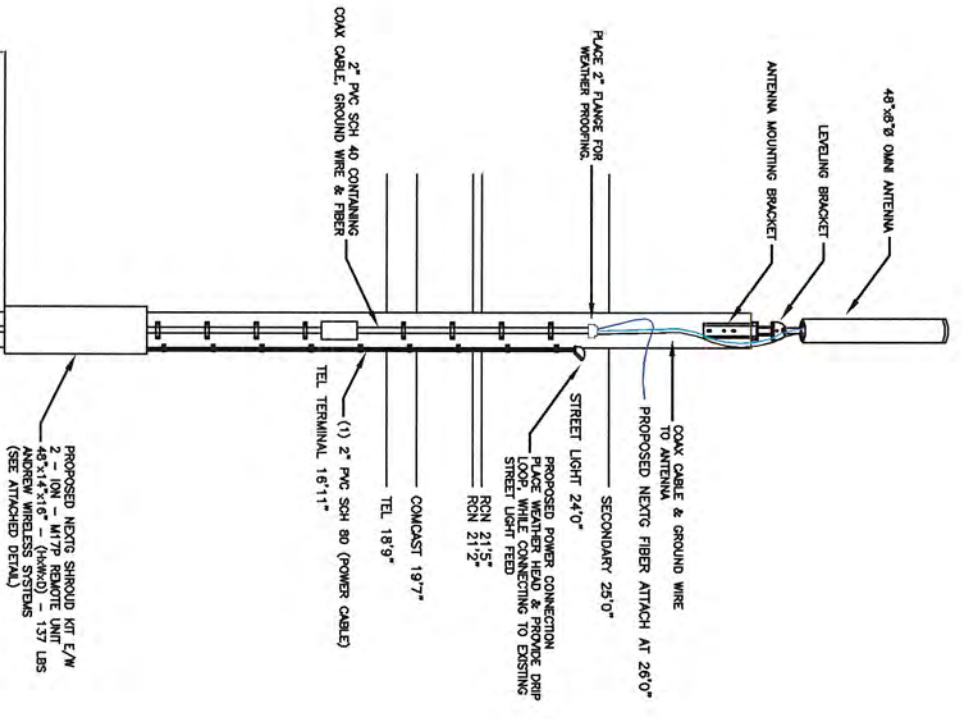
**\*PHOTO SIMULATION\***

PREPARED BY: INNOVATIVE THOUGHT. ENGINEERED SOLUTIONS. 603 WEST STREET MANSFIELD, MA 02048 www.usysive.com 1-508-261-4060	TITLE: NODE 4D-02 NEWTON, MA 150 EASTBOURNE RD
PREPARED FOR: Nexta Networks	POLE INFO: SUBMITTED BY: UCS DRAWN BY: FL DATE: 07/05/11
PRINT NO.: 3 OF 6 SCALE: N.T.S.	

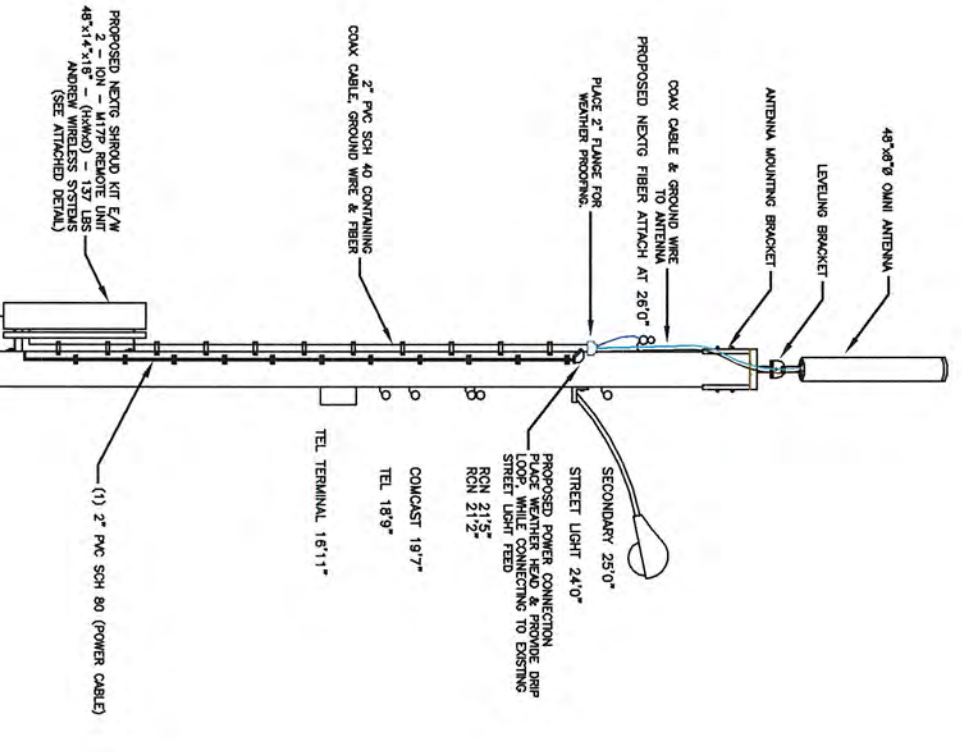
**NODE 4D-02 EXISTING POLE PROFILE  
WITHOUT METER**

**150 EASTBOURNE RD**

**REFERENCE SPECIFICATIONS:**  
 Rule 235 - Clearance for wires, conductors, or cables carried on the same supporting structure  
 Rule 235 I - Clearance in any direction from supply line conductors to communication antennas in the supply space attached to the same supporting structure  
 1 - General: Comm antennas located in the supply space shall be installed and maintained only by personnel authorized and qualified to work in the supply space

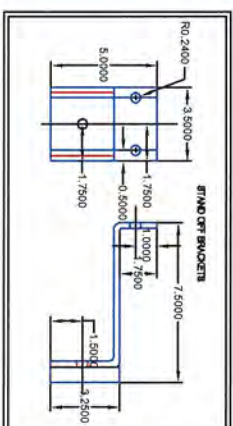
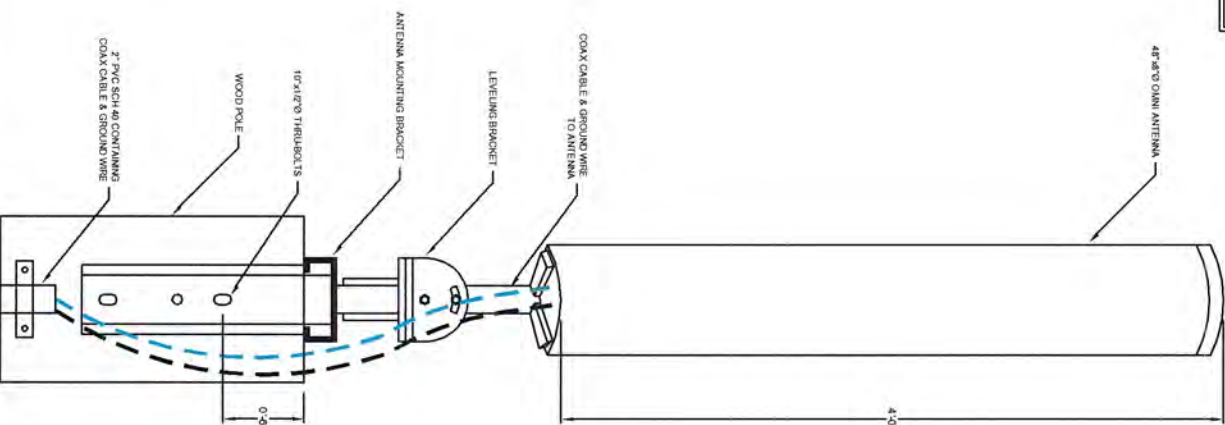
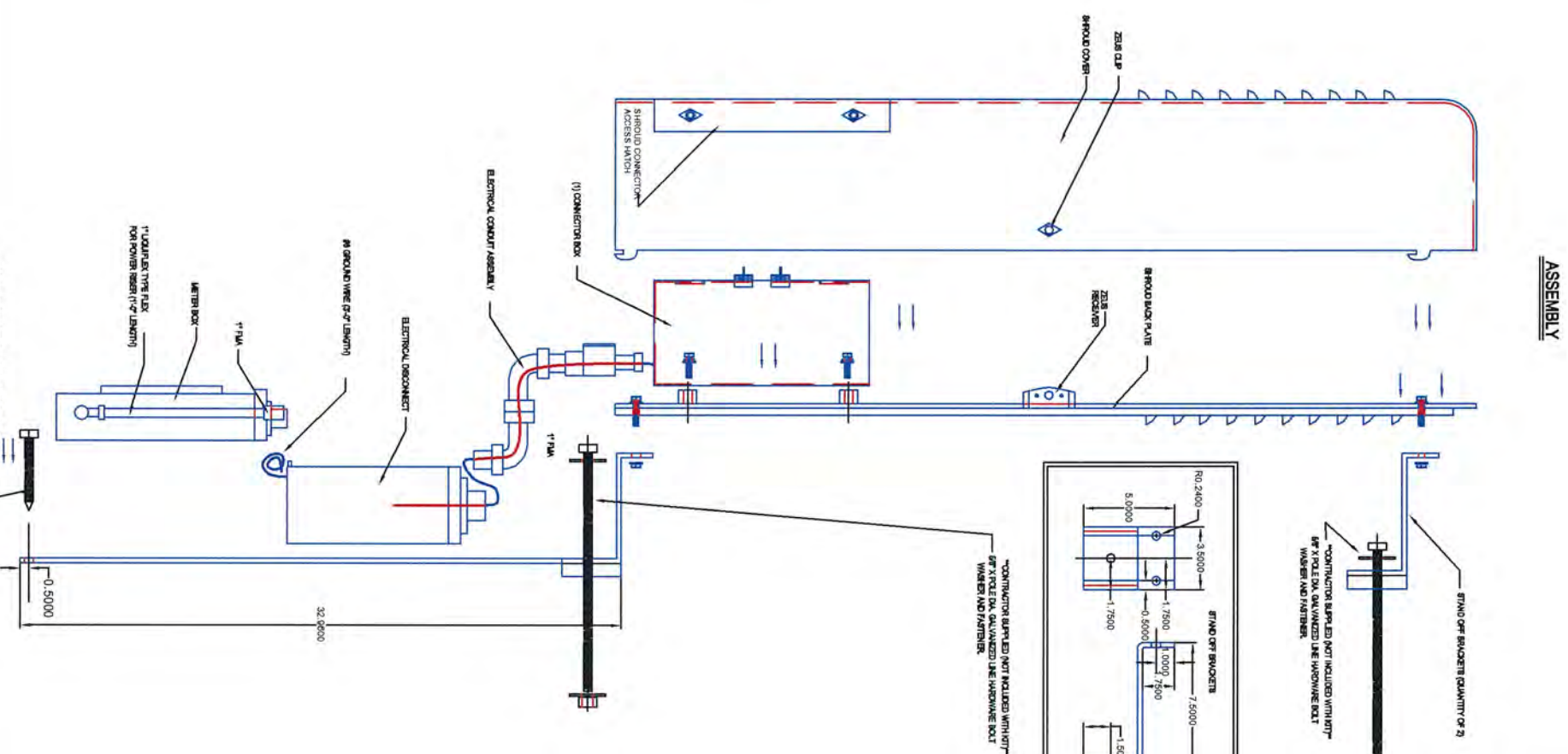
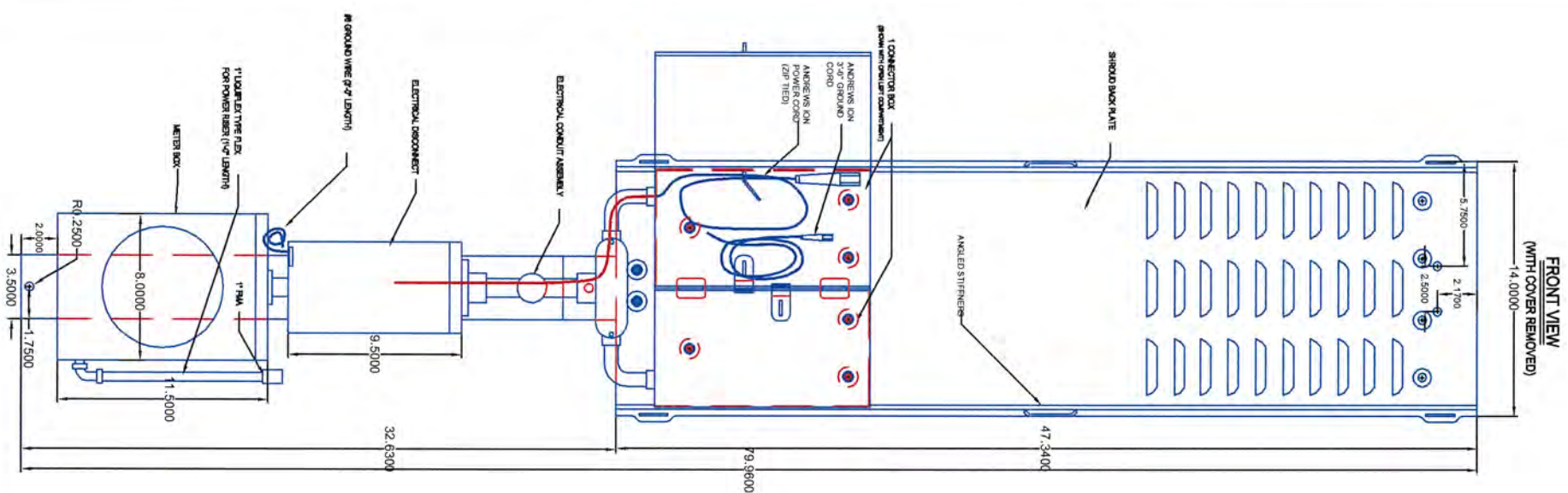


CLASS 3 (35') WOOD POLE  
 LATITUDE: 42.33684  
 LONGITUDE: -71.18703



**\*PHOTO SIMULATION\***

PREPARED BY: <b>UC SYNERGETIC</b> INNOVATIVE THOUGHT. ENGINEERED SOLUTIONS. 603 WEST STREET MANSFIELD, MA 02048 www.ucsynergic.com 1-508-261-4660	POLE INFO: NODE 4D-02 NEWTON, MA 150 EASTBOURNE RD
PREPARED FOR: <b>Nextg Networks</b>	SURVEYED BY: UCS PRINT NO: 4 OF 6
DRAWN BY: FL	REVISIONS:
DATE: 07/05/11	SCALE: N.T.S.



ITEM	WEIGHT	OVERALL DIMENSIONS		
		WIDTH	HEIGHT	DEPTH
METER	2 LBS	11"	15 3/4"	4 1/2"
DISCONNECT	-	5"	9 1/2"	4 1/2"
ION	31 LBS	-	-	-
5' ENCLOSURE (WITH INTERNAL METER, DISCONNECT & (2) IONS)	127 LBS	14"	60"	8 1/2"
4' ENCLOSURE	127 LBS	14"	60"	8 1/2"
48" ANTENNA	13 LBS	8"	48"	8"
26" ANTENNA	10 LBS	8"	26"	8"
LEVELING KIT FOR POLE TOP EXTENSION	16 LBS	-	-	-
POLE TOP EXTENSION MOUNTING BRACKET	31 LBS	-	-	-
POLE TOP EXTENSION	28 LBS	8"	48"	8"
36" EXTENSION ARM WITH ANTENNA MOUNT	12.5 LBS	-	-	-
THROUGH BOLTS (10" 1/2" & 14")	3/4-1 LB	-	-	-
FUSH MOUNT WITH LEVELING BRACKET	39 LBS	-	-	-
SHROUD (WITH METER, DISCONNECT & (2) IONS)	128 LBS	-	-	-
METER	-	-	-	-
METER	-	-	-	-
METER	-	-	-	-

**SPECIFICATIONS**

**SHROUD KIT SH807**

ITEM #	QTY	DESCRIPTION	RF PART #	VIDEORS
1	1	SHROUD 48" X 14" X 8" INCLUDES 1 CONNECTING BOX/WALATCHES		ROBERT F. CHAPMAN
2	1	1/2" ALUMINUM CONRD CONNECTORS	APRLETON	PATTONS
3	1	ALUMINUM PLATE 37X14X.37"	ONE SOURCE	ALLENS FASTENERS
4	2	BRACKET POLE STANDOFF	ALLENS FASTENERS	ALLENS FASTENERS
5	10	8MM X 1.25MM STAINLESS STEEL BOLT	ALLENS FASTENERS	ALLENS FASTENERS
6	10	8MM STAINLESS STEEL FLAT WASHER	ALLENS FASTENERS	ALLENS FASTENERS
7	10	8MM STAINLESS STEEL LOCK WASHER	ALLENS FASTENERS	ALLENS FASTENERS
8	10	8MM STAINLESS STEEL LOCK WASHER	ALLENS FASTENERS	ALLENS FASTENERS
9	4	1/2" X 1 1/4" STAINLESS STEEL BOLT	ALLENS FASTENERS	ALLENS FASTENERS
10	4	1/2" FLAT WASHERS, STAINLESS STEEL	ALLENS FASTENERS	ALLENS FASTENERS
11	4	1/2" STAINLESS STEEL LOCK WASHER	ALLENS FASTENERS	ALLENS FASTENERS
12	4	1/2" STAINLESS STEEL NUT	SQUARE D	SQUARE D
13	1	LOAD CENTER, 2 POSITION, 70A	SQUARE D	SQUARE D
14	1	BREAKER, SINGLE PULL, 15 AMP	SQUARE D	SQUARE D
15	1	HUB, 1"	ML BANK	ML BANK
16	1	ML BANK METER SOCKET	ML BANK	ML BANK
17	1	HUB, 1" RXT00	HALEX	HALEX
18	1	1" SMOOTH ENTRANCE NIPPLE	APRLETON	APRLETON
19	1	1" FITTINGS, 1"	CEG	CEG
20	2	BUSHING, REDUCING 1" - 3/4"	PECO	PECO
21	2	SWEEP, 1" PECO	PECO	PECO
22	1	NIPPLE, 1" CLOSE NIPPLE	FIT	FIT
23	2	1/2" LOCK RINGS	APRLETON	APRLETON
24	2	1/2" BUSHINGS	BP	BP
25	1	1" SMOOTH ENTRY NIPPLE	CEG	CEG
26	4	LOCK RING, 1" WEATHERPROOF	APRLETON	APRLETON
27	2	LOCK RING, 3/4" WEATHERPROOF	APRLETON	APRLETON
28	2	NIPPLE, 3/4" WEATHERPROOF	FIT	FIT
29	3	BUSHING, PLASTIC 3/4"	BP	BP
30	3	CONDUIT, LIQUIFLEX 3/4" STRAIGHT	CEG	CEG
31	1	FITTING, LIQUIFLEX 3/4" STRAIGHT	CEG	CEG
32	1	FITTING, LIQUIFLEX 3/4" X 90 DEGREE	CEG	CEG
33	1	BUSHING, PLASTIC 1"	CEG	CEG
34	1	ADAPTER, 3/4" FEMALE	HOME DEPOT	HOME DEPOT
35	1	#12 STRANDED WHITE WIRE	HOME DEPOT	HOME DEPOT
36	1	#12 STRANDED BLACK WIRE	HOME DEPOT	HOME DEPOT
37	1	WAVE #8 AWG STRANDED GREEN 3FT	CEG	CEG
38	1	WAVE #8 AWG 3/8" STD SINGLE HOLE	BLANDY	BLANDY
39	1	6" HEAT SHRINK 3/8"	CEG	CEG
40	1	CUSTOM BOX	CROCKETT CONTAINER	CROCKETT CONTAINER
41	1	CUSTOM BOX	CROCKETT CONTAINER	CROCKETT CONTAINER

**SPECIFICATIONS**

Represents any line of an object that is hidden from view.  
 Represents any line of an object that is visible in a particular view.  
 Represents items that are "not" included in kit.

**UC SYNERGETIC**  
 INNOVATIVE THERMAL ENGINEERING SOLUTIONS  
 603 WEST STREET  
 MANSFIELD, MA 02548  
 www.ucsyngtr.com 1-888-261-4660

**Nexta Networks**

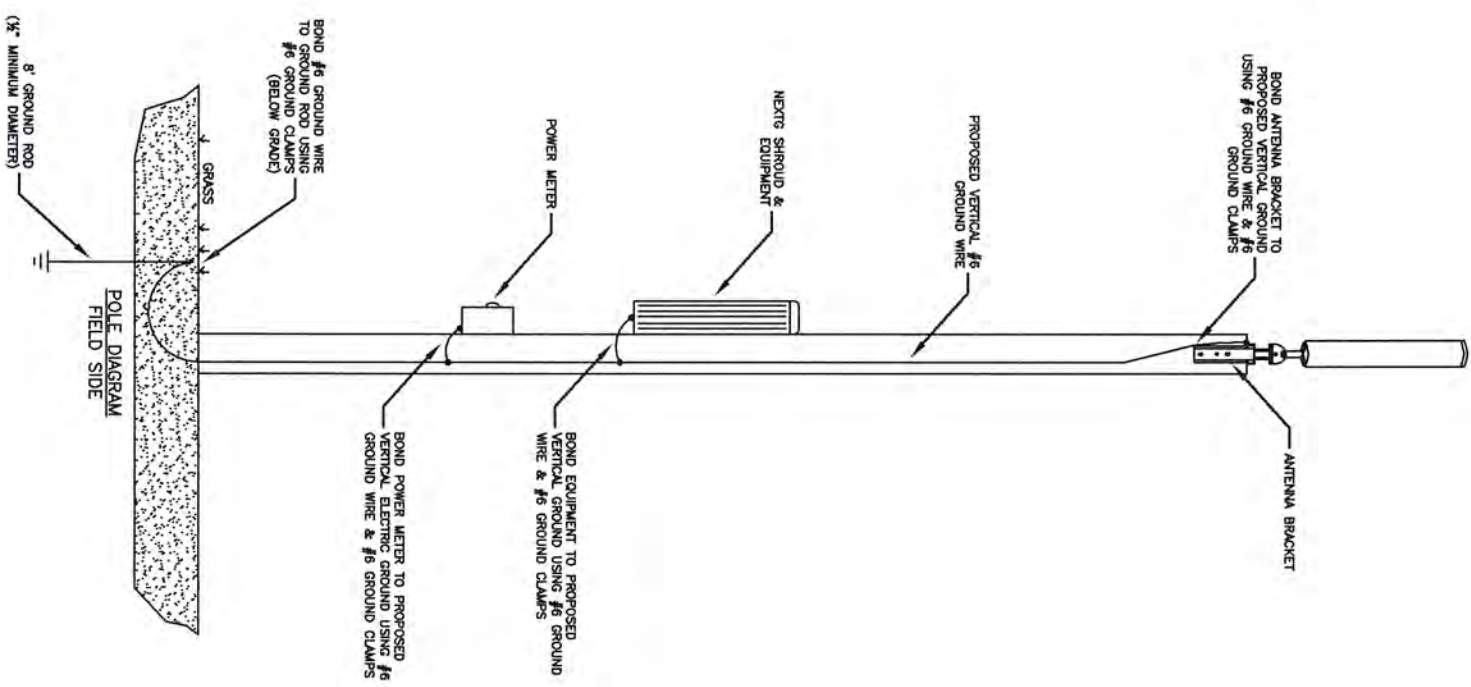
PREPARED BY: UCS  
 SURVEYED BY: UCS  
 DRAWN BY: FL  
 DATE: 07/05/11

NODE 4D-02  
 NEWTON, MA  
 SHROUD KIT & ANTENNA DETAIL

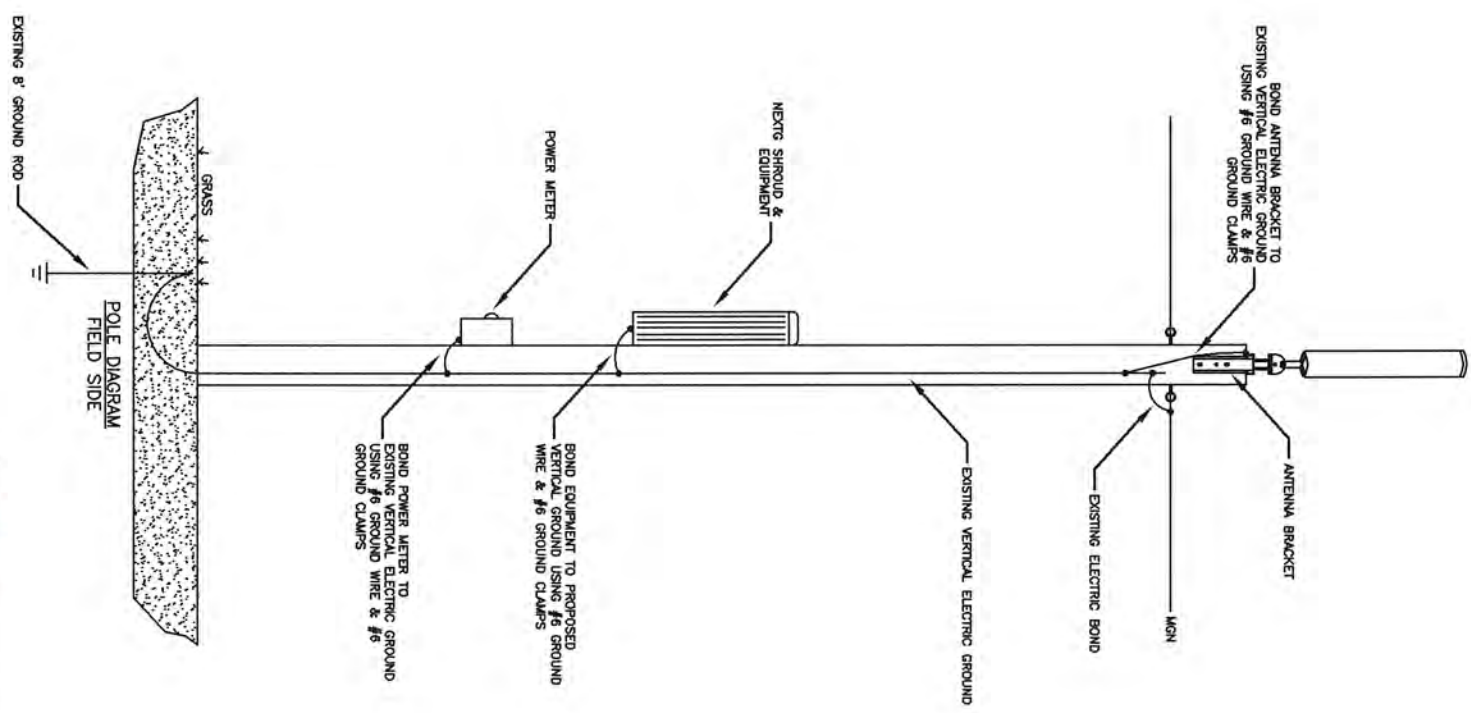
PRINT NO: 5 OF 6  
 REVISION:

SCALE: N.T.S.

PROPOSED VERTICAL GROUND



EXISTING VERTICAL ELECTRIC GROUND

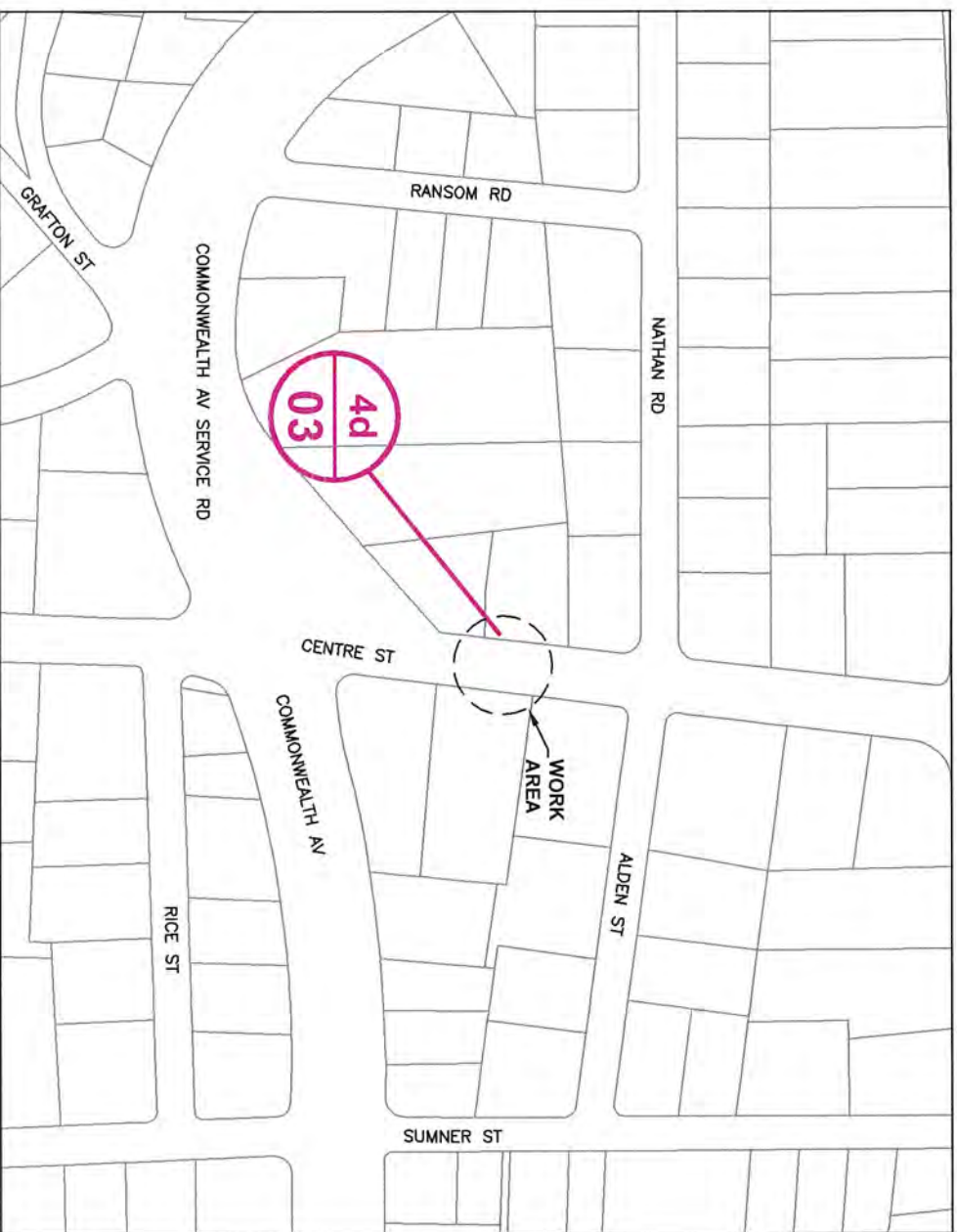
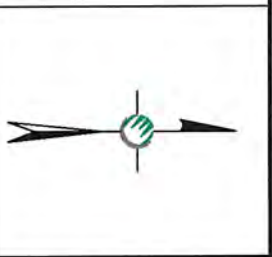


TYPICAL WOOD POLE GROUNDING DETAIL  
N.T.S.



PREPARED BY: <b>UC SYNERGETIC</b> INNOVATIVE THINKING. ENGINEERED SOLUTIONS. 603 WEST STREET MANSFIELD, MA 02048 www.ucsynergic.com 1-800-261-4660	NO. 40 NODE 4D-02 NEWTON, MA GROUNDING DETAIL
DRAWN BY: FL DATE: 07/05/11	SURVEYED BY: UCS PRINT NO: 6 OF 6 REVISIONS: SCALE: N.T.S.

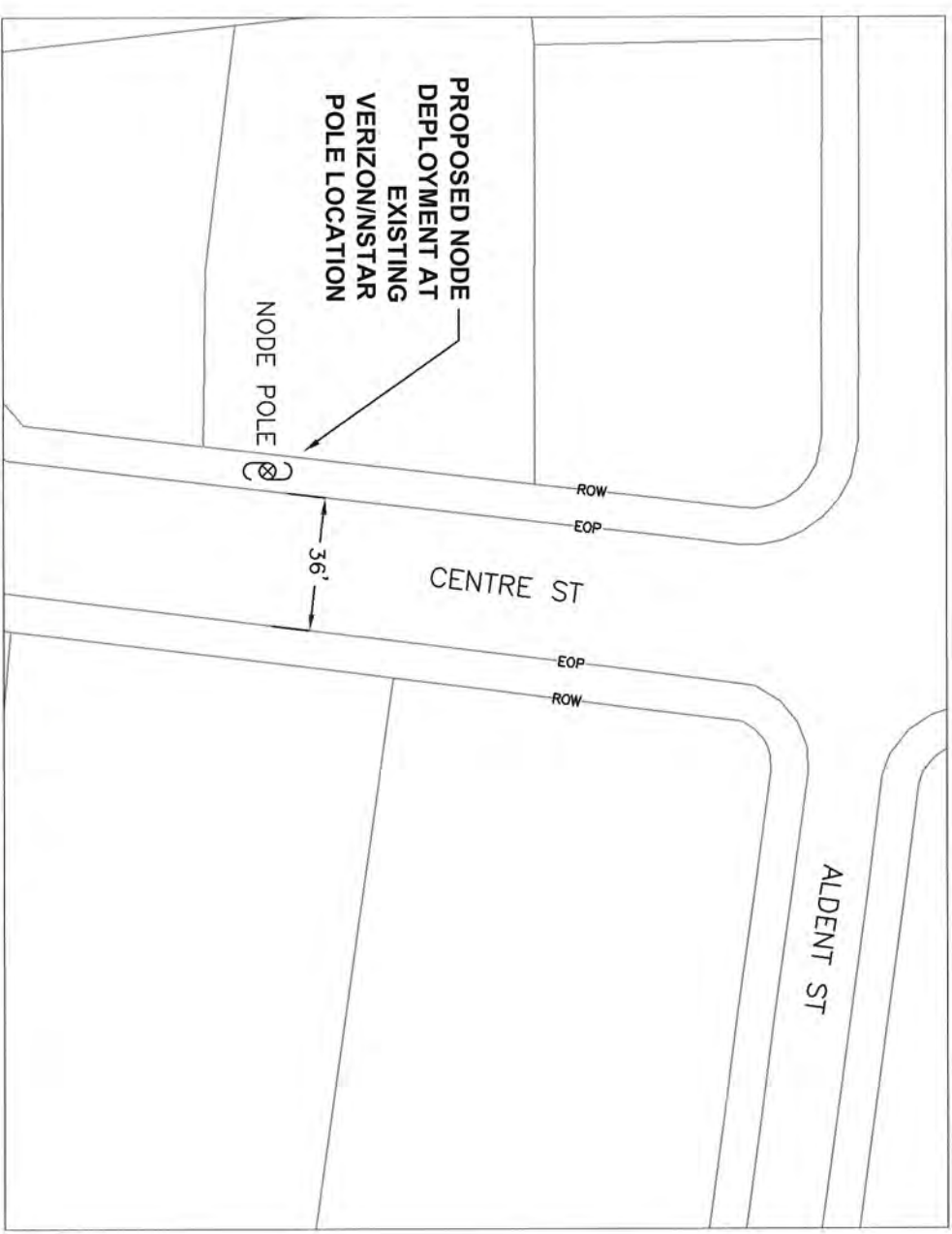
**NEXTG - NEWTON, MA - MPC1045A MANTN**  
**MICRO-CELL/NODE DEPLOYMENT**  
**CITY OF NEWTON, MIDDLESEX COUNTY, MASSACHUSETTS**



**LOCATION MAP**

**LATITUDE: 42.33683 LONGITUDE: -71.19328**

**SCALE: 1" = 200'**



**PROPOSED NODE PLACEMENT**

**PROJECT LOCATION - SITE# 4D-03**

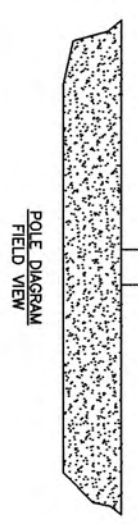
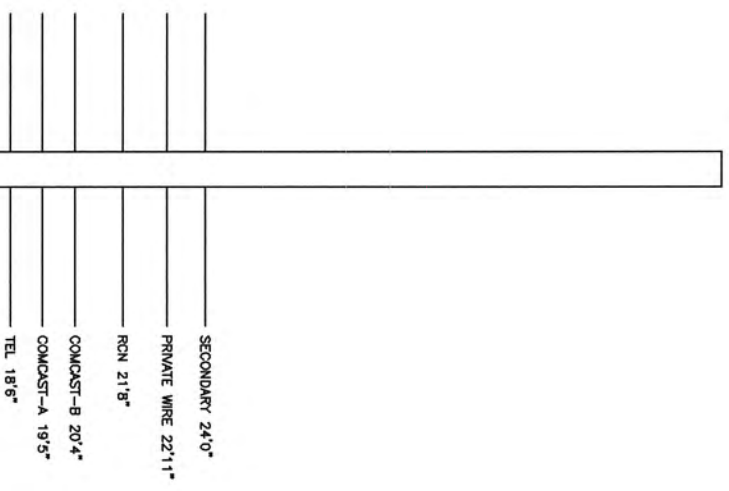
**SCALE: 1" = 50'**

NOTE: RIGHT OF WAY AND CENTERLINE  
 INFORMATION TAKEN FROM CITY OF NEWTON  
 GIS DATA

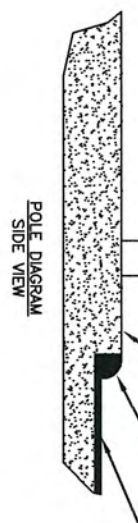
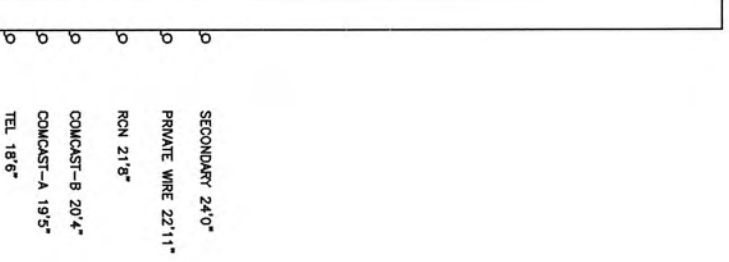


PREPARED BY: <b>UC SYNERGETIC</b> INNOVATIVE THINKING. ENGINEERED SOLUTIONS. 603 WEST STREET MANSFIELD, MA 02048 www.ucsynergetic.com 1-800-291-4880	TITLE: NODE 4D-03 NEWTON, MA 1035 CENTRE ST
PREPARED FOR: <b>Nextg Networks</b>	POLE INFO: NODE 4D-03
SURVEYED BY: UCS	PRINT NO: 1 OF 6
DRAWN BY: FL	REVISED:
DATE: 07/05/11	SCALE: N.T.S.

# NODE 4D-03 EXISTING POLE PROFILE 1035 CENTRE ST



CLASS 2 (45') WOOD POLE  
LATITUDE: 42.33683  
LONGITUDE: -71.19328



PREPARED BY: <b>UC SYNERGETIC</b> <small>INNOVATIVE THINKING. ENGINEERED SOLUTIONS.</small> 603 WEST STREET MANSFIELD, MA 02048 1-508-261-4050 www.ucsynergetic.com		PREPARED FOR: <b>Nextg Networks</b>	
TITLE: <b>NODE 4D-03          NEWTON, MA          1035 CENTRE ST</b>		DATE: 07/05/11	
POLE INFO: SURVEYED BY: UCS DRAWN BY: FL DATE: 07/05/11		PRINT NO: 2 OF 6 REVISIONS:	
SCALE: N.T.S.			

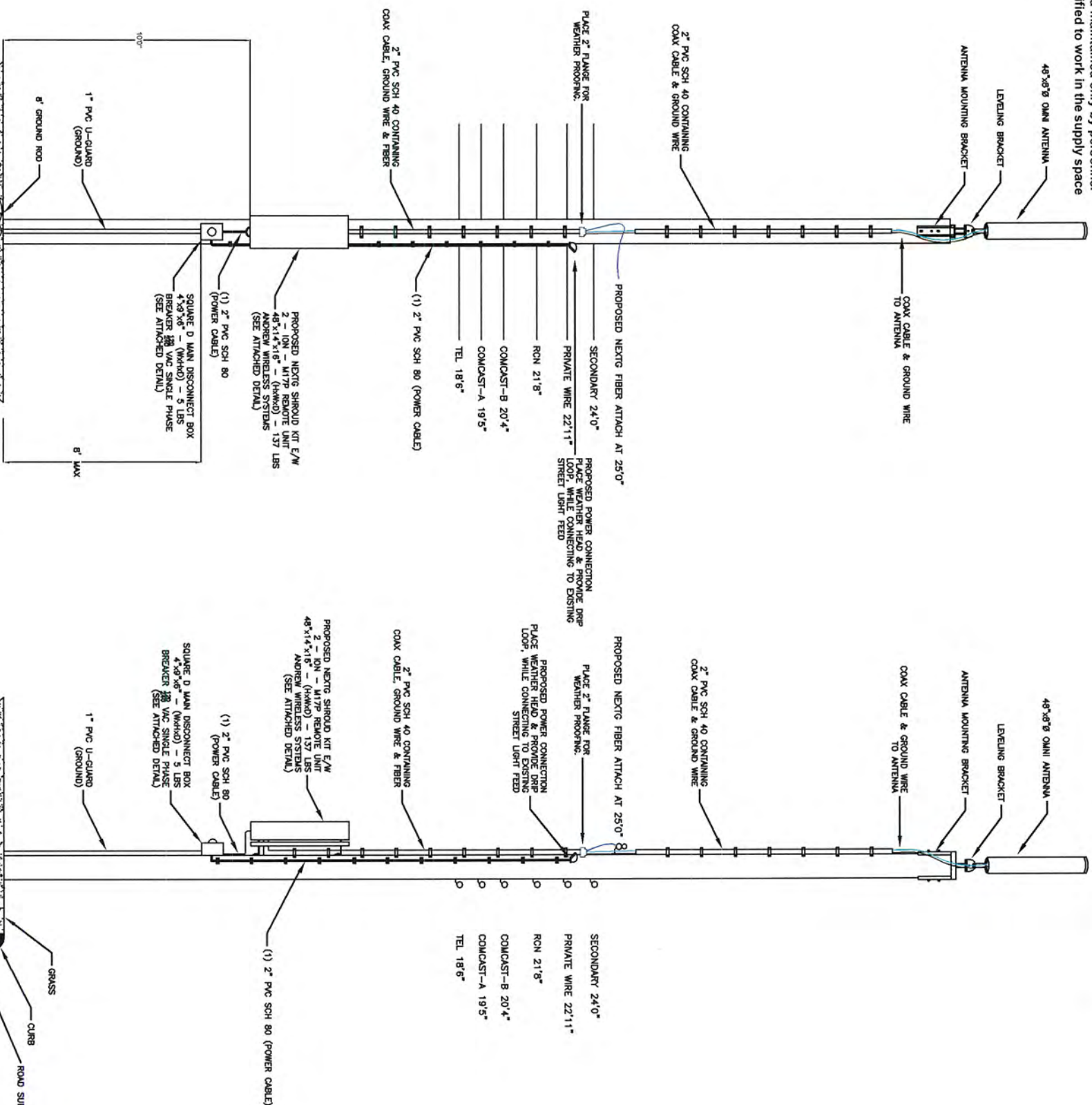
**REFERENCE SPECIFICATIONS:**

Rule 235 – Clearance for wires, conductors, or cables carried on the same supporting structure  
 Rule 235.1 – Clearance in any direction from supply line conductors to communication antennas in the supply space attached to the same supporting structure  
 1 – General: Comm antennas located in the supply space shall be installed and maintained only by personnel authorized and qualified to work in the supply space

**NODE 4D-03 EXISTING POLE PROFILE WITH METER**

**WITH METER**

**1035 CENTRE ST**



CLASS 2 (48") WOOD POLE  
 LATITUDE: 42.33683  
 LONGITUDE: -71.19328



**\*PHOTO SIMULATION\***



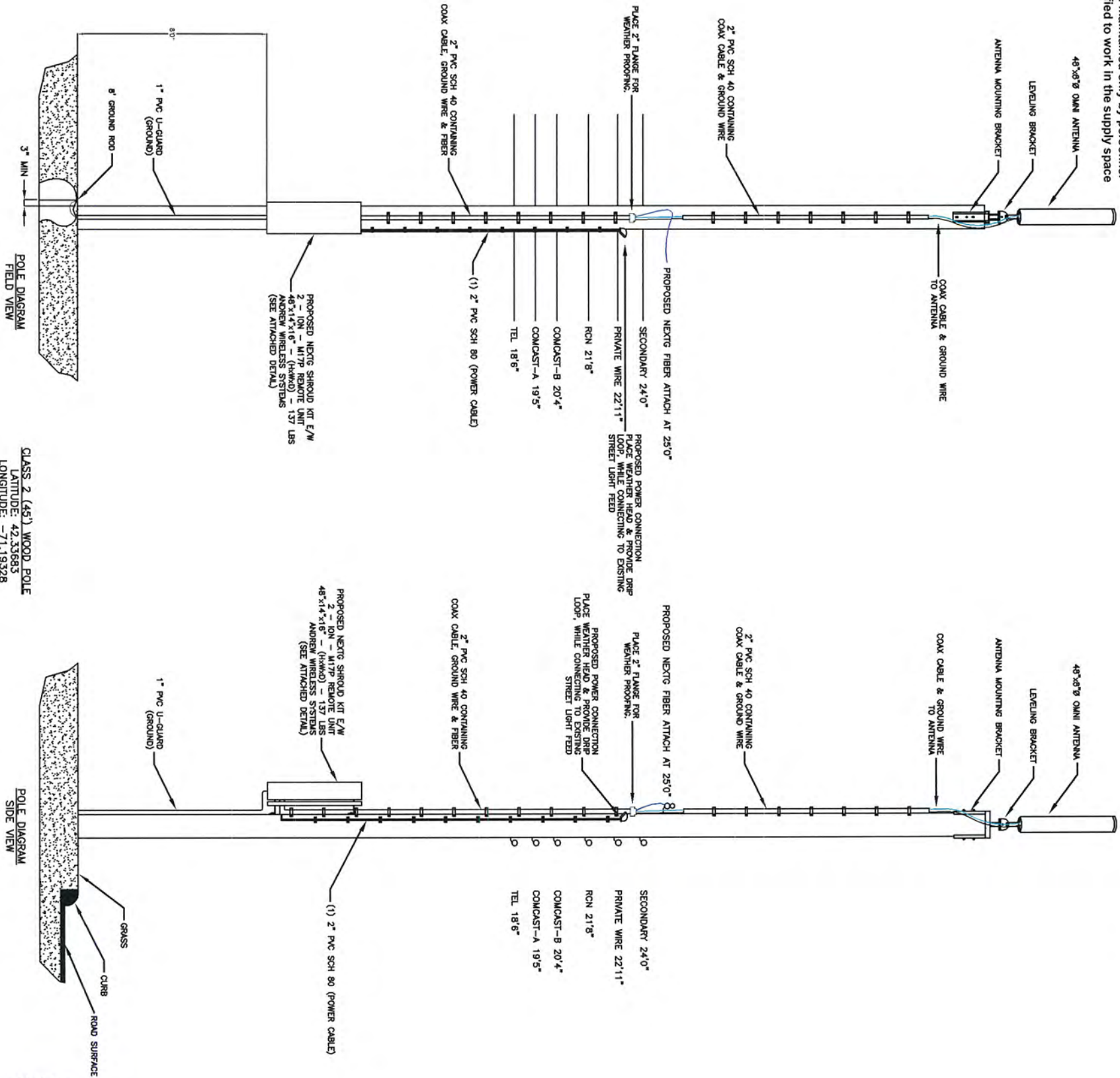
PREPARED BY: <b>UC SYNERGETIC</b> INNOVATIVE THINKING. ENGINEERED SOLUTIONS. 603 WEST STREET MANSFIELD, MA 02048 1-800-261-4090 www.ucsynergetic.com	TITLE: NODE 4D-03 NEWTON, MA 1035 CENTRE ST
PREPARED FOR: <b>Nextg Networks</b>	SURVEYED BY: UCS
DRAWN BY: FL	PRINT NO: 3 OF 6
DATE: 07/05/11	REVISION: SCALE: N.T.S.

**REFERENCE SPECIFICATIONS:**

Rule 235 – Clearance for wires, conductors, or cables carried on the same supporting structure  
Rule 235.1 – Clearance in any direction from supply line conductors to communication antennas in the supply space attached to the same supporting structure  
1 – General: Comm antennas located in the supply space shall be installed and maintained only by personnel authorized and qualified to work in the supply space

**NODE 4D-03 EXISTING POLE PROFILE  
WITHOUT METER**

**1035 CENTRE ST**



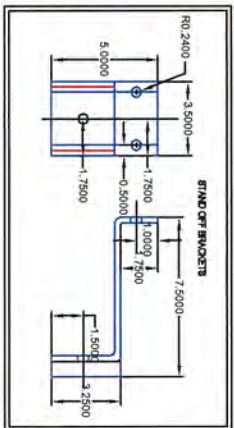
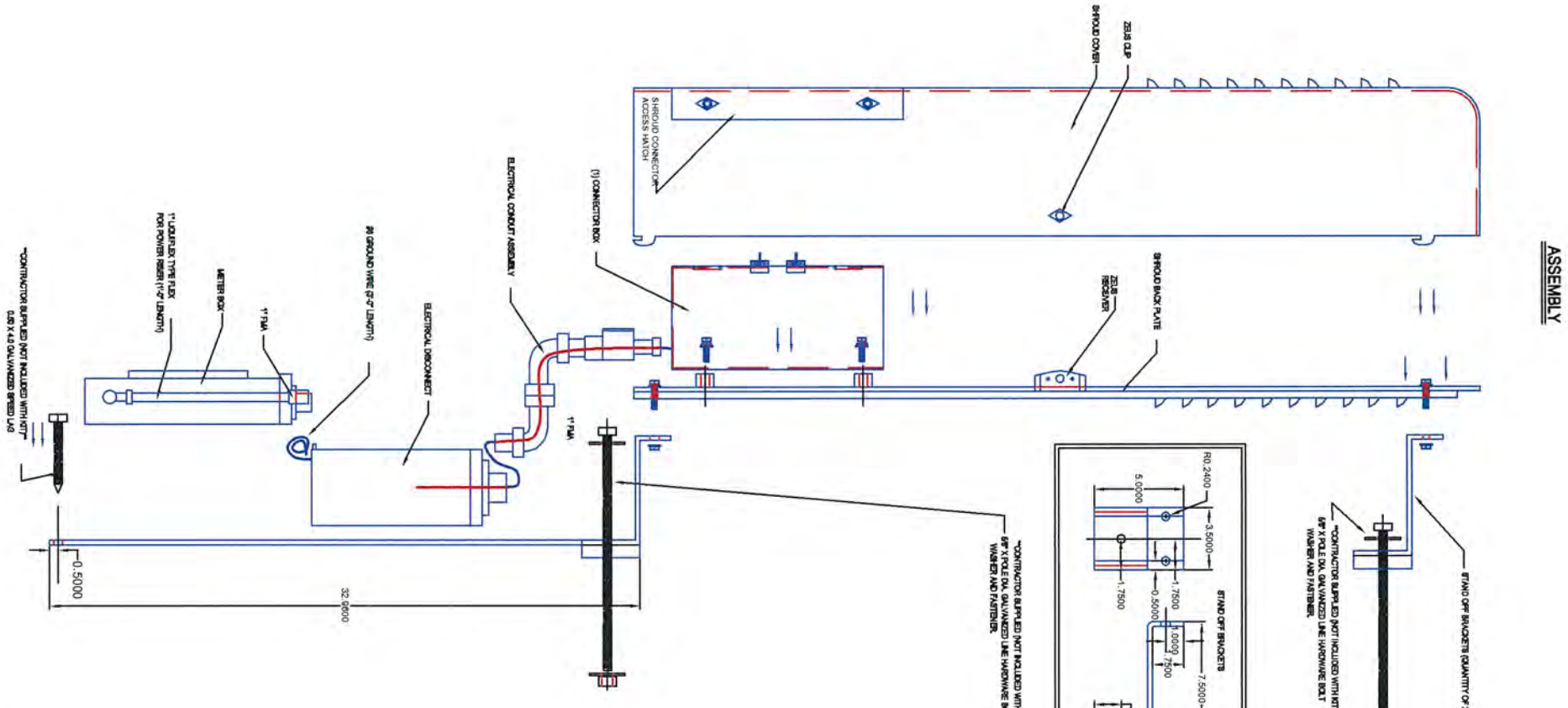
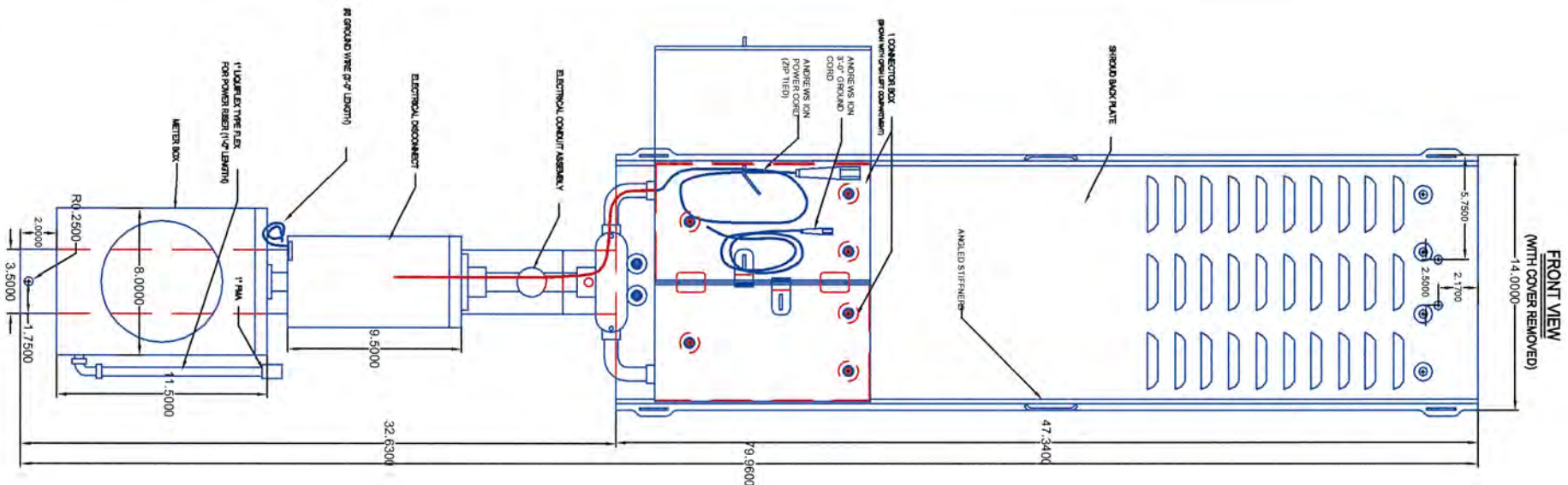
CLASS 2 (45') WOOD POLE  
LATITUDE: 42.33683  
LONGITUDE: -71.19328



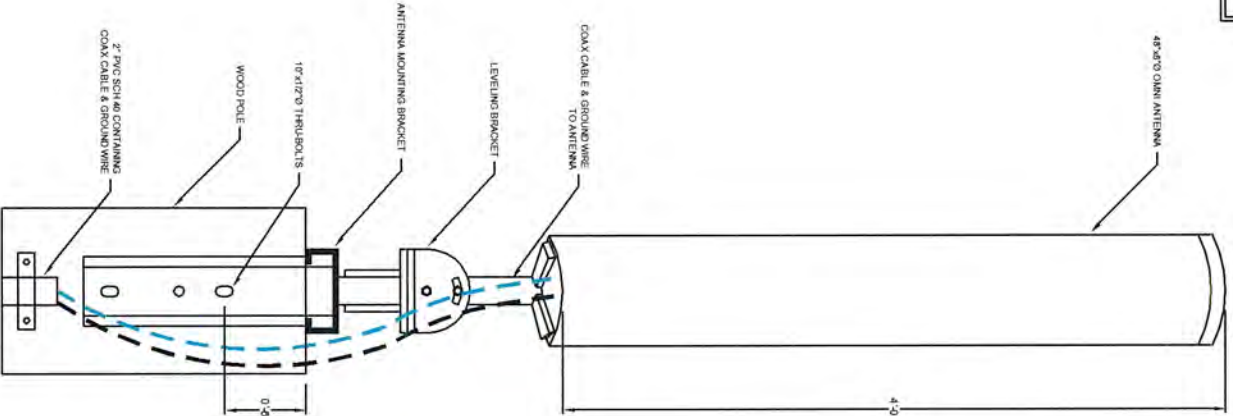
**\*PHOTO SIMULATION\***

PREPARED BY: <b>UC SYNERGETIC</b> INNOVATIVE THINKING. ENGINEERED SOLUTIONS. 603 WEST STREET MANSFIELD, MA 02048 www.ucsynergistic.com 1-800-261-4080	PROJECT NO: <b>NODE 4D-03</b> NEWTON, MA 1035 CENTRE ST
SURVEYED BY: UCS DRAWN BY: FL DATE: 07/05/11	PRINT NO: 4 OF 6 REVISIONS:
SCALE: N.T.S.	





**ANTENNA DETAIL (SIDE VIEW)**



ITEM	WEIGHT	OVERALL DIMENSIONS		
		WIDTH	HEIGHT	DEPTH
METER	2 LBS	11"	15 3/4"	4 1/2"
DISCONNECT	-	5"	9 1/2"	4 1/2"
ION	31 LBS	-	-	-
5' ENCLOSURE (WITH INTERNAL METER, DISCONNECT & (2) IONS)	127 LBS	14"	60"	8 1/2"
4' ENCLOSURE	127 LBS	14"	60"	8 1/2"
48" ANTENNA	13 LBS	8"	48"	8"
26" ANTENNA	10 LBS	8"	26"	8"
LEVELING KIT FOR POLE TOP EXTENSION	16 LBS	-	-	-
POLE TOP EXTENSION MOUNTING BRACKET	31 LBS	-	-	-
POLE TOP EXTENSION	28 LBS	8"	48"	8"
36" EXTENSION ARM WITH ANTENNA MOUNT	12.5 LBS	-	-	-
THROUGH BOLTS (10", 12" & 14")	3/4-1 LB	-	-	-
FLUSH MOUNT WITH LEVELING BRACKET	39 LBS	-	-	-
SHROUD (WITH METER, DISCONNECT & (2) IONS)	128 LBS	-	-	-
METER	-	-	-	-
METER	-	-	-	-
METER	-	-	-	-

**SPECIFICATIONS**

**SHROUD KIT SHOWN**

ITEM #	QTY	DESCRIPTION	HP PART #	VENDOR
1	1	SHROUD, 60" X 14" X 9" INCLUDES 1 CONNECTING BOX/WALNUTS		ROBERT F. CHAPMAN
2	1/2	ALUMINUM CONDUIT CONNECTORS		APPLETON
3	2	ALUMINUM PLATE 3"X 14"X 3/8"		PATTONS
4	1	BRACKET, POLE STAND-OFF		ONE SOURCE
5	2	BRACKET, POLE STAND-OFF		ONE SOURCE
6	10	8MM X 1.25MM STAINLESS STEEL BOLT		ALLEN'S FASTENERS
7	10	8MM STAINLESS STEEL FLAT WASHER		ALLEN'S FASTENERS
8	10	8MM STAINLESS STEEL LOCK WASHER		ALLEN'S FASTENERS
9	4	1/2" X 1 1/4" STAINLESS STEEL BOLT		ALLEN'S FASTENERS
10	8	1/2" FLAT WASHERS, STAINLESS STEEL		ALLEN'S FASTENERS
11	4	1/2" STAINLESS STEEL LOCK WASHER		ALLEN'S FASTENERS
12	4	1/2" STAINLESS STEEL NUT		ALLEN'S FASTENERS
13	1	LOAD CENTER, 2 POSITION 70A		SQUARE D
14	1	BREAKER, SINGLE PULL, 15 AMP		SQUARE D
15	1	HEB, 1"		SQUARE D
16	1	MIL BANK METER SOCKET		MIL BANK
17	1	HEB, 1" RATIO		CEB
18	1	1" SMOOTH ENTRANCE NIPPLE		HALEX
19	1	1" FITTING, 1"		APPLETON
20	2	BUSHING, REDUCING 1" - 3/4"		CEB
21	2	SWEEP, 1" PECO		PECO
22	1	NIPPLE, 1" CLOSE NIPPLE		FIT
23	2	1/2" LOCK RINGS		APPLETON
24	2	1/2" BUSHINGS		BP
25	1	1" SMOOTH ENTRY NIPPLE		CEB
26	4	LOCK RING, 3/4"		APPLETON
27	2	LOCK RING, 3/4"		APPLETON
28	2	NIPPLE, 3/4" WEATHERPROOF		APPLETON
29	2	NIPPLE, 3/4" CLOSE		FIT
30	3	BUSHING, PLASTIC 3/4"		BP
31	1	CONDUIT, LIQUIFLEX 3/4"		HOME DEPOT
32	1	FITTING, LIQUIFLEX 3/4" STRAIGHT		CEB
33	1	FITTING, LIQUIFLEX 3/4" X 90 DEGREE		CEB
34	1	BUSHING, PLASTIC 1"		CEB
35	1	ADAPTER, 3/4" FEMALE		HOME DEPOT
36	1	#12 STRANDED WHITE WIRE		HOME DEPOT
37	1	#12 STRANDED BLACK WIRE		HOME DEPOT
38	1	WIRE, #6 AWG STRANDED GREEN 3FT		CEB
39	1	LOG, #6 AWG 3/8" STD. SINGLE HOLE		BURNDY
40	1	6" HEAT SHRINK 3/8"		CEB
41	1	CUSTOM BOX		CROCKETT CONTAINER

**SPECIFICATIONS**

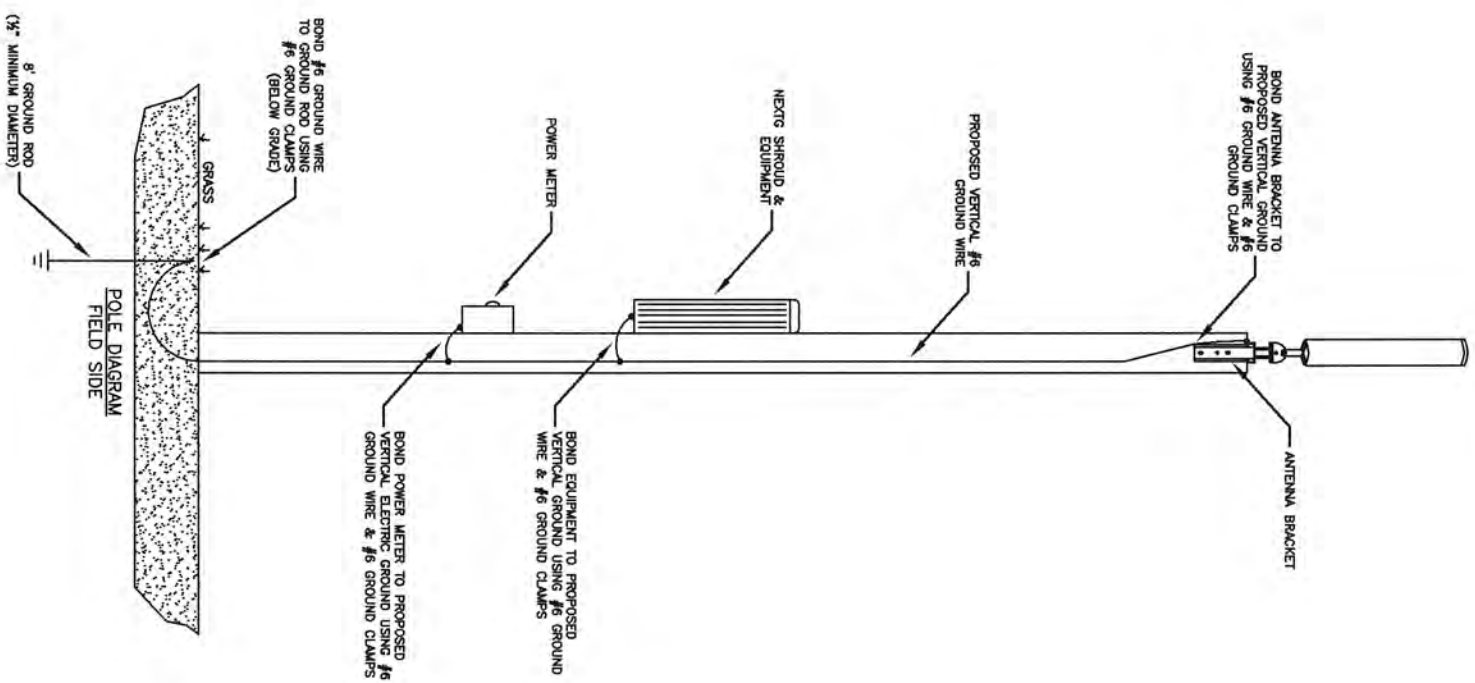
Represents any line of an object that is hidden from view.  
 Represents any line of an object that is visible in a particular view.  
 Represents items that are "not" included in kit.

**SYNERGETIC**  
 INNOVATIVE THINKING, ENGINEERED SOLUTIONS.  
 603 WEST STREET  
 MANSFIELD, MA 02048  
 1-508-261-4050  
 www.ucsynergetic.com

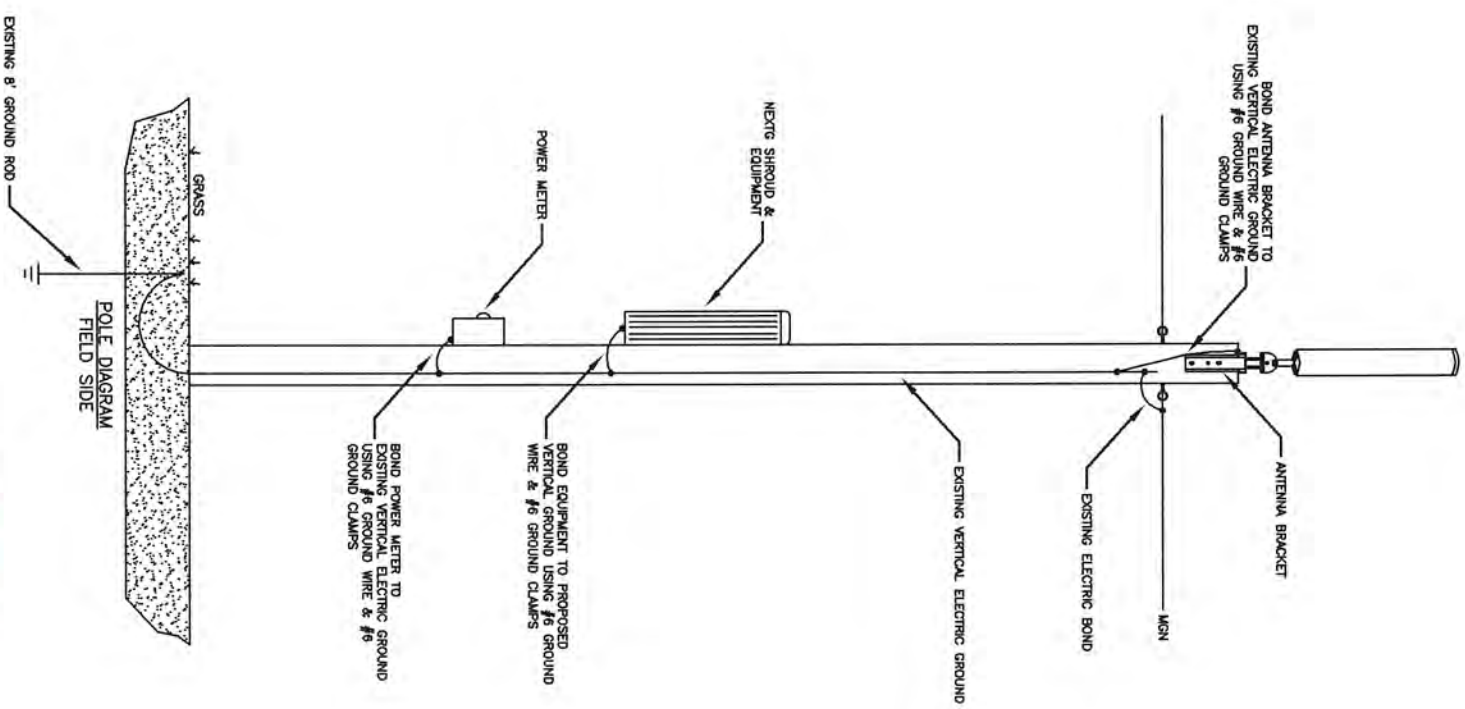
**UC Synergetic**  
 Prepared for: SHROUD KIT & ANTENNA DETAIL  
 Node 4D-03  
 NEWTON, MA

PRINT NO: 5 OF 6  
 DATE: 07/05/11  
 SCALE: N.T.S.

PROPOSED VERTICAL GROUND



EXISTING VERTICAL ELECTRIC GROUND

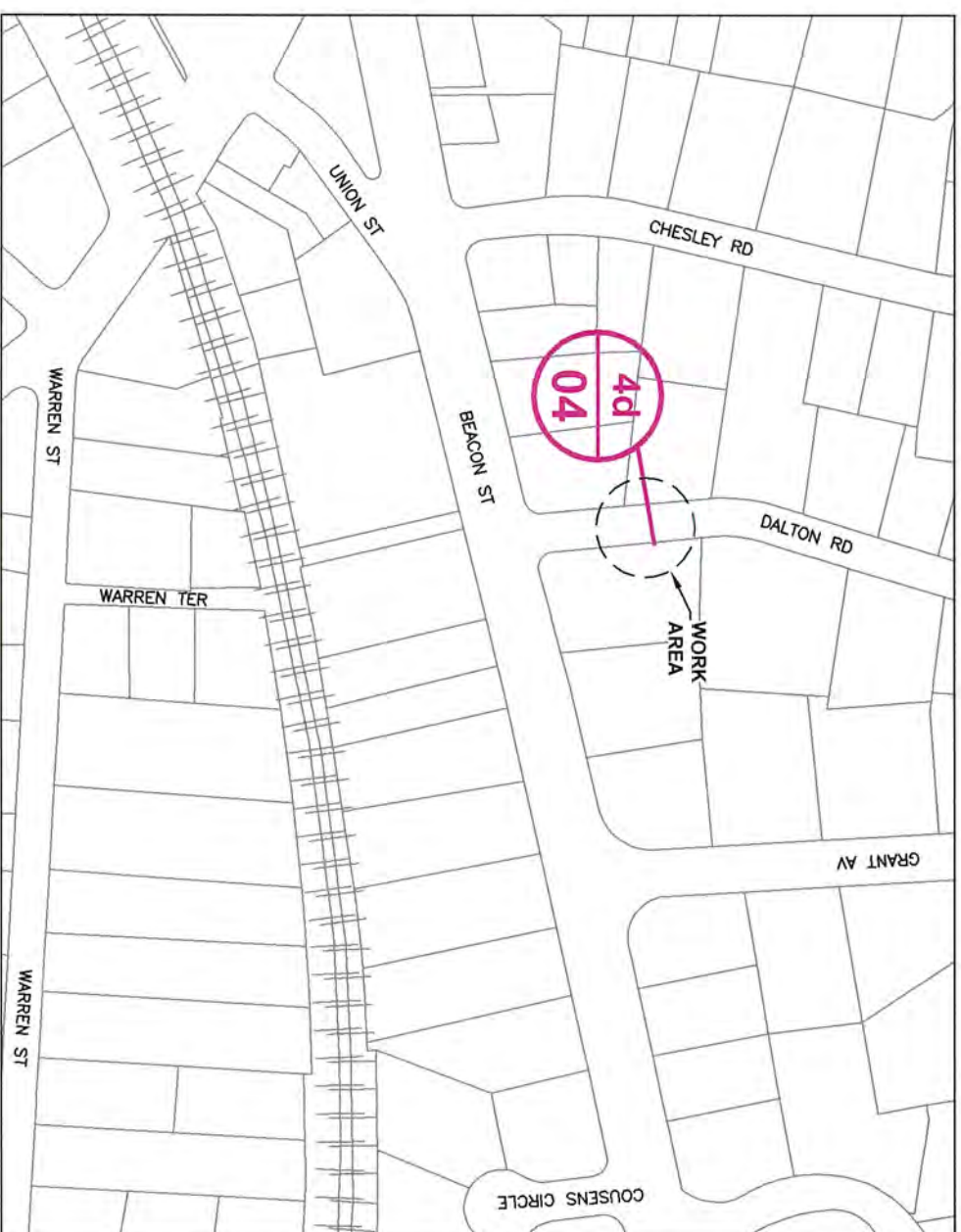
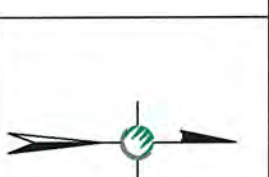


TYPICAL WOOD POLE GROUNDING DETAIL

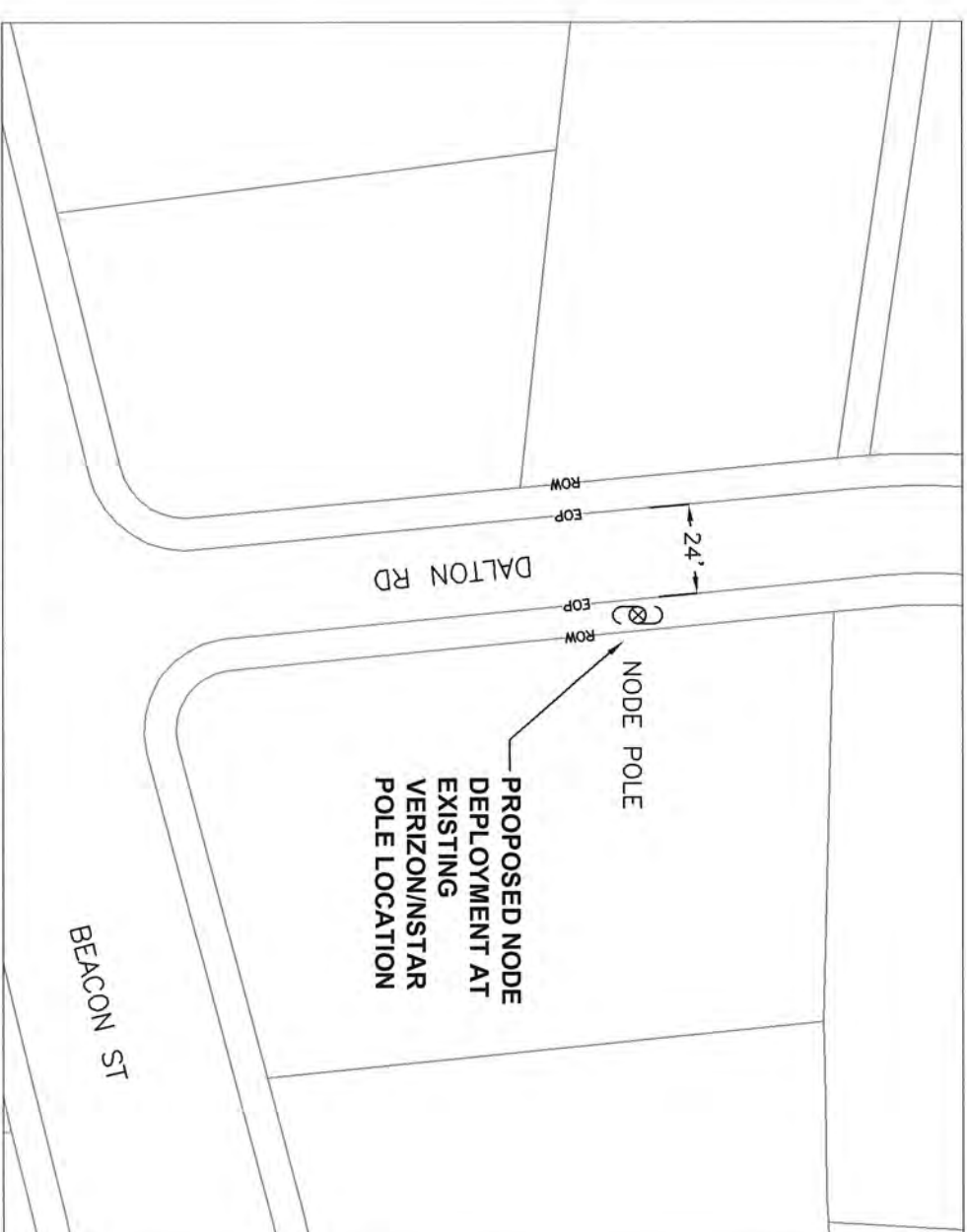
N.T.S.

PREPARED BY: <b>UC SYNERGETIC</b> <small>INNOVATIVE THINKING. ENGINEERED SOLUTIONS.</small> 603 WEST STREET MANSFIELD, MA 02048 www.ucsynergetic.com 1-508-261-4090		TITLE: NODE 4D-03 NEWTON, MA GROUNDING DETAIL	
PREPARED FOR: 	SURVEYED BY: UCS	PRINT NO: 6 OF 6	
	DRAWN BY: FL	REVISED:	
DATE: 07/05/11		SCALE: N.T.S.	

**NEXTG - NEWTON, MA - MPC1045A MANTN  
 MICRO-CELL/NODE DEPLOYMENT  
 CITY OF NEWTON, MIDDLESEX COUNTY, MASSACHUSETTS**



**LOCATION MAP**  
**LATITUDE: 42.33141 LONGITUDE: -71.18971**  
**SCALE: 1" = 200'**



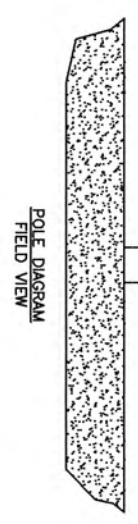
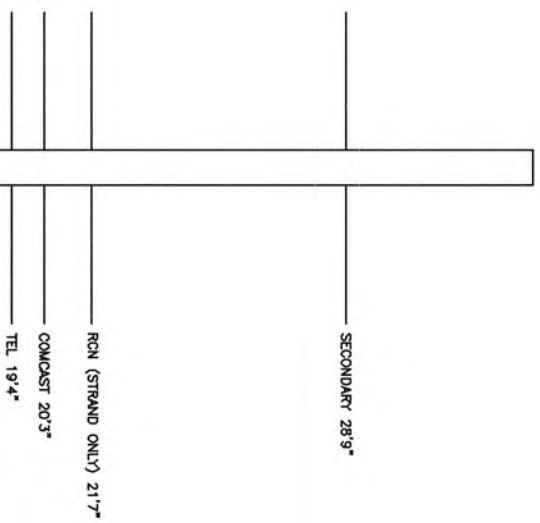
**PROPOSED NODE PLACEMENT**  
**PROJECT LOCATION - SITE# 4D-04**  
**SCALE: 1" = 50'**

NOTE: RIGHT OF WAY AND CENTERLINE  
 INFORMATION TAKEN FROM CITY OF NEWTON  
 GIS DATA

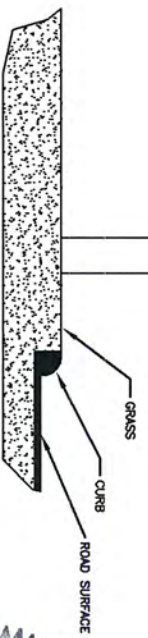
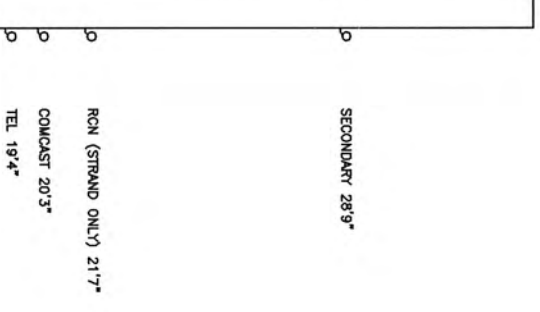


PREPARED BY: <b>UC SYNERGETIC</b> <small>INNOVATIVE THINKING. ENGINEERED SOLUTIONS.</small> 603 WEST STREET MANSFIELD, MA 02048 1-508-261-4080 www.ucsynergetic.com	PROJECT NO: NODE 4D-04 NEWTON, MA 62 DALTON RD
PREPARED FOR: 	SURVEYED BY: UCS DRAWN BY: FL DATE: 07/05/11
PRINT NO: 1 OF 6 SCALE: N.T.S.	

# NODE 4D-04 EXISTING POLE PROFILE 62 DALTON RD



CLASS 2 (40') WOOD POLE  
LATITUDE: 42.33141  
LONGITUDE: -71.18971



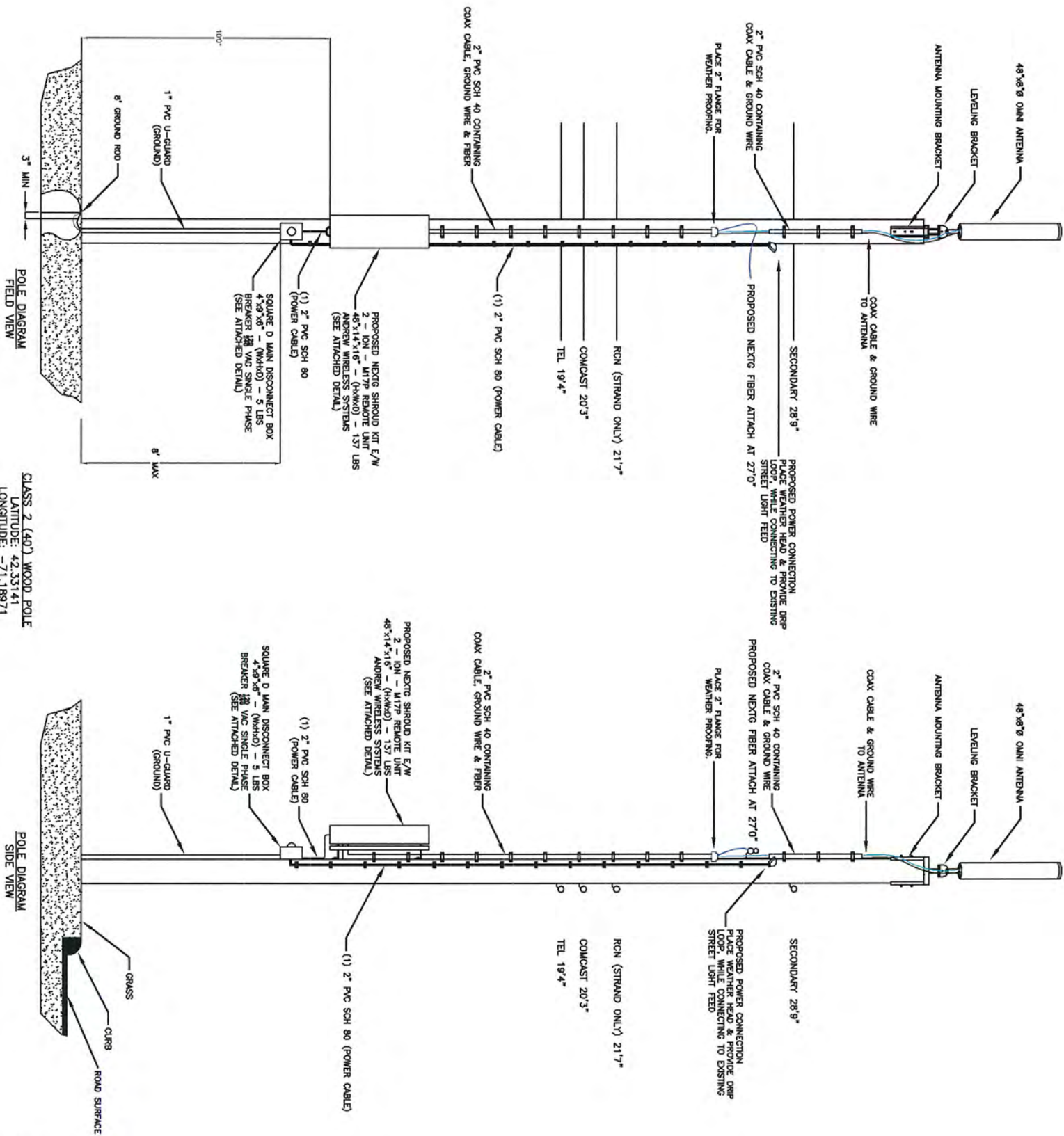
PREPARED BY: UC SYNERGETIC INNOVATIVE THINKING. ENGINEERED SOLUTIONS. 603 WEST STREET MANSFIELD, MA 02048 1-508-261-4050 www.ucsynergistic.com		PREPARED FOR: Nextig Networks	
TITLE: NODE 4D-04 NEWTON, MA 62 DALTON RD	DATE: 07/05/11	SUBMITTED BY: UCS	PRINT NO: 2 OF 6
DRAWN BY: FL	REVISIONS:	SCALE: N.T.S.	

**REFERENCE SPECIFICATIONS:**

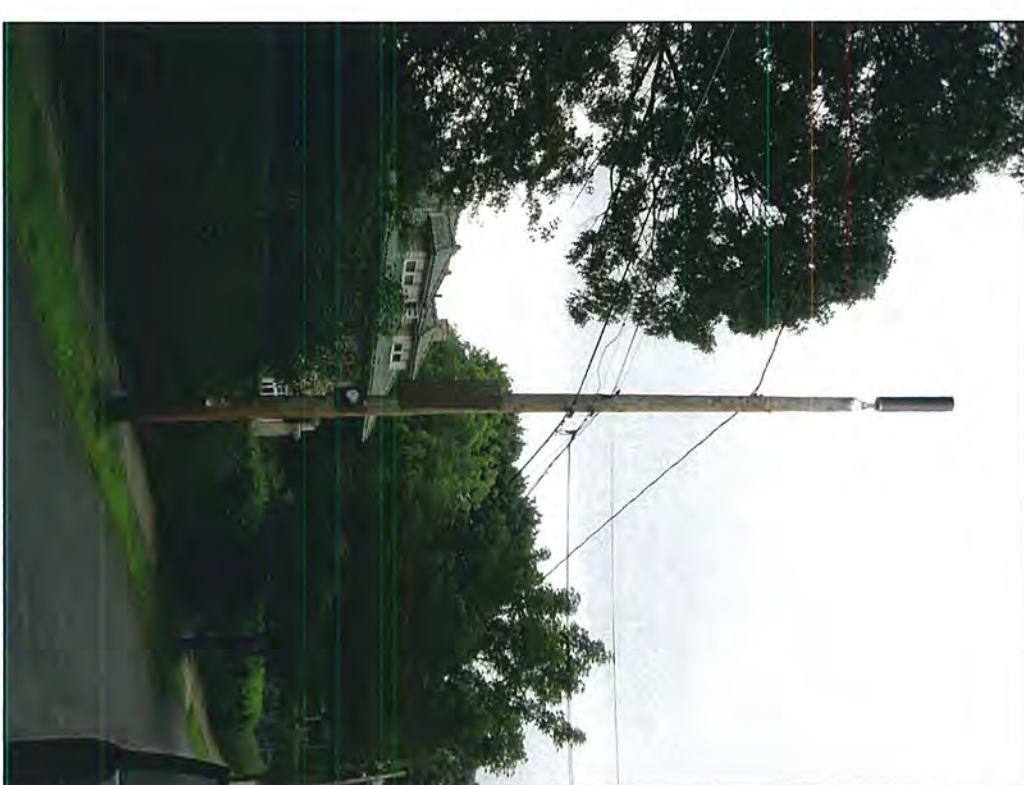
Rule 235 – Clearance for wires, conductors, or cables carried on the same supporting structure  
 Rule 235 I – Clearance in any direction from supply line conductors to communication antennas in the supply space attached to the same supporting structure  
 1 – General: Comm antennas located in the supply space shall be installed and maintained only by personnel authorized and qualified to work in the supply space

**NODE 4D-04 EXISTING POLE PROFILE WITH METER**

**62 DALTON RD**



CLASS 2 (40') WOOD POLE  
 LATITUDE: 42.33141  
 LONGITUDE: -71.18971



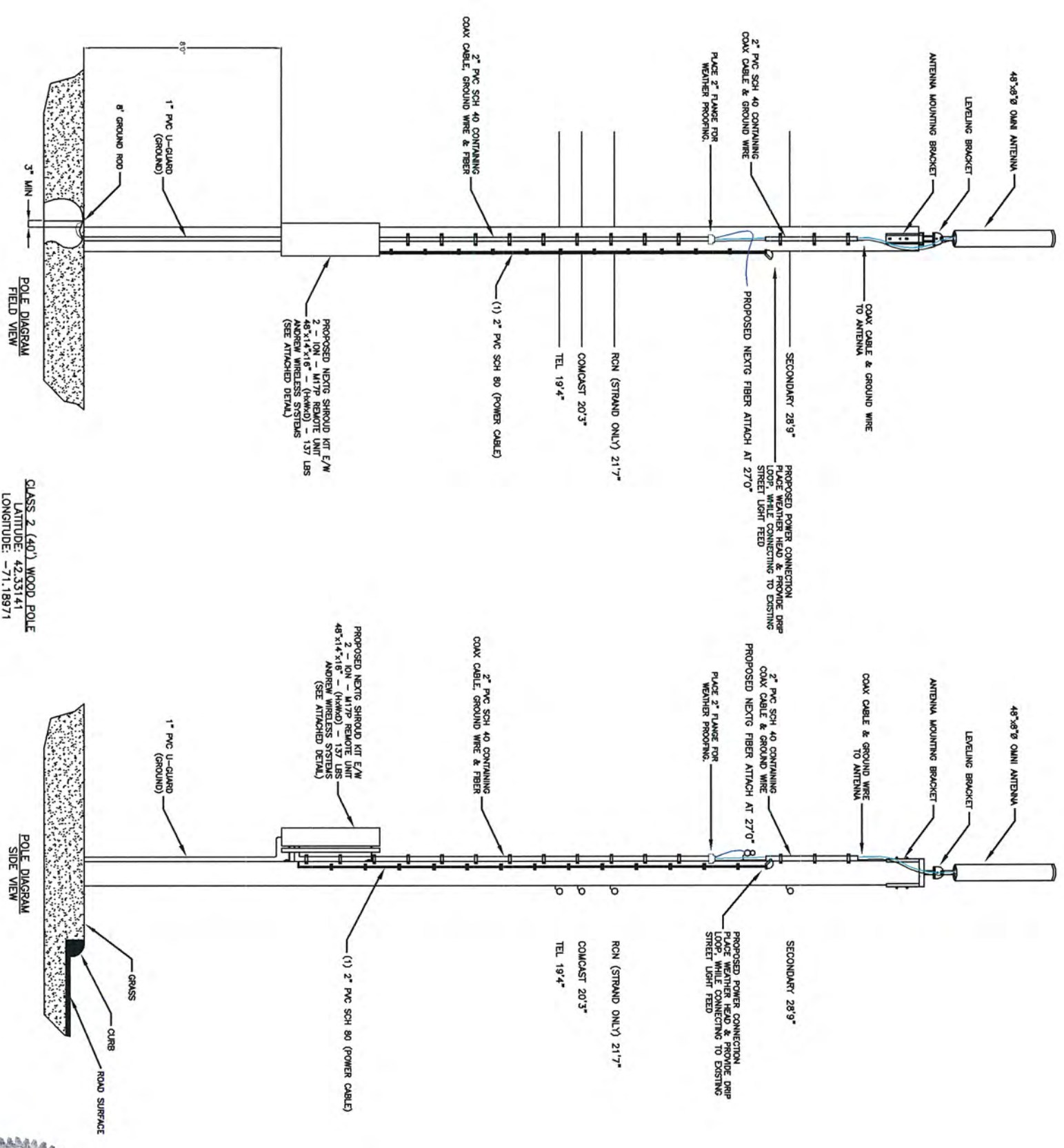
**\*PHOTO SIMULATION\***



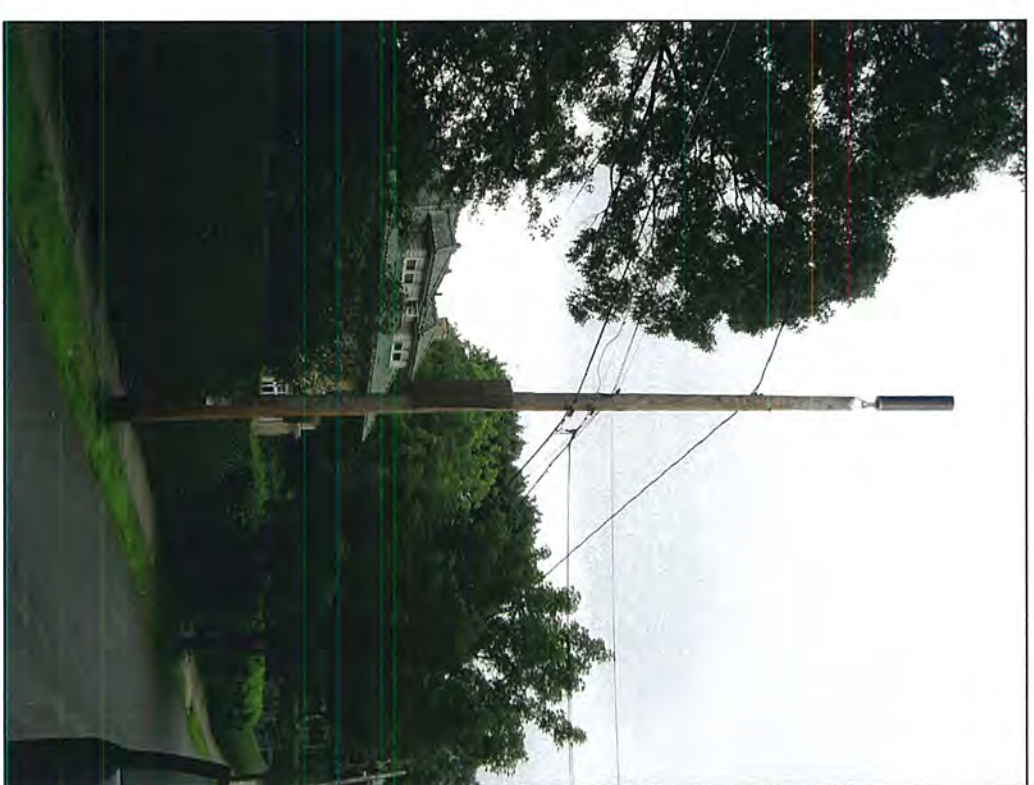
PREPARED BY: <b>UC SYNERGETIC</b> INNOVATIVE THINKING, ENGINEERED SOLUTIONS. 603 WEST STREET MANSFIELD, MA 02048 www.ucsynergetic.com 1-508-281-4050	TMS NODE 4D-04 NEWTON, MA 62 DALTON RD
PREPARED FOR: <b>Nextg Networks</b>	POLE INFO: SURVEYED BY: UCS DRAWN BY: FL DATE: 07/05/11
PRINT NO: 3 OF 6 REVISIONS:	SCALE: N.T.S.

**REFERENCE SPECIFICATIONS:**  
 Rule 235 – Clearance for wires, conductors, or cables carried on the same supporting structure  
 Rule 235J – Clearance in any direction from supply line conductors to communication antennas in the supply space attached to the same supporting structure  
 1 – General: Comm antennas located in the supply space shall be installed and maintained only by personnel authorized and qualified to work in the supply space

**NODE 4D-04 EXISTING POLE PROFILE  
 WITHOUT METER  
 62 DALTON RD**



CLASS 2 (40') WOOD POLE  
 LATITUDE: 42.33141  
 LONGITUDE: -71.18971

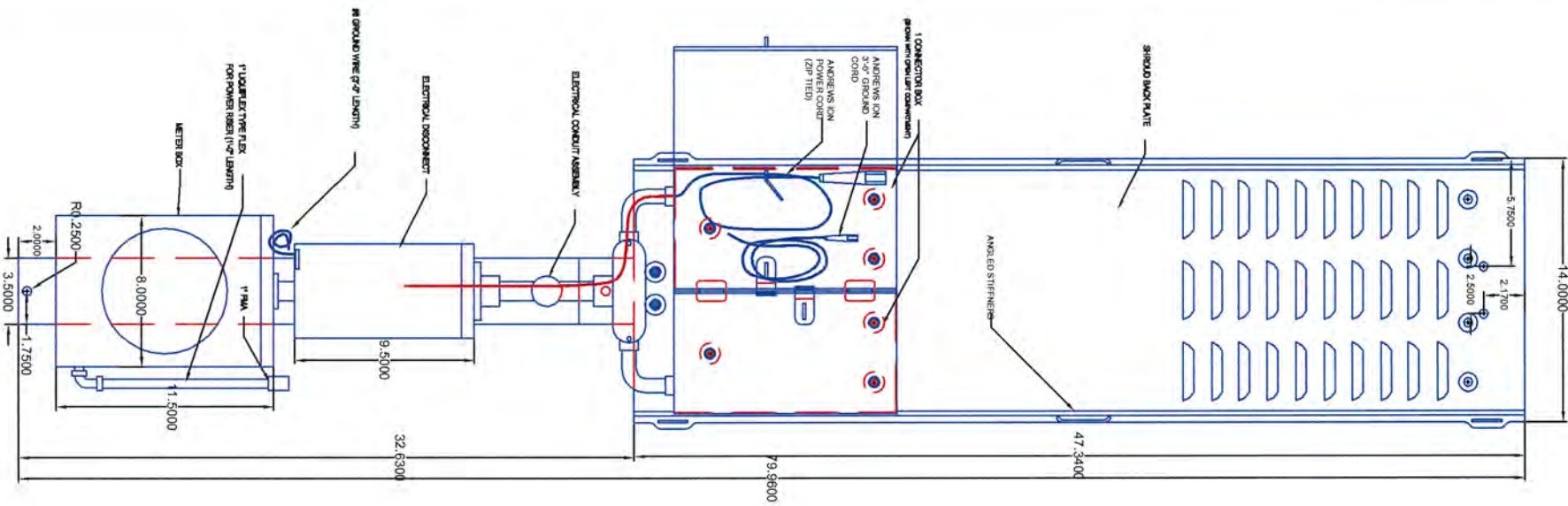


**\*PHOTO SIMULATION\***

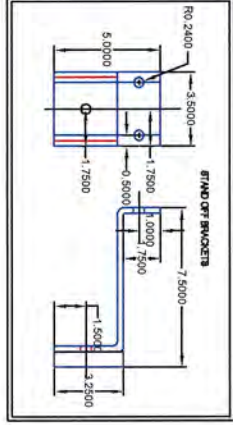
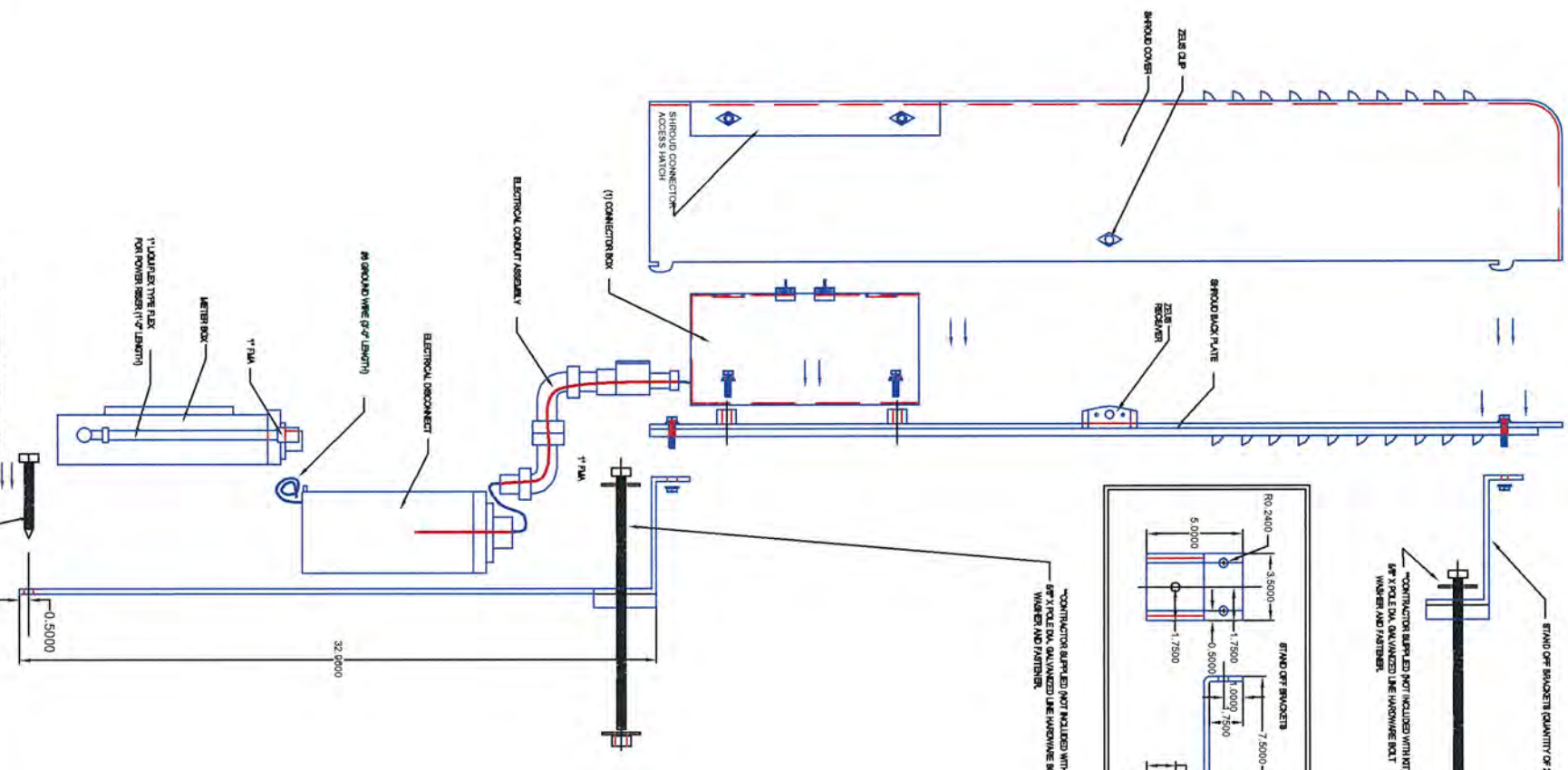


PREPARED BY: <b>UC SYNERGETIC</b> INNOVATIVE THINKING, ENGINEERED SOLUTIONS. 603 WEST STREET MANSFIELD, MA 02048 www.ucsynergetic.com 1-508-261-4000	TITLE: <b>NODE 4D-04</b> NEWTON, MA 62 DALTON RD
DRAWN BY: FL DATE: 07/05/11	PRINT NO: 4 OF 6 SCALE: N.T.S.
SUBMITTED BY: UCS	REVISIONS:

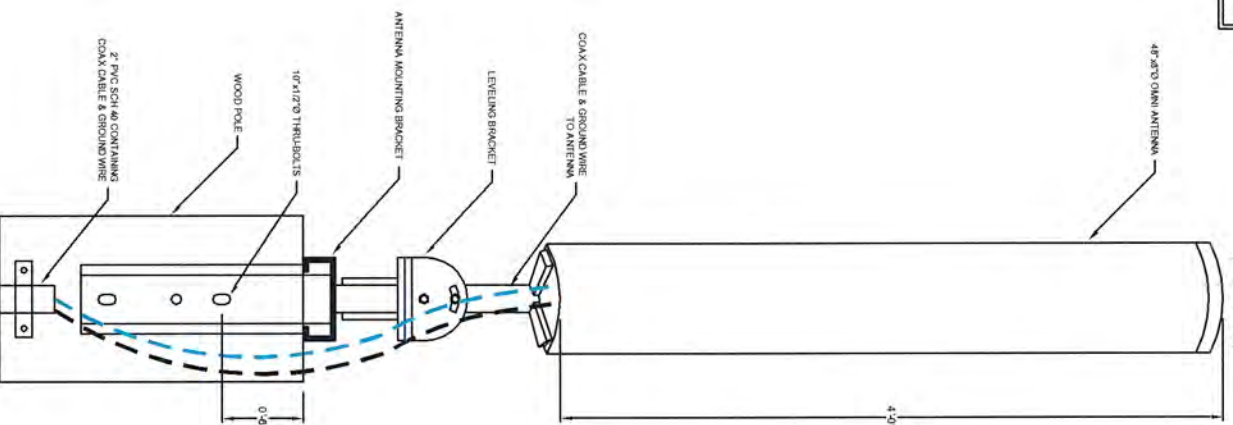
**FRONT VIEW**  
(WITH COVER REMOVED)



**ASSEMBLY**



**ANTENNA DETAIL**  
(SIDE VIEW)



ITEM	WEIGHT	OVERALL DIMENSIONS		
		WIDTH	HEIGHT	DEPTH
METER	2 LBS	11"	15 3/4"	4 1/2"
DISCONNECT	-	5"	9 1/2"	4 1/2"
ION	31 LBS	-	-	-
5' ENCLOSURE (WITH INTERNAL METER, DISCONNECT & (2) IONS)	127 LBS	14"	60"	8 1/2"
4' ENCLOSURE	127 LBS	14"	60"	8 1/2"
48" ANTENNA	13 LBS	8"	48"	8"
26" ANTENNA	10 LBS	8"	26"	8"
LEVELING KIT FOR POLE TOP EXTENSION	16 LBS	-	-	-
POLE TOP EXTENSION MOUNTING BRACKET	31 LBS	-	-	-
POLE TOP EXTENSION	28 LBS	8"	48"	8"
36" EXTENSION ARM WITH ANTENNA MOUNT	12.5 LBS	-	-	-
THROUGH BOLTS (10", 12" & 14")	3/4-1 LB	-	-	-
FLUSH MOUNT WITH LEVELING BRACKET	39 LBS	-	-	-
SHROUD (WITH METER, DISCONNECT & (2) IONS)	128 LBS	-	-	-
METER	-	-	-	-
METER	-	-	-	-
METER	-	-	-	-

**SPECIFICATIONS**

**SHROUD KIT SHRO7**

ITEM #	QTY	DESCRIPTION	HP PART #	VENDOR
1	1	SHROUD 48" X 14" X 9' INCLUDES 1 CONNECTING BOX/WALLETCHES		VIADORS
2	2	1/2" ALUMINUM CORD CONNECTORS		ROBERT F. CHAPMAN
3	2	1/2" ALUMINUM PLATE 3" X 14" X 3/8"		APPLETON
4	1	BRACKET, POLE STANDOFF		PATTONS
5	2	8MM X 1.25MM STAINLESS STEEL BOLT		ONE SOURCE
6	10	8MM STAINLESS STEEL FLAT WASHER		ALLEBNS FASTENERS
7	10	8MM STAINLESS STEEL LOCK WASHER		ALLEBNS FASTENERS
8	10	8MM STAINLESS STEEL FLAT WASHER		ALLEBNS FASTENERS
9	4	1/2" X 1 1/4" STAINLESS STEEL BOLT		ALLEBNS FASTENERS
10	8	1/2" FLAT WASHERS, STAINLESS STEEL		ALLEBNS FASTENERS
11	4	1/2" STAINLESS STEEL LOCK WASHER		ALLEBNS FASTENERS
12	4	1/2" STAINLESS STEEL NUT		ALLEBNS FASTENERS
13	1	LOAD CENTER, 2 POSITION 70A		SQUARE D
14	1	BREAKER, SINGLE PULL, 15 AMP		SQUARE D
15	1	HUB, 1"		IM BANK
16	1	NE BANK METER SOCKET		CEM
17	1	HUB, 1" RATIO		CEM
18	1	1" SMOOTH ENTRANCE NIPPLE		HALEX
19	1	T-FITTING, 1"		APPLETON
20	2	BUSHING, REDUCING 1" - 3/4"		CEM
21	2	SWEEP, 1" PECO		PECO
22	1	NIPPLE, 1" CLOSE NIPPLE		FIT
23	2	1/2" LOCK RINGS		APPLETON
24	2	1/2" BUSHINGS		BP
25	1	1" SMOOTH ENTRY NIPPLE		CEM
26	4	LOCK RING, 1" WEATHERPROOF		APPLETON
27	2	LOCK RING, 3/4"		APPLETON
28	2	NIPPLE, 3/4" WEATHERPROOF		APPLETON
29	2	NIPPLE, 3/4" CLOSE		FIT
30	3	BUSHING, PLASTIC 3/4"		BP
31	1	CONDUIT, LIQUIFLEX 3/4"		HOME DEPOT
32	1	FITTING, LIQUIFLEX 3/4" STRAIGHT		CEM
33	1	FITTING, LIQUIFLEX 3/4" X 90 DEGREE		CEM
34	1	BUSHING, PLASTIC 1"		CEM
35	1	ADAPTER, 3/4" FEMALE		HOME DEPOT
36	1	#12 STRANDED WHITE WIRE		HOME DEPOT
37	1	#12 STRANDED BLACK WIRE		HOME DEPOT
38	1	WIRE, #6 AWG STRANDED GREEN 3FT		CEM
39	1	LUG, #6 AWG 3/8" STD SINGLE HOLE		BRANDY
40	1	6" HEAT SHRINK, 3/8"		CEM
41	1	CUSTOM BOX		OROCKETT CONTAINERS

**SPECIFICATIONS**

RED HIDDEN LINES Represents any line of an object that is hidden from view.  
 BLUE SOLID LINES Represents any line of an object that is visible in a particular view.  
 BLACK HIDDEN LINES Represents items that are "not" included in KIT.

PREPARED BY: **SYNERGETIC**  
 INNOVATIVE THINKING, ENGINEERED SOLUTIONS.  
 603 WEST STREET  
 MANSFIELD, MA 02048  
 www.wsyngre.com 1-508-261-4100

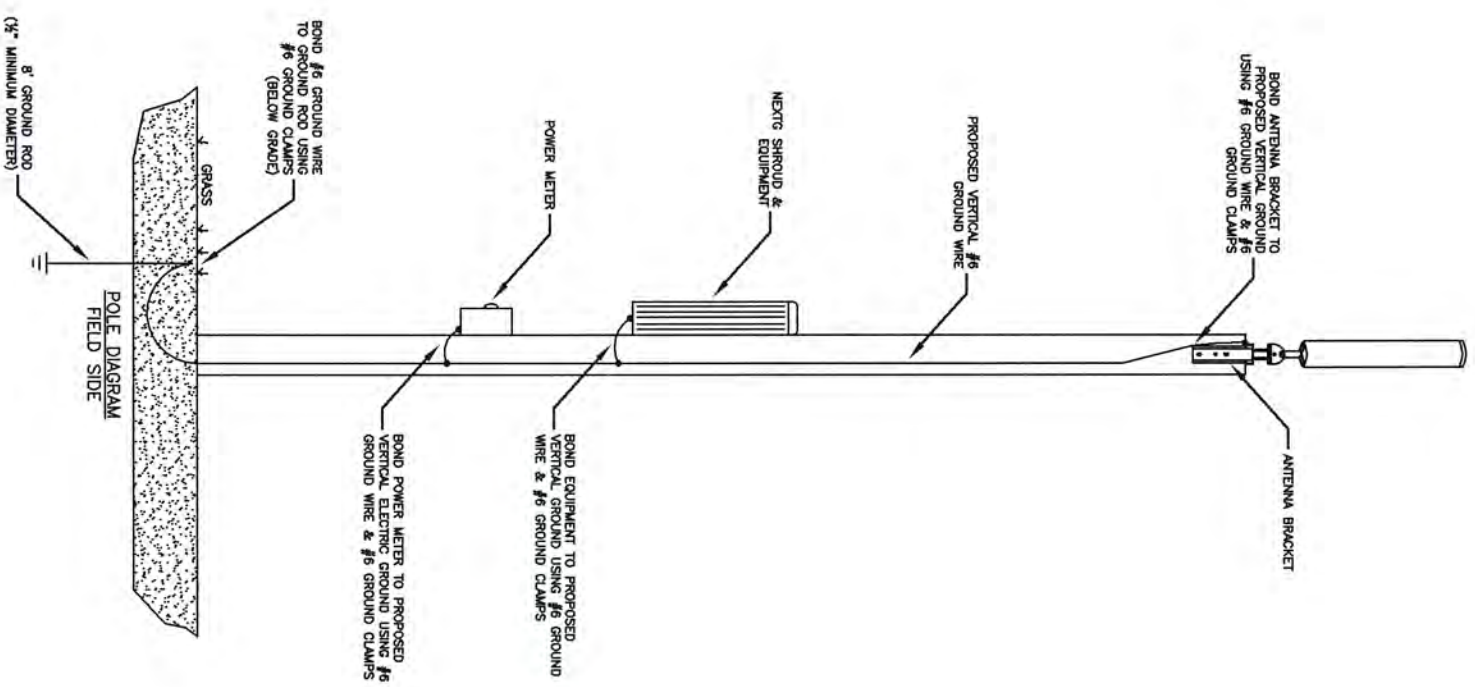
PROJECT: **NODE 4D-04**  
**SHROUD KIT & ANTENNA DETAIL**

DATE: 07/05/11

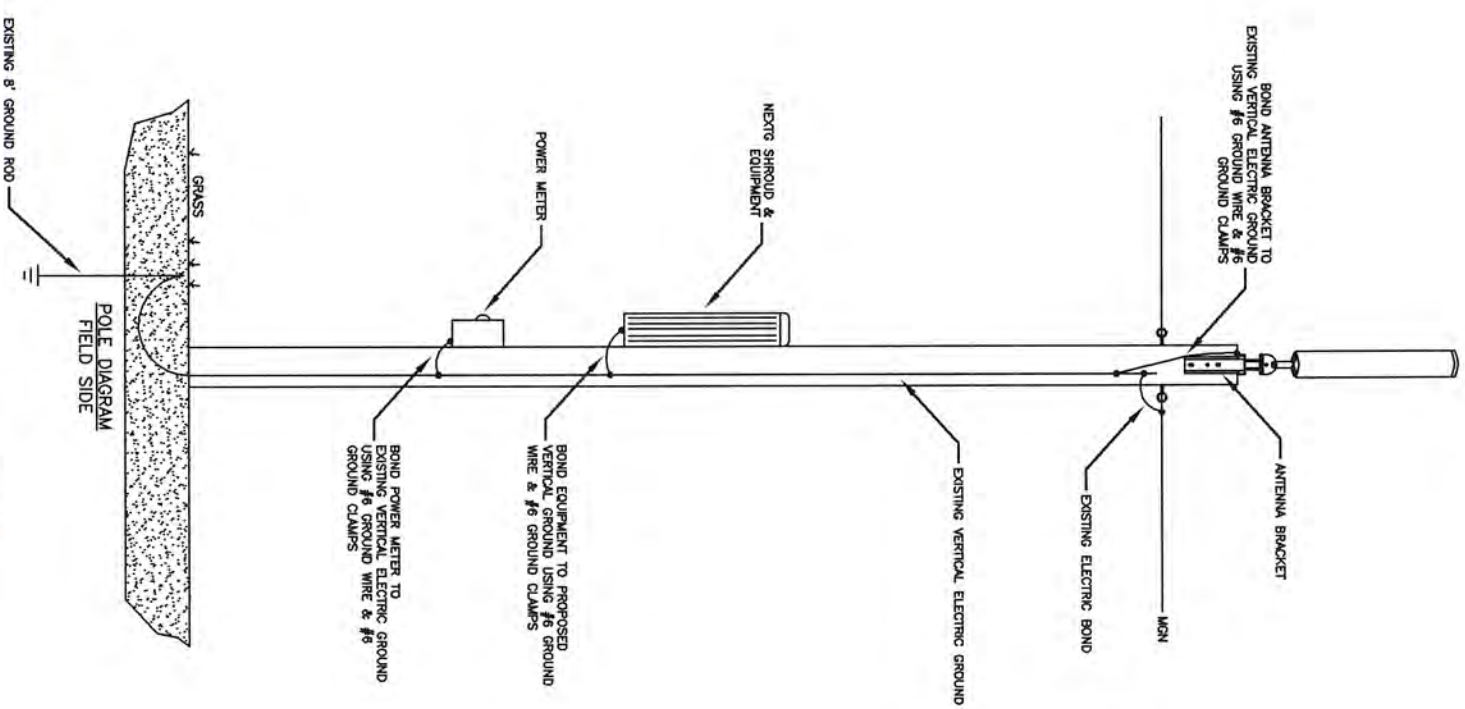


DESIGNED BY: UC	SCALE: N.T.S.
REVISIONS:	
PRINT NO: 5 OF 6	

PROPOSED VERTICAL GROUND



EXISTING VERTICAL ELECTRIC GROUND



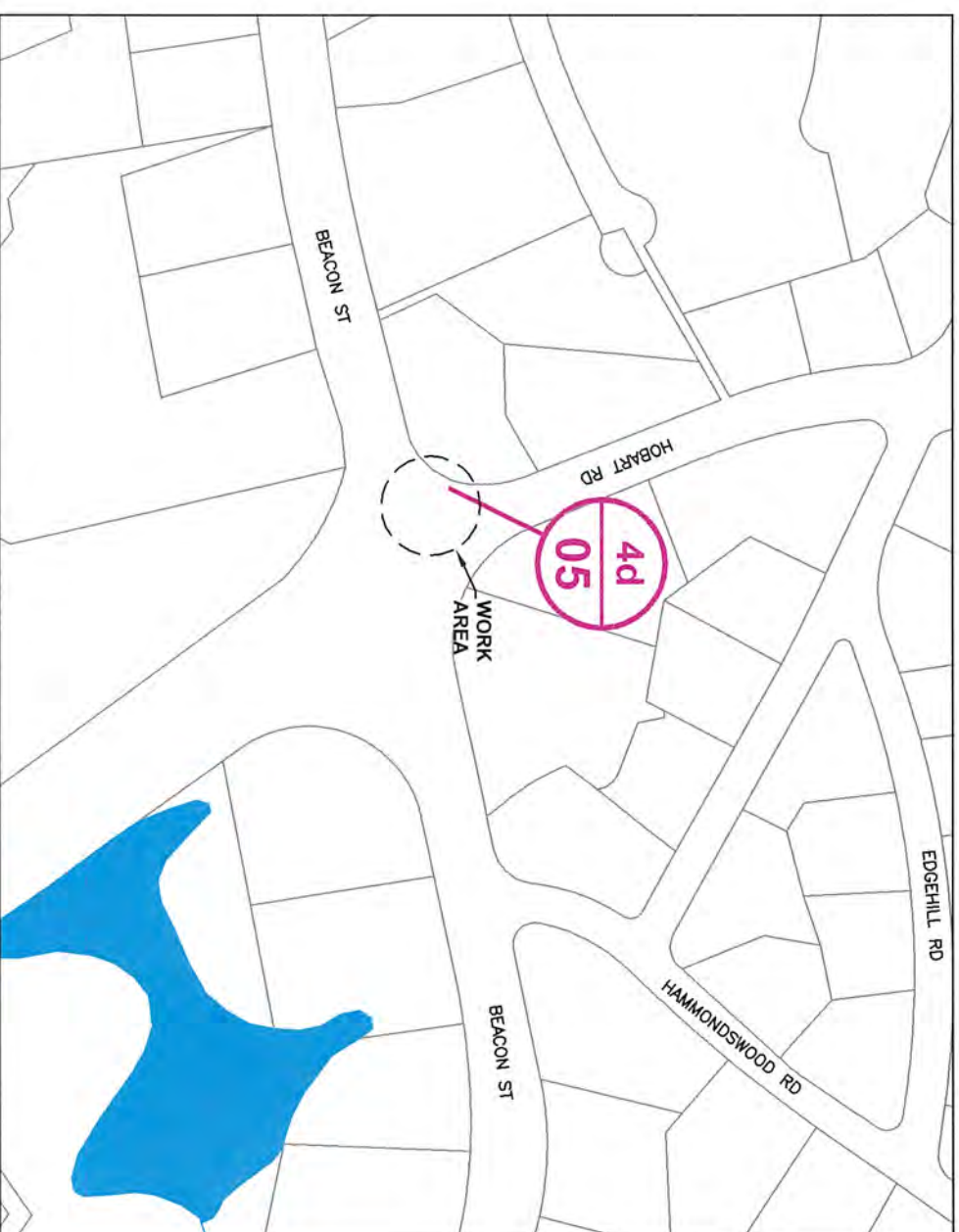
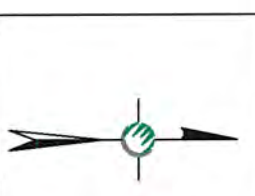
TYPICAL WOOD POLE GROUNDING DETAIL

N.T.S.

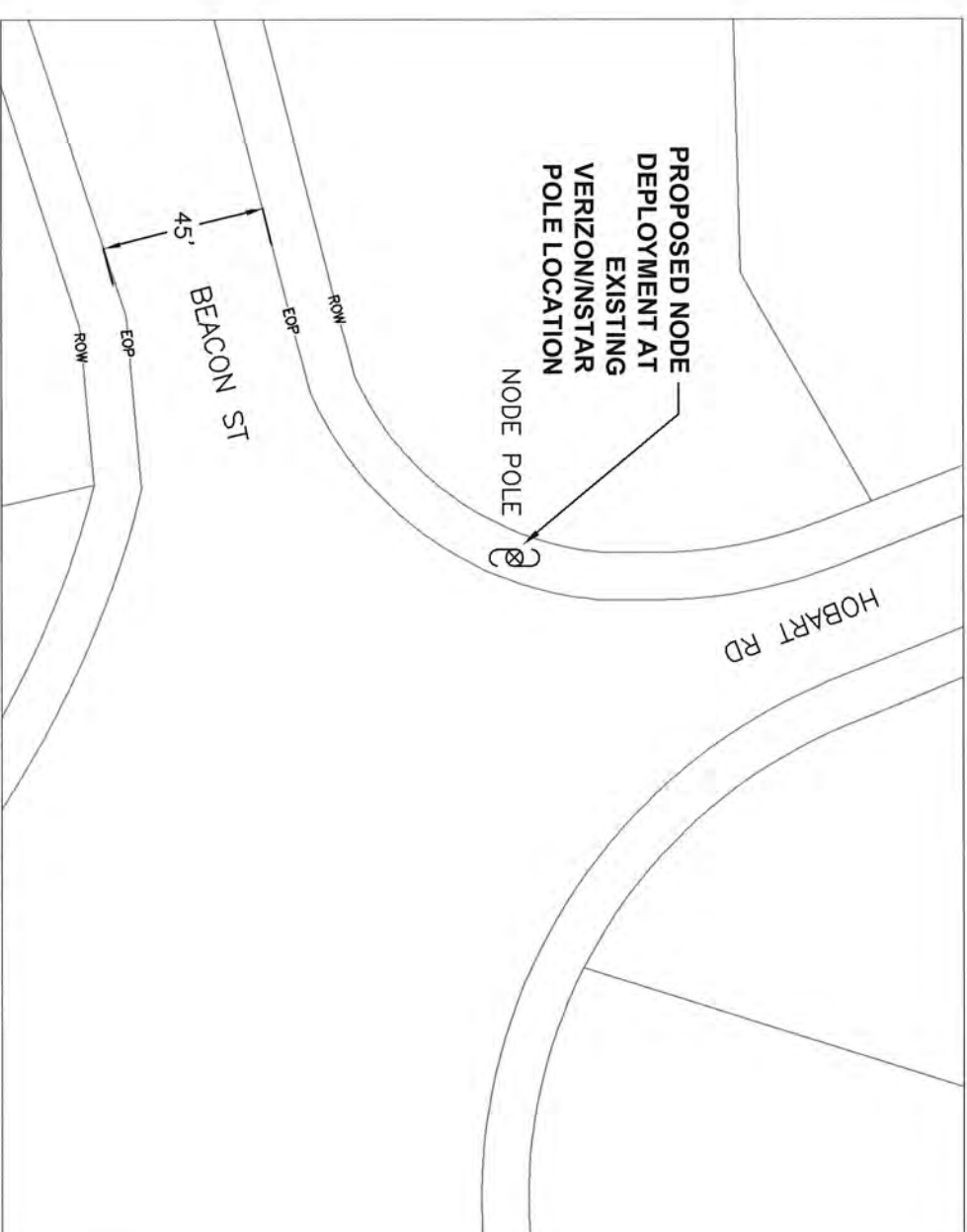
PREPARED BY: <b>UC SYNERGETIC</b> <small>INNOVATIVE THINKING. ENGINEERED SOLUTIONS.</small> 603 WEST STREET MANSFIELD, MA 02048 1-800-261-1050 www.ucsynergetic.com	NODE 4D-04 NEWTON, MA GROUNDING DETAIL
PREPARED FOR: <b>Nextg Networks</b>	SURVEYED BY: UCS PRINT NO: 6 OF 6
DRAWN BY: FL	REVISIONS:
DATE: 07/05/11	SCALE: N.T.S.



**NEXTG - NEWTON, MA - MPC1045A MANTN**  
**MICRO-CELL/NODE DEPLOYMENT**  
**CITY OF NEWTON, MIDDLESEX COUNTY, MASSACHUSETTS**



**LOCATION MAP**  
**LATITUDE: 42.33220 LONGITUDE: -71.18136**  
**SCALE: 1" = 200'**



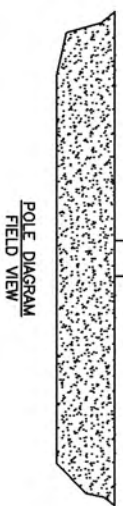
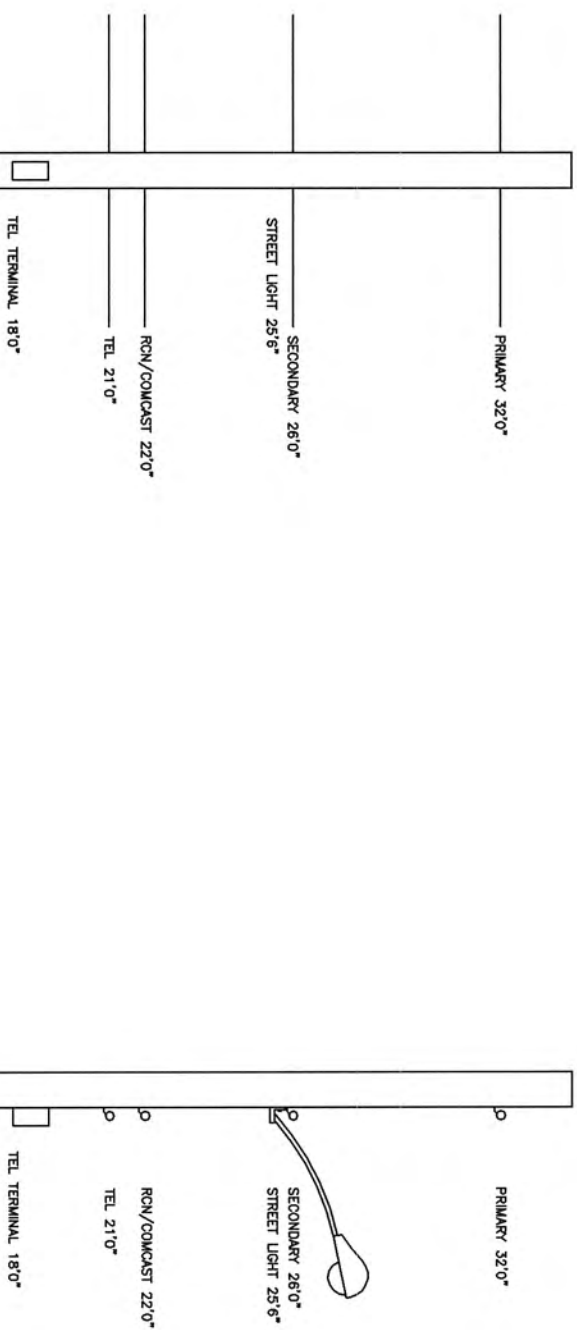
**PROPOSED NODE PLACEMENT**  
**PROJECT LOCATION - SITE# 4D-05**  
**SCALE: 1" = 50'**

NOTE: RIGHT OF WAY AND CENTERLINE  
 INFORMATION TAKEN FROM CITY OF NEWTON  
 GIS DATA

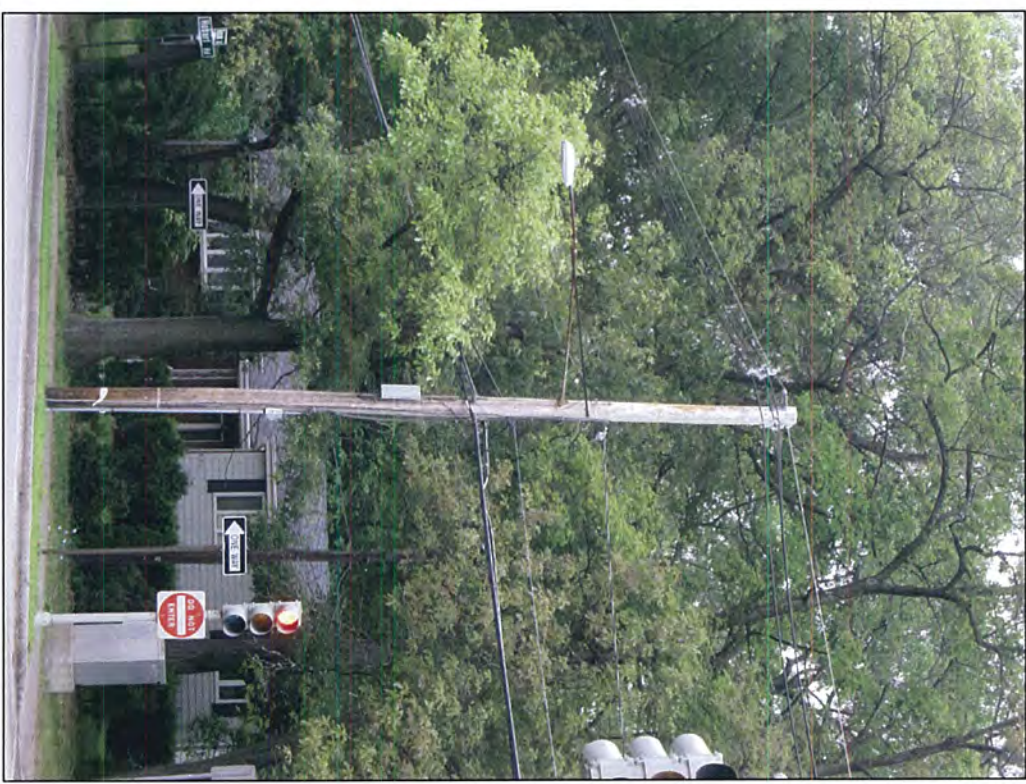



PREPARED BY: <b>UC SYNERGETIC</b> <small>INNOVATIVE THINKING, ENGINEERED SOLUTIONS.</small> 603 WEST STREET MANSFIELD, MA 02048 www.ucsynergetic.com 1-508-261-4060	TITLE: NODE 4D-05 NEWTON, MA 538 BEACON ST
PREPARED FOR: 	POLE INFO: SUBMITTED BY: UCS DRAWN BY: FL DATE: 07/05/11
PRINT NO: 1 OF 6 REVISIONS:	SCALE: N.T.S.

# NODE 4D-05 EXISTING POLE PROFILE 538 BEACON ST



CLASS 2 (40') WOOD POLE  
LATITUDE: 42.33220  
LONGITUDE: -71.18136



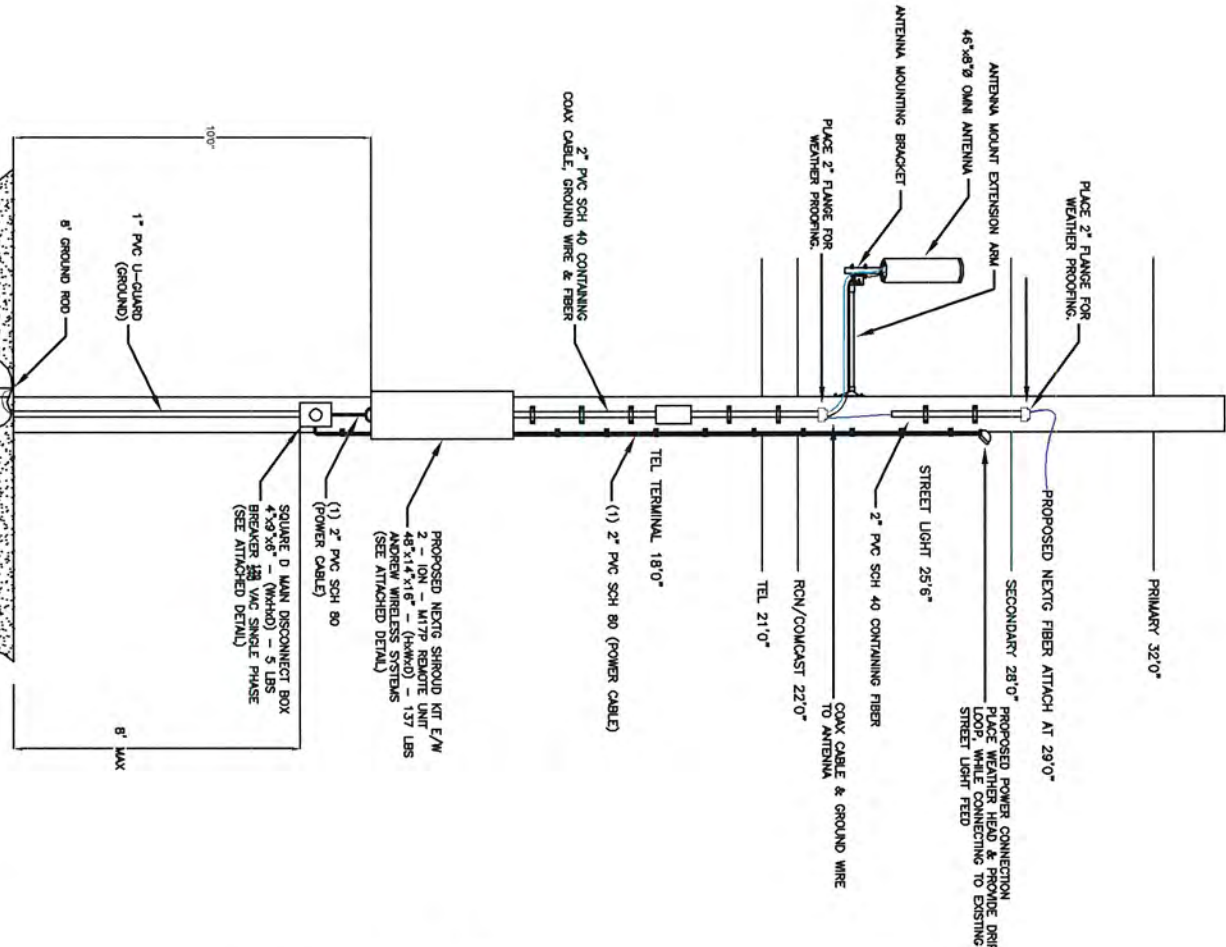
PREPARED BY: <b>UC SYNERGETIC</b> <small>INNOVATIVE THINKING. ENGINEERED SOLUTIONS.</small> 603 WEST STREET MANSFIELD, MA 02048 www.ucsynergetic.com 1-508-281-4050		PREPARED FOR:  <b>Nextg Networks</b>	
TITLE: NODE 4D-05 NEWTON, MA 538 BEACON ST		PRINT NO: 2 OF 6	
POLE INFO: SURVEYED BY: UCS		REVERSED:	
DRAWN BY: FL		SCALE: N.T.S.	
DATE: 07/05/11		SCALE: N.T.S.	

**REFERENCE SPECIFICATIONS:**

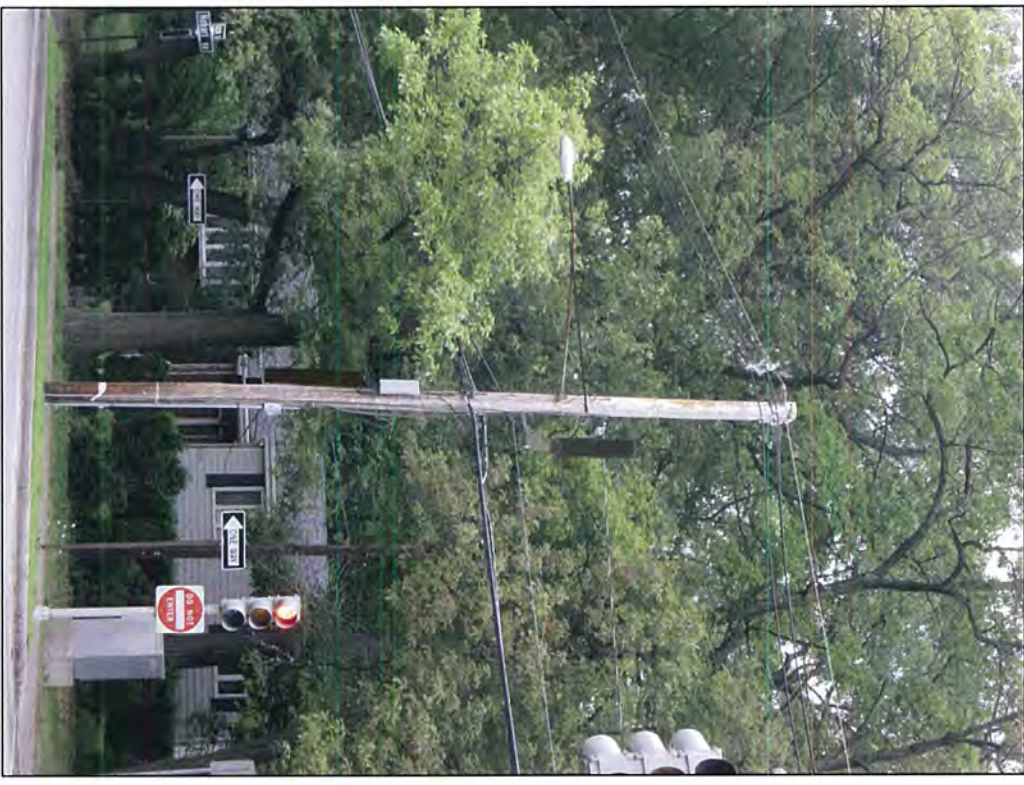
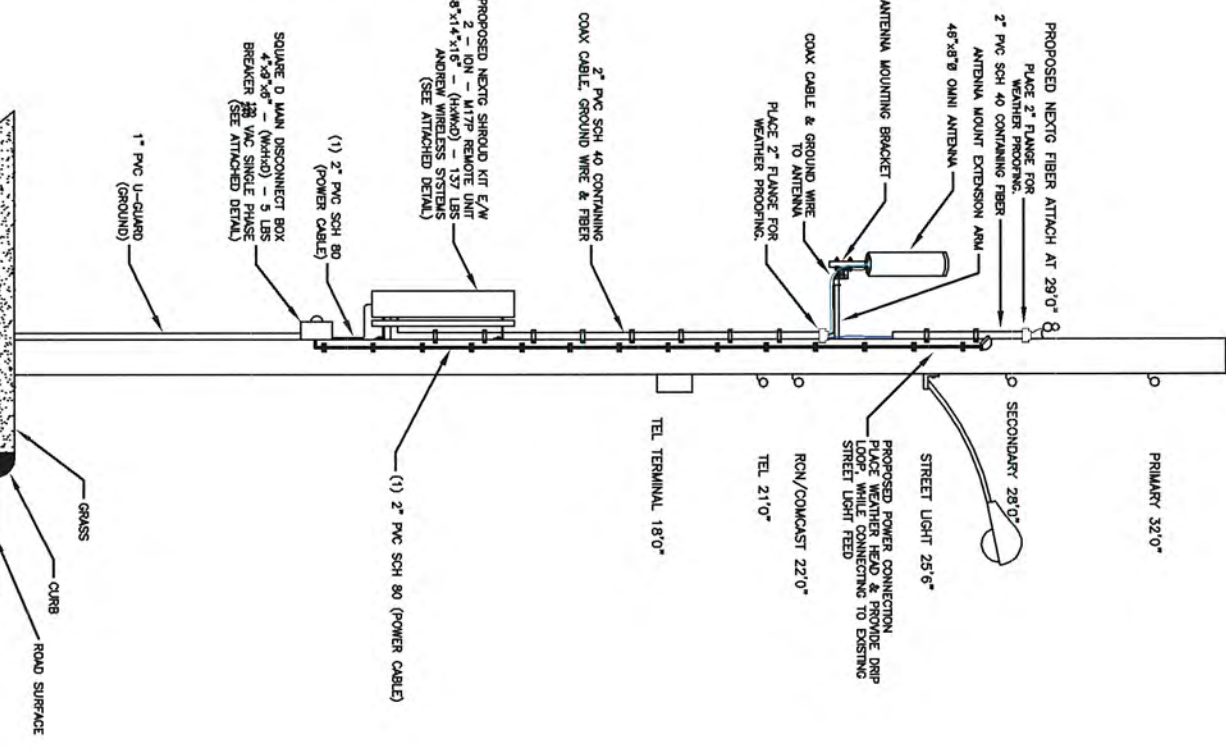
Rule 235 - Clearance for wires, conductors, or cables carried on the same supporting structure  
 Rule 235.1 - Clearance in any direction from supply line conductors to communication antennas in the supply space attached to the same supporting structure  
 1 - General: Comm antennas located in the supply space shall be installed and maintained only by personnel authorized and qualified to work in the supply space

**NODE 4D-05 EXISTING POLE PROFILE WITH METER**

**538 BEACON ST**



CLASS 2 (40') WOOD POLE  
 LATITUDE: 42.33220  
 LONGITUDE: -71.18136



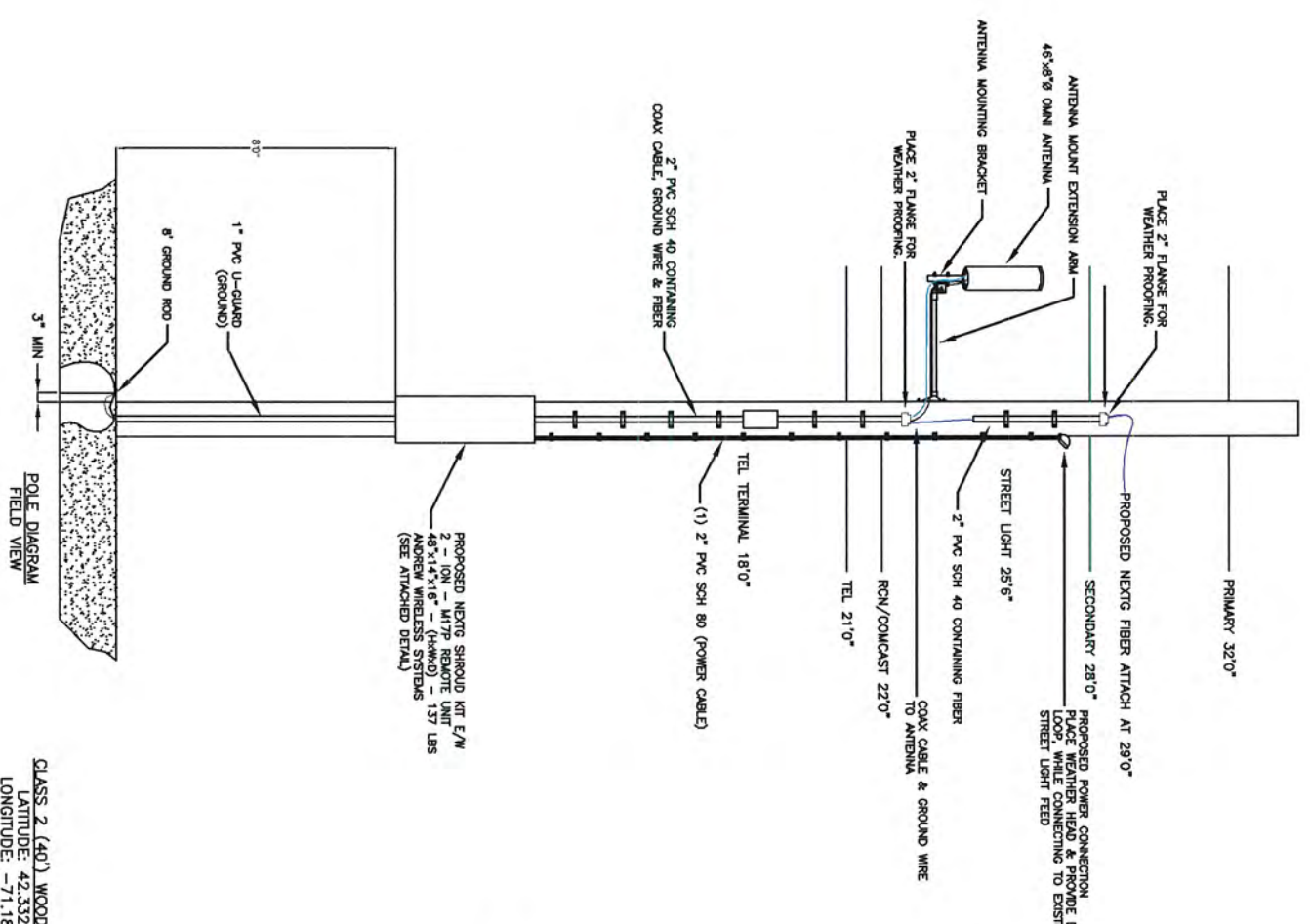
PREPARED BY: <b>UC SYNERGETIC</b> INNOVATIVE THINKING. ENGINEERED SOLUTIONS. 603 WEST STREET MANSFIELD, MA 02048 www.ucsynergetic.com 1-508-261-4050	TITLE: NODE 4D-05 NEWTON, MA 538 BEACON ST
PREPARED FOR: <b>Nextg Networks</b>	POLE INFO: SURVEYED BY: UCS DRAWN BY: FL DATE: 07/06/11
PRINT NO: 3 OF 6	SCALE: N.T.S.

**REFERENCE SPECIFICATIONS:**

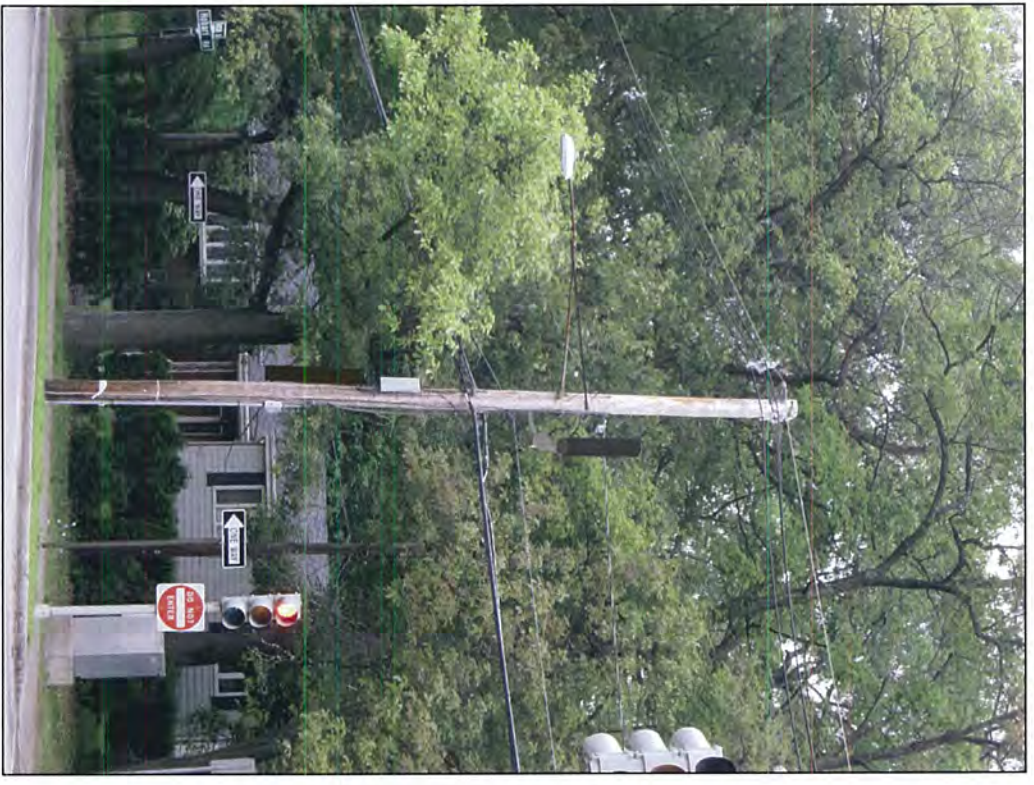
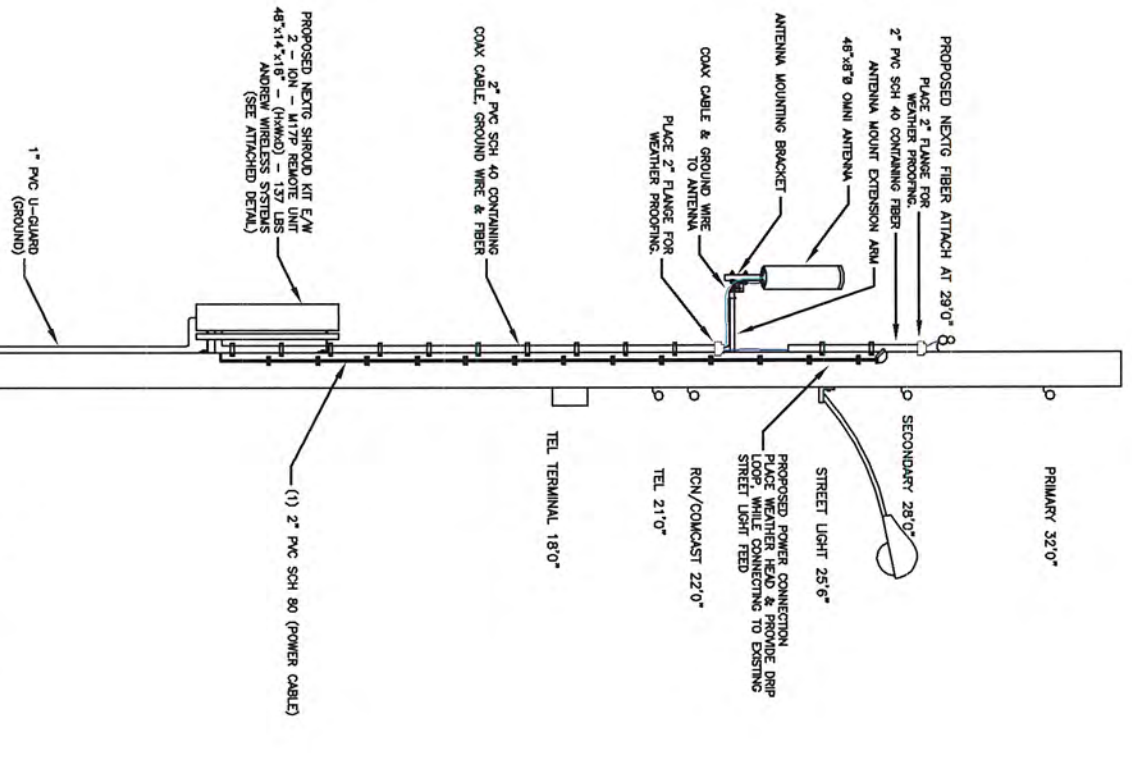
Rule 235 – Clearance for wires, conductors, or cables carried on the same supporting structure  
 Rule 235.1 – Clearance in any direction from supply line conductors to communication antennas in the supply space attached to the same supporting structure  
 1 – General: Comm antennas located in the supply space shall be installed and maintained only by personnel authorized and qualified to work in the supply space

**NODE 4D-05 EXISTING POLE PROFILE WITHOUT METER**

**538 BEACON ST**



CLASS 2 (40') WOOD POLE  
 LATITUDE: 42.33220  
 LONGITUDE: -71.18136

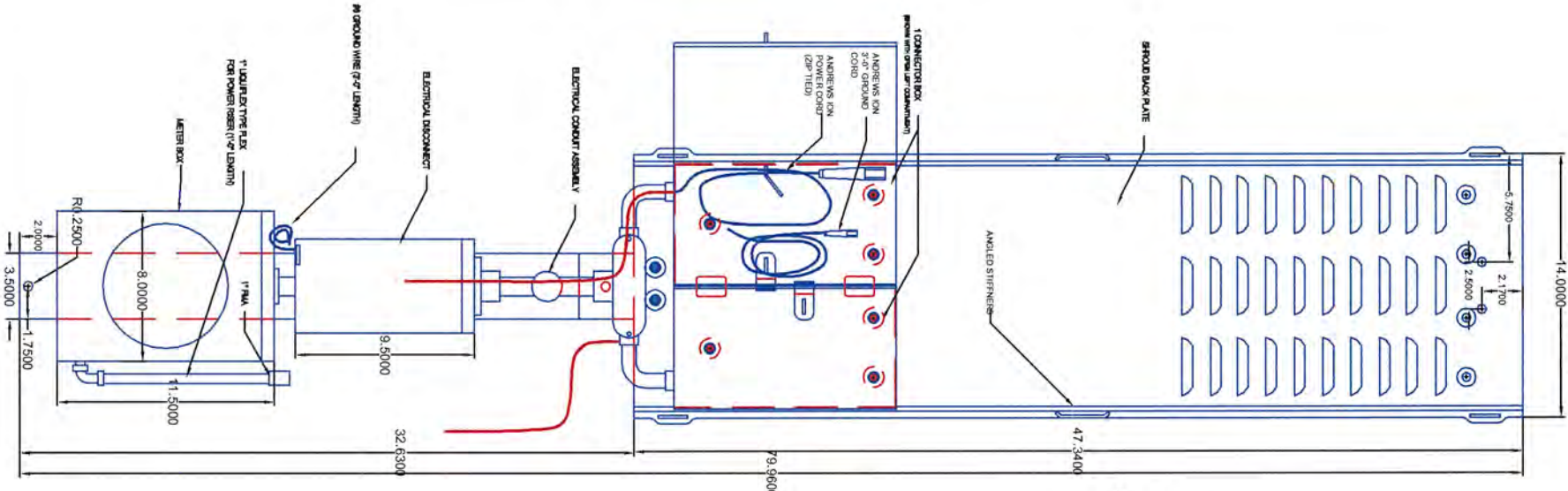


**\*PHOTO SIMULATION\***

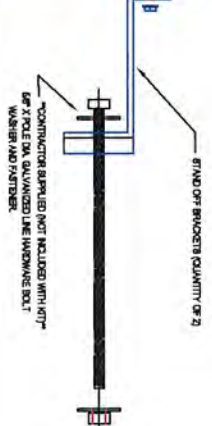
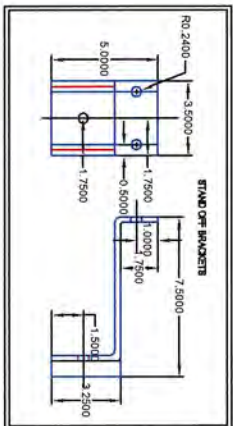
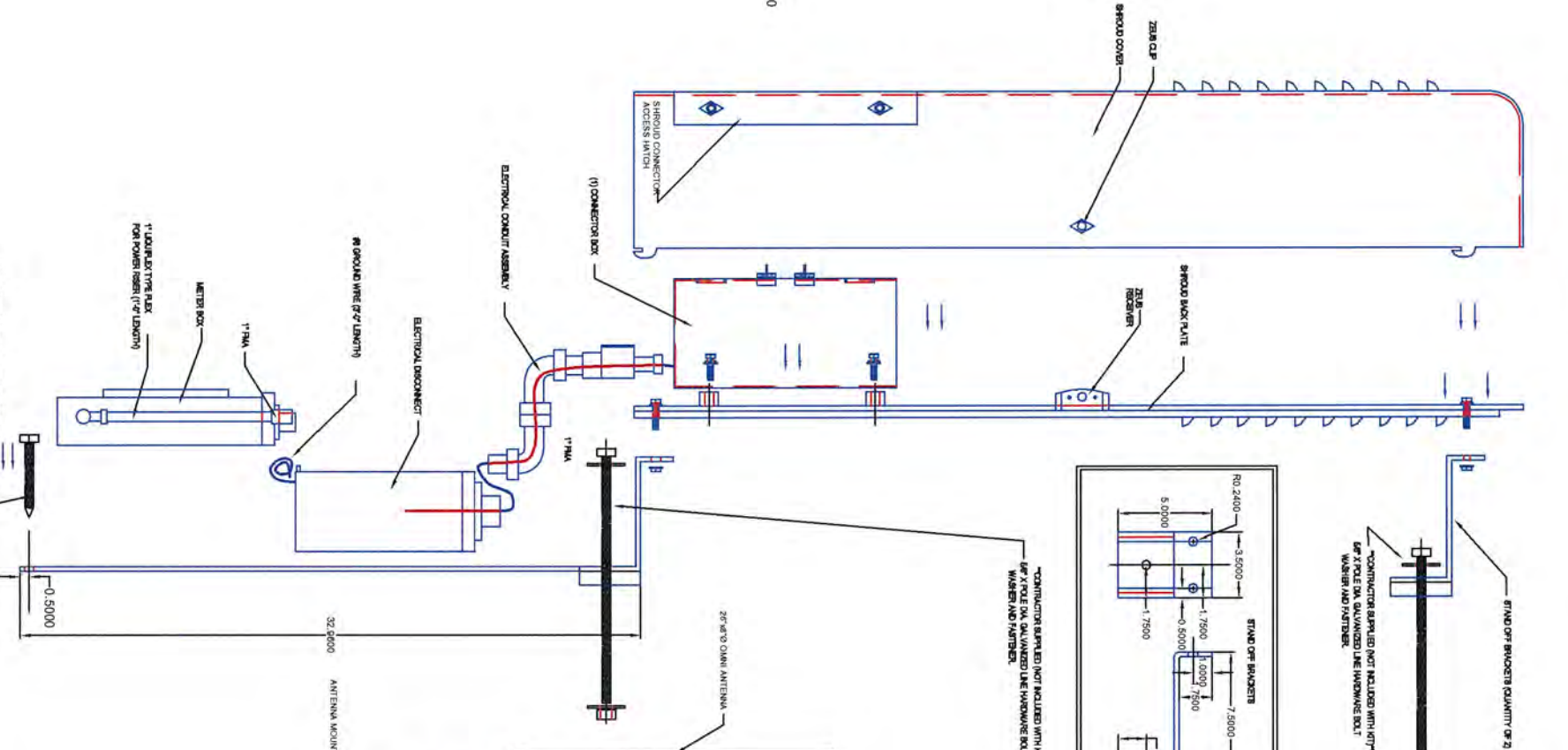


PREPARED BY: <b>UC SYNERGETIC</b> INNOVATIVE THINKING, ENGINEERED SOLUTIONS. 603 WEST STREET MANSFIELD, MA 02048 www.ucsynergetic.com 1-508-261-4000	TITLE: NODE 4D-05 NEWTON, MA 538 BEACON ST
PREPARED FOR: <b>Nextg Networks</b>	SURVEYED BY: UCS
DRAWN BY: FL	PRINT NO: 4 OF 6
DATE: 07/05/11	REVISIONS:
	SCALE: N.T.S.

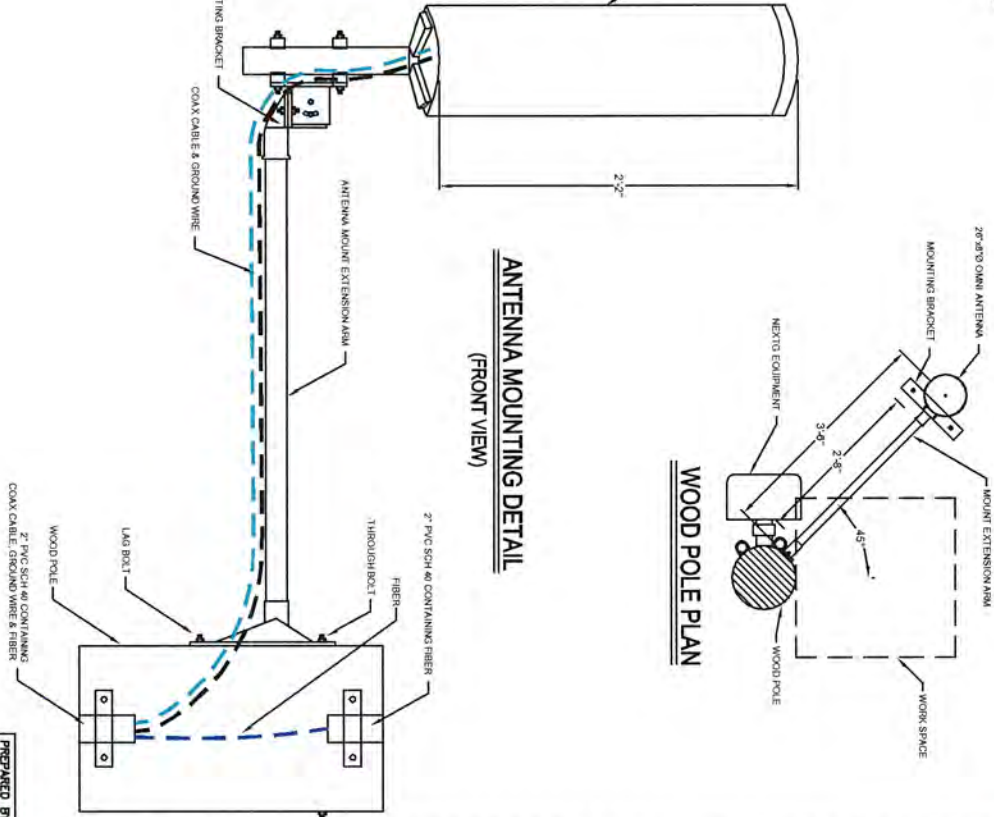
**FRONT VIEW**  
(WITH COVER REMOVED)



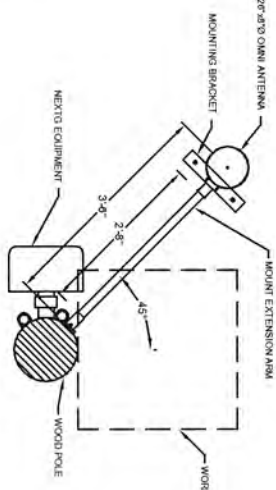
**ASSEMBLY**



**ANTENNA MOUNTING DETAIL**  
(FRONT VIEW)



**WOOD POLE PLAN**



ITEM	WEIGHT	OVERALL DIMENSIONS		
		WIDTH	HEIGHT	DEPTH
METER	2 LBS	11"	15 3/4"	4 1/2"
DISCONNECT	-	5"	9 1/2"	4 1/2"
ION	31 LBS	-	-	-
5' ENCLOSURE (WITH INTERNAL METER, DISCONNECT & (2) IONS)	127 LBS	14"	60"	8 1/2"
4' ENCLOSURE	127 LBS	14"	60"	8 1/2"
48" ANTENNA	13 LBS	8"	48"	8"
26" ANTENNA	10 LBS	8"	26"	8"
LEVELING KIT FOR POLE TOP EXTENSION	16 LBS	-	-	-
POLE TOP EXTENSION MOUNTING BRACKET	31 LBS	-	-	-
POLE TOP EXTENSION	28 LBS	8"	8"	8"
36" EXTENSION ARM WITH ANTENNA MOUNT	12.5 LBS	-	-	-
THROUGH BOLTS (10", 12" & 14")	3/4-1 LB	-	-	-
FLUSH MOUNT WITH LEVELING BRACKET	39 LBS	-	-	-
SHROUD (WITH METER, DISCONNECT & (2) IONS)	128 LBS	-	-	-
METER	-	-	-	-
METER	-	-	-	-
METER	-	-	-	-

**SPECIFICATIONS**

**SHROUD KIT SHM07**

ITEM #	QTY	DESCRIPTION	# PART #	VENIORS
1	1	SHROUD 48" X 14" X 8" INCLUDES 1 CONNECTING BOX W/ MOUNTING BRACKET	1	ROBERTT CHAPMAN
2	1	1/2" ALUMINUM CORD CONNECTORS	2	APPLETON
3	1	ALUMINUM PLATE 3" X 1 1/4" X 3/16"	3	PATTONS
4	1	BRACKET POLE STANDOFF	4	ONE SOURCE
5	2	BRACKET POLE STANDOFF	5	ALLBNS'FASTENERS
6	10	8MM X 1.25MM STAINLESS STEEL BOLT	6	ALLBNS'FASTENERS
7	10	8MM STAINLESS STEEL FLAT WASHER	7	ALLBNS'FASTENERS
8	10	8MM STAINLESS STEEL LOCK WASHER	8	ALLBNS'FASTENERS
9	4	1/2" X 1 1/4" STAINLESS STEEL BOLT	9	ALLBNS'FASTENERS
10	8	1/2" FLAT WASHERS, STAINLESS STEEL	10	ALLBNS'FASTENERS
11	4	1/2" STAINLESS STEEL LOCK WASHER	11	ALLBNS'FASTENERS
12	4	1/2" STAINLESS STEEL NUT	12	SQUARE D
13	1	LOAD CENTER, 2 POSITION 70A	13	SQUARE D
14	1	BREAKER, SINGLE PULL, 15 AMP	14	SQUARE D
15	1	HLB, 1"	15	SQUARE D
16	1	MILBANK METER SOCKET	16	MILBANK
17	1	HLB, 1" EX100	17	CEO
18	1	1" SMOOTH ENTRANCE NIPPLE	18	HALEX
19	1	T-FITTING, 1"	19	APPLETON
20	2	BUSHING, REDUCING 1" - 3/4"	20	PECO
21	2	SWEEP, 1" PECO	21	PECO
22	1	NIPPLE, 1" CLOSE NIPPLE	22	FIT
23	2	1/2" LOCK RINGS	23	APPLETON
24	2	1/2" BUSHINGS	24	BP
25	1	1" SMOOTH ENTRY NIPPLE	25	CEO
26	4	LOCK RING, 1" WEATHERPROOF	26	APPLETON
27	2	LOCK RING, 3/4" WEATHERPROOF	27	APPLETON
28	2	NIPPLE, 3/4" CLOSE	28	FIT
29	3	BUSHING, PLASTIC, 3/4"	29	BP
30	3	CONDUIT, LIQUIDLEX 3/4"	30	HOME DEPOT
31	1	FITTING, LIQUIDLEX 3/4"	31	CEO
32	1	FITTING, LIQUIDLEX 3/4" X 90 DEGREE	32	CEO
33	1	BUSHING, PLASTIC, 1"	33	CEO
34	1	ADAPTER, 3/4" FEMALE	34	HOME DEPOT
35	1	#12 STRANDED WHITE WIRE	35	HOME DEPOT
36	1	#12 STRANDED BLACK WIRE	36	HOME DEPOT
37	1	WIRE, #6 AWG STRANDED GREEN 3FT	37	CEO
38	1	LUG, #6 AWG 3/8" STD SINGLE-HOLE	38	BLANDY
39	1	#6 HEAT SHRINK 3/8"	39	CEO
40	1	CUSTOM BOX	40	CEO
41	1	CROCKETT CONTAINER	41	CEO

**SPECIFICATIONS**

— RED HIDDEN LINES Represents any line of an object that is hidden from view.  
 — BLUE SOLID LINES Represents any line of an object that is visible in a particular view.  
 — BLACK HIDDEN LINES Represents items that are "not" included in kit.

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 INNOVATIVE THINKING, ENGINEERED SOLUTIONS.  
 603 WEST STREET  
 MANSFIELD, MA 02048  
 www.ucsynthetic.com 1-508-261-4460

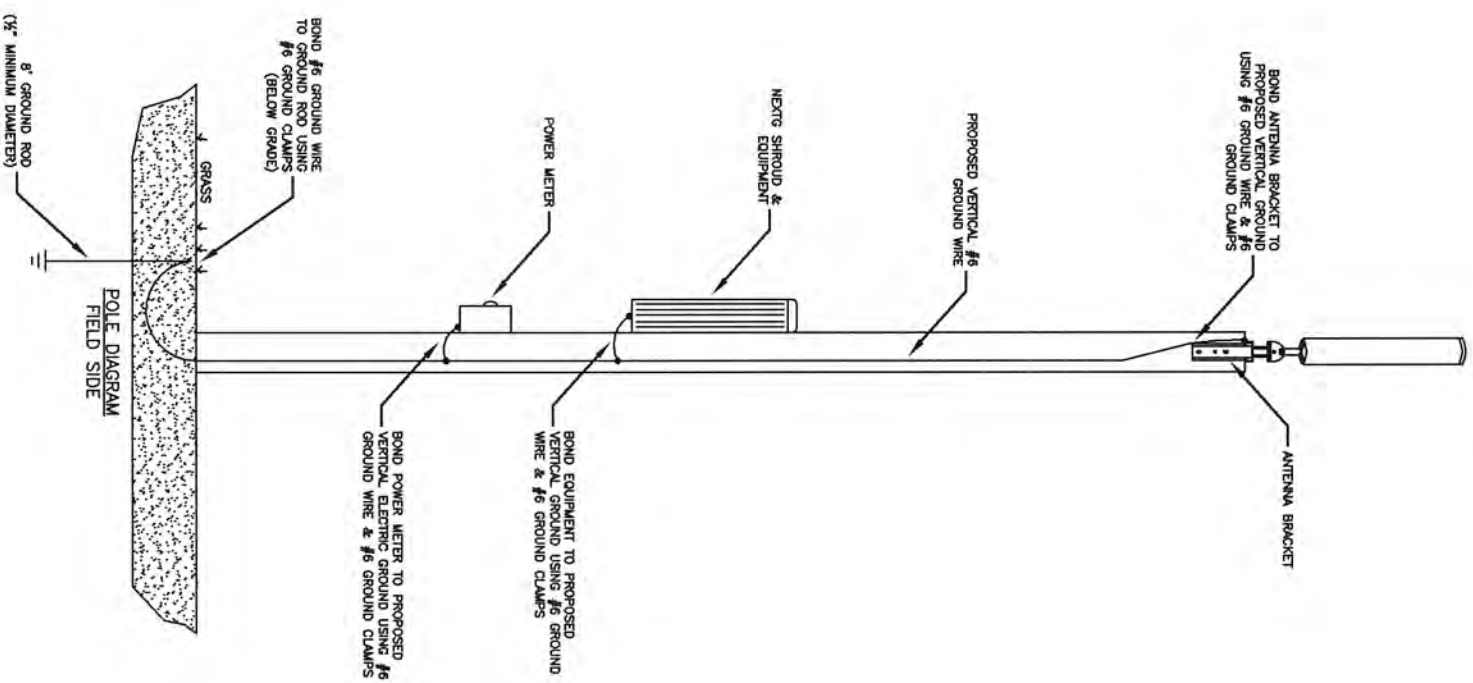
POLE INFO: **NODE 4D-05**  
**SHROUD KIT & ANTENNA DETAIL**

SUBMITTED BY: UCS  
 DRAWN BY: FL  
 DATE: 07/05/11

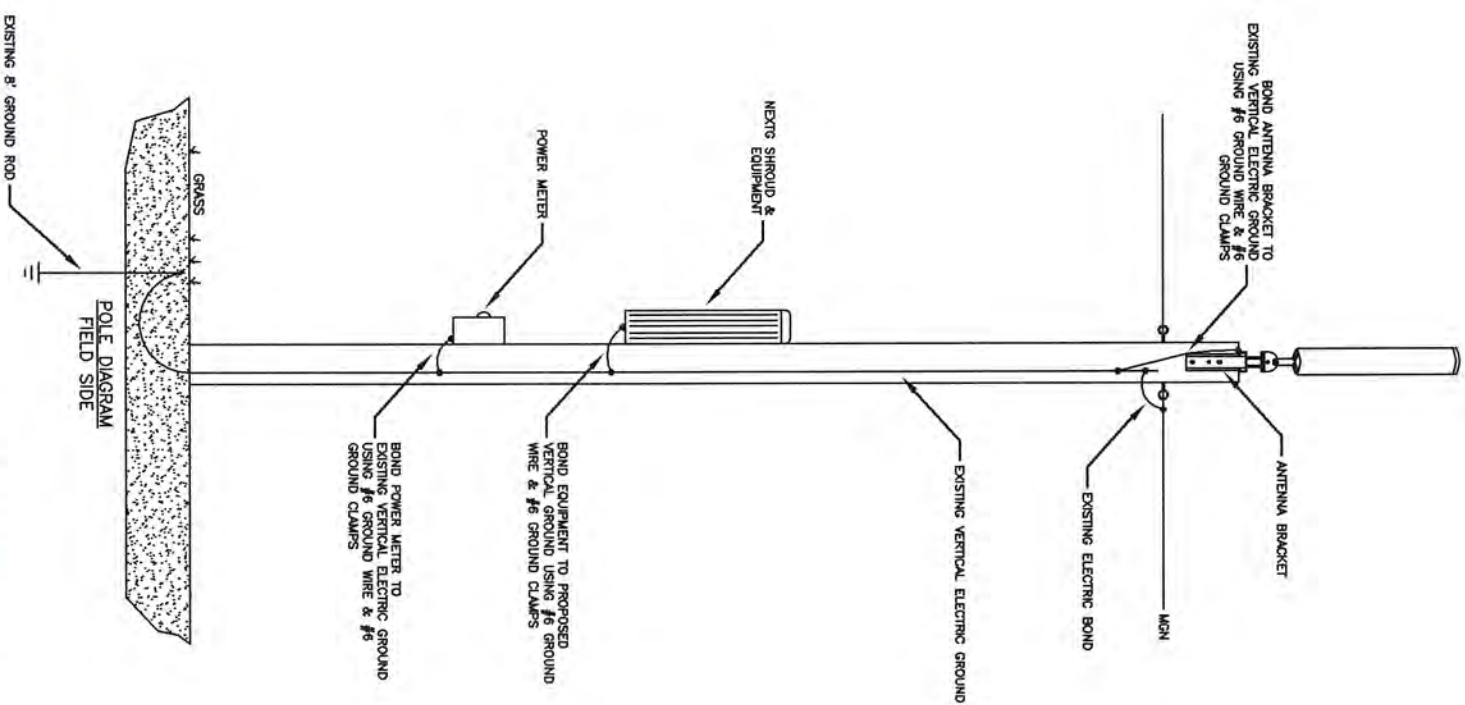
PRINT NO: 5 OF 6  
 REVISIONS:  
 SCALE: N.T.S.

**8** **Nanta Networks**

PROPOSED VERTICAL GROUND



EXISTING VERTICAL ELECTRIC GROUND



TYPICAL WOOD POLE GROUNDING DETAIL

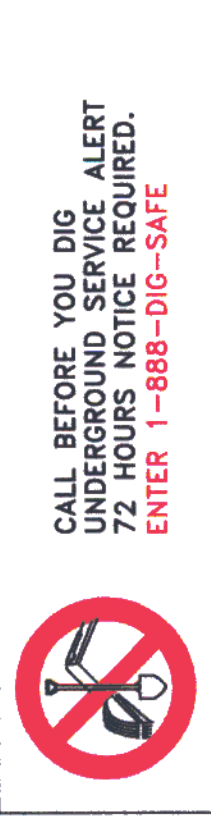
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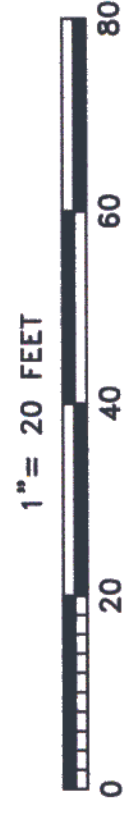
<p>PREPARED BY: <b>UC SYNERGETIC</b> INNOVATIVE THINKING. ENGINEERED SOLUTIONS. 603 WEST STREET MANSFIELD, MA 02048 www.ucsynergetic.com 1-508-281-4050</p>	<p>DATE: 07/05/11</p>
<p>PREPARED FOR: <b>Nextg Networks</b></p>	<p>SCALE: N.T.S.</p>
<p>POLE INFO: NODE 4D-04 NEWTON, MA GROUNDING DETAIL</p>	<p>PRINT NO: 6 OF 6</p>
<p>SUBMITTED BY: UCS</p>	<p>REVISED:</p>
<p>DRAWN BY: FL</p>	<p>REVISIONS:</p>

**GENERAL NOTES**

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
3. THE CONTRACTOR SHOULD MAINTAIN A SEPARATION OF 18 INCHES MIN. WHEN CROSSING EXISTING WATER FACILITIES.
4. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANY.
5. THE CONTRACTOR SHALL NOT DISTURB PUBLIC TREES AND SHRUBS.
6. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING AND MAINTAINING TEMPORARY RESURFACING AND/OR PLATING FOR ALL EXCAVATIONS IN PAVED STREETS AND SIDEWALKS UNTIL PERMANENT RESURFACING IS COMPLETE.
8. JOINTS BETWEEN NEW BITUMINOUS CONCRETE ROADWAY PAVEMENT AND SAW CUT EXISTING PAVEMENT SHALL BE SEALED WITH BITUMEN AND BACK SANDED.
9. THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL EXISTING UTILITY LINES THAT BECOME EXPOSED DUE TO EXCAVATION REQUIRED TO INSTALL THE PROPOSED CONDUIT.
10. THE CONTRACTOR SHALL REPLACE ALL DISTURBED TRAFFIC SIGNAL LOOP DETECTORS TO GOOD WORKING CONDITION AS REQUIRED BY THE LATEST STANDARDS OF THE MUNICIPAL TRAFFIC DEPARTMENT.
11. ALL EXISTING STATE, COUNTY, CITY, AND TOWN LOCATION LINES AND PRIVATE PROPERTY LINES HAVE BEEN ESTABLISHED FROM AVAILABLE INFORMATION AND THEIR EXACT LOCATION ARE NOT GUARANTEED.
12. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT MARKINGS IN THEIR ENTIRETY THAT HAVE BEEN DAMAGED BY TRENCH EXCAVATION OR OPERATIONS OF THE CONTRACTOR WITH SIMILAR COLOR AND SIZE THERMOPLASTIC MARKINGS.



REV#	DATE	REVISION HISTORY
1	7/13/11	DESCRIPTION / DRAFTER
		M/WRA CROSS SECTION (FL)



STREET: ASPHALT  
SIDEWALK: CONCRETE  
CURB: GRANITE

**NOTE:**  
THE LOCATION OF SURFACE AND UNDERGROUND OBJECTS SHOWN ARE NOT WARRANTED TO BE CORRECT.

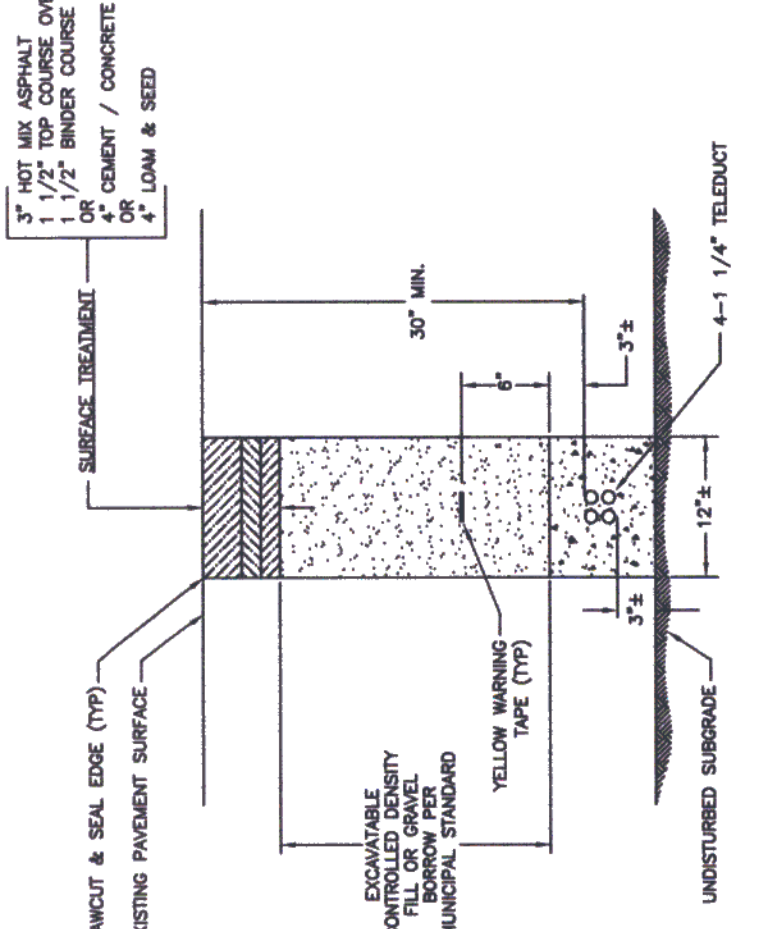
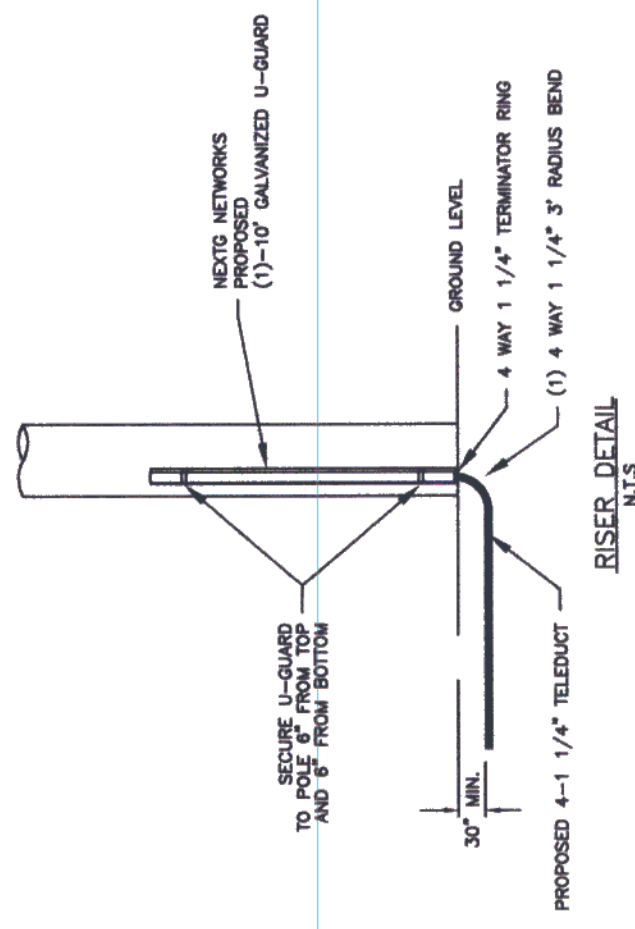
LEGEND	
	UTILITY POLE
	STREET LIGHT
	TRAFFIC LIGHT
	BWSG HH
	ELECTRIC HH
	GAS GATE
	WATER GATE
	UNKNOWN GATE
	SEWER MH
	DRAIN MH
	TELEPHONE MH
	ELECTRIC MH
	STEAM MH
	CABLE TV MH
	UNKNOWN MH
	LEVEL 3 MH
	MAIL BOX
	COMM PEDESTAL
	PARKING METER(S)
	STEEL POST
	SIGN POLE
	HYDRANT
	TRASH CAN
	CATCH BASIN
	STONE BOUND
	PROPERTY LINE
	FIRE ALARM
	TRAFFIC BOX
	UNKNOWN HH
	TRAFFIC HH
	PROPOSED MH
	PROPOSED CONDUIT

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INNOVATIVE THINKING. ENGINEERED SOLUTIONS.  
603 WEST STREET  
NEWTON, MA 02459  
www.ucsynergistic.com 1-800-201-4000

PREPARED FOR: **NextG Networks**

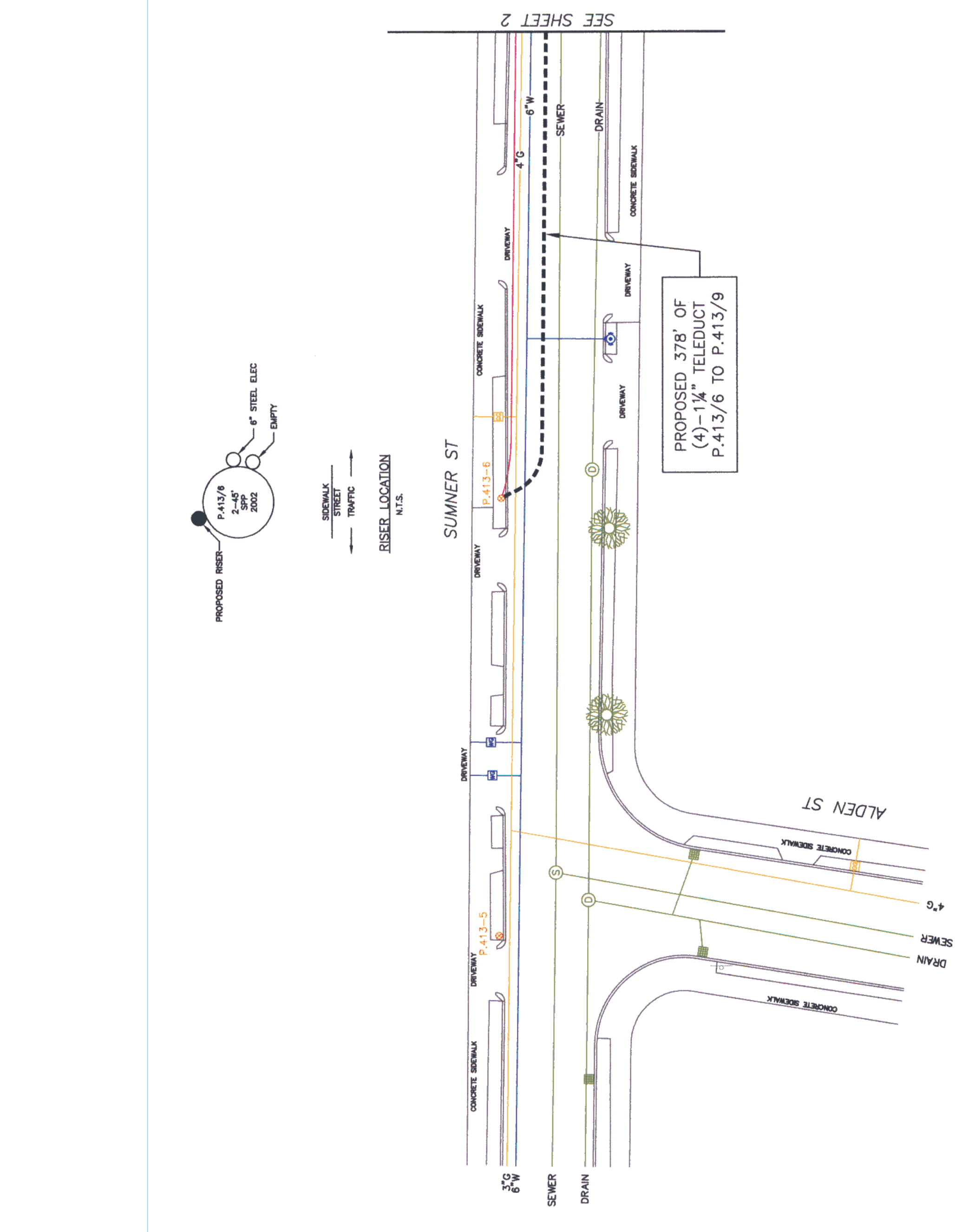
PROJECT: **SUMNER ST AT COMMONWEALTH AVE**  
NEWTON, MA

REVISIONS:  
INDEX SHEET:  
SURVEYED BY: UCS  
PRINT NO: 1 OF 2  
DRAWN BY: DCM/MRM  
SYSTEM PRINT NO:  
DATE: 7/27/11  
SCALE: 1" = 20'

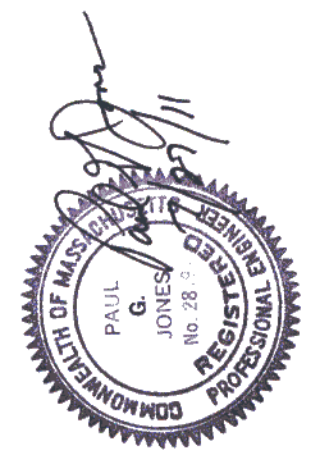


**NEXTG NETWORKS PROPOSED DUCT CONFIGURATION SURFACE PATCH AND DUCT BANK INSTALLATION DETAIL (NOT TO SCALE)**

NOTES: ALL CRACKED CONCRETE SURFACES AND EXISTING PAVEMENT EDGES SHALL BE JACK COATED PRIOR TO POURING NEW BITUMINOUS CONCRETE.



PROPOSED 378' OF (4)-1 1/4" TELEDUCT P.413/6 TO P.413/9



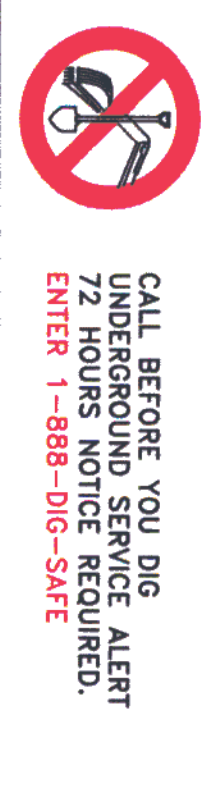
PE STAMP



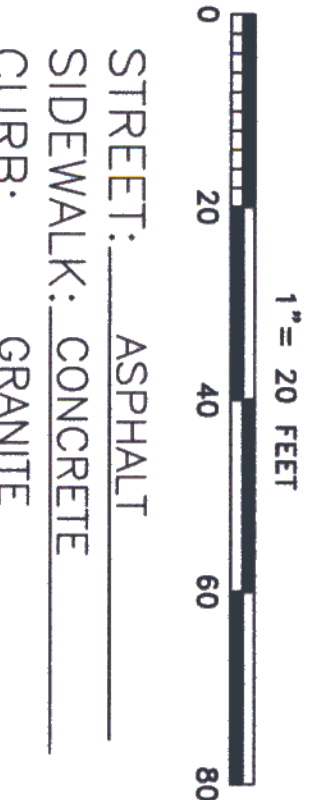
SEE SHEET 2

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REV#	DATE	DESCRIPTION / DRAWER
1	7/13/11	MWRA CROSS SECTION (FJ)



STREET: ASPHALT  
SIDEWALK: CONCRETE  
CURB: GRANITE

**NOTE:**  
THE LOCATION OF SURFACE AND UNDERGROUND OBJECTS SHOWN ARE NOT WARRANTED TO BE CORRECT.

LEGEND	
	UTILITY POLE
	STREET LIGHT
	TRAFFIC LIGHT
	SEWER MH
	DRAIN MH
	TELEPHONE MH
	ELECTRIC MH
	STEAM MH
	GAS GATE
	CABLE TV MH
	UNKNOWN MH
	WATER GATE
	LEVEL 3 MH
	CATCH BASIN
	PROPOSED CONDUIT
	MAIL BOX
	COAM PEDESTAL
	PARKING METER(S)
	FIRE ALARM
	PROPERTY LINE
	STONE BOUND
	TRAFFIC BOX
	UNKNOWN MH
	TRAFFIC MH
	HYDROANT
	TRASH CAN
	PROPOSED MH

PREPARED BY: **SYNERGETIC**  
303 WEST STREET  
MANASSAS, VA 20108  
www.synergetic.com 1-800-261-4009

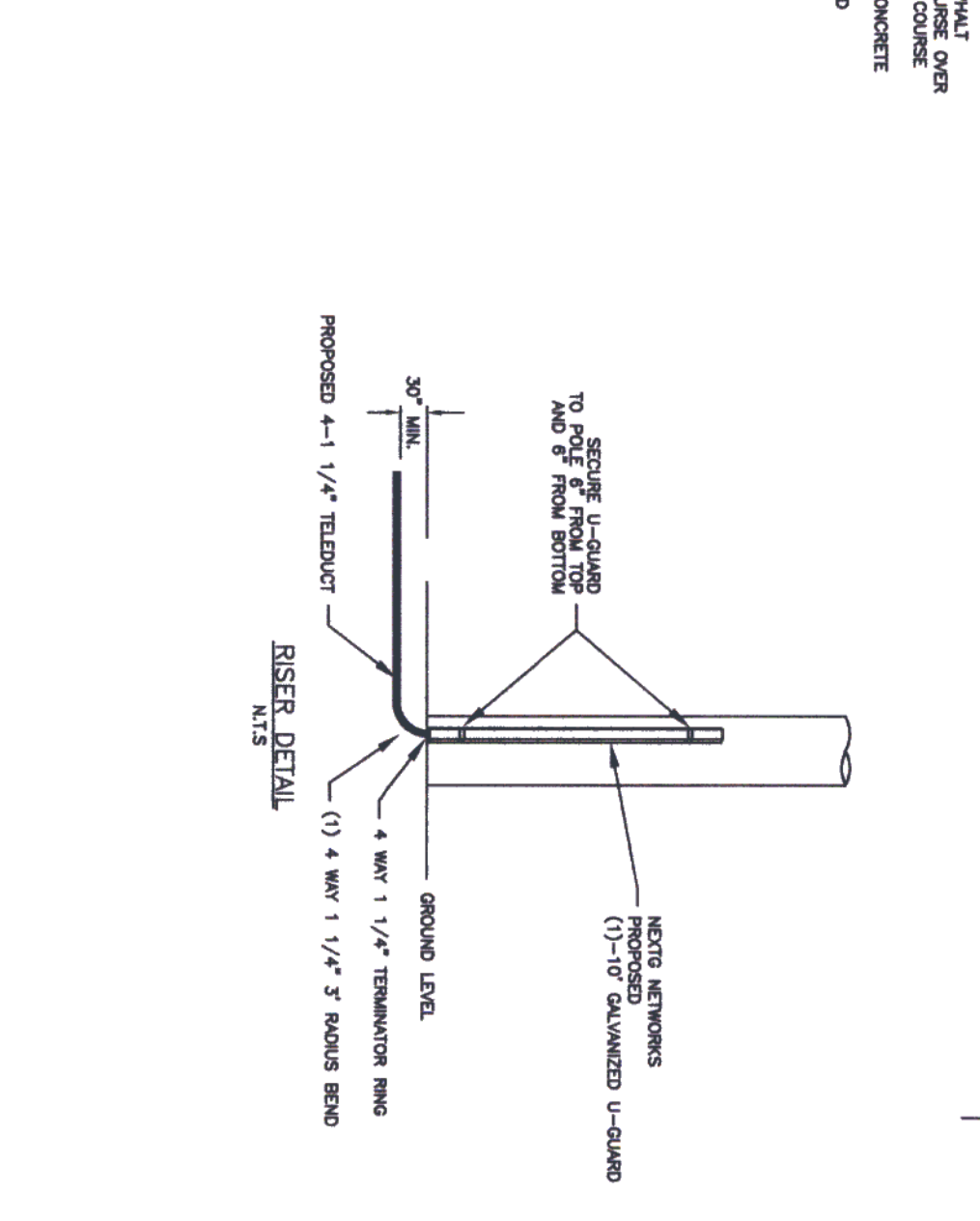
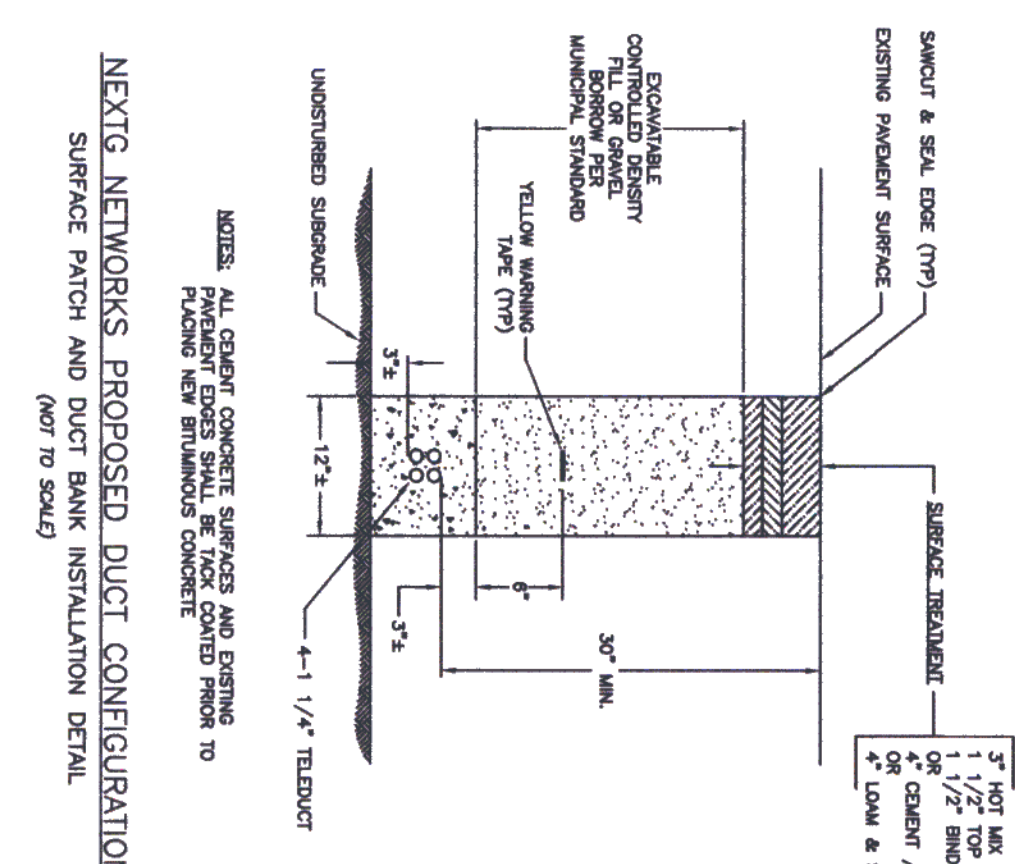
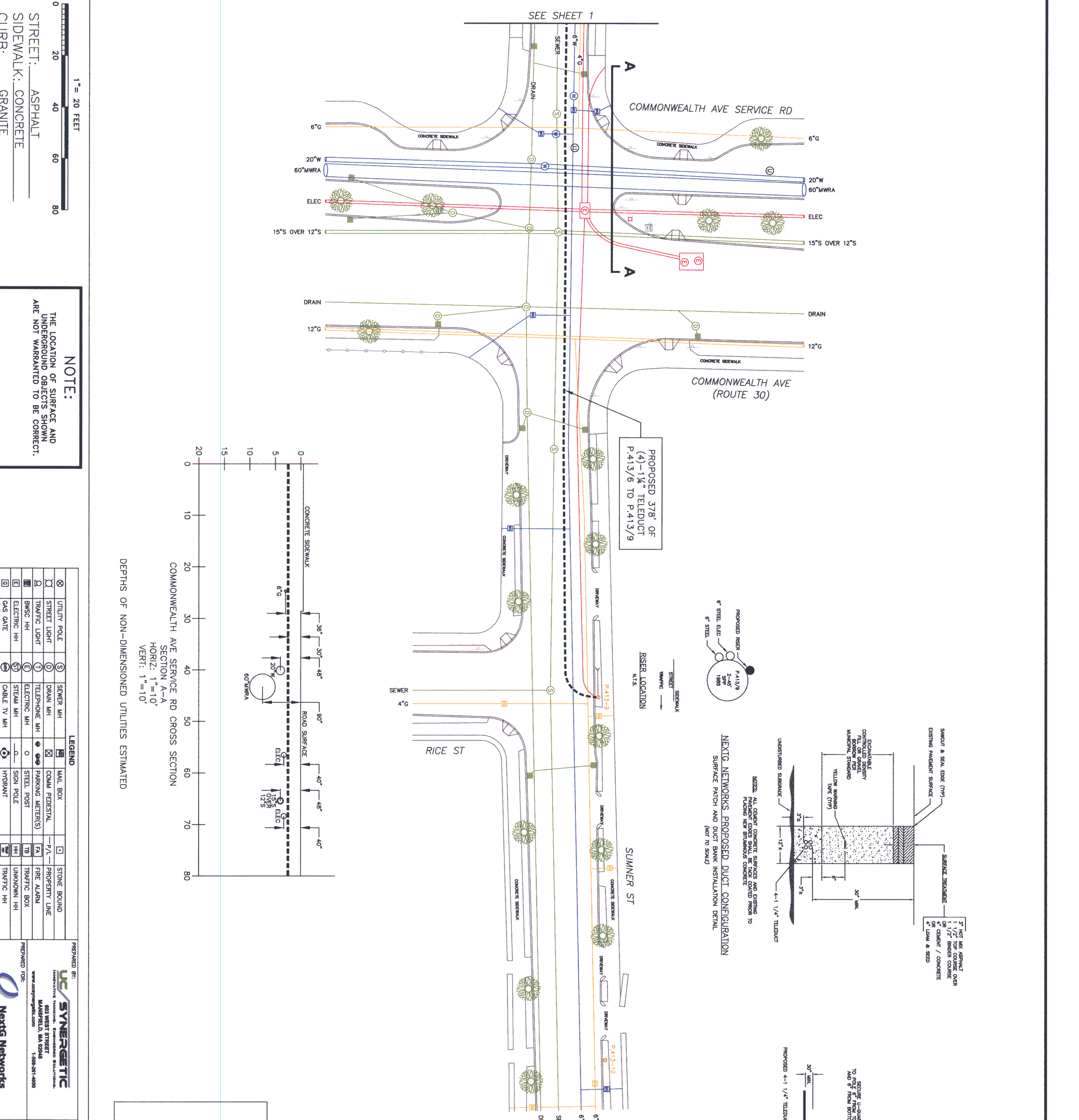
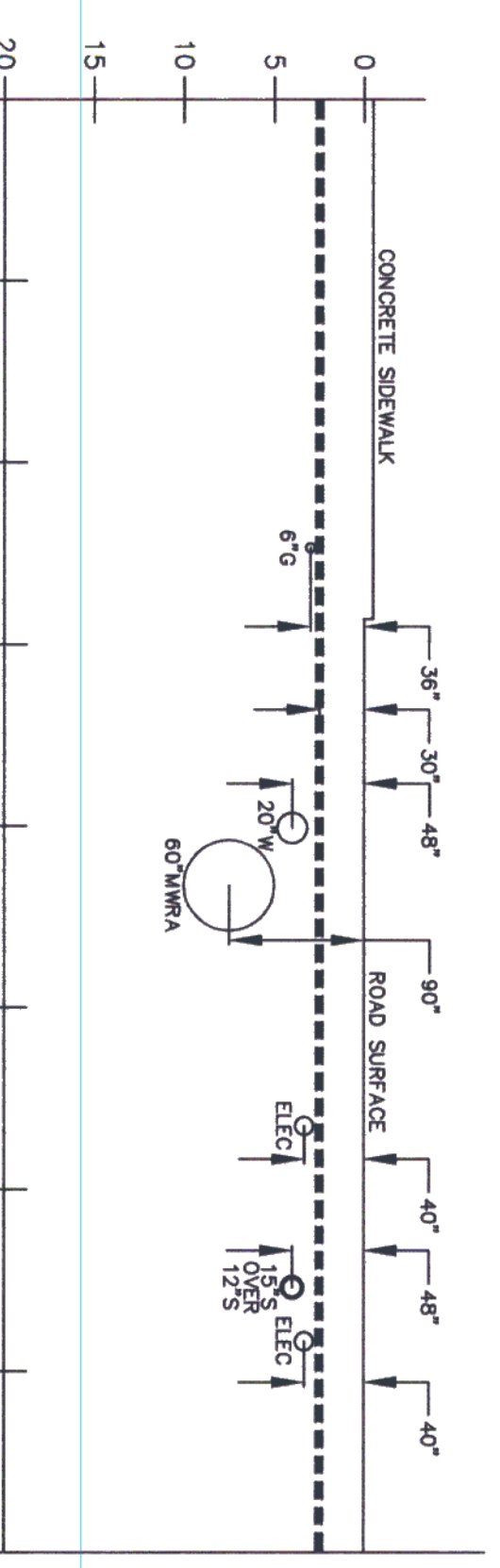
PROJECT: **SUNNER ST AT COMMONWEALTH AVE**  
NEXTIG PETITION PLAN

REVISIONS:  
SUBMITTED BY: UCS  
DRAWN BY: DGM/MRM  
DATE: 7/27/11

INDEX SHEET:  
PRINT NO: 2 OF 2  
SYSTEM PRINT NO:

SCALE: 1" = 20'

COMMONWEALTH AVE SERVICE RD CROSS SECTION  
SECTION A-A  
HORIZ: 1"=10'  
VERT: 1"=10'  
DEPTHS OF NON-DIMENSIONED UTILITIES ESTIMATED



PE SWMP





SETTI D. WARREN  
MAYOR

City of Newton, Massachusetts  
Office of the Mayor

#38-10(3)

Telephone  
(617) 796-1100

Facsimile  
(617) 796-1113

TDD/TTY  
(617) 796-1089

E-mail  
swarren@newtonma.gov

August 1, 2011

Honorable Board of Aldermen  
Newton City Hall  
1000 Commonwealth Avenue  
Newton, MA 02459

Ladies and Gentlemen:

I write to request that your Honorable Board docket for consideration a request to transfer the sum of \$104,826 from the Energy Improvement Capital Stabilization Fund to cover costs associated with Building Envelope Improvements at the Newton Lower Falls Community Center. As you know the City received approximately \$500,000 from the DOER Green Communities Grant, as well as the State Bond Grant for building improvements

Thank you for your consideration of this matter.

Very truly yours,

Setti D. Warren  
Mayor

TRANSFER - Municipal Building Fund  
From: 386104-593038 104,826

To: Lower Falls Community Center Improvements  
38E11504-5825 104,826

TT AUG - 1 P 2:23  
CITY CLERK  
NEWTON, MA 02459

*AA*  
08/23/2011

1000 Commonwealth Avenue Newton, Massachusetts 02459

www.newtonma.gov



DEDICATED TO COMMUNITY EXCELLENCE



PUBLIC BUILDINGS DEPARTMENT

Stephanie Kane Gilman, Commissioner

Telephone (617) 796-1600

FAX (617) 796-1601

TTY: (617) 796-1089

52 ELLIOT STREET

NEWTON HIGHLANDS, MA 02461-1605

Setti D. Warren  
Mayor

TH AUG - 1 P 2 36  
CITY CLERK  
NEWTON, MA. 02159

July 25, 2011

The Honorable Setti D. Warren  
Mayor  
Newton City Hall  
1000 Commonwealth Avenue  
Newton Centre, MA 02459

RE: Building Envelope Improvements Newton Lower Falls Community Center

Dear Mr. Mayor:

The Public Buildings Department respectfully requests an additional \$104,826.00 to cover the cost of the Building Envelope Improvements at the Newton Lower Falls Community Center, in conjunction with the funding received from the DOER Green Communities Grant, as well as a State Bond Grant for building improvements. This additional funding would come from the Energy Rebates within the Capital Stabilization Fund.

The original Grant was in the amount of \$179,500.00. Final Construction Documents are nearly completed, and the current project estimate is \$266,434.00.

A breakdown of the project is as follows:

Building Envelope Improvements Estimate	\$ 266,434.00
Design and Contract Administration	17,900.00
Contingency 5%	<u>14,217.00</u>
Project Total	\$ 298,551.00
Less DOER Green Communities Grant	-\$ 179,500.00
Less State Bond Project Funding	<u>- 14,225.00</u>
Additional Funding Request	\$ 104,826.00

Should you require any additional information, please do not hesitate to contact my office.

Sincerely,

Stephanie Kane Gilman  
Public Buildings Commissioner

AFC:dla  
Enclosure  
CC: Robert Rooney, Chief Operations Officer  
Maureen Lemieux, Chief Budget Officer