

ORDINANCE NO. 148, SERIES 2015

AN ORDINANCE AWARDING A COMMUNICATIONS SERVICES FRANCHISE TO EXTENET SYSTEMS, INC. PURSUANT TO THE TERMS AND CONDITIONS IN CHAPTER 116.70 - 116.99 OF THE LOUISVILLE METRO CODE OF ORDINANCES

SPONSORED BY: COUNCIL MEMBER MARIANNE BUTLER

WHEREAS, pursuant to Chapter 116.70 - 116.99 of the Louisville Metro Code of Ordinances the Louisville/Jefferson County Metro Government ("Louisville Metro") solicited bid proposals from parties interested in obtaining communications services franchises to erect, install or maintain communications facilities or provide communication services by use of said communication facilities within the confines of Louisville/Jefferson County, Kentucky; and

WHEREAS, Extenet Systems, Inc. submitted a bid proposal to Louisville Metro for a communications services franchise which meets all of the requirements of Chapter 116.70 - 116.99 of the Louisville Metro Code of Ordinances and all other applicable state and federal laws.

BE IT ORDAINED BY THE LEGISLATIVE COUNCIL OF THE LOUISVILLE/JEFFERSON COUNTY METRO GOVERNMENT AS FOLLOWS:


Section 1. Louisville Metro hereby grants to Extenet Systems, Inc. for a period of twenty (20) years, a non-exclusive franchise to erect, install or maintain communications facilities or provide communication services by use of said communication facilities within the confines of Louisville/Jefferson County, Kentucky pursuant to Chapter 116.70 - 116.99 of the Louisville Metro Code of Ordinances.

Section 2. The franchise agreement by and between Extenet Systems, Inc. and Louisville Metro as appended to this ordinance is hereby approved and the Mayor is hereby authorized to execute and enter into that agreement for and on behalf of Louisville Metro.

Section 3. That the statements set forth in the Preamble to this Ordinance are hereby incorporated in this Ordinance by reference, the same as if set forth at length herein.

Section 4. That if any section, sentence, clause or phrase of this Ordinance is held to be unconstitutional or otherwise invalid, such infirmity shall not affect the validity of the remainder of the Ordinance.

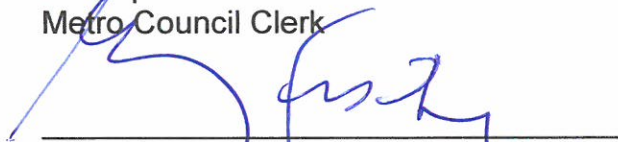
Section 5. This ordinance shall take effect upon its passage and approval.



H. Stephen Ott
Metro Council Clerk



David Tandy
President of the Council

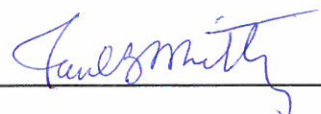


Greg Fischer
Mayor

Date Approved: 9/28/15

APPROVED AS TO FORM AND LEGALITY:

Michael J. O'Connell
Jefferson County Attorney

By: 

**LOUISVILLE METRO COUNCIL
READ AND PASSED**
September 10, 2015

FRANCHISE AGREEMENT

THIS FRANCHISE AGREEMENT made and entered into this ____ day of _____, 2015, by and between the Louisville/Jefferson County Metro Government (hereinafter "Louisville Metro"), and Extenet Systems, Inc.

WITNESSETH:

WHEREAS, pursuant to Chapter 116.70 - 116.99 of the Louisville Metro Code of Ordinances and Sections 163 and 164 of the Kentucky Constitution, the Louisville Metro solicited bid proposals from parties interested in obtaining franchises to erect, install or maintain communications facilities or provide communication services by use of said communication facilities within the confines of Louisville/Jefferson County, Kentucky; and

WHEREAS, Extenet Systems, Inc. submitted a bid proposal to Louisville Metro for a communications services franchise pursuant to the requirements of Chapter 116.70 - 116.99 of the Louisville Metro Code of Ordinances.

WHEREAS, pursuant to Ordinance No. _____ Series 2015, Louisville Metro granted to Extenet Systems, Inc. for a period of twenty (20) years, a non-exclusive franchise to erect, install or maintain communications facilities or provide communication services by use of said communication facilities within the confines of Louisville/Jefferson County, Kentucky pursuant to Chapter 116.70 - 116.99 of the Louisville Metro Code of Ordinances.

WHEREAS, Louisville Metro and Extenet Systems, Inc. have entered into this Franchise Agreement to memorialize the award by Louisville Metro to Extenet Systems, Inc. of said franchise pursuant to the terms and conditions reflected in Chapter 116.70 - 116.99 of the Louisville Metro Code of Ordinances.

NOW THEREFORE, for and in consideration of the mutual covenants and agreements contained herein the receipt and sufficiency of which are hereby acknowledged, Louisville Metro and Extenet Systems, Inc. hereby agree to incorporate the foregoing recitals as if fully set forth herein and further agree as follows:

1. Chapter 116.70 - 116.99 of the Louisville Metro Code of Ordinances are incorporated herein by reference in its entirety and shall apply as if fully set forth herein.

2. The bid of Extenet Systems, Inc. for said franchise, which is attached hereto as Exhibit "A", is incorporated herein by reference in its entirety and shall apply as if fully set forth herein.

3. Extenet Systems, Inc. agrees to comply with all applicable requirements as set forth in the Louisville Metro Public Works & Assets Utility Policy.

4. Louisville Metro has granted unto Extenet Systems, Inc. a non-exclusive franchise, for a term of twenty (20) years to erect, install or maintain communications facilities or provide communication services by use of said communication facilities within the confines of Louisville/Jefferson County, Kentucky and as more specifically identified in the above-mentioned bid pursuant to Chapter 116.70 - 116.99 of the Louisville Metro Code of Ordinances.

5. The franchise memorialized in this Franchise Agreement shall commence _____, 2015, and shall expire on _____, 20__.

6. Extenet Systems, Inc. does hereby bind itself, its successors and assigns, to faithfully and fully perform each and every condition of said franchise as memorialized in this

Agreement, and further to faithfully perform all acts required of it as the purchaser of said franchise.

7. This Franchise Agreement memorializes the agreement between the parties and shall be binding upon and inure to the benefit of the respective successors in interest to the parties hereto.

IN WITNESS WHEREOF, Louisville Metro and Extenet Systems, Inc. have executed this Franchise Agreement as their free and voluntary act and deed effective as of the day and year first above written.

**LOUISVILLE/JEFFERSON COUNTY
METRO GOVERNMENT**

EXTENET SYSTEMS, INC.

GREG FISCHER, MAYOR

BY: _____

TITLE: _____

**APPROVED AS TO FORM
AND LEGALITY**

**Michael J. O'Connell
Jefferson County Attorney**

By: _____
Assistant County Attorney



Louisville Metro Public Works & Assets

Communications Franchise Application

Applicant Information

Applicant Name: Extenet Systems, Inc.

(Complete Legal Name as Registered with the Kentucky Secretary of State)

Address: 3030 Warrensville Road, Suite 340

City: Lisle

State: IL

Zip Code: 60532

E-mail Address: ccowher@extenetsystems.com

Phone Number: +1 (774) 230-3288

Fax Number: +1 (630) 505-3518

Local Representative Information

Name: James Hodge, Sr.

Address: 108 Republic Plaza

City: Louisville

State: KY

Zip Code: 40202

E-mail Address: hodgejg@bellsouth.net

Phone Number: +1 (502) 587-6901

Fax Number: +1 (502) 584-3091

Emergency Contact Information: ExteNet NOC - (866) 892-5327

Description of Proposed System: Use of utility or other Right-of-Way infrastructure for communications purposes.

Description of All Types of Service Proposed:

The communications network requires an antenna and a control cabinet be attached to utility poles in the Right-of-Way connected by a fiber optic cable back to an existing wireless hub facility.

Applicant Organization: Various Wireless Telecommunications Companies

Disclosure of Ownership of Facilities: ExteNet Systems, Inc.

Technical Description of the Type of System Proposed by the Applicant and the Applicant's Plan for the Installation of the System:

Creation of a distributed network utilizing antennas on top of telephone poles or other Right-of-Way infrastructure; applicant will apply for Franchise Application, then all jurisdictional required permits.

Engineering Statement: Utilize small discrete antennas to blend in with existing or proposed infrastructure.

Additional Requirements - Please submit the following (if applicable):

1. Supplementary, additional or other information that the applicant deems reasonable for consideration.
2. Copy of the applicant's certificate of authority from the Public Service Commission ("PSC") or a signed statement that applicant is not lawfully required to have such certificate from the PSC.
3. Copy of the applicant's certificate of authority from the FCC or a signed statement that the applicant is not lawfully required to have such certificate from the FCC.
4. Copy of all required insurance policies and certificates with a signed statement from Louisville Metro's Insurance and Risk Coordinator that such policies and certificates are acceptable to Louisville Metro.
5. A statement signed by the applicant that the applicant agrees to be bound by all provisions of the Franchise and agrees to obtain all application permits and authorizations prior to constructing, installing or operating a System in the right-of-way.

Louisville Metro hereby puts the applicant on notice of the following:

1. Applications may be modified at any time prior to the opening of the applications, provided that any modifications must be duly executed in the manner that the applicant's application must be executed.
2. Louisville Metro reserves the right to require such supplementary, additional or other information that it deems reasonable necessary for its determinations.
3. Louisville Metro reserves the right to waive all formalities and/or technicalities where the best interest of Louisville Metro may be served.

CERTIFICATION

Applicant hereby certifies that the information provided by the applicant is true and correct and that the person signing on behalf of the applicant is authorized to do so. Applicant further acknowledges and certifies that is shall be responsible to certify to Louisville Metro any material changes to the information provided in the completed application during the term of any Franchise.

Complete Legal Name of Applicant: Extenet Systems, Inc.

By: Tim Ayers

Title: Vice President, Global Services

Date: Mar 5, 2014

NOTICE TO APPLICANTS

Information submitted on applications is a public record under the Kentucky Open Records Act, Sections 61.870, et. seq. of the Kentucky Revised Statutes. Under that law, certain kinds of proprietary and trade information are exempt from disclosure. Should an applicant believe that any information required to be submitted involves confidential proprietary or trade information, the applicant should contact the Metro Public Works Department before the application is filed and request a determination as to whether the information is covered by the exemption. If no such request is made prior to the filing of the application, the applicant will be deemed to have waived any entitlement to confidentiality under the Open Records Act.



Addendum to Communications Franchise Application

ExteneNet Systems, Inc. ("ExteneNet")

Introduction:

This information supplements ExteneNet's Louisville Metro Communications Franchise Application form, to which it is appended.

Description of Proposed System Design (LMCO §116.71(D)(1)(c)):

ExteneNet proposes to construct a competitive telecommunications system consisting of fiber optic cable and associated appurtenant facilities including, without limitation, amplifiers, transmitters, new poles, uninterrupted power supplies, antennas, cabling, splice connectors, and brackets. The initial system will be as described in the technical description and accompanying network map. However, ExteneNet expects to periodically expand its system in the Louisville Metro area over the years as additional customers are connected to the network. These additional customers may include telecommunications carriers (both land line and wireless) and enterprise business customers (including financial, health care, educational and government organizations).

Description of All Types of Service Proposed (LMCO §116.71(D)(1)(d)):

ExteneNet plans to offer point-to-point telecommunications consisting of dark fiber connectivity and lit services including private line, Internet access, wholesale carrier and wireless backhaul (including small cell applications). The lit services will be provisioned using high-speed state-of-the-art technology such as Ethernet and Dense Wave Division Multiplexing (DWDM).

Description of Ownership of Facilities (LMCO §116.71(D)(1)(e)):

ExteneNet is a corporation organized under the laws of Delaware and authorized to do business in the Commonwealth of Kentucky. ExteneNet is listed as Active and in Good standing on the website of the Kentucky Secretary of State. See <https://aDP.sos.kv.gov/ftsearch/> (Organization Number 0841088). ExteneNet tends to own all or nearly all of the fiber optic cable and equipment it uses to serve a given metropolitan area, and expects to do so in Louisville Metro as well. Although ExteneNet also owns some of its own carrying plant, the company generally prefers to make use of available poles or conduit through agreements with utilities or municipalities.

Additional Information:

Technical System Description (LMCO §116.71(D)(1)(f)):

ExteneNet proposes to construct a competitive telecommunications system consisting of fiber optic cable and associated appurtenant facilities including, without limitation, amplifiers, transmitters, new poles, uninterrupted power supplies, antennas, cabling, splice connectors, and brackets.

In its initial phase, ExteneNet network will connect small cell equipment with traditional cell site antennas for an ExteneNet customer that is a major provider of wireless telecommunications.



Equipment start points, routes, and end points for this initial phase are indicated on the map provided as Exhibit B.

ExteNet expects to periodically expand its system in the Louisville Metro area during the term of this franchise as additional customers are connected to the network.

Engineering Statement (LMCO §116.71(D)(1)(g)):

A copy of the required Engineering Statement is provided as Exhibit C.

PSC Certificate of Authority (LMCO §116.71(D)(1)(h)(3)):

The Kentucky Public Service Commission does not issue a documentary "certificate of authority" for a competitive telecommunications provider such as ExteNet. ExteNet is listed on the PSC's website a competitive local exchange carrier (Utility ID #5056960) with active status. See http://psc.ky.gov/utility_master/mastersearch.aspx and Exhibit D.

FCC Certificate of Authority (LMCO §116.71(D)(1)(h)(4)):

The Federal Communications Commission ("FCC") does not issue certificates of authority to competitive communications carriers such as ExteNet. However, ExteNet is listed on the FCC's website as a communications carrier with a current registration. See Exhibit E.

Insurance (LMCO §116.71(D)(1)(h)(5)):

A copy of the required insurance certificate and policy is provided as Exhibit F.

Applicant Statement (LMCO §116.71(D)(1)(h)(6)):

The required applicant statement is provided as Exhibit G.

Filing Fee (LMCO §116.71(D)(1)(a)):

A check for the \$1,000 filing fee is included with this application.

Supplementary, additional or other information (LMCO §116.71(D)(1)(h)(1)):

No additional information is being provided at this time. However, ExteNet is willing to provide whatever additional information Louisville Metro may reasonably require.



Exhibits

Exhibit A	.....	Emergency Escalation List
Exhibit B	.....	Technical Descriptions
Exhibit C	.....	Engineering Statement
Exhibit D	.....	PSC Certificate of Authority
Exhibit E	.....	FCC Certificate of Authority
Exhibit F	.....	Insurance Certificate and Policy
Exhibit G	.....	Applicant's Statement

Exhibit A



ExteneNet Systems, Inc. Network Operations Services

To Initiate Service and Open a Network Ticket:

The ExteneNet Network Operations team is available for support 24x7x365

For support and to report a network issue, always start with a call to the ExteneNet Network Operations Center at +1.866.892.5327.

Our Network Operations Staff will use the information you provide about the network issue to open a Ticket which will be referenced in determining the best course of action in resolving the issue or answering your inquiry.

For less urgent issues and general inquiries, you can email the ExteneNet Network Operations Center at noc@extenetsystems.com

In addition, the table below provides contact information for ExteneNet Services management for engaging or escalating support requests.

ExteneNet Contact	Title	Telephone	Email
ExteneNet NOC 24x7	Call to Open a Ticket	866-892-5327	NOC@extenetsystems.com
ExteneNet Tier 2 NOC	M-F 7am-7pm Central	630-245-1916	Tier2NOC@extenetsystems.com
John Hixon	Dir. Professional Svcs.	630-878-3643	jhixon@extenetsystems.com
Tim Ayers	VP Global Services	312.622.8111	tayers@extenetsystems.com

Exhibit B



LOUISVILLE NETWORK ROUTE 1 NODES (1-6 & 9)

BURNETT AVE - 3RD ST - EASTERN
PKWY
LOUISVILLE, KY 40208

THIS JOB IS TO:
 -INSTALL (1) 1/4" STRAND & (1) 48CT FIBER TO BE BUILT NEW WHERE INDICATED ON PRINTS.
 -INSTALL (1) 48CT FIBER IN (1) 2" DUCT TO BE DIRECTIONAL BORED [BURIED] WHERE INDICATED ON PRINTS.

GENERAL UNDERGROUND NOTES:

- INSTALL UND.G. DUCT AT A MIN. DEPTH OF 36", UNLESS SPECIFIED OTHERWISE.
- ALL HANDHOLES TO BE INSTALLED FLUSH WITH THE GROUND.
- LEAVE 100' STORAGE LOOP IN ALL NEW HANDHOLES.
- ALL STRAND OR CABLE TO BE BONDED AT EACH POLE, HANDHOLE, OR MANHOLE LOCATION.
- ALL FIBER AT A RISER LOCATION IS TO BE PROTECTED IN DUCT TO ATTACHING LOCATION.
- ALL UTILITIES SHOULD BE LOCATED PRIOR TO ANY CONSTRUCTION OR DISTURBING OF GROUND. CALL BEFORE YOU DIG 811 OR 800-752-6007.
- RESTORE ALL SURFACES TO BETTER OR ORIGINAL CONDITION.
- ALL SAFETY REGULATIONS BY STATE AND LOCAL AUTHORITIES MUST BE MAINTAINED AT ALL TIMES.

LEGEND	
●	NEW MANHOLE
○	EXISTING MANHOLE
○	EXISTING HANDHOLE
○	EXISTING POLE
○	EXISTING 1/4" STRAND
○	EXISTING 48CT FIBER
○	EXISTING 2" DUCT
○	EXISTING 4" DUCT
○	EXISTING 6" DUCT
○	EXISTING 8" DUCT
○	EXISTING 10" DUCT
○	EXISTING 12" DUCT
○	EXISTING 14" DUCT
○	EXISTING 16" DUCT
○	EXISTING 18" DUCT
○	EXISTING 20" DUCT
○	EXISTING 22" DUCT
○	EXISTING 24" DUCT
○	EXISTING 26" DUCT
○	EXISTING 28" DUCT
○	EXISTING 30" DUCT
○	EXISTING 32" DUCT
○	EXISTING 34" DUCT
○	EXISTING 36" DUCT
○	EXISTING 38" DUCT
○	EXISTING 40" DUCT
○	EXISTING 42" DUCT
○	EXISTING 44" DUCT
○	EXISTING 46" DUCT
○	EXISTING 48" DUCT
○	EXISTING 50" DUCT
○	EXISTING 52" DUCT
○	EXISTING 54" DUCT
○	EXISTING 56" DUCT
○	EXISTING 58" DUCT
○	EXISTING 60" DUCT
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○	EXISTING 92" DUCT
○	EXISTING 94" DUCT
○	EXISTING 96" DUCT
○	EXISTING 98" DUCT
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○	EXISTING 116" DUCT
○	EXISTING 118" DUCT
○	EXISTING 120" DUCT
○	EXISTING 122" DUCT
○	EXISTING 124" DUCT
○	EXISTING 126" DUCT
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○	EXISTING 138" DUCT
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○	EXISTING 186" DUCT
○	EXISTING 188" DUCT
○	EXISTING 190" DUCT
○	EXISTING 192" DUCT
○	EXISTING 194" DUCT
○	EXISTING 196" DUCT
○	EXISTING 198" DUCT
○	EXISTING 200" DUCT

ROUTE 1 (NODES 1-6 & 9)

TOTAL NEW BUILD FOOTAGE: 12,212'
 TOTAL UNDERGROUND FOOTAGE: 3,904'
 TOTAL STORAGE FOOTAGE: 1,500'
 TOTAL PROJECT FOOTAGE: 17,616'



PERSON OF CONTACT:	CONTACT NAMES AND NUMBERS:	DRAWING LIST:		REVISIONS:	
SHEET	DESCRIPTION	SHEET	DESCRIPTION	DATE	REMARKS
C	CONTRACT ENGINEER				
C	JUST ENGINEERING & INSPECTION SERVICES (502) 995-6342				
1-17	COVER SHEET				
1-17	CONSTRUCTION SHEETS (NODES 1-6)				
1A-2A	CONSTRUCTION SHEETS (NODE 9)				

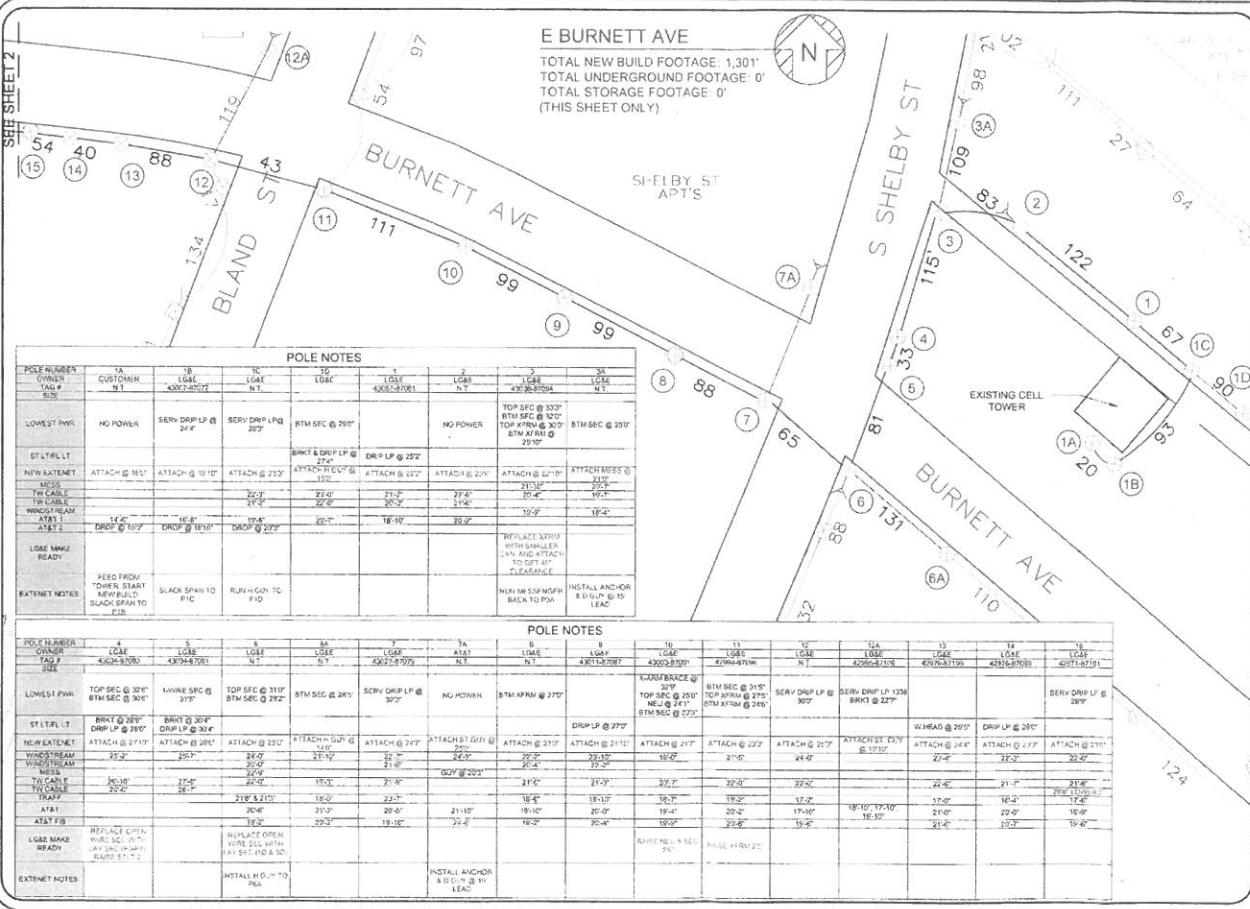
LOCATION: BURNETT AVE - 3RD ST
LOUISVILLE, KY 40208

INSTALL FIBER:
48CT

DATE: _____
 REV: _____
 DESCRIPTION: _____

DESIGNED BY:	J DAILEY
DRAWN BY:	A OLIVER
APPROVED BY:	M DAILEY
DATE:	7/15/2014
SCALE:	NTS
TOTAL SHEETS:	19
SHEET:	C

JUST Engineering & Inspection Services Inc.



E BURNETT AVE
 TOTAL NEW BUILD FOOTAGE: 1,301'
 TOTAL UNDERGROUND FOOTAGE: 0'
 TOTAL STORAGE FOOTAGE: 0'
 (THIS SHEET ONLY)

POLE NOTES									
POLE NUMBER	OWNER TAG #	1A	1B	1C	1D	1E	1F	1G	1H
		LOG#	LOG#	LOG#	LOG#	LOG#	LOG#	LOG#	LOG#
LOWEST OVER		NO POWER	SERV DRIP LP @ 24"	SERV DRIP LP @ 20"	BTM SEC @ 200"		NO POWER	TOP SEC @ 300" BTM SEC @ 300" TOP AFIRM @ 300" BTM AFIRM @ 250"	BTM SEC @ 250"
ST. WIRE LT					BURST & DRIP LP @ 27"	DRIP LP @ 250"			
NEW EXTENET		ATTACH @ 18"	ATTACH @ 19 1/2"	ATTACH @ 23 1/2"	ATTACH @ 25 1/2"	ATTACH @ 27"	ATTACH @ 20 1/2"	ATTACH @ 22 1/2"	ATTACH @ 25 1/2"
MESS		20'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"
TW CABLE		21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"	21'-0"
WINDSHIELD		18'-0"	18'-0"	18'-0"	18'-0"	18'-0"	18'-0"	18'-0"	18'-0"
AT&T		18'-0"	18'-0"	18'-0"	18'-0"	18'-0"	18'-0"	18'-0"	18'-0"
LOG# MAKE READY		REEL FROM TOWER START NEW BUILD SLACK SPAN TO P18	SLACK SPAN TO P1C	RUFH CAN TO P1D			REPLACE 3500' WITH SMALLER CAN AND ATTACH TO TOP OF CLEANSABLE		INSTALL ANCHOR @ 8' U/LP @ 15' LEAD
EXTENET NOTES							RUN 18' 55' W/WRN BACK TO P5A		

POLE NOTES														
POLE NUMBER	OWNER TAG #	1A	1B	1C	1D	1E	1F	1G	1H	1I	1J	1K	1L	1M
		LOG#	LOG#	LOG#	LOG#	LOG#	LOG#	LOG#	LOG#	LOG#	LOG#	LOG#	LOG#	LOG#
LOWEST PWR		TOP SEC @ 300" BTM SEC @ 300"	1/4" SEC @ 300"	TOP SEC @ 310" BTM SEC @ 292"	BTM SEC @ 285"	SERV DRIP LP @ 300"	NO POWER	BTM AFIRM @ 270"		X-CROSS BRACE @ 200" TOP SEC @ 250" BTM SEC @ 250" TOP AFIRM @ 240"	BTM SEC @ 315" TOP AFIRM @ 275" BTM AFIRM @ 240"	SERV DRIP LP @ 300"	SERV DRIP LP @ 120" BKR1 @ 250"	SERV DRIP LP @ 280"
ST. WIRE LT		BURST @ 280" DRIP LP @ 300"	BURST @ 300" DRIP LP @ 300"							DRIP LP @ 270"				
NEW EXTENET		ATTACH @ 27 1/2"	ATTACH @ 28"	ATTACH @ 23 1/2"	ATTACH @ 25 1/2"	ATTACH @ 24 1/2"	ATTACH @ 21 1/2"	ATTACH @ 21 1/2"	ATTACH @ 21 1/2"	ATTACH @ 21 1/2"	ATTACH @ 22 1/2"	ATTACH @ 20 1/2"	ATTACH @ 24 1/2"	ATTACH @ 21 1/2"
MESS		20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
TW CABLE		20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
WINDSHIELD		20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
AT&T		20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
LOG# MAKE READY		REPLACE OPEN W/RC SEC. 0-1" LAY DRIP @ 240" RACE @ 17'-2"		REPLACE OPEN W/RC SEC. 0-1" LAY DRIP @ 240" RACE @ 17'-2"						RACE @ 17'-2"				
EXTENET NOTES				INSTALL W/O. W/ TO P6A										

SM
SYSTEMS

LOCATION: W BURNETT ST - 3RD ST.
LOUISVILLE, KY 40208

INSTALL FIBER: 48CT

DESIGNED BY: J. DAILEY
 DRAWN BY: A. OLIVER
 APPROVED BY: M. DAILEY
 DATE: 7/15/2014
 SCALE: NTS

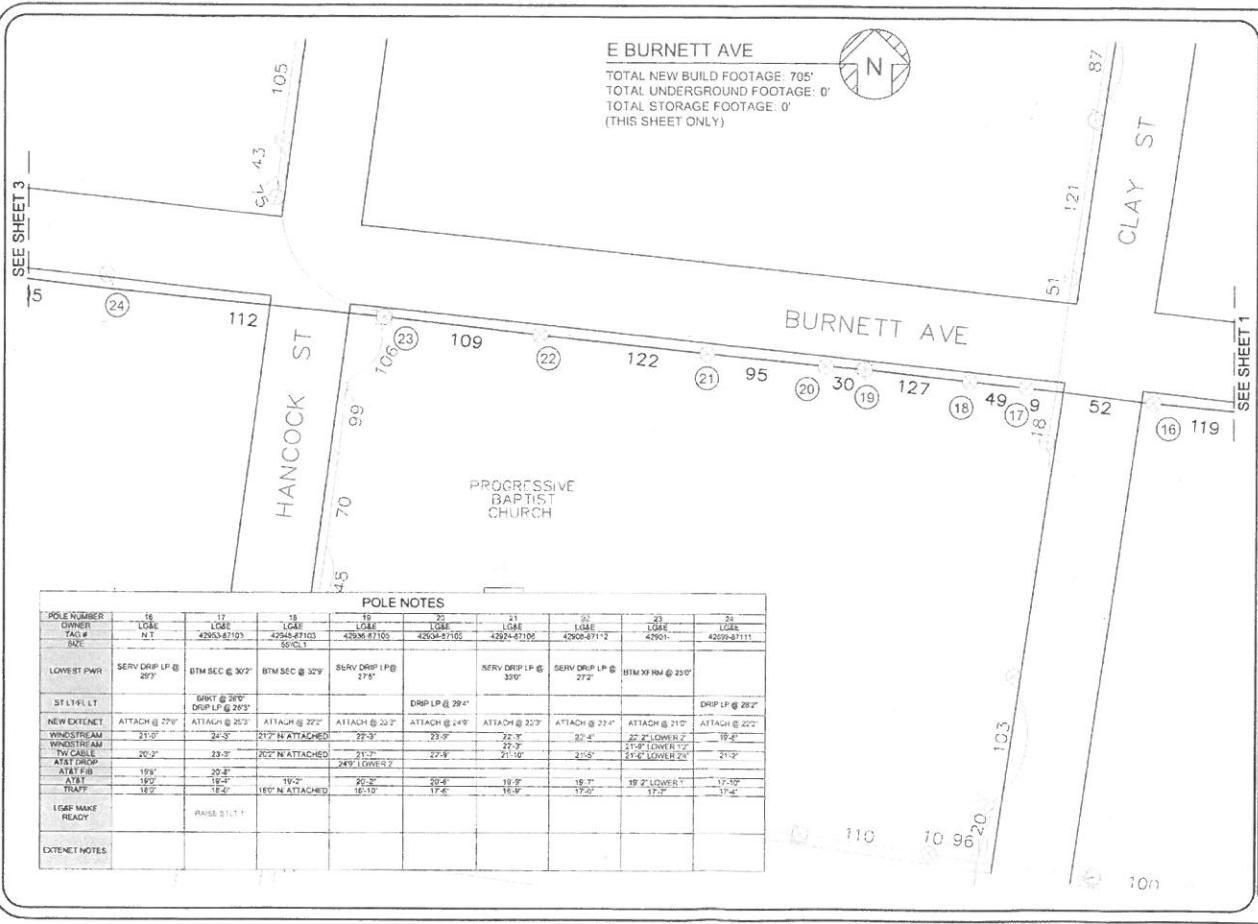
TOTAL SHEETS: 17

SHEET: 1

JUS Engineering & Inspection Services Inc.

E BURNETT AVE

TOTAL NEW BUILD FOOTAGE: 705'
 TOTAL UNDERGROUND FOOTAGE: 0'
 TOTAL STORAGE FOOTAGE: 0'
 (THIS SHEET ONLY)



POLE NOTES

POLE NUMBER	16	17	18	19	20	21	22	23	24
OWNER TAG #	42963-87103	42963-87103	42963-87103	42963-87103	42963-87103	42963-87103	42963-87103	42963-87103	42963-87103
SEC	SEC 1	SEC 1	SEC 1	SEC 1	SEC 1	SEC 1	SEC 1	SEC 1	SEC 1
LOWEST PWR	SERV DRIP LP @ 20'	BTM SEC @ 30'	BTM SEC @ 30'	SERV DRIP LP @ 24'		SERV DRIP LP @ 30'	SERV DRIP LP @ 27'	BTM X RM @ 25'	
ST LVL LLT		SERV @ 20' DRIP LP @ 20'		DRIP LP @ 29'					DRIP LP @ 28'
NEW EXTENT	ATTACH @ 27'	ATTACH @ 20'	ATTACH @ 22'	ATTACH @ 20'	ATTACH @ 24'	ATTACH @ 23'	ATTACH @ 22'	ATTACH @ 21'	ATTACH @ 22'
WINDSTREAM	21'-0"	22'-3"	21'-0" N ATTACHED	22'-3"	23'-9"	22'-0"	20'-4"	20'-2" LOWER 2'	19'-4"
WINDSTREAM	20'-3"	23'-3"	20'-0" N ATTACHED	21'-0"	22'-9"	21'-0"	21'-0"	21'-0" LOWER 1'	21'-0"
TW CABLE				24'-0" LOWER 2'				24'-0" LOWER 2'	
AT&T DROP									
AT&T FIB	19'-0"	20'-2"		20'-2"	20'-0"	19'-0"	16'-7"	19'-2" LOWER 1'	17'-0"
AT&T	18'-0"	18'-4"	18'-0" N ATTACHED	18'-0"	17'-6"	16'-9"	17'-0"	17'-0"	17'-4"
TRAPE	18'-0"	18'-4"							
LOG MAKE READY		RAISE SPLIT 1							
EXTENET NOTES									

extenet SM
 SYSTEMS

LOCATION: W BURNETT ST - 3RD ST.
 LOUISVILLE, KY 40208

INSTALL FIBER: **48CT**

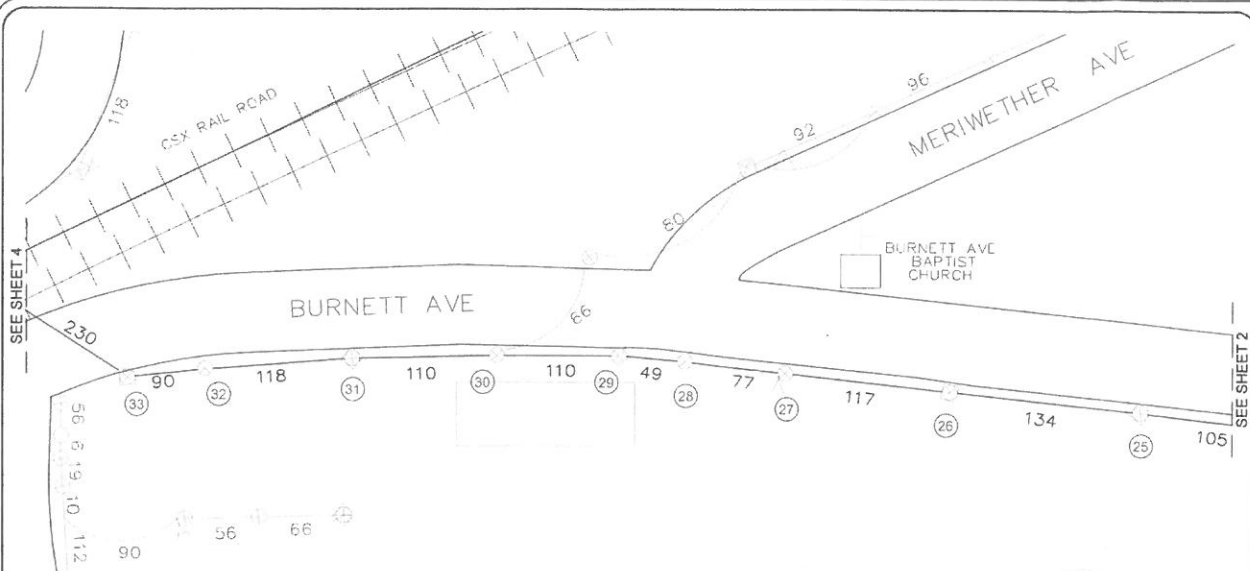
REV	DESCRIPTION	DATE

DESIGNED BY: J DAILEY
 DRAWN BY: A OLIVER
 APPROVED BY: M DAILEY
 DATE: 7/16/2014
 SCALE: NTS

TOTAL SHEETS: **17**

SHEET: **2**

U.S. Engineering & Inspection Services Inc.

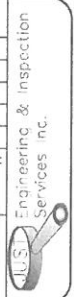


extenet SM SYSTEMS

LOCATION: W. BURNETT ST - 3RD ST.
LOUISVILLE, KY 40208

INSTALL FIBER:	48CT
DATE	
REV. DESCRIPTION	

DESIGNED BY:	J. DAILEY
DRAWN BY:	A. OLIVER
APPROVED BY:	M. DAILEY
DATE:	7/15/2014
SCALE:	NTS
TOTAL SHEETS:	17
SHEET:	3

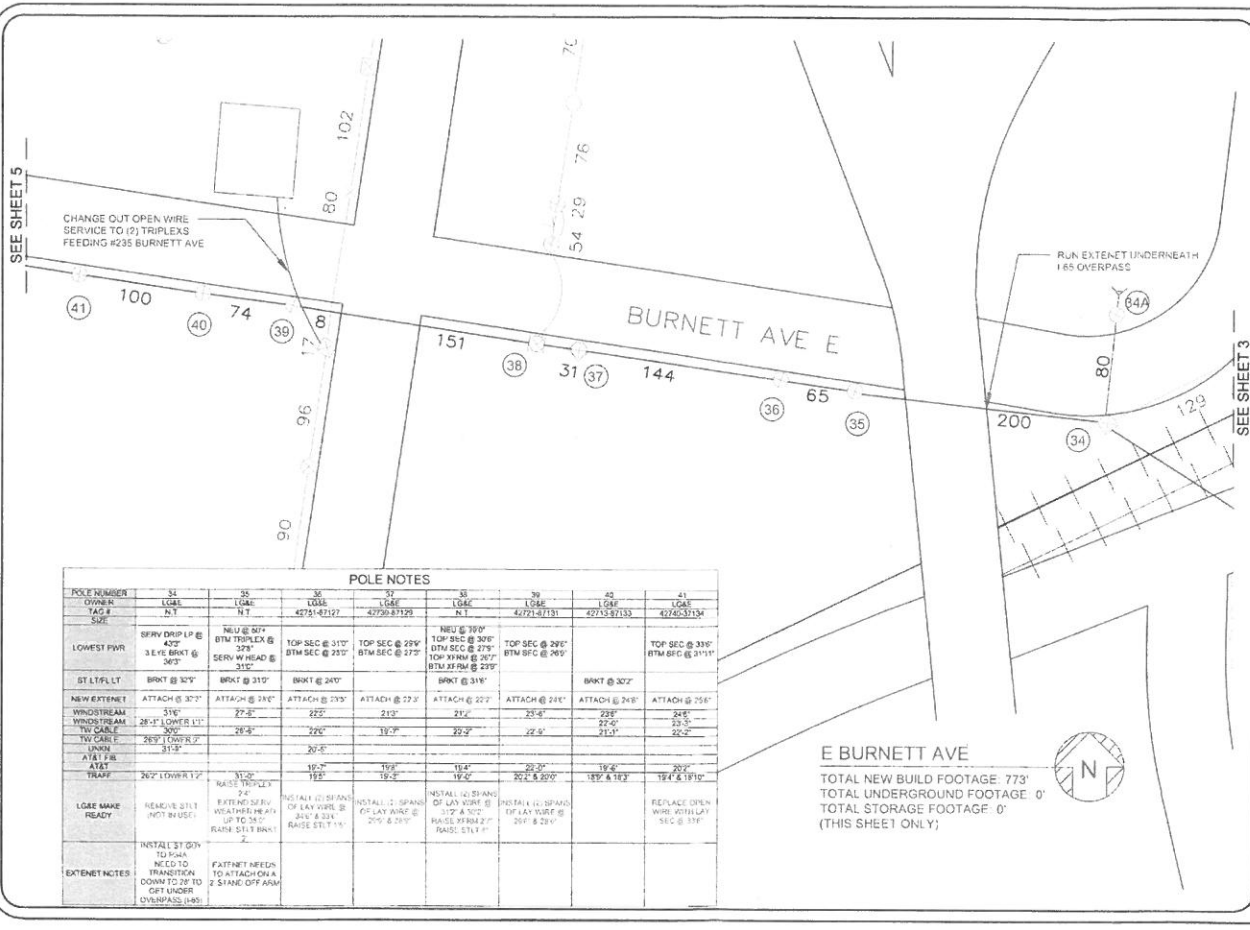


POLE NOTES									
POLE NUMBER	25	26	27	28	29	30	31	32	33
OWNER	LG&P	LG&P	LG&P	LG&P	LG&P	LG&P	LG&P	LG&P	LG&P
TAG #	42862-2112	42862-2113	42862-2115			42862-2117		42862-2119	42862-2122
SIZE	300x11		200x11						
LOWEST PWR	30 SERV DRIP LP @ 24"	SERV DRIP LP @ 24"	SERV DRIP LP @ 30"	TOP PR BKKT @ 35" BTM SEC @ 29"	BTM SEC @ 29"	BTM SEC @ 30"	BTM X'FM @ 27"	SERV DRIP LP @ 27"	SERV DRIP LP @ 30"
ST LTR LT		BKKT @ 24" DRIP LP @ 25"		DRIP LP @ 27"					
NEW EXTENL	ATTACH @ 20"	ATTACH @ 22"	ATTACH @ 24"	ATTACH @ 22"	ATTACH @ 23"	ATTACH @ 26"	ATTACH @ 31"	ATTACH @ 23"	ATTACH @ 28"
WINDSTREAM	2x2' LOWER 1"	2x2'	2x2'	2x2' LOWER 2"	2x2' LOWER 1"	2x2'	2x2' LOWER 2"	2x2'	2x2'
TV CABLE	1x4' LOWER 1"	2x2'	2x2'						
AT&T DRIP									
AT&T	17x2' LOWER 1"	18x2"	20x2"	23x2' LOWER 1"	25x2' LOWER 1 1/2"	24x2"	18x2"	21x2"	17x2"
TRUSS	18x2"	18x2"	18x2"	17x2"	18x2"	17x2"	17x2"	17x2"	17x2"
LOGS MAKE READY		RE-ATTACH SERV TO POLE @ 272"		ADD 5' SH-LT DUE TO PMS LATERAL UP TO TOP BKKT					
EXTENET NOTES									

E BURNETT AVE

TOTAL NEW BUILD FOOTAGE: 1,140'
TOTAL UNDERGROUND FOOTAGE: 0'
TOTAL STORAGE FOOTAGE: 0'
(THIS SHEET ONLY)






POLE NOTES

POLE NUMBER	31	35	36	37	38	39	40	41
OWNER	LS&T	LS&T	LS&T	LS&T	LS&T	LS&T	LS&T	LS&T
TAG #	N.T.	N.T.	42751-87127	42750-87125	N.T.	42721-87131	42755-87133	42740-37134
SIZE								
LOWEST PWR	8FV DRIP LP @ 42" 3EYE BRKT @ 90"	NEU @ 50' BTM TRIPLEX @ 37" SERV W/HEAD @ 31"	TOP SEC @ 310' BTM SEC @ 235'	TOP SEC @ 229' BTM SEC @ 217'	NEU @ 300' TOP SEC @ 300' BTM SEC @ 275' TOP XFRM @ 267' BTM XFRM @ 255'	TOP SEC @ 226' BTM SEC @ 209'		TOP SEC @ 336' BTM SEC @ 311"
ST.LT.FLLT	BRKT @ 30"	BRKT @ 310'	BRKT @ 240'		BRKT @ 31"		BRKT @ 302'	
NEW EXTENT	ATTACH @ 30"	ATTACH @ 310'	ATTACH @ 275'	ATTACH @ 227'	ATTACH @ 227'	ATTACH @ 216'	ATTACH @ 248'	ATTACH @ 256'
WINDSTREAM	31"	27'-6"	22'	21'	21'	22'-6"	22'	24'
WINDSTREAM	28'-1" LOW R.L. 30"	26'-3"	22'	19'-0"	19'-3"	22'-6"	21'-0"	22'-2"
TV CABLE	26" LOW R.L. 31"							
UNIS AT&T P.B. AT&T TRAFF.	26" LOW R.L. 31"	31'-0" RAISE TRIPLEX 2'	16'-0" 18'-0"	19'	16'-0" 18'-0"	22'-0" 22'-0"	18'-0" 18'-0"	20'-0" 18'-0" 19'-0"
LOGE MAKE READY	REMOVE 211 (NOT IN USE)	EXTEND 3FV WEATHER HEAD UP TO 50" RAIN S-LT BRKT 2'	INSTALL (2) SPANS OF LAY WIRE @ 24" & 21" RAISE 211 1'	INSTALL (2) SPANS OF LAY WIRE @ 20" & 20"	INSTALL (2) SPANS OF LAY WIRE @ 17" & 10" RAISE XFRM 2' RAISE 211 1'	INSTALL (2) SPANS OF LAY WIRE @ 26" & 26"		REPLACE OPEN WIRE WITH LAY SEC @ 33'
EXTENT NOTES	INSTALL 31 50" TO 55" NEC'D TO TRANSMIT DOWN TO 28' TO CRT UNDER OVERPASS (400)	FATNET NEEDS TO ATTACH @ 4' 2' STAND OFF ARM						

E BURNETT AVE
 TOTAL NEW BUILD FOOTAGE: 773'
 TOTAL UNDERGROUND FOOTAGE: 0'
 TOTAL STORAGE FOOTAGE: 0'
 (THIS SHEET ONLY)



LOCATION: WBURNETT ST. - 3RD ST.
LOUISVILLE, KY 40208

INSTALL FIBER: **48CT**

REV	DESCRIPTION	DATE

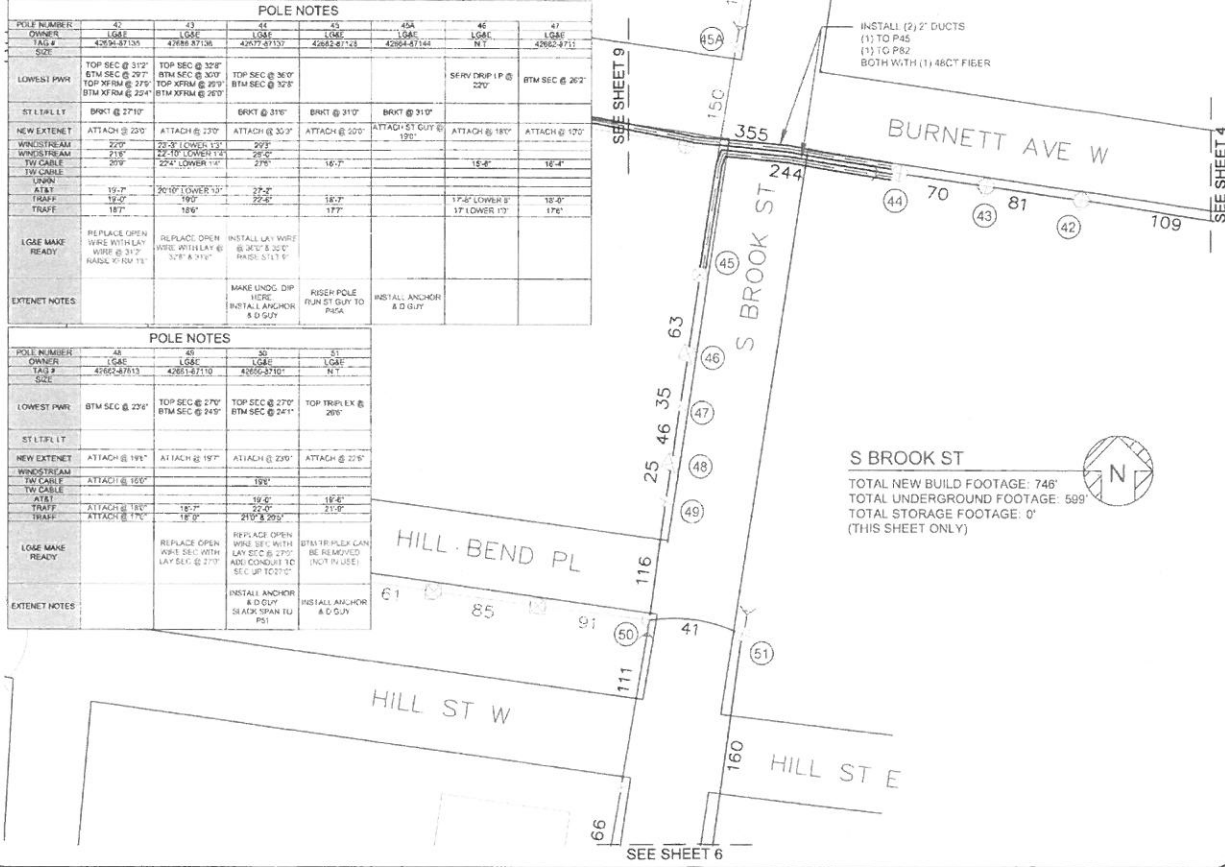
DESIGNED BY: J DAILEY
 DRAWN BY: A OLIVER
 APPROVED BY: M DAILEY
 DATE: 7/15/2014
 SCALE: NTS

TOTAL SHEETS: **17**
 SHEET: **4**

J.S. Engineering & Inspection Services Inc.

POLE NOTES						
POLE NUMBER	42	43	44	45	46	47
OWNER TAG #	4204-47135	4204-47136	4204-47137	4204-47138	4204-47139	4204-47140
SIZE	150	150	150	150	150	150
LOWEST PWR	TOP SEC @ 31'2" BTM SEC @ 29'7"	TOP SEC @ 32'0" BTM SEC @ 30'7"	TOP SEC @ 36'0" BTM SEC @ 32'8"		SERV DRIP 1 P @ 22'0"	BTM SEC @ 26'2"
ST LIT/LLT	BRKT @ 27'0"	BRKT @ 31'0"	BRKT @ 31'0"	BRKT @ 31'0"	BRKT @ 31'0"	
NEW EXTENET	ATTACH @ 22'0"	ATTACH @ 22'0"	ATTACH @ 22'0"	ATTACH @ 22'0"	ATTACH @ 18'0"	ATTACH @ 10'0"
WINDSTREAM	22'0"	22'0" LOWER 14"	22'0"	22'0"	18'0"	18'0"
TW CABLE	21'8"	22'0" LOWER 14"	21'8"	18'0"	18'0"	18'0"
TW CABLE	21'9"	22'0" LOWER 14"	21'8"	18'0"	18'0"	18'0"
UNW	19'7"	20'0" LOWER 13"	22'0"	18'0"	17'8" LOWER 9"	18'0"
AT&T	18'0"	18'0"	22'0"	18'0"	17'0" LOWER 17"	17'8"
TRAPP	18'0"	18'0"	22'0"	18'0"		
TRAPP	18'0"	18'0"	22'0"	18'0"		
LOAD MAKE READY	REPLACE OPEN WIRE WITH LAY WIRE @ 31'2" HANG 4' RW 11"	REPLACE OPEN WIRE WITH LAY WIRE @ 32'0" & 31'2"	INSTALL LAY WIRE @ 36'0" & 32'8" HANG @ 11'3"			
EXTENET NOTES			MAKE UNDS DIP HERE	RISER POLE RUN SET GUY TO PUGA	INSTALL ANCHOR & D GUY	

POLE NOTES			
POLE NUMBER	48	49	50
OWNER TAG #	4204-47141	4204-47142	4204-47143
SIZE	150	150	150
LOWEST PWR	BTM SEC @ 22'6"	TOP SEC @ 27'0" BTM SEC @ 24'0"	TOP SEC @ 27'0" BTM SEC @ 24'1"
ST LIT/LLT			TOP TRIP LK @ 26'0"
NEW EXTENET	ATTACH @ 19'5"	ATTACH @ 19'7"	ATTACH @ 22'0"
WINDSTREAM			18'0"
TW CABLE	ATTACH @ 18'0"		
TW CABLE	ATTACH @ 17'6"	18'0"	18'0"
UNW	ATTACH @ 18'0"	18'0"	18'0"
AT&T	ATTACH @ 17'6"	18'0"	21'0" & 20'0"
TRAPP	ATTACH @ 17'6"	18'0"	21'0" & 20'0"
TRAPP	ATTACH @ 17'6"	18'0"	21'0" & 20'0"
LOAD MAKE READY		REPLACE OPEN WIRE WITH LAY WIRE @ 27'0"	REPLACE OPEN WIRE WITH LAY WIRE @ 27'0" HANG CONDUIT TO SEC UP TO 21'0"
EXTENET NOTES		INSTALL ANCHOR & D GUY	INSTALL ANCHOR & D GUY



extenet
SM
SYSTEMS

LOCATION: W BURNETT ST - 3RD ST.
LOUISVILLE, KY 40208

INSTALL FIBER: 48CT

DATE: _____

REV: _____

DESIGNED BY: J. DAILEY
DRAWN BY: A. OLIVER
APPROVED BY: M. DAILEY
DATE: 7/15/2014
SCALE: NTS

TOTAL SHEETS: 17
SHEET: 5

Engineering & Inspection Services, Inc.

S BROOK ST
TOTAL NEW BUILD FOOTAGE: 746'
TOTAL UNDERGROUND FOOTAGE: 599'
TOTAL STORAGE FOOTAGE: 0'
(THIS SHEET ONLY)

POLE NOTES							
POLE NUMBER	52	53	54	55	56	57	58
OWNER	AT&T	AT&T	AT&T	AT&T	AT&T	LOGE	LOGE
TAG #	N 1	42650-47576	N 1	42641-47556	N 1	N 1	42663-47626
SIZE					40' CLR	50' CLR	
LOWEST PWR	NO POWER		NO POWER	BTM SEC @ 24"	SERV DRIF LPH @ 28"	N-11 @ 26"	BTM SEC @ 30"
ST L T A L L T		BRKT @ 20"					BRKT @ 20" DRIF LP @ 26"
NEW EXTENT	ATTACH @ 22"	ATTACH @ 20"	ATTACH @ 22"	ATTACH @ 20"	ATTACH @ 20"	ATTACH @ 25"	ATTACH @ 24"
WINDSTREAM							
USBL SUPP						28" @ 118"	28" @ 118"
TW CABLE						24"	22"
AUT	21'-0"	19'-8"	21'-0"	20'-0"	20'-0"	24'-0"	19'-8"
TRAF	18'-0"	18'-0"	18'-0"	ATTACH @ 17'	25'-2"	26'-0" LOWER 2"	24'-0" LOWER 1"
LOGE MAKE READY					AT&T REPLACE POLE WITH 4"	REPLACE POLL WITH 5" FOR POLE & RW CLEARANCES	RAISE ST. 1 & DRIF LP TO 27"
EXTENET NOTES							

SEE SHEET 5

S BROOK ST

TOTAL NEW BUILD FOOTAGE 689'
 TOTAL UNDERGROUND FOOTAGE 0'
 TOTAL STORAGE FOOTAGE 0'
 (THIS SHEET ONLY)



S BROOK ST



SEE SHEET 7

extenet SYSTEMS

LOCATION: W BURNETT ST - 3RD ST.
LOUISVILLE, KY 40208

INSTALL FIBER:	48CT
REV	DESCRIPTION
	DATE

DESIGNED BY	J. DAILEY
DRAWN BY	A. OLIVER
APPROVED BY	M. DAILEY
DATE	7/15/2014
SCALE	NTS
TOTAL SHEETS:	17
SHEET:	6

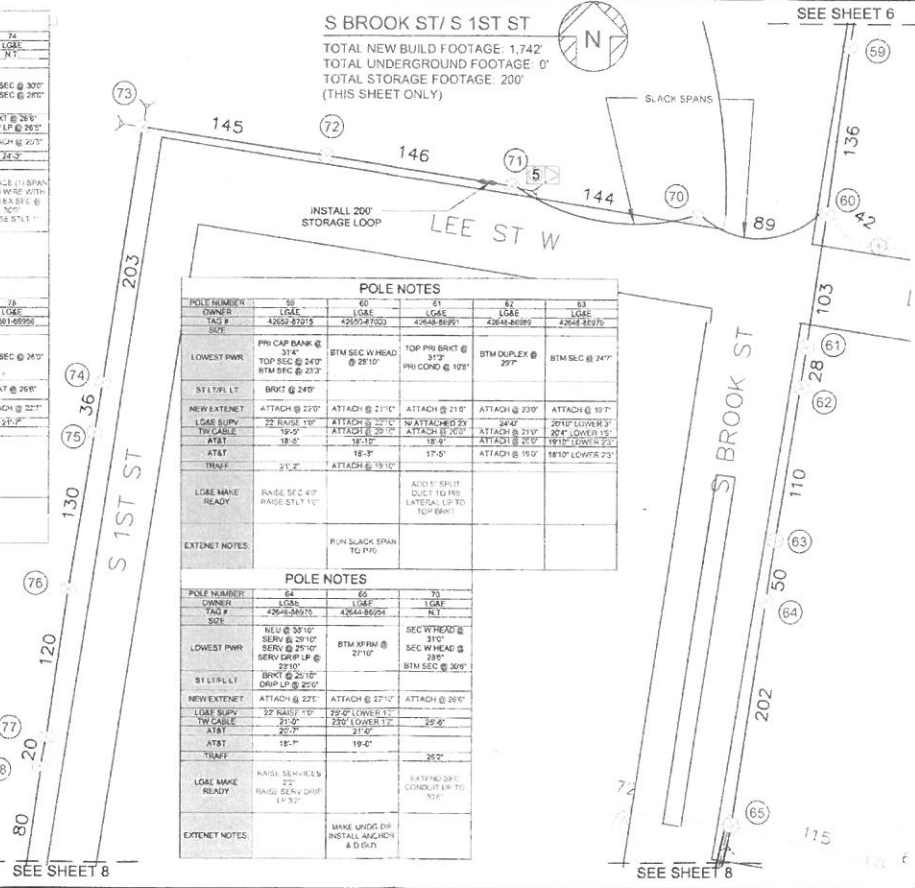
Engineering & Inspection Services Inc.

POLE NOTES				
POLE NUMBER	71	72	73	74
OWNER	LG&E	LG&E	LG&E	LG&E
TAG #	4298-4682	N.T.	4298-4682	N.T.
SIZE	50X13	N.T.	50X13	N.T.
LOWEST PWR	BTM SEC @ 31'0"	BTM SEC @ 31'0"	TOP PR BRKT @ 20'4" TOP SEC @ 20'4" BTM SEC @ 20'0"	TOP PR BRKT @ 20'0" BTM SEC @ 20'0"
ST LTR LFT			BRKT @ 25'0" DRP LP @ 25'0"	ATTACH @ 20'0"
NEW EXTENET	ATTACH @ 27'0"	ATTACH @ 24'0"	ATTACH @ 24'0"	ATTACH @ 20'0"
TW CABLE	24'0"	22'0"	24'0" LOWER 1"	24'0"
TRAF				
LG&E MAKE READY			REPLACE (1) SPAN OPEN W/50' WITH DUPLEX SEC @ 31'0"	
EXTENET NOTES	INSTALL ANCHOR & D GUY INSTALL HOOD HERE		INSTALL (2) ANCHORS & D GUY'S	

POLE NOTES				
POLE NUMBER	75	76	77	78
OWNER	LG&E	LG&E	LG&E	LG&E
TAG #	4298-4682	4298-4682	4298-4682	4298-4682
SIZE	50X13	50X13	50X13	50X13
LOWEST PWR	TOP PR BRKT @ 33'4" DUPLEX SEC @ 31'0"	DUPLEX SEC @ 31'0" 1-WIRE SEC @ 31'0"	BTM SEC @ 27'0"	BTM SEC @ 24'0"
ST LTR LFT	BRKT @ 29'4" DRP LP @ 29'0"		BRKT @ 25'0"	
NEW EXTENET	ATTACH @ 24'0"	ATTACH @ 25'0"	ATTACH @ 23'0"	ATTACH @ 22'0"
TW CABLE	24'0" LOWER 1"	24'0"	22'0"	21'0"
TRAF				
LG&E MAKE READY	ADD (2) 50' 11" DUCT TO PR. LATERAL LP TO TOP BRKT			
EXTENET NOTES	ATTACH TO OLD POLE URG. TRANSFERS TO NEW POLE CAN BE MADE			

POLE NOTES					
POLE NUMBER	55	60	61	62	63
OWNER	LG&E	LG&E	LG&E	LG&E	LG&E
TAG #	4298-4682	4298-4682	4298-4682	4298-4682	4298-4682
SIZE	50X13	50X13	50X13	50X13	50X13
LOWEST PWR	PR CAP BANK @ 31'4" TOP SEC @ 24'0" BTM SEC @ 20'0"	BTM SEC W/HEAD @ 28'10"	TOP PR BRKT @ 31'0" PRI COND @ 19'0"	BTM DUPLEX @ 29'0"	BTM SEC @ 24'0"
ST LTR LFT	BRKT @ 24'0"				
NEW EXTENET	ATTACH @ 22'0"	ATTACH @ 21'0"	ATTACH @ 21'0"	ATTACH @ 22'0"	ATTACH @ 19'0"
LG&E SUPPLY	22'0" LOWER 1"	ATTACH @ 22'0"	ATTACH @ 20'0"	ATTACH @ 21'0"	20'0" LOWER 1"
TW CABLE	19'0"	18'10"	18'0"	18'0"	20'4" LOWER 1"
TRAF	18'0"	18'0"	17'0"	ATTACH @ 19'0"	18'10" LOWER 2"
TRAF	21'0"	ATTACH @ 19'10"			
LG&E MAKE READY	RAISE SEC 4'0" RAISE ST 1'10"		ADD (1) SPLIT DUCT TO PR. LATERAL LP TO TOP BRKT		
EXTENET NOTES		RUN SLACK SPAN TO P.O.			

POLE NOTES				
POLE NUMBER	64	65	70	71
OWNER	LG&E	LG&E	LG&E	LG&E
TAG #	4298-4682	4298-4682	4298-4682	4298-4682
SIZE	50X13	50X13	50X13	50X13
LOWEST PWR	NEW @ 35'10" SERV @ 29'10" SERV @ 29'0" SERV DRP LP @ 29'10"	BTM XFRM @ 27'10"	SEC W/HEAD @ 31'0" SEC W/HEAD @ 31'0" BTM SEC @ 30'0"	
ST LTR LFT	BRKT @ 25'10" DRP LP @ 25'0"			
NEW EXTENET	ATTACH @ 22'0"	ATTACH @ 27'10"	ATTACH @ 26'0"	
LG&E SUPPLY	22'0" LOWER 1"	20'0" LOWER 1"	20'0" LOWER 1"	
TW CABLE	21'0"	21'0"	24'0"	
TRAF	18'0"	19'0"	20'0"	
TRAF				
LG&E MAKE READY	REMOVE 2'0" FROM 2'0" DRP LP 3'0"		EXTEND 2'0" CONDUIT IN TO 3'0"	
EXTENET NOTES		MAKE URG. DRP. INSTALL ANCHOR & D GUY		



SEE SHEET 6

SEE SHEET 8

SEE SHEET 8

extinetSM
SYSTEMS

LOCATION: W BURNETT ST. - 3RD ST.
LOUISVILLE, KY 40208

INSTALL FIBER: **48CT**

DATE: _____

REV: _____

DESIGNED BY: J. DAILEY
DRAWN BY: A. OLIVER
APPROVED BY: M. DAILEY
DATE: 7/15/2014
SCALE: NTS
TOTAL SHEETS: 17
SHEET: 7

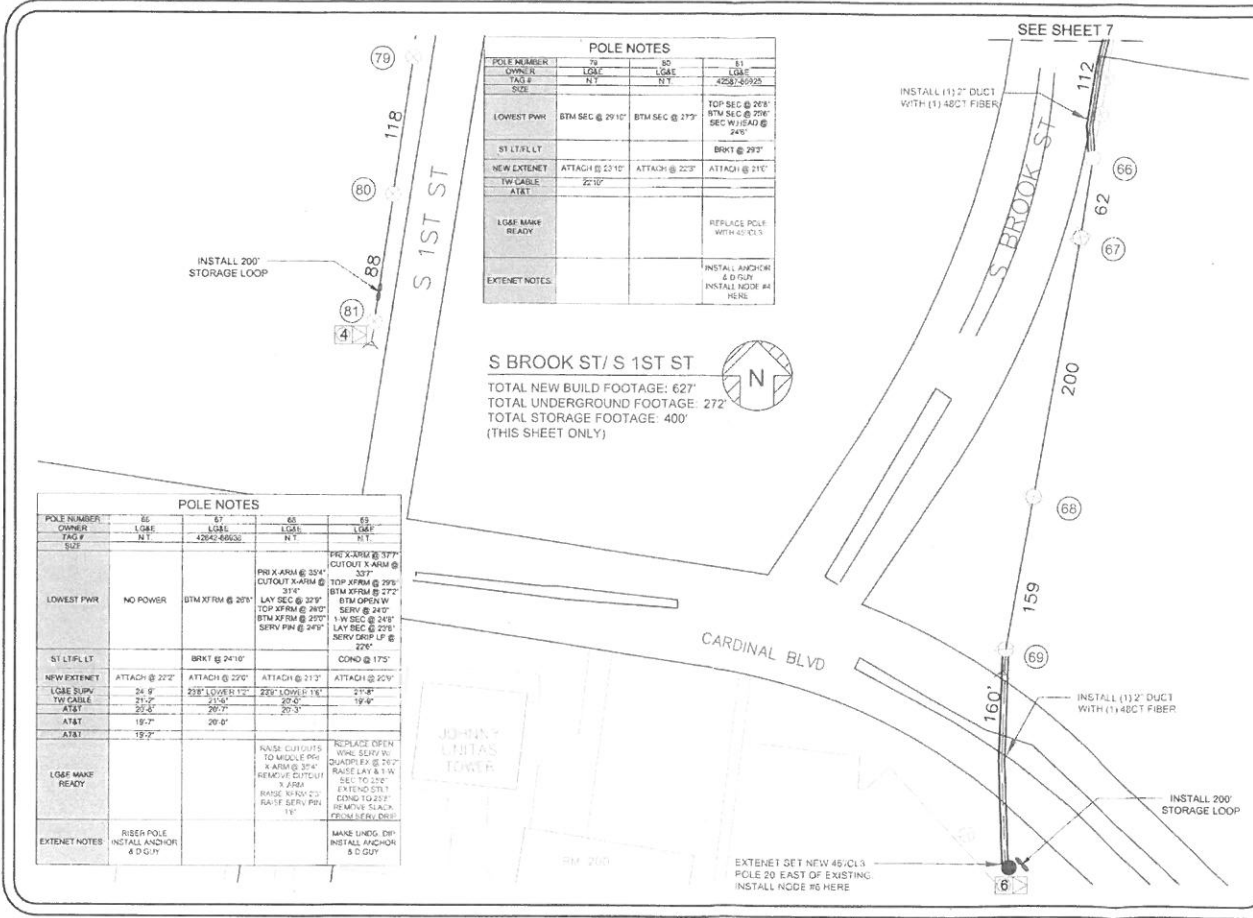
Engineering & Inspection Services Inc.

POLE NOTES			
POLE NUMBER	79	80	81
OWNER	LOE	LOE	LOE
TAG #	N	E1	452-50925
SIZE			
LOWEST PWR	BTM SEC @ 29'10"	BTM SEC @ 27'9"	TOP SEC @ 20'8" BTM SEC @ 20'8" SEC W/HEAD @ 24'5"
ST LTRFLT			BRKT @ 29'7"
NEW EXTENET	ATTACH @ 22'2"	ATTACH @ 22'3"	ATTACH @ 21'6"
TW CABLE	22'10"		
AT&T			
LOAD MARK READY			REPLACE POLE WITH 40' CL3
EXTENET NOTES			INSTALL ANCHOR @ 0' 0" IN INSTALL NODE #4 HERE

S BROOK ST/ S 1ST ST
 TOTAL NEW BUILD FOOTAGE: 627'
 TOTAL UNDERGROUND FOOTAGE: 272'
 TOTAL STORAGE FOOTAGE: 400'
 (THIS SHEET ONLY)



POLE NOTES			
POLE NUMBER	82	83	84
OWNER	LOE	LOE	LOE
TAG #	N	NT	NT
LOWEST PWR	NO POWER	BTM XFIRM @ 20'5"	PRE X-ARM @ 33'4" CUTOUT X-ARM @ 33'4" TOP XFIRM @ 29'5" BTM XFIRM @ 27'2" LAY SEC @ 22'7" TOP XFIRM @ 20'7" BTM XFIRM @ 20'7" SERV PWR @ 24'5"
ST LTRFLT		BRKT @ 24'10"	CONO @ 17'5" 27'
NEW EXTENET	ATTACH @ 22'2"	ATTACH @ 22'0"	ATTACH @ 21'7"
LOAD SUPV	24' 6"	21'8" TO OVER 12'	22' TO OVER 11'
TW CABLE	21'2"	21'5"	20'0"
AT&T	22'4"	20'7"	20'3"
AT&T	19'7"	30' 0"	
AT&T	19'7"		
LOAD MARK READY			REPLACE POLE WITH 40' CL3 W/ SERVO R/ QUADPLEX @ 26" RAISE L&N 8.1 W. SEC TO 25" EXTEND 57.1' ENDING TO 253' REMOVE S&A, P/NAME, R/ D/S
EXTENET NOTES	RISER POLE INSTALL ANCHOR @ 0' 0" IN		MAKE UND. DIP INSTALL ANCHOR @ 0' 0" IN



extiSM
net
 SYSTEMS
 LOCATION: W. BURNETT ST - 3RD ST.
 LOUISVILLE, KY 40208

INSTALL FIBER:	48CT
DATE	
REV	

DESIGNED BY	J. DAILEY
DRAWN BY	A. OLIVER
APPROVED BY	M. DAILEY
DATE	7/15/2014
SCALE	NTS
TOTAL SHEETS:	17
SHEET:	8

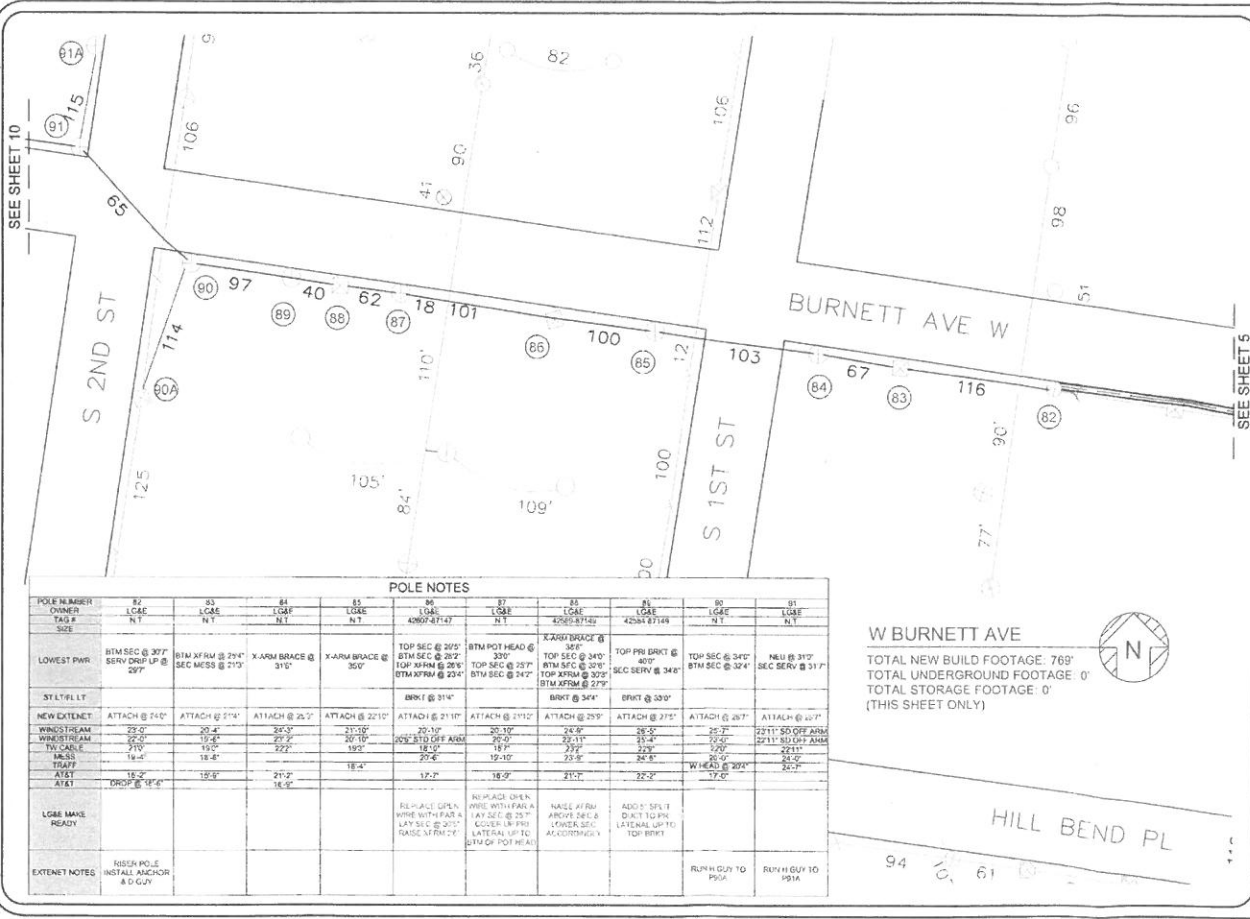
Engineering & Inspection
 Services, Inc.

INSTALL FIBER:	48CT
DATE:	
DESCRIPTION:	

DESIGNED BY:	J DAILEY
DRAWN BY:	A OLIVER
APPROVED BY:	M DALEY
DATE:	7/15/2014
SCALE:	NTS

TOTAL SHEETS:	17
SHEET:	9

Engineering & Inspection
 Services Inc.



POLE NOTES

POLE NUMBER OWNER TAG # SIZE	82 LGAE N.Y.	83 LGAE N.Y.	84 LGAF N.Y.	85 LGAE N.Y.	86 LGAE 420x421x47	87 LGAE 24.1	88 LGAE 420x421x49	89 LGAE 420x421x49	90 LGAE 24.1	91 LGAE N.Y.
LOWEST PWR	BTM SEC @ 307' SERV DRIP UP @ 307'	BTM XFRM @ 294' SEC MESS @ 213'	X-ARM BRACE @ 315'	X-ARM BRACE @ 350'	TOP SEC @ 305' BTM SEC @ 305' TOP XFRM @ 265' BTM XFRM @ 234'	BTM POT HEAD @ 330' TOP SEC @ 257' BTM SEC @ 242'	X-ARM BRACE @ 348' TOP SEC @ 340' BTM SEC @ 320' TOP XFRM @ 309' BTM XFRM @ 277'	TOP PRI BRKT @ 400' SEC SERV @ 344'	TOP SEC @ 340' BTM SEC @ 324'	NLU @ 310' SEC SERV @ 317'
ST LTR LIT					BRKT @ 314'	BRKT @ 314'	BRKT @ 344'	BRKT @ 330'		
NEW EXTENET	ATTACH @ 240'	ATTACH @ 214'	ATTACH @ 203'	ATTACH @ 2210'	ATTACH @ 2110'	ATTACH @ 2110'	ATTACH @ 239'	ATTACH @ 275'	ATTACH @ 267'	ATTACH @ 407'
WINSTREAM	29'-0"	20'-4"	32'-3"	23'-10"	20'-10"	20'-10"	24'-0"	25'-2"	25'-2"	22'-11" 50 OFF ARM
WINSTREAM	29'-0"	19'-4"	29'-9"	20'-10"	20'-10"	20'-0"	25'-11"	21'-4"	22'-0"	22'-11" 50 OFF ARM
TV CABLE	19'-0"	18'-0"	22'-2"	19'-0"	18'-0"	19'-0"	22'-0"	22'-0"	22'-0"	22'-11"
MESS	18'-4"	18'-4"		18'-4"	20'-4"	19'-10"	23'-0"	24'-8"	24'-0"	24'-0"
TRAMP	18'-2"	18'-0"	24'-2"	18'-4"	17'-2"	18'-0"	21'-0"	22'-2"	17'-0"	24'-0"
AT&T	DROP @ 14'-0"		18'-0"							
LGAE MAKE READY					RE-PAINT UPEN WIRE WITH FIBER LAY SEC @ 257' LATERAL UP TO RASE XFRM 24'	REPLACE OVER WIRE WITH FIBER LAY SEC @ 257' COVER UP PRI LATERAL UP TO BTM OF POT HEAD	RASE #1 R4 ARCH @ 24' & LOWER SEC ACCORDINGLY	ADD 2' SPLIT DIRT TO PRI LATERAL UP TO TOP BRKT		
EXTENET NOTES	RISE POLE INSTALL ANCHOR & D.G.V.								RUN H.GUY TO PWA	RUN H.GUY TO PWA

W BURNETT AVE

TOTAL NEW BUILD FOOTAGE: 769'
 TOTAL UNDERGROUND FOOTAGE: 0'
 TOTAL STORAGE FOOTAGE: 0'
 (THIS SHEET ONLY)

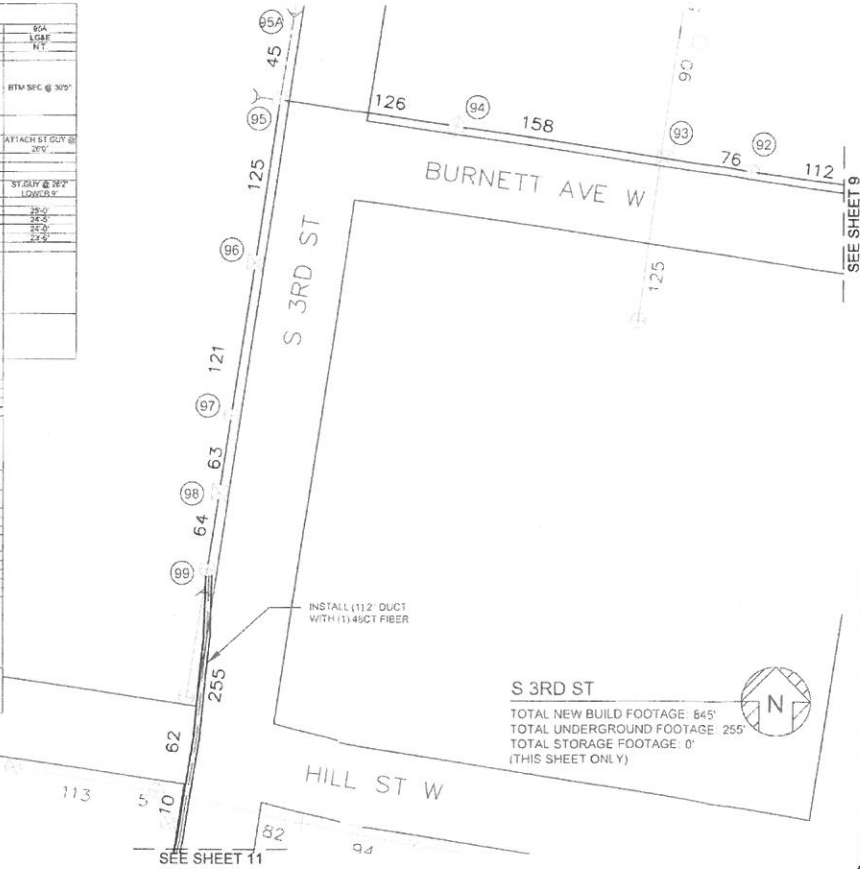


HILL BEND PL

94 10 61

POLE NOTES					
POLE NUMBER	82	83	84	85	86
OWNER	LG&E	LG&E	LG&E	LG&E	LG&E
Y/D #	42561-8157	42562-81256	42563-81180	42564-81180	42565-81180
SIZE	50'-CL3	50'-CL3	50'-CL3	50'-CL3	50'-CL3
LOWEST PWR	BTM XFRM @ 24'	BTM SEC @ 25' SERV DRIP LP @ 25'	BTM XFRM @ 25' LAY SEC @ 27' SERV DRIP LP @ 25'	BTM SEC @ 31' LAY SEC @ 30'	BTM SEC @ 30'
ST LFLFLT					
NEW EXTENET	ATTACH @ 21'	ATTACH @ 24'	ATTACH @ 23'	ATTACH @ 27'	ATTACH ST ODY @ 25'
WINDSTREAM	20' LOWER 1	24' LOWER 1	20' LOWER 1	22' LOWER 1	20' LOWER 1
WINDSTREAM TO CABLE	19'-2" LOWER 1	22'-2" LOWER 1	20'-2" LOWER 1	22'-2" LOWER 1	20'-2" LOWER 1
MESS	19'-2"			23'-1"	ST ODY @ 28'2" LOWER 1
TRAF					
UNKN					
AT&T					
AT&T					
LO&E MAKE READY	UPHOLD ASK FOR APPROVAL OF 42' CLEARANCE	RE-ANCHOR SERV DRIP UP TO 120'	RE-ANCHOR SERV DRIP UP TO 122'	RE-ANCHOR SERV DRIP UP TO 122'	RE-ANCHOR SERV DRIP UP TO 122'
EXTENET NOTES					INSTALL ANCHOR & D GUY RUN ST GUY TO 150'

POLE NOTES				
POLE NUMBER	86	87	88	
OWNER	LG&E	LG&E	LG&E	
Y/D #	42566-81153	42567-81153	42568-81153	
SIZE	50'-CL3	50'-CL3	50'-CL3	
LOWEST PWR	TOP SEC @ 30' BTM SEC @ 33' SEC SERV @ 33' TOP XFRM @ 31'	TOP PWR BURT @ 31' BTM SEC @ 30'	TOP SEC @ 31' BTM SEC @ 30' TOP XFRM @ 30'	TOP PWR BURT @ 32' TOP SEC @ 20' BTM SEC @ 20' SERV DRIP LP @ 20'
ST LFLFLT				
NEW EXTENET	ATTACH @ 24'	ATTACH @ 27'	ATTACH @ 23'	ATTACH @ 33'
WINDSTREAM	24' LOWER 2	27' LOWER 1	27' LOWER 1	25' LOWER 1
WINDSTREAM TO CABLE	24' LOWER 2	25' LOWER 1	27' LOWER 1	23' LOWER 1
MESS				
TRAF	24'-4" LOWER 2	31'-2" LOWER 1	22'-4" LOWER 2	22'-1"
UNKN	25'-2" LOWER 2	21'-2" LOWER 1	21'-4" LOWER 2	21'-0"
AT&T	22'-2" LOWER 2	20'-2" LOWER 1	20'-2" LOWER 2	21'-0"
AT&T				
LO&E MAKE READY	ADD 2" SPLICE DUCT TO PWR LATERAL UP TO TOP BURT	RE-PLACE OPEN WIRE SEC WITH WIRE SEC WITH LAY SEC @ 31'	RE-PLACE OPEN WIRE SEC WITH WIRE SEC WITH LAY SEC @ 31'	RAISE & RE-DEAD END BTM SEC AT OR ABOVE BTM SEC ROLLER ADD 2" SPLICE DUCT TO PWR LATERAL UP TO TOP BURT
EXTENET NOTES				MAKE UNDG DIP METAL ANCHOR & D GUY



extenet SM
SYSTEMS

LOCATION: W BURNETT ST - 3RD ST.
LOUISVILLE, KY 40208

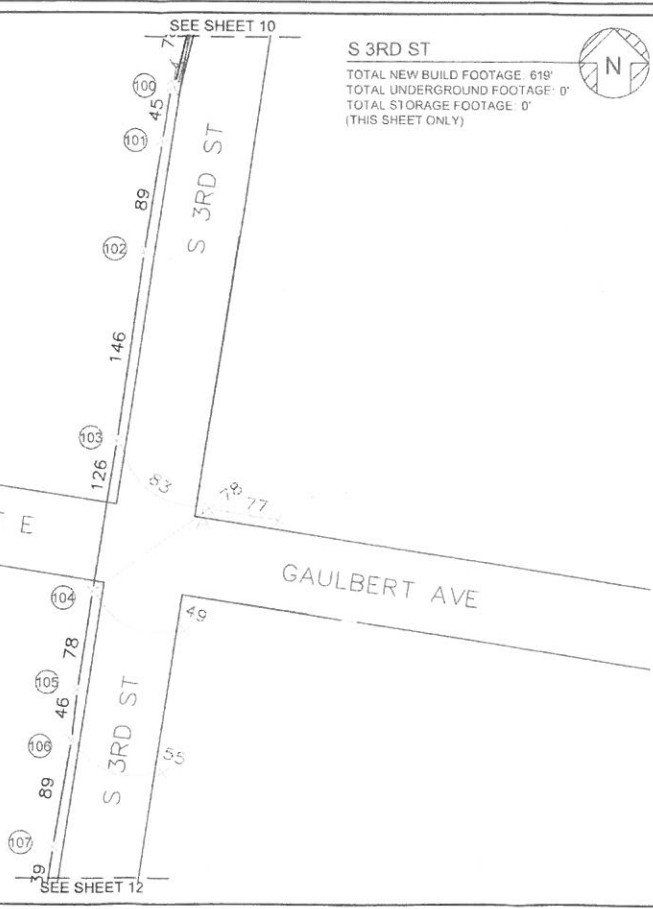
INSTALL FIBER:	48CT
DATE:	
DESCRIPTION:	
REV:	

DESIGNED BY:	J. DAILEY
DRAWN BY:	A. OLIVER
APPROVED BY:	M. DAILEY
DATE:	7/15/2014
SCALE:	NTS
TOTAL SHEETS:	17
SHEET:	10

Engineering & Inspection Services Inc.

POLE NOTES				
POLE NUMBER	100	101	102	104
OWNER	LG&E	LG&E	LG&E	LG&E
TAG #	4251147105	4251147027	4251147030	4251147033
SIZE				
LOWEST PWR	TOP SEC @ 32'10" BTM SEC @ 31'0" SERV DRIP UP @ 30'7"	BTM POT HEAD @ 30'6" TOP PWR BRKT @ 30'6" BTM XFRM @ 27'3" TOP SEC COND @ 27'10"	BTM SEC @ 27'10" SERV DRIP UP @ 32'2"	BTM SEC @ 26'5" TOP SEC COND @ 31'5" SEC SERV @ 30'4"
ST LTR/LT				CAMERA @ 32'2"
NEW EXTENET	ATTACH @ 22'0"	ATTACH @ 22'10"	ATTACH @ 22'7"	ATTACH @ 32'0"
WINDSTREAM	72"	25'0" LOWER 2"	24'7"	31'0"
WINDSTREAM	219"	24'5" LOWER 2"	20'5"	27'7"
MESS				
TRAFF	21'0"	21'8" LOWER 1'10"	23'7"	24'8"
UNKN	22'4"	22'3" LOWER 1'10"	24'1"	26'4"
UNKN	25'2"	25'2" LOWER 1'10"	27'8"	27'5"
UNKN	27'0"	26'11" LOWER 1'10"	27'8"	27'2"
AT&T	18'0"	19'10" LOWER 1'5"	21'8"	22'7"
LG&E MAKE READY	ADD SPLIT DUCT TO SEC LATERAL UP TO 27'0"	ADD SPLIT DUCT TO PWR LATERAL UP TO TOP BRKT	ADD SPLIT DUCT TO SEC LATERAL UP TO 31'8"	RAISE CAMERA UP TO 31'8"
EXTENET NOTES	RISER POLE INSTALL ANCHOR @ 0' 0' 0' 0'			

POLE NOTES				
POLE NUMBER	103	106	107	
OWNER	LG&E	LG&E	LG&E	
TAG #	N.T	42568-67050	42567-67041	
SIZE				
LOWEST PWR	K-ARM BRACE @ 29'4" TOP SEC @ 30'10" BTM SEC @ 30'10" TOP XFRM @ 28'1" BTM XFRM @ 26'7" TOP SEC COND @ 25'0" SERV DRIP UP @ 20'0"	TOP PWR BRKT @ 30'7" BTM SEC @ 30'7" BTM SEC @ 30'7" SEC COND @ 30'0"	K-ARM BRACE @ 30'7" TOP PWR BRKT @ 29'4" TOP PWR COND @ 29'4"	
ST LTR/LT				
NEW EXTENET	ATTACH @ 23'0"	ATTACH @ 27'0"	ATTACH @ 30'4"	
WINDSTREAM	249"	26'2"	26'4" LOWER 1"	
WINDSTREAM	220"	249"	24'10" LOWER 0' 9"	
MESS				
TRAFF	18' 0"	19' 0"	20' 0"	
UNKN	22' 7"	22' 7"	23' 0"	
UNKN	20' 9"	22' 7"	22' 8"	
UNKN	19' 7"	20' 0"	21' 3"	
UNKN			21' 0"	
AT&T	17' 8"	18' 0"	19' 9"	
LG&E MAKE READY	ATTACH SEC DUCT ON LTR/LT TO SEC AND INSTALL DUCT ON LATERAL RAISE XFRM 1'	ADD SPLIT DUCT TO SEC DRIP UP TO 32' 0"	ADD SPLIT DUCT TO PWR LATERAL UP TO 10' 0" BRKT	EXTEND PWR COND HT 1'
EXTENET NOTES				



S 3RD ST
 TOTAL NEW BUILD FOOTAGE: 618'
 TOTAL UNDERGROUND FOOTAGE: 0'
 TOTAL STORAGE FOOTAGE: 0'
 (THIS SHEET ONLY)

extenetSM
 SYSTEMS

LOCATION: W BURNETT ST - 3RD ST.
 LOUISVILLE, KY 40208

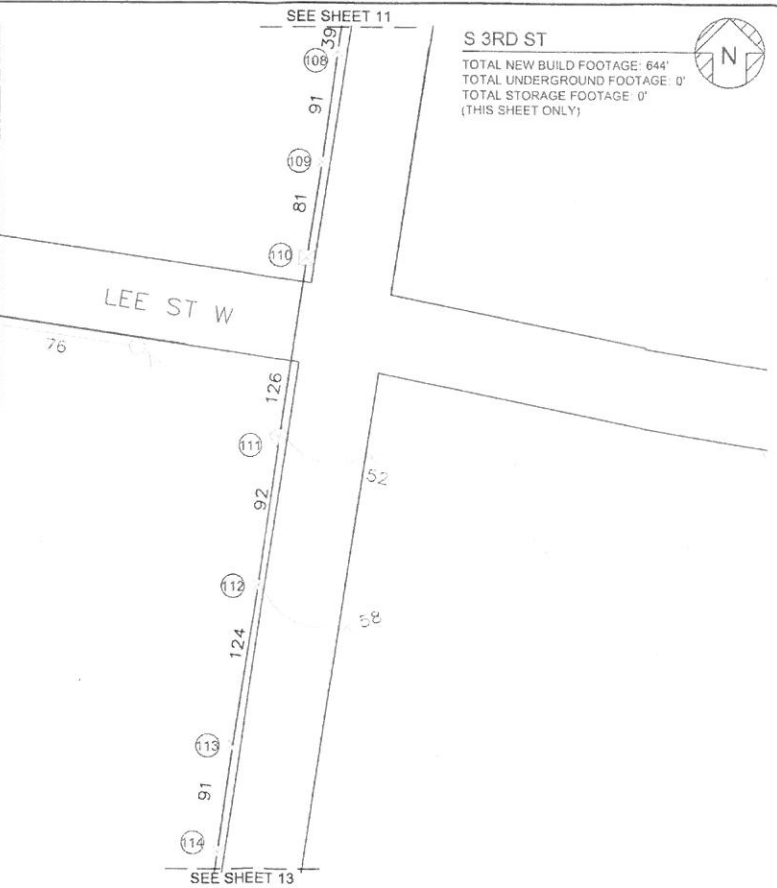
INSTALL FIBER:	48CT
DATE:	
DESCRIPTION:	
REVISION:	

DESIGNED BY:	J.DAILEY
DRAWN BY:	A.OLIVER
APPROVED BY:	M.DAILEY
DATE:	7/15/2014
SCALE:	NTS
TOTAL SHEETS:	17
SHEET:	11

U.S. Engineering & Inspection Services Inc.

POLE NOTES				
POLE NUMBER	108	109	110	111
OWNER	LG&E	LG&E	LG&E	LG&E
TAG #	N.Y.	42503-47020	N.Y.	42503-47020
SIZE				
LOWEST PWR	TOP PWR BRKT @ 310'	BTM SEC @ 363' TOP XFRM @ 300' BTM XFRM @ 300' SEC 363' @ 281'	TOP SEC @ 330' BTM SEC @ 307' TOP PWR BRKT @ 330'	TOP SEC @ 373' BTM SEC @ 349' TOP XFRM @ 370' BTM XFRM @ 310'
STATUS				
NEW EXTENT	ATTACH @ 364'	ATTACH @ 261'	ATTACH @ 2710'	ATTACH @ 230'
WINDSTREAM	254'	237'	2610'	272'
WINDSTREAM	243'	243'	201'	264'
MEAS				
TRAFF	20-1'	18-2'	23-2'	22-2'
UNKN	22-3'	21-10'	24-10'	20-3'
UNKN	22-11'	20-5'	24-2'	22-2'
UNKN	21-0'	20-2'	23-7'	24-4'
UNKN	20-9'	20-0'	23-0'	22-2'
AT&T	18-10'	18-2'	20-0'	22-4'
AT&T				
LOGS MAKE READY	ADD 1" SPILT DUCT TO BR. LATERAL (LEFT) TOP BANK	ATTACH SEC. OVER ABOVE XFRM. EXTENT ASK FOR APPROVAL ON CLEARANCE	REPLACE SEC. WITH LAY SEC @ 330'	RAISE XFRM 1' EXISTING SEC. CONDUIT UP TO BTM OF XFRM
EXTENT NOTES				

POLE NOTES	
POLE NUMBER	112
OWNER	LG&E
TAG #	42495-68983
SIZE	
LOWEST PWR	BTM SEC @ 350'
STATUS	X-COMMERCIAL @ 295' TOP SEC @ 363' BTM SEC @ 348' BTM SEC @ 330' TOP CAP BANK @ 310' BTM CAP BANK @ 200'
STATUS	BRKT @ 330'
NEW EXTENT	ATTACH @ 250'
WINDSTREAM	250'
WINDSTREAM	240'
MEAS	
TRAFF	20-9'
UNKN	20-10'
UNKN	22-2'
UNKN	21-2'
AT&T	18-5'
AT&T	
LOGS MAKE READY	REMOVE OLD 30' BR. IN USE. RAISE CAP BANK 2'
EXTENT NOTES	



S 3RD ST
 TOTAL NEW BUILD FOOTAGE: 644'
 TOTAL UNDERGROUND FOOTAGE: 0'
 TOTAL STORAGE FOOTAGE: 0'
 (THIS SHEET ONLY)

extenetSM SYSTEMS

LOCATION: W.BURNETT ST - 3RD ST.
LOUISVILLE, KY 40208

INSTALL FIBER	48CT
REV	DESCRIPTION

DESIGNED BY: J.DAILEY
 DRAWN BY: A.O.LIVER
 APPROVED BY: M.DAILEY
 DATE: 7/15/2014
 SCALE: NTS

TOTAL SHEETS: 17
 SHEET: 12

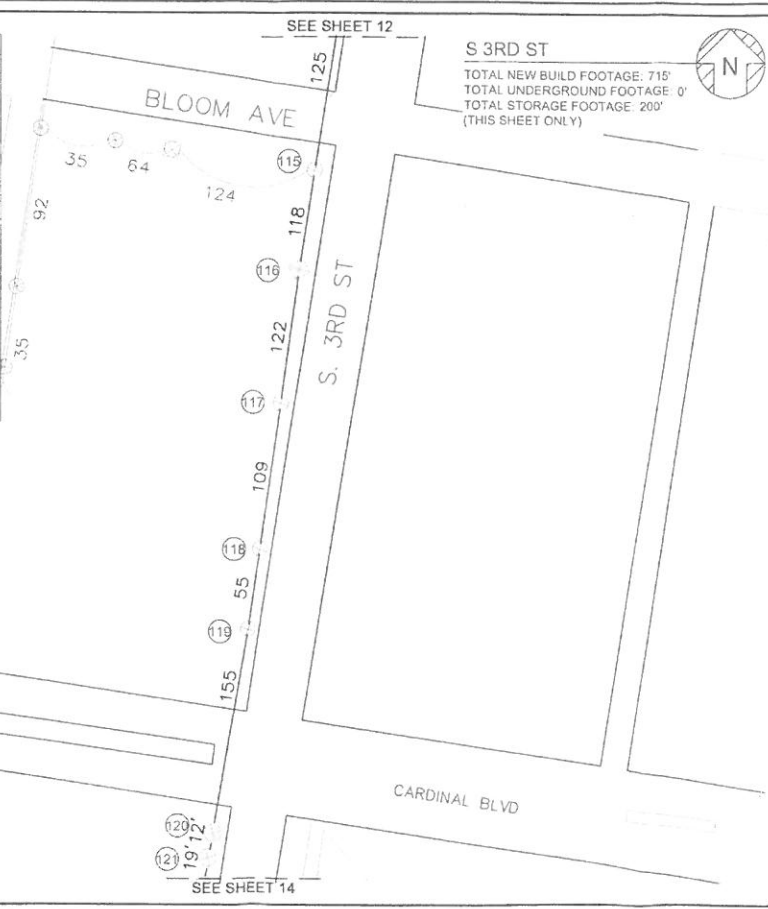
U.S. Engineering & Inspection Services Inc.

SEE SHEET 13

SEE SHEET 11

POLE NOTES					
POLE NUMBER	115	116	117	118	119
OWNER	LG&E	LG&E	LG&E	LG&E	LG&E
TAC #	NT	NT	4290-26344	NT	4290-26328
SIZE					
LOWEST PWR	BTM SEC @ 30'V 30 SEC @ 32'V	BTM XFRM @ 21'V SERV DRIP LP @ 20'V	TOP PRS BRKT @ 31'V TOP SEC @ 30'V BTM SEC @ 29'V	BTM SEC @ 30'V	BTM SEC @ 34'V
ST LTR/LT					
NEW EXTENET	ATTACH @ 29'V	ATTACH @ 21'V	ATTACH @ 22'V	ATTACH @ 26'V	ATTACH @ 28'V
WINDSTREAM	28'V	26'V DOWNZ	27'V	29'V	24'V
WINDSTREAM	27'V @ NEW	22'V	22'V	22'V	22'V
TW CABLE	18'V	18'V	18'V	18'V	18'V
TRAPT	18'V	18'V	18'V	18'V	18'V
LINKN	18'V	18'V	18'V	18'V	18'V
LINKN	18'V	18'V	18'V	18'V	18'V
LINKN	18'V	18'V	18'V	18'V	18'V
AT&T					
AT&T					
LG&E MAKE READY	REMOVE O.D. 30' SEC		ADD 5' SPLIT DUCT TO PR. LATERAL. 18' TO 10' BRKT		
EXTENET NOTES					

POLE NOTES		
POLE NUMBER	120	121
OWNER	LG&E	LG&E
TAC #	NT	4290-26317
SIZE		30'CL3
LOWEST PWR	TOP PRS COND @ 29'V TOP SEC @ 28'V BTM SEC @ 28'V	TOP PRS COND @ 27'V TOP SEC @ 27'V SFC W/HEAD @ 29'V
ST LTR/LT	BRKT @ 28'V	BRKT @ 24'V
NEW EXTENET	ATTACH @ 23'V	ATTACH @ 21'V
WINDSTREAM	22'V	20'V
TW CABLE	18'V	18'V
TRAPT	18'V	18'V
LINKN	18'V	18'V
LINKN	18'V	18'V
AT&T	18'V	18'V
AT&T	18'V	18'V
LG&E MAKE READY	RELEASE OPEN W/ND SFC WITH LAY SEC @ 21'V (INSTALL LAY P115,P123)	INSTALL LAY SEC @ 27'V
EXTENET NOTES		



S 3RD ST
 TOTAL NEW BUILD FOOTAGE: 715'
 TOTAL UNDERGROUND FOOTAGE: 0'
 TOTAL STORAGE FOOTAGE: 200'
 (THIS SHEET ONLY)

extenet SM
 SYSTEMS

LOCATION: W BURNETT ST - 3RD ST.
 LOUISVILLE, KY 40208

INSTALL FIBER:	48CT
DATE:	
EXTENSION:	

DESIGNED BY:	J DALEY
DRAWN BY:	A OLIVER
APPROVED BY:	M DALEY
DATE:	7/15/2014
SCALE:	NTS
TOTAL SHEETS:	17
SHEET:	13

U.S. Engineering & Inspection Services Inc.

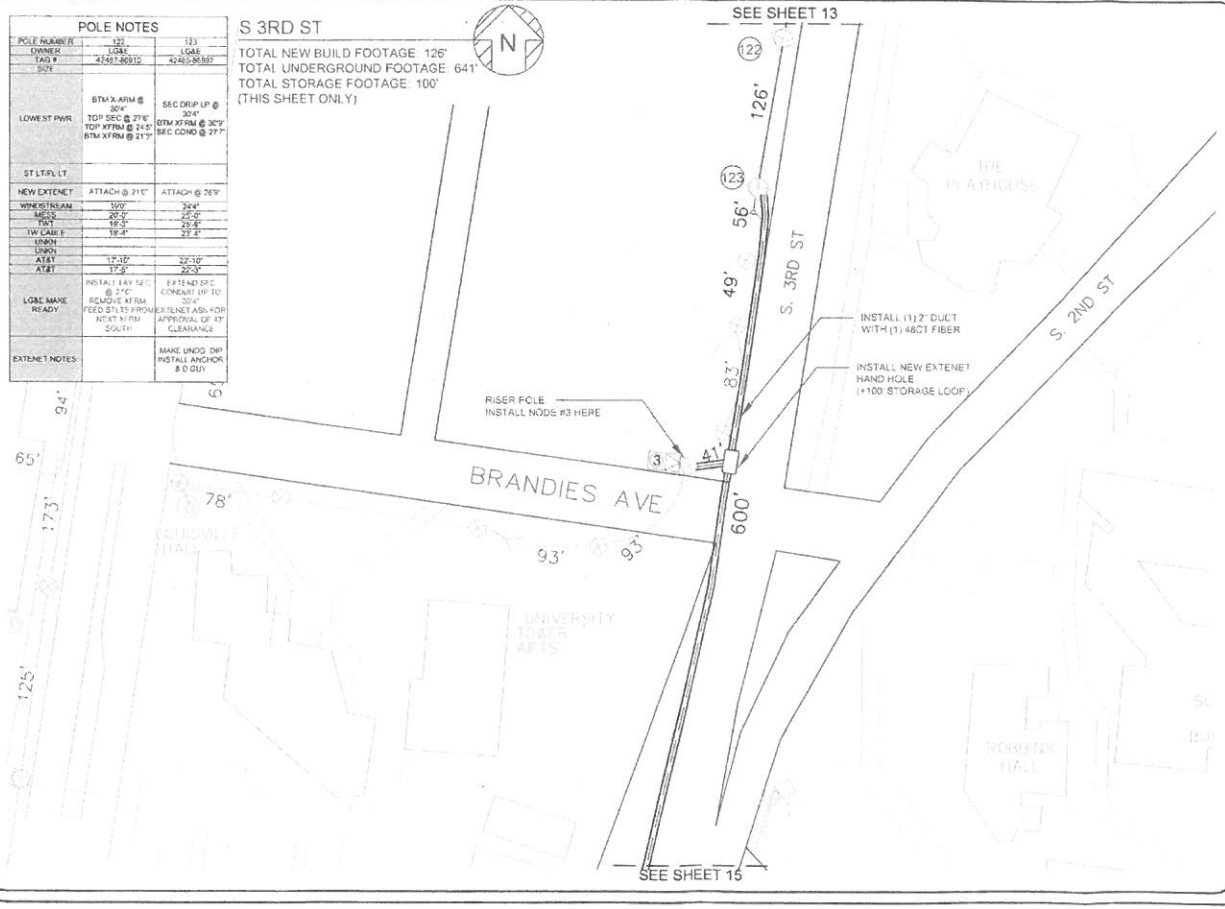
POLE NOTES		
POLE NUMBER	121	111
OWNER	LOOSE	LOOSE
TAG #	4241-26312	4241-26387
SIZE		
LOWEST ST PWR	BTM X-ARM @ 30'4"	SEC DRIP UP @ 30'4"
	TOP SEC @ 27'6"	BTM X-ARM @ 30'4"
	TOP X-ARM @ 24'5"	SEC COND @ 27'6"
	BTM X-ARM @ 21'9"	
ST LTR/LT		
NEW EXTENET	ATTACH @ 21'6"	ATTACH @ 26'9"
WINDSHIELD	3'0"	2'4"
WCS	20'0"	22'0"
WV	19'3"	23'3"
W CABLE	18'4"	22'4"
EMPH		
UNION	17'10"	22'10"
AT#1	17'5"	22'3"
LOOSE MAKE READY	INSTALL 1/2" SEC @ 21'6"	EXTEND SEC CONDENT UP TO 20'4"
	REMOVE ATRM	REMOVE ATRM
	REED ST'S FROM EXTENET ASH FOR NEXT NTRM	APPROVAL OF 27' CLEARANCE
EXTENET NOTES	MAKE UNDO DRP	INSTALL ANCHOR & D CUP

S 3RD ST
 TOTAL NEW BUILD FOOTAGE 126'
 TOTAL UNDERGROUND FOOTAGE 641'
 TOTAL STORAGE FOOTAGE 100'
 (THIS SHEET ONLY)



SEE SHEET 13

SEE SHEET 15



extenetSM
 SYSTEMS

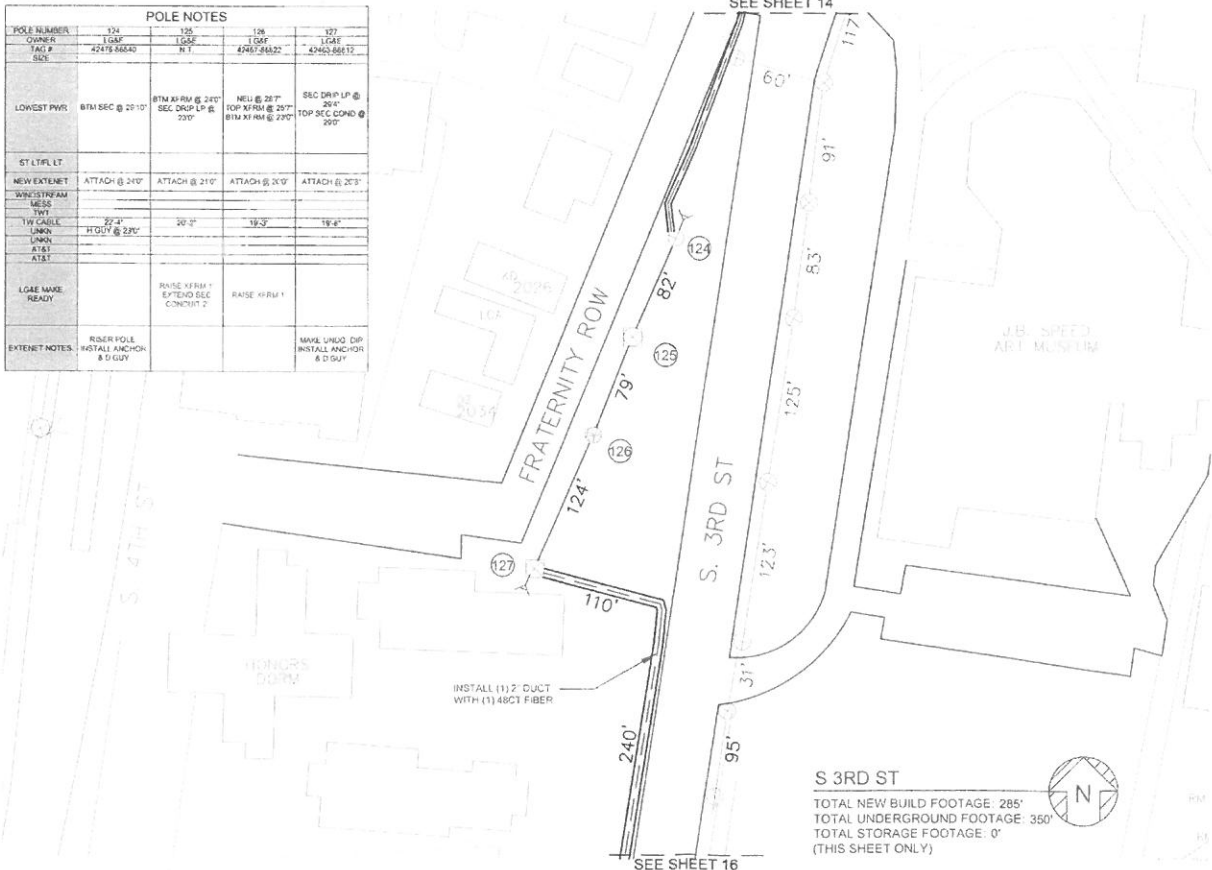
LOCATION: W BURNETT ST - 3RD ST.
 LOUISVILLE, KY 40208

INSTALL FIBER:	48CT
REV	DESCRIPTION
DATE	

DESIGNED BY:	J. DAILEY
DRAWN BY:	A. OLIVER
APPROVED BY:	M. DAILEY
DATE:	7/15/2014
SCALE:	NTS
TOTAL SHEETS:	17
SHEET:	14

INS Engineering & Inspection Services, Inc.

POLE NOTES			
POLE NUMBER	124	125	127
OWNER	LG&F	LG&F	LG&F
TRF #	42415-68640	N.T.	42462-68612
SEC.			
LOWEST PWR.	BTM SEC @ 22'10"	BTM XFRM @ 21'0" SEC DRIP LP @ 23'0"	NEU @ 28'7" TOP XFRM @ 25'7" BTM XFRM @ 22'0"
ST LFL/FLT			SEC DRIP LP @ 20'4" TOP SEC COND @ 20'0"
NEW EXTENT	ATTACH @ 21'0"	ATTACH @ 21'0"	ATTACH @ 21'0"
WINDSTRAM			
W/S			
1" CHALL	22'4"	30'0"	19'3"
LINK	HOLLY @ 23'0"		18'4"
AT&T			
LG&F MAKE READY		RAISE XFRM 1 EXTEND SEC CONCHRT 2	RAISE XFRM 1
EXTENET NOTES	RISE POLE INSTALL ANCHOR & D GUY		MAKE UNDO DRP INSTALL ANCHOR & D GUY



SEE SHEET 14

SEE SHEET 16

S 3RD ST
 TOTAL NEW BUILD FOOTAGE: 285'
 TOTAL UNDERGROUND FOOTAGE: 350'
 TOTAL STORAGE FOOTAGE: 0'
 (THIS SHEET ONLY)

extenetSM
 SYSTEMS
 LOCATION: W BURNETT ST - 3RD ST.
 LOUISVILLE, KY 40208

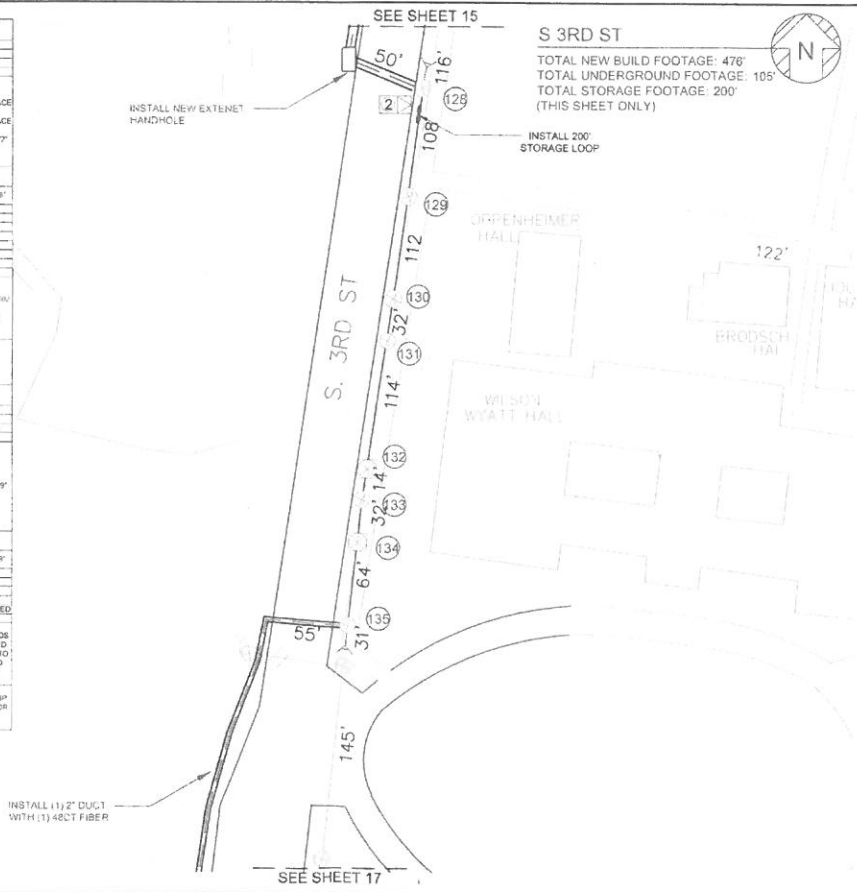
INSTALL FIBER:	48CT
REV	DESCRIPTION
DATE	

DESIGNED BY:	J. DAILEY
DRAWN BY:	A. OLIVER
APPROVED BY:	M. DAILEY
DATE:	7/15/2014
SCALE:	NTS
TOTAL SHEETS:	17
SHEET:	15

Engineering & Inspection Services Inc.

POLE NOTES				
POLE NUMBER	128	129	130	131
OWNER	LG&E	LG&E	LG&E	LG&E
TAG #	N.T.	N.T.	421246752	N.T.
SIZE	50"	50"	50"	50"
LOWEST PWR	BTM SEC @ 290"	BTM SEC @ 295" SEC DRIP UP @ 295" SIG W/HEAD @ 2911"	TOP X-ARM BRACE @ 288" BTM X-ARM BRACE @ 293" TOP CAP BANK @ 2910" BTM CAP BANK @ 224" SEC @ 212"	TOP X-ARM BRACE @ 288" BTM X-ARM BRACE @ 293" TOP CAP BANK @ 2910" BTM CAP BANK @ 247" BTM SEC @ 217"
ST LTR FLT				
NEW EXTENET	ATTACH @ 215"	ATTACH @ 227"	ATTACH @ 200"	ATTACH @ 199"
WINDSTREAM	18'-0"	21'-0"	17'-0"	19'-0"
W/CS				
TW CABLE	22'-0"	19'-0"	19'-0"	18'-0"
TRAFF	18'-0"	18'-0"	14'-0"	18'-10"
GREEN	19'-0"	19'-0"	18'-0"	17'-10"
A/B				
LG&E MAKE READY			RAISE BTM X-ARM RAISE CAP BANK 1 RAISE SEC 5	RAISE BTM X-ARM RAISE SEC 5
EXTENET NOTES	RISER POLE INSTALL ANCHOR & D GUY INSTALL NODE #2			

POLE NOTES				
POLE NUMBER	132	133	134	135
OWNER	LG&E	LG&E	LG&E	LG&E
TAG #	PROCT1063	50071086	4217058183	246106009
SIZE	50"	50"	50"	50"
LOWEST PWR	TOP PRI COND @ 2910" X-ARM BRACE @ 2910" BTM SEC @ 245"	TOP PRI BRKT @ 290" BTM SEC @ 290"	BTM SEC @ 249"	BTM SEC @ 239"
ST LTR FLT				
NEW EXTENET	ATTACH @ 225"	ATTACH @ 215"	ATTACH @ 200"	ATTACH @ 199"
WINDSTREAM	18'-0"	18'-11"		
W/CS				
TW CABLE	19'-0"	20'-0"		
TRAFF	19'-0"	14'-0"	16'-0"	200" N ATTACHED
GREEN	19'-0"			
A/B				
LG&E MAKE READY		ADD 0" SPLIT DUCT TO PRI LATERAL (UP TO TOP BANK)		OLD POLE NEEDS TO BE REMOVED TRAFF NEEDS TO TRANSFER TO NEW POLE
EXTENET NOTES				MAKE UNDO CIP INSTALL ANCHOR & D GUY



SEE SHEET 15

S 3RD ST

TOTAL NEW BUILD FOOTAGE: 476'
TOTAL UNDERGROUND FOOTAGE: 105'
TOTAL STORAGE FOOTAGE: 200'
(THIS SHEET ONLY)



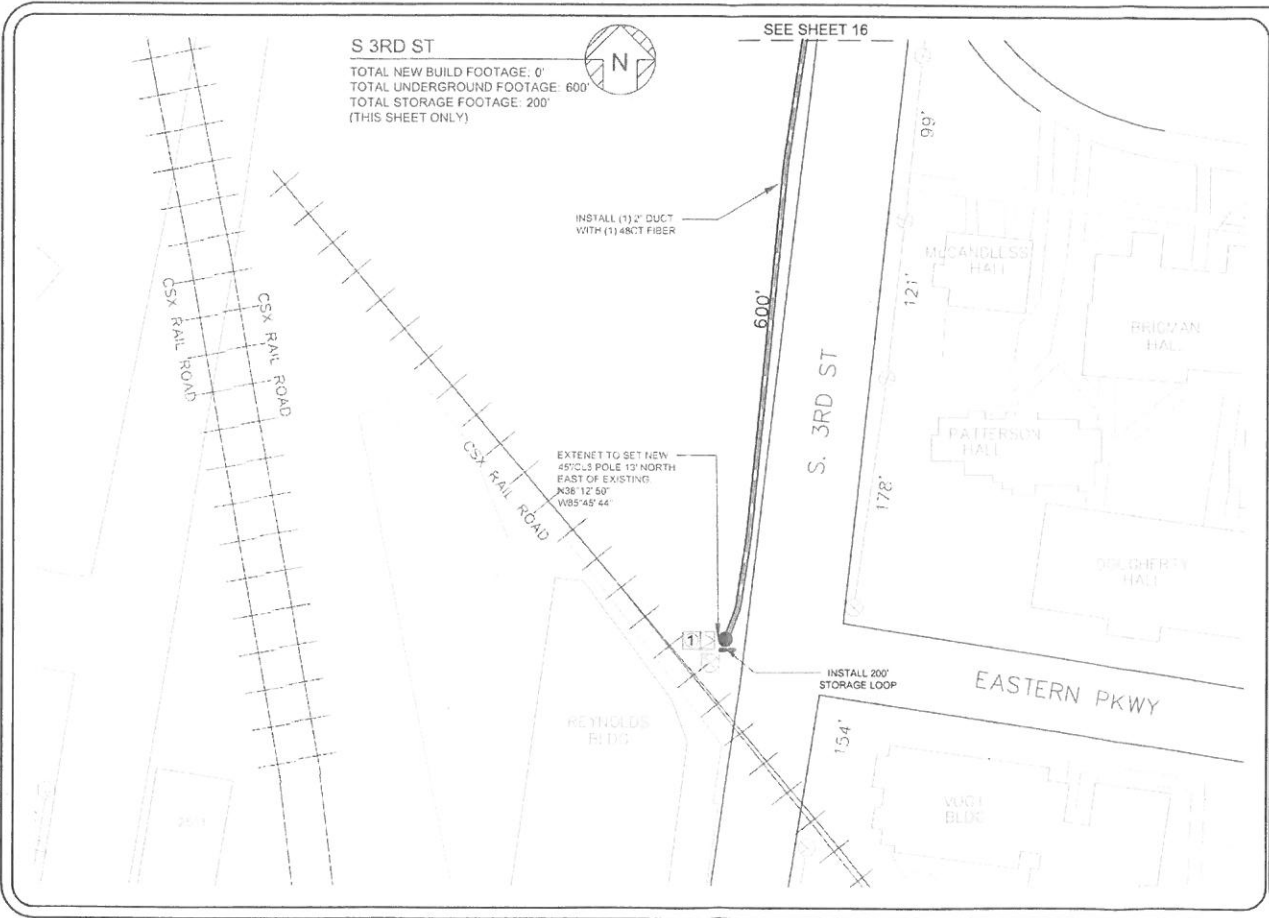
extenet SM SYSTEMS

LOCATION: W.BURNETT ST - 3RD ST.
LOUISVILLE, KY 40208

INSTALL FIBER:	48CT
REV	DESCRIPTION
DATE	

DESIGNED BY:	J.DAILEY
DRAWN BY:	A.OLIVER
APPROVED BY:	M.DAILEY
DATE:	7/15/2014
SCALE:	NTS
TOTAL SHEETS:	17
SHEET:	16

Engineering & Inspection Services Inc.



S 3RD ST
 TOTAL NEW BUILD FOOTAGE: 0'
 TOTAL UNDERGROUND FOOTAGE: 600'
 TOTAL STORAGE FOOTAGE: 200'
 (THIS SHEET ONLY)




SEE SHEET 16

INSTALL (1) 2" DUCT
 WITH (1) 48CT FIBER

EXTEND TO SET NEW
 45°/C.S POLE 13' NORTH
 EAST OF EXISTING
 N36° 12' 50"
 W85° 45' 44"


INSTALL 200'
 STORAGE LOOP



LOCATION: W BURNETT ST - 3RD ST.
 LOUISVILLE, KY 40208

INSTALL FIBER:	DATE
48CT	
NO.	DESCRIPTION

DESIGNED BY:	J. DAILEY
DRAWN BY:	A. OLIVER
APPROVED BY:	M. DAILEY
DATE:	7/15/2014
SCALE:	NTS
TOTAL SHEETS:	17
SHEET:	17


 Engineering & Inspection Services Inc.

NEW 40' CELL POLE TO
BE SET BY EXTENT
WITH NODE # 1.

S. 3RD ST

82'

INSTALL (1) 2' DUCT
WITH (1) 48CT FIBER
(STREET CUT)

45'

EASTERN PKWY

610'

INSTALL (1) 2' DUCT
WITH (1) 48CT FIBER
(STREET CUT)

EASTERN PKWY

TOTAL NEW BUILD FOOTAGE: 0'
TOTAL UNDERGROUND FOOTAGE: 807'
TOTAL STORAGE FOOTAGE: 0'
(THIS SHEET ONLY)



SEE SHEET 2



LOCATION: EASTERN PKWY
LOUISVILLE, KY 40292

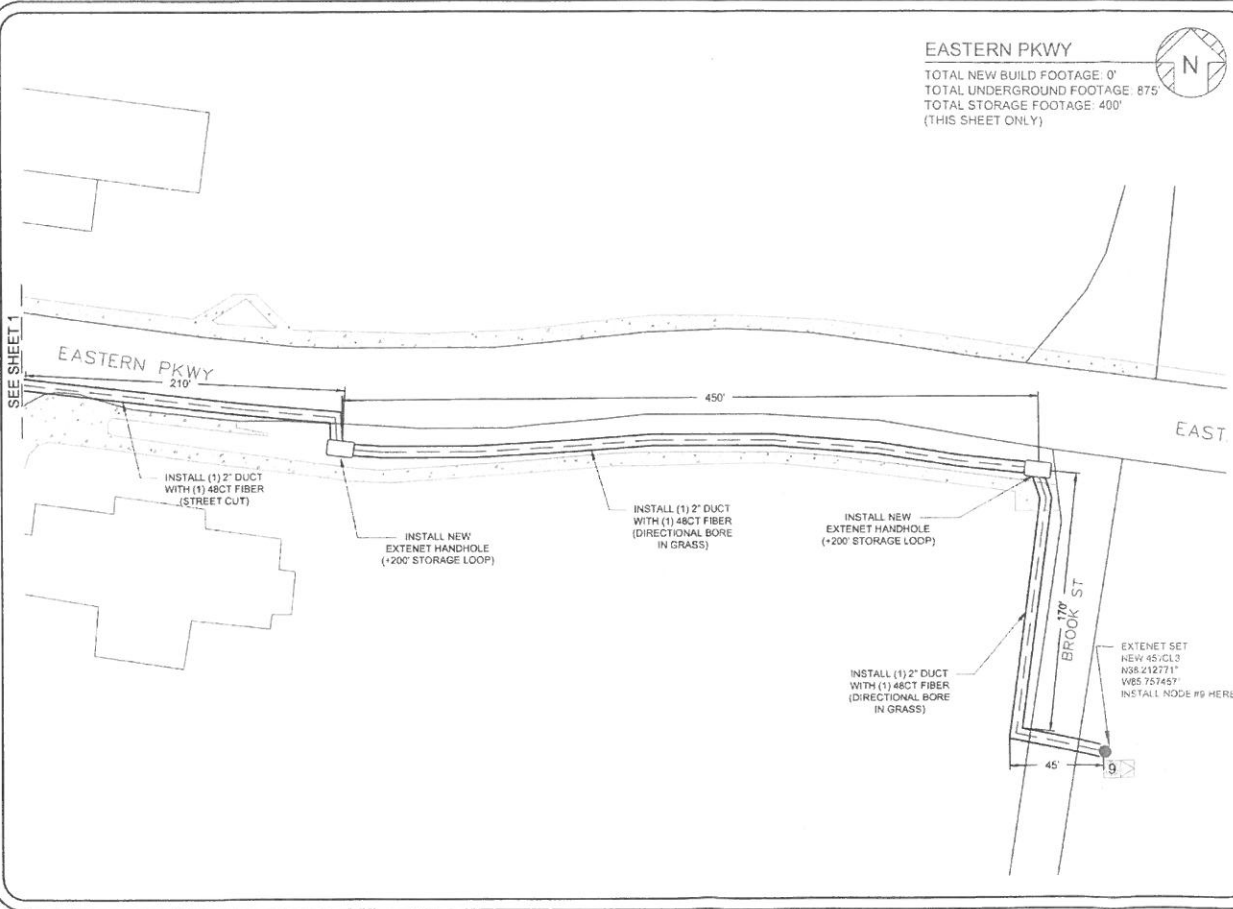
INSTALL FIBER:	48CT
REV	DESCRIPTION
DATE	

DESIGNED BY:	M DAILEY
DRAWN BY:	A OLIVER
APPROVED BY:	M DAILEY
DATE:	8/8/2014
SCALE:	NTS
TOTAL SHEETS:	2
SHEET:	1A

JUST Engineering & Inspection Services Inc.

EASTERN PKWY

TOTAL NEW BUILD FOOTAGE: 0'
 TOTAL UNDERGROUND FOOTAGE: 875'
 TOTAL STORAGE FOOTAGE: 400'
 (THIS SHEET ONLY)



extenetSM
 SYSTEMS
 LOCATION: EASTERN PKWY
 LOUISVILLE, KY 40292

INSTALL FIBER:	48CT
DATE:	
REV:	

DESIGNED BY:	M.DAILEY
DRAWN BY:	A. OLIVER
APPROVED BY:	M.DAILEY
DATE:	8/6/2014
SCALE:	NTS
TOTAL SHEETS:	2
SHEET:	2A

INSPECTION
 Engineering & Services, Inc.

INSTALL (1) 2" DUCT WITH (1) 48CT FIBER (STREET CUT)

INSTALL NEW EXTENET HANDHOLE (+200' STORAGE LOOP)

INSTALL (1) 2" DUCT WITH (1) 48CT FIBER (DIRECTIONAL BORE IN GRASS)

INSTALL NEW EXTENET HANDHOLE (+200' STORAGE LOOP)

INSTALL (1) 2" DUCT WITH (1) 48CT FIBER (DIRECTIONAL BORE IN GRASS)

EXTENET SET NEW 45-CL3 NOS 412711 W65 757457 INSTALL NODE #9 HERE



LOUISVILLE NETWORK ROUTE 2 NODES (7 & 8)

BOXLEY AVE - FLOYD ST
LOUISVILLE, KY 40208

THIS JOB IS TO:
 -INSTALL (1) 1/4" STRAND & (1) 48CT FIBER TO BE BUILT NEW WHERE INDICATED ON PRINTS.
 -INSTALL (1) 48CT FIBER IN (1) 2" DUCT TO BE DIRECTIONAL BORED [BURIED] WHERE INDICATED ON PRINTS.

GENERAL UNDERGROUND NOTES:

- INSTALL UND.G DUCT AT A MIN. DEPTH OF 36", UNLESS SPECIFIED OTHERWISE
- ALL HANDHOLES TO BE INSTALLED FLUSH WITH THE GROUND.
- LEAVE 100' STORAGE LOOP IN ALL NEW HANDHOLES.
- ALL STRAND OR CABLE TO BE BONDED AT EACH POLE, HANDHOLE, OR MANHOLE LOCATION
- ALL FIBER AT A RISER LOCATION IS TO BE PROTECTED IN DUCT TO ATTACHING LOCATION.
- ALL UTILITIES SHOULD BE LOCATED PRIOR TO ANY CONSTRUCTION OR DISTURBING OF GROUND. CALL BEFORE YOU DIG 811 OR 800-752-8007.
- RESTORE ALL SURFACES TO BETTER OR ORIGINAL CONDITION.
- ALL SAFETY REGULATIONS BY STATE AND LOCAL AUTHORITIES MUST BE MAINTAINED AT ALL TIMES.

LEGEND

<ul style="list-style-type: none"> ● 48 CT FIBER ○ 1/4" STRAND ○ 2" DUCT ○ 4" DUCT ○ 6" DUCT ○ 8" DUCT ○ 10" DUCT ○ 12" DUCT ○ 14" DUCT ○ 16" DUCT ○ 18" DUCT ○ 20" DUCT ○ 22" DUCT ○ 24" DUCT ○ 26" DUCT ○ 28" DUCT ○ 30" DUCT ○ 32" DUCT ○ 34" DUCT ○ 36" DUCT ○ 38" DUCT ○ 40" DUCT ○ 42" DUCT ○ 44" DUCT ○ 46" DUCT ○ 48" DUCT ○ 50" DUCT ○ 52" DUCT ○ 54" DUCT ○ 56" DUCT ○ 58" DUCT ○ 60" DUCT ○ 62" DUCT ○ 64" DUCT ○ 66" DUCT ○ 68" DUCT ○ 70" DUCT ○ 72" DUCT ○ 74" DUCT ○ 76" DUCT ○ 78" DUCT ○ 80" DUCT ○ 82" DUCT ○ 84" DUCT ○ 86" DUCT ○ 88" DUCT ○ 90" DUCT ○ 92" DUCT ○ 94" DUCT ○ 96" DUCT ○ 98" DUCT ○ 100" DUCT 	<ul style="list-style-type: none"> ■ 1" POLE ■ 2" POLE ■ 3" POLE ■ 4" POLE ■ 5" POLE ■ 6" POLE ■ 8" POLE ■ 10" POLE ■ 12" POLE ■ 14" POLE ■ 16" POLE ■ 18" POLE ■ 20" POLE ■ 22" POLE ■ 24" POLE ■ 26" POLE ■ 28" POLE ■ 30" POLE ■ 32" POLE ■ 34" POLE ■ 36" POLE ■ 38" POLE ■ 40" POLE ■ 42" POLE ■ 44" POLE ■ 46" POLE ■ 48" POLE ■ 50" POLE ■ 52" POLE ■ 54" POLE ■ 56" POLE ■ 58" POLE ■ 60" POLE ■ 62" POLE ■ 64" POLE ■ 66" POLE ■ 68" POLE ■ 70" POLE ■ 72" POLE ■ 74" POLE ■ 76" POLE ■ 78" POLE ■ 80" POLE ■ 82" POLE ■ 84" POLE ■ 86" POLE ■ 88" POLE ■ 90" POLE ■ 92" POLE ■ 94" POLE ■ 96" POLE ■ 98" POLE ■ 100" POLE
---	--

ROUTE 2 (NODES 7 & 8)

TOTAL NEW BUILD FOOTAGE 5,128'
 TOTAL UNDERGROUND FOOTAGE 591'
 TOTAL STORAGE FOOTAGE 600'
 ADDITIONAL STRAND 648'
 TOTAL PROJECT FOOTAGE: 6,967'



PERSON OF CONTACT:	CONTACT NAMES AND NUMBERS:	DRAWING LIST:				REVISIONS:	
CONTRACT ENGINEER:		SHEET	DESCRIPTION	SHEET	DESCRIPTION	DATE	REMARKS
JUST ENGINEERING & INSPECTION SERVICES (502) 955-8348		C	COVER SHEET (1-7)			8/19/2014	CHANGED TO DO AERIAL OVER EASTERN PKWY
			CONSTRUCTION SHEETS				

LOCATION:

FLOYD ST
LOUISVILLE, KY 40208

INSTALL FIBER:

48CT

REV.	DATE

DESIGNED BY:	J. DAILEY
DRAWN BY:	A. OLIVER
APPROVED BY:	M. DAILEY
DATE:	7/31/2014
SCALE:	NTS
TOTAL SHEETS:	
7	
SHEET:	
C	

JUST ENGINEERING & INSPECTION SERVICES Inc.



LOUISVILLE NETWORK ROUTE 2 NODES (7 & 8)

BOXLEY AVE - FLOYD ST
LOUISVILLE, KY 40208

THIS JOB IS TO:
 • INSTALL (1) 1/4" STRAND & (1) 48CT FIBER TO BE BUILT NEW WHERE INDICATED ON PRINTS.
 • INSTALL (1) 48CT FIBER IN (1) 2" DUCT TO BE DIRECTIONAL BORED (BURIED) WHERE INDICATED ON PRINTS.

GENERAL UNDERGROUND NOTES:

- INSTALL UNDGR DUCT AT A MIN. DEPTH OF 36", UNLESS SPECIFIED OTHERWISE
- ALL HANDHOLES TO BE INSTALLED FLUSH WITH THE GROUND
- LEAVE 100' STORAGE LOOP IN ALL NEW HANDHOLES
- ALL STRAND OR CABLE TO BE BONDED AT EACH POLE, HANDHOLE, OR MANHOLE LOCATION
- ALL FIBER AT A RISER LOCATION IS TO BE PROTECTED IN DUCT TO ATTACHING LOCATION
- ALL UTILITIES SHOULD BE LOCATED PRIOR TO ANY CONSTRUCTION OR DISTURBING OF GROUND. CALL BEFORE YOU DIG 811 OR 800-752-8007.
- RESTORE ALL SURFACES TO BETTER OR ORIGINAL CONDITION.
- ALL SAFETY REGULATIONS BY STATE AND LOCAL AUTHORITIES MUST BE MAINTAINED AT ALL TIMES.

LEGEND

●	48CT FIBER	□	PROPOSED MANHOLE
○	CONDUIT	□	EXISTING MANHOLE
○	3" DIA. DUCT	□	EXISTING POLE
○	12" DIA. DUCT	□	EXISTING POLE
○	24" DIA. DUCT	□	EXISTING POLE
○	36" DIA. DUCT	□	EXISTING POLE
○	48" DIA. DUCT	□	EXISTING POLE
○	60" DIA. DUCT	□	EXISTING POLE
○	72" DIA. DUCT	□	EXISTING POLE
○	84" DIA. DUCT	□	EXISTING POLE
○	96" DIA. DUCT	□	EXISTING POLE
○	108" DIA. DUCT	□	EXISTING POLE
○	120" DIA. DUCT	□	EXISTING POLE
○	132" DIA. DUCT	□	EXISTING POLE
○	144" DIA. DUCT	□	EXISTING POLE
○	156" DIA. DUCT	□	EXISTING POLE
○	168" DIA. DUCT	□	EXISTING POLE
○	180" DIA. DUCT	□	EXISTING POLE
○	192" DIA. DUCT	□	EXISTING POLE
○	204" DIA. DUCT	□	EXISTING POLE
○	216" DIA. DUCT	□	EXISTING POLE
○	228" DIA. DUCT	□	EXISTING POLE
○	240" DIA. DUCT	□	EXISTING POLE

ROUTE 2 (NODES 7 & 8)

TOTAL NEW BUILD FOOTAGE: 5,128'
 TOTAL UNDERGROUND FOOTAGE: 591'
 TOTAL STORAGE FOOTAGE: 600'
 ADDITIONAL STRAND: 648'
 TOTAL PROJECT FOOTAGE: 6,967'+



PERSON OF CONTACT:		CONTACT NAMES AND NUMBERS:		DRAWING LIST:			REVISIONS:	
		CONTRACT ENGINEER:		SHEET	DESCRIPTION	SHEET	DESCRIPTION	DATE
		JUST ENGINEERING & INSPECTION SERVICES		C	COVER SHEET			
		(502) 995-4342			CONSTRUCTION SHEETS			

extenet
SM
SYSTEMS

LOCATION: FLOYD ST
LOUISVILLE, KY 40208

INSTALL FIBER: 48CT

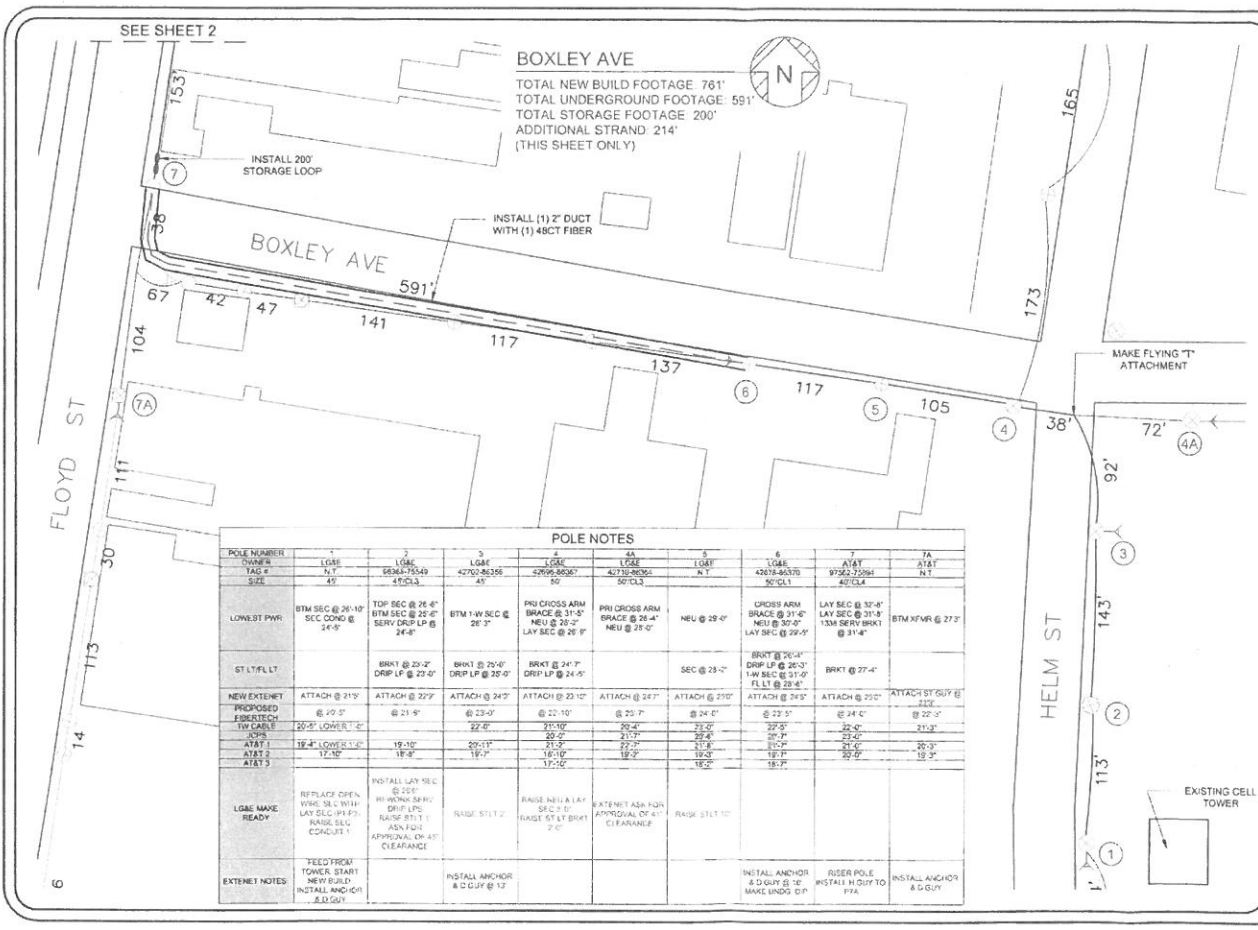
REV	DESCRIPTION	DATE

DESIGNED BY: J. DAILEY
DRAWN BY: A. OLIVER
APPROVED BY: M. DAILEY
DATE: 7/21/2014
SCALE: NTS
TOTAL SHEETS: 7
SHEET: C

JUST Engineering & Inspection Services Inc.

SEE SHEET 2

BOXLEY AVE
 TOTAL NEW BUILD FOOTAGE 761'
 TOTAL UNDERGROUND FOOTAGE 591'
 TOTAL STORAGE FOOTAGE 200'
 ADDITIONAL STRAND 214'
 (THIS SHEET ONLY)



POLE NOTES

POLE NUMBER	1	2	3	4	5	6	7	8	9	10
OWNER	LG&E	LG&E	LG&E	LG&E	LG&E	LG&E	LG&E	LG&E	LG&E	LG&E
TAG #	11.1	08.04-10.04	42.70-46.04	2.00-40.00	4.0-10.0	4.0-10.0	4.0-10.0	4.0-10.0	4.0-10.0	4.0-10.0
SIZE	48"	48"	48"	48"	48"	48"	48"	48"	48"	48"
LOW VOLT PWR	BTM SEC @ 26'-10" SEC COND @ 24'-8"	TOP SEC @ 26'-4" BTM SEC @ 22'-8" SERV DRP LP @ 24'-8"	BTM 1-W SEC @ 26'-2"	PRV CROSS ARM BRACE @ 31'-5" NEU @ 28'-2" LAY SEC @ 28'-0"	PRV CROSS ARM BRACE @ 26'-4" NEU @ 28'-0"	NEU @ 28'-0"	CROSS ARM BRACE @ 31'-8" LAY SEC @ 31'-8" 1338 SERV BRKT @ 31'-4"	LAY SEC @ 31'-8" LAY SEC @ 31'-8" 1338 SERV BRKT @ 31'-4"	BTM 4PWR @ 27'-2"	
ST L/F/LT		BRKT @ 23'-2" DRP LP @ 22'-0"	BRKT @ 20'-0" DRP LP @ 20'-0"	BRKT @ 24'-7" DRP LP @ 24'-5"		SEC @ 23'-0"	BRKT @ 26'-4" DRP LP @ 26'-3" 1-W SEC @ 31'-0" TL LT @ 25'-4"	BRKT @ 27'-4"		
NEW EXTERNET PROPOSED	ATTACH @ 21'	ATTACH @ 22'	ATTACH @ 24'	ATTACH @ 22'-10"	ATTACH @ 24'	ATTACH @ 25'	ATTACH @ 24'	ATTACH @ 25'	ATTACH @ 25'	ATTACH @ 25'
EXISTING W/CABLE	20'-0" LOWER 1'-0"	@ 21'-8"	@ 23'-0"	@ 22'-10"	@ 23'-7"	@ 24'-0"	@ 22'-5"	@ 24'-0"	@ 22'-0"	@ 22'-0"
AT&T 1	12'-4" LOWER 1'-0"	19'-10"	20'-11"	20'-0"	21'-3"	22'-4"	20'-7"	22'-0"	20'-3"	20'-3"
AT&T 2	12'-10"	18'-9"	19'-7"	18'-10"	19'-0"	19'-0"	18'-0"	18'-0"	18'-0"	18'-0"
AT&T 3				17'-10"		18'-0"				
LG&E MAKE READY	REPLACE OPEN WIRE SEC WITH LAY SEC. RAISE RISE ELEC CONDUIT 1'	INSTALL LAY SEC @ 20" REPLACE OPEN WIRE SEC WITH LAY SEC. RAISE RISE ELEC CONDUIT 1'	RAISE ST L T 2'	RAISE NEU & LAY SEC 2 1/2' RAISE ST L BRK 2'	EXTENIT ASB FOR APPROVAL OF 4" CLEARANCE	RAISE ST L T 10"				
EXTERNET NOTES	FIELD FROM TOWER START NEW BUILD. INSTALL ANCHOR & GUY		INSTALL ANCHOR & GUY @ 12'				INSTALL ANCHOR & GUY @ 12' MAKE UNDS OP	RISER POLE. INSTALL H GUY TO FIX		INSTALL ANCHOR & GUY

LOCATION: FLOYD ST
LOUISVILLE, KY 40208

INSTALL FIBER: 48CT

DATE: _____

REV: _____

DESIGNED BY: J.DAILEY
 DRAWN BY: A.OLIVER
 APPROVED BY: M.DAILEY
 DATE: 7/31/2014
 SCALE: NTS

TOTAL SHEETS: 7
 SHEET: 1

Engineering & Inspection Services, Inc.

SEE SHEET 2

BOXLEY AVE

TOTAL NEW BUILD FOOTAGE 761'
 TOTAL UNDERGROUND FOOTAGE 591'
 TOTAL STORAGE FOOTAGE 200'
 ADDITIONAL STRAND 214'
 (THIS SHEET ONLY)



INSTALL 200' STORAGE LOOP

INSTALL (1) 2" DUCT WITH (1) 48CT FIBER

MAKE FLYING "T" ATTACHMENT

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 SYSTEMS

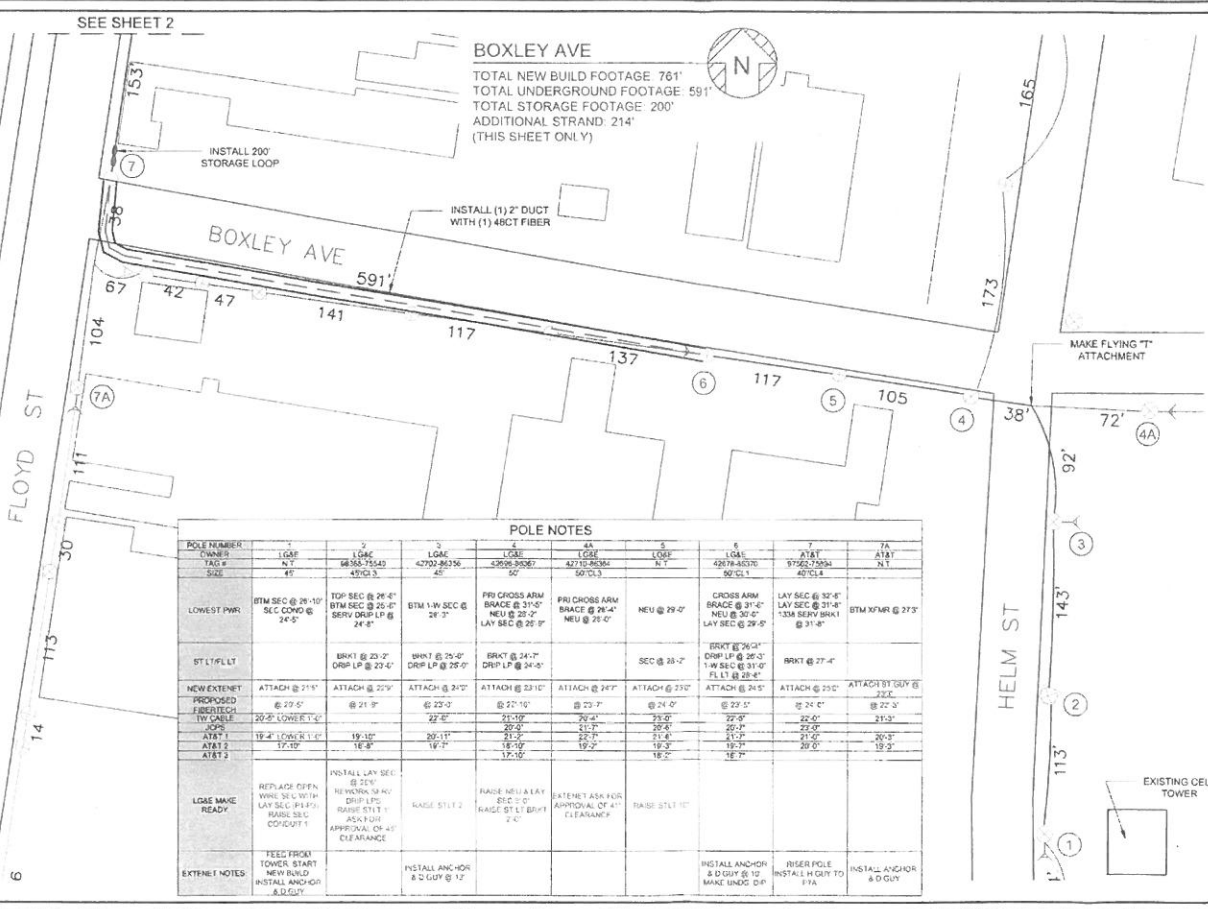
LOCATION: FLOYD ST
 LOUISVILLE, KY 40208

INSTALL FIBER:
48CT

DESIGNED BY: J. DAILEY
 DRAWN BY: A. OLIVER
 APPROVED BY: M. DAILEY
 DATE: 7/31/2014
 SCALE: NTS

TOTAL SHEETS: **7**
 SHEET: **1**

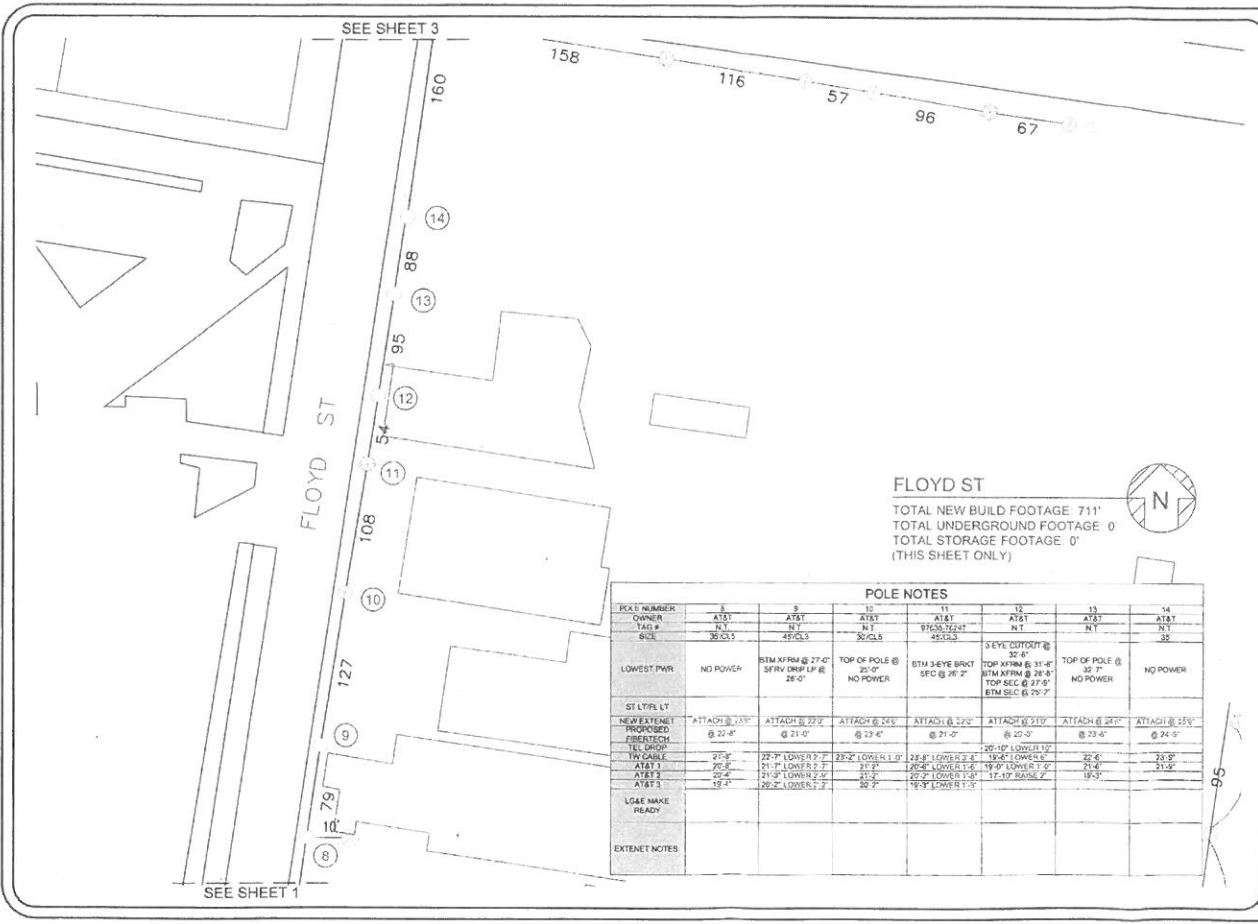
Engineering & Inspection Services Inc.



POLE NOTES

POLE NUMBER	1	2	3	4	5	6	7	7A
OWNER TAG #	LOAC N.T.	LOAC 66363-75542	LOAC 42703-96336	LOAC 42606-30527	LOAC 42710-96336	LOAC 42678-46370	AT&T 97562-75096	AT&T N.T.
TYPE	N.T.	48CT	48CT	48CT	48CT	48CT	48CT	48CT
LOWEST PWR	BTM SEC @ 28'-10" SEC COND @ 24'-5"	TOP SEC @ 26'-0" BTM SEC @ 25'-0" SERV DRIP LP @ 24'-0"	BTM 1-W-SEC @ 28'-3"	FR CROSS ARM BRACE @ 31'-0" NEU @ 28'-2" LAY SEC @ 28'-0"	FR CROSS ARM BRACE @ 26'-4" NEU @ 25'-0"	NEU @ 29'-0"	CROSS ARM BRACE @ 31'-0" LAY SEC @ 31'-8" 1338 SERV BRK1 @ 31'-0"	BTM XPMR @ 27'-3"
ST LT/PLT		BRKT @ 23'-2" DRP LP @ 23'-4"	BRKT @ 26'-0" DRP LP @ 25'-0"	BRKT @ 24'-7" DRP LP @ 24'-0"		SEC @ 28'-2"	BRKT @ 26'-0" DRP LP @ 26'-0" 1-W SEC @ 31'-0" FLT @ 28'-0"	BRKT @ 27'-4"
NEW EXTENET PROPOSED FIBER/TECH 1W CABLE	ATTACH @ 21'-0" @ 29'-0"	ATTACH @ 23'-0" @ 21'-0"	ATTACH @ 21'-0" @ 23'-0"	ATTACH @ 23'-0" @ 21'-0"	ATTACH @ 24'-0" @ 23'-0"	ATTACH @ 23'-0" @ 24'-0"	ATTACH @ 24'-0" @ 22'-0"	ATTACH @ 23'-0" @ 22'-0"
APS	AT&T 1 19'-2" LOW @ 11'-4" 17'-10"	19'-30" 18'-9"	20'-11" 19'-7"	21'-0" 19'-2"	20'-4" 19'-2"	20'-0" 19'-2"	22'-0" 20'-0"	20'-0" 19'-2"
LOAC MAKE READY	REPLACE RFFN WIRE SEC WITH LAY SEC (PLP) RAISE SERVO CONDUIT 1	INSTALL LAY SEC @ 25'-0" NETWORK 3R NO DRIP LP @ 25'-0" RAISE STLT 1 ASK FOR APPROVAL OF 4" CLEARANCE	RAISE STLT 2	RAISE NEU & LAY SEC @ 0" RAISE STLT BRK1 2"	EXTENET ASK FOR APPROVAL OF 4" CLEARANCE	RAISE STLT 10"		
EXTENET NOTES	FEED FROM TOWER SHARK NEW BUILD INSTALL ANCHOR @ 0'-0"		INSTALL ANCHOR @ 0'-0" @ 12'				INSTALL ANCHOR @ 0'-0" @ 10' MAKE UNDO DP	RISER POLE INSTALL H OUT TO 5' FA


EXISTING CELL TOWER



FLOYD ST
 TOTAL NEW BUILD FOOTAGE: 711'
 TOTAL UNDERGROUND FOOTAGE: 0'
 TOTAL STORAGE FOOTAGE: 0'
 (THIS SHEET ONLY)

POLE NOTES

POLE NUMBER	8	9	10	11	12	13	14
OWNER	AT&T	AT&T	AT&T	A&E	AT&T	AT&T	AT&T
TYPE	35	35	35	9760/3247	85	85	70
SIZE	35/CL5	45/CL5	35/CL5	45/CL5			35
LOWEST PWR	NO POWER	BTM XFRM @ 27'-0" SERV DRIP LP @ 26'-0"	TOP OF POLE @ 25'-0" NO POWER	BTM 3-EYE BRKT SEC @ 26'-2"	3-EYE OUTPOST @ 32'-4"	TOP OF POLE @ 32'-7" BTM XFRM @ 28'-8" TOP SEC @ 27'-6" BTM SEC @ 29'-7"	NO POWER
ST LTR LT							
NEW EXTENL PROPOSED	ATTACH @ 23'-0" @ 22'-4"	ATTACH @ 22'-2" @ 21'-0"	ATTACH @ 21'-0" @ 23'-4"	ATTACH @ 22'-0" @ 21'-0"	ATTACH @ 21'-0" @ 20'-0"	ATTACH @ 20'-0" @ 23'-4"	ATTACH @ 25'-0" @ 24'-5"
FIBERTECH							
TEL GROUP	27'-4"	22'-0" LOWER 2'-0"	23'-0" LOWER 1'-0"	23'-0" LOWER 1'-0"	20'-0" LOWER 1'-0"	22'-4"	21'-0"
AT&T 1	20'-0"	21'-0" LOWER 2'-0"	21'-0"	20'-0" LOWER 1'-0"	19'-0" LOWER 1'-0"	21'-4"	21'-0"
AT&T 2	20'-0"	21'-0" LOWER 2'-0"	21'-0"	20'-0" LOWER 1'-0"	19'-0" LOWER 1'-0"	21'-4"	21'-0"
AT&T 3	18'-4"	20'-0" LOWER 2'-0"	20'-0"	19'-0" LOWER 1'-0"		19'-0"	
LG&E MAKE READY							
EXTENET NOTES							



FLOYD ST
LOUISVILLE, KY 40208

LOCATION:

INSTALL FIBER: **48CT**

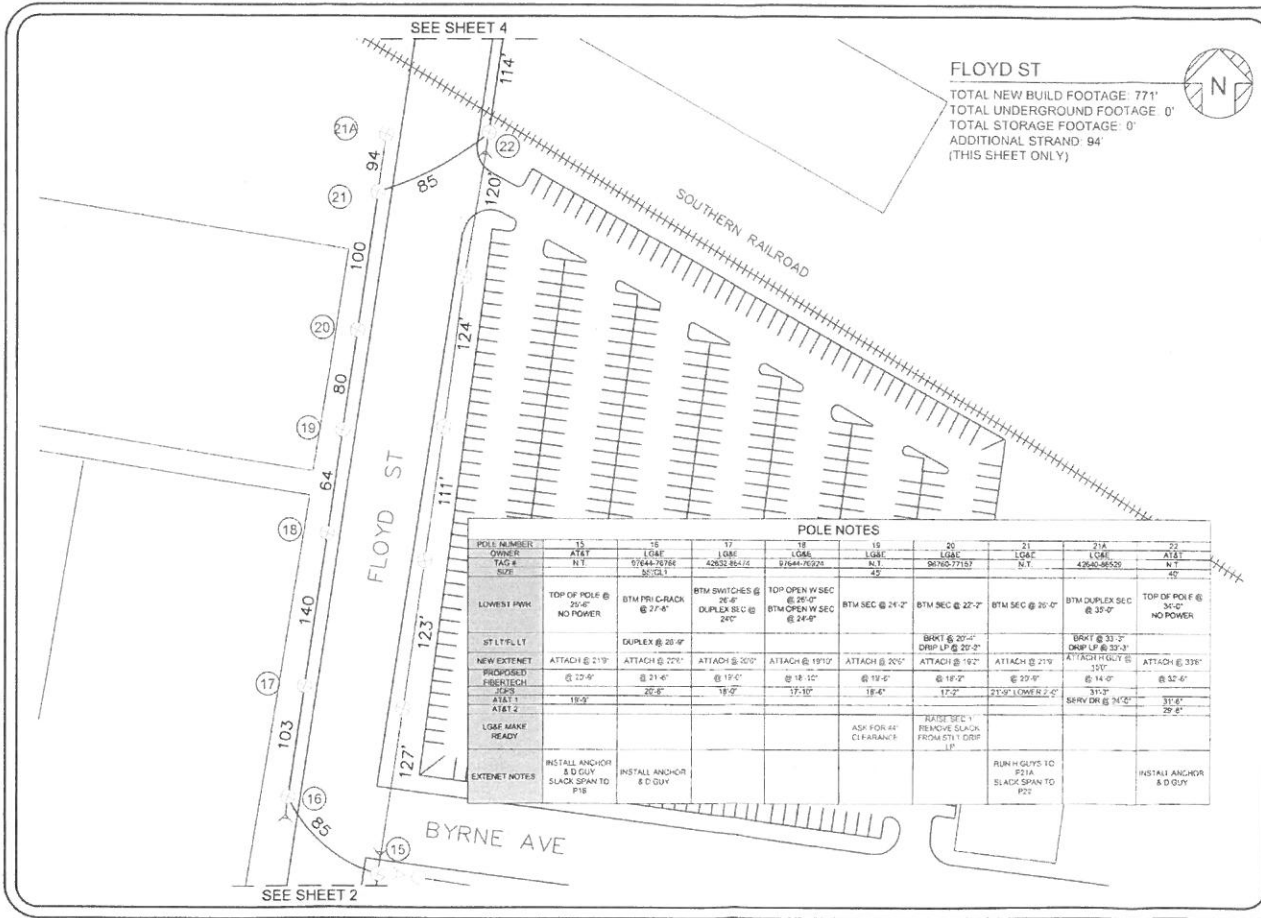
REV: DESCRIPTION:

DESIGNED BY: J. DAILEY
 DRAWN BY: A. OLIVER
 APPROVED BY: M. DAILEY
 DATE: 7/31/2014
 SCALE: NTS

TOTAL SHEETS: **7**

SHEET: **2**

US Engineering & Inspection Services, Inc.




FLOYD ST

TOTAL NEW BUILD FOOTAGE: 771'
 TOTAL UNDERGROUND FOOTAGE: 0'
 TOTAL STORAGE FOOTAGE: 0'
 ADDITIONAL STRAND: 94'
 (THIS SHEET ONLY)



POLE NOTES

POLE NUMBER	15	16	17	18	19	20	21	21A	22
OWNER	AT&T	LO&L	LO&L	LO&L	LO&L	LO&L	LO&L	LO&L	AT&T
TAG #	5144-7376	4203-3414	2744-1924	411	2102-7717	511	4940-8928	N/A	N/A
UTIL	80-331	80-331	80-331	80-331	80-331	80-331	80-331	80-331	80-331
LOWEST PWR	TOP OF POLE @ 20'-0" NO POWER	BTM TR. CRACK @ 27'-0"	BTM SWITCHES @ 26'-0" DUPLEX SEC @ 24'-0"	TOP OPEN W SEC @ 26'-0" BTM OPEN W SEC @ 24'-0"	BTM SEC @ 21'-2"	BTM SEC @ 22'-2"	BTM SEC @ 20'-0"	BTM DUPLEX SEC @ 35'-0"	TOP OF POLE @ 34'-0" NO POWER
ST L F L T		DUPLEX @ 20'-0"				BRKT @ 20'-0" DRIP @ 20'-2"	BRKT @ 33'-2" DRIP @ 30'-0"		
NEW EXTENT PROPOSED FIBERTECH	ATTACH @ 21'-0"	ATTACH @ 22'-0"	ATTACH @ 30'-0"	ATTACH @ 19'-1/2"	ATTACH @ 20'-0"	ATTACH @ 19'-2"	ATTACH @ 21'-0"	ATTACH @ 14'-0"	ATTACH @ 33'-0"
SEC AT&T	@ 12'-0"	@ 21'-0"	@ 17'-0"	@ 18'-10"	@ 18'-0"	@ 18'-0"	@ 22'-0"	@ 14'-0"	@ 32'-0"
LOGS MARK READY					ASK FOR 4' CLEARANCE	RAISE SEC 1' REACTIVE SLACK FROM 0.1 TO 0.5 IP			
EXTENT NOTES	INSTALL ANCHOR & D GUY SLACK SPAN TO P18	INSTALL ANCHOR & D GUY					RUN 4 GUY'S TO P21A SLACK SPAN TO P22		INSTALL ANCHOR & D GUY



LOCATION: FLOYD ST
LOUISVILLE, KY 40208

INSTALL FIBER: **48CT**


REV / DESCRIPTION / DATE

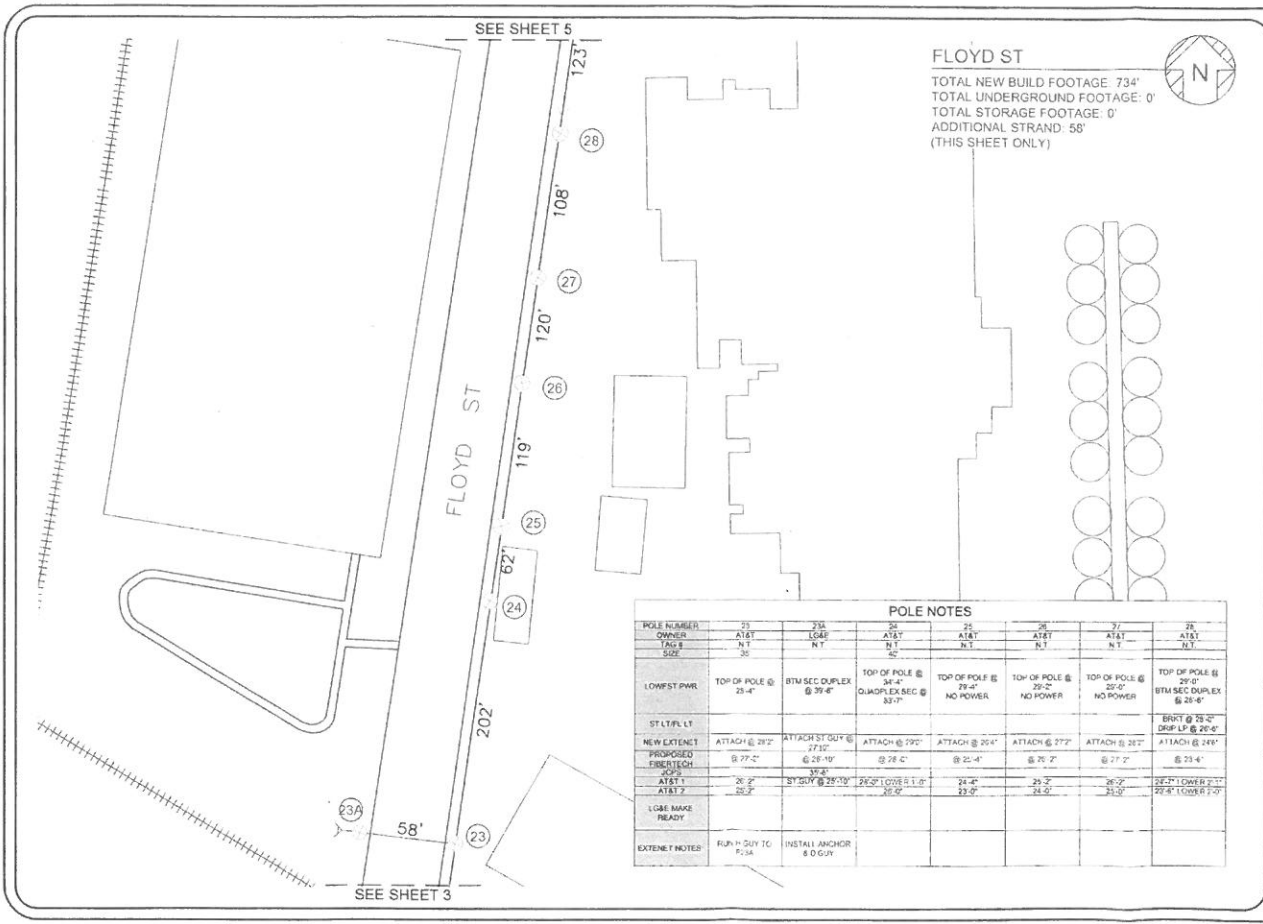
DESIGNED BY: J DAILEY
 DRAWN BY: A OLIVER
 APPROVED BY: M DAILEY
 DATE: 7/31/2014
 SCALE: NTS

TOTAL SHEETS: **7**

SHEET: **3**

Engineering & Inspection Services, Inc.





FLOYD ST
 TOTAL NEW BUILD FOOTAGE: 734'
 TOTAL UNDERGROUND FOOTAGE: 0'
 TOTAL STORAGE STRAND: 58'
 (THIS SHEET ONLY)

POLE NOTES							
POLE NUMBER	23	23A	24	25	26	27	28
OWNER	AT&T	LG&E	AT&T	AT&T	AT&T	AT&T	AT&T
TASK & SIZE	N 1 30	N 1 30	N 1 30	N 1 30	N 1 30	N 1 30	N 1 30
LOWEST PWR	TOP OF POLE @ 21'-4"	BTM SEC DUPLEX @ 39'-4"	TOP OF POLE @ 34'-4" DUPLEX SEC @ 33'-7"	TOP OF POLE @ 29'-4" NO POWER	TOP OF POLE @ 29'-2" NO POWER	TOP OF POLE @ 25'-0" NO POWER	TOP OF POLE @ 29'-0" BTM SEC DUPLEX @ 28'-0"
ST. LTR. LT							BRKT @ 25'-2" DROP UP @ 26'-0"
NEW LITANCE	ATTACH @ 29'2"	ATTACH ST 00' @ 27'10"	ATTACH @ 29'0"	ATTACH @ 29'4"	ATTACH @ 27'7"	ATTACH @ 26'2"	ATTACH @ 24'9"
PROPOSED FIBER TECH	@ 77'-2"	@ 28'-10"	@ 28'-2"	@ 22'-4"	@ 76'-2"	@ 77'-2"	@ 23'-4"
AT&T 1	26'-2"	SYSTEM @ 28'-10"	28'-2"	24'-4"	23'-2"	26'-2"	22'-2" LOWER 2'-11"
AT&T 2	26'-2"		26'-2"	23'-0"	21'-2"	21'-0"	22'-2" LOWER 2'-0"
LOGS MAKE READY							
EXTENET NOTES	RUN P. SUTY TO P. 3A	INSTALL ANCHOR @ D.C. 21					

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 FLOYD ST
 LOUISVILLE, KY 40208

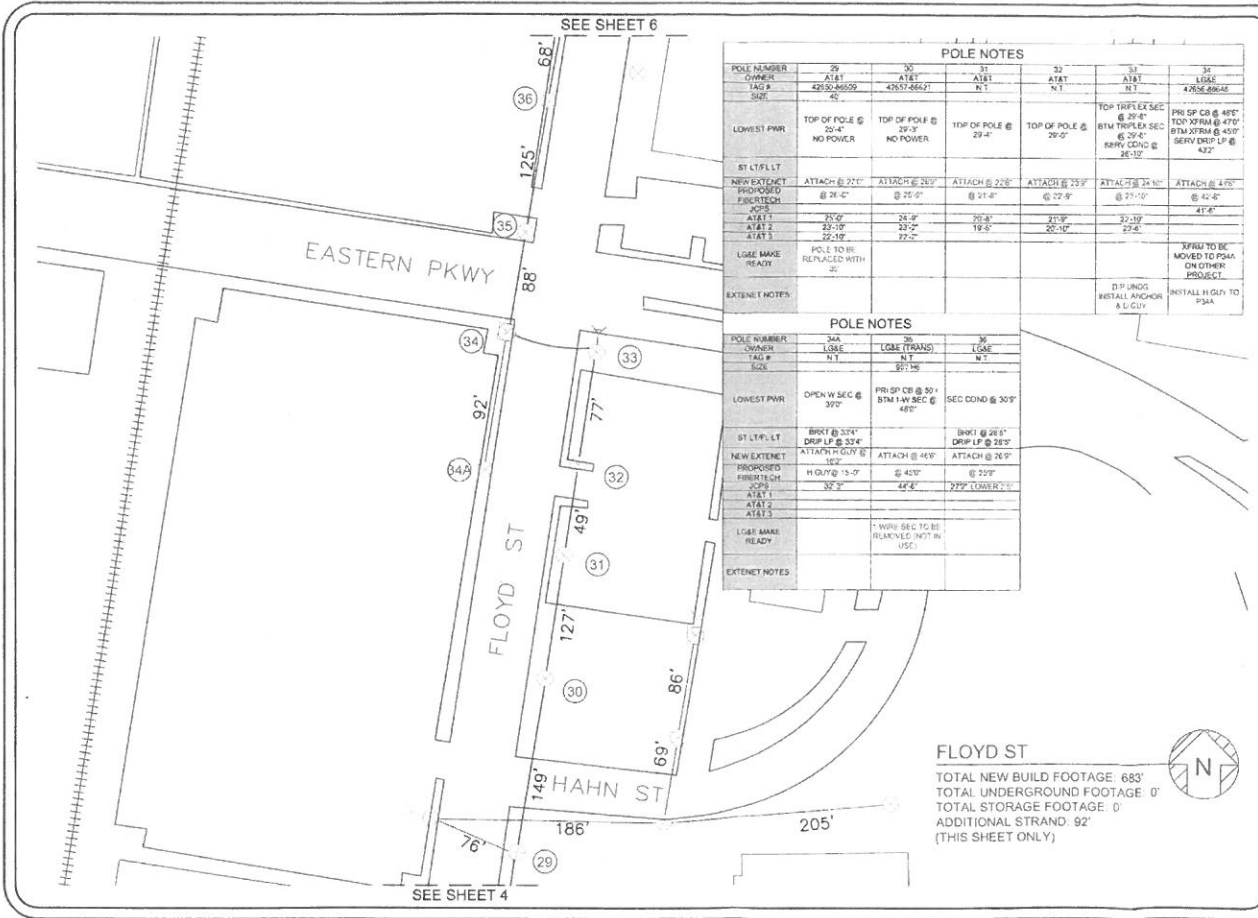
INSTALL FIBER: 48CT

REV	DESCRIPTION	DATE

DESIGNED BY: J DAILEY
 DRAWN BY: A OLIVER
 APPROVED BY: M DAILEY
 DATE: 7/31/2014
 NO. 1: NTS

TOTAL SHEETS: 7
 SHEET: 4

US Engineering & Inspection Services Inc.



POLE NOTES					
POLE NUMBER	29	30	31	32	33
OWNER	AT&T	AT&T	AT&T	AT&T	LG&E
TAG #	42632-86552	42637-86627	N.T.	N.T.	42632-86648
SIZE	45'				
LOWEST PWR	TOP OF POLE @ 25'-4"	TOP OF POLE @ 29'-3"	TOP OF POLE @ 29'-4"	TOP OF POLE @ 29'-0"	TOP TRIP LEX SEC @ 30'-0"
	NO POWER	NO POWER			BTM TRIPLEX SEC @ 32'-6"
					SERV COND @ 26'-10"
ST LTP: LT					PRI SP CB @ 48"
					TOP XFRM @ 47"
					BTM XFRM @ 40"
					SERV DRIP LP @ 42"
NEW EXTENET PROPOSED FIBER/TECH	ATTACH @ 21' @ 24'-0"	ATTACH @ 20' @ 24'-0"	ATTACH @ 21' @ 24'-0"	ATTACH @ 23' @ 22'-0"	ATTACH @ 24'-0" @ 21'-0"
POLE					ATTACH @ 42' @ 42'-0"
AT&T 1	20'-0"	25'-0"	20'-0"	21'-0"	37'-10"
AT&T 2	32'-10"	29'-0"	19'-0"	20'-10"	22'-0"
AT&T 3	22'-10"	22'-0"			
LOG# MAKE READY	POLE TO BE REPLACED WITH 35'				
EXTENET NOTES				D.P. UNDS INSTALL ANCHOR & LUGS	SPRU TO BE MOVED TO P3AA OR OTHER PROTECT

POLE NOTES			
POLE NUMBER	34A	35	36
OWNER	LG&E	LG&E (TRANS)	LG&E
TAG #	N.T.	N.T.	N.T.
SIZE	55'-15"	55'-15"	
LOWEST PWR	OPEN W SEC @ 30'	PRI SP CB @ 50"	SEC COND @ 30'
		BTM 1-W SEC @ 48"	
ST LTP: LT	BKRT @ 324" DRIP LP @ 32'		BKRT @ 281" DRIP LP @ 28'
NEW EXTENET PROPOSED FIBER/TECH	ATTACH @ 60' @ 52'	ATTACH @ 46'	ATTACH @ 26'
POLE	HIDUP @ 15'-0"	@ 42'	@ 22'
AT&T 1	32'-0"	42'-0"	22'-0" (CONVERT)
AT&T 2			
AT&T 3			
LOG# MAKE READY		* WIRE SEC TO BE REMOVED IN 18" USEC	
EXTENET NOTES			

FLOYD ST
 TOTAL NEW BUILD FOOTAGE 683'
 TOTAL UNDERGROUND FOOTAGE 0'
 TOTAL STORAGE FOOTAGE 0'
 ADDITIONAL STRAND 92'
 (THIS SHEET ONLY)

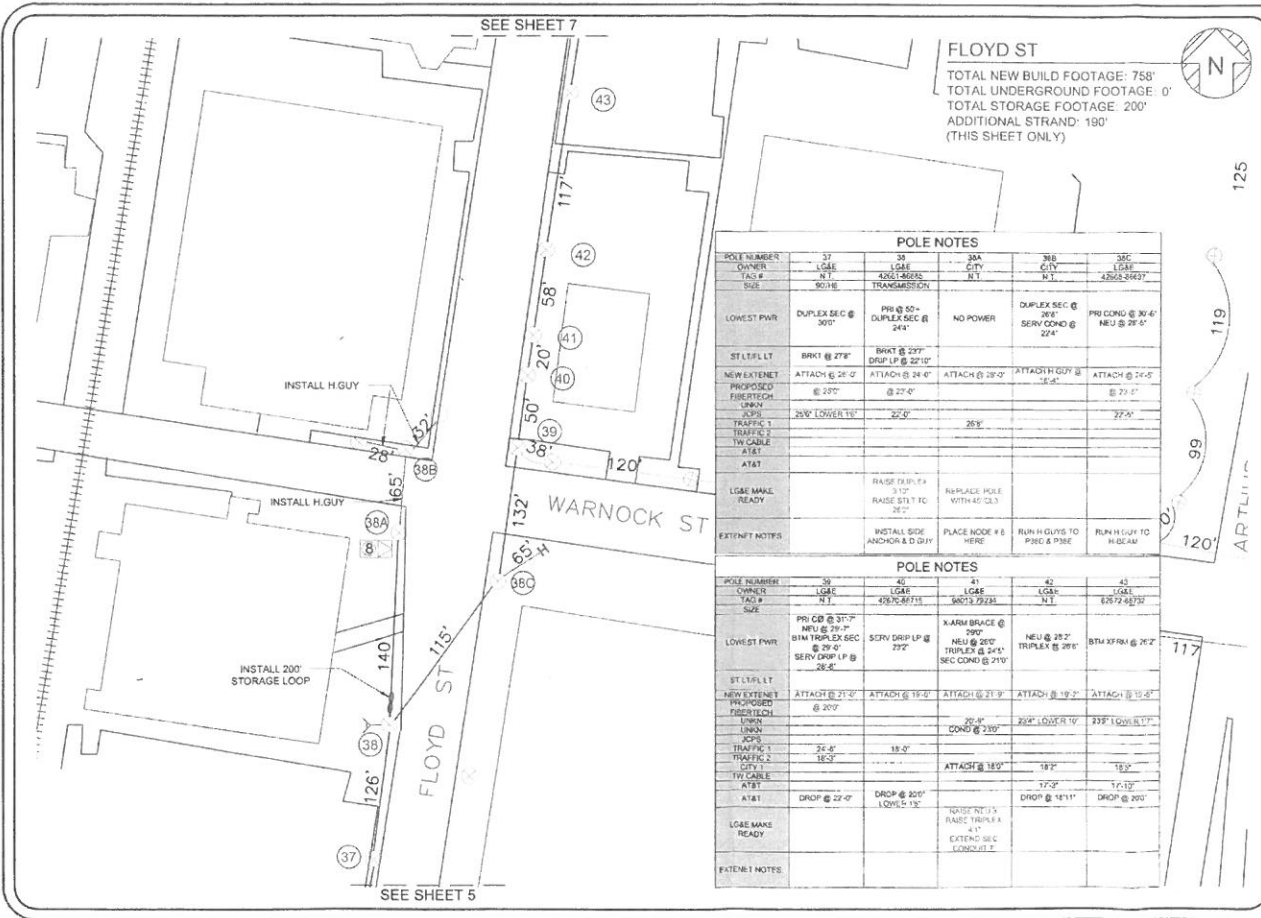


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 SYSTEMS
 FLOYD ST
 LOUISVILLE, KY 40208

INSTALL FIBER
48CT
 REV: 1 - 08/09/14
 2 - 08/09/14
 3 - 08/09/14
 4 - 08/09/14
 5 - 08/09/14
 6 - 08/09/14
 7 - 08/09/14
 8 - 08/09/14
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DESIGNED BY: J DAILEY
 DRAWN BY: A OLIVER
 APPROVED BY: M DAILEY
 DATE: 7/31/2014
 SCALE: NTS
 TOTAL SHEETS: 7
 SHEET: 5

Engineering & Inspection Services Inc.



FLOYD ST
 TOTAL NEW BUILD FOOTAGE: 758'
 TOTAL UNDERGROUND FOOTAGE: 0'
 TOTAL STORAGE FOOTAGE: 200'
 ADDITIONAL STRAND: 190'
 (THIS SHEET ONLY)



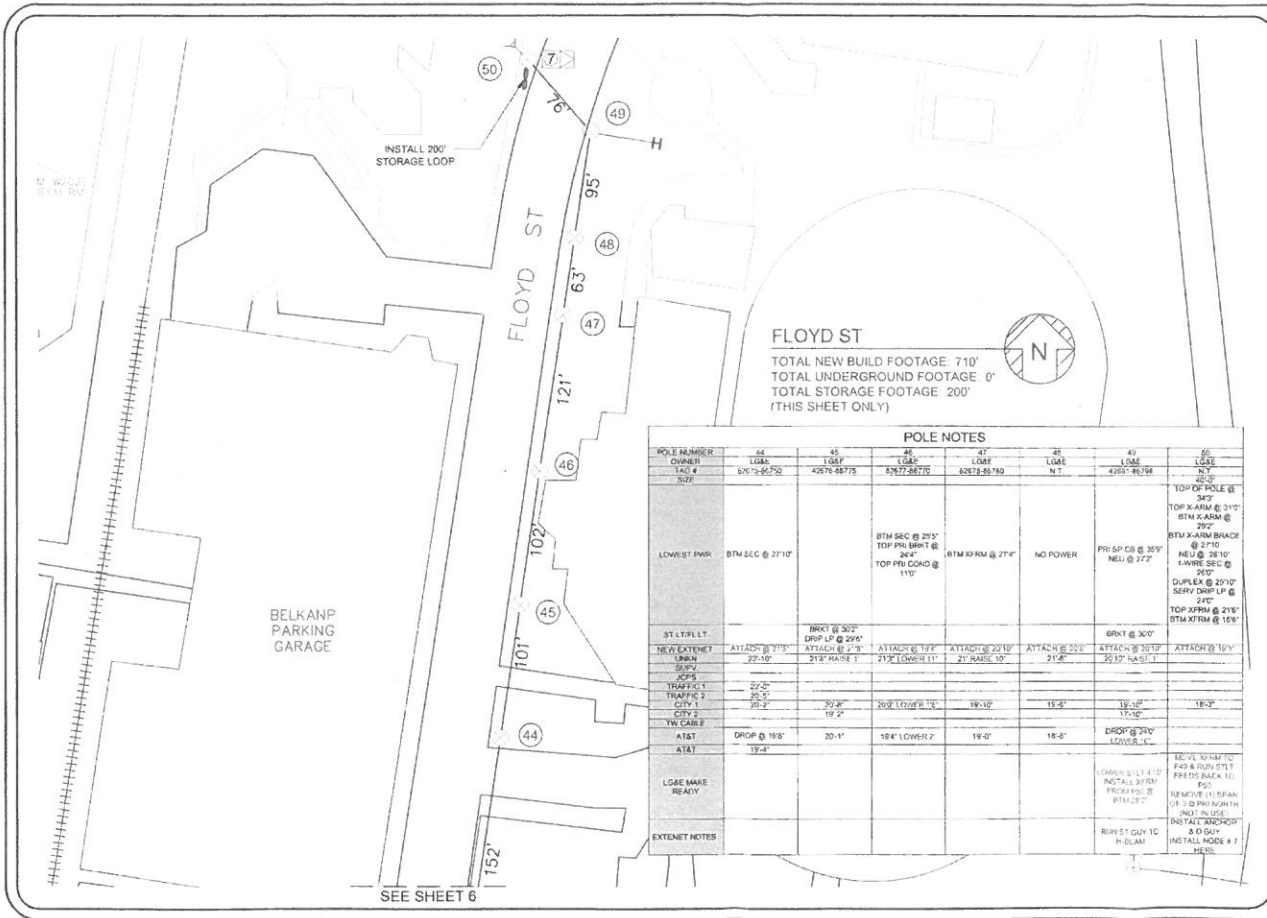
POLE NOTES				
POLE NUMBER	OWNER	LOG#	LOG#	LOG#
TAG #	N.T.	4261-4262	311	4263-4267
SIZE	9018	TRANSMISSION	BT	BT
LOWEST PWR	DUPLEX SEC @ 300'	PR @ 50'- DUPLEX SEC @ 24'	NO POWER	DUPLEX SEC @ 300' SERV COND @ 224'
ST L<	BRK @ 27'	BRK @ 237'		
NEW EXTENSI	ATTACH @ 22-0'	ATTACH @ 24-0'	ATTACH @ 28-0'	ATTACH @ 24-5'
PROPOSED	@ 23'-0'	@ 27'-0'		@ 27'-0'
FIBER/TECH				
DRINK				
TRAFFIC 1	25'-0'	27'-0'	28'-0'	27'-0'
TRAFFIC 2				
TW CABLE				
AT&T				
LOG# MAKE	READY	RAISE DUPLEX 3-10'	RAISE STLT TO 28'-0'	REPLACE POLE WITH 40-0' CL3
EXTENSI NOTES	INSTALL SIDE ANCHOR & D GUY	PLACE NODE # 8 HERE	RUN H GUY TO P36C & P38E	RUN H GUY TO H-BEAM

POLE NOTES				
POLE NUMBER	OWNER	LOG#	LOG#	LOG#
TAG #	N.T.	4263-4271	311	4272
SIZE	9018	TRANSMISSION	BT	BT
LOWEST PWR	PR @ 30'- NEU @ 29'- SIM DUPLEX SEC @ 29'-0'	SERV DRIP LP @ 232'	X-ARM BRACE @ 290'	NEU @ 28'-2" TRIPLEX @ 285'
ST L<				BTM XFRM @ 26'-2"
NEW EXTENSI	ATTACH @ 21'-0'	ATTACH @ 19'-0'	ATTACH @ 21'-9"	ATTACH @ 19'-3"
PROPOSED	@ 20'-0'			ATTACH @ 19'-0"
FIBER/TECH				
DRINK				
TRAFFIC 1	24'-0'	18'-0'	20'-0'	23'-0'
TRAFFIC 2	18'-0'			
TW CABLE			ATTACH @ 18'-0"	18'-0"
AT&T	DROP @ 22'-0"	DROP @ 20'-0"		17'-0"
LOG# MAKE	READY	LOG# 13'	RAISE TOWER 4'-1"	DROP @ 14'-11"
EXTENSI NOTES			EXTEND SEC COND @ 210'	DROP @ 20'-0"

extener
 SYSTEMS
 FLOYD ST
 LOUISVILLE, KY 40208

INSTALL FIBER: **48CT**
 DATE: 8/15/2014
 DRAWN BY: J.DAILEY
 APPROVED BY: M.DAILEY
 DATE: 7/31/2014
 SCALE: NTS
 TOTAL SHEETS: **7**
 SHEET: **6**

US Engineering & Inspection Services Inc.



FLOYD ST
 TOTAL NEW BUILD FOOTAGE: 710'
 TOTAL UNDERGROUND FOOTAGE: 0'
 TOTAL STORAGE FOOTAGE: 200'
 (THIS SHEET ONLY)

POLE NOTES						
POLE NUMBER	44	45	46	47	48	49
OWNER	LG&E	LG&E	LG&E	LG&E	LG&E	LG&E
TAX #	5N75-01702	42676-88775	62677-88770	82678-88769	N.T.	42681-88768
SIZE						
LOWEST PWR	BTM SEC @ 27'10"		BTM SEC @ 20'5" TOP PH BRKT @ 24" TOP PH COAD @ 110"	BTM XFORM @ 27'4"	NO POWER	PH SP CB @ 30" NEU @ 27'2"
ST L FR LLT		BRKT @ 30'2" DROP LP @ 29'6"				BRKT @ 30'0"
NEW EXTENET	ATTACH @ 3'5"	ATTACH @ 2'0"	ATTACH @ 18'4"	ATTACH @ 20'10"	ATTACH @ 20'0"	ATTACH @ 35'10"
SPAN	22'0"	20'0"	20'0" (2200# 1/2")	19'10"	19'0"	20'10" (2200# 1/2")
TRAFFIC 1	22'0"	20'0"	20'0" (2200# 1/2")	19'10"	19'0"	20'10" (2200# 1/2")
TRAFFIC 2	20'0"	20'0"	20'0" (2200# 1/2")	19'10"	19'0"	20'10" (2200# 1/2")
TRAFFIC 3	20'0"	20'0"	20'0" (2200# 1/2")	19'10"	19'0"	20'10" (2200# 1/2")
AT&T	DROP @ 18'8"	20'1"	18'4" LOWER 2'	19'0"	18'8"	DROP @ 24'0" 1200# 1/2"
LG&E MAKE READY						REMOVE (1) SPAN OR (1) DOWN BOLT AND INSTALL WOODPOST & D GUY. INSTALL MODE # 7
EXTENET NOTES						RIPST GUY TO H-BEAM

LOCATION: FLOYD ST
LOUISVILLE, KY 40208

INSTALL FIBER: **48CT**

DESIGNED BY: J.DAILEY
 DRAWN BY: A.OLIVER
 APPROVED BY: M.DAILEY
 DATE: 7/31/2014
 SCALE: NTS

TOTAL SHEETS: **7**
 SHEET: **7**

Exhibit C



ENGINEERING STATEMENT
(LMCO § 116.71(D)(1)(g))

As Vice President and an Officer for ExteneNet Systems, Inc., I submit this statement as part of ExteneNet's application for a Communications Franchise from the Louisville-Jefferson County Metro Government ("Louisville Metro"). Pursuant to Section 116.71(D)(1)(g) of the Louisville Metro Communication Services Franchise Ordinance (the "Ordinance"), I hereby advise that the ExteneNet planned system and operations thereof will meet all the requirements set forth in the Ordinance and in ExteneNet's application for a Communications Franchise.

A handwritten signature in cursive script that reads "Terry Ray".

Terry Ray, Vice President
ExteneNet Systems, Inc.

Exhibit D

KY Public Service Commission

Utility Information

General	Address	Comments	Counties	Groups
Utility ID 5056960	Company ExteNet Systems, Inc.			
Utility Type 505	Competitive Local Exchange Carrier			
Utility Status A	Utility Inactive Date	Total Customers		
Class D	Report Required N			
Mult Service	Mult Service Type Default Address Not a Multi Service Company Correspondence			
Last Changed: 5/30/2014				

Exhibit E

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FCC Form 499 Filer Database Detailed Information

[FCC](#) > [CGB Home](#) > [FCC Form 499 Filer Database](#) > [FCC Form 499 Filer Database Detailed Information](#)

[FCC site map](#)

FCC Form 499 Filer Database DETAILED INFORMATION

 [Form 499 Filer 827267 RSS Feed](#)

Filer Identification Information:

499 Filer ID Number:	827267
Registration Current as of:	Apr 1 2014 12:00AM
Legal Name of Reporting Entity:	ExteNet Systems, Inc.
Doing Business As:	ExteNet Systems, Inc.
Principal Communications Type:	Other Local
Universal Service Fund Contributor:	No
	(Contact USAC at 888-641-8722 if this is not correct.)
Holding Company:	EXTENET SYSTEMS INC
Registration Number (CORESID):	0017819301
Management Company:	
Headquarters Address:	3030 Warrenville Road Ste.240
City:	Lisle
State:	IL
ZIP Code:	60532
Customer Inquiries Address:	3030 Warrenville Road Ste.240
City:	Lisle
State:	IL
ZIP Code:	60532
Customer Inquiries Telephone:	866-892-5327 Ext:
Other Trade Names:	ExteNet Systems, Inc ExteNet Systems (California), LLC ExteNet Systems (Virginia) LLC

Agent for Service of Process:

Local/Alternate Agent for Service of Process:

Telephone:	
Extension:	
Fax:	
E-mail:	
Business Address of Agent for Mail or Hand Service of Documents:	
City:	
State:	
ZIP Code:	

D.C. Agent for Service of Process: **NA Coproation Service Compa**
 Telephone: **800-927-9800**
 Extension:
 Fax: **302-636-5454**
 E-Mail: **none@usac.org**
 Business Address of D.C. Agent for
 Mail or Hand Service of Documents: **1090 Vermont Ave NW**
 City: **Washington**
 State: **DC**
 ZIP Code: **20005**

FCC Registration Information:

Chief Executive Officer: **Ross Manire**
 Business Address: **3030 Warrenville Road Ste.240**
 City: **Lisle**
 State: **IL**
 ZIP Code: **60532**

Chairman or Other Senior Officer: **Daniel Timm**
 Business Address: **3030 Warrenville Road Ste.240**
 City: **Lisle**
 State: **IL**
 ZIP Code: **60532**

President or Other Senior Officer: **George Vinyard**
 Business Address: **3030 Warrenville Road Ste.240**
 City: **Lisle**
 State: **IL**
 ZIP Code: **60532**

Jurisdictions in Which the Filing Entity Provides Telecommunications Services:

Alabama
 Arizona
 Arkansas
 California
 Colorado
 District of Columbia
 Florida
 Georgia
 Illinois
 Indiana
 Kansas
 Louisiana
 Maryland
 Massachusetts
 Michigan
 Missouri
 Nevada
 New Mexico
 New York
 Ohio
 Pennsylvania

Rhode Island
Texas
Wisconsin

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of Nov. 05, 2014

FCC Form 499 Filer Database Software Version
01.03.06 July 21, 2011

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Federal Communications Commission
445 12th Street SW
Washington, DC 20554
[More FCC Contact Information...](#)

Phone: 1-888-CALL-FCC (1-888-225-
5322)
TTY: 1-888-TELL-FCC (1-888-835-
5322)
Fax: 1-866-418-0232

- [Privacy Policy](#)
- [Website Policies & Notices](#)
- [Required Browser Plug-ins](#)
- [Freedom of Information Act](#)

Exhibit F



CERTIFICATE OF LIABILITY INSURANCE

EXTEN-3 OP ID: SF

DATE (MM/DD/YYYY)
11/24/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Waldman Bros. 6200 LBJ Freeway Suite 200 Dallas, TX 75240-6331 Todd Chanon	CONTACT NAME: PHONE (A/C, No., Ext): _____ FAX (A/C, No): _____ E-MAIL ADDRESS: _____ <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 80%;">INSURER(S) AFFORDING COVERAGE</th> <th style="width: 20%;">NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : National Fire Ins. Co.</td> <td style="text-align: center;">20478</td> </tr> <tr> <td>INSURER B : American Casualty Co.</td> <td style="text-align: center;">20427</td> </tr> <tr> <td>INSURER C : Continental Casualty</td> <td style="text-align: center;">20443</td> </tr> <tr> <td>INSURER D : Valley Forge Ins. Co.</td> <td style="text-align: center;">20508</td> </tr> <tr> <td>INSURER E : Lexington Insurance Co.</td> <td></td> </tr> <tr> <td>INSURER F : Columbia Casualty</td> <td style="text-align: center;">31127</td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : National Fire Ins. Co.	20478	INSURER B : American Casualty Co.	20427	INSURER C : Continental Casualty	20443	INSURER D : Valley Forge Ins. Co.	20508	INSURER E : Lexington Insurance Co.		INSURER F : Columbia Casualty	31127
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A : National Fire Ins. Co.	20478														
INSURER B : American Casualty Co.	20427														
INSURER C : Continental Casualty	20443														
INSURER D : Valley Forge Ins. Co.	20508														
INSURER E : Lexington Insurance Co.															
INSURER F : Columbia Casualty	31127														
INSURED ExteNet Systems, Inc. ExteNet Systems (Virginia) LLC I5 Wireless, LLC ExteNet Systems California LLC ESI Advanced Wireless Networks 3030 Warrenville Rd., Ste 340 Lisle, IL 60532															

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATION MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS				
A	GENERAL LIABILITY										
	<input checked="" type="checkbox"/>	COMMERCIAL GENERAL LIABILITY		4013130714	01/27/2014	01/27/2015	EACH OCCURRENCE	\$ 1,000,000			
	<input type="checkbox"/>	CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR					DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,000,000			
	<input checked="" type="checkbox"/>	Owner/Cont Prot.					MED EXP (Any one person)	\$ 5,000			
<input checked="" type="checkbox"/>	Stop Gap Liab (WA)		GENERAL & ADV INJURY				\$ 1,000,000				
GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE	\$ 2,000,000			
<input type="checkbox"/>	POLICY	<input checked="" type="checkbox"/>	PRO-JECT	<input type="checkbox"/>	LOC		PRODUCTS - COMP/OP AGG	\$ 2,000,000			
							Emp Ben.	\$ 1,000,000			
B	AUTOMOBILE LIABILITY										
	<input type="checkbox"/>	ANY AUTO		4013130681	01/27/2014	01/27/2015	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000			
	<input type="checkbox"/>	ALL OWNED AUTOS	<input type="checkbox"/>				SCHEDULED AUTOS	BODILY INJURY (Per person)	\$		
	<input checked="" type="checkbox"/>	HIRED AUTOS	<input checked="" type="checkbox"/>				NON-OWNED AUTOS	BODILY INJURY (Per accident)	\$		
							PROPERTY DAMAGE (PER ACCIDENT)	\$			
C	<input checked="" type="checkbox"/>	UMBRELLA LIAB	<input checked="" type="checkbox"/>	OCCUR	4013130700	01/27/2014	01/27/2015	EACH OCCURRENCE	\$ 20,000,000		
	<input type="checkbox"/>	EXCESS LIAB	<input type="checkbox"/>	CLAIMS-MADE				AGGREGATE	\$ 20,000,000		
	<input type="checkbox"/>	DED	<input checked="" type="checkbox"/>	RETENTION \$				10,000		\$	
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY										
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)		Y / N	4013130695 (O/S) 4013133824 (CA)	01/27/2014	01/27/2015	<input checked="" type="checkbox"/>	WC STATUTORY LIMITS	<input type="checkbox"/>	OTHER
		If yes, describe under DESCRIPTION OF OPERATIONS below	N	N / A				E.L. EACH ACCIDENT	\$ 1,000,000		
								E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000		
				E.L. DISEASE - POLICY LIMIT				\$ 1,000,000			
E	Pollution										
				CPV6917871115	11/12/2014	11/12/2015	Limit	10,000,000			
F	Professional Liab										
				425654027	01/27/2014	01/27/2015	Limit	5,000,000			

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 *Complete Certificate Holder Name: City of Louisville, Louisville/Jefferson County Metro Government, including its Mayor and Metro Council members as respects all operations of the Insured Franchisee.
 See attached wording.

CERTIFICATE HOLDER <p style="text-align: center;">CITYLO3</p> <p style="text-align: center;">City of Louisville* 601 W Jefferson Street Louisville, KY 40202</p>	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	--

NOTEPADINSURED'S NAME **ExteNet Systems, Inc.****EXTEN-3
OP ID: SF**PAGE 2
Date **11/24/2014**

The General Liability, Auto Liability and Umbrella policies include a blanket automatic additional insured endorsement that provides additional insured status to the certificate holder only when there is a written contract between the named insured & the certificate holder that requires such status.

The General Liability, Auto Liability, Umbrella, Workers Compensation, Pollution and Professional Liability policies include an endorsement providing that 30 days notice of cancellation [or coverage change] will be furnished to the certificate holder.

The General Liability policy contains a special endorsement with "Primary and Noncontributory wording.

The General Liability, Auto Liability, Workers Compensation policy include a blanket automatic waiver of subrogation endorsement that provides this feature only when there is a written contract between the named insured and the certificate holder that requires it.

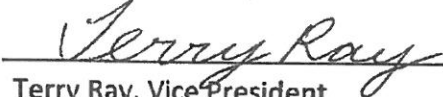
30 Day Notice of Cancellation. - Umbrella Coverage is Follow Form

Exhibit G



APPLICANT STATEMENT
(LMCO § 116.71(D)(1)(h)(6))

As Vice President and an Officer for ExteNet Systems, Inc., I submit this statement as part of ExteNet's application for a Communications Franchise from the Louisville-Jefferson County Metro Government ("Louisville Metro"). Pursuant to Section 116.71(D)(1)(h)(6) of the Louisville Metro Communication Services Franchise Ordinance (the "Ordinance"), I hereby state that ExteNet agrees to be bound by all the provisions of the Franchise and agrees to obtain all application permits and authorizations prior to constructing, installing or operating a system in the right-of-way.



Terry Ray, Vice President
ExteNet Systems, Inc.

Rec'd by [Signature]
7-31-15

LAW OFFICES OF
HODGE, SINGLER & RITSERT

209 OLD HARRODS CREEK ROAD

SUITE 100

LOUISVILLE, KENTUCKY 40223

(502) 245-0825

FAX (502) 245-0827

JAMES G. HODGE, SR.
JOHN P. SINGLER
CARRIE D. RITSERT

Hodgejg@bellsouth.net
Singlerj@bellsouth.net
Ritsertc@bellsouth.net

July 27, 2015

Robin Faulkner
Metro Department of Public Works
444 S. 5th Street
Suite 400
Louisville, KY 40202

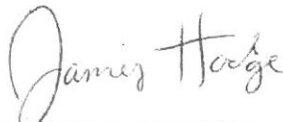
RE: Extenet Systems

Dear Ms. Faulkner,

Enclosed are revised node drawings for the Extenet Systems franchise application. These revisions are to replace the previously submitted drawings. The network routes 1 and 2, on pages 12 and 32 of the original application will remain the same. If you have an questions about any of the changes please feel free to contact me.

As always I remain,

Very truly yours,



JAMES G. HODGE
JGH/TS

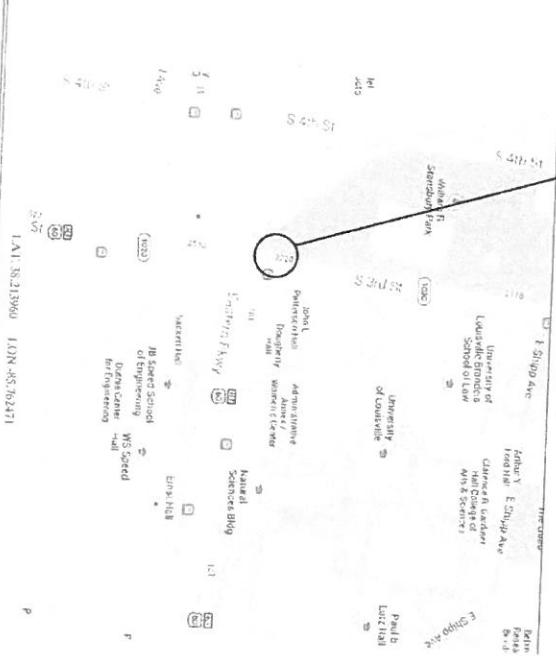
FOR ZONING PURPOSES ONLY

PDF MADE: JULY 24, 2015

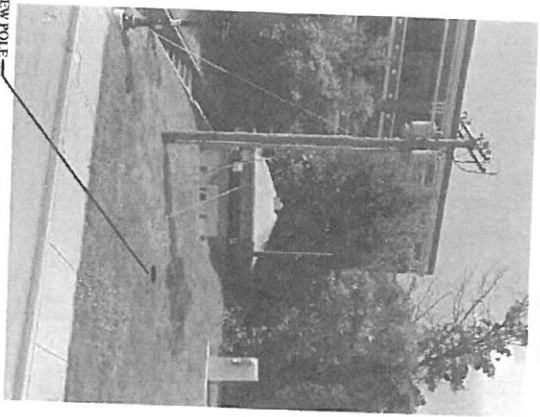


**FIBER OPTIC NODE INSTALLATION
ONTO NEW EXTENET POLE
NODE LOUXT-01 - CITY OF LOUISVILLE, KY
WEST SIDE of S. 3rd STREET
AT END of EASTERN PKWY.
(APPROX. 2228 S. 3rd STREET)**

SITE LOCATION MAP



SITE LOCATION PHOTO

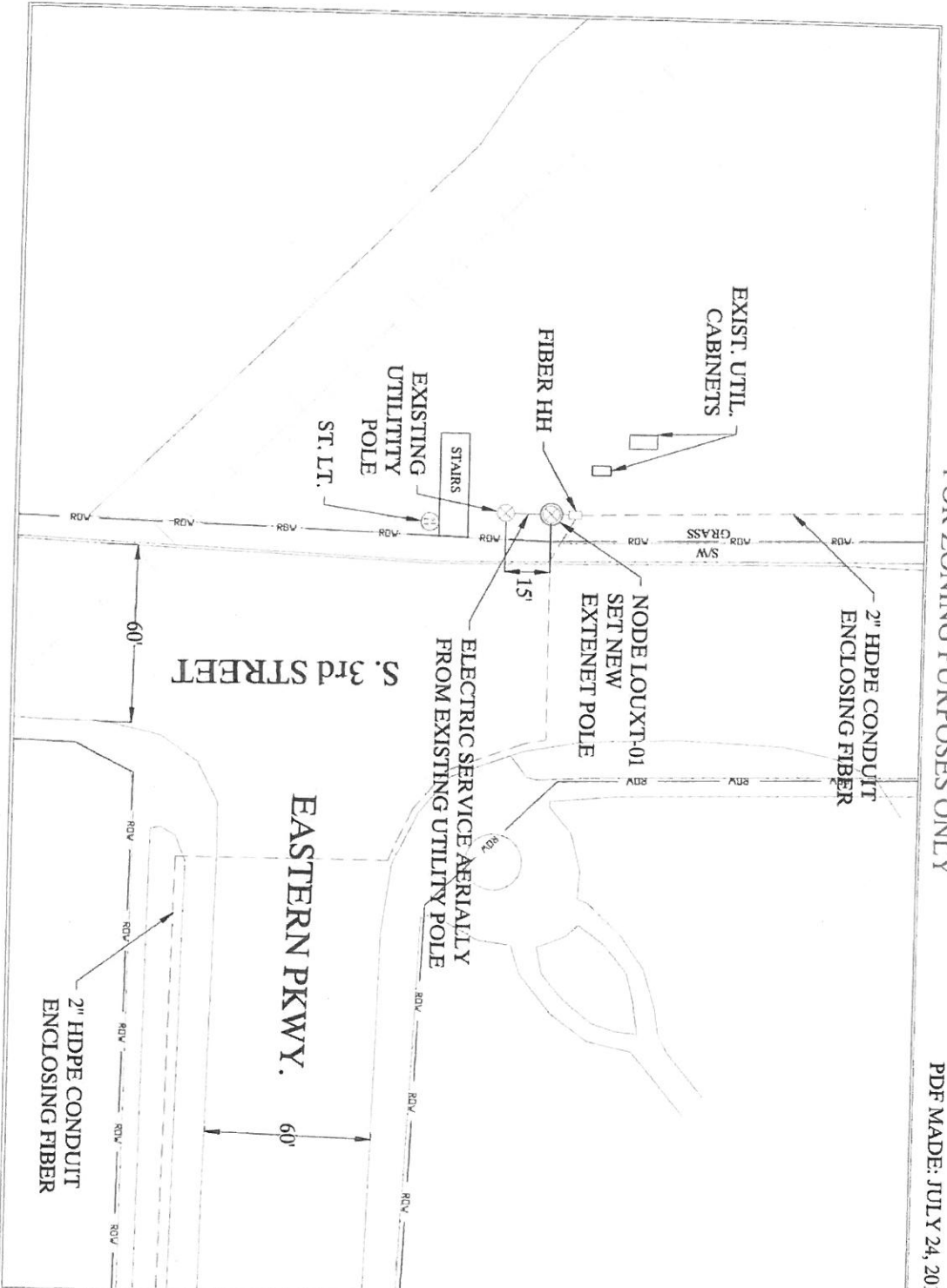


APPROX. LOCATION OF NEW POLE

Project # EXTKY14000	
TOWN/ADMINISTRATOR	
2000 W. Main Street Louisville, KY 40203 Phone: (502) 499-2600 Fax: (502) 499-2608	
Original Issue Date: 07/17/14	Issue of Amendment Date: 07/23/15
DESCRIPTION:	
CONTRACTOR:	
4000 South Main Street Shelbyville, KY 40381 Phone: (502) 499-2600 Fax: (502) 499-2608	
DATE:	
NODE LOUXT-01 FIBER OPTIC NODE INSTALLATION ONTO NEW EXTENET POLE LOUISVILLE, KY	
Item #	Description
1	12'x24' RUSTIC CANTONMENT CAB
2	12'x12' PORTAL CHAMBER S
3	30'x30' PERC. PAVEMENT CEMENT-10
4	
5	
6	
7	
8	
Drawing 10 GADHS	Revision NTS
Sheet: 1 of 3	

FOR ZONING PURPOSES ONLY

PDF MADE: JULY 24, 2015



Project #
EXTKY14000

OWNER: DE VILLIERS

extenet NETWORK SYSTEMS
 500 Westville Road
 Suite 204, Lake IL, IL 60051

Original Issue Date: 07/17/14
 Last Revision Date: 07/22/15

Cable's COMMUNICATIONS
 401 North 600 Street
 Nashville, TN 37203
 Phone: (615) 496-2000
 Fax: (615) 496-2001

Cable's COMMUNICATIONS
 401 North 600 Street
 Nashville, TN 37203
 Phone: (615) 496-2000
 Fax: (615) 496-2001

Node: **LOUXT-01**
 FIBER OPTIC NODE
 INSTALLATION ONTO
 NEW EXISTING POLE
 LOUISVILLE, KY

Rev	Date	Description	By
1	11/05/14	ADD TO EXISTING POLE	JO
2	11/02/14	INSTALL ONTO EXISTING POLE	JO
3	10/24/15	P.O.C. DESIGN CHANGE	JO
4			
5			
6			
7			
8			
9			
10			

Drawn: **2 of 3**

NEW EXTENET POLE (CL 3-45) W/ NODE EQUIPMENT

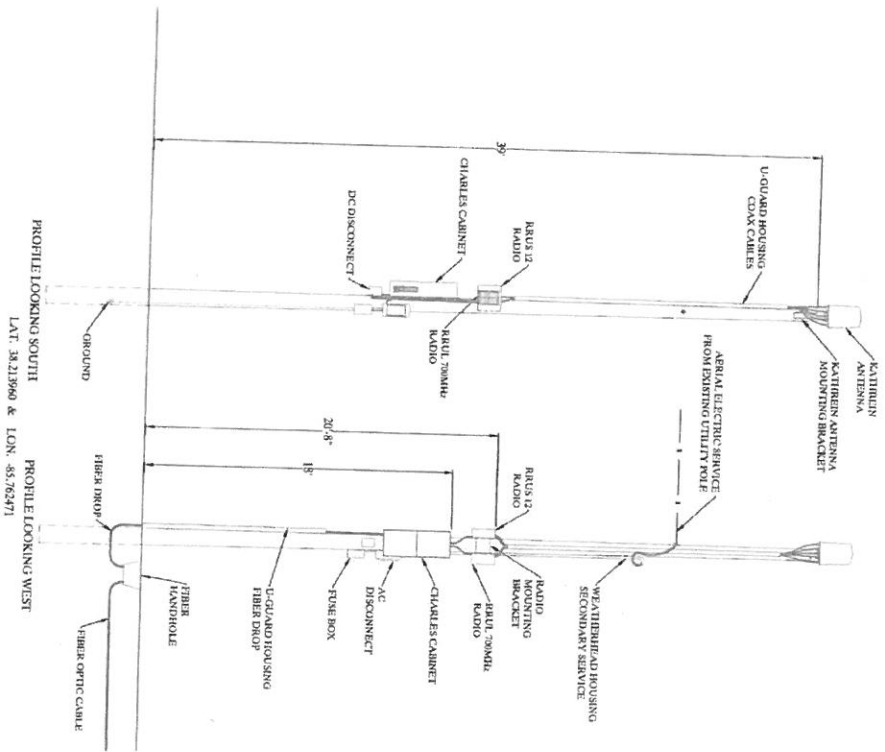


Figure 2
EXTRETY14000
FINISH IN WHITE POLE

extenet™
400 North 10th Street
Millsboro, DE 19966
Phone: (302) 481-2000
Fax: (302) 481-2001

Cable's
400 North 10th Street
Millsboro, DE 19966
Phone: (302) 481-2000
Fax: (302) 481-2001

Cable's
400 North 10th Street
Millsboro, DE 19966
Phone: (302) 481-2000
Fax: (302) 481-2001

NODE LOUXT-01
FIBER OPTIC NODE
INSTALLATION ON
NEW EXTENET POLE
TOWNSHIP, E. KY

Rev.	Date	Description	By
1	11/05/14	INSTALLATION ON NEW EXTENET POLE	JD
2	11/07/14	REVISED TO ADD CHARLES CABINET	JD
3	02/23/15	REVISED TO ADD SECONDARY SERVICE	JD
4			
5			
6			
7			
8			

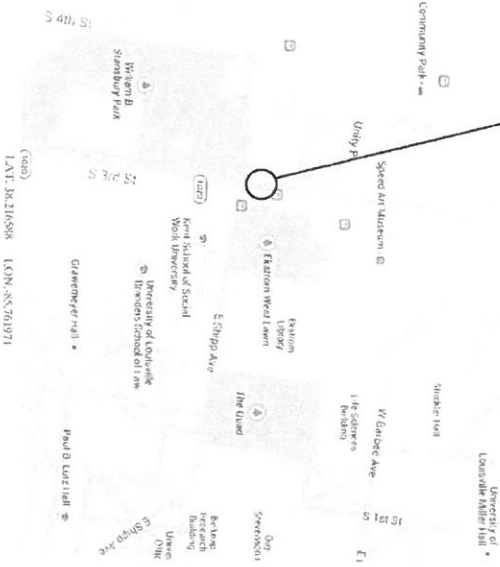
Drawn: **JD**
Checked: **JD**
Scale: 1" = 6'



FIBER OPTIC NODE INSTALLATION
 ONTO NEW EXTENET POLE
 NODE LOUXT-02 - CITY of LOUISVILLE, KY
 WEST SIDE of S. 3rd STREET
 ACROSS FROM EKSTROM WEST LAWN

NODE LOUXT-02

SITE LOCATION MAP



SITE LOCATION PHOTO



APPROX. LOCATION OF NEW POLE



Project #
EXTKY14000

OWNER'S REPRESENTATIVE



3000 Waverly Road
 Suite 100, Lombard, IL 60148

Original Issue Date: 07/20/14
 Label Revision Number: 07/23/15

LABORER, I.E.



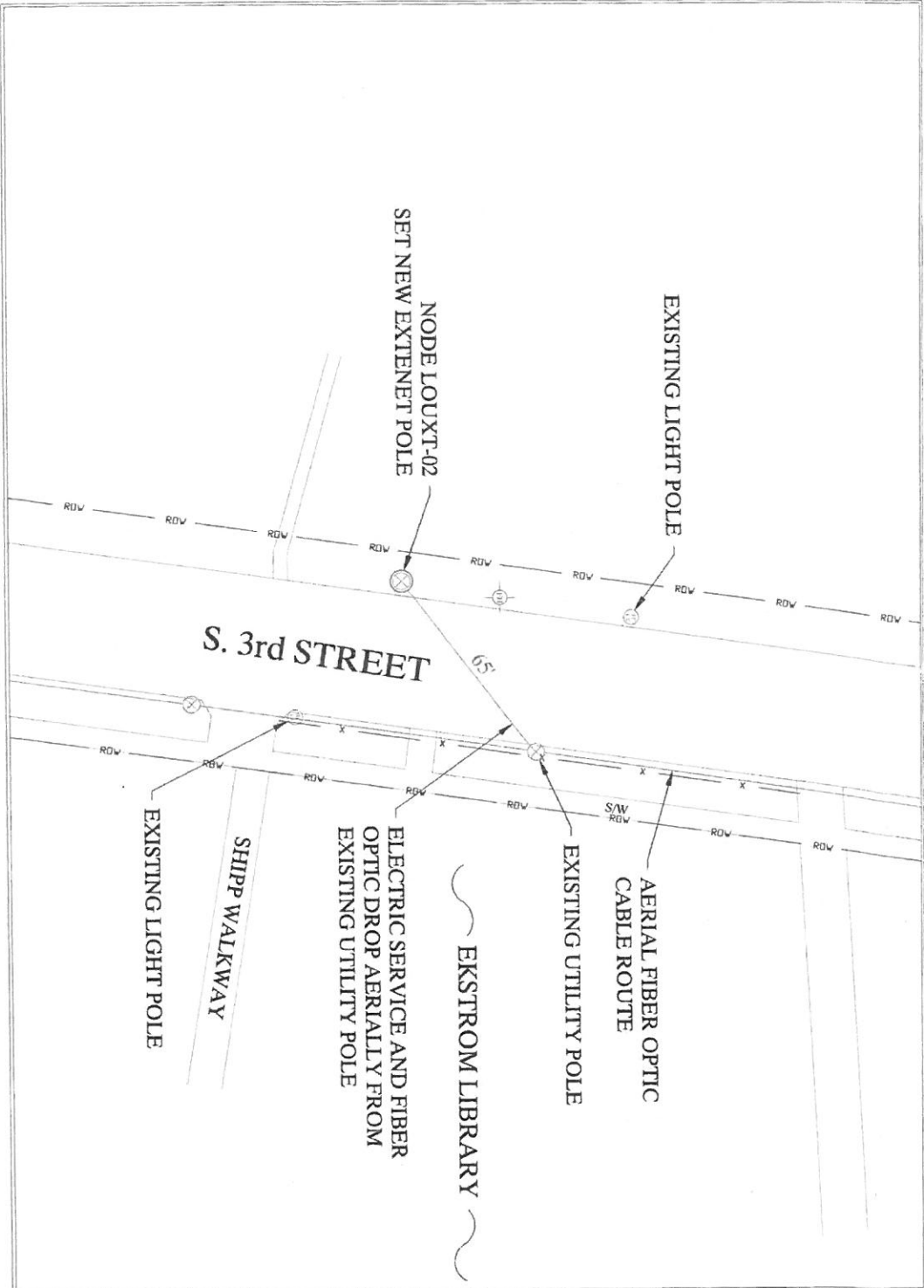
CONTRACTOR



Node: **NODE LOUXT-02**
 FIBER OPTIC NODE
 NEW EXENET POLE
 LOUISVILLE, KY

Seq	Date	Description	By
1	07/23/15	LOG DESIGN, CLARKE	TC
2			
3			
4			
5			
6			
7			
8			

Drawn By	Checked By	Approved By
JO	MTS	



Project #
EXTKY14000

CONTRACT NUMBER:



Original Issue Date: 07/20/14

Latest Revision Date: 07/23/15

INSURER:



4001 North Dixie Street
Shelbyville, KY 40461
Phone: (502) 459-2000
Fax: (502) 459-2000

CONTRACTOR:



4001 North Dixie Street
Shelbyville, KY 40461
Phone: (502) 459-2000
Fax: (502) 459-2000

DATE: **NODE LOUXT-02**

1 FIBER OPTIC NODE
INSTALLATION ON/O
N/W EXTENET, KY
LOUISVILLE, KY

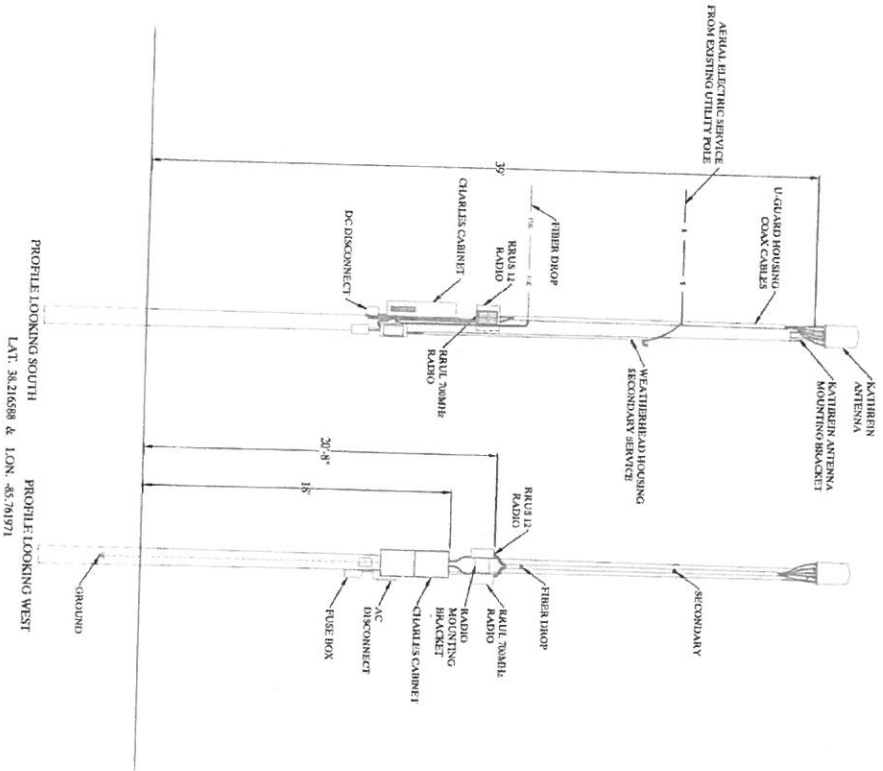
Item	Description	Unit
1	1 FIBER OPTIC NODE INSTALLATION ON/O N/W EXTENET, KY	NO
2	1 FIBER OPTIC NODE INSTALLATION ON/O N/W EXTENET, KY	NO
3	1 FIBER OPTIC NODE INSTALLATION ON/O N/W EXTENET, KY	NO
4	1 FIBER OPTIC NODE INSTALLATION ON/O N/W EXTENET, KY	NO
5	1 FIBER OPTIC NODE INSTALLATION ON/O N/W EXTENET, KY	NO
6	1 FIBER OPTIC NODE INSTALLATION ON/O N/W EXTENET, KY	NO
7	1 FIBER OPTIC NODE INSTALLATION ON/O N/W EXTENET, KY	NO
8	1 FIBER OPTIC NODE INSTALLATION ON/O N/W EXTENET, KY	NO

Prepared by: **GAMERS**

Date: **7/23/15**

Sheet: **2 of 3**

NEW EXTENET POLE (CL 3-45) W/ NODE EQUIPMENT



Project #
EXTKY14000

OWNER: BENTLEY, INC.



Original Issue Date: 07/2014
Last Revision Date: 07/2015



NODE LOUXT-02
FIBER OPTIC NODE
INSTALLATION ONTO
NEW EXTENET POLE
LOUISVILLE, KY

No.	Date	Description	By
1	1/16/14	ADDED/COMPLETED	JOB
2	1/16/14	REVISED/COMPLETED	JOB
3	07/21/15	REVISED/COMPLETED	JOB
4			
5			
6			
7			
8			

Drawn By: J. GARDNER
Checked By: J. GARDNER
Scale: 1" = 6'

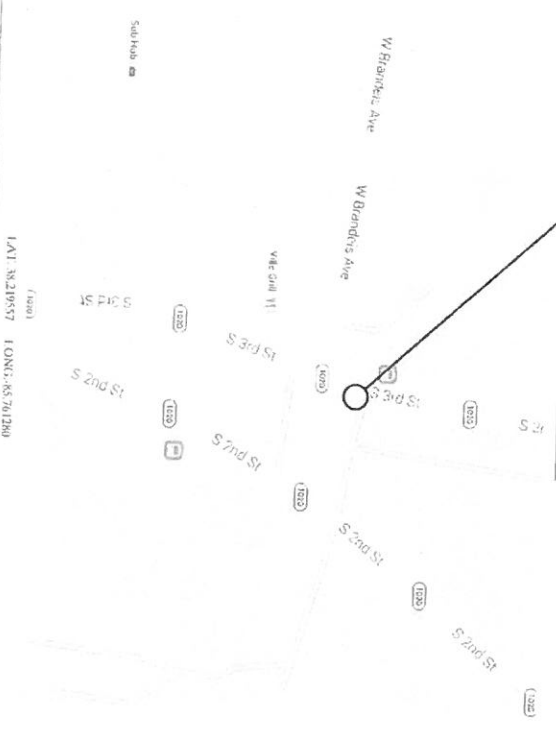
FOR ZONING PURPOSES ONLY

PDF MADE: JULY 24, 2015



**FIBER OPTIC NODE INSTALLATION
ONTO NEW EXTENET POLE
NODE LOUXT-03 - CITY OF LOUISVILLE, KY
EAST SIDE OF S. 3rd STREET,
NORTH OF W. BRANDEIS AVE.
APPROX. 2301 S. 3rd STREET**

SITE LOCATION MAP



SITE LOCATION PHOTO



APPROX. LOCATION OF NEW POLE



Project #
EXTKY14000

EXTENET NETWORK

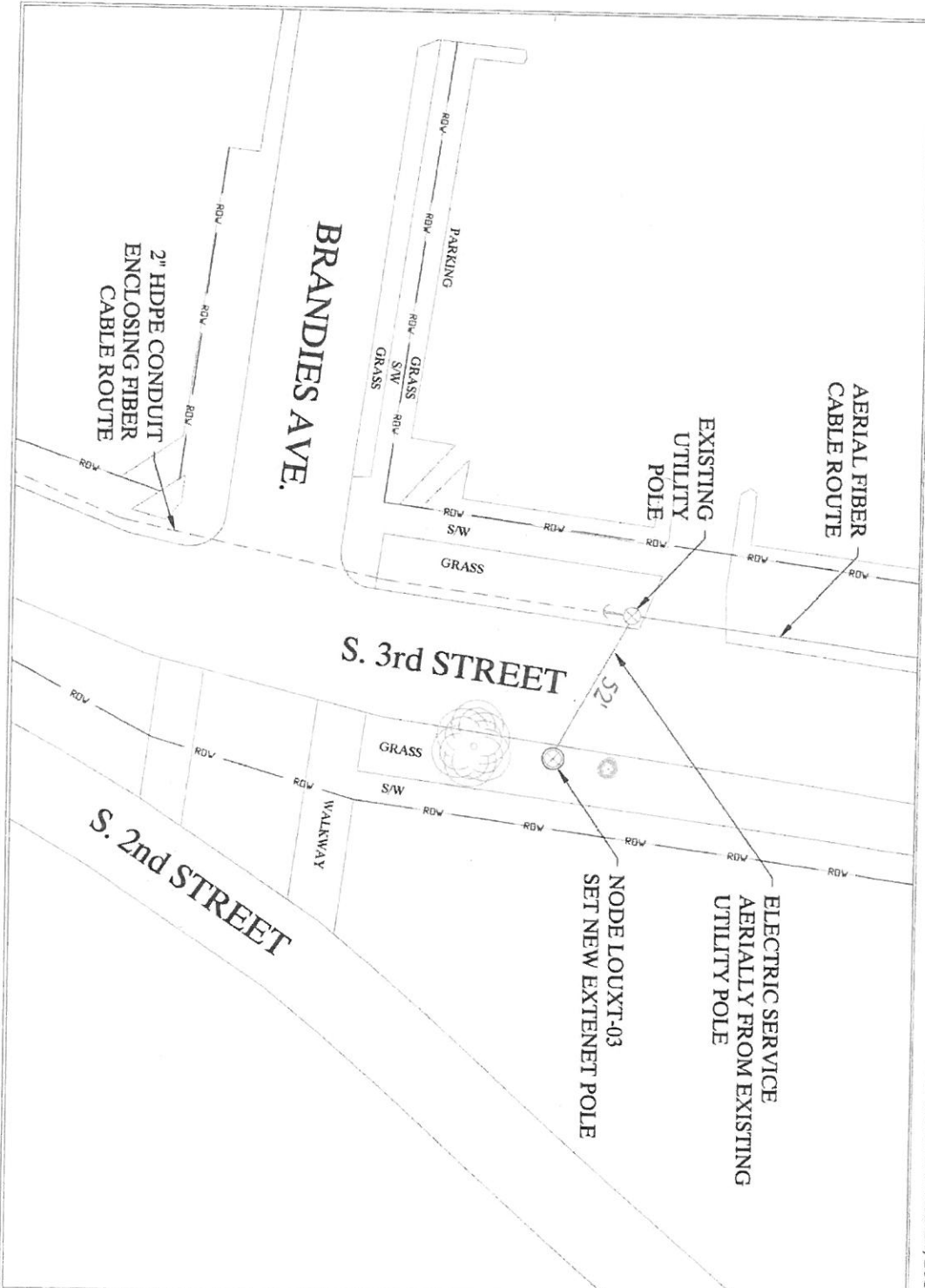
extenet SM
YOUR NETWORK,
EVERYWHERE.
3000 Wetzelville Road
Suite 240, Lake, IL 60051

Original Issue Date: 08/13/14
Latest Revision Date: 07/24/15
1:50:00 PM



NODE LOUXT-03
FIBER OPTIC NODE
INSTALLATION ONTO
NEW UTILITY POLE
LOUISVILLE, KY

Rev#	Date	Description	By
1	12/11/14	ADDED LEADERSHIP	JO
2	12/11/14	ADDED LEADERSHIP	JO
3	12/11/14	ADDED LEADERSHIP	JO
4	12/11/14	ADDED LEADERSHIP	JO
5	12/11/14	ADDED LEADERSHIP	JO
6	12/11/14	ADDED LEADERSHIP	JO
7	12/11/14	ADDED LEADERSHIP	JO
8	12/11/14	ADDED LEADERSHIP	JO



Project #
EXTKY14000

COMPONENTS:
extenet 3rd
3000 Warehouse Road
3000 Hwy. 100, Union, IL 60083

Original Issue Date: 08/13/14
Latest Revision Date: 07/24/15



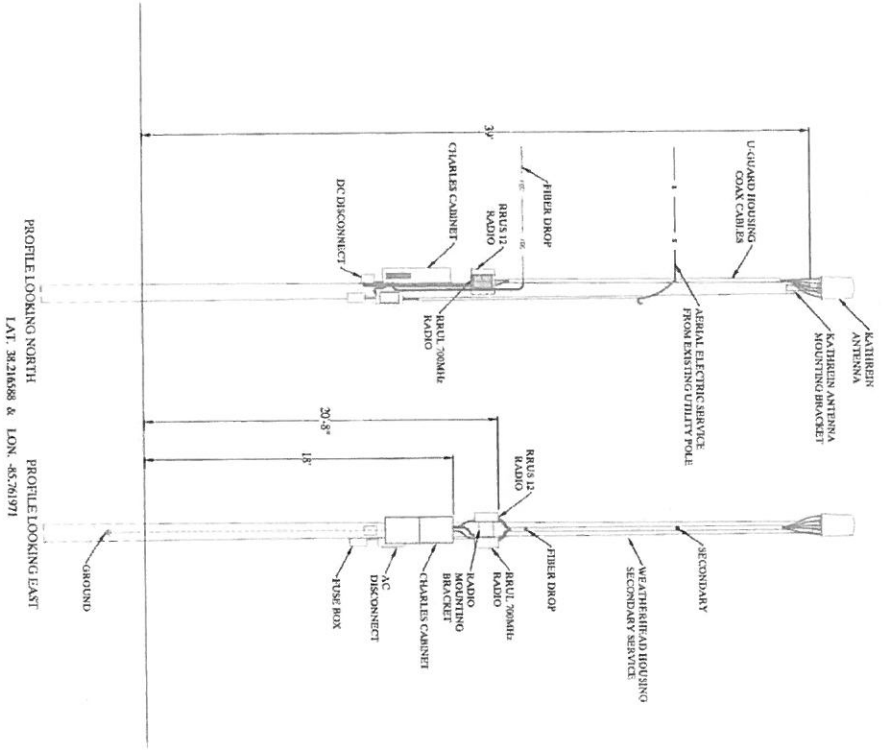
NOTE:
NODE LOUXT-03
FIBER OPTIC NODE
INSTALLATION ON/OFF
NEW EXTENET POLE
LOUISVILLE, KY

Rev.	Date	Description
1	1/16/14	ADDITIONAL CHANGES
2	1/16/14	ADDITIONAL CHANGES
3	07/24/15	REVISED CHANGES
4		
5		
6		
7		
8		

Author: GABHES
Check: GABHES
Scale: 1" = 50'

Sheet: **2 of 3**

NEW EXTENET POLE (CL. 3-45') W/ NODE EQUIPMENT



PROFILE LOOKING NORTH
LAT. 38.21888 & LON. -85.761971

PROFILE LOOKING EAST



Project #:
EXTKY14000

UNIVERSITYVILLE
extenet THE
FIBER NETWORK
5887 DAVIS
3000 University Blvd
Shelbyville, KY 40381
Phone: (502) 639-2800
Fax: (502) 639-2801

Original Issue Date: 08/13/14
Last Revision Date: 07/24/15
REVISIONS:

Chabeis
COMMUNICATIONS
4001 North 40th Street
Shelbyville, KY 40381
Phone: (502) 649-2800
Fax: (502) 649-2801

Chabeis
COMMUNICATIONS
4001 North 40th Street
Shelbyville, KY 40381
Phone: (502) 649-2800
Fax: (502) 649-2801

TITLE:
NODE LOUXT-03
FIBER OPTIC NODE
INSTALLATION ON TO
NEW EXTENET POLE
LOUISVILLE, KY

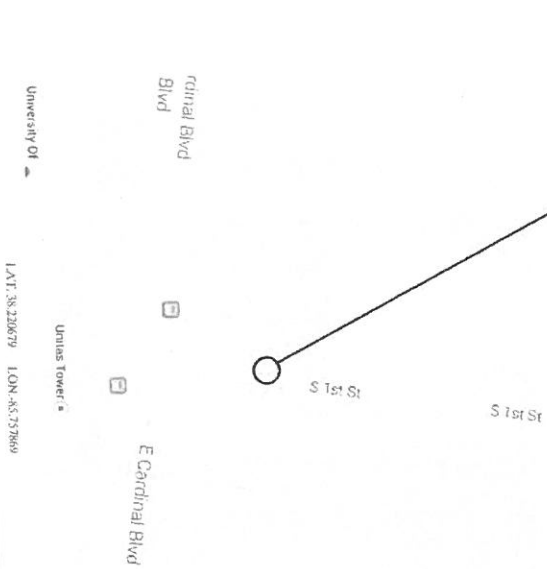
Rev.	Date	Description	By
1		ISSUE FOR INSTALLATION ON TO NEW EXTENET POLE	NO
2		ISSUE FOR FINAL CHANGES	NO
3		ISSUE FOR ELECTRICAL CHANGES	NO
4			
5			
6			
7			
8			
9			
10			

Checked by: **CHABLES**
Scale: 1" = 6'
Name: **CHABLES**
Sheet: **3 of 3**

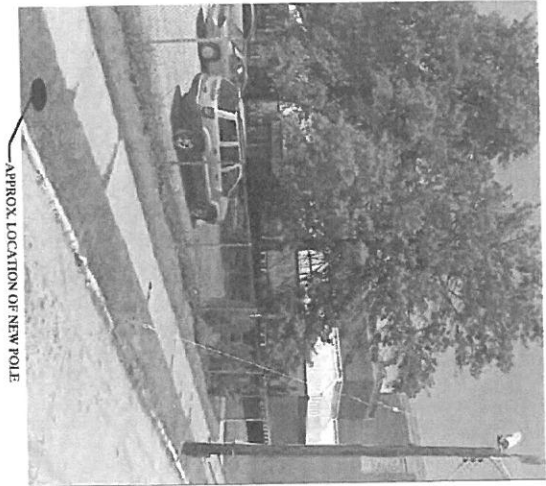


**FIBER OPTIC NODE INSTALLATION
 ONTO NEW EXTENET POLE
 NODE LOUXT-04 - CITY OF LOUISVILLE, KY
 WEST SIDE OF S. 1st STREET
 139' NORTH OF CARDINAL BLVD.
 (APPROX. 8 S. 1st STREET)**

SITE LOCATION MAP



SITE LOCATION PHOTO



Invoice #
EXTKY14000

OPERATOR: VELOCITY E.

extenet SM
 YOUR NETWORK,
 EVERYWHERE.
 308 Waveride Road
 Suite 301, Louisville, KY 40212

Original Issue Date: 08/11/14

Latest Revised Date: 07/24/15

FRANCHISE:



4801 North 40th Street
 Louisville, KY 40212
 Phone: (502) 456-2600
 Fax: (502) 456-2600

CONTRIBUTOR:

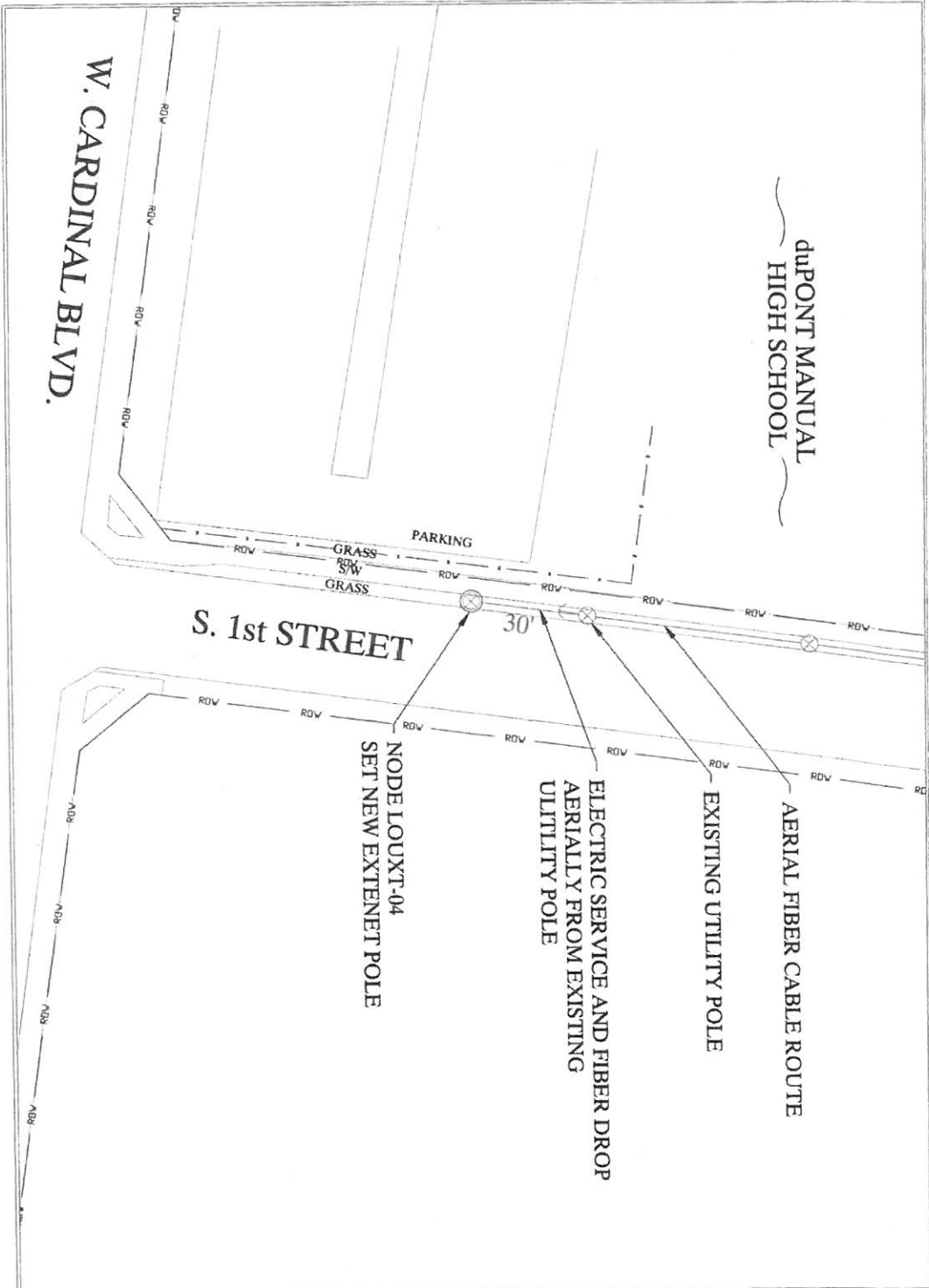


4801 North 40th Street
 Louisville, KY 40212
 Phone: (502) 456-2600
 Fax: (502) 456-2600

NODE LOUXT-04
 FIBER OPTIC NODE
 INSTALLATION ONTO
 NEW EXTENET POLE
 LOUISVILLE, KY

Rev#	Date	Description	By
1		INSTALL ANDROID CROWD FUEL ID	JO
2		INSTALL DEE FUEL CHANGES	JO
3		INSTALL POC THESMAN CROWD ID	JO
4			
5			
6			
7			
8			
9			
10			

Drawn By: **JO**
 Checked By: **GABBS**
 Date: **07/24/15**
 Scale: **N.T.S.**



PROJECT #
EXTKY14000

OWNER/INSTALLER

extenei NETWORK SYSTEMS OVERSEAS
 5000 Wrentham Road
 9th Fl. Suite 900
 Chicago, IL 60611

Original Issue Date: 08.13.14
 Issue Between Issue: 07.24.15

ENGINEER:

Gabeis
 4001 North 40th Street
 Indianapolis, IN 46218
 FAX: (765) 836-2600

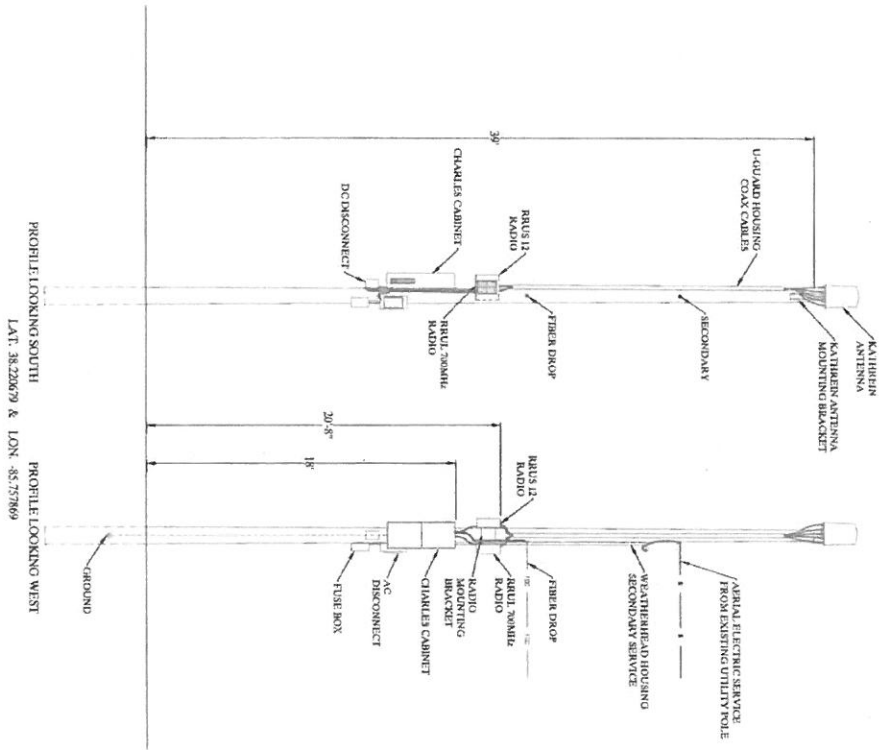
Gabeis
 4001 North 40th Street
 Indianapolis, IN 46218
 FAX: (765) 836-2600

NOTE:
 1. FIBER OPTIC NODE INSTALLATION ONTO NEW EXTENET POLE. LOUISVILLE, KY

Rev.	Date	Description	By
1		ISSUE TO ARCHITECT FOR CONSTRUCTION	NO
2		ISSUE TO ELECTRICAL CONTRACTOR	NO
3		ISSUE TO ELECTRICAL CONTRACTOR	NO
4			
5			
6			
7			
8			

Issue Date: 07/24/15
 Scale: 1" = 30'

NEW EXTENET POLE (CL 3-45) W/ NODE EQUIPMENT



Project #:
EXTKY14000

OWNER: DOW ELECTRIC



2009 Waverly Road
Burr Oak, TN, TN 38022

Original Issue Date: 08/13/14
Last Revision Date: 07/24/15



4001 South 90th Street
Tomball, TX 77375
Phone: (281) 435-8600
Fax: (281) 435-2804

CONTRACTOR:



4001 South 90th Street
Tomball, TX 77375
Phone: (281) 435-8600
Fax: (281) 435-2804

FILE:
NODE LOUXT-04
FIBER OPTIC NODE
INSTALLATION ONTO
NEW EXTENET POLE
LOUISVILLE, KY

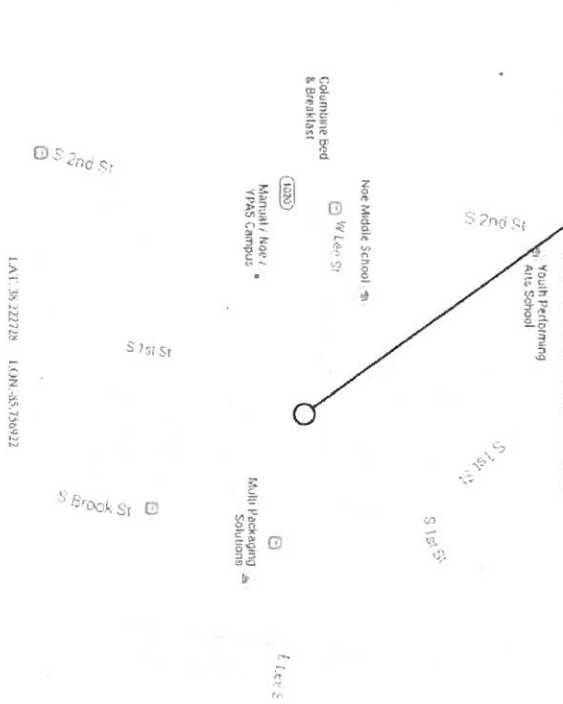
Asset Desc	Investment	Qty
1 1005 14 RADIUS 12 HOUSING CAB. 140		10
2 1107 11 1P FIBER CLOSURE S		10
3 0124 14 1P CLOSURE STANCH. 140		10
4		
5		
6		
7		
8		

Drawn by: T. GAMES
Checked by: J. GAMES
Scale: 1" = 6'



FIBER OPTIC NODE INSTALLATION
 ONTO NEW EXTENET POLE
 NODE LOUXT-05 - CITY of LOUISVILLE, KY
 SOUTH SIDE of E. LEE STREET
 WEST of S. BROOK STREET
 (APPROX. 130 E. LEE STREET)

SITE LOCATION MAP



LAT: 39.222728 LONG: -85.758922

SITE LOCATION PHOTO



APPROX. LOCATION OF NEW POLE



Project #
EXTKY14000



Original Issue Date: 08/11/14
 Next Review Date: 07/24/15



TABLE
 NODE LOUXT-05
 FIBER OPTIC NODE
 INSTALLATION ONTO
 NEW EXTENET POLE
 LOUISVILLE, KY

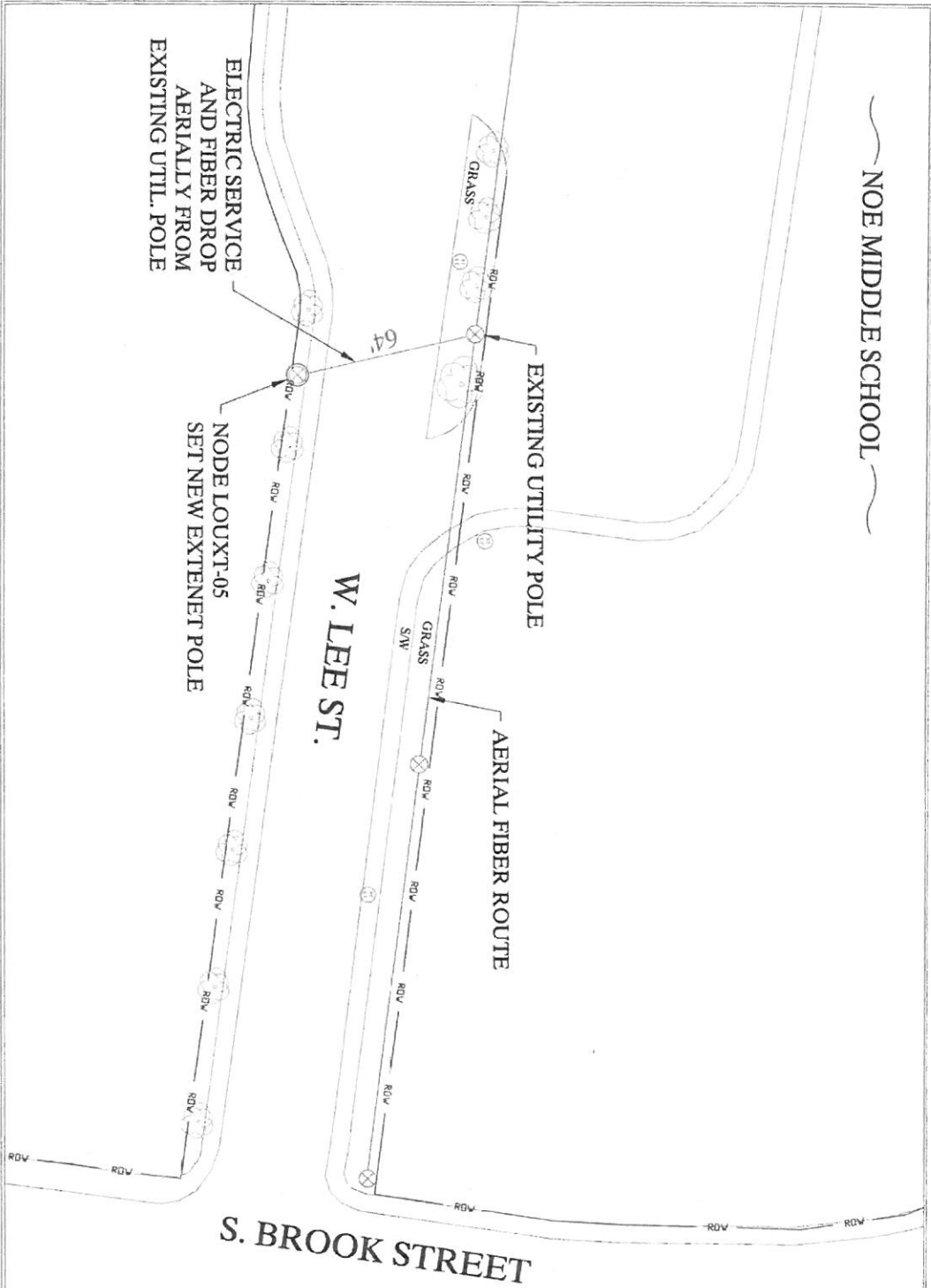
Item	Item	Description	Qty
1	1000014	RAILROAD OVERCROSSING	10
2	1000014	RAILROAD OVERCROSSING	10
3	1000014	RAILROAD OVERCROSSING	10
4	1000014	RAILROAD OVERCROSSING	10
5	1000014	RAILROAD OVERCROSSING	10
6	1000014	RAILROAD OVERCROSSING	10
7	1000014	RAILROAD OVERCROSSING	10
8	1000014	RAILROAD OVERCROSSING	10

Drawn By: JO GAMBIS
 Scale: N.T.S.

FOR ZONING PURPOSES ONLY

PDF MADE: JULY 24, 2015

NOE MIDDLE SCHOOL



Project #
EXTKY14000

OWNER: RICHVILLER, B.

exteneer NETWORK SYSTEMS
3009 Wrenville Road
Suite 202, Clark, IL 60012

Project Issue Date: 08.13.14
Issue Revision Date: 07.24.15



4005 N. OAK ST. SUITE 100
CHICAGO, IL 60630
Phone: (773) 435-2600
Fax: (773) 435-2608



4005 N. OAK ST. SUITE 100
CHICAGO, IL 60630
Phone: (773) 435-2600
Fax: (773) 435-2608

TABLE
NODE LOUXT-05
FIBER OPTIC NODE
INSTALLATION ONTO
NEW EXTENET POLE
LOUISVILLE, KY

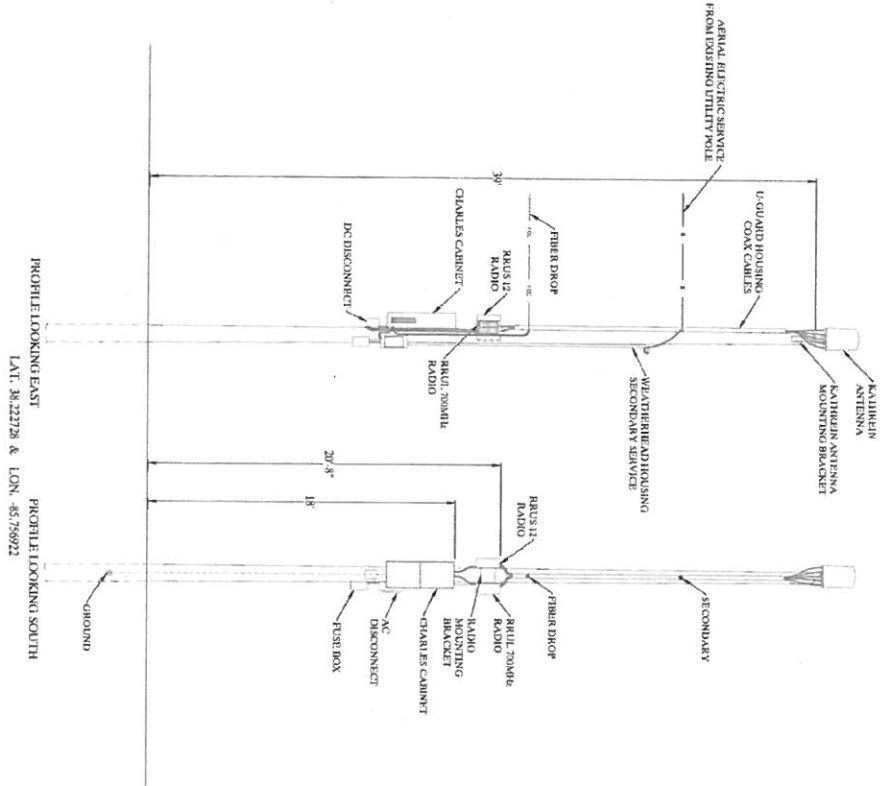
Rev.	Date	Description	By
1	1/10/14	ADD 20 CONDUITS FOR	JD
2	1/10/14	FOR THE NEW FIBER	JD
3	1/10/14	INSTALLATION ONTO	JD
1			
2			

Design	Checked	Approved
JD	GMH/S	
Scale:	1" = 30'	

FOR ZONING PURPOSES ONLY

PDF MADE: JULY 24, 2015

NEW EXTENET POLE (CL 3-45') W/ NODE EQUIPMENT



Project #
EXTKY14000

OWNER: BOB WILSHIRE



extenet
FOR NETWORK
SYSTEMS
OVER RURAL

400 Weather Road
Suite 304, Leno, IL 60511

Original Issue Date: 08/13/14
Latest Revision Date: 07/24/15



Cable
COMMUNICATIONS

1600 North 4025 Street
Sarasota, WI 39083
TEL: (941) 499-2000
FAX: (941) 499-2000

TYPE: **NODE LOUXT-05**
FIBER OPTIC NODE
INSTALLATION ON TO
NEW EXTENET TOLL
LOUISVILLE, KY

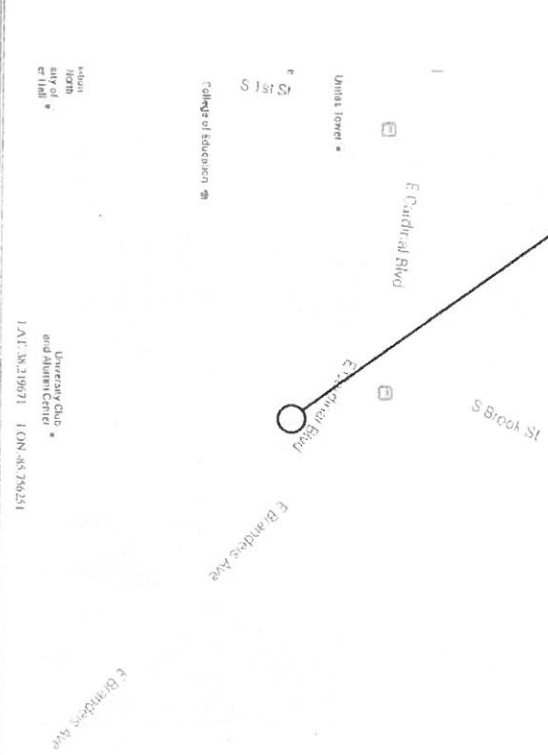
Item	Item	Description	Qty
1	ITEMS AND THE FOLLOWING CALL	10	
2	ITEMS AND THE FOLLOWING CALL	10	
3	ITEMS AND THE FOLLOWING CALL	10	
4	ITEMS AND THE FOLLOWING CALL	10	
5	ITEMS AND THE FOLLOWING CALL	10	
6	ITEMS AND THE FOLLOWING CALL	10	
7	ITEMS AND THE FOLLOWING CALL	10	
8	ITEMS AND THE FOLLOWING CALL	10	

Scale: 1" = 6'

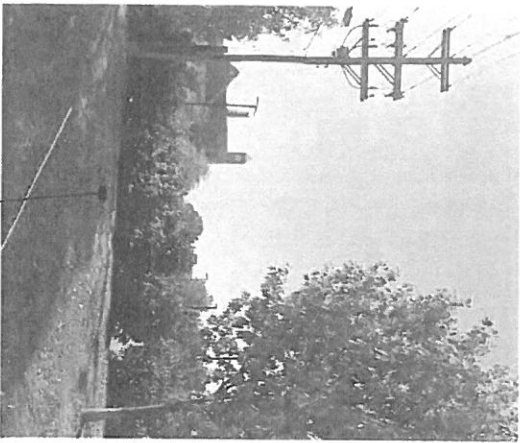


FIBER OPTIC NODE INSTALLATION
 ONTO NEW EXTENET POLE
 NODE LOUXT-06 - CITY OF LOUISVILLE, KY
 SOUTH SIDE OF E. BRANDEIS AVE.
 EAST OF S. BROOK ST.
 (APPROX. 201 E. CARDINAL BLVD.)

SITE LOCATION MAP



SITE LOCATION PHOTO



APPROX. LOCATION OF NEW POLE



PROJECT #
EXTKY14000

OWNER: FIBER FUTURE



505 W. WILSON ROAD
 SUITE 104, LEXINGTON, KY 40503

Original Issue Date: 08/13/14
 Latest Revision Date: 07/24/15



400 North 40th Street
 Sheboygan, WI 53083
 Tel: (920) 459-2000
 Fax: (920) 459-2000

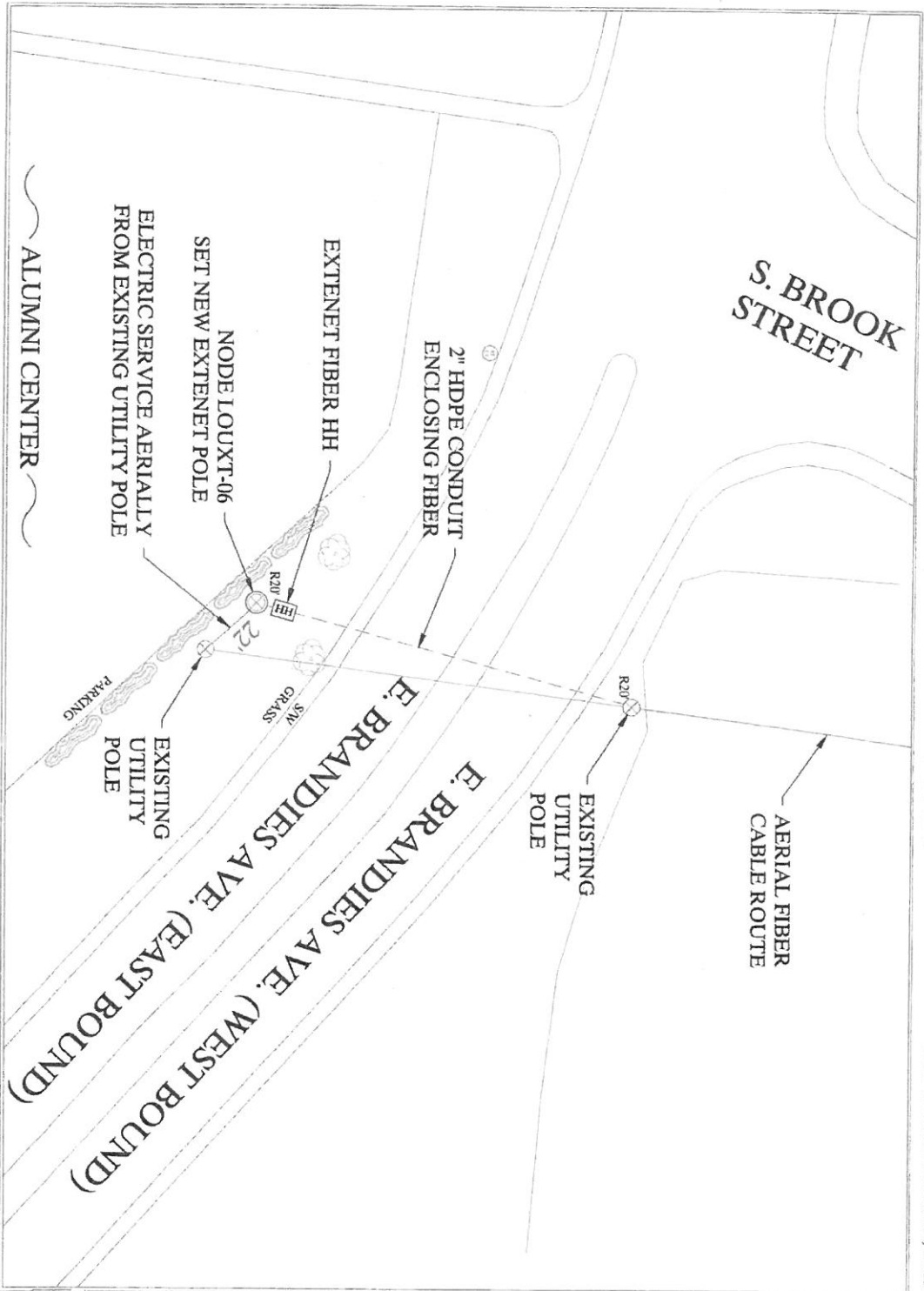


400 North 40th Street
 Sheboygan, WI 53083
 Tel: (920) 459-2000
 Fax: (920) 459-2000

DATE: 07/24/15
 TITLE: FIBER OPTIC NODE INSTALLATION ONTO NEW EXTENET POLE, LOUISVILLE, KY

Rev.	Date	Description	By
1	08/13/14	HOME & HONEY CONSULTING, INC.	MS
2	07/24/15	UPDATE PERICAL CHANGE 3	MS
3	07/24/15	PERICAL FOR THE BRANDEIS AVE	MS
4	07/24/15		
5	07/24/15		
6	07/24/15		
7	07/24/15		
8	07/24/15		

Drawn by: GADHIS
 Scale: NTS
 Sheet: 1 of 3



Project #
EXTKY14000

EMERSON VALLEY, VA

extenei
 1000 W. FRODOA
 AVENUE
 SUITE 300, LEXINGTON, VA 21980
 FAX: (703) 499-2000

Contract Date: 08.13.14

Label Release Date: 07.24.15

15389726



400 North 40th Street
 Chesapeake, VA 23040
 Phone: (757) 414-2000
 FAX: (757) 414-2001

CONTRACTOR



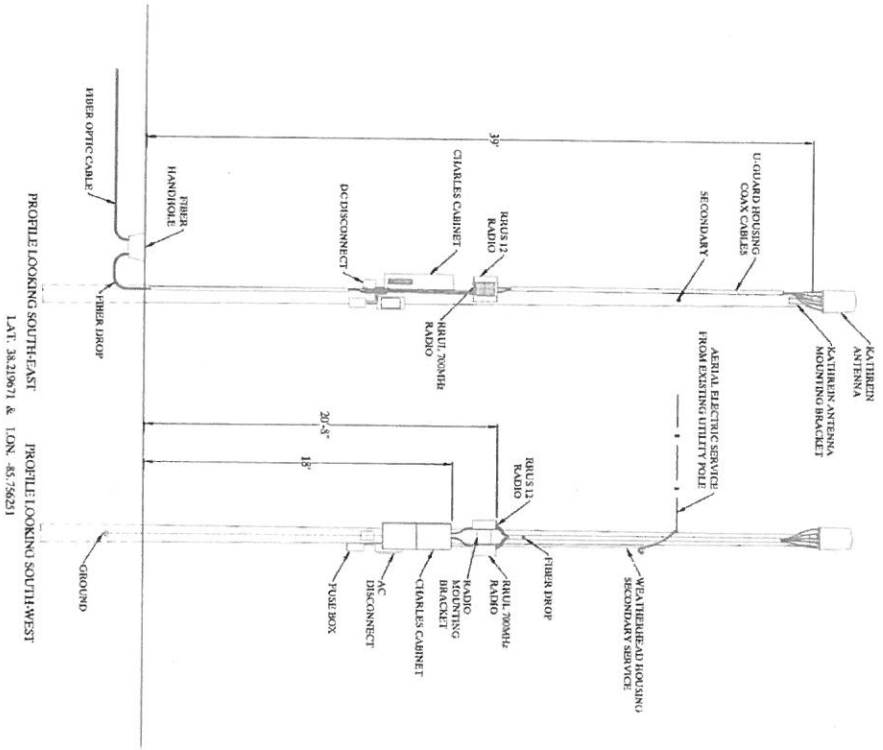
400 North 40th Street
 Chesapeake, VA 23040
 Phone: (757) 414-2000
 FAX: (757) 414-2001

NODE LOUXT-06
 FIBER OPTIC NODE
 INSTALLATION ONTO
 NEW EXTENET POLE
 LOUISVILLE, KY

Item	Qty	Description	Unit
1	1	1 FIBER OPTIC NODE	NO
2	1	1 2" HDPE CONDUIT	FT
3	1	1 2" HDPE EXTENET POLE	NO
4	1	1 2" HDPE EXTENET POLE	NO
5	1	1 2" HDPE EXTENET POLE	NO
6	1	1 2" HDPE EXTENET POLE	NO
7	1	1 2" HDPE EXTENET POLE	NO
8	1	1 2" HDPE EXTENET POLE	NO
9	1	1 2" HDPE EXTENET POLE	NO
10	1	1 2" HDPE EXTENET POLE	NO

Scale: 1" = 30'

NEW EXTENET POLE (CL 3-45) W/ NODE EQUIPMENT



PROFILE LOOKING SOUTHEAST
LAT: 38.219071 & LON: -85.756251
PROFILE LOOKING SOUTHWEST

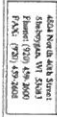


Project #
EXTKY14000

OWNER: BIVILL OFFICE



Installation Date: 08/13/14
Last Approval Date: 07/24/15



Node:
NODE LOUXT-06

FIBER OPTIC NODE
INSTALLATION ONTO
NEW EXTENET POLE
LOUISVILLE, KY

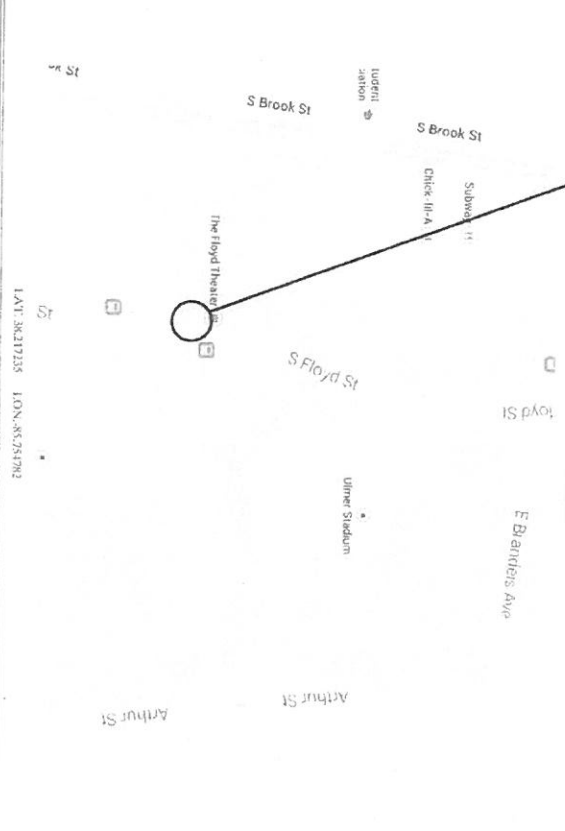
Part #	Part Name	Description	Qty
1	RRUS I1	RRUS I1 RADIO	1
2	RRUS I2	RRUS I2 RADIO	1
3	CHARLES	CHARLES CABINET	1
4	DC DISCONNECT	DC DISCONNECT	1
5	FIBER HANDHOLE	FIBER HANDHOLE	1
6	FIBER OPTIC CABLE	FIBER OPTIC CABLE	1

Scale: 1" = 6'
Sheet: 3 of 3



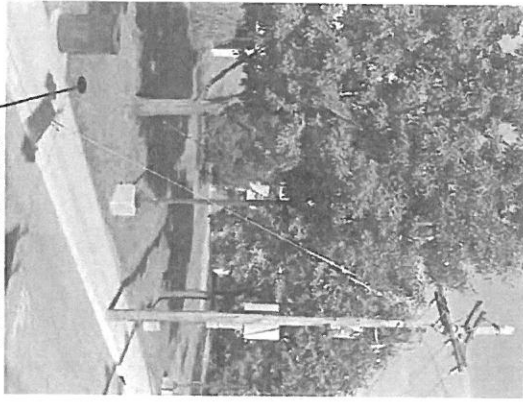
**FIBER OPTIC NODE INSTALLATION
ONTO NEW EXTENET POLE
NODE LOUXT-07 - CITY OF LOUISVILLE, KY
WEST SIDE OF S. FLOYD STREET
SOUTH OF E. BRANDIES AVE.
(IN FRONT OF 2100 S. FLOYD STREET)**

SITE LOCATION MAP



LAT: 38.21335 LONG: 85.78192

SITE LOCATION PHOTO



APPROX. LOCATION OF NEW POLE



PROJECT #
EXTK Y14000

OWNER: BELLEVILLE, KY



1000 N. BROAD ST
SUITE 200
LOUISVILLE, KY 40203

Original Issue Date: 08/13/14
Latest Revision Issue: 07/24/15

PREPARED BY:



400 North 80th Street
Shelbysburg, KY 40381
Phone: (502) 426-2000
Fax: (502) 426-2000
P.O. Box 100
Shelbysburg, KY 40381

CONTRACTOR:

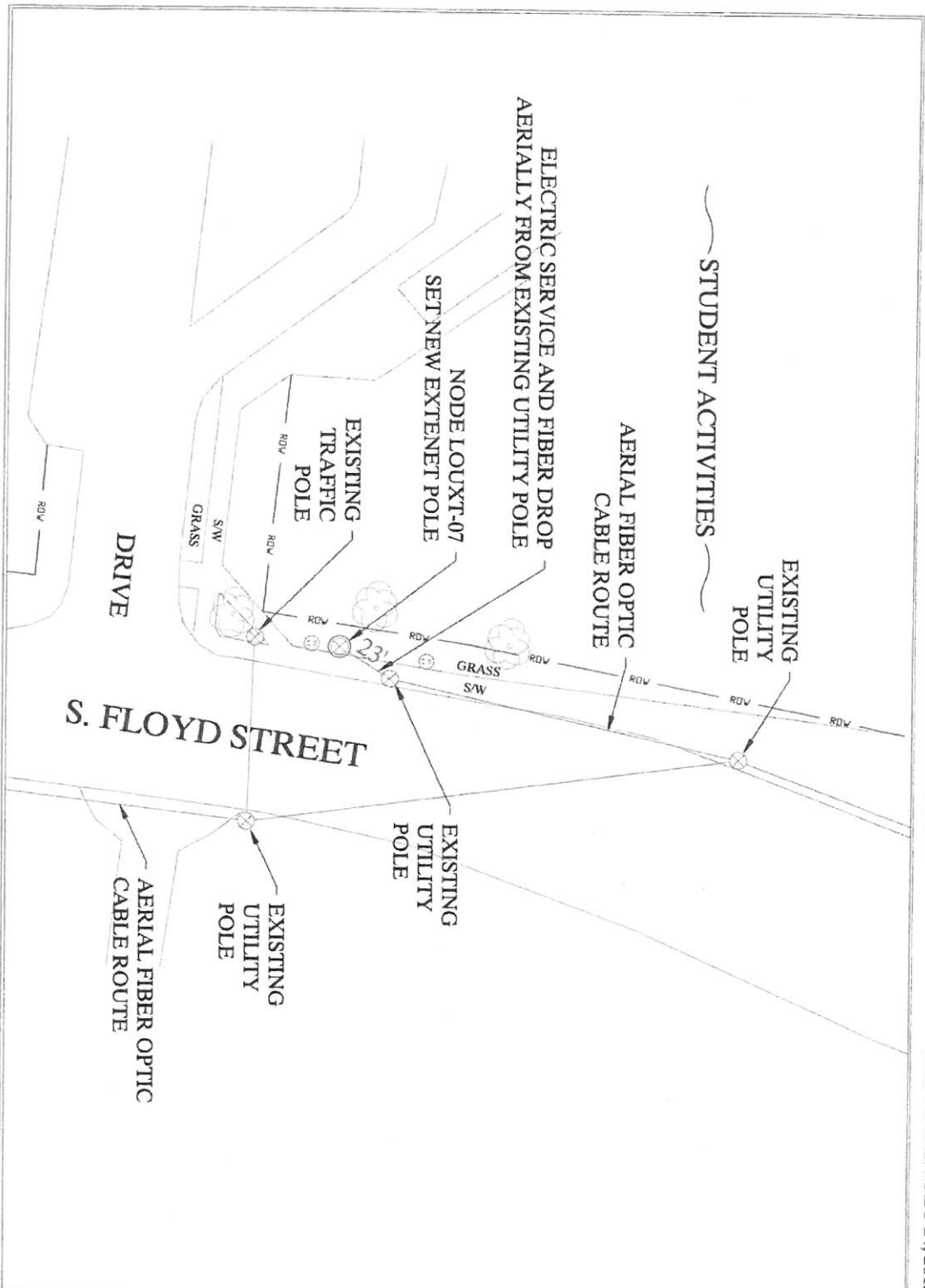


400 North 80th Street
Shelbysburg, KY 40381
Phone: (502) 426-2000
Fax: (502) 426-2000
P.O. Box 100
Shelbysburg, KY 40381

NODE LOUXT-07
FIBER OPTIC NODE
INSTALLATION ONTO
NEW EXISTENT POLE
LOUISVILLE, KY

Item #	Description	Qty
1	INSTALL 1 NODE ON EXISTENT POLE	10
2	INSTALL 100' FIBER OPTIC CABLE	100
3	INSTALL 100' FIBER OPTIC TRUNKING	100
4		
5		
6		
7		
8		
9		
10		

Issued By:	Checked:	Approved:
JD	GAH/MS	
Scale:	NTS	



PROJECT #:
EXTKY14000

OWNER/OPERATOR:



Original Issue Date: 08.13.14
Latest Revision Date: 07.24.15

1 INCH = 10'



FILE:
NODE LOUXT-07
FIBER OPTIC NODE
INSTALLATION ONTO
EXISTING UTILITY POLE
LOUISVILLE, KY

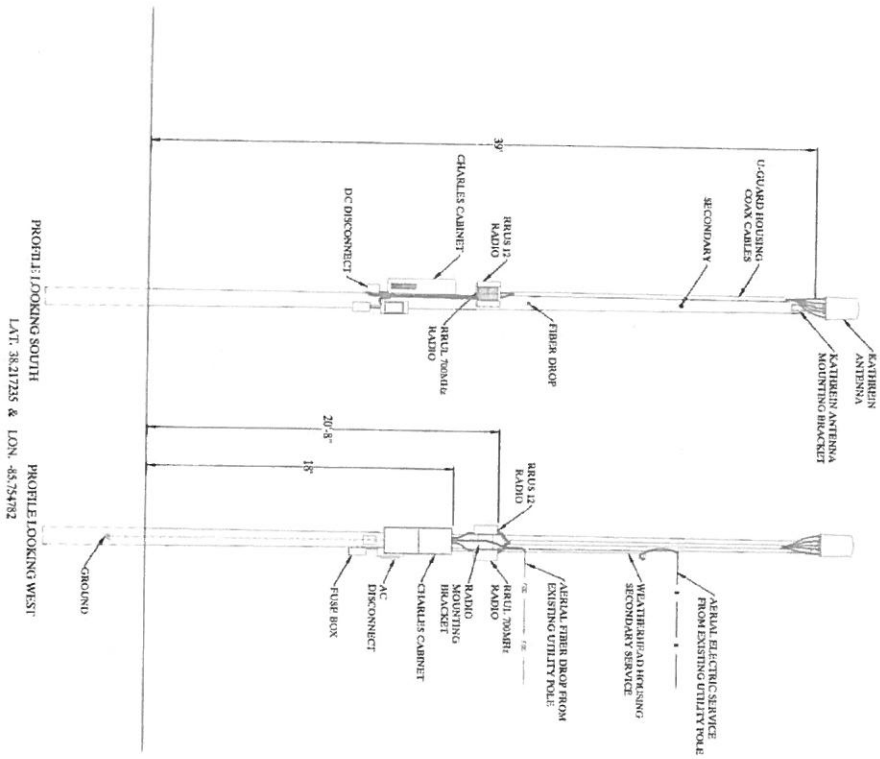
Item #	Date	Description	By
1		ISSUE FOR APPROVAL/PERMITTING	RD
2		INSTALL DETAIL TOLERANCES	RD
3		INSTALL PERMANENT MARKING	RD
4			
5			
6			
7			
8			

DESIGNED BY: GABRIEL
CHECKED BY: GABRIEL
DATE: 11-30-14

FOR ZONING PURPOSES ONLY

PDF MADE: JULY 24, 2015

NEW EXTENET POLE (CL 3-45) W/ NODE EQUIPMENT



Project #
EXTKY14000

extenet
FOR YOUR NETWORK
SYSTEMS
4000 W. STATE STREET
MADISON, IL 60502

Original Issue Date: 08.13.14

Last Revision Date: 07.24.15

ISSUANCE:



Title:
NODE LOUXT-07
FIBER OPTIC NODE
INSTALLATION ONTO
NEW EXTENET POLE
LOUISVILLE, KY

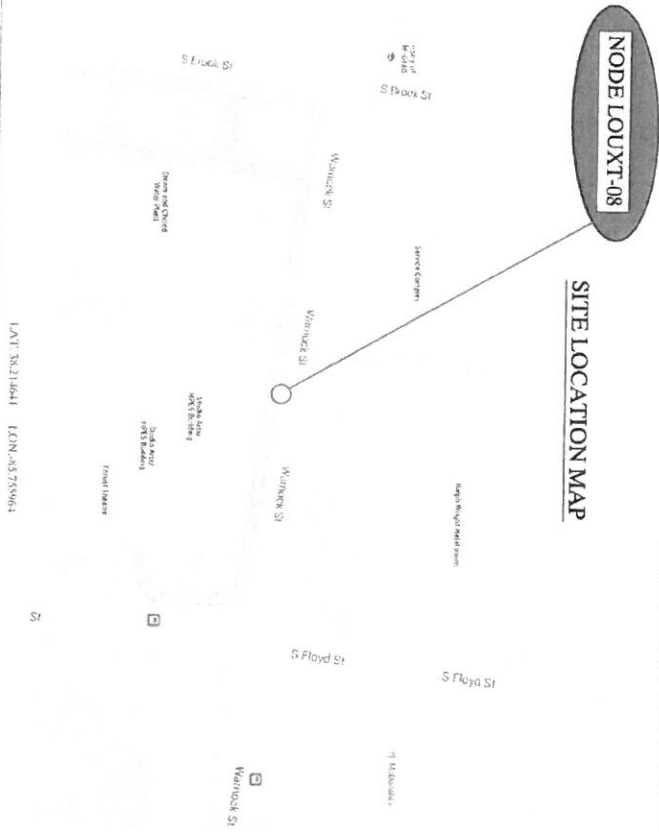
Rev#	Date	Description	By
1		INITIAL NORTH CAROLINA	PP
2		INITIAL PENN AND TEXAS	PP
3		07/24/15 (DC) DISCONNECT CHANGE	PP
4			
5			
6			
7			
8			

Drawn By:	Checked By:	Approved By:
10	GAH/LS	
Scale:	1" = 6'	
Sheet:	3 of 3	



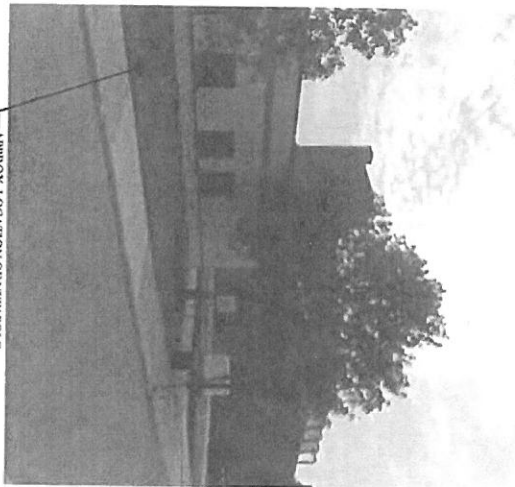
FIBER OPTIC NODE INSTALLATION
 ONTO NEW EXTENET POLE
 NODE LOUXT-08 - CITY OF LOUISVILLE, KY
 SOUTH SIDE OF WARNOCK STREET
 WEST OF S. FLOYD STREET

SITE LOCATION MAP



LAT: 38.218641 | LON: -85.755664

SITE LOCATION PHOTO



APPROX. LOCATION OF NEW POLE



Project #
EXTKY14000



400 North 40th Street
 Shepherdsville, KY 40388
 Phone: (502) 439-2600
 Fax: (502) 439-2601

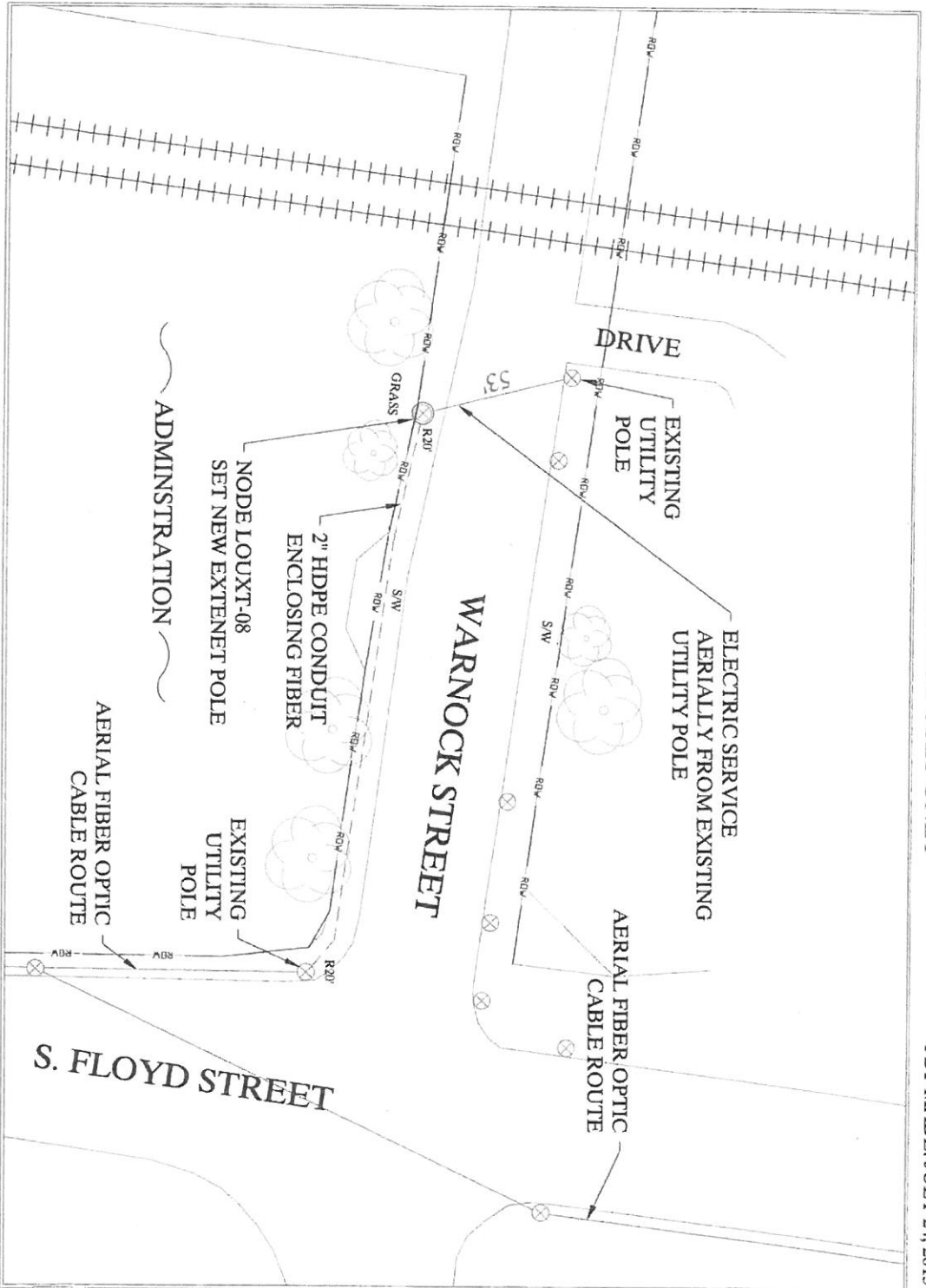


400 North 40th Street
 Shepherdsville, KY 40388
 Phone: (502) 439-2600
 Fax: (502) 439-2601

Node Name: Warnock St
 Node ID: 10
 Node Type: FTTH

Node Name: Warnock St
 Node ID: 10
 Node Type: FTTH

Node ID	Node Name	Node Type	Node Status
10	Warnock St	FTTH	NTS



Project #
EXTKY14000

OWNER: BIRCHFIELD, INC.

exteneer™
100% NETWORK
SYSTEMS
800 Waverly Road
Suite 201, L.A., IL 60531

Original Issue Date: 08/14/14
Final Revised Date: 11/03/14

Cable
400 North 90th Street
Shelbyville, KY 40001
Phone: (502) 459-2000
Fax: (502) 459-2008

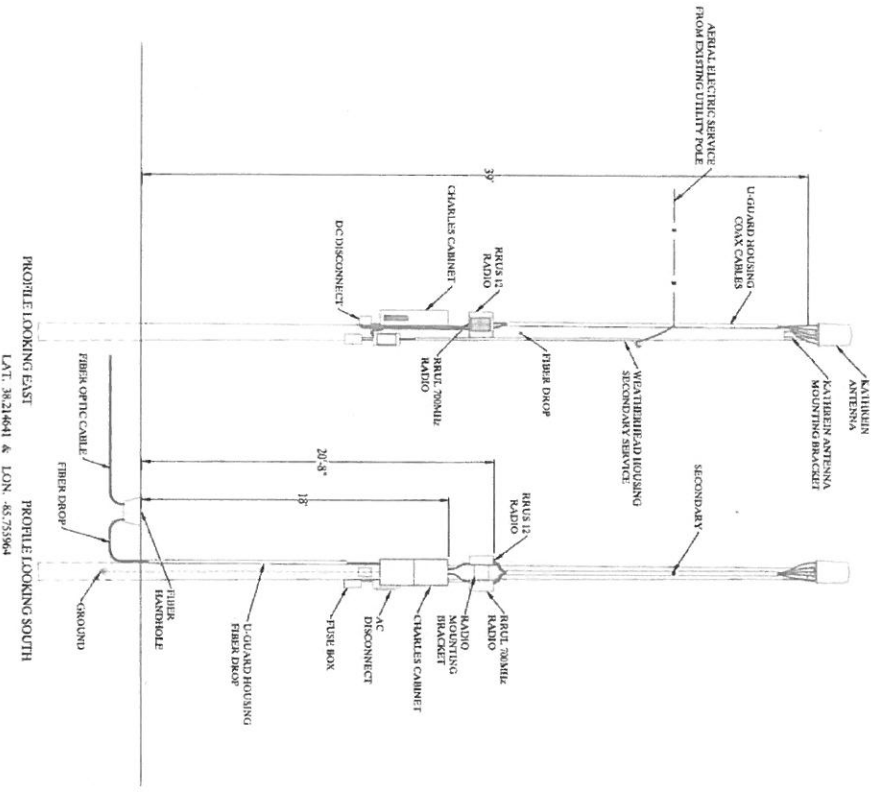
Cable
400 North 90th Street
Shelbyville, KY 40001
Phone: (502) 459-2000
Fax: (502) 459-2008

FILE:
NODE LOUXT-08
FIBER OPTIC NODE
INSTALLATION ON
UTILITY POLE
LOUISVILLE, KY

Part	Date	Description	By
1	11/03/14	FINAL NODE INSTALLATION	RD
2	07/24/15	FOR CONSENT CHANGE	RD
3			
4			
5			
6			
7			
8			

Drawn By	Checked By	Approved By
IO	CM/MS	
Scale:	1" = 30'	

NEW EXTENET POLE (CL 3-45) W/ NODE EQUIPMENT



PROFILE LOOKING EAST
LAT. 38.214641 & LON. -85.755964

PROFILE LOOKING SOUTH



Project #
EXTKY14000

OWNER: TOWN OF FORT LEE



Original Issue Date: 08/14/14
Latest Revision Date: 11/10/14



INSTALLATION:
Cable

4001 North Main Street
Schaumburg, IL 60195
Phone: (708) 649-2800
FAX: (708) 649-2800

NOTE: NODE LOUXT-08
FIBER OPTIC NODE
INSTALLATION ON TO
UTILITY POLE
LOUISVILLE, KY

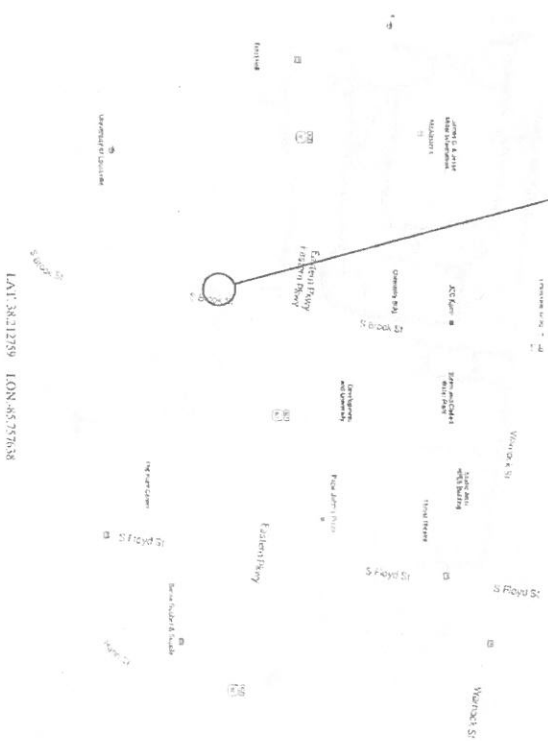
Rev #	Date	Description	By
1	11/06/14	ISSUED FOR CONSTRUCTION	JO
2	10/24/14	REVISED FOR CONSTRUCTION	JO
3			
4			
5			
6			
7			
8			

Drawn By: **JO**
Checked By: **FABES**
Scale: 1" = 6'



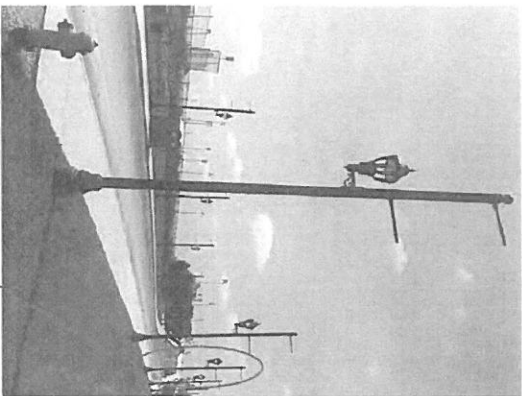
**FIBER OPTIC NODE INSTALLATION
ONTO DECORATIVE LIGHT POLE
NODE LOUXT-09 - CITY of LOUISVILLE, KY
WEST SIDE of S. BROOK STREET
SOUTH of EASTERN PARKWAY
(APPROX. 2407 S. BROOK STREET)**

SITE LOCATION MAP



LAT: 38.21289 LON: -85.37638

SITE LOCATION PHOTO



ACTUAL LAMP POST LOCATION



Project #:
EXTKY14000

OWNER: EDVILUTR



2000 Water and Power
5000 Park Lane, Suite 1000
Louisville, KY 40203

Original Issue Date: 08/14/14

Issue Revision Date: 07/27/15

EMITTER:



4401 South 40th Street
Shelburne, VT 05488
Phone: (920) 89-2600
Fax: (920) 89-2600

CONTRACTOR:

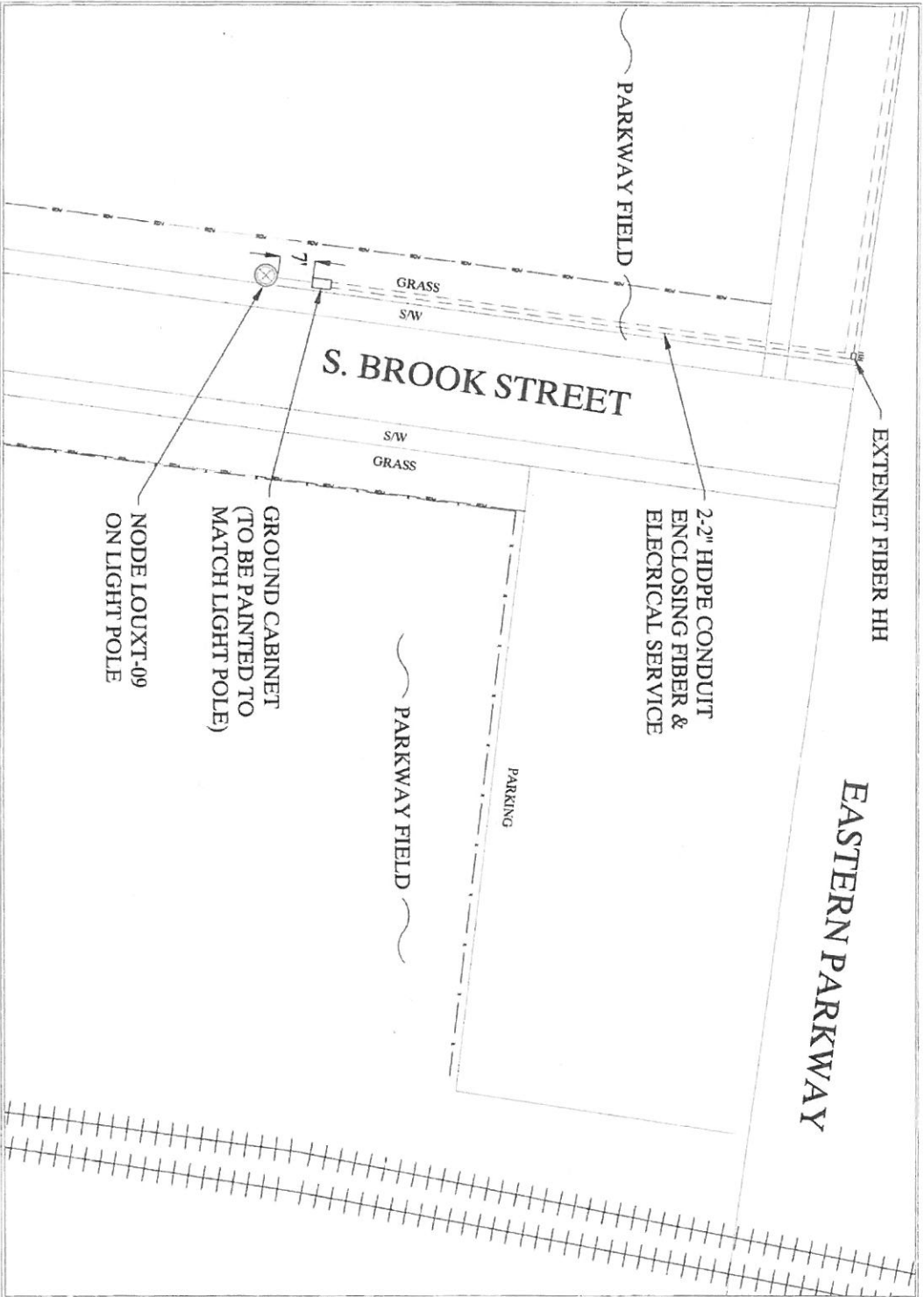


4401 South 40th Street
Shelburne, VT 05488
Phone: (920) 89-2600
Fax: (920) 89-2600

**NOTE: LOUXT-09
FIBER OPTIC NODE
INSTALLATION ONTO
DECORATIVE LIGHT POLE
LOUISVILLE, KY**

Item	Date	Description	By
1	11/01/14	ADDENDUM TO CONTRACT	JLD
2	11/01/14	PROPOSAL CHANGES	JLD
3	02/27/15	PERMITS/ISSUE CLARIFY	RD
4			
5			
6			
7			
8			
9			
10			

Sheet: **1 of 3**



Project #
EXTKY14000

TRANSDATA SYSTEMS
3500 AMERICAN ROAD
SUNNYVALE, CALIF. 94086

Contract Number: 08-14-14
Contract Name: 072715
EINSTEIN
TRANSDATA SYSTEMS
3500 AMERICAN ROAD
SUNNYVALE, CALIF. 94086
PHONE: (415) 651-2000
FAX: (415) 651-2000

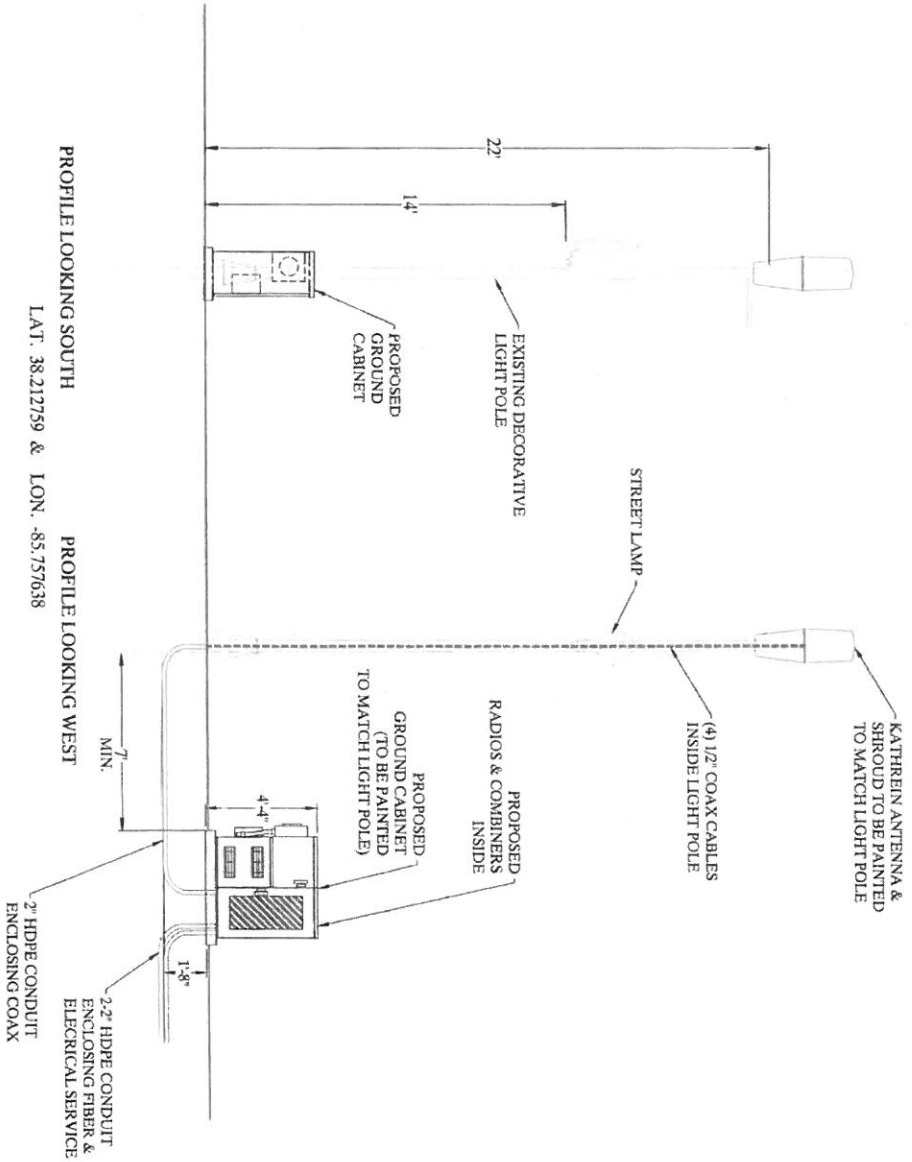
TRANSDATA SYSTEMS
3500 AMERICAN ROAD
SUNNYVALE, CALIF. 94086
PHONE: (415) 651-2000
FAX: (415) 651-2000

FILE:
NODE LOUXT-09
FIBER OPTIC NODE
INSTALLATION ON TO
DIFFERENTIAL LIGHT POLE
LOOHSVILLE, KY

Line	Date	Description	By
1		INSTALLATION ON TO DIFFERENTIAL LIGHT POLE	JK
2		INSTALLATION ON TO DIFFERENTIAL LIGHT POLE	JK
3		INSTALLATION ON TO DIFFERENTIAL LIGHT POLE	JK
4		INSTALLATION ON TO DIFFERENTIAL LIGHT POLE	JK
5		INSTALLATION ON TO DIFFERENTIAL LIGHT POLE	JK
6		INSTALLATION ON TO DIFFERENTIAL LIGHT POLE	JK
7		INSTALLATION ON TO DIFFERENTIAL LIGHT POLE	JK
8		INSTALLATION ON TO DIFFERENTIAL LIGHT POLE	JK
9		INSTALLATION ON TO DIFFERENTIAL LIGHT POLE	JK
10		INSTALLATION ON TO DIFFERENTIAL LIGHT POLE	JK

Scale: 1" = 30'
Date: 2 of 3

EXISTING DECORATIVE LIGHT POLE W/ NODE EQUIPMENT



PROFILE LOOKING SOUTH
LAT. 38.212759 & LON. -85.757638

PROFILE LOOKING WEST
MIN. 7'
4'-4"
1'-8"
2'-2" HDPE CONDUIT ENCLLOSING FIBER & ELECTRICAL SERVICE
2'-2" HDPE CONDUIT ENCLLOSING COAX



Project #
EXTKY14000

OWNER: KATHREIN ANTENNA & SHROUD

exteneel SYSTEMS
400 Westwood Road
Jefferson, MO 64131

Original Issue Date: 08.14.14
Latest Revision Date: 07.27.15



Label:
NODE LOUXT-09
THIRK OPTIC-NODE
INSTALLATION ONTO
DECORATIVE LIGHT POLE
LOUISVILLE, KY

Item	Desc	Qty
1	12" x 12" x 12" ALUMINUM TRIPOD LIGHT POLE	1
2	12" x 12" x 12" ALUMINUM TRIPOD LIGHT POLE	1
3	12" x 12" x 12" ALUMINUM TRIPOD LIGHT POLE	1
4	12" x 12" x 12" ALUMINUM TRIPOD LIGHT POLE	1
5	12" x 12" x 12" ALUMINUM TRIPOD LIGHT POLE	1
6	12" x 12" x 12" ALUMINUM TRIPOD LIGHT POLE	1
7	12" x 12" x 12" ALUMINUM TRIPOD LIGHT POLE	1
8	12" x 12" x 12" ALUMINUM TRIPOD LIGHT POLE	1
9	12" x 12" x 12" ALUMINUM TRIPOD LIGHT POLE	1
10	12" x 12" x 12" ALUMINUM TRIPOD LIGHT POLE	1

Scale: 1" = 4'
Sheet: **3 of 3**