

ZoomyCo at Lost Rabbit's Builder Program_The Town of Lost Rabbit



ZoomyCo at Lost Rabbit's Fiber to the Home Network- OASYS: The Ultimate Amenity

Zoomy Communications has partnered with the developers of The Town of Lost Rabbit to provide a world-class, state-of-the-art, Fiber to the Home (FTTH) for each and every home and business within the development. ZoomyCo at Lost Rabbit's (FTTH) network delivers local telephone service, Internet and data services, security and alarm monitoring, and cable TV services, concierge services and many other value added services targeted to the communications and entertainment needs of the Lost Rabbit homeowners.

What is ZoomyCo at Lost Rabbit offering?

ZoomyCo at Lost Rabbit will build and operate a Fiber to the Home network to every home in the Lost Rabbit development at no cost to the residences.

What are the benefits of FTTH?

- FTTH increases home values by \$4000 to \$7000
- Better Services, with guaranteed service levels
- Guaranteed Lower Prices

- Future proof the community to be state of the art
 - ▶ Advanced information
 - ▶ Entertainment
 - ▶ Communications
 - ▶ Security

Who is Zoomy Communications?

Zoomy Communications is an infrastructure provider, not a service provider. We work with developers with our FTTH solution to deliver FTTH networks within new developments in the United States like Lost Rabbit. We have contracted with various service providers to provide innovative and competitive communications, entertainment, and security services.

Do people want FTTH?

Research of potential home-owners has shown that as more people work at home and their access to the internet becomes more important from a lifestyle and entertainment standpoint, that 45% of home buyers would prefer a home with a FTTH network. Another reason? This amenity will result in the quicker selling of homes; and at a higher price!!

Services available at the Town of Lost Rabbit:
Phone, Internet and Video

Save when you purchase both Phone and Internet!

- Snap Voice and Net (Phone and Internet)- \$94.99/month
- Snap Voice Only (Phone)- \$45/month
Local & Long Distance (unlimited to area code 601)

All upgrade prices are in addition to the base package price:
Long Distance (Unlimited Nationwide LD)- \$14.99/month
Additional Home Phone Line with features- \$14.95/month
Voice Mail- \$5.00/month per box

NOTE: Long distance rates of \$.05/minute apply to all calls outside of the calling plan without the Nationwide LD plan.

- Snap Net Only (Internet)- \$59.99/month
5MB, 3 email addresses, 10MB web space
- Video (Cable TV)- \$49.50/month
Top 60 with local channels
Please visit the Lost Rabbit Show Home for channel lineup information.

Who are the Service Providers at the Town of Lost Rabbit?

Phone and Internet

Telepak Networks

PLEASE CALL: 877-835-3725 (877-Telepak) or email questions@telepak.net for new services and details on additional products and offerings.

Technical Support: 888-806-4357 and Fax: 601-384-8420

Cable TV

ZoomyCo at Lost Rabbit powered by Dish Network

PLEASE CALL: 800-408-0125 for new services and details on additional products and offerings, including digital services.

Security and Alarm Monitoring

ADT

Zoomy Communications has partnered with the premier nation-wide security and alarm monitoring company ADT to provide various value packages for new homeowners at Lost Rabbit. ADT offers a \$200 cash back incentive with the purchase of alarm system and monitoring services.

PLEASE CALL: 877-811-3616 for new services. The Promotional Code is B29006.

For additional information on service offerings, please visit your community website at www.lostrabbitonline.net.



ZoomyCo at Lost Rabbit's Inside Wiring Guidelines

Who are the companies that are capable of wiring homes?

Because functional inside wiring is so important if homeowners are to obtain the advantages of OASYS, ZoomyCo at Lost Rabbit must certify the design, and installation work of any company that will provide inside wiring of any home or business within the development. ZoomyCo at Lost Rabbit will recommend certified Leviton inside wiring installers, along with specific Leviton components and cable. Also, electricians that provide low-voltage inside wiring can become certified by ZoomyCo at Lost Rabbit to provide the inside wiring of homes.

Individuals that have been certified to wire homes at Lost Rabbit include:

Clint Gideon
601-750-4111
netlinkcabling@bellsouth.net

Shane Adams
601-832-6112
sadams@recover-e.net

Who is the ZoomyCo at Lost Rabbit onsite technician that I call for inside wiring certifications at Lost Rabbit?

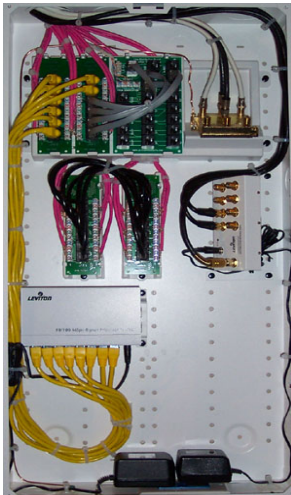
John Dewsnap
Phone: **601-259-6319**
John's personal email is: jdewsnap@zoomyco.com

Or

Charlie Bell
Phone: 970-928-7722 x 8226
Cell: 970-376-1350
Email: lorders@zoomyco.com
Charlie's personal email is: cbell@zoomyco.com

Overview of inside wiring requirements and the interfacing with the OASYS fiber network.

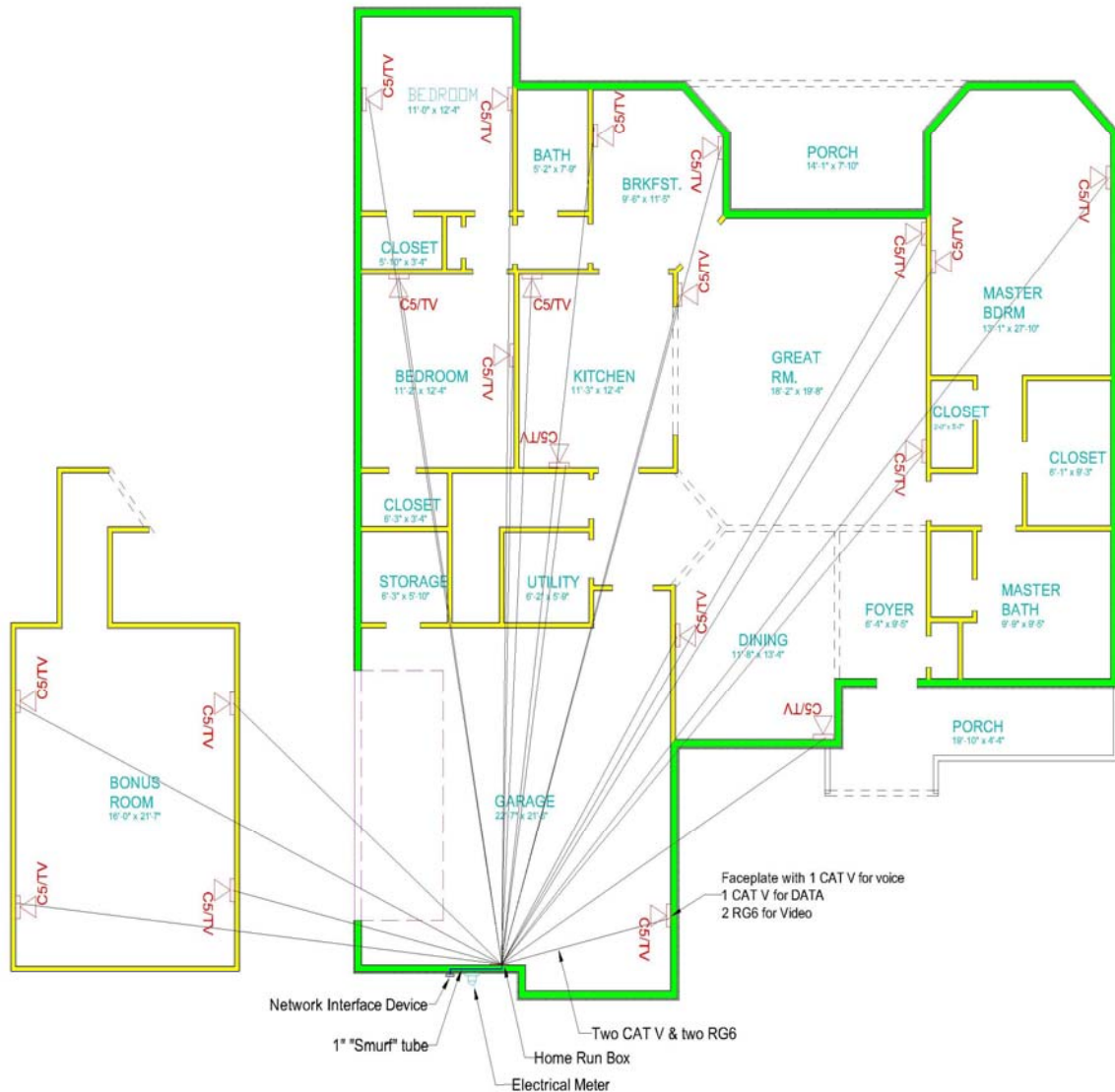
Home Run wiring must be used. Home Run simply means this; one cable feeds one jack. ZoomyCo at Lost Rabbit recommends that structured cabling be used (2-RG6 & 2-CAT5e in one cable) from each jack location back to the Home Run Panel. It is also acceptable to pull individual cables to each jack location. Remember: In no case can the cabling used to feed one jack be "daisy chained" to another, even if the jacks are in the same room. Voice and Data can both use Category 5e or better twisted pair cable. Video requires RG6 twin shield (60% or better shielding) or better coaxial cable.



THE TOWN OF
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Figure 1 is a simplified plan of a 3 bedroom home. Note that all the wiring radiates from a single distribution device—the home run pattern—and there are at least 2 outlets in each major room.



Connecting the home to the all-fiber network:

Each lot will have a distribution box or pedestal at either the curb or on a back lot line. The builder is responsible for installing a 3/4" to a 1 1/4" conduit with pull string (PVC or HDPE are acceptable) from the distribution box or pedestal to the side of the house near the electrical meter. This duct or conduit will provide the path for fiber to be installed to the side of the home. This conduit is usually placed in a "joint trench" with the conduit for the electrical service.



ZoomyCo at Lost Rabbit will install fiber from the distribution box to the home and will install a utility box on the outside of the home. This utility box is referred to as a Network Infrastructure Device or a "NID". *The builder is responsible for notifying ZoomyCo at Lost Rabbit's on-site technician when the*

electrical power meter has been installed for the home, so that ZoomyCo at Lost Rabbit can install the NID. Within 20 feet of the NID that gets placed on the outside of the home, an Uninterruptible Power Supply (UPS) will need to be installed inside the home or garage and a power cable run will need to be installed between them. Within 5 feet of the UPS an 110v receptacle needs to be installed. A ground rod will also need to be located in close proximity to the NID. Since all electrical service meter panels require that a ground rod be placed and we have the ability to attach to that same ground rod, little if any rework for this component will be required.

Builders must place the telecommunication conduit at the same time that the electrical conduit and meter base is installed. Builders must use sweep 90's if a bend in the conduit is required; 90 degree elbows are not acceptable.

Builders must place a smurf tube or conduit from the NID location on the outside of the home to the battery pack; which cannot be longer than 20 feet. Builders must also ensure that 2-RG6 & 2-CAT5e cables are installed from the homerun box to the NID.

Builders must sweep the service conduit (.75" – 1.25" conduit with pull string) at least 18" from either side of the breaker panel/power meter. This must be 6' out of ground, flushed to the home.

Builders are also required to install at least 2 low voltage outlets in every room.

What is the handoff between ZoomyCo at Lost Rabbit and the Builder (or Low Voltage Company)?

ZoomyCo at Lost Rabbit brings services to the NID on the side of the home. The builder is responsible for all internal wiring and service feed to the NID. This includes trimming and wiring face plates; the termination at the HUB or home run area; video splitters; and punch down for voice, data, video, security, etc. Cat 5e Cabling must be installed in accordance with the 568-A standard for Voice and the 568-B wiring standard for data. **Builder will be responsible for calling a ZoomyCo at Lost Rabbit technician before drywall installation and before Certificate of Occupancy (C.O.) for inspection. The home must be certified before a C.O. is given. Builders will need to provide at least 48 hours notice for wiring inspections, prior to drywall installation and customer move in.**

Inside Wiring Materials.

Following is a list of the basic materials needed to complete a "Home Run" installation. Builders should utilize the following Leviton materials. All of these materials will be available in kit form based on number of rooms from one of ZoomyCo at Lost Rabbit's distributors.

<u>Description</u>	<u>Part Number</u>	<u>Quantity Required</u>
Series 420 Hinged Case	47605-42D	1
	47605-42N	1
	47612-42B	1 (2" extender bracket)



Advanced Panel 47606-AHT 1 per 6 faceplates



Surge AC Duplex 47605-DP 1



Internet Router / Switch 47611-GT4 1



Network Switch 47611-8PT 1



3' Data Patch Cord (picture for reference only) 5G460-03S 1x # of Rooms



4 Port Decora Insert 41644-W (for white) 2 x # of Rooms



F Adapter 40831-BW (for white) 2 x # of Inserts



Voice Adapter 41108-RW8 (for white, voice) 1x # of Inserts



Data Adapter

5G108-RW5 (for white, data) 1x # of Inserts



Face Plates

80401-W (for white) 2x # of Rooms



Gang Box

SC100A (Carlson) 2x # of Rooms



Here is a complete bill of materials by color of trim. Remember that the minimum # of outlets per room are 2. The example used is for 12 service locations (outlets). Please email lrorders@zoomyco.com for a working spreadsheet that will calculate material quantities easily for you. This can be emailed directly to you.

Number of
service locations
in home

12 *Please plan at least two service locations per room

<u>Part No.</u>	<u>Quantity</u>	<u>Description- WHITE TRIM</u>
80401-W	12	Leviton Decora 1-gang faceplate - White
41644-W	12	Leviton Quickport 4-port insert - White
41108-RW8	12	Leviton 8-conductor USOC connector (Voice Grade) - White
5G108-RW5	12	Leviton 8-conductor Gigamax 5e channel-rated connector - White
40831-BW	24	Leviton F-type Adapter, gold-plated - White
47606-AHT	2	Leviton Advanced Home Telephone & Video Panel. Includes (1) Telephone Line Distribution Module, (1) Cat 5e Voice & (2) Data Board, (1) 6-Way 2 GHz Video Splitter
47611-8PT	1	Leviton 10/100 Base-T 8-Port Ethernet Switch, with power Adapter
47611-GT4	1	Leviton 10/100 Base-T Internet Gateway Router, with Power Adapter
47605-42D	1	Leviton Series 420 Hinged Cover
47605-42N	1	Leviton Series 420 Enclosure, empty, no cover
47612-42B	1	Leviton Extender bracket 2" depth extension for series 420 Media Centers
47605-DP	1	Leviton AC Power Module

<u>Part No.</u>	<u>Quantity</u>	<u>Description- IVORY TRIM</u>
80401-I	12	Leviton Decora 1-gang faceplate – Ivory
41644-I	12	Leviton Quickport 4-port insert – Ivory
41108-RI8	12	Leviton 8-conductor USOC connector (Voice Grade) – Ivory
5G108-RI5	12	Leviton 8-conductor Gigamax 5e channel-rated connector – Ivory
40831-BI	24	Leviton F-type Adapter, gold-plated - Ivory
47606-AHT	2	Leviton Advanced Home Telephone & Video Panel. Includes (1) Telephone Line Distribution Module, (1) Cat 5e Voice & Data Board, (1) 6-Way 2 GHz Video Splitter
47611-8PT	1	Leviton 10/100 Base-T 8-Port Ethernet Switch, with power adapter
47611-GT4	1	Leviton 10/100 Base-T Internet Gateway Router, with Power Adapter
47605-42D	1	Leviton Series 420 Hinged Cover
47605-42N	1	Leviton Series 420 Enclosure, empty, no cover
47612-42B	1	Leviton Extender bracket 2" depth extension for series 420 Media Centers
47605-DP	1	Leviton AC Power Module
5G460-03S	12	Leviton Patch Cord - 3-foot length – Grey
SC100A	12	Carlton Single gang low voltage bracket/nailer box
7876S	1	Belden Structured Cable - 2-Cat5e/2-RG6 (1000' roll)
5G460-03S	12	Leviton Patch Cord - 3-foot length – Grey
SC100A	12	Carlton Single gang low voltage bracket/nailer box
7876S	1	Belden Structured Cable - 2-Cat5e/2-RG6 (1000' roll)

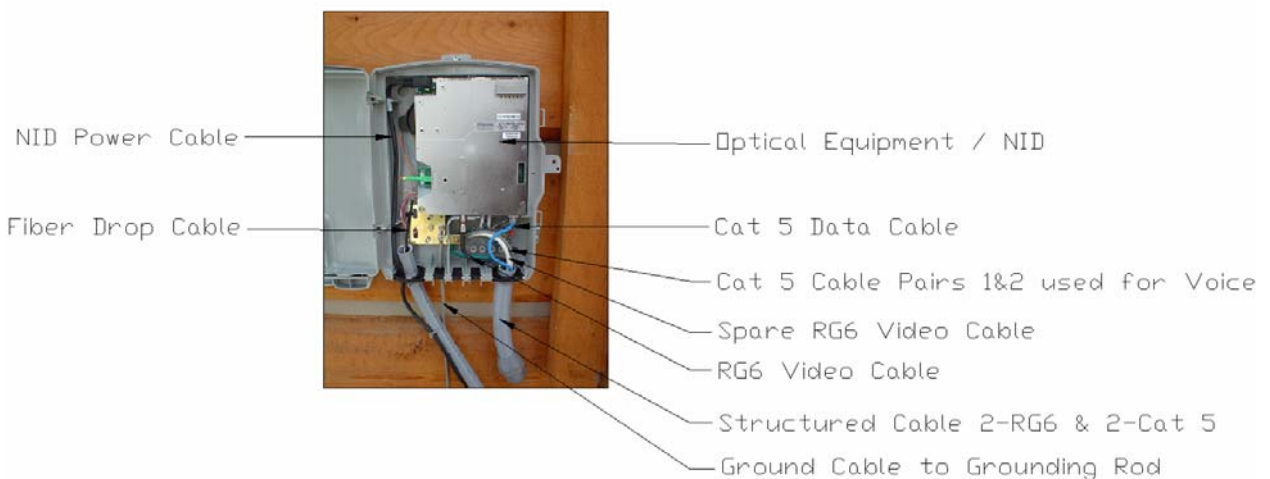
<u>Part No.</u>	<u>Quantity</u>	<u>Description- ALMOND TRIM</u>
80401-A	12	Leviton Decora 1-gang faceplate – Almond
41644-A	12	Leviton Quickport 4-port insert – Almond
41108-RA8	12	Leviton 8-conductor USOC connector (Voice Grade) - Almond
5G108-RA5	12	Leviton 8-conductor Gigamax 5e channel-rated connector - Almond
40831-BA	24	Leviton F-type Adapter, gold-plated - Almond
47606-AHT	2	Leviton Advanced Home Telephone & Video Panel. Includes (1) Telephone Line Distribution Module, (1) Cat 5e Voice & Data Board, (1) 6-Way 2 GHz Video Splitter
47611-8PT	1	Leviton 10/100 Base-T 8-Port Ethernet Switch, with power adapter
47611-GT4	1	Leviton 10/100 Base-T Internet Gateway Router, with Power Adapter
47605-42D	1	Leviton Series 420 Hinged Cover
47605-42N	1	Leviton Series 420 Enclosure, empty, no cover
47612-42B	1	Leviton Extender bracket 2" depth extension for series 420 Media Centers
47605-DP	1	Leviton AC Power Module
5G460-03S	12	Leviton Patch Cord - 3-foot length - Grey
SC100A	12	Carlton Single gang low voltage bracket/nailer box
7876S	1	Belden Structured Cable - 2-Cat5e/2-RG6 (1000' roll)*

**Wiring footage may vary due to size of home and wiring locations. ZoomyCo at Lost Rabbit averaged 1000 ft. of structured cable for a 12 outlet home. However, the Electrician will be responsible for estimating amount of structured cable and will have to order accordingly. 1000' of the structured cabling will come in each standard kit.*

Who do I buy my NID from and how does that work?

When the electric power meter has been installed on the home and the conduit has been placed to the NID location, the builder will notify ZoomyCo at Lost Rabbit's on-site technician to install the NID. The builder is responsible for paying ZoomyCo at Lost Rabbit for the NID; the power pack and cord; enclosure, fiber and trace wire and jumper at every home and businesses. The builder is also responsible for paying ZoomyCo at Lost Rabbit to install the NID. Costs vary depending upon what type of NID is installed at the home or business. Once payment is made, ZoomyCo at Lost Rabbit will splice the fiber, install the NID and will activate the home for voice, data, CATV and security services. Services will not be activated until payment is made to ZoomyCo at Lost Rabbit for all materials and the installation.

Please consult with the on-site ZoomyCo at Lost Rabbit technician to ensure that the contractor and/or builder understand these guidelines. A properly terminated NID is pictured below.



ZoomyCo at Lost Rabbit's Contact Information:

John Dewsnap- Onsite Technician
Phone: **601-259-6319**
John's personal email is: jdewsnap@zoomyco.com

Please contact John for wiring inspections and certifications.

ZoomyCo at Lost Rabbit
970-928-7722

Please contact ZoomyCo at Lost Rabbit to make payment for NID and Installation in order to activate services.



INSIDE WIRING AND INSPECTION CERTIFICATION REPORT

HOME WIRING MUST BE CERTIFIED BY ZOOMY COMMUNICATIONS BEFORE C.O. IS GIVEN

PHONE: 970-928-7722, FAX: 970-963-2787

PROJECT INFORMATION

PROJECT NAME: _____
BUILDER NAME: _____ CONTACT INFO: _____
LOT NUMBER: _____ STREET ADDRESS: _____
HOME OWNER: _____ CONTACT INFO: _____

CERTIFIER INFORMATION

NAME: _____
PHONE NUMBER: _____
COMPANY: ZOOMY COMMUNICATIONS

INSPECTION INFORMATION

INITIAL INSPECTION DATE:

CABLE COUNT AND LOCATIONS ARE CORRECT. RG-6 AND CAT-5E ARE RAN	_____	_____	Y	N
HOME RUN BOX INSTALLED	_____	_____	Y	N
POWER WIRE RAN IN HOME RUN BOX	_____	_____	Y	N
MINIMUM OF 2 CAT-5E & 2 RG-6 CABLES RAN BETWEEN NID & HOME RUN BOX	_____	_____	Y	N
CONDUIT FOR ONT POWER PLACED BETWEEN NID & HOME RUN BOX	_____	_____	Y	N
POWER OUTLET INSTALLED FOR ONT POWER SUPPLY	_____	_____	Y	N
COMMENTS:	_____	_____		

FINAL INSPECTION DATE:

CONDUIT PLACED BETWEEN HANDHOLE & NID	_____	_____	_____	Y	N
PULL STRING IN CONDUIT	_____	_____	_____	Y	N
FACEPLATES INSTALLED & PROPERLY TERMINATED	Y	N	TESTED	Y	N
POWER OUTLETS TERMINATED (IN HR BOX / ONT BATTERY)	Y	N	TESTED	Y	N
FACEPLATES INSTALLED & PROPERLY TERMINATED	Y	N	TESTED	Y	N
PRIOR ISSUES(IF ANY) FIXED AND ACTIONS TAKEN	_____	_____	_____	_____	_____

INSPECTION APPROVAL

_____ APPROVED _____ DENIED

INSPECTOR SIGNATURE: _____

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