

SEE SHEET 2 FOR  
INDEX OF SHEETS,  
GENERAL NOTES,  
AND  
COMMITMENTS

**Project Description:**  
Proposed residential network buildout

**Geographic Information:**


State: Illinois  
County: McHenry  
City: Lake in the Hills

**List of Permitting Authorities:**

1. Lake in the Hills
2. None
3. None
4. None
5. None
6. None

I3Broadband - Engineering Department  
PHONE: (309) 670-0400 ext. 400  
EMAIL: [engineering@i3broadband.com](mailto:engineering@i3broadband.com)

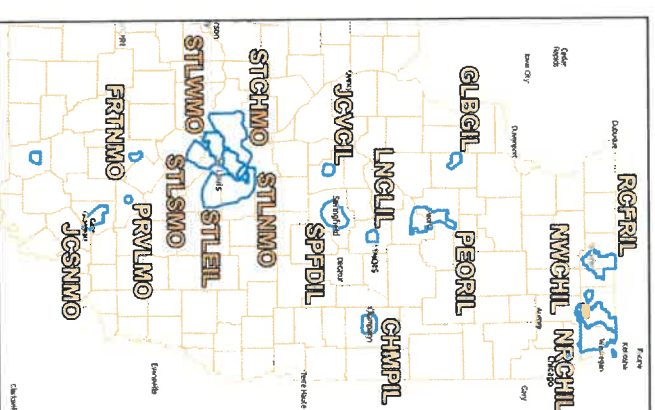
Project Designer: **Noah Vanlaningham**  
Const. Manager: **Nemanja Stanojevic**  
Market Manager: **Coty Keosprasa**

 **FOR LOCATING SERVICES**  
CALL: (800) 892-0123 (IL)  
(800) 344-7483 (MO)  
or 811 (US)



# PLANS FOR PROPOSED FIBER INSTALLATION

**Market:** NWCHIL  
**Chassis:** NWCHILMXXC03  
**Sector:** NWCHIL2050  
**Bore Footage:** 18606  
**Passings:** 315



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Time: 4:00 PM

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**INDEX OF SHEETS**

C1	Cover Sheet
M1	Index, General Notes, and Commitments Sheet
D11	Typical Vault Details Sheet
D12	Typical Vault Installation Details Sheet
L1	Symbol Reference Legend Sheet
P01	Project Overview Map
D1 - D6	Duct and Vault Installation Maps
F1 - F6	Fiber Installation Maps

**SPECIAL PERMITTING COMMITMENTS**

**GENERAL PLAN NOTES**

1. These notes shall be applicable to all operations performed under this contract, except when they conflict with any SPECIAL PERMIT COMMITMENTS (SEE THIS SHEET). In such cases, the notes in that section shall supersede these notes.
2. All care should be taken to mitigate damage to existing utilities. OneCall shall be contacted before any boring or excavation.
3. Note that handholes drawn on the shared lot line can be adjusted to either side of the lot line as necessary, which is standard on 13Broadband prints. Handholes that are shifted to one side of a lot line need to be placed on that side of the lot line, generally to comply with an easement, or to avoid a driveway or large tree.
4. Construction change order requests shall be coordinated with the appropriate 13 Construction Department Representative and CLEARLY DOCUMENTED ON THESE PLANS AS RED-LINED AS-BUILT DRAWINGS.
5. Any damage to adjacent properties caused by construction operations within the work area shall be fully restored to their ORIGINAL CONDITION.
6. Dimensions (approximate, in feet) shown generally indicate total Right-of-Way width, or Utility Easement width relative to nearest lot line. Rights-of-Way and Utility Easements are not necessarily uniform (i.e. not split evenly a cross street centerline or property line). Contact 13 as needed for clarity.
7. SLACK NOTES:  
 -All taps are to have 4' of slack at the head, 55' at the splice case, and no slack storage anywhere else.  
 -Mainline cable to have 55' at all ends/cut points and 110' at all #3 or larger handholes where cable is uncut.  
 -Any other abnormalities will be noted on prints.  
 The CONTRACTOR shall be required to comply with all Federal, State, and Local laws/ordinances, in addition to all 13Broadband contract documents.
- 8.

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RESERVED FOR SHEET NORTH ARROW AND SCALE

PROJECT ENGINEER:  
Noah VanLaningham

REVISIONS

<b>PROPOSED FIBER INSTALLATION PLANS</b>	
<b>INDEX, GENERAL NOTES, AND COMMITMENTS</b>	Printed: 1/28/2025 Time: 3:57 PM
SECTOR: NWCHIL2050	

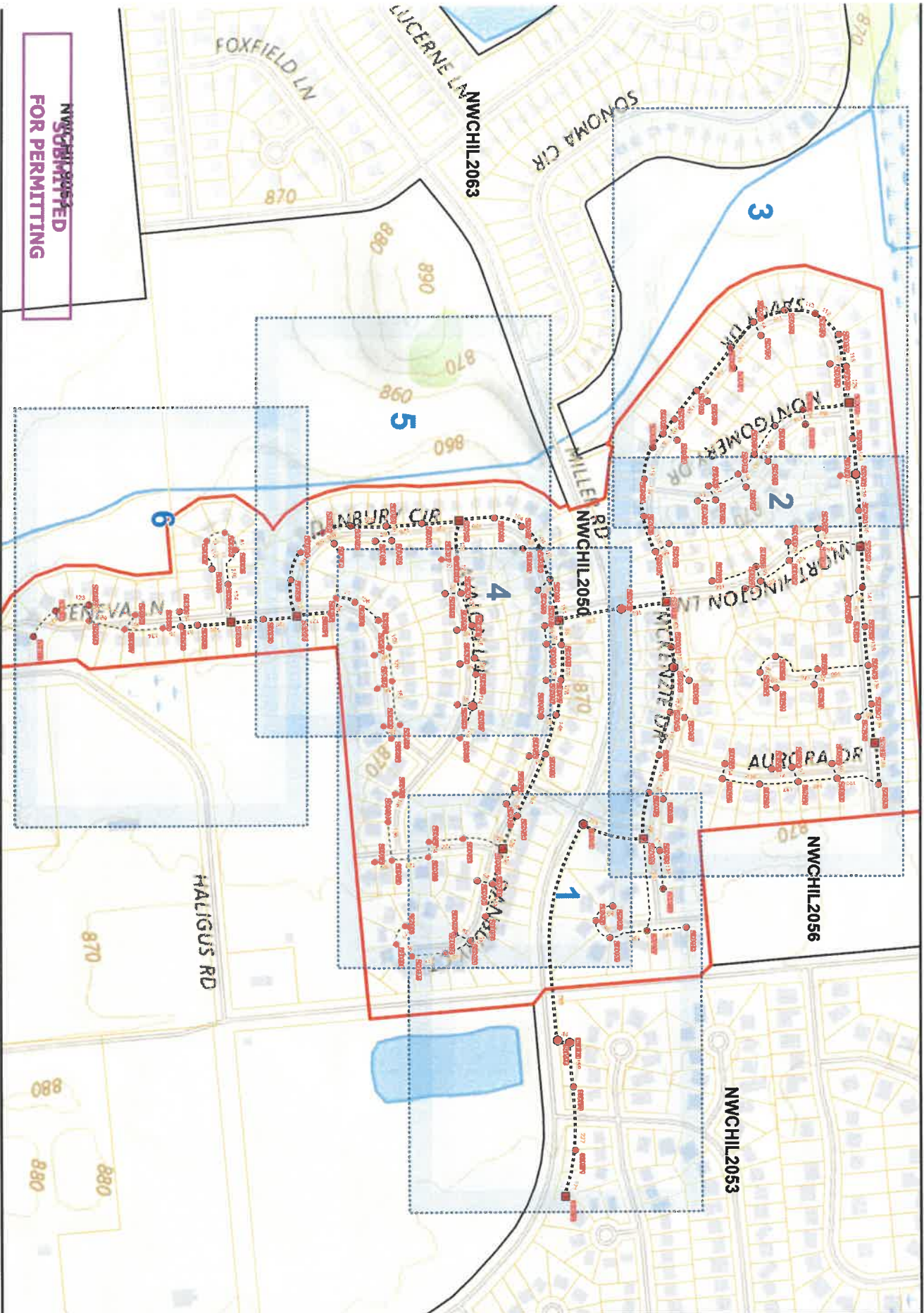
SHEET: N1








**NWCHIL2053  
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<b>PO1</b>	<b>PROPOSED FIBER INSTALLATION PLANS</b>		 SCALE: 1"=60' = 157 FEET <small>NCS, USA, Limited Liability Subdivision Corp.</small>	<b>Broadband</b> 602 High Point Lane East Peoria, Illinois (309) 670-0400 ext. 400 [bbroadband.com]	
	<b>PROJECT OVERVIEW (INDEX) MAP</b>				PROJECT ENGINEER: Noah VanLamghem  REVISIONS
	SECTOR: NWCHIL2050	Printed: 1/28/2025 Time: 4:01 PM			



Facilities leaving project boundaries shown only for reference. Only facilities entirely inside of project boundaries to be considered part of the project scope unless otherwise specified.



	602 High Post Lane East Peoria, Illinois (309) 670-0400 ext. 400 broadband.com	
	PCS, USA, Canada and Endstream/Comcast SCALE: 1"=50' FEET 0 25 50 75 100 FEET	
<b>SHEET NOTES:</b> 1. See Sheet 012 for special road crossing and spot elevations. 2. Method of conduit installation shall be determined by the contractor. THE USER ASSUMES RESPONSIBILITY FOR VERIFYING ALL UTILITIES AND OBTAINING NECESSARY PERMITS AND APPROVALS. 3. Additional details regarding fiber, manholes, and other details shall follow the same standard as the previous sheet. PROJECT ENGINEER: Neah Venkatarajaham		
REVISIONS		
PRINTED: 1/28/2025 TIME: 4:02 PM		
SECTOR: NWCHIL2050		
SHEET: <b>D2</b>		

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**Broadband**  
 602 High Point Lane  
 Raleigh, NC 27603  
 (399) 570-0400 ext. 400  
 Eibroadband.com

0 25 50 75 100 Feet  
 SCALE: 1 INCH = 50 FEET  
 PCS: USA Common Standard Clock

- SHEET NOTES:**
1. See Sheet D72 for typical road crossing and drive in details.
  2. Method of conduit installation shall be as shown on the drawings. OTHERWISE, REFER TO THE PLAN OR SPEC. PERMITTING COMMENTS (See Sheet N1).
  3. Additional conduit locations (other than those shown) shall be shown on the plan. Additional notes shall follow the same general format as the primary data.

**PROJECT ENGINEER:**  
 Noah VanLaningham

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**PROPOSED FIBER INSTALLATION PLANS**

**FIBER INSTALLATION PLAN MAPS**

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SECTOR: NWCHIL2050

**D3**

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**SUBMITTED FOR PERMITTING**

Connection between NWCHIL2050 & NWCHIL2051

FIBER INSTALLATION SUBMITTED FOR PERMITTING

FIBER INSTALLATION SUBMITTED FOR PERMITTING

**PROPOSED FIBER INSTALLATION PLANS**  
**FIBER INSTALLATION PLAN MAPS**  
 SECTOR: NWCHIL2050  
 Printed: 1/28/2025  
 Time: 4:03 PM

**D4**

**Broadband**  
 602 High Point Lane  
 East Pointe, Illinois  
 (309) 670-0400 ext. 400  
 info@broadband.com

0 25 50 75 100 Feet  
 SCALE: 1 INCH = 50 FEET  
 NCS, USA Composite Standard Color  
**SHEET NOTES:**  
 1. See Sheet 027 for typical road crossing and drive-in details.  
 2. Method of conduit installation shall be determined by the contractor and noted on the plans or SPECIAL PERMITTING COMMENTS (See Sheet 011).  
 3. Additional conduit sections (over than shown) shall be noted on the plans or SPECIAL PERMITTING COMMENTS (See Sheet 011).  
 4. Additional detail shall follow the same format as shown on the primary sheet.  
**PROJECT ENGINEER:**  
 Noah VanArman

REVISIONS

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**B3 Broadband**  
 601 High Point Lane  
 East Peoria, Illinois  
 (309) 670-9400 ext. 400  
 Ehbroadband.com

SCALE: 1" = 50 FEET  
 0 25 50 75 100  
 Feet

- SHEET NOTES:**
1. See Sheet 077 for typical road crossing and tree pit details.
  2. Method of conduit installation shall be determined by the contractor. OTHERWISE, REFER TO THE PLANS' OR SPECIFICATIONS FOR FURTHER INFORMATION. (See Sheet 077).
  3. Additional conduit locations (other than those shown) shall be determined by the contractor. Additional ducts shall follow the same general alignment as the Primary Duct.

PROJECT ENGINEER:  
 Noah Vanamangham

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**PROPOSED FIBER INSTALLATION PLANS**  
**FIBER INSTALLATION PLAN MAPS**  
 SECTOR: NWCHIL2050  
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SHEET:  
**D5**

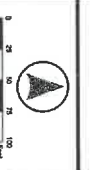




Facilities leaving project boundaries shown only for reference. Only facilities entirely inside of project boundaries to be considered part of the project scope unless otherwise specified.



**Broadband**  
 602 High Point Lane  
 East Peoria, Illinois  
 (309) 670-0400 ext. 400  
 Ebroadband.com



PCS USA Commercial Equipment Clinic  
 SCALE: 1"=60' = 60768"  
**SHEET NOTES:**  
 1. Fiber cables and traps are shown in either red or yellow. Fiber traps are shown in either red or yellow. Fiber traps are shown in either red or yellow. Fiber traps are shown in either red or yellow.  
 2. Contractors shall field verify all dimensions prior to installing fiber cable.  
 3. See Sheet #1 for marked fiber cable slack measurements.

**PROJECT ENGINEER:**  
 Noah VanLuingham

**REVISIONS**

**PROPOSED FIBER INSTALLATION PLANS**  
**FIBER INSTALLATION PLAN MAPS**  
 SECTOR: NWCHIL2050  
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**F2**

SHEET:



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**SUBMITTED FOR PERMITTING**

**Broadband**  
 622 High Point Lane  
 East Berlin, Illinois  
 (309) 670-0400 ext. 400  
 broadbandand.com



PCS USA Commercial Equipment Clinic  
 SCALE: 1"=60' = 60 FEET Max  
 SHEET NOTES  
 1. Fiber colors and sizes are shown as either red or orange. Fiber color shall be indicated on proposed conduit.  
 2. Conduit shall field verify all dimensions prior to installing fiber cable.  
 3. See sheet #1 for marked fiber cable size tolerances.

PROJECT ENGINEER:  
 Noah VanLathigham

REVISIONS

**PROPOSED FIBER INSTALLATION PLANS**

**FIBER INSTALLATION PLAN MAPS**

SECTOR: NWCHIL2050

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**F4**

SHEET:

Facilities leaving project boundaries shown only for reference. Only facilities entirely inside of project scope unless otherwise specified.



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**Broadband**  
 602 High Point Lane  
 East Peoria, Illinois  
 (309) 675-9400 ext. 400  
 sbroadband.com



SCALE: 1"=60'-0"

**SHEET NOTES:**  
 1. Fiber cables and taps are shown as offset from easement ONLY. Fiber shall be installed within proposed conduit.  
 2. Contractors shall field verify all dimensions prior to installing fiber cable.  
 3. See Sheet #1 for numbered fiber cable slack requirements.

**PROJECT ENGINEER:**  
 Noah VanLaningham

**REVISIONS**

**PROPOSED FIBER INSTALLATION PLANS**  
**FIBER INSTALLATION PLAN MAPS**  
 SECTOR: NWCHIL2050  
 Printed: 1/28/2025  
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**F5**

SHEET:

Facilities leaving project boundaries shown only for reference. Only facilities entirely inside of project boundaries to be considered part of the project scope unless otherwise specified.



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602 High Point Lane  
East Peoria, Illinois  
(309) 670-0400 ext. 400  
ibroadband.com



PCS, USA, Compucon, Eveready, Corik  
SCALE: 1"=40' = 50 FEET  
SHEET NOTES:  
1. Fiber cables and traps are shown as either  
proposed or installed. Fiber shall be installed  
within proposed conduit.  
2. Conduits shall field verify all dimensions  
prior to installing fiber cable.  
3. See Sheet M for installed fiber cable  
requirements.

PROJECT ENGINEER:  
Noah VanLamghem  
REVISIONS

**PROPOSED FIBER INSTALLATION PLANS**  
**FIBER INSTALLATION PLAN MAPS**  
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SECTOR: NWCHIL2050

SHEET:  
**F6**