

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. City of Lake in the Hills

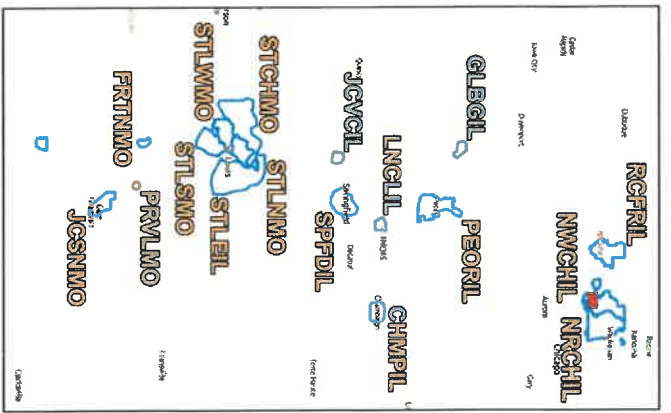
i3Broadband - Engineering Department
PHONE: (309) 670-0400 ext. 400
EMAIL: engineering@i3broadband.com
Project Designer: **Joe Carrington**
Const. Manager: **Laurie MacDonald**
Market Manager: **Coty Keosprasa**

811 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: NWCHIL2053
Bore Footage: 10586
Passings: 198



Printed: 1/2/2025
Time: 10:00 AM

**SUBMITTED
FOR PERMITTING**

INDEX OF SHEETS

CI	Cover Sheet
NI	Index, General Notes, and Commitments Sheet
NT1	Typical Vault Details Sheet
DT2	Typical Vault Installation Details Sheet
L1	Symbol Reference Legend Sheet
PO1	Project Overview Map
D1 - D4	Duct and Vault Installation Maps
FI - F4	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 supercede 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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600 High Park Lane
 East Troy, WI 53122
 (399) 670-2400 ext. 400
 13broadband.com

RESERVED
 FOR SHEET
 NORTH ARROW
 AND SCALE

PROJECT ENGINEER:
 Joe Carrington

REVISIONS

/	124	1	No. _____
/	124	1	No. _____
/	124	1	No. _____
/	124	1	No. _____

PROPOSED FIBER INSTALLATION PLANS

INDEX, GENERAL NOTES, AND COMMITMENTS

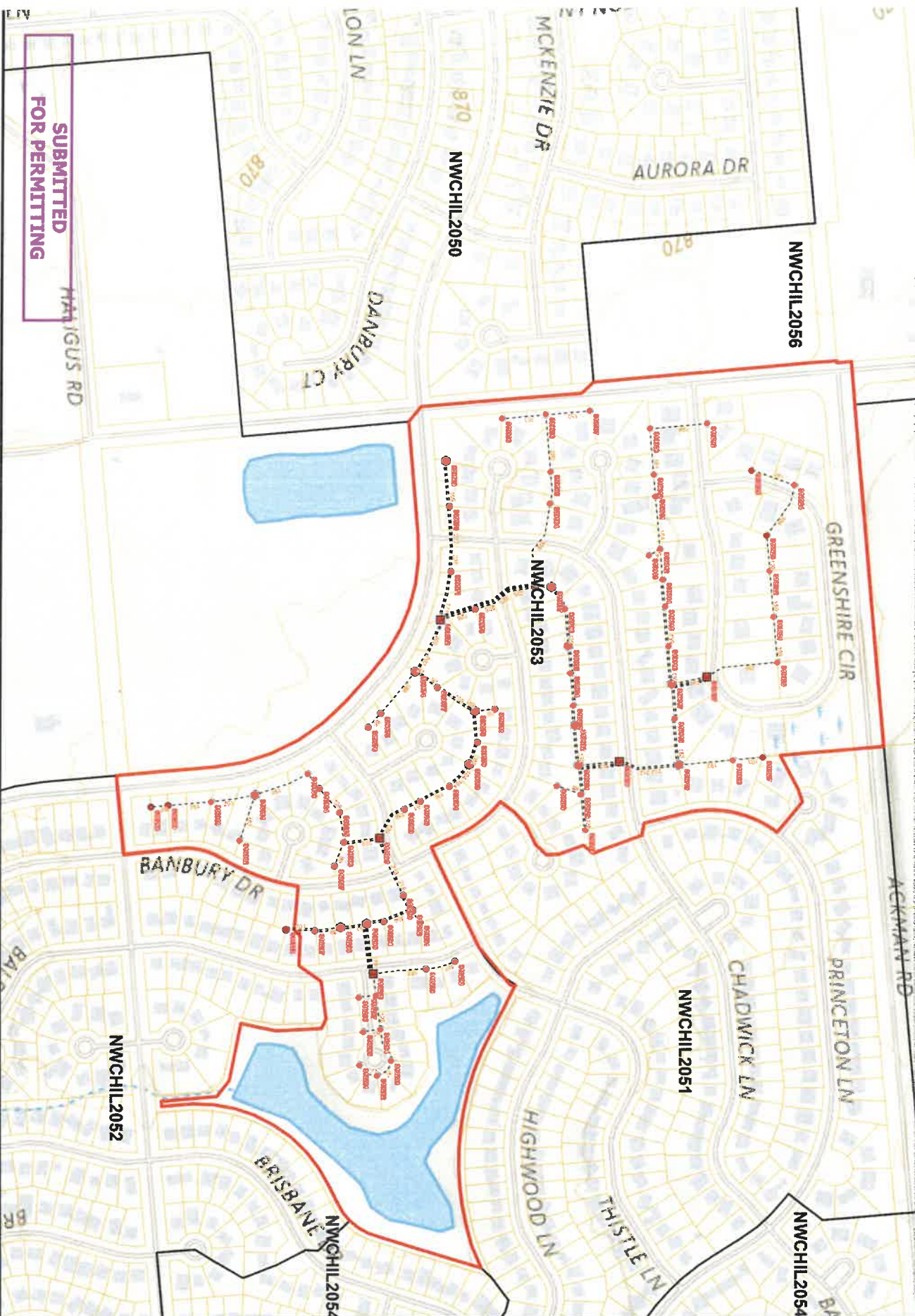
SECTOR: NWCHIL2053

Printed: 1/7/2025
 Time: 9:25 AM

SHEET

N1

Project: C:\Users\james@broadband.com\Documents\Projects\NWCHIL2053\NWCHIL2053.dwg
Scale: 1:1000
Date: 1/7/2025
Time: 8:56 AM



Broadband
802 High Point Lane
PO Box 1000
Chapel Hill, NC 27514
(336) 275-1000
@broadband.com

Scale: 1:1000 = 157 FEET
N
PCN: USA Compass Equatorial Grid

PROJECT ENGINEER:
Joe Carrington

REVISIONS
1 / 24 No. _____
1 / 24 No. _____
1 / 24 No. _____

PROPOSED FIBER INSTALLATION PLANS
PROJECT OVERVIEW (INDEX) MAP
SECTOR: NWCHIL2053
Printed: 1/7/2025
Time: 8:56 AM

SHEET:
PO1

Project: C:\Users\james@broadband.com\Documents\Projects\NWCHIL2053\NWCHIL2053.dwg
Scale: 1:1000
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Time: 8:56 AM

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
 603 High Point Lane
 East Lansing, Illinois
 (209) 670-0400 ext. 400
 [broadband.com]

PROPOSED FIBER INSTALLATION PLANS
FIBER INSTALLATION PLAN MAPS
 SECTOR: NWCHIL2053

Printed: 1/7/2025
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REVISIONS

1	1/24	No.	
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1	1/24	No.	

Joe Carrington
 PROJECT ENGINEER

1. Method of road installation shall be as shown on the plans or as otherwise noted on the plans or special permitting commitments (see Section 10).

2. Additional conduit locations (other than those shown on the plans) shall be shown on the plans. Additional ducts shall follow the same general layout as the primary duct.

300 DUCT MIN. EXIST. TO 10x16x8.5

400 DUCT 20x20 MIN. EXIST. TO 10x16x8.5

SCALE: 1 INCH = 50 FEET
 SHEET: D1

new path: C:\Users\jmcarrington\Documents\Templates\17 - NWCHIL2053\01_Templates_17-19107_Template.dwg

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.



13 Broadband
 602 High Point Lane
 East Peoria, Illinois
 (309) 670-0460 ext. 400
 lbrn@broadband.com

SHEET NOTES:
 1. See Sheet 012 for typical road crossing and drive-in details.
 2. Method of rodent installation shall be determined by the contractor. REFER TO THE PLAN OR SECTIONAL PERMITTING COMMENTS (See Section 101).
 3. Additional grade locations (Other than shown) shall be determined by the contractor. ONLY Additional details shall follow the same format as shown as the Primary Data.
PROJECT ENGINEER:
 Joe Carrington

REVISIONS	
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PROPOSED FIBER INSTALLATION PLANS

FIBER INSTALLATION PLAN MAPS

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SECTOR: NWCHIL2053

SHEET: **D2**

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SUBMITTED FOR PERMITTING

13 Broadband
 607 High Point Lane
 East Peoria, Illinois
 (309) 670-0400 ext. 400
 13broadband.com



NOTES:
 1. See Sheet D17 for fiber road crossing and duct details.
 2. Method of grade installation shall be as shown on the plans unless otherwise noted on the plans or in the notes.
 3. Additional grade options (other than shown) shall be approved by the Engineer.
 4. Additional ducts shall follow the same alignment as the primary duct.
 5. All work shall be done in accordance with the current edition of the IBC.

PROJECT ENGINEER:
 Joe Carington

REVISIONS
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PROPOSED FIBER INSTALLATION PLANS

FIBER INSTALLATION PLAN MAPS

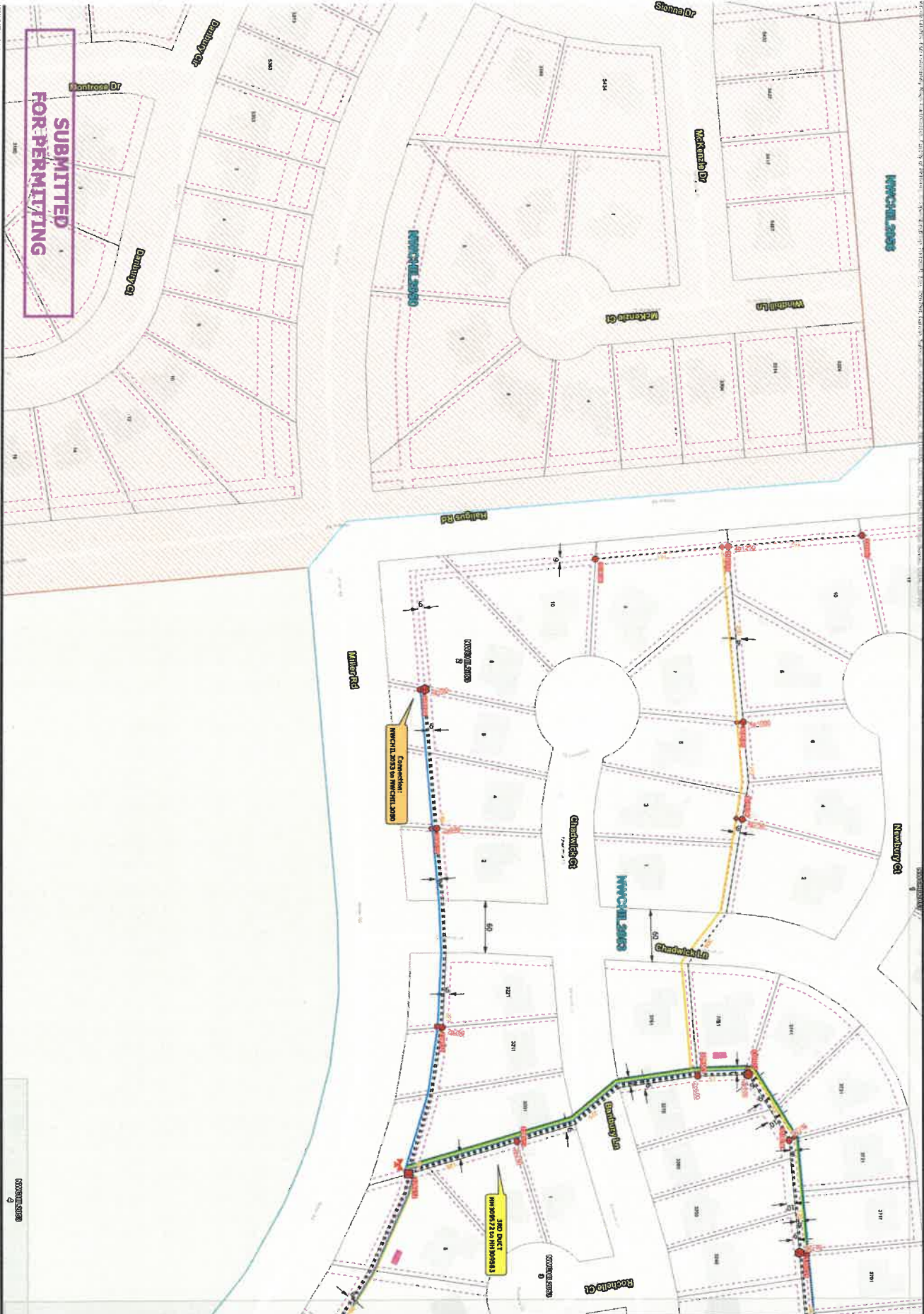
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SECTOR: NWCHIL2053

D3

SHEET:

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Broadband
 602 High Point Lane
 East Peoria, Illinois
 (309) 670-4400 ext. 400
 lbroadband.com



SHEET NOTES:
 1. Fiber cables and duct are shown as colored lines. Fiber cables are shown as colored lines with red dots. Red dots are shown as colored lines with red dots. Red dots are shown as colored lines with red dots.
 2. Contractor shall field verify all dimensions prior to installing fiber cable.
 3. See Sheet N1 for installed fiber cable slack requirements.

PROJECT ENGINEER:
 Joe Carrington

REVISIONS
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PROPOSED FIBER INSTALLATION PLANS
FIBER INSTALLATION PLAN MAPS
 Printed: 1/7/2025
 Time: 9:17 AM
 SECTOR: NWCHIL2053

F2

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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.



SUBMITTED FOR PERMITTING

Broadband
 602 High Point Lane
 East Peoria, Illinois
 (309) 670-0400 ext. 400
 1broadband.com

SCALE: 1"=50' = 50 FEET
 NCS USA Composites Evolution Corp.

- SHEET NOTES:**
1. Fiber cables and legs are shown as other facilities shown on this plan. Fiber shall be installed in accordance with the manufacturer's instructions.
 2. Contractor shall field verify all dimensions prior to installing fiber cable.
 3. See Sheet 04 for installed fiber cable slack requirements.

PROJECT ENGINEER:
 Joe Carrington

REVISIONS
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PROPOSED FIBER INSTALLATION PLANS

FIBER INSTALLATION PLAN MAPS

Printed: 1/7/2025
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SECTOR: NWCHIL2053

SHEET
F3

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.



SUBMITTED FOR PERMITTING

802 High Point Lane
East Point, Illinois
(309) 570-0400 ext. 400
Ibroadband.com



SCALE: 1"=50' & 50' FEET
PDS: USA, Commercial Building, Circuit
SHEET NOTES:
1. Fiber routes and ducts are shown as color representation ONLY. Fiber shall be installed within proposed conduit.
2. Contractor shall field verify all dimensions prior to installing fiber optic.
3. See Sheet N1 for installed fiber optic and requirements.

PROJECT ENGINEER:
Joe Carrington

REVISIONS
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1 / 24 No. _____
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1 / 24 No. _____

PROPOSED FIBER INSTALLATION PLANS

FIBER INSTALLATION PLAN MAPS

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SECTOR: NWCHIL2053

SHEET: **F4**