

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

Project Description:
Residential fiber buildout

Geographic Information:

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

List of Permitting Authorities:

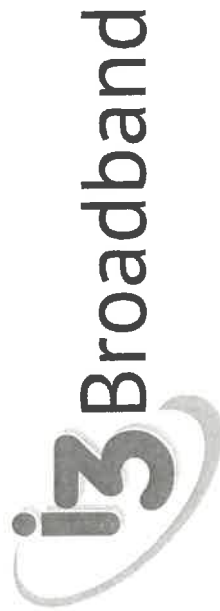
1. Village of Lake in the Hills
2. None
3. None
4. None
5. None
6. None

i3Broadband - Engineering Department
PHONE: (309) 670-0400 ext. 400
EMAIL: engineering@i3broadband.com

Project Designer: **Steven Berchtold**
Const. Manager: **Nemanja Stanojevic**
Market Manager: **Coty Keoprasa**

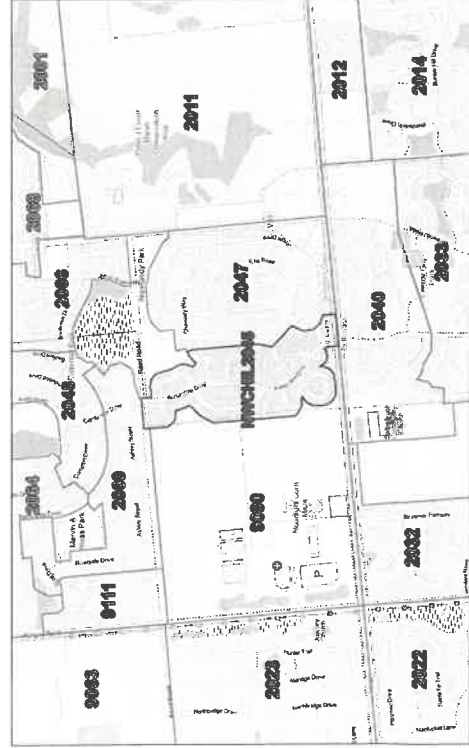
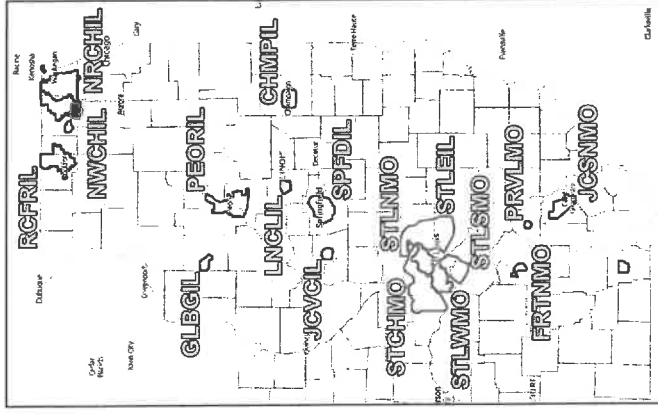
811
FOR LOCATING SERVICES
CALL: (800) 892-0123 (IL)
(800) 344-7483 (MO)
or 811 (US)

Printed: 4/10/2025
Time: 12:37 PM



PLANS FOR PROPOSED FIBER INSTALLATION

Market: NWCHIL
Chassis: NWCHILMXKC03
Sector: NWCHIL2045
Bore Footage: 11675
Passings: 234



**SUBMITTED
FOR PERMITTING**

INDEX OF SHEETS

CI	Cover Sheet
NI	Index, General Notes, and Commitments Sheet
DT1	Typical Vault Details Sheet
DT2	Typical Vault Installation Details Sheet
LI	Symbol Reference Legend Sheet
PO1	Project Overview Map
D1 - D3	Duct and Vault Installation Maps
F1 - F3	Fiber Installation Maps

SPECIAL PERMITTING COMMITMENTS

Lake in the Hills
No specific requirements.

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 i3Broadband 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 i3 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 i3 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.
8. The **CONTRACTOR** shall be required to comply with all Federal, State, and Local laws/ordinances, in addition to all i3Broadband contract documents.

**SUBMITTED
FOR PERMITTING**

RESERVED
FOR SHEET
NORTH ARROW
AND SCALE

PROJECT ENGINEER:

Steven Berthold

REVISIONS

/ /24 | No. _____

/ /24 | No. _____

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PROPOSED FIBER INSTALLATION PLANS

INDEX, GENERAL NOTES, AND COMMITMENTS

Printed: 4/10/2025
Time: 12:42 PM

SECTOR: NWCHIL2045

SHEET:

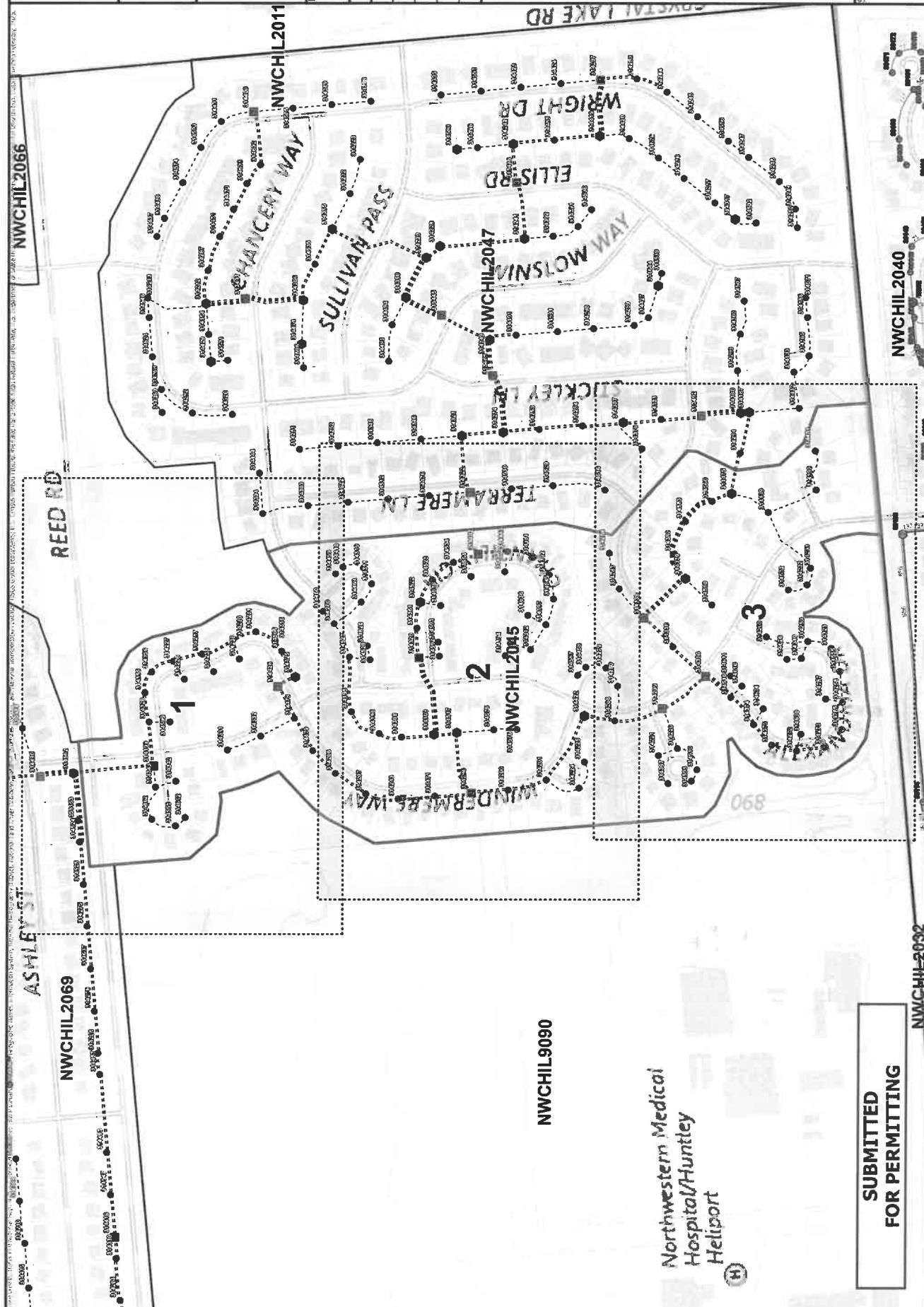
N1

SYMBOL REFERENCE LEGEND

CONSTRUCTION

- Duct/Conduit**
- Primary
 - Secondary
 - Third Order
 - Fourth Order
 - In Building
 - call other values>
- Shelters**
- Shelters
 - Shelters
- Cabinets**
- Cabinets
- Vault/Handholes**
- Pedestrian Rated**
- Unknown Size (Pedestrian)
 - HH 0 (12x12 or eq.)
 - HH 1 (16x14 or eq.)
 - HH 2 (16x20 or eq.)
 - HH 3 (16x30 or eq.)
 - HH 4 (24x18 or eq.)
 - HH 5 (24x30 or eq.)
 - HH 6 (24x36 or eq.)
- Tier 15 Rated**
- Unknown Size (Tier Rated)
 - HH 1 (12x12 or eq.)
 - HH 1 (16x14 or eq.)
 - HH 2 (16x20 or eq.)
 - HH 3 (16x30 or eq.)
 - HH 4 (24x18 or eq.)
 - HH 5 (24x30 or eq.)
 - HH 6 (24x36 or eq.)
 - HH 7 (36x30 or eq.)
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 - HH 485 (7248x7296 or eq.)
 - HH 486 (7296x7248 or eq.)
 - HH 487 (7296x7296 or eq.)
 - HH 488 (7296x7344 or eq.)
 - HH 489 (7344x7296 or eq.)
 - HH 490 (7344x7344 or eq.)
 - HH 491 (7344x7392 or eq.)
 - HH 492 (7392x7344 or eq.)
 - HH 493 (7392x7392 or eq.)
 - HH 494 (7392x7440 or eq.)
 - HH 495 (7440x7392 or eq.)
 - HH 496 (7440x7440 or eq.)
 - HH 497 (7440x7488 or eq.)
 - HH 498 (7488x7440 or eq.)
 - HH 499 (7488x7488 or eq.)
 - HH 500 (7488x7536 or eq.)
 - HH 501 (7536x7488 or eq.)
 - HH 502 (7536x7536 or eq.)
 - HH 503 (7536x7584 or eq.)
 - HH 504 (7584x7536 or eq.)
 - HH 505 (7584x7584 or eq.)
 - HH 506 (7584x7632 or eq.)
 - HH 50

PROJECT ENGINEER:	Steven Berthold
REVISIONS	
/ 24 No.	
/ 24 No.	
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/ 24 No.	
/ 24 No.	



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NWCCHIL-2092



SHEET NOTES:
 1. See Sheet 07 for typical road crossing and bore pit details.
 2. Method of conduit installation shall be determined by the contractor. ALL WORK SHALL BE IN ACCORDANCE WITH THE ILLINOIS SPECIAL PERMITTING COMMITMENTS (See Sheet 04).
 3. Additional conduit locations (other than those shown) shall be determined by the contractor. ALL ADDITIONAL SIZES SHALL FOLLOW THE SAME GENERAL BORE-PATH AS THE PRIMARY DUCT.

PROJECT ENGINEER:
 Steven Berchold

REVISIONS	
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PROPOSED FIBER INSTALLATION PLANS
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 Time: 12:30 PM

SECTOR: NWCHIL2045

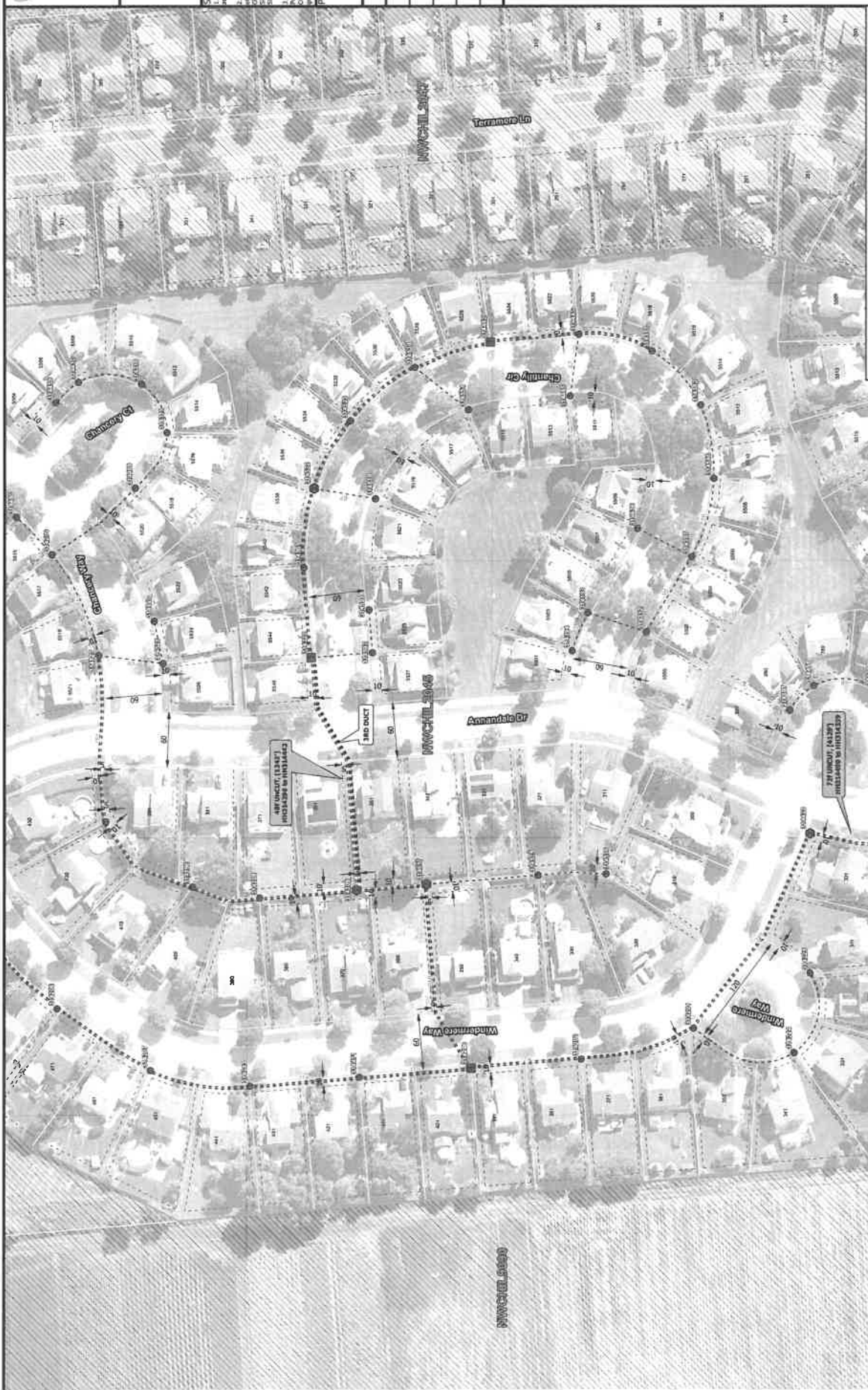
SHEET: **D1**



**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

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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.

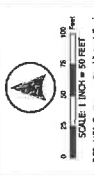
SUBMITTED FOR PERMITTING

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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.**

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SHEET NOTES:
 1. Fiber routes shown are for reference only. Final route shall be determined by field verification and field representation ONLY. Fiber shall be installed within proposed conduit.
 2. Contractor shall verify all dimensions prior to installing fiber ducts.
 3. See Sheet N1 for finished floor cable slack requirement.

PROJECT ENGINEER:
 Steven Berchtold

REVISIONS

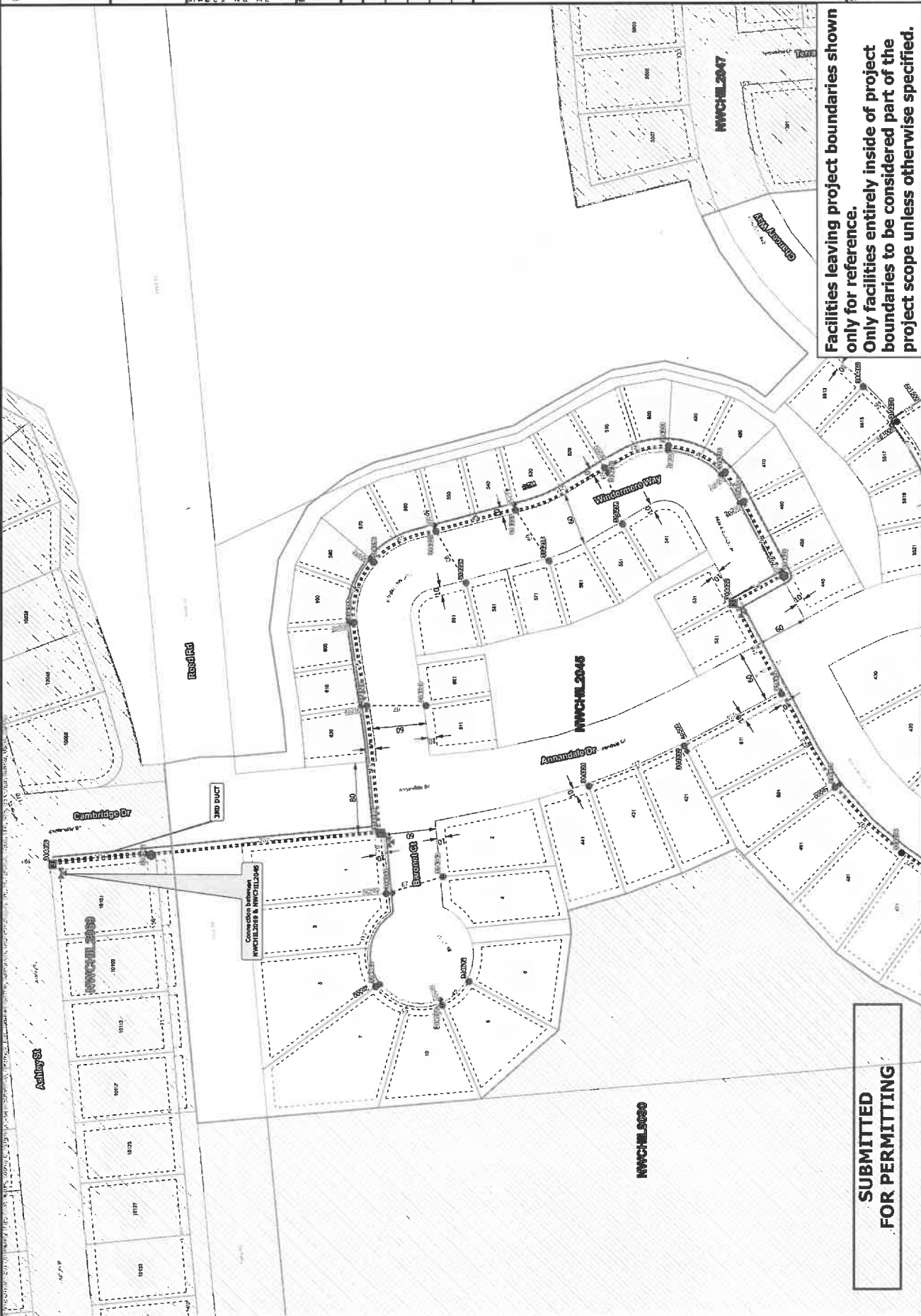
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PROPOSED FIBER INSTALLATION PLANS
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SECTOR: NWCHIL2045

SHEET:

F1



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SHEET NOTES:
 1. Fiber cables and loops are shown as offset from proposed conduit for cartographic clarity. They shall be installed when proposed conduit.
 2. Contractor shall field verify all dimensions prior to installing fiber cable.
 3. See Sheet M1 for installed fiber cable book requirements.

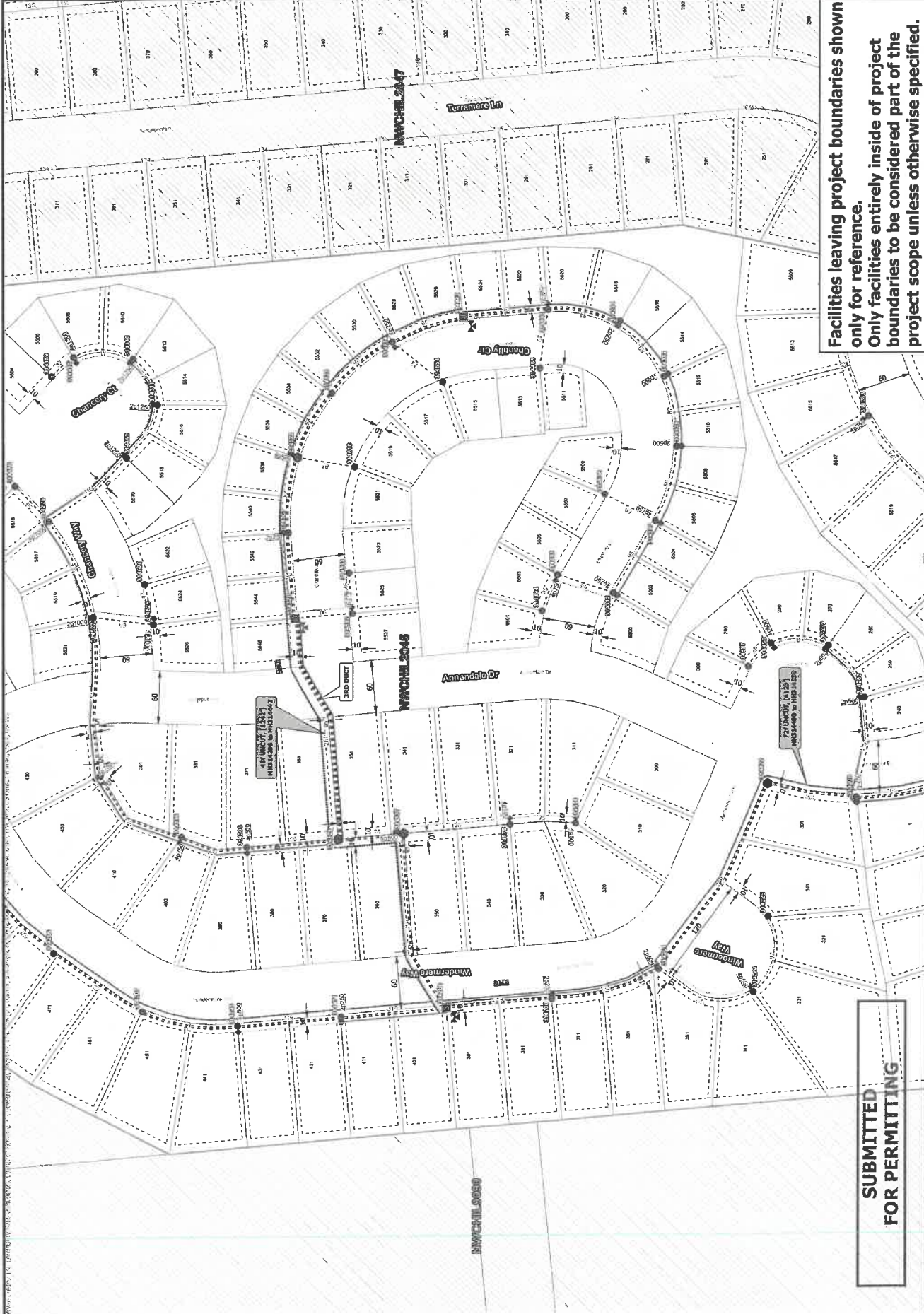
PROJECT ENGINEER: Steven Berthold

REVISIONS	
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PROPOSED FIBER INSTALLATION PLANS
FIBER INSTALLATION PLAN MAPS
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SECTOR: NWCHIL2045

SHEET: **F2**



**Facilities leaving project boundaries shown only for reference.
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