

April 26, 2018

Connecticut Siting Council
Executive Director / Staff Attorney
10 Franklin Square
New Britain, CT 06051

RE: Notice of Exempt Modification—761 Federal Road, Brookfield, CT 06804— SITE ID: CT54XC713

#### To Whom It May Concern:

- SAC Wireless, on behalf of Sprint, is requesting the necessary approvals from Connecticut Siting Council (CSC) our scope of work for an existing Sprint facility located at – 761 Federal Road, Brookfield, CT 06804/CT54XC713. Scope of work is as follows:
  - Sprint is proposing to install fiber at the telecommunication facility located at the above address.
  - No tower work will be performed; only ground work. Therefore, no structural analysis or RF analysis required
  - O Site is located at the coordinates (Lat/Long): 41.478781, -73.408288
  - o The underlying property owner of the site is Connecticut Light and Power Company
- RF Engineers have determined this minor modification is required to help increase the network for the residents and the workforce within the local jurisdiction by offering faster data transfer speeds, fewer dropped calls and higher capacity.
- CSC, please e-mail me any receipts for application fees and/or fees due after plan review, prior to permit issuance. If any questions or concerns arise, please contact me at (312) 858-3641.
- We greatly appreciate your help with this proposed Sprint facility upgrade.

CC:

| Town of Brookfield | Town of Brookfield  | Town of Brookfield                 | Connecticut Light  |
|--------------------|---------------------|------------------------------------|--------------------|
| First Selectman -  | Planning            | Zoning Commission                  | and Power          |
|                    | _                   | •                                  |                    |
| Stephen C. Dunn    | Commission – Land   | <ul><li>Zoning Officer –</li></ul> | Company            |
| 100 Pocono Road    | Use Director -Alice | Francis Lollie                     | Henry O'Brian      |
| Brookfield, CT     | Dew                 | 100 Pocono Road                    | PO BOX 2957        |
| 06804 United       | 100 Pocono Road     | P.O. Box 5106                      | Hartford CT 06104- |
| States             | PO Box 5106         | Brookfield, CT                     | 2957               |
|                    | Brookfield, CT      | 06804 United                       |                    |
|                    | 06804 United        | States                             |                    |
|                    | States              |                                    |                    |

Best Regards,

Layman See Luyman

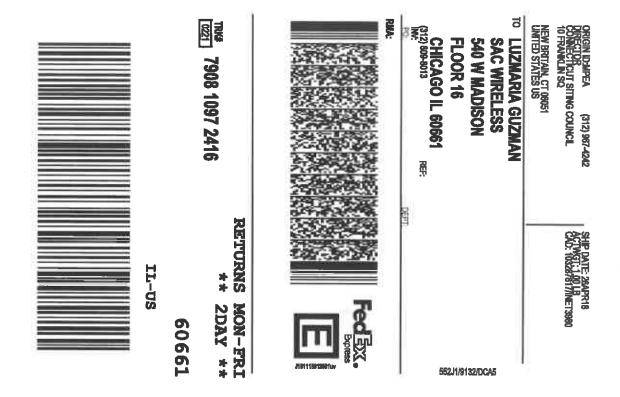
Luzmaria Guzman | Zoning and Permitting Specialist | O: (312) 858-3641 SAC Wireless, 540 W. Madison, 16th Floor, Chicago, IL 60661 luzmaria.guzman@sacw.com | www.sacw.com



After printing this lebel: CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH

Fold the printed page along the horizontal line.
 Place label in shipping pouch and affix it to your shipment.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, miscelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



After printing this label: CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH

Fold the printed page along the horizontal line.
 Place label in shipping pouch and affix it to your shipment.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, demage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Meximum for items of extraordinary value is \$1,000, e.g. jewelry, pracious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



#### **Return Shipment Instructions**

- 1. Place the shipping label on the container's most visible side away from seams.
- 2. Ship your package one of three ways:
  - Use your regular echeduled pickup.
  - Drop off at FedEx. Find your closest location at fedex.com/locate or by calling 1.800.GoFedEx 1.800.463.3339
  - Schedule a pickup. No account number required but label information may be needed. Go to fedex.com/returnpickup for FedEx Ground labels with "G" or "PRP" or call 1.800.GoFedEx 1.800.463.3339 and say:
    - o "Return Manager" or "PRP" for FedEx Ground labels with "G" or "PRP"
    - o "Express Return" for FedEx Express labels with "E" or "Billable Stamp"

#### Prepare Your Package With Care.

- Use an appropriate container, cushioning materials and at least three strips of packing tape.
- If reusing packaging, remove or black out old shipping labels including their barcode(s).

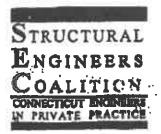
Special instructions from the merchant:

## TOWN OF BROOKFIELD



# CERTIFICATE OF SUBSTANTIAL COMPLIANCE

| Architect of Record: Engineer of Record: Engineer of Record: Mag       | uire Group Inc  Kyle Turschman    | the above-described project has been f Connecticut Basic Building Code and of and approved variances are indicated belong Registration Number:  Registration Number:  Registration Number:  16493  the above-described project was built in a Minor deviations are noted and listed |
|--|-----------------------------------|---|
| Architect of Record: Engineer of Record: Mag                           | uire Group Inc  Kyle Turschman    | Connecticut Basio Building Code and of and approved variances are indicated bel Registration Number:  Registration Number: 16493  |
| Architect of Record: Engineer of Record: Mag                           | uire Group Inc  Kyle Turschman    | Registration Number: 16493  |
| Engineer of Record: Mag  | Kyle Turschman                    | Registration Number: 16493  |
| HS IS TO CERITEY THAT to the   | Kyle Turschman                    |   |
| IIS IS TO CERTIFY THAT to the cordance with the plans and specific ow: | here of my boundades as 21 th a . | the above-described project was built in a. Minor deviations are noted and listed   |
| *  | A                                 |   |
|  | General Contractor                | u Cul 3/22/   |
|  | Authorized Agent                  | Date  |
|  | Title                             | Date  |
| ž.   |                                   |   |
| eived by   |                                   |   |
| BROOKFIELD BUILDING  |                                   |   |



### Statement of Special Inspections

|   | !     | حا | -4- |
|---|-------|----|-----|
| ٣ | [ • j |    | CL. |

Proposed Wireless Facility - Brookfield Powermount

Location:

Route 7, Brookfield, CT

Owner: -

Connecticut Light & Power

Owner's Address:

107 Selden Street

Newington, CT

Architect of Record: Maguirre Group Inc.

Structural Engineer of Record: Maguire Group Inc. - Kyle Turschman

This Statement of Special Inspections is submitted as a condition for permit issuance in accordance with the Special Inspection requirements of the BOCA National Building Code. It includes a Schedule of Special Inspection Services applicable to this project as well as the name of the Special Inspector and the identity of other approved agencies intended to be retained for conducting these inspections.

The Special inspector shall keep records of all inspections and shall furnish inspection reports to the Building Official, Structural Engineer and Architect of Record. Discovered discrepancies shall be brought to the immediate attention of the Contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official, Structural Engineer and Architect of Record. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted to the Building Official, Owner, Structural Engineer and Architect of Record.

A Final Report of Special Inspections documenting completion of all required Special Inspections and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of a Certificate of Use and Occupancy.

| Job eite safety and means and methods of co<br>Interim Report Frequency: | onstruction are solely the resp | onsibility of the Contractor.  or 🖾 per attached schedule.   |
|--|---------------------------------|--|
| Prepared by:   |                                 | OF CONNEC  |
| Kyle A. Turschman, P.E. (type or print name)                             |                                 | STATE OF THE PARTY |
| <u>k</u> 1   | 201                             | 9 No. 18493  |
| Kyle a Turschman<br>Signature  | 4/18/01                         | SS/ONAL ES   |
| Owner's Authorization:   | Building Official's             | Design Professional Seal Acceptance:   |
| Add tites an Accordage amounts.  | -                               | •  |
| Signature Da   | Signature                       | Date   |

#### Project:

## Schedule of Special Inspection Services

The following sheets comprise the required schedule of special inspections for this project. The construction divisions which require special inspections for this project are as follows:

| X | Soils and Foundations                        | Cold-Formed Steel Framing             |
|---|--|---------------------------------------|
| M | Soils and Foundations Cast-in-Place Concrete | Spray Fire Resistant Material         |
| ō | Precest Concrete                             | ☐ Wood Construction                   |
| Ō | Masonly                                      | Exterior insulation and Finish System |
|   | Masonry<br>Structural Stani                  | Special Cases                         |

| Firm  | Address  |
|---|--|
| Maguire Group Inc.                                    | 1 Court Street<br>New Britain, CT 06051  |
| Eastern Materials Testing                             | 114 Woodlawn Road<br>Berlin, CT 06037  |
|   |  |
| Maguire Group Inc. Construction Management Department | I Court Street<br>New Britain, CT 06051  |
|   | Maguire Group Inc.  Eastern Materials Testing  Maguire Group Inc.  Construction Management |

Note: The qualifications of all personnel performing Special Inspection activities are subject to the approval of the Building Official.

The inspection and testing agent shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official, prior to commencing work.

The credentials of all inspectors and testing technicians shall be provided if requested.

It is recommended that the person administering the Special inspections program be a Professional Engineer experienced in the design of buildings.

|      | Key for Minimum Qualifications of Inspection Agents (where indicated on Schedules) |
|------|--|
| PE   | Professional Engineer  |
| EIT  | Engineering in Training  |
| ACI  | American Concrete Institute Certified Concrete Field Testing Technician            |
| AWS  | American Welding Society Certified Welding Inspector                               |
| ASNT | American Society of Non-Destructive Testing - Level II or III                      |

Qualifications of inspection agents may be indicated on the Schedule in Instances where the Structural Engineer deems such requirements are appropriate.

| form   | Agent No.<br>(Qualif.) | Scope  |
|--|------------------------|--|
| 1. Shallow Foundations .                       | 1                      | Observe subgrade preparation i.e., Bearing strata.  Confirm bearing strata elev., condition, |
| 2. Controlled Structural Fill<br>1705.7        | N/A                    | -  |
| 3. Deep Foundations<br>1706.8; 1705.9; 1816.13 | N/A                    |  |
| 4. Other                                       |                        |  |

#### Project:

| ite            | m   | Agent No.<br>(Qualif.) | Scope  |
|----------------|---|------------------------|--|
| 1.             | Mix Design <sup>1</sup><br>1705:4:1                         | 4                      | Review concrete mix design to ensure compliance with project specifications. |
| 2.             | Material Certification <sup>1</sup><br>1705.4.1             |                        |  |
| 3.             | Reinforcement installation <sup>2</sup><br>1705.4.2         | 4                      | Review steel reinforcement to ensure compliance with project specifications. |
| 4.             | Post-Tensioning Operations <sup>3</sup><br>1705.4.5         |                        |  |
| 5,             | Batching Plant <sup>4</sup><br>1705,4.4                     |                        |  |
| <del>3</del> . | Formwork Geometry<br>CT 1705.4.3                            |                        |  |
| 7.             | Concrete Placement <sup>8</sup><br>1705.4.4                 |                        |  |
|                | Evaluation of Concrete<br>Strength <sup>6</sup><br>1705.4.4 | 2                      | Prepare four (4) test cylinders on every 50 cy of concrete placed.           |
| 2,             | Curing and Protection <sup>2</sup><br>1705.4.4              |                        | •  |
| 10.            | Other   |                        |  |
|                | . =   |                        |  |

#### Project:

- 1. ACI 318-95, Building Code Requirements for Structural Concrete, Chapter 3.
- 2. ACI 318-85, Building Code Requirements for Structural Concrete, § 7.4, 7.5, 7.8 and 7.7.
- 3. ACI 318-95, Building Code Requirements for Structural Concrete, § 18.18.
- 4. ACI 318-95, Building Code Requirements for Structural Concrete, Chapter 4 and § 5.2, 5.3, 5.4 and 5.8.
- 5. ACI 318-95, Building Code Requirements for Structural Concrete, § 5.9 and 5.10.
- 6. ACI 318-95, Building Code Requirements for Structural Concrete, § 5.6.
- 7. ACI 318-95, Building Code Requirements for Structural Concrete, § 5.11, 5.12 and 5.13:
- 8. ACI 530.1 / ASCE 6 / TMS 602 -- 95, Specifications for Makonry Structures, § 2.3.
- 9. ACI 530.1 / ASCE 6 / TMS 602 95, Specifications for Mesonry Structures, § 2.6.
- 10. ACI 530.1 / ASCE 6 / TMS 602 95, Specifications for Mesonry Structures, § 3.2.
- 11. ACI 530 / ASCE 5 / TMS 402 95, Building Code Requirements for Masonry Structures, Chapter 8.
- 12. ACI 530.1 / ASCE 6 / TMS 602 95, Specifications for Mesonry Structures, § 3.5.
- 13. ACI 530.1 / ASCE 6 / TMS 602 95, Specifications for Masonry Structures, § 1.8.
- 14. ACI 530.1 / ASCE 6 / TMS 602 -- 95, Specifications for Mesonry Structures, § 1.4.
- 15. ACI 630 / ASCE 5 / TMS 402 95, Building Code Requirements for Masonry Structures, § 4.2 and 5.14.
- 16. AISC ASD 89, Specification for Structural Steel Buildings Allowable Stress Design and Plastic Design, § A3.4 and A3.5.
- 17. AISC LRFD 93, Load and Resistance Factor Design Specification for Structural Steel Buildings, § A3.3 and A3.5.
- 18. ASTM AS 95c, Specification for General Requirements for Rolled Steel Plates, Shapes, Sheet Piling, and Bars for Structural Use.
- ASTM A568 95, Specification for Steel Sheet, Carbon and High-Strength, Low-Alloy, Hot-Rolled and Cold Rolled, General Requirements For.
- 20. RCSC 85 (88), Specification for Structural Joints Using A325 or A490 Boltz, § 9.
- 21. AWS D1.1 92, Structural Welding Code Steel, § 6.
- 22. AWS D1.1 92, Structural Welding Code Steel, § 7.8.

SPRINT AUGMENT ID: **SPRINT SITE CASCADE:** 

**SPRINT SITE NAME:** 

**TOWER TYPE:** LANDLORD SITE ID: CT54XC713F17.1 CT54XC713

**NU POLE #2683 - BROOKFIELD** 

**UTILITY POLE** 

#2683

SITE ADDRESS: 761 FEDERAL ROAD

**BROOKFIELD, CT 06804** 

**FAIRFIELD** COUNTY:

JURISDICTION: CITY OF BROOKFIELD

#### SITE INFORMATION CT54XC713

#2683

SPRINT SITE CASCADE: SPRINT SITE NAME: LANDLORD SITE ID: SITE ADDRESS:

COUNTY: MAP/PARCEL #: LATITUDE: LONGITUDE: LAT/LONG TYPE: GROUND ELEVATION: CURRENT ZONING:

A.D.A. COMPLIANCE:

PROPERTY OWNER:

CARRIER/APPLICANT:

761 FEDERAL ROAD BROOKFIELD, CT 06804 FAIRFIELD

MAP: D08 LOT: 060 41° 28′ 43.67″ N 73° 24' 29.92" W NAD '83 290'± AMSL N/A CITY OF BROOKFIELD FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION

NU POLE #2683 - BROOKFIELD

CONNECTICUT LIGHT & POWER COMPANY 107 SENDEN ST. BERLIN, CT 06037

6580 SPRINT PARKWAY OVERLAND PARK, KS 66251

ELECTRIC PROVIDER: FIBER PROVIDER LIGHTOWER

## DRAWING INDEX DESCRIPTION SHEET REV TITLE SHEET T-1 $\Delta\Delta V = 1$ DARK FIBER SITE PLANS DARK FIBER EQUIPMENT DETAILS & SITE PHOTOS

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 11X17. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME

# LOCATION MAP -0 0 NOT TO SCALE NORTH

DIRECTIONS FROM WATERBURY OXFORD AIRPORT:

DEPART WATERBURY OXFORD AIRPORT. GET ON 1-84 IN SOUTHBURY FROM AIRPORT ROAD AND CT-188 N. HEAD NORTH ON AIRPORT ACCESS RD TOWARDS TARBY LN.
CONTINUE ONTO AIRPORT ROAD. TURN RIGHT ONTO CT-188 N. TURN LEFT ONTO THE 1-84 W SLIP ROAD TO DANBURY. FOLLOW 1-84 TO CT-25 N IN NEWTOWN. TAKE EXIT 9
FROM 1-84. MERGE ONTO 1-84. TAKE EXIT 9 FOR CT-25 TOWARDS BROOKFIELD. TAKE OBTUSE RD, CT-133 S AND CT-25 N TURN RIGHT ONTO CURRITUCK RD. TURN LEFT ONTO OBTUSE RD. TURN LEFT TO STAY ON OBTUSE RD. TURN LEFT ONTO US-202 W. DESTINATION WILL BE ON THE LEFT.

#### PROJECT TEAM

SAC CONTACTS:

SAC WIRELESS 540 W. MADISON ST. 17th FLOOR CHICAGO, IL 60661 PHONE: (312) 895-4977

DANE KAATZ

SPRINT CONTACTS:

DANE P.KAATZ@SPRINT.COM

A&E FIRM:

WESTCHESTER SERVICES, LLC 604 FOX GLEN BARRINGTON, IL 60010 (847) 277-0070

#### PROJECT DESCRIPTION

SPRINT PROPOSES TO MODIFY AN EXISTING UNMANNED TELECOMMUNICATIONS FACILITY

- FIELD SERVICES TO INSTALL 25' OF NEW FIBER IN EXISTING 2" CONDUIT BETWEEN THE TELCO PPC CABINET AND THE MMBTS CABINET.
- SPRINT TO INSTALL 21' OF NEW 2" CONDUIT TO INTERCEPT THE SPRINT CONDUIT AT THE HAND HOLE
- SPRINT TO INSTALL A NEW WYE TAP AND NEW HAND HOLE OVER THE INTERCEPT

THE PARTIES ABOVE HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL CONSTRUCTION DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND ANY CHANGES AND MODIFICATIONS THEY MAY IMPOSE.

#### APPLICABLE CODES/REFERENCE DOCUMENTS

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

BUILDING/DWELLING CODE STRUCTURAL CODE MECHANICAL CODE PLUMBING CODE ELECTRICAL CODE FIRE/LIFE SAFETY CODE

2012 INTERNATIONAL BUILDING CODE TIA-222 - G ADDENDUM NO. 2 2012 INTERNATIONAL BUILDING CODE 2012 INTERNATIONAL BUILDING CODE 2011 INTERNATIONAL ELECTRICAL CODE - NFPA 70 2012 INTERNATIONAL BUILDING CODE 2016 CT STATE BUILDING CODE 2016 CT STATE FIRE SAFETY CODE

IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL

#### INSTALLER NOTE

REFERENCE LATTEST SPRINT CONSTRUCTION STANDARDS



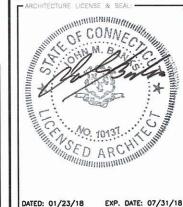
TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN SOUTH DAKOTA, CALL SOUTH DAKOTA ONE CALL TOLL FREE: 1-800-781-7474 OR www. sdonecall.com

SOUTH DAKOTA STATUTE Know what's below. REQUIRES MIN OF 2 Call before you dig. BEFORE YOU EXCAVATE

312.895.4977 A NOKIA" COMPANY

WESTCHESTER 604 FOX GLEN

> BARRINGTON, IL 60010 TELEPHONE: 847,277,0070 FAX: 847.277.0080 ae@westchesterservices.com



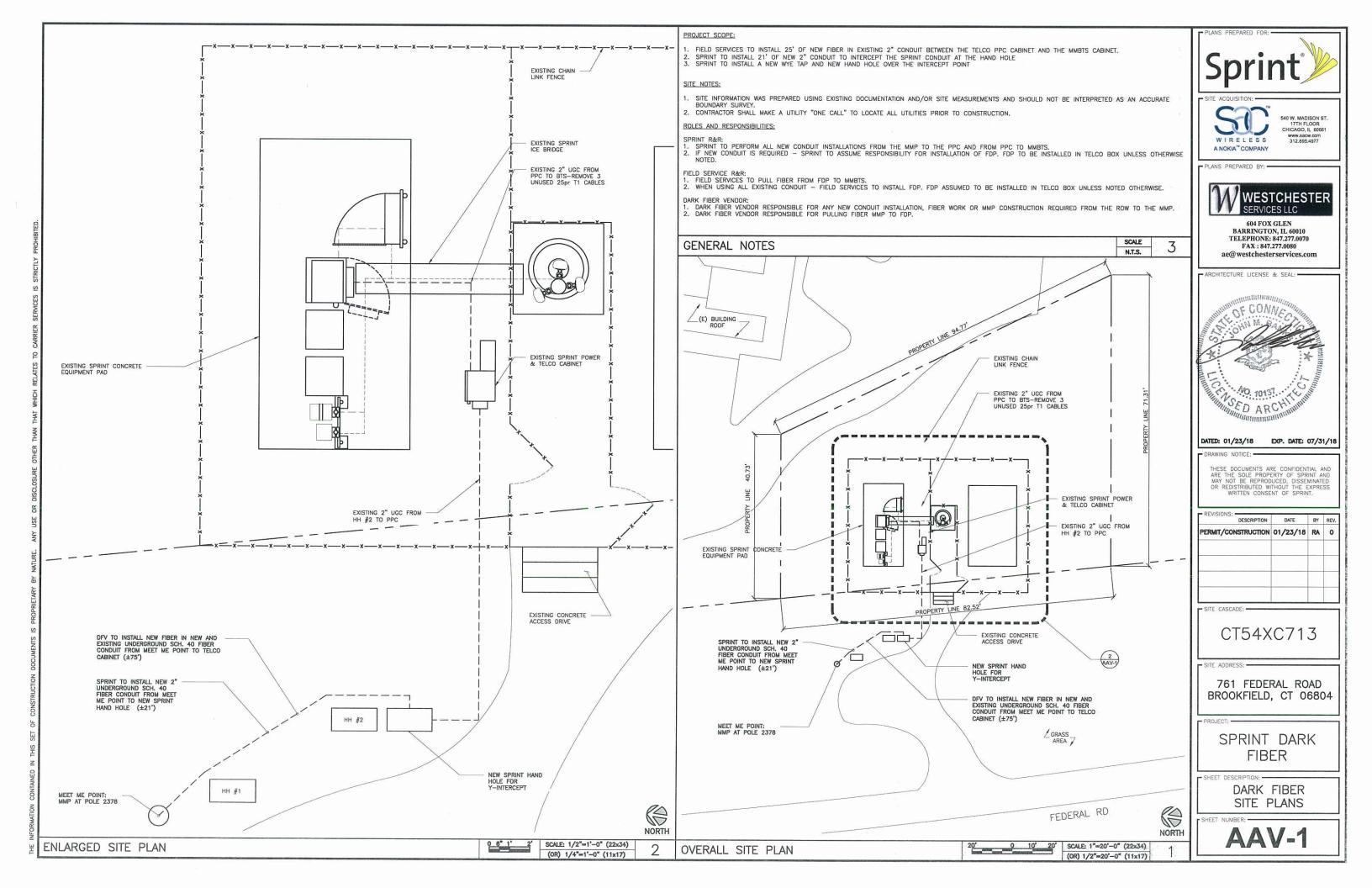
| 0 |
|---|
|   |
|   |
|   |
|   |
|   |

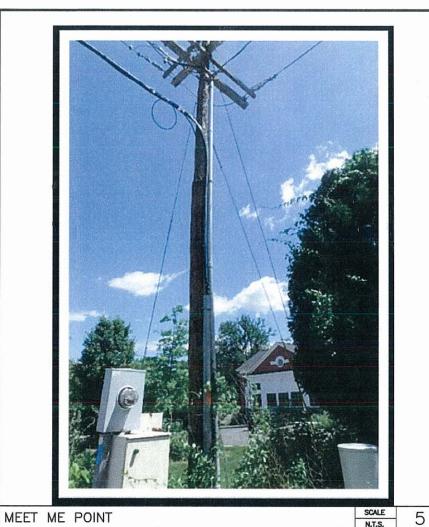
CT54XC713

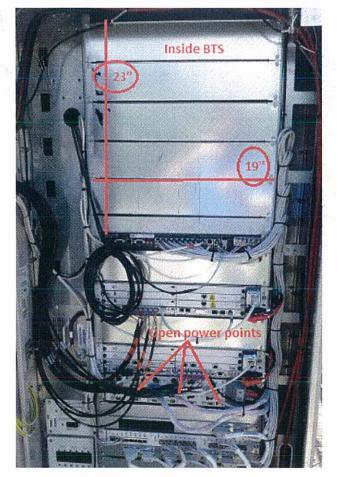
761 FEDERAL ROAD BROOKFIELD, CT 06804

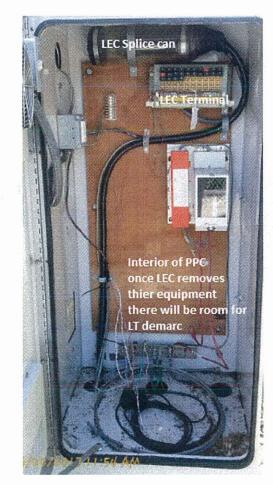
SPRINT DARK **FIBER** 

TITLE SHEET









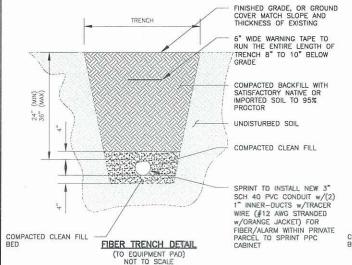
SCALE SCALE 3 4 INSIDE EXISTING TELCO CABINET N.T.S. N.T.S.

EXISTING NID

MMBTS CABINET (INSIDE)

UTILITY TRENCH NOTES

EXISTING 2" UGC FROM HH #2 TO PPC EXISTING MEET ME POINT: MMP AT BOTTOM OF POLE 2378 CARINET NEW SPRINT HAND HOLE FOR Y-INTERCEPT TO ANTENNAS ( GRADE FIELD SERVICES TO INSTALL NEW FIBER IN EXISTING 2" UNDERGROUND FROM MMBTS CABINET TO TELCO PPC CABINET WITHIN EXISTING SPRINT TO INSTALL NEW 2" UNDERGROUND SCH. 40 FIBER CONDUIT FROM MEET ME POINT TO NEW SPRINT LEASE LIMITS (±25') HAND HOLE (±21')



TRENCH COMPACTED BACKFILL WITH SATISFACTORY NATIVE OR IMPORTED SOIL TO 95% PROCTOR 24" UNDISTURBED SOIL COMPACTED CLEAN FILL SPRINT TO INSTALL NEW 3" SCH 40 PVC CONDUIT w/(2)
1" INNER-DUCTS w/FIBER & (1) TRACER WIRE (#12 AWG STRANDED W/ORANGE JACKET) FOR FIBER SOURCE

CT54XC713 SITE ADDRESS: -

- SITE CASCADE: -

DATED: 01/23/18

RAWING NOTICE:

761 FEDERAL ROAD BROOKFIELD, CT 06804

540 W. MADISON ST. 17TH FLOOR CHICAGO, IL 60661 www.sacw.com 312.895.4977

EXP. DATE: 07/31/18

DATE BY REV.

THESE DOCUMENTS ARE CONFIDENTIAL AND ARE THE SOLE PROPERTY OF SPRINT AND MAY NOT BE REPRODUCED, DISSEMINATED OR REDISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF SPRINT.

PERMIT/CONSTRUCTION 01/23/18 RA 0

DESCRIPTION

WESTCHESTER SERVICES LLC 604 FOX GLEN BARRINGTON, IL 60010 TELEPHONE: 847,277,0070 FAX: 847.277.0080

ae@westchesterservices.com

- ARCHITECTURE LICENSE & SEAL: -

WIRELESS A NOKIA™ COMPANY PLANS PREPARED BY:

SPRINT DARK **FIBER** 

DARK FIBER EQUIPMENT DETAILS & SITEPHOTOS

AAV-2

CONDUIT SIZE, TYPE, QUANTITY, AND SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY.
ALL UTILITY TRENCHES WITHIN THE FENCED COMPOUND OR UNDER ANY PORTION OF A GRAVEL DRIVE AND/OR ROADWAY SHALL BE BACKFILLED WITH ODOT #57 COMPACTED AGGREGATE.

ALL CONDUITS SHALL BE INSTALLED WITH 3/16" POLYPROPYLENE ROPE )PULL STRING) SUITABLE FOR PULLING CABLE THRU DUCT.

ALL CONDUITS THAT ARE TO BE USED FOR FIBER/ALARM SHALL BE INSTALLED WITH A TRACER WIRE

ALL CONDUITS THAT ARE TO BE USED FOR FIBER/ALARM SHALL BE INSTALLED WITH A TRACER WIRE
(#12 AWG STRANDED W/ORANGE JACKET)
 ALL CONDUITS SHALL BE CLEAN INSIDE WITH NO DIRT OR ANY OTHER OBSTRUCTIONS.
 ALL BENDS MUST SWEEP 36" RADIUS AND MAXIMUM OF 3 SWEEPS, ANY ADDITIONAL SWEEPS MUST BE
APPROVED BY THE UTILITY COMPANY.
 THE CONTRACTOR SHALL VERIFY AND FOLLOW THE UTILITY COMPANY SPECIFICATIONS FOR INSTALLATIONS.

FINISHED GRADE, OR GROUND COVER MATCH SLOPE AND THICKNESS OF EXISTING 6" WIDE WARNING TAPE TO RUN THE ENTIRE LENGTH OF TRENCH 8" TO 10" BELOW

COMPACTED CLEAN FILL BED FIBER TRENCH DETAIL

(SOURCE) NOT TO SCALE

FIBER SCHEMATIC

SCALE N.T.S.

- DFV TO INSTALL NEW FIBER IN NEW AND EXISTING UNDERGROUND SCH. 40 FIBER CONDUIT FROM MEET ME POINT TO TELCO CABINET (±75')

TRENCH DETAIL

SCALE N.T.S.