

APPLICATION AND UTILITY PERMIT
MUSKOGEE COUNTY, STATE OF OKLAHOMA

Co. Comm. Dist. 2

TYPE OF INSTALLATION

WATER _____
SEWER _____
GAS _____

OIL _____
ELECTRIC _____
TELEPHONE X

This authority executed in the original and three copies this _____ day of _____ 2022, by the Board of County Commissioners, acting for and on behalf of the County of Muskogee hereinafter called the "County" witnesses:

THAT THE COUNTY DOES BY THESE PRESENT, GRANT TO:

Applicant: Windstream KDL, LLC
Mailing Address 4001 N. Rodney Parham Rd, Little Rock, AR 72212
Phone: 501-748-4601
After Hours/Weekend Emergency Contact and Phone: _____
"On the job" contact person and phone: Todd Wilbert 405/206-2870
(a person and phone #, who will be on the job site, MUST be listed for approval of permit.)
a permit to erect, construct and maintain a This project is to place 2" Conduit / Fiber Optic cable

along, upon or cross the hereinafter described County Highway(s), Road(s) being show on the attached drawing(s) and further describe as follows:

LOCATION: from S Cherokee Dr. & W Smith Ferry Rd (W 43rd St S) to the Core Scientific property located along W Smith Ferry Rd (W 43rd St S) just west of Dal Tile Rd

COUNTY HWY OR ROAD: W Smith Ferry Rd

(Highway Junction or Road or other definite point) and further describes as follows:

This project is to place 2" Conduit / Fiber Optic cable from S Cherokee Dr. & W Smith Ferry Rd (W 43rd St S) Muskogee, Okla. 74403 ((GPS: 35.696536, -95.375776) to the Core Scientific property locate along W Smith Ferry Rd (W 43rd St S)

of Hwy 64 along W Smith Ferry Rd (W 43rd St S) ending at the Core Scientific property GPS 35.696936, -95.385100 just west of Dal Tile Rd. Then continue into the Core Scientific property.

The installation will be made in the following manner:

Size of Line: 48 pr Size of Casing 2"

Before placing a utility facility on any County right-of-way, a permit must be obtained, using forms furnished by the County. All information requested on the form must be supplied. All underground crossings must be installed by boring, punching, or other approved methods. The method and equipment for the installation must be approved by the County.

If considered necessary, pressure grouting of the voids will be required. This will generally be required when the diameter of the bore exceeds the outside diameter of the pipe by two inches or more. In the interest of safety, trenching and the parking of equipment should be performed as far as possible from traffic lanes. In Unusual cases where trenching is necessary, a special plan with specifications will be developed by the owners with assistance for the County, setting out the methods for controlling the traffic, placement of the facility and proper restoration of the roadway. This method must bear the recommendation of the County and be approved by the Board of County Commissioners.

Drawings clearly illustrating work to be performed within the highway or road right-of-way and all other utility facilities in the areas of this permit must be provided with the permit application. A plan view will be sufficient, except where a crossing of the highway or road involved. Each highway or road crossing must be represented by a profile or crossing-section view with highway template, regardless of the type of utility to be installed or its function. Parallel overhead lines on all highway or road right-of-way should be limited to single pole construction. All crossings of the highway or road should be as nearly perpendicular as possible. The following fee shall accompany said drawings.

Request Method	Fee
<u> </u> Bore	<u> </u> \$ 50.00
<u> </u> Cut dirt or gravel	<u> </u> \$150.00

***Cutting of paved road is NOT permitted.** If a crossing is made on a paved road, it MUST be bored.*

This fee schedule shall be waived in the case of a Public Utility doing business in Muskogee County who by the filing of this Utility Permit hereby agrees to indemnify Muskogee County for any damages to the County Roadway. This permit is granted subject to the following conditions, requirements and covenants to wit:

1. Work to be performed on County right-of-way must have the approval of the County, who must be notified when the work is to begin and when it is completed for final inspection. Under no circumstances will any work be done on County right-of-way until such approval has been obtained.
2. The County reserves the option to have an inspector on the work site during any/all phases of the project.
3. One copy of an approval permit must be kept at the work site for inspection by the Commissioner or his representative. Applicant will be required to have an inspector or engineer present at all time during construction to insure that installation is made in accordance with plans and specifications approved by the County.
4. The applicant must agree to hold the County harmless for any damage or injury to persons or property caused by or resulting from the construction, maintenance, operation or repair of the facilities on under or over the County right-of-way and must further agree to reimburse the County for any repair or damage to County facilities made necessary by the construction, maintenance and/or operation of the applicant's facility.
5. All work on the County right-of-way is to be done in accordance with the current Standard Specifications for highway or road construction, and at the conclusion of such work, the right-of-way must be cleaned up and left in presentable condition. This will include replacing any protective grass cover destroyed by trenching or operation of equipment and by correcting any other damage that may have been caused, as directed by the County.

6. The applicant must furnish all flagmen, lights, barricades and warning signs deemed necessary by the County, during the construction, maintenance, or repair of its facilities on the County right-of-way. In some cases, the applicant must post bond in an amount determined by the Board of County Commissioners. Such bonds usually will not exceed \$10,000.00. Necessity for bond will be determined by the County and the bond will be held in their office.
7. When notified to do so by the County, the applicant agrees to make all changes in the facilities on County right-of-ways at the applicants own expense, unless otherwise provided by law or order of the Board of County Commissioners.
8. Clearance above the traffic lanes of the highway or road at all pole line crossings should comply with applicable safety codes, but will not be less than 20 feet at a temperature of 60 degrees Fahrenheit. All poles, post, stubs, fixtures, down guy wires, and other appurtenances must be kept in good repair at all times and free from weeds and brush within a 5- foot area of the installation. The facilities, when parallel to the highway or road will be no more than 4 feet inside the right-of-way line, unless otherwise approved by the Board of County Commissioners.
9. All underground crossings of the right-of-way must be encased from right -of-way line to right-of-way line at a minimum depth of 48 inches below the bottom of the surfacing and 48 inches below the bottom of the ditches, unless otherwise approve by the Board of County Commissioners.

All encased crossings must be sealed at both ends and vented outside the right-of-way line. The vents should be sized to allow proper release of carrier pipe contents in case of failure. The minimum pipe size for the vent is two-inch nominal, and the vent must extend a minimum of 36 inches above natural ground level. The owner must install indemnification markers at each right -of-way line directly above facility. Such markers may be attached to vents or to a right-of-way fence. The markers may be in the owner's standard design, but must identify the owner and the size of the facility, and must be at least 130 square inches in area. They also must be erected at a location plainly visible from within the highway or roadway right-of-way.

The casing must be designed to sustain roadway loadings, contain and divert from the roadway the contents of the carrier pipe, and to have a life expectancy equal to or greater than the carrier pipe.

Encasement for underground telephone or power lines, or similar facilities, should comply with the above, except for the installation of vents, end seals, and the ability to contain and divert.

Steel pipelines crossing the right-of-way may be installed without encasement if the installation is in accordance with Special Provision for the installation of Underground Pipelines. This Special Provision stipulates in part that carrier pipe materials within the right-or-way by being of steel at least one grade better or a minimum of one wall width thicker and of the same alloy. Pipe must be 48 inches below the flow line of drainage ditches and all other highway drainage facilities, and must be properly protected from corrosion.

Non-pressurized facilities, such as sanitary sewer lines, crossing the highway or road right-of-way may be approved without the use of encasement, if cast iron or material of equal or better quality is used, with the understanding that maintenance will be performed by a method that will not disturb the though lanes or interfere with traffic.

Parallel facilities must be installed no more than 4 feet inside the right-of-way and be buried a minimum depth of 30 inches below the surface on the ground. The ditch must be backfilled to a density equal to the adjacent soil, and a proper vegetative cover established on the area disturbed. Any deviation must be approved by the County.

- 10. The applicant must agree to refrain from disturbing trees, shrubbery, or any part of the landscape without the approval of the County. If it becomes necessary to disturb trees or shrubbery, applicant's intentions must be plainly stated in the application, which will include size and kind of trees and shrubs, disposition during installation.
- 11. Blasting will not be permitted within the highway or road right- of-way except in unusual cases and only with special approval by the County.
- 12. The applicant must agree to notify all owners who have facilities in the area encompassed by this permit before beginning any work.
- 13. The applicant must agree to hold the County harmless for any and all damages that the utility facilities might sustain while occupying County highway or right-of-way.
- 14. Any variance from the terms of this Resolution shall be by special permission of the Board of County Commissioners.
- 15. Applicant will give the County a 48 hour notice before actual work is to begin.
- 16. In case of emergency, this permit must be filed within two (2) workdays.

THE FOLLOWING ARE REQUIRED BEFORE APPROVAL

****Emergency After Hours/Weekend Contact Information Is Required****
**** Job Site Contact Information Is Required****

APPLICANT NAME: Amber Hill

APPLICANT TITLE: Analyst I, OSP Engineering Support, Windstream

APPLICANT SIGNATURE: *Amber Hill* DATE 8/2/22

Muskogee County Board of Commissioners:

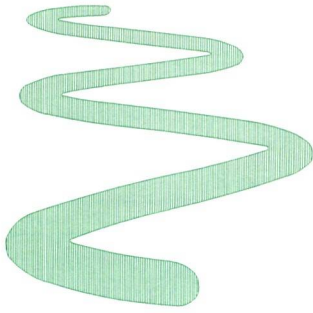
Kenny Payne
Kenny Payne Dist. 3, Chairman

Ken Doke
Ken Doke Dist. 1, Vice-Chairman

Keith Hyslop
Keith Hyslop Dist. 2, Member

ATTEST:
Polly Irving
Polly Irving, County Clerk





WINDSTREAM

CONTACT INFO:

WINDSTREAM ENGINEER:
WILBERT TODD

PEARCE FIELD ENGINEER:
MADISON SCHRADER
(501)940-1597

PEARCE DESIGN ENGINEER:
JAMES REASON
712-220-2361

LCON (POINT OF CONTACT)
IF APPLICABLE:

PERMITS REQUIRED:
CITY OF MUSKOGEE
OK DOT
UNION PACIFIC RAILROAD

PROJECT NUMBER: 718618259

ADDRESS: Meet Point, W. 43rd St, Muskogee, OK

CONSTRUCTION NOTES:

1. PROJECT TO PLACE NEW AERIAL AND BURIED FIBER FACILITIES WITHIN DUCT VIA DIRECTIONAL BORE TO SERVICE A NEW BUILD FOR CORE SCIENTIFIC LOCATED AT MEET POINT, W. 43RD ST, MUSKOGEE, OK
2. DRAWINGS SCALE - 1"=50
3. FOLLOW ALL OSHA SAFETY PRECAUTIONS
4. UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT EXACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION.
5. PLACEMENT TO BE PLACED AT 48" DEPTH MINIMUM WITHIN STATE/CITY RIGHT-OF-WAY
6. HAND HOLE PLACEMENT TO BE FLUSH WITH THE GROUND.

PROJECT INFORMATION:

AERIAL FOOTAGE: 908'
UNDERGROUND FOOTAGE: 0'
BURIED FOOTAGE: 4621'
TOTAL ROUTE MILES: 1.047 mi

CONTACT NAMES AND NUMBERS

CONSTR. MANAGER:
WILBERT TODD
FIELD ENGINEER:
MADISON SCHRADER
DESIGN ENGINEER:
JAMES REASON

DRAWING LIST:

SHEET	DESCRIPTION	SHEET	DESCRIPTION	DATE	DESCRIPTION	DRAFTER	SET
C01	COVER SHEET	04/07	CONSTRUCTION DWG				
C02	GENERAL LOCATION PLAN	05/07	CONSTRUCTION DWG				
C03	UNIT SUMMARY	06/07	CONSTRUCTION DWG				
C04	LEGEND AND GENERAL NOTES	07/07	CONSTRUCTION DWG				
01/07	CONSTRUCTION DWG						
02/07	CONSTRUCTION DWG						
03/07	CONSTRUCTION DWG						

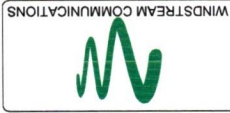
DRAWING STATUS

SHEET	TOTAL
C01	C04


SCALE: N/A
DATE DRAWN:
5/20/2022
SHEET:
C01 TOTAL:
C04

COVER SHEET
JOB: 718618259
PROJECT: BO MSKGOK CORE SCIENTIFIC
LOCATION: Meet Point, W. 43rd St, Muskogee, OK

REV	DATE	DESCRIPTION



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MUSKOGEE, OK
MUSKOGEE COUNTY
N/A
SEC/TW/PR/NG - SHT

WINDSTREAM ENGINEER
WILBERT TODD
PEARCE DESIGNER
DAMES REASON

UNIT SUMMARY REPORT
JOB: 718618259
PROJECT: BO MSGOK CORE SCIENTIFIC
LOCATION: Meet Point, W. 43rd St, Muskogee

SCALE: N/A
DATE DRAWN: 5/20/2022
SHEET: C03
TOTAL: C04

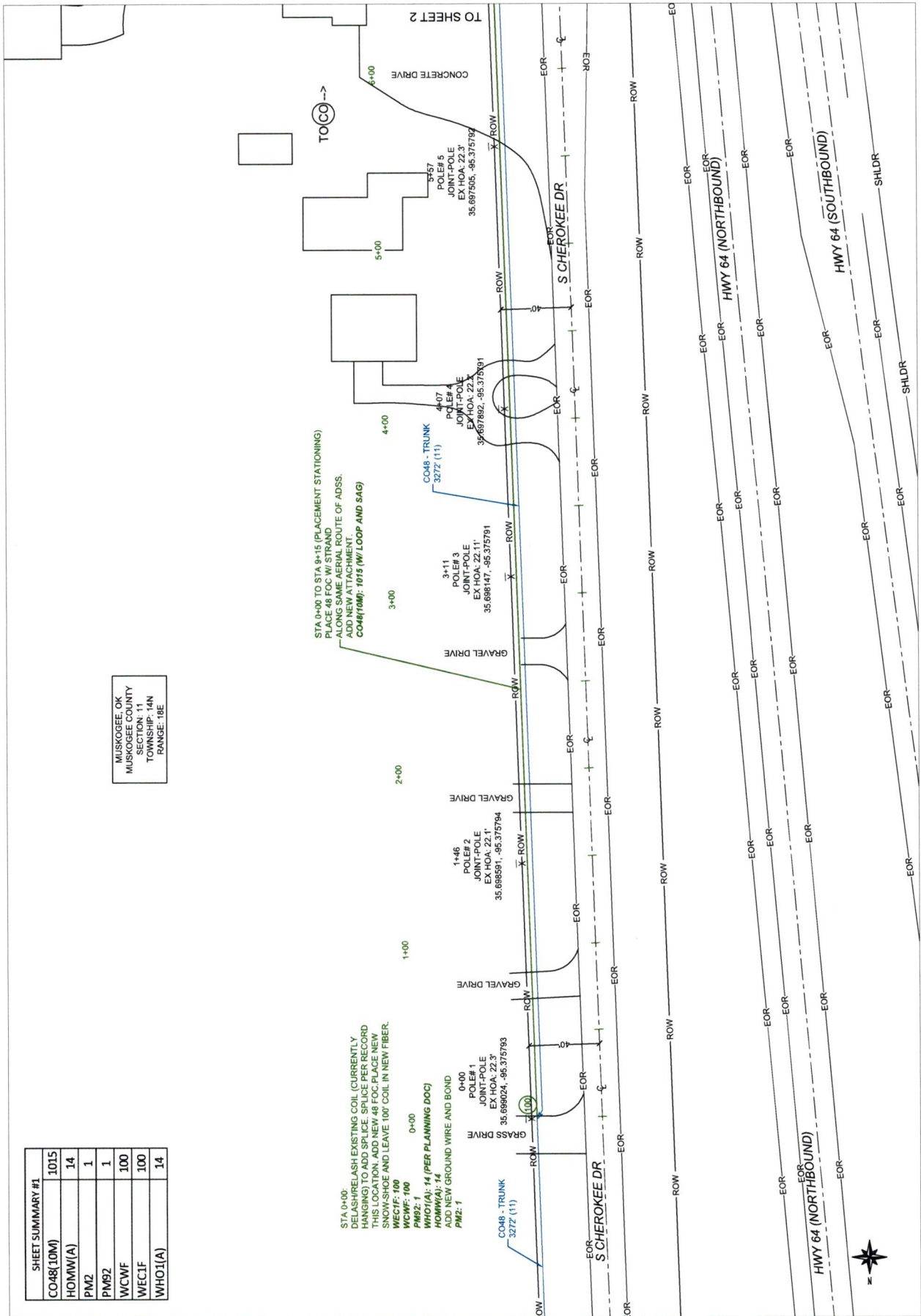
WORK ORDER UNIT SUMMARY										
EXCHANGE NAME: MUSKOGEE, OK (MSGKOK)										
Work Order Title: 718618259 BO MSGKOK CORE SCIENTIFIC - Meet Point, W. 43rd St, Muskogee, OK										
UNIT DESCRIPTION	UNIT CODE	SHT 1	SHT 2	SHT 3	SHT 4	SHT 5	SHT 6	SHT 7	TOTAL	
PULL 48 FIBER WITHIN DUCT	BFO48I		2044		1265	1537				4846
PLACE 24x36x24 FIBER HAND HOLE	BHF(24x36x24)T		3		1	1				5
5/8" x 8" #6 GROUND ROD	BM2		3		1	1				5
FIBER MAERKER POST	BM53F		3	1	2	3				9
DIRECTIONAL BORE 2" HDPE DUCT @ 48" DEPTH MIN	BM60(1)(2)PF>100		1749		1165					2914
FIBER RISER GUARD	BM82		1							1
48 FOC WITH 10M FIBER STRAND	CO48(10M)		1015							1015
FIBER SPLICE NON-WORKING FIBER	HO1(B)							12		12
FIBER OPTIC MAINTENANCE WINDOW	HOMW(A)		14							14
METAL SPLICE TRAY (PROJECT SPECIFIC)	METAL SPLICE TRAY							1		1
DOWN-GUY ASSEMBLY UNIT	PE1-3		1							1
DOWN-GUY ANCHOR	PF3-5A		1							1
GROUND ROD/WIRE AT POLE	PM2		1							1
PLACE WALL MOUNT SPLICE CENTER FOR FDP	PM21F							1		1
12CT x 200' FDP W/ TAIL	PM21FW(12)200							1		1
BOND AT EXISTING SPLICE LOCATION	PM2C							1		1
PLACE FIBER OPTIC SNOW-SHOE	PM92		1							1
DELASH EXISTING FIBER CABLE	WCWF		100							100
RELASH EXISTING FIBER CABLE	WEC1F		100							100
FIBER SPLICE WORKING FIBER STRAND	WHO1(A)		14							14
WALL MOUNT SPLICE CENTER	WSC							1		1

SHEET SUMMARY #1	
CO48(10M)	1015
HOMW(A)	14
PM2	1
PM62	1
WCWF	100
WECIF	100
WHO1(A)	14

MUSKOGEE, OK
MUSKOGEE COUNTY
SHEROKEE TOWNSHIP 14N
RANGE: 18E

STA 0+00
DELASHRELASH EXISTING COIL (CURRENTLY HANGING) TO ADD SPLICE. SPLICE PER RECORD THIS LOCATION. ADD NEW 48 FOC PLACE NEW SNOW-SHOE AND LEAVE 100' COIL IN NEW FIBER.
WECIF: 100
PM2: 1
PM62: 1
WHO1(A): 14 (PER PLANNING DOC)
HOMW(A): 14
ADD NEW GROUND WIRE AND BOND
PM2: 1

STA 0+00 TO STA 9+15 (PLACEMENT STATIONING)
PLACE 48 FOC W/ STRAND
ALONG SAME AERIAL ROUTE OF ADSS.
ADD NEW 48 FOC W/ STRAND
CO48(10M): 1015 (W/ LOOP AND SAG)



CONSTRUCTION DRAWING	WINDSTREAM ENGINEER	MUSKOGEE, OK	MUSKOGEE COUNTY	N/A	SEC/WP/RNG - SHT
JOB: 718618259	WLBERT TODD	PEARCE DESIGNER	JAMES REASON	LOCATION: CARBON TRL & OLD RIVER RD	PROJECT: BO MSKGOK CORE SCIENTIFIC
SCALE: 1:50	DATE DRAWN: 5/20/2022	SHEET: 001	TOTAL: 007		



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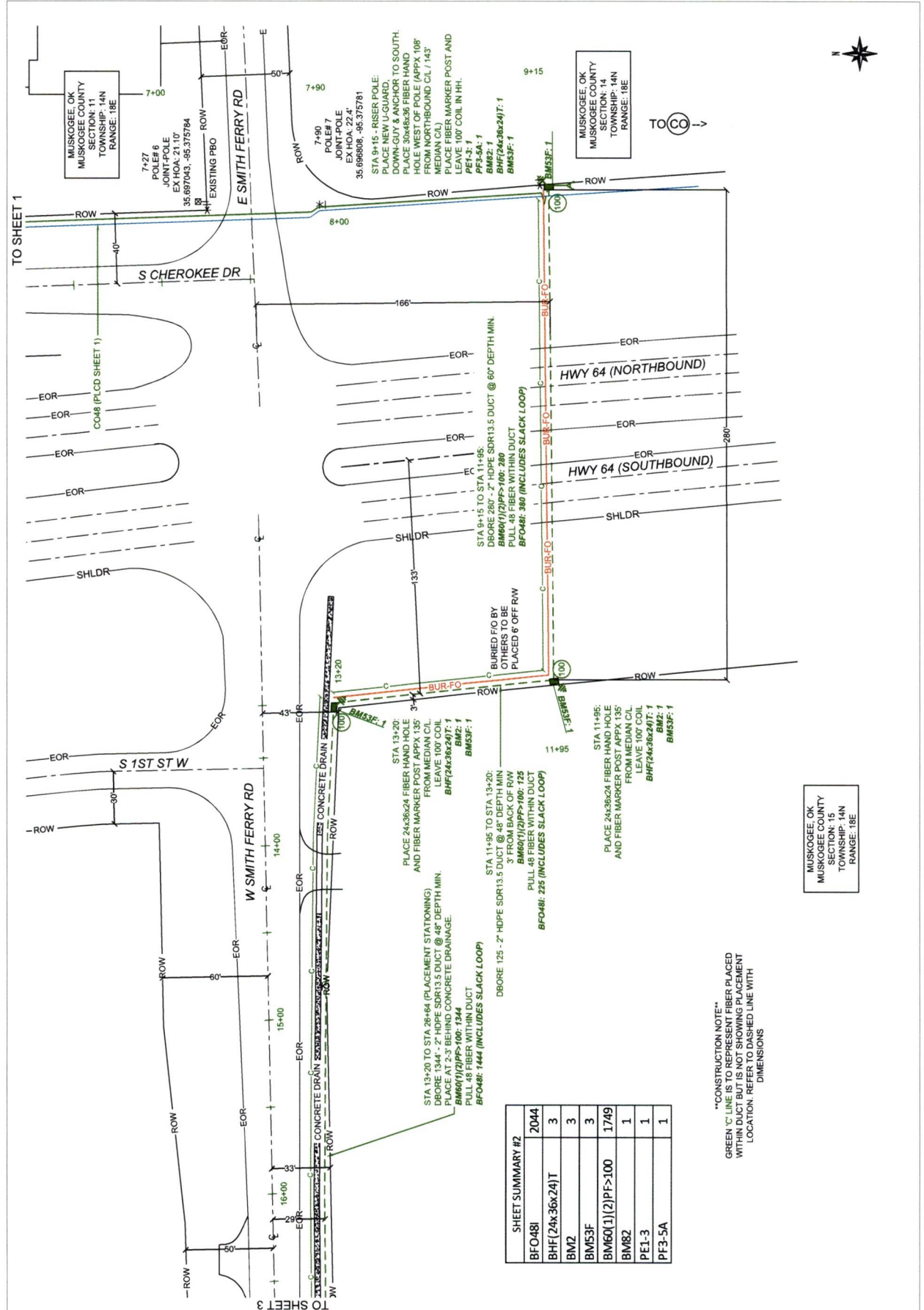
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MUSKOGEE, OK
MUSKOGEE COUNTY
SECTION: 14N
TOWNSHIP: 14N
RANGE: 18E

WINDSTREAM ENGINEER
WLBERT TODD
PEARCE DESIGNER
JAMES REASON

CONSTRUCTION DRAWING
JOB: 718618259
PROJECT: BO MSKGOK CORE SCIENTIFIC
LOCATION: Meet Point, W. 43rd St


SCALE: 1:50
DATE DRAWN: 5/20/2022
SHEET: 002
TOTAL: 007

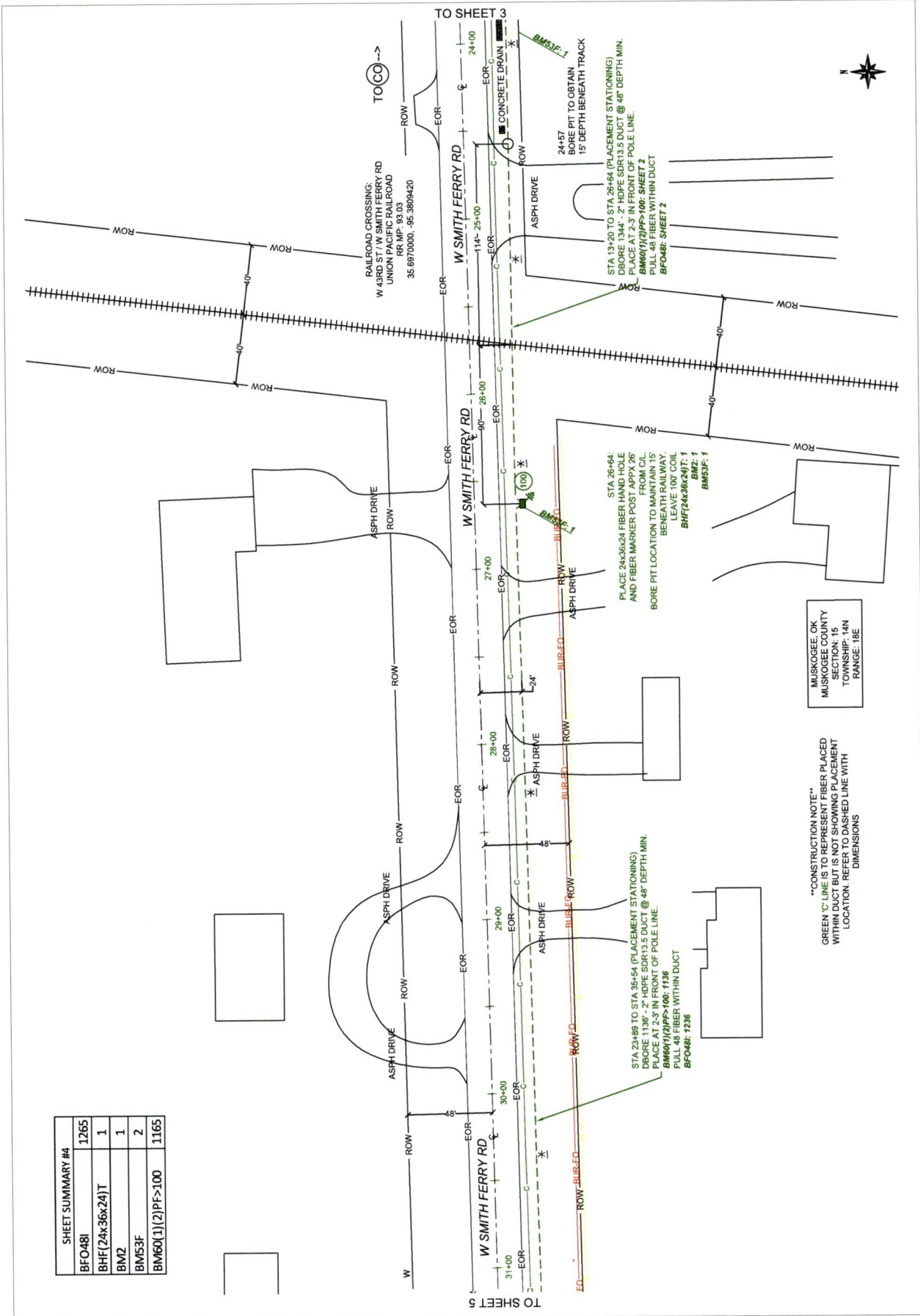


SHEET SUMMARY #2	
BFO48I	2044
BHF(24x36x24)T	3
BM2	3
BM53F	3
BM60(1)(2)PF>100	1749
BM82	1
PEI-3	1
PF3-5A	1

CONSTRUCTION NOTE
GREEN 'C' LINE IS TO REPRESENT FIBER PLACED WITHIN DUCT BUT IS NOT SHOWING PLACEMENT LOCATION. REFER TO DASHED LINE WITH DIMENSIONS

MUSKOGEE, OK
MUSKOGEE COUNTY
SECTION: 15
TOWNSHIP: 14N
RANGE: 18E

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	MUSKOGEE, OK	WINDSTREAM ENGINEER	CONSTRUCTION DRAWING	PROJECT: BO MSKGOK CORE SCIENTIFIC
JOB: 718618259	SCALE: 1:50	DATE DRAWN: 5/20/2022	SHEET: 004	TOTAL: 007



SHEET SUMMARY #A	
BFO48I	1265
BHF(24x36x24)T	1
BM2	1
BM53F	2
BM60(1)(2)PF>100	1165

MUSKOGEE OK
 MUSKOGEE COUNTY
 TOWNSHIP: 14N
 RANGE: 18E

"CONSTRUCTION NOTE"
 GREEN 'C' LINE IS TO BE PLACED WITHIN DUCT IS NOT SHOWING PLACEMENT LOCATION. REFER TO DASHED LINE WITH DIMENSIONS



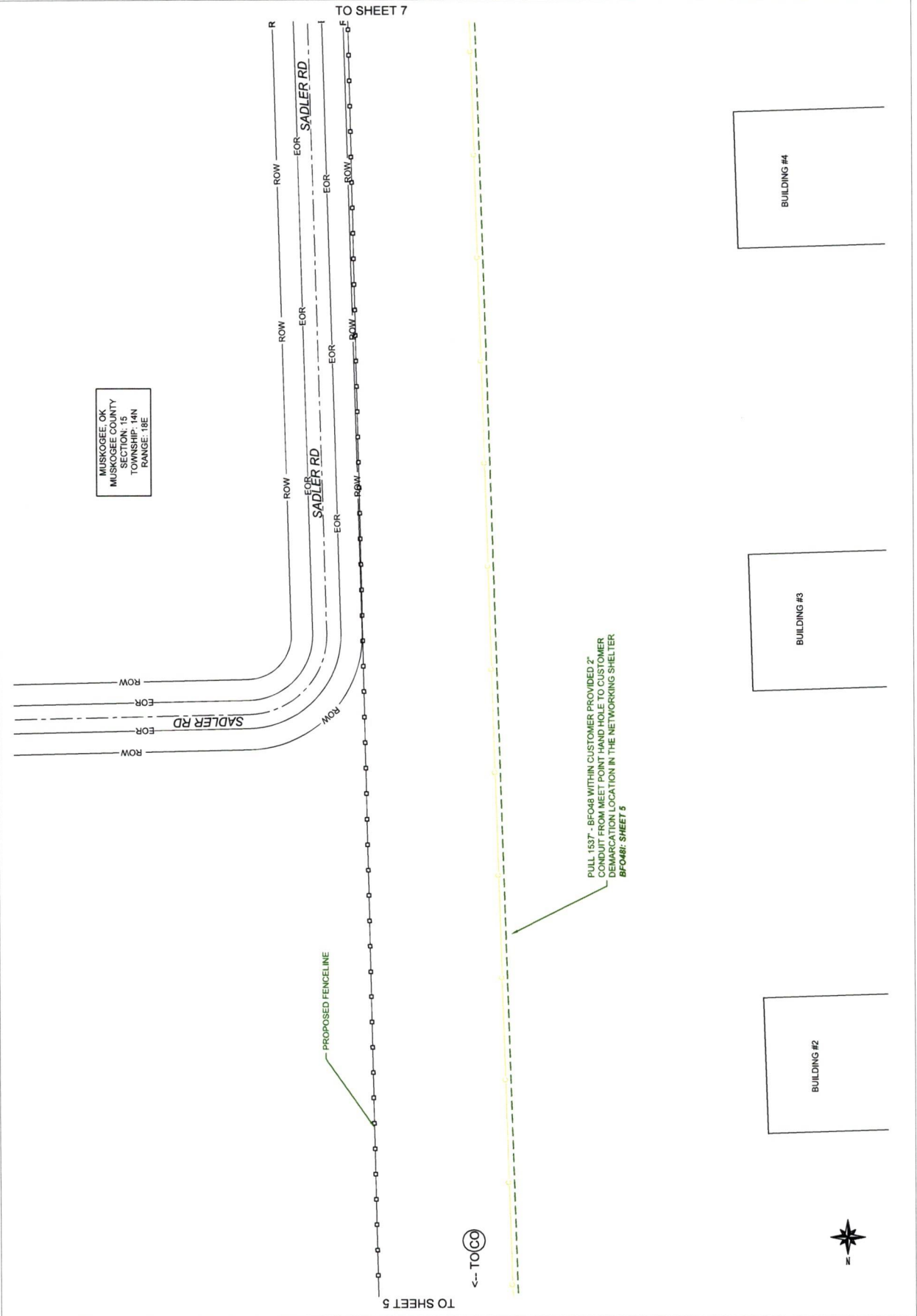
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MUSKOGEE, OK
MUSKOGEE COUNTY
MUSKOGEE COUNTY
N/A
SEC/TWP/RNG - SHT

WINDSTREAM ENGINEER
WILBERT TODD
PEARCE DESIGNER
JAMES REASON

CONSTRUCTION DRAWING
JOB: 718618259
PROJECT: BO MSKGOK CORE SCIENTIFIC
LOCATION: Meet Point, W. 43rd ST

SCALE: 1:50
DATE DRAWN: 5/20/2022
SHEET: 006
TOTAL: 007





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MUSKOGEE COUNTY
MUSKOGEE COUNTY
N/A
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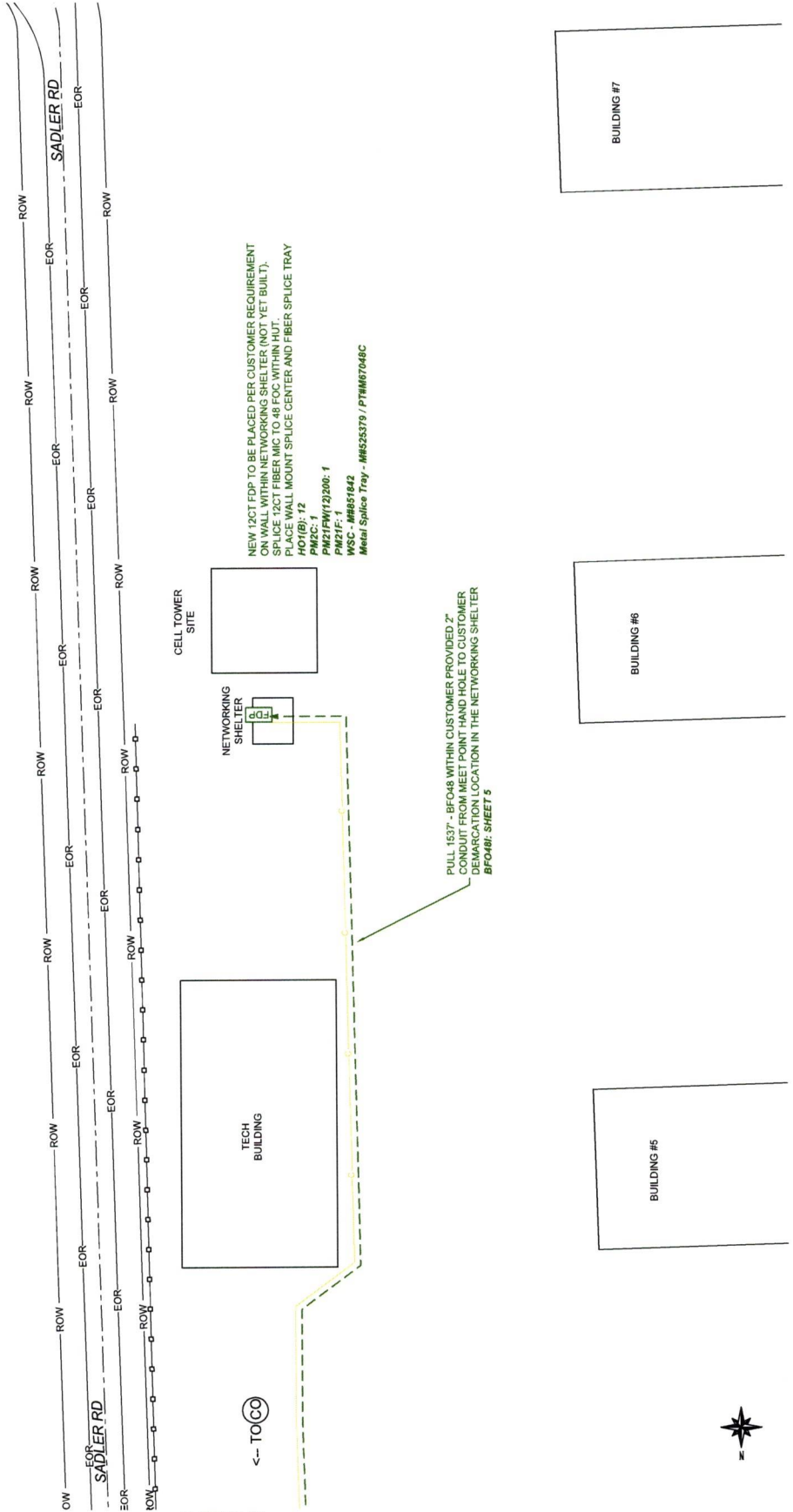
WINDSTREAM ENGINEER
WILBERT TODD
PEARCE DESIGNER
JAMES REASON

CONSTRUCTION DRAWING
JOB: 718618259
PROJECT: BO MSGKOK CORE SCIENTIFIC
LOCATION: Meet Point, W, 43rd ST

SCALE: 1:50
DATE DRAWN: 5/20/2022
SHEET: 007
TOTAL: 007

SHEET SUMMARY #7	
HO1(B)	12
METAL SPlice TRAY	1
PM21F	1
PM21FW(12)200	1
PM2C	1
WSC	1

MUSKOGEE, OK
MUSKOGEE COUNTY
SECTION: 15
TOWNSHIP: 14N
RANGE: 18E



TO SHEET 6
-<- TO CO

NEW FOC EDP TO BE PLACED PER CUSTOMER REQUIREMENT ON WALK WITHIN NETWORKING SHELTER (NOT YET BUILT).
SPlice 12CT FIBER MGC TO 48 FOC WITHIN HUT.
PLACE WALL MOUNT SPlice CENTER AND FIBER SPlice TRAY
HO1(B): 12
PM21FW(12)200: 1
PM21F: 1
WSC - #M651642
Metal Splice Tray - #M523379 / PTMM67048C

PULL 1537' - BFO48 WITHIN CUSTOMER PROVIDED 2" CONDUIT FROM MEET POINT HAND HOLE TO CUSTOMER DEMARKATION LOCATION IN THE NETWORKING SHELTER BFO48: SHEET 5