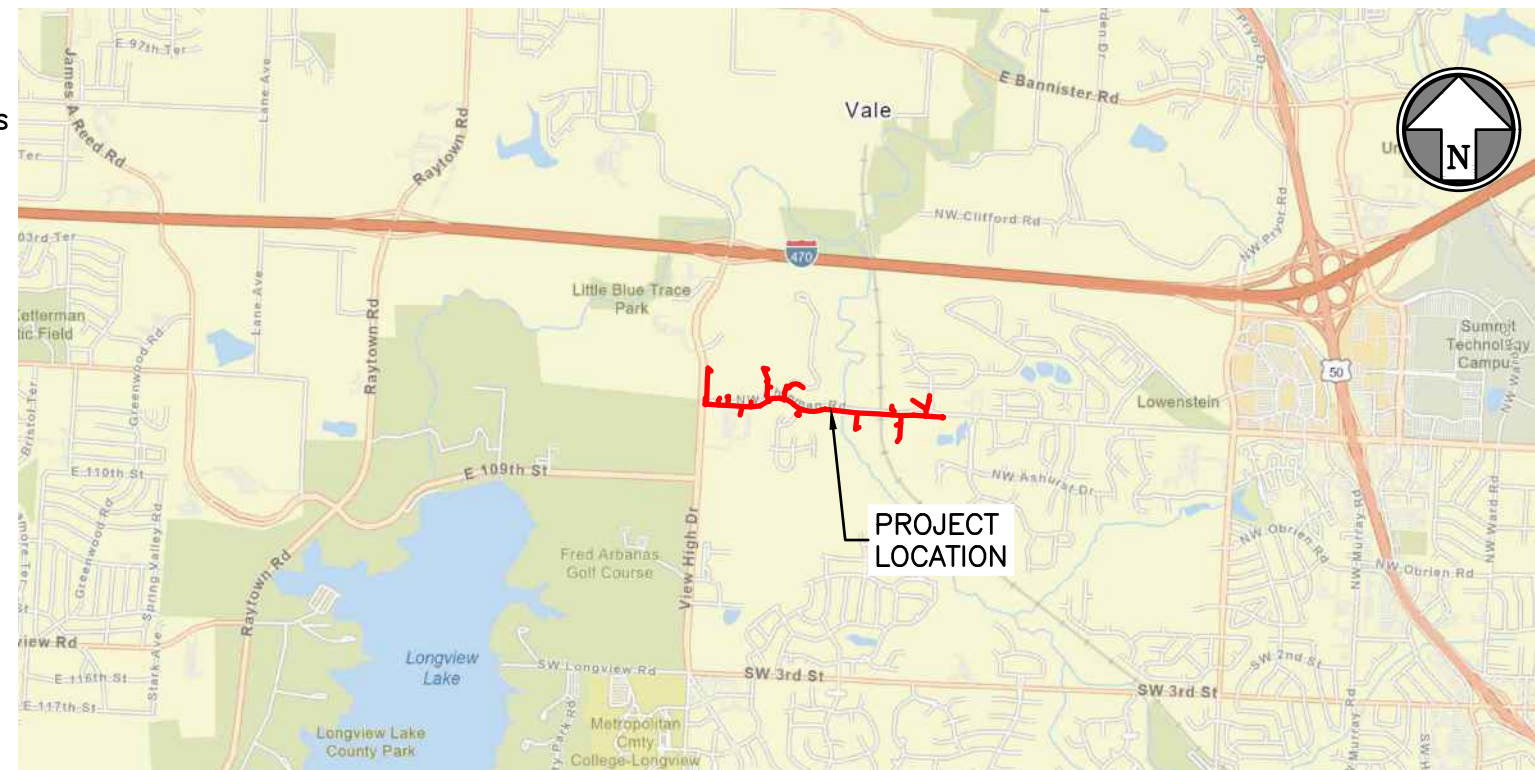


# GOOGLE FIBER CABLE RELOCATION PROJECT CHIPMAN ROAD IMPROVEMENT PROJECT

## SHEET INDEX

1	COVER SHEET
2	GENERAL LEGEND & ABBREVIATIONS
3	GOOGLE FIBER LEGEND & ABBREVIATIONS
4	KEY LOCATION MAP
5-23	CONSTRUCTION DRAWINGS



## CONTACTS

**GOOGLE FIBER**  
GREG LINK  
908 BROADWAY BLVD  
KANSAS CITY, MO 64105  
816-605-6936 (OFFICE)  
GREGLINK@GOOGLE.COM

NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI



SECTION S3, TOWNSHIP T47N, RANGE R32W  
SECTION S34, TOWNSHIP T48N, RANGE R32W

CONSTRUCTION ISSUE  
JUNE 15, 2021



CIVIL ENGINEERING / SURVEYING / UTILITIES

7101 College Boulevard, Suite 400  
Overland Park, Kansas 66210  
913-663-1900

BHC is a trademark of Brungardt Honomichl & Company, P.A.

T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 2 Legend Jun 16, 2021 - 9:16am Plotted By: james.coggins

GENERAL LEGEND

GUARD RAIL  
FENCE  
ROAD CENTERLINE  
ROAD ROAD CURB/EOP  
PROPERTY LINE  
RIGHT OF WAY  
EASEMENT  
SECTION, CITY OR COUNTY LINE  
TREE LINE  
RAILROAD TRACKS  
DITCH  
WATER BODY  
GAS UTILITY  
OVERHEAD ELECTRICAL  
UNDERGROUND ELECTRICAL  
STORM SEWER PIPE  
SANITARY SEWER PIPE  
WATER UTILITY  
UNKNOWN UTILITY  
TELEPHONE (COPPER) CABLE  
COAXIAL (COPPER) CABLE  
BURIED FIBER CABLE  
OVERHEAD FIBER CABLE  
PROPOSED ROAD CONSTRUCTION LIMIT  
PROPOSED ROAD CENTERLINE  
PROPOSED ROAD CURB/EOP  
PROPOSED ROAD/SEWER/UTILITY FEATURE  
PROPOSED AREA OF EXTRA DEPTH  
PROPOSED FIBER CABLE ABANDONMENT  
PROPOSED BURIED CONDUIT/FIBER CABLE  
PROPOSED AERIAL FIBER CABLE  
PROPOSED HANDHOLE  
PROPOSED FIBER MARKER  
PROPOSED SPLICE  
PROPOSED AERIAL SLACK LOOP  
PROPOSED DOWNGUY & ANCHOR  
EXISTING FEATURE TO BE REMOVED  
SPAN LENGTH & MID-SPAN HEIGHT  
TYPICAL PROPOSED AERIAL FIBER/STRAND

DRAWING REVISION NUMBER  
HOUSE NUMBER (ADDRESS)  
UTILITY POLE  
LIGHT POLE  
DOWNGUY & ANCHOR  
SPLICE  
FIBER MANHOLE (BY OTHERS)  
FIBER HANDHOLE (BY OTHERS)  
COMMUNICATION PEDESTAL (BY OTHERS)  
FIBER MARKER  
CELL TOWER  
TRANSMISSION TOWER  
CULVERT  
DROP INLET  
CURB INLET  
STORM SEWER MANHOLE  
SANITARY SEWER MANHOLE  
ELECTRICAL MANHOLE  
ELECTRICAL VAULT OR TRANSFORMER  
ELECTRICAL METER  
GAS VALVE  
GAS METER  
WATER VALVE  
WATER METER  
FIRE HYDRANT  
TRAFFIC SIGNAL POLE  
TRAFFIC SIGNAL CABINET/VAULT  
MISCELLANEOUS VAULT  
MISCELLANEOUS MANHOLE  
MAILBOX  
RAILROAD MILE POST  
RAILROAD CROSSING SIGN (NO LIGHT)  
RAILROAD CROSSING SIGNAL W/ GATE  
RAILROAD CROSSING OVERHEAD SIGNAL W/ GATE  
RAILROAD CROSSING OVERHEAD SIGNAL  
RAILROAD SIGNAL LIGHT  
RAILROAD CROSSING SIGNAL SIGN  
BUILDING OUTLINE  
TREE

GENERAL ABBREVIATIONS

1x, 2x, 3x, etc.	QUANTITY MULTIPLIER
ROW	RIGHT-OF-WAY
PI	POINT OF INTERSECTION
FOC	FACE OF CURB
EOP	EDGE OF PAVEMENT
BOC	BACK OF CURB
HH	HANDHOLE
CT	COUNT
LF	LINEAL FEET
DG	DOWNGUY
ST	STREET
RD	ROAD
TER	TERRACE
PL	PLACE
AVE	AVENUE
PKWY	PARKWAY
CIR	CIRCLE
DR	DRIVE
TYP	TYPICAL
MIN	MINIMUM
MAX	MAXIMUM
PLCS	PLACES
OC	ON CENTER
N	NORTH
S	SOUTH
E	EAST
W	WEST
NW	NORTHWEST
NE	NORTHEAST
SW	SOUTHWEST
SE	SOUTHEAST
RCP	REINFORCED CONCRETE PIPE
RCB	REINFORCED CONCRETE BOX
DIP	DUCTILE IRON PIPE
CMP	CORRUGATED METAL PIPE
PVC	POLYVINYL CHLORIDE
HDPE	HIGH DENSITY POLYETHYLENE

ANNOTATION KEY:

ANNOTATIONS SHOWN IN RED DENOTE PROPOSED CONSTRUCTION ACTIVITY

ANNOTATIONS SHOWN IN RED W/ YELLOW HIGHLIGHT DENOTE PROPOSED FIBER SPlicing AND/OR FIBER TERMINATION ACTIVITY

ANNOTATIONS SHOWN FRAMED IN BLACK DENOTE PROPOSED CONSTRUCTION ACTIVITY TO BE PERFORMED BY OTHERS

Rev.	Date	Description	By	Ckd	App

Kansas One-Call  
1-800-344-7233

CIVIL ENGINEERING / SURVEYING / UTILITIES

Project:

GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address:

NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title:

GENERAL LEGEND & ABBREVIATIONS

Project No.:

022320.05.02-65

Date Drawn:

06-15-21

Drawn:	JNC	Sheet:  2  2 of 23
Checked:	LGM	
Approved:	MB	
Scale:	N/A	

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GOOGLE FIBER ABBREVIATIONS

GENERAL ABBREVIATIONS

GF	GOOGLE FIBER
BB	BACKBONE FIBER
DF	DISTRIBUTION FIBER
AF	ACCESS FIBER
DP	DROP FIBER
LV	LARGE VAULT
MV	MEDIUM VAULT
SV	SMALL VAULT
DV	DROP VAULT

FIBER-SPECIFIC CONSTRUCTION ABBREVIATIONS


e/n	EXISTING/NEW FIBER(S) (TO BE AFFECTED)
[ex#]	EXISTING FIBER(S) (CURRENTLY IN PLACE)
[pu#]	PULL FIBER(S)
[sp#]	SPLICE FIBER(S)
[tm#]	TERMINATE FIBER(S)
[sc#]	PLACE SLACK COIL FIBER(S)
[mst#]	PLACE MST (PORT END)
[co#]	CONNECT DROP FIBER(S) TO MST PORT
[pt#]	PASS-THRU FIBER(S) (NO SLACK COIL)
[rm#]	REMOVE FIBER(S) FOR DISPOSAL AFTER CUTOVER
[ab#]	ABANDON CONDUIT IN PLACE
[pl#]	PLACE AERIAL FIBER (NO STRAND)
[ss#]	PLACE AERIAL SLACK SPAN
[la#]	LASH AERIAL FIBER(S) TO STRAND
[ol#]	OVERLASH AERIAL FIBER(S) TO EXISTING FIBER(S) & STRAND
[dl#]	DELASH EXISTING AERIAL FIBER(S)
[dts]	DELASH & TEMPORARILY SUPPORT ALL EXISTING AERIAL FIBER(S)
[acc#]	AERIAL CUSTOMER CONNECTION
[bcc#]	BURIED CUSTOMER CONNECTION

NOTE:  
THE FIBER-SPECIFIC CONSTRUCTION ABBREVIATIONS ABOVE WILL BE COMBINED WITH THE CABLE KEY LIST ON EACH PLAN SHEET TO SPECIFY FIBER CONSTRUCTION ACTIVITY TO BE PERFORMED, FIBER COUNTS TO BE USED, AND THEIR RESPECTIVE CABLE NAMES.

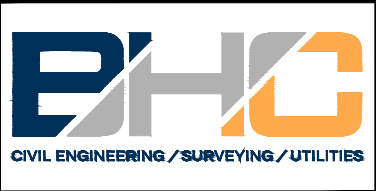
GOOGLE FIBER LEGEND

	GF		GF	EXISTING AERIAL GOOGLE FIBER CABLE
	GF		GF	EXISTING BURIED GOOGLE FIBER CABLE

Rev.	Date	Description	By	Ckd	App



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Project:  
GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address:  
NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title:  
GOOGLE FIBER  
LEGEND & ABBREVIATIONS

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

Drawn: JNC	Sheet:  3  3 of 23
Checked: LGM	
Approved: MB	
Scale: N/A	



T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-key.dwg Layout: 4 Key Location Map  
Jun 16, 2021 - 9:16am Plotted By: james.coggins

LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI



Rev.	Date	Description	By	Ckd	App

NOTES:

1. LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE AND WERE TAKEN FROM FIELD MARKINGS AND CITY/PRIVATE UTILITY INFORMATION TO THE EXTENT THEY WERE AVAILABLE. UTILITY INFORMATION SHOWN IS NOT TO BE TAKEN AS COMPLETE OR EXACT. CONTRACTOR SHALL POT HOLE TO DETERMINE EXACT UTILITY LOCATIONS.
2. CONTRACTOR SHALL NOTIFY ONE-CALL SERVICE IN ACCORDANCE WITH STATE LAW PRIOR TO BEGINNING WORK.
3. RIGHT OF WAY INFORMATION SHOWN IS APPROXIMATE.
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5. ALL WORK SHALL CONFORM TO CLIENT SPECIFICATIONS AND CITY, COUNTY OR STATE STANDARDS AND SPECIFICATIONS AND PERMITS.
6. MAINTAIN 24" MINIMUM CLEARANCE OVER OR UNDER WATER, STORM & SANITARY SEWERS.

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Kansas One-Call  
1-800-344-7233

Google Fiber



Project:  
GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address:  
NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title:  
KEY LOCATION MAP

Project No.: 022320.05.02-65

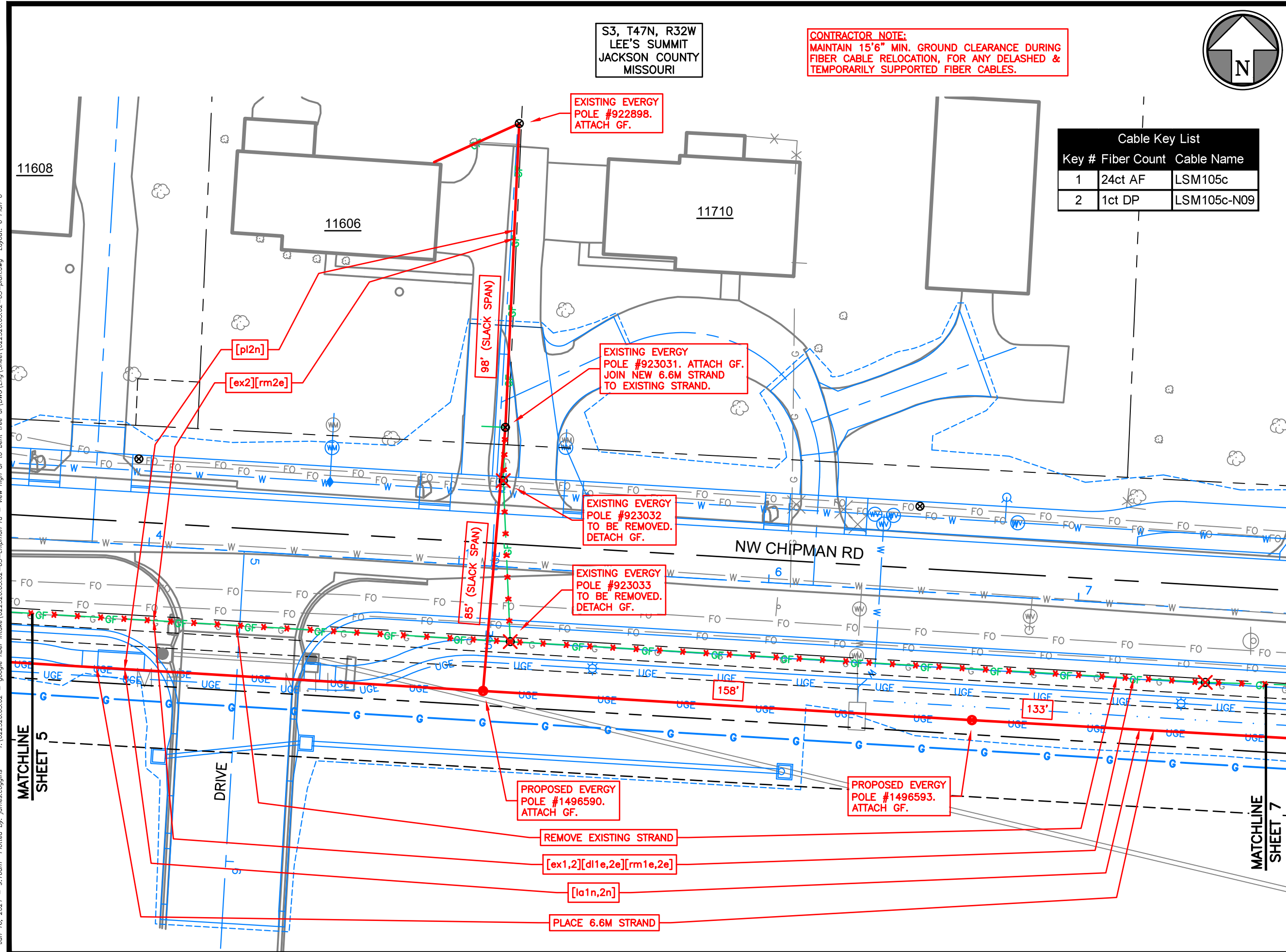
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Approved: MB	
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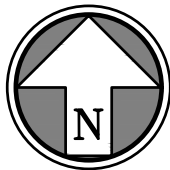


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S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI

CONTRACTOR NOTE:  
MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING  
FIBER CABLE RELOCATION, FOR ANY DELASHED &  
TEMPORARILY SUPPORTED FIBER CABLES.



Cable Key List		
Key #	Fiber Count	Cable Name
1	24ct AF	LSM105c
2	1ct DP	LSM105c-N09

NOTES:

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Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title:  
CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

Drawn: JNC

Checked: LGM

Approved: MB

Scale: 1" = 30'

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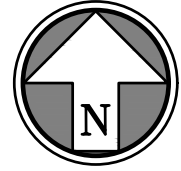
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6 of 23

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Jun 16, 2021 - 9:17am Plotted By: james.coggins

CAUTION!  
WORKING GF CABLE. MAINTAIN EXISTING  
GF SERVICE DURING CONSTRUCTION.

S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI



EXTRA DEPTH NOTES DENOTED WITH A "6"

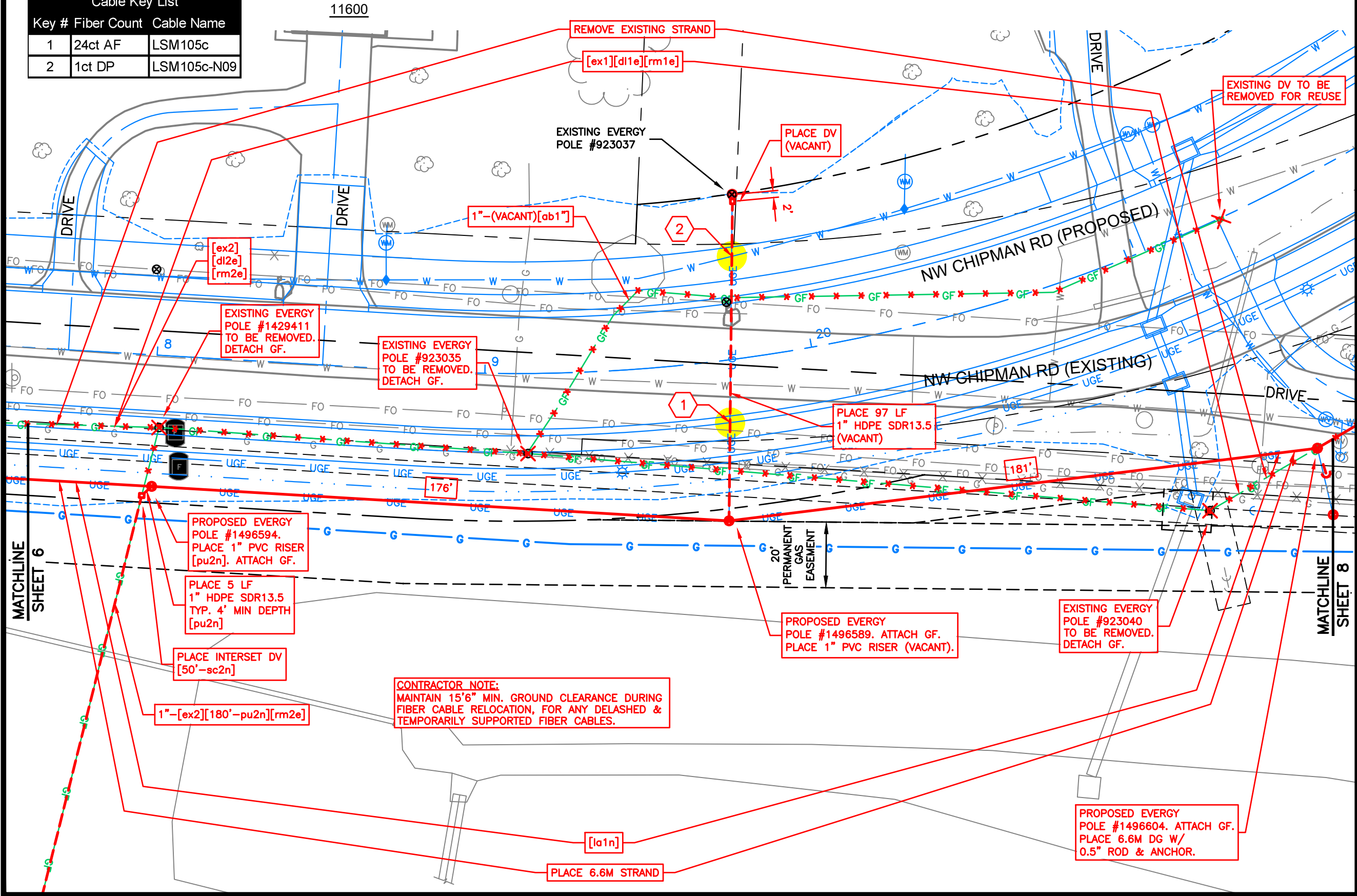
EXTRA DEPTH NOTE #1

PROPOSED SURFACE EL. 939.5'  
EXISTING SURFACE EL. 938.5'  
PROPOSED BOTTOM OF ROAD SUBGRADE EL. 937.0'  
PLACE TOP OF GF DUCT EL. 933.0'

EXTRA DEPTH NOTE #2

EXISTING SURFACE EL. 937.5'  
PROPOSED SURFACE EL. 936.5'  
PROPOSED BOTTOM OF 12" PVC PIPE EL. 931.5'  
PLACE TOP OF GF DUCT EL. 926.5'

Cable Key List		
Key #	Fiber Count	Cable Name
1	24ct AF	LSM105c
2	1ct DP	LSM105c-N09



- NOTES:
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  6. MAINTAIN 24" MINIMUM CLEARANCE OVER OR UNDER WATER, STORM & SANITARY SEWERS.

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CIVIL ENGINEERING / SURVEYING / UTILITIES

Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

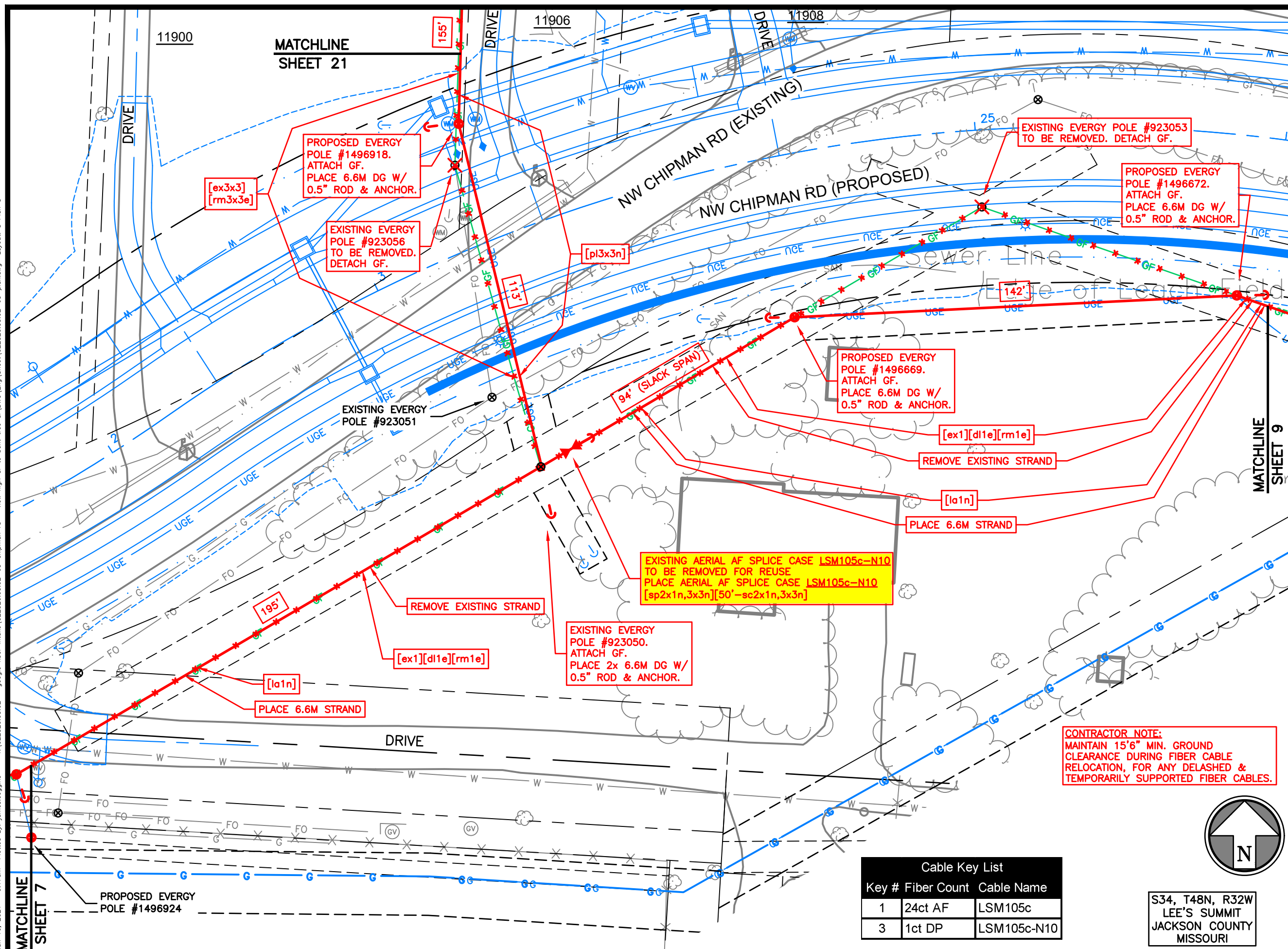
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Project No.: 022320.05.02-65

Date Drawn: 06-15-21

Drawn: JNC	Sheet: 7
Checked: LGM	
Approved: MB	
Scale: 1" = 30'	7 of 23



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NOTES:

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Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address:  
NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title: CONSTRUCTION DRAWING

Project No.: 022320 05 02-65

Date Drawn: 06-15-21

Drawn: \_\_\_\_\_, INC.

Checked: \_\_\_\_\_ I GM

Approved: MB

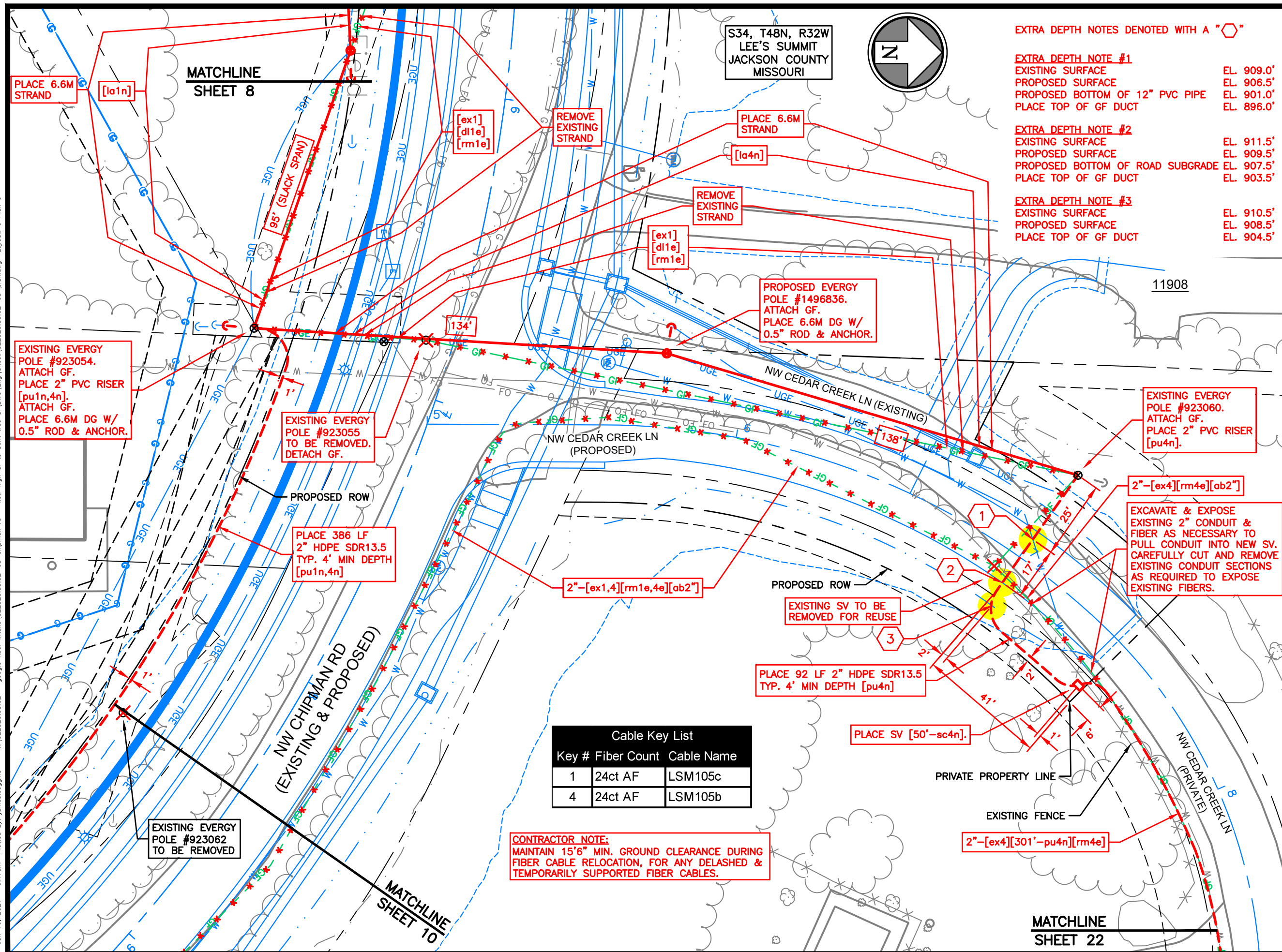
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Sheet: 8

Cable Key List		
Key #	Fiber Count	Cable Name
1	24ct AF	LSM105c
3	1ct DP	LSM105c-N10

S34, T48N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI



[illegible]

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The logo for the 811 service, featuring the number 811 inside a shield-like shape with a shovel icon at the bottom.

Site Address:  
NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Project No.: 022320.05.02-65

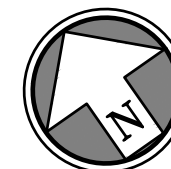
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Checked:	LGM	
Approved:	MB	
Scale:	1" = 30'	



EXTRA DEPTH NOTE	
PROPOSED/EXISTING SURFACE	EL. 861.0'
PROPOSED BOTTOM OF 24" RCP	EL. 855.5'
PLACE TOP OF GF DUCT	EL. 850.5'

S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI

<u>EXTRA DEPTH NOTE</u>	
PROPOSED SURFACE	EL. 860.5'
EXISTING SURFACE	EL. 854.0'
PROPOSED BOTTOM OF 48" RCP	EL. 852.0'
PLACE TOP OF GF DUCT	EL. 847.0'

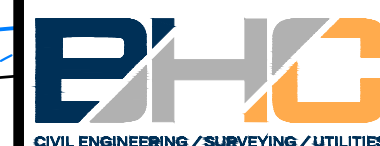
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Google Fiber



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CHIPMAN ROAD  
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JACKSON COUNTY, MISSOURI

Sheet Title:  
CONSTRUCTION DRAWING

Project No.:	022320.05.02-65
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Date Drawn: 06-15-21

Drawn: JNC

Checked: LGM

Approved: MB

Scale: 1" = 30'

Sheet

10

10 of 23

Cable Key List		
Key #	Fiber Count	Cable Name
1	24ct AF	LSM105c
4	24ct AF	LSM105b
5	24ct DF	MCI137a
6	12ct AF	LSM105d

**CONTRACTOR NOTE:**  
MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING  
FIBER CABLE RELOCATION, FOR ANY DELASHED &  
TEMPORARILY SUPPORTED FIBER CABLES.

PLACE 128 LF  
2x2" HDPE SDR13.5  
TYP. 4' MIN DEPTH  
2"-[pu5n],  
2"-[pu1n,4n,6n]

PLACE SV  
[50'-sc1n,4n,5n,6n]

PLACE 65 LF  
2x2" HDPE SDR13.5  
TYP. 4' MIN DEPTH  
2"-[pu5n],  
2"-[pu1n,4n,6n]

$$2'' - [ex5][rm5e][ab2'']$$

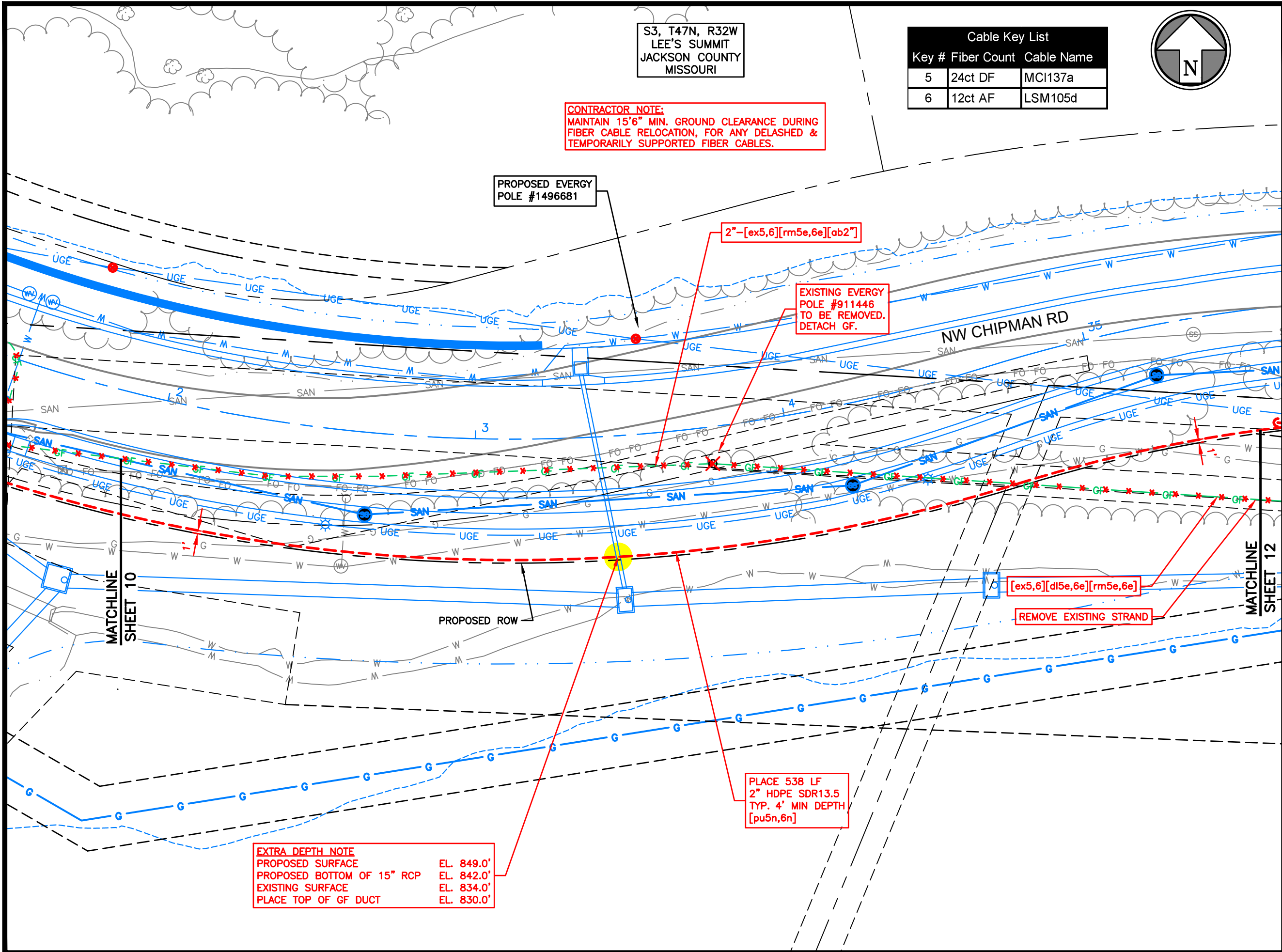
$$2'' - [ex1,4,6][rm1e,4e,6e][ab2'']$$

EXISTING LV W/ LCP CABINET  
MCI137a TO LSM105  
[tm1n,4n,5n,6n]  
[50'-sc1n,4n,5n,6n]

— EXISTING 2" CONDUIT W/  
96ct AF LSM105g



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**Google Fiber**

**PHC**  
CIVIL ENGINEERING / SURVEYING / UTILITIES

Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title: CONSTRUCTION DRAWING

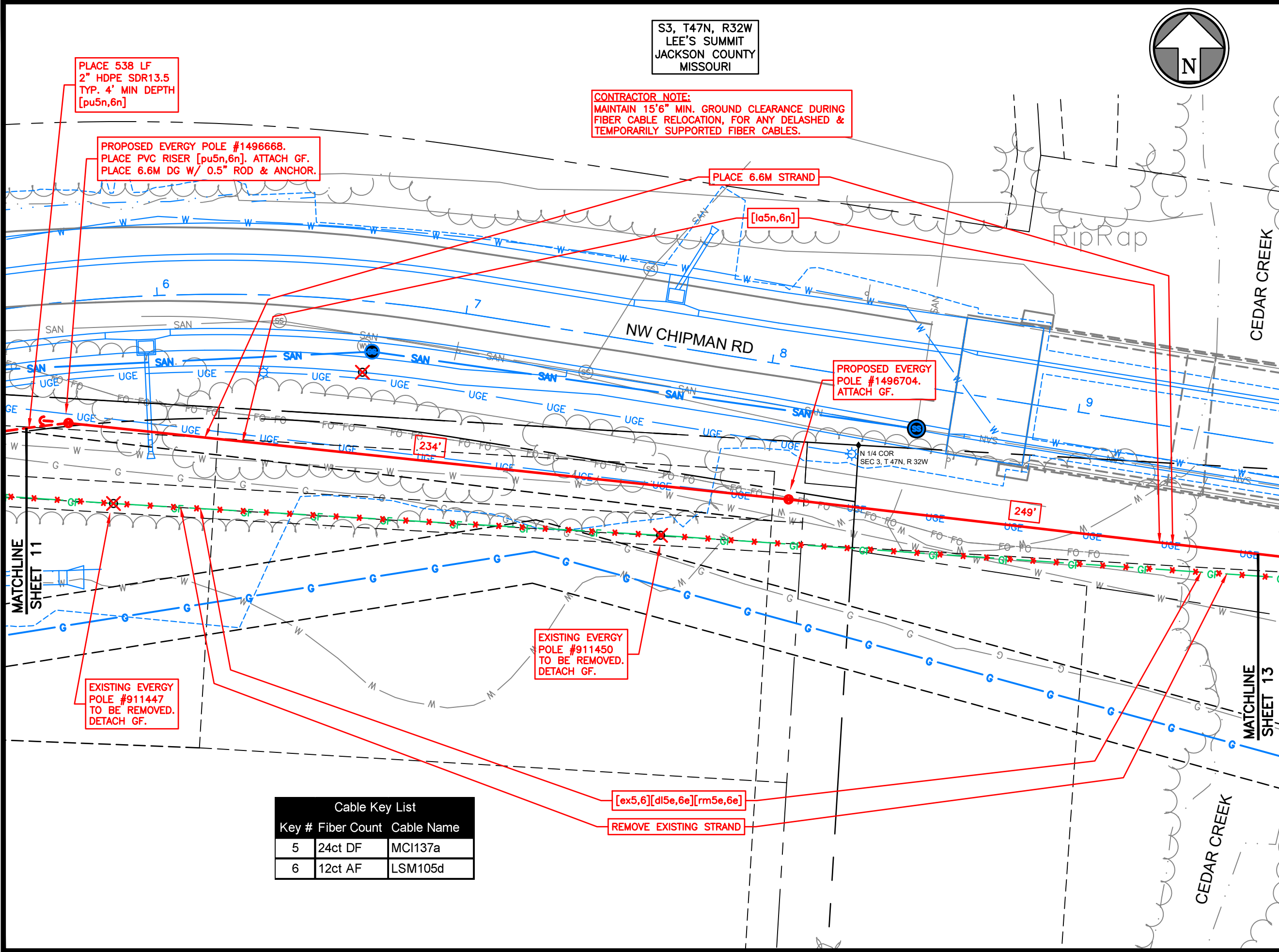
Project No.: 022320.05.02-65

Date Drawn: 06-15-21

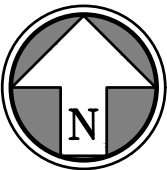
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Approved:	MB	
Scale:	1" = 30'	

11 of 23

T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree drive\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 12 Plan 12  
Jun 16, 2021 - 9:17am Plotted By: james.coggins



S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI



PLACE 538 LF  
2" HDPE SDR13.5  
TYP. 4' MIN DEPTH  
[pu5n,6n]

PROPOSED EVERGY POLE #1496668.  
PLACE PVC RISER [pu5n,6n]. ATTACH GF.  
PLACE 6.6M DG W/ 0.5" ROD & ANCHOR.

CONTRACTOR NOTE:  
MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING  
FIBER CABLE RELOCATION, FOR ANY DELASHED &  
TEMPORARILY SUPPORTED FIBER CABLES.

PLACE 6.6M STRAND

[la5n,6n]

PROPOSED EVERGY POLE #1496704.  
ATTACH GF.

[.234']

[249']

EXISTING EVERGY POLE #911447  
TO BE REMOVED.  
DETACH GF.

EXISTING EVERGY POLE #911450  
TO BE REMOVED.  
DETACH GF.

[ex5,6][dl5e,6e][rm5e,6e]

REMOVE EXISTING STRAND

Cable Key List		
Key #	Fiber Count	Cable Name
5	24ct DF	MCI137a
6	12ct AF	LSM105d

Rev.	Date	Description	By	Ckd	App.

- NOTES:
1. LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE AND WERE TAKEN FROM FIELD MARKINGS AND CITY/PRIVATE UTILITY INFORMATION TO THE EXTENT THEY WERE AVAILABLE. UTILITY INFORMATION SHOWN IS NOT TO BE TAKEN AS COMPLETE OR EXACT. CONTRACTOR SHALL POT HOLE TO DETERMINE EXACT UTILITY LOCATIONS.
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  6. MAINTAIN 24" MINIMUM CLEARANCE OVER OR UNDER WATER, STORM & SANITARY SEWERS.

**Dig Safely. 811**  
Kansas One-Call  
1-800-344-7233

Google Fiber



Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title:  
CONSTRUCTION DRAWING

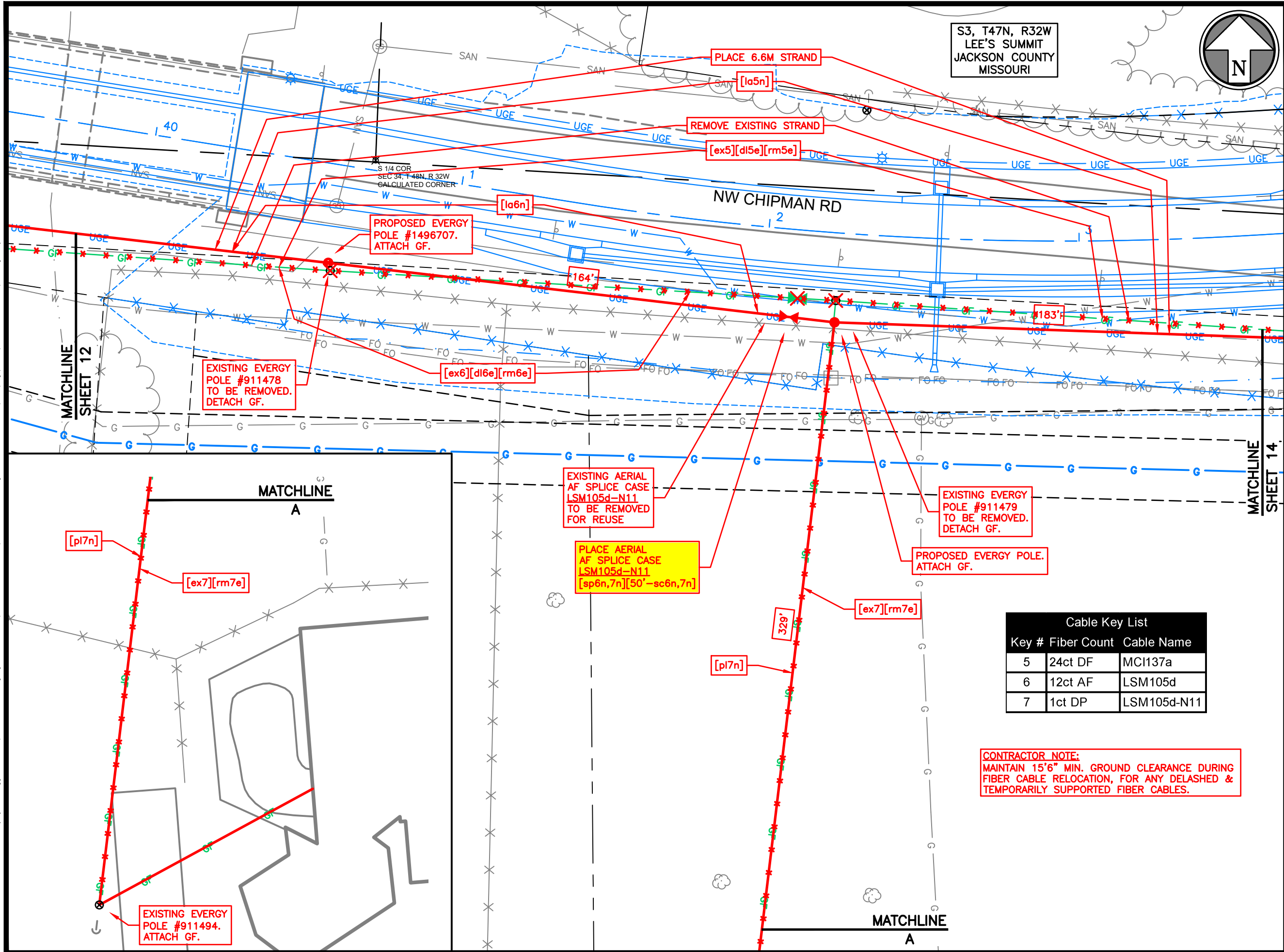
Project No.: 022320.05.02-65

Date Drawn: 06-15-21

Drawn: JNC	Sheet:  <b>12</b>  12 of 23
Checked: LGM	
Approved: MB	
Scale: 1" = 30'	



Jun 16, 2021 - 9:18am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree drive\022320.05.02-65-plan.dwg Layout: 13 Plan 13



S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI

Rev.	Date	Description	By	Ckd	App.

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1-800-344-7233

Google Fiber



Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title: CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

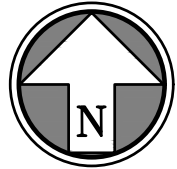
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Jun 16, 2021 - 9:18am Plotted By: james.coggins

Cable Key List		
Key #	Fiber Count	Cable Name
5	24ct DF	MCI137a

S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI

CONTRACTOR NOTE:  
MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING  
FIBER CABLE RELOCATION, FOR ANY DELASHED &  
TEMPORARILY SUPPORTED FIBER CABLES.



Rev.	Date	Description	By	Ckd	App.

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Google Fiber



Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

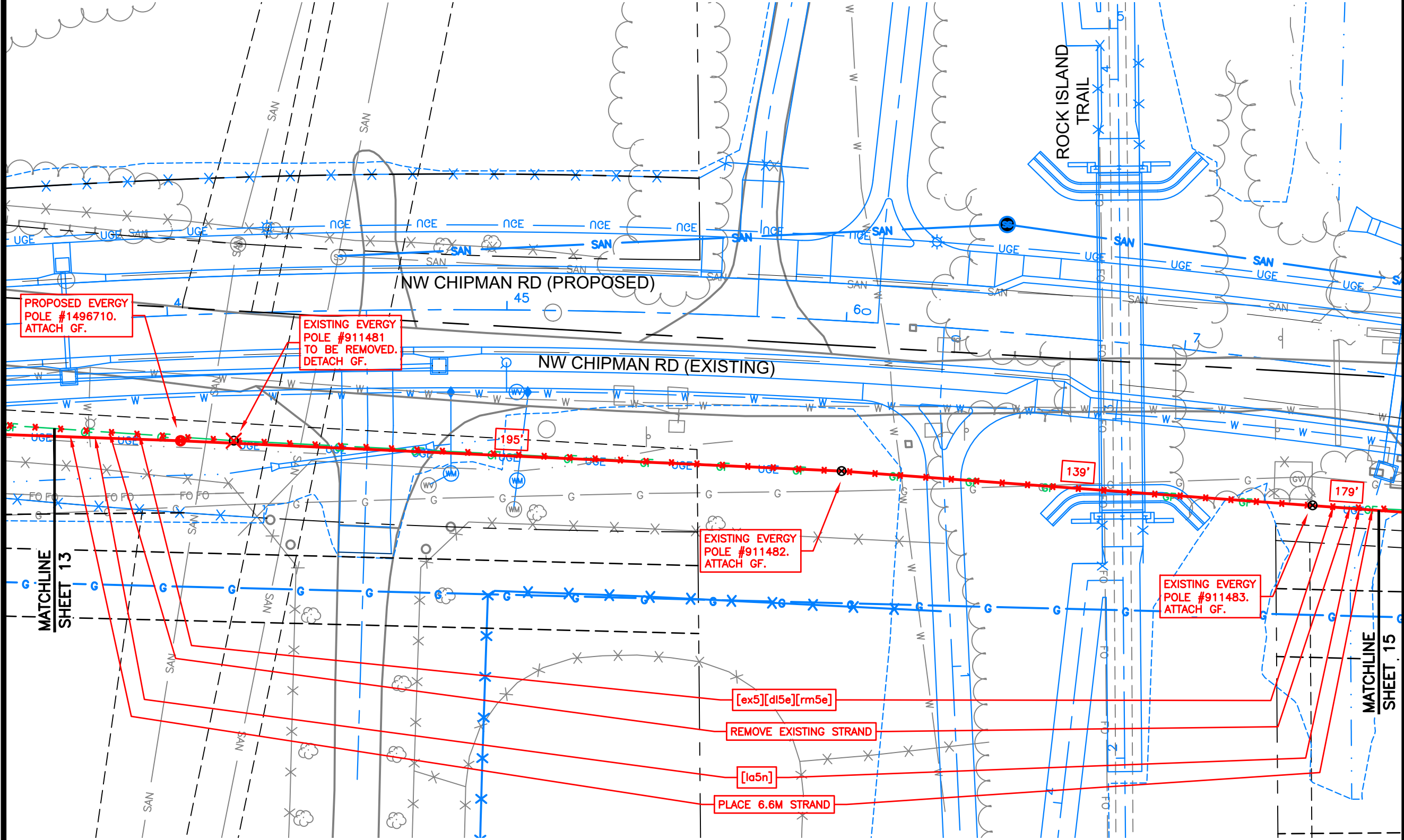
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NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title: CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

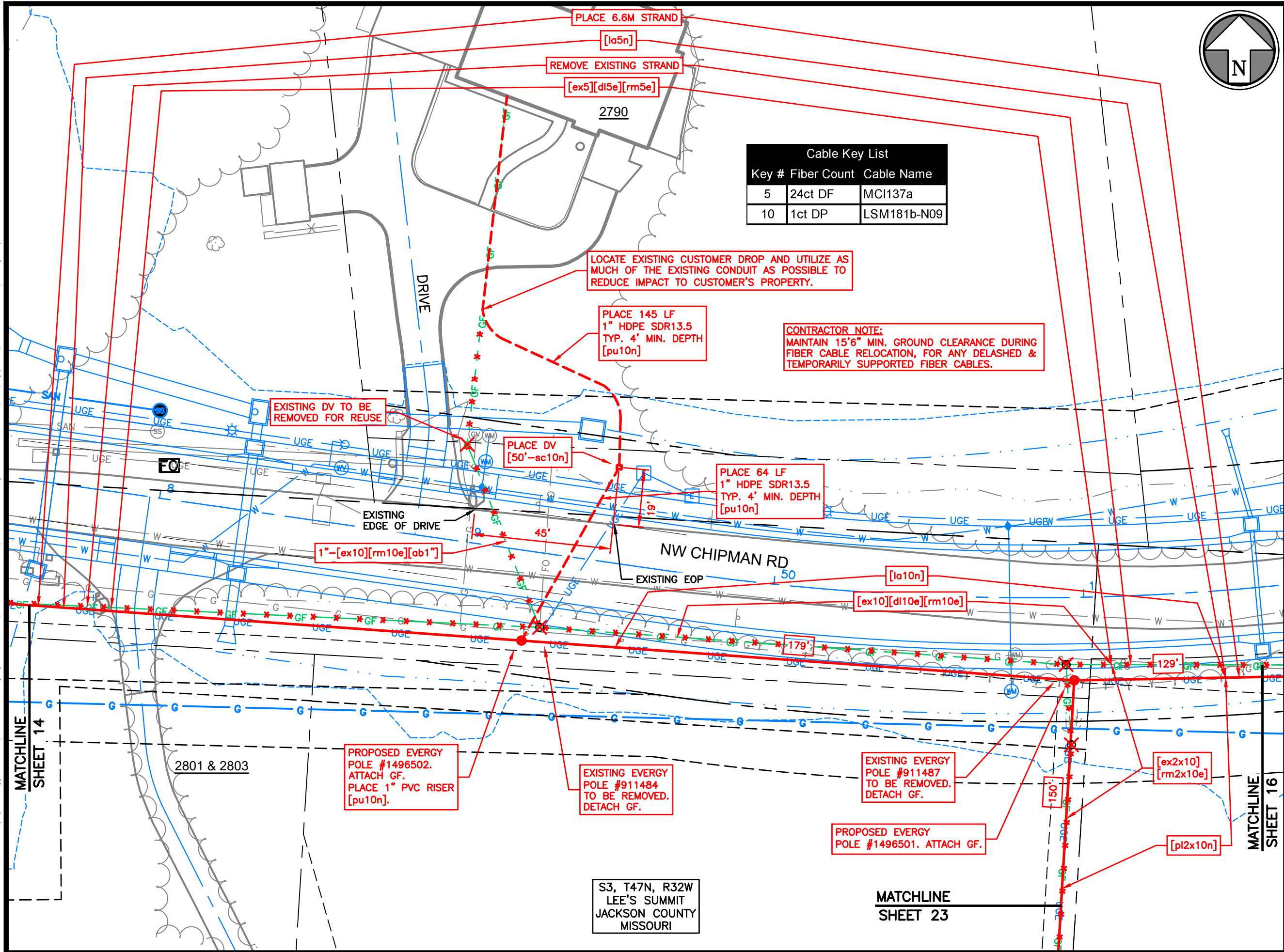
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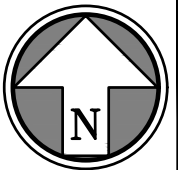




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Cable Key List		
Key #	Fiber Count	Cable Name
5	24ct DF	MCI137a
10	1ct DP	LSM181b-N09



Rev.	Date	Description	By	Ckd	App.

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Kansas One-Call  
1-800-344-7233

**Google Fiber**



Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title: CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

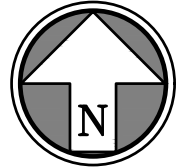
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Jun 16, 2021 - 9:18am Plotted By: james.coggins

CONTRACTOR NOTE:  
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FIBER CABLE RELOCATION, FOR ANY DELASHED &  
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S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI



PLACE 6.6M STRAND

[1a5n,3x10n]

REMOVE EXISTING STRAND

[ex5,3x10][dl5e,3x10e][rm5e,3x10e]

NW CHIPMAN RD

MATCHLINE  
SHEET 15

PROPOSED EVERGY  
POLE #1496503.  
ATTACH GF.

EXISTING EVERGY  
POLE #911489.  
ATTACH GF.  
PLACE 6.6M DG W/  
0.5" ROD & ANCHOR.

MATCHLINE  
SHEET 17

DRIVE

Cable Key List		
Key #	Fiber Count	Cable Name
5	24ct DF	MCI137a
10	1ct DP	LSM181b-N09

Rev.	Date	Description	By	Ckd	App

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Kansas One-Call  
1-800-344-7233

Google Fiber



Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title:  
CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

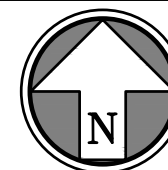
Date Drawn: 06-15-21

Drawn: JNC	Sheet:  <b>16</b>  16 of 23
Checked: LGM	
Approved: MB	
Scale: 1" = 30'	



Cable Key List		
Key #	Fiber Count	Cable Name
5	24ct DF	MCI137a
8	48ct DF	MCI137a
9	24ct AF	LSM181b
10	1ct DP	LSM181b-N09

**MATCHLINE**  
**SHEET 19**

[illegible]

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Google Fiber

Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Sheet Title:  
CONSTRUCTION DRAWING

Date Drawn: 06-15-2

Drawn:	INC.	Sheet:
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Approved: \_\_\_\_\_ MP \_\_\_\_\_

Scale: 1" = 20'

17

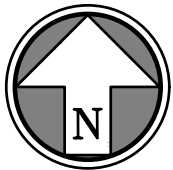
17 of 23

T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree drive.dwg 022320.05.02-65-plan.dwg Layout: 18 Plan 18  
Jun 16, 2021 - 9:19am Plotted By: james.coggins

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S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI

Cable Key List		
Key #	Fiber Count	Cable Name
8	48ct DF	MCI137a
9	24ct AF	LSM181b



Rev.	Date	Description	By	Ckd	App.

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Google Fiber



Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

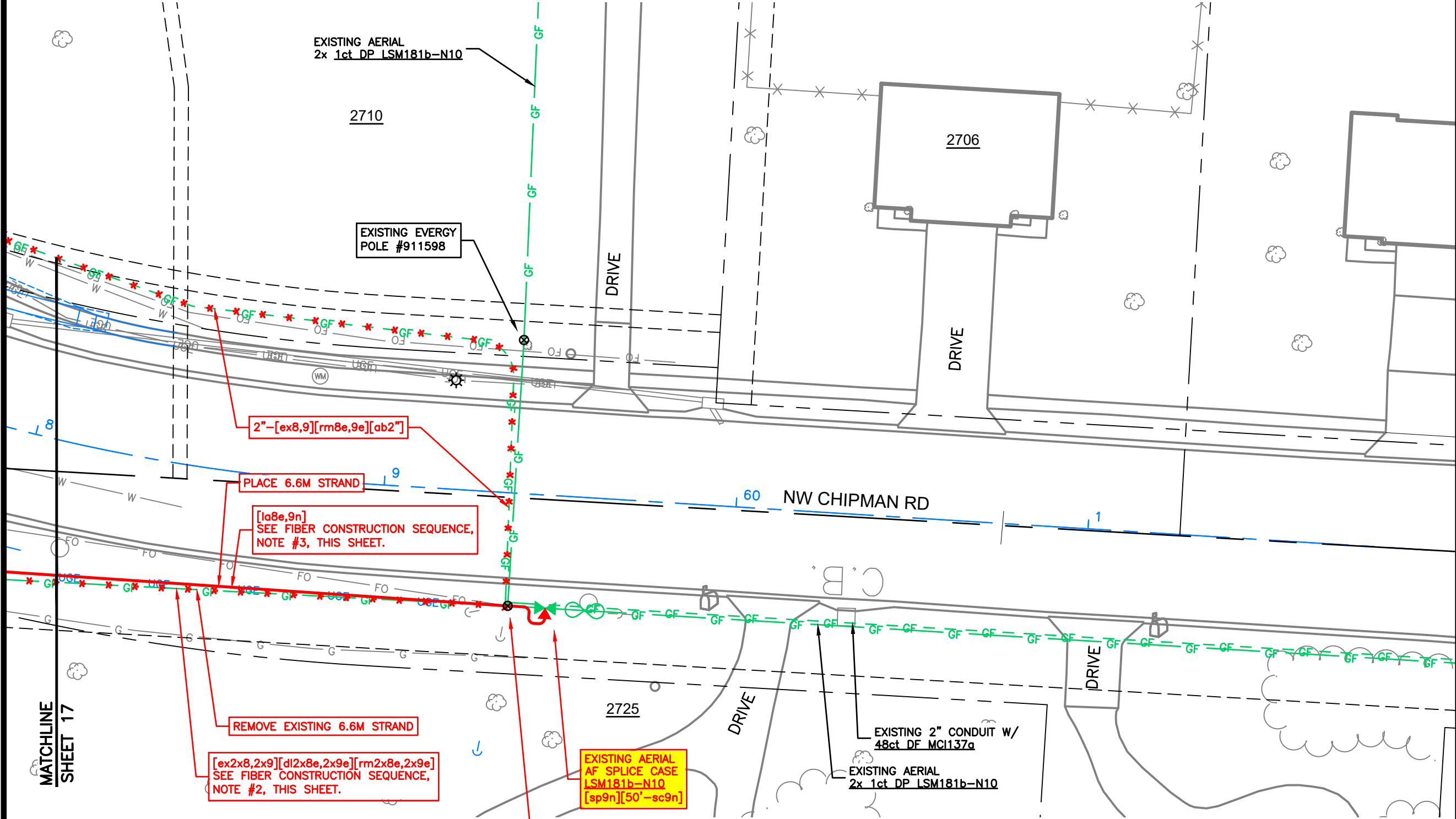
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CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

Drawn: JNC	Sheet:
Checked: LGM	18
Approved: MB	
Scale: 1" = 30'	

18 of 23



EXISTING EVERGY POLE #911508. ATTACH GF.  
JOIN NEW 6.6M STRAND TO EXISTING STRAND.  
SEE FIBER CONSTRUCTION SEQUENCE,  
NOTE #2, THIS SHEET.

**48ct DF MCI137a FIBER CONSTRUCTION SEQUENCE:**  
1. DURING MAINTENANCE HOURS (AFTER NEW POLES & STRAND HAVE BEEN PLACED), DISCONNECT EXISTING 48ct DF MCI137a FROM EXISTING DF AERIAL SPLICE MCI137a-M01 ON POLE #911490.  
2. DE-LASH EXISTING 48ct DF MCI137a EAST FROM THE EXISTING STRAND TO POLE #911508.  
3. LASH EXISTING 48ct DF MCI137a ONTO NEW STRAND WEST TO NEW DF AERIAL SPLICE MCI137a-M01 ON NEW POLE #1496952.



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S34, T48N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI

EXISTING 2" CONDUIT W/  
144ct AF LSM181a

MOVE EXISTING LV  
W/ LCP CABINET  
MCI137a TO LSM181  
[tm8n,9n][50'-sc8n,9n]  
  
LCP IS BEING MOVED TO  
AVOID NEW DRIVEWAY AND  
POSSIBLE FUTURE SIDEWALK



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Google Fiber



Project:  
GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address:  
NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

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CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

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Approved: MB	
Scale: 1" = 30'	

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Cable Key List		
Key #	Fiber Count	Cable Name
8	48ct DF	MCI137a
9	24ct AF	LSM181b
10	1ct DP	LSM181b-N09

1"-[ex10][324'-pu10n][rm10e]

2"-[ex8,9][rm8e,9e][ob2"]

PLACE 270 LF  
2" HDPE SDR13.5  
TYP. 4' MIN. DEPTH  
[pu8n,9n]

MATCHLINE  
SHEET 17

EXISTING ROW

NW BENT TREE DR (WEST)

NW BENT TREE DR (EAST)

DRIVE (PROPOSED)

DRIVE (EXISTING)

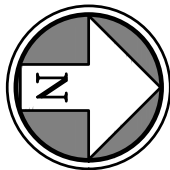
NW BENT TREE DR

2718

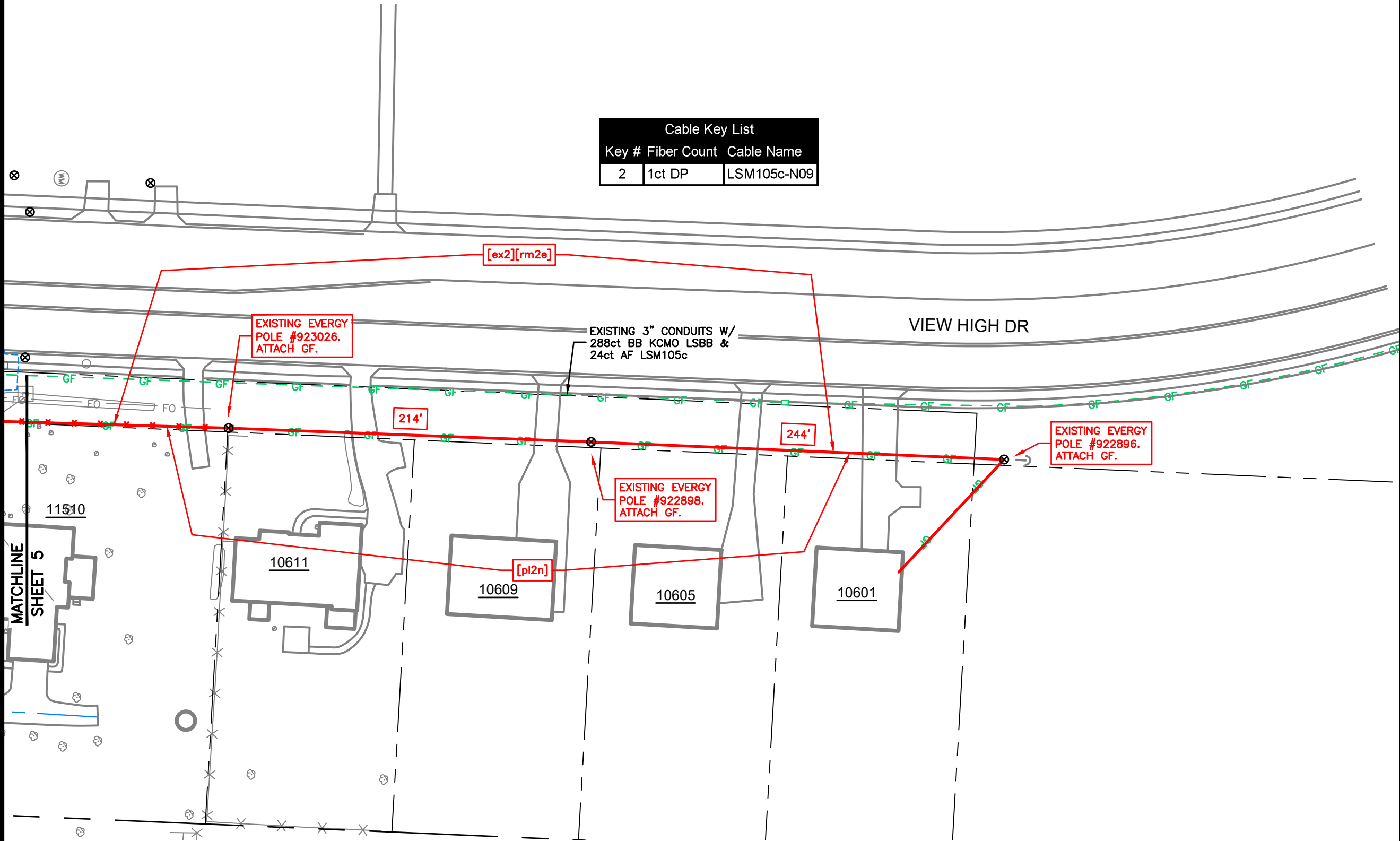
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MISSOURI



Cable Key List		
Key #	Fiber Count	Cable Name
2	1ct DP	LSM105c-N09



Rev.	Date	Description	By	Ckd	App

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**PHC**  
CIVIL ENGINEERING / SURVEYING / UTILITIES

Project:  
GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address:  
NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

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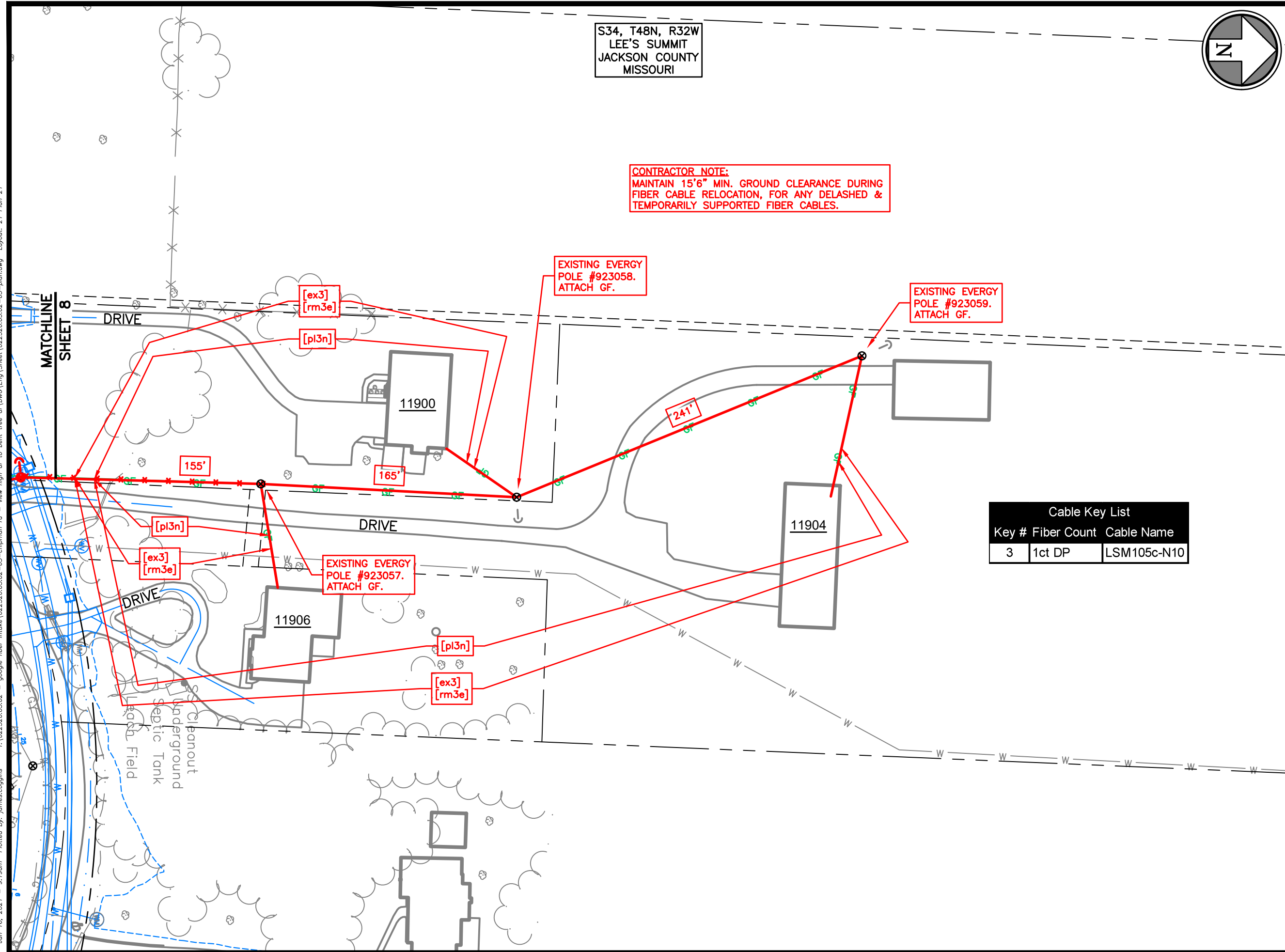
Project No.: 022320.05.02-65

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Drawn: JNC	Sheet: <b>20</b> 20 of 23
Checked: LGM	
Approved: MB	
Scale: 1" = 60'	



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Cable Key List		
Key #	Fiber Count	Cable Name
3	1ct DP	LSM105c-N10

Rev.	Date	Description	By	Ckd	App

- NOTES:
1. LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE AND WERE TAKEN FROM FIELD MARKINGS AND CITY/PRIVATE UTILITY INFORMATION TO THE EXTENT THEY WERE AVAILABLE. UTILITY INFORMATION SHOWN IS NOT TO BE TAKEN AS COMPLETE OR EXACT. CONTRACTOR SHALL POT HOLE TO DETERMINE EXACT UTILITY LOCATIONS.
  2. CONTRACTOR SHALL NOTIFY ONE-CALL SERVICE IN ACCORDANCE WITH STATE LAW PRIOR TO BEGINNING WORK.
  3. RIGHT OF WAY INFORMATION SHOWN IS APPROXIMATE.
  4. ALL EXCAVATIONS AND WORK IN CONFINED SPACES SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA REQUIREMENTS AND REGULATIONS.
  5. ALL WORK SHALL CONFORM TO CLIENT SPECIFICATIONS AND CITY, COUNTY OR STATE STANDARDS AND SPECIFICATIONS AND PERMITS.
  6. MAINTAIN 24" MINIMUM CLEARANCE OVER OR UNDER WATER, STORM & SANITARY SEWERS.

**Dig Safely. 811**  
Kansas One-Call  
1-800-344-7233



Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title: CONSTRUCTION DRAWING

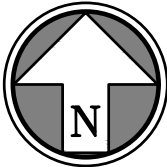
Project No.: 022320.05.02-65

Date Drawn: 06-15-21

Drawn: JNC	Sheet:  <b>21</b>  21 of 23
Checked: LGM	
Approved: MB	
Scale: 1" = 60'	

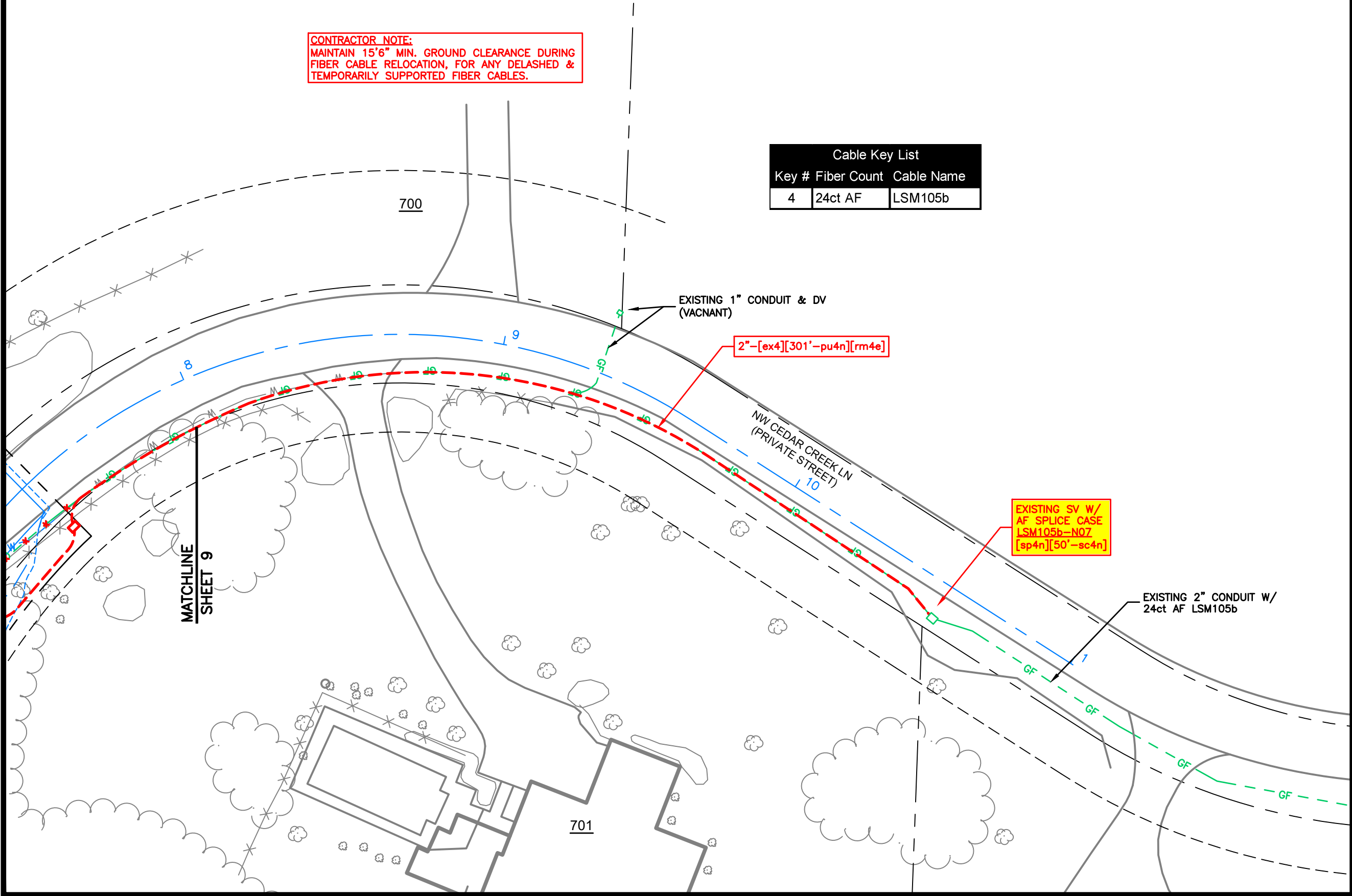
T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 22 Plan 22  
Jun 16, 2021 - 9:19am Plotted By: james.coggins

S34, T48N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI



**CONTRACTOR NOTE:**  
MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING  
FIBER CABLE RELOCATION, FOR ANY DELASHED &  
TEMPORARILY SUPPORTED FIBER CABLES.

Cable Key List		
Key #	Fiber Count	Cable Name
4	24ct AF	LSM105b



Rev.	Date	Description	By	Ckd	App.

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Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title:  
CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

Drawn:	JNC
Checked:	LGM
Approved:	MB
Scale:	1" = 30'

Sheet:  

22

22 of 23



T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 23 Plan 23  
Jun 16, 2021 - 9:19am Plotted By: james.coggins

CONTRACTOR NOTE:  
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S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI



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Google Fiber



Project:  
GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address:  
NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
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Sheet Title:  
CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

Drawn:	JNC	Sheet:  23  23 of 23
Checked:	LGM	
Approved:	MB	
Scale:	1" = 60'	

Cable Key List		
Key #	Fiber Count	Cable Name
10	1ct DP	LSM181b-N09

