

ACCESS TRANSMISSION SERVICES CORP D/B/A VERIZON ACCESS TRANSMISSION

OUTSIDE PLANT CONSTRUCTION FIBER OPTIC CABLE ROUTE

CITY OF MAPLE GROVE ROW PERMIT

MAPLE GROVE, MINNESOTA

PERMIT1804BZDZ.2_MPLG: BEGINNING NEAR THE INTERSECTION WITH 89TH AVENUE N. AND LAWINDALE LANE N., PROCEEDING ON 89TH AVENUE N. TO DUNKIRK LANE N., PROCEEDING NORTH ON DUNKIRK LANE TO BEHIND 16701 94TH AVENUE N. JUST NORTH OF THE INTERSECTION WITH 92ND AVENUE N.



PERMIT STATUS: ISSUED FOR PERMITTING

DATE: 03/25/2021

RESUBMITTED:06/04/2021

Know what's below.
Call 811 before you dig.

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

TRAVIS JOHN JONES

PREPARED BY
KLJ ENGINEERING,LLC
370 WABASHA STREET N.
SUITE 300
ST. PAUL, MINNESOTA 55102
PHONE (651)222-2176



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INDEX SHEET

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TRAVIS JOHN JONES

Signature:	MAINS	Jones	
Date: 06/04/2	2021	vicense #	54688

MCI

PROJECT:1804BZDZ.2_MPLG

MAPLE GROVE, MN

CLARIFICATION	NO.	QUANTITY
ACCESS TRANSMISSION SERVICES, LLC	OUTSIDE PLANT CONSTRUCTION	INDEX SHEET

DATE: 01/29/2021 ENGINEER: KLJ

DRAWN BY: N. WALLENTA

REVISIONS

DATE:	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL:

VERTICAL:

FILE: MINNEAPOLIS_ContactSheet

CONTACT SHEET

VERIZON BUSINESS

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OSP ENGINEER
1200 WASHINGTON AVENUE N.
MINNEAPOLIS,MN
612-919-1751
ANDREW.FRETTE@VERIZON.COM

CONSTRUCTION CONTRACTOR

MP NEXLEVEL, LLC BILL BORELL AREA MANAGER 500 COUNTY ROAD 37E MAPLE LAKE, MN 55358 320-963-2400 BBORELL@MPNEXLEVEL.COM

CITY GOVERNMENT

CITY OF MAPLE GROVE BUILDING INSPECTION SERVICES 12800 ARBOR LAKES PARKWAY MAPLE GROVE, MN 55369 763-494-6060

DANIELLE CHENEY - PERMITS 763-494-6066 dcheney@maplegrovemn.gov

JAY HUSEBY - PLAN REVIEW 763-494-6074 jhuseby@maplegrovemn.gov

COUNTY GOVERNMENT

HENNEPIN COUNTY TRANSPORTATION OPERATIONS MIKE OLMSTEAD PERMIT SUPERVISOR 612-596-0336 MICHAEL.OLMSTEAD@HENNEPIN.MN.US ROADPERMITS@CO.HENNEPIN.MN.US

MAPLE GROVE, MN CLARIFICATION NO. QUANTITY SERVICES, LLC PLANT CONSTRUCTION CONTACT INFORMATION MCImetro ACCESS TRANSMISSION DATE: 03/19/2021 ENGINEER: KLJ DRAWN BY: N. WALLENTA **REVISIONS** DESCRIPTION THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN
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> SHEET __A-3 OF __A-6 FILE: MINNEAPOLIS_ContactSheet

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TRAVIS JOHN JONES

GENERAL NOTES:

- 1. VERIZON BUSINESS COMPRISES THE FOLLOWING OPERATING ENTITIES:
- MCI COMMUNICATIONS SERVICES, INC.
- MCI METRO ACCESS TRANSMISSION SERVICES, LLC
- MCI METRO ACCESS TRANSMISSION SERVICES OF VIRGINIA, INC.
- MCI METRO ACCESS TRANSMISSION SERVICES OF MASSACHUSETTS, INC
- METROPOLITIAN FIBER SYSTEMS OF NEW YORK, INC.
- 2. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, VERIZON BUSINESS AND THE RIGHT-OF-WAY GRANTOR.
- LOCATIONS OF THE PHYSICAL FEATURES WERE OBTAINED FROM A COMBINATION OF FIELD OBSERVATIONS, RECORD DRAWINGS, AND PUBLICLY AVAILABLE INFORMATION/MAPPING. CONTRACTOR TO CONFIRM ACTUAL LOCATIONS OF EXISTING FEATURES ON THE GROUND PRIOR TO CONSTRUCTION, UTILITY LOCATIONS SHALL BE VERIFIED AT LEAST 100 FEET IN ADVANCE OF TRENCHING OR PLOWING, SO CHANGES CAN BE MADE IN CABLE PLACEMENT IN THE EVENT OF DISCOVERING A CONFLICT WITH EXISTING UTILITIES.
- 4. ANY AND ALL IMPROVEMENTS, SUCH AS ASPHALT OR CONCRETE PAVEMENT, CURBS, GUTTERS, WALKS, DRAINAGE DITCHES, EMBANKMENTS, SHRUBS, TREES, GRASS SOD, ETC., IF DAMAGED, SHALL BE RESTORED TO ORIGINAL CONDITION.
- 5. EQUIPMENT TYPES SPECIFIED HEREIN (IE: "BACKHOE", SWAMP PLOW" ETC.) ARE SUGGESTIONS ONLY AND ARE NOT INTENDED AS REQUIREMENTS. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEANS AND METHODS WHICH ARE IN ACCORDANCE WITH LOCAL REGULATIONS AND ACCEPTED PRACTICES FOR THE RESPECTIVE INSTALLATION LOCATIONS.
- 6. CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH APPLICABLE OSHA REGULATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO SHORING OF EXCAVATIONS AND TRENCHES.
- 7. BURIED CABLE MARKERS WILL BE PLACED AT ALL UNDERGROUND UTILITY LOCATIONS AND ALL OTHER LOCATIONS IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS AND THE CURRENT VERSION OF THE OUTSIDE PLANT HANDBOOK.
- 8. ALL 2" ID CONDUIT WILL BE HDPE, OR AS SPECIFIED.
- 9. UNDERGROUND CONDUIT WILL BE PLACED AT 36" MINIMUM COVER UNLESS OTHERWISE SPECIFIED ON THE CONSTRUCTION DRAWINGS.

ADDITIONAL GENERAL CONSTRUCTION NOTES:

- 1. CONTRACTOR SHALL MAINTAIN A COPY OF ALL APPROVED PERMITS FROM ALL APPLICABLE AGENCIES WHEN WORKING ON-SITE. IF A PERMIT IS PENDING OR MISSING, CONTRACTOR SHALL PROVIDE WRITTEN COMMUNICATION RELATED TO THE NECESSARY PERMIT FOR CLARIFICATION BY ENGINEER.
- 2. ANY LANDSCAPING WILL BE REPLACED TO EQUAL OR BETTER THAN THAT WHICH EXISTED PRIOR TO WORK.
- 3. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SECURING THE PROJECT SITE AT THE END OF EACH DAY AS REQUIRED TO PROVIDE PUBLIC SAFETY FROM THE CONSTRUCTION AREA.
- 4. ALL WORK IS TO BE IN ACCORDANCE WITH ANY REGULATORY AUTHORITIES AND/OR STAKEHOLDERS HAVING JURISDICTION WITHIN THE WORK ZONE.
- 5. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL DIMENSIONS, QUANTITIES AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- 6. BEFORE CONSTRUCTION BEGINS, CONTRACTOR SHALL TAKE APPROPRIATE PRECAUTIONS TO AVOID ANY POTENTIAL OBSTRUCTIONS PRIOR TO PROCEEDING WITH WORK.
- 7. NO CONSTRUCTION ON PRIVATE PROPERTY WILL COMMENCE UNTIL APPROVAL IS GIVEN BY THE APPROPRIATE MCI EMPLOYEE.
- AS-BUILTS WILL BE REQUIRED FOR EACH PROJECT INCLUDING CABLE FOOTAGE SEQUENTIAL'S AT EVERY ACCESS POINT, SLACK LOOP, SPLICE LOCATION, POLE AND TERMINATION POINT. CONTRACTOR SHALL PROVIDE NOTES OF ALL CHANGES IN DEPTHS, RUNNING LINES, MH/HH LOCATIONS, AND ANY OTHER APPLICABLE NOTES TO DEPICT THE WORK THAT TOOK PLACE. ALL MAJOR CHANGES NEED TO BE PRE-APPROVED BY AN AUTHORIZED AGENCY/MCI EMPLOYEE PRIOR TO STARTING THE WORK.
- 9. THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO UTILIZE THE GOPHER STATE ONE CALL EXCAVATION NOTICE SYSTEM REQUIRED MN STATUTE, CHAPTER 216D FOR ALL UNDERGROUND UTILITY LOCATIONS.

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Signature:	LAURI	Jones	
Date: 06/04	/2021	License #	54688

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SHEET	A-4	OF	_A-6	<u></u>	

FILE: MINNEAPOLIS_GeneralNotes

LOCATION MAP report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the Blackoaks State of Minnesota. TRAVIS JOHN JONES Signature: TANKA Date: 06/04/2021 License # 54688 92nd Avenue North Avenue Proposed Buried Route Proposed Overpull Existing/Planned MCI Fiber Matchline ---- Railroad Roadways Road System: Interstate Trunk Highway County Road City Roads Township Road 325 162.5 650 Sheets



1804BZDZ.2_MPLG

MAPLE GROVE, MN

-	
CLARIFICATION NO.	QUANTITY
C100	
C101	
C102	
C104 (24x36)	
C105 (30x60)	
C106	
C107	
C108	
C110	
C111	
C112	
C114	
C115	
C200	
C300	
C301	
C302	
C303	
C304	
C103	

OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC CABLE ROUTE 2_MPLG MCImetro ACCESS TRANSMISSION 1804BZDZ

DATE: 3/18/2021 ENGINEER: KLJ

DRAWN BY: K. ZAVORAL

REVISIONS

DATE:	DESCRIPTION	INITIAL

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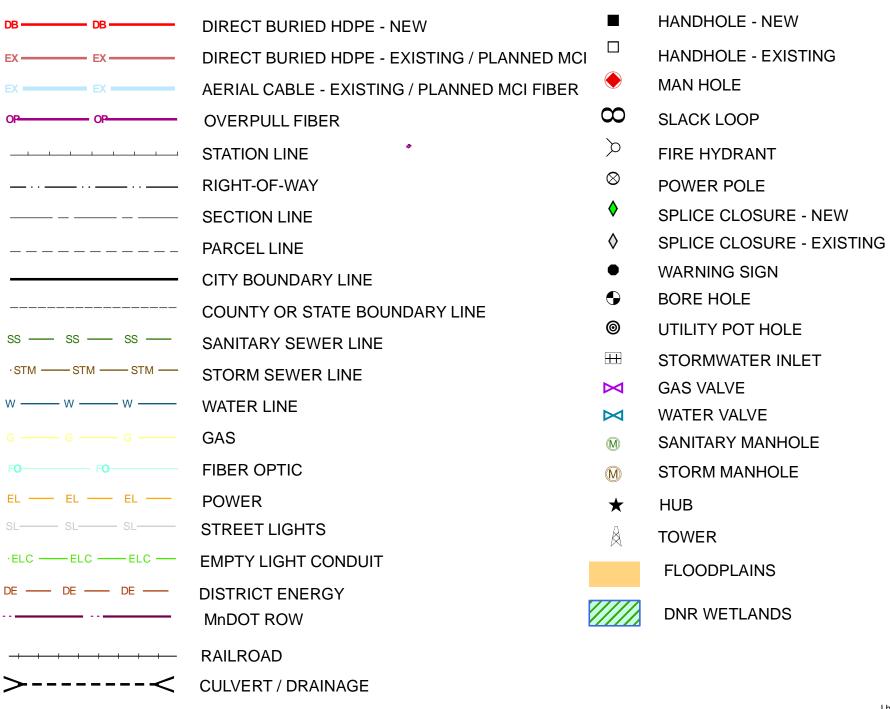
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/ERTICAL:

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FILE: MINNEAPOLIS_NetworkExtension

Legend



SWPP

1. UTILITY AND ROW LINES ARE APPROXIMATE. CONTRACTOR SHALL DETERMINE EXACT LOCATIONS PRIOR TO CONSTRUCTION.

2. ALL UNDERGROUND CABLE SHALL BE PLACED AT A MINIMUM DEPTH OF 36" BELOW THE SURFACE UNLESS OTHERWISE NOTED.

4. ALL UNDERGROUND CABLE SHALL BE PLACED AT A MINIMUM DEPTH OF 48" BELOW PAVEMENT.

3. BORE PITS MAY BE MOVED BASED ON FIELD REVIEWS. THE FINAL AS-BUILT DRAWINGS WILL REFLECT THE FINAL BORE PIT LOCATIONS.

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TRAVIS JOHN JONES		
Signature:	ANINA /	

Date: 06/04/2021

⊈icense # 54688

MAPLE GROVE, MN CLARIFICATION NO. QUANTITY C104 (24x36) C105 (30x60)

C101 C102

C106

C107 C108

C111 C112

C114

C200

C300 C301 C302

C303 C304

C103

SERVICES, LLC

MCImetro TRANSMISSION S

ACCESS .

DATE: 01/29/2021

ENGINEER: KLJ

DRAWN BY: N. WALLENTA

REVISIONS

DESCRIPTION

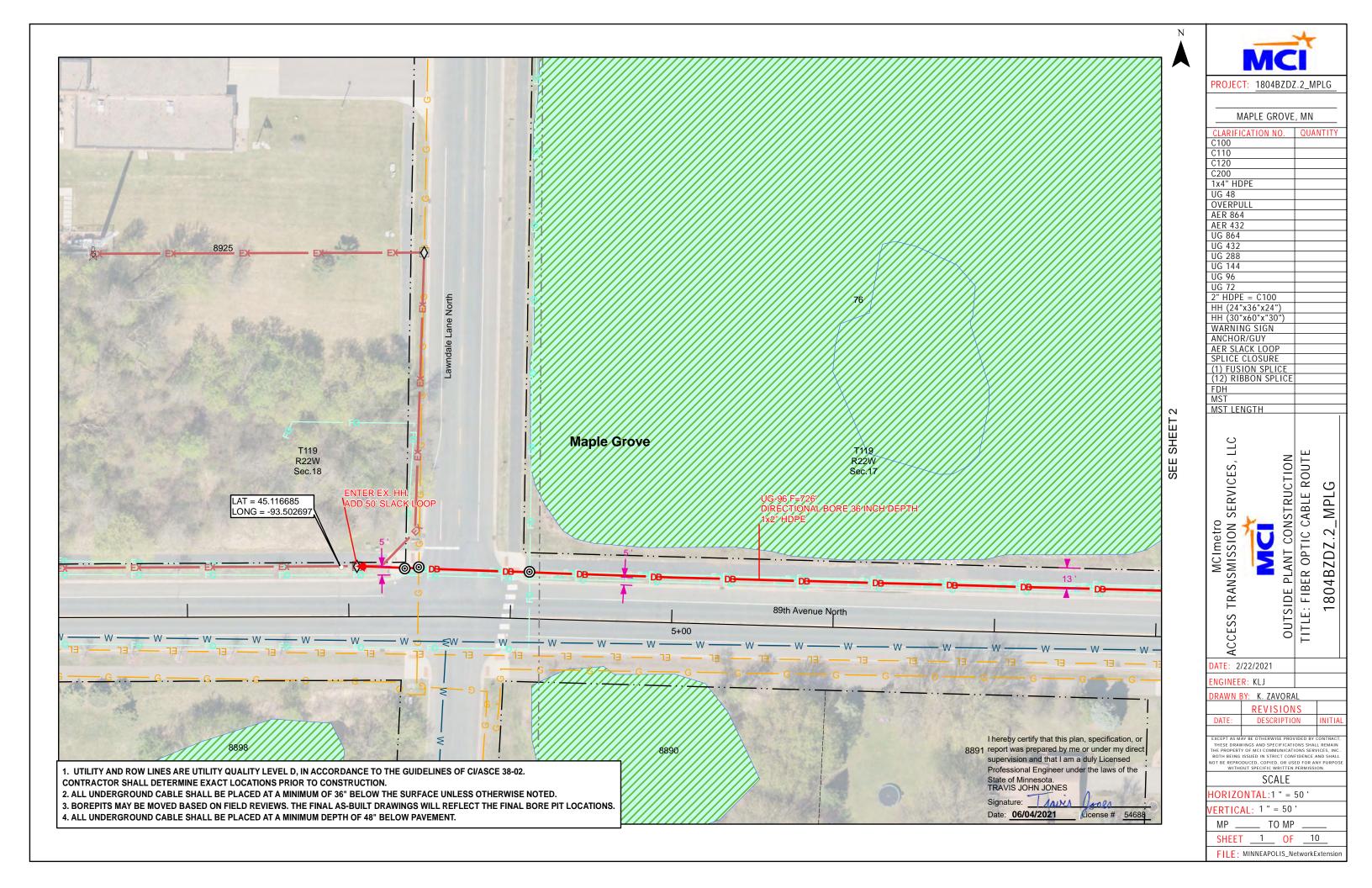
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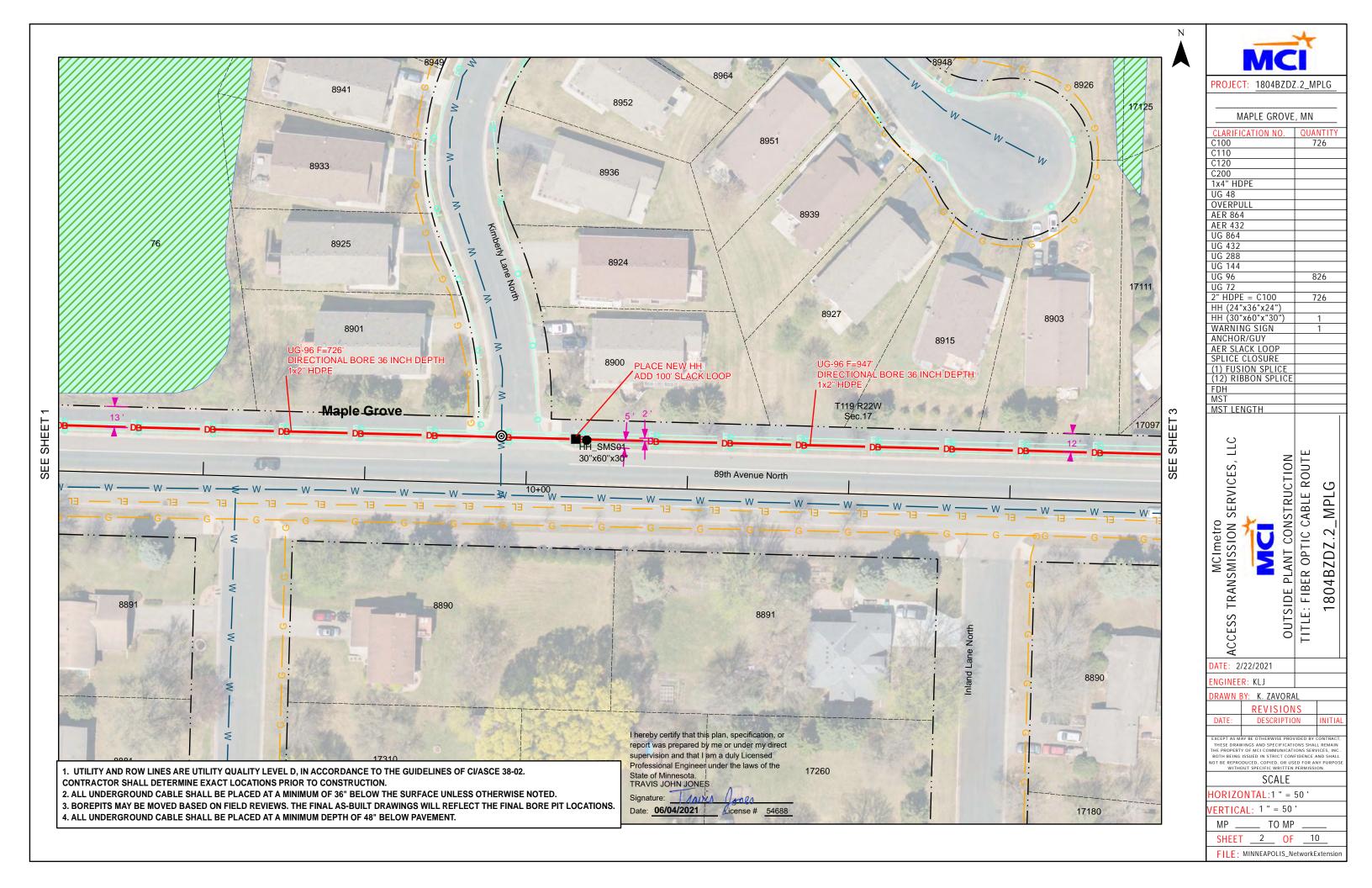
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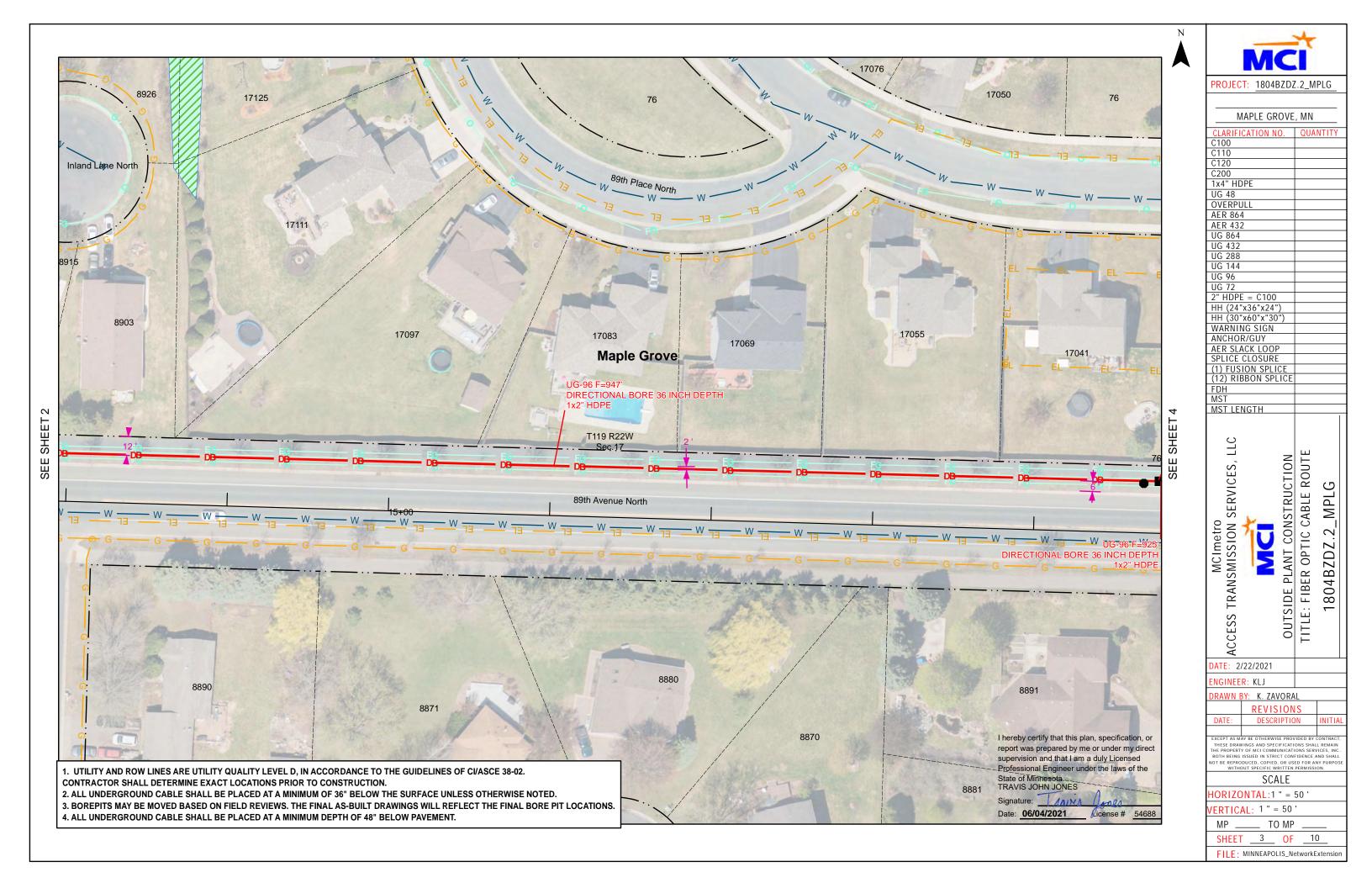
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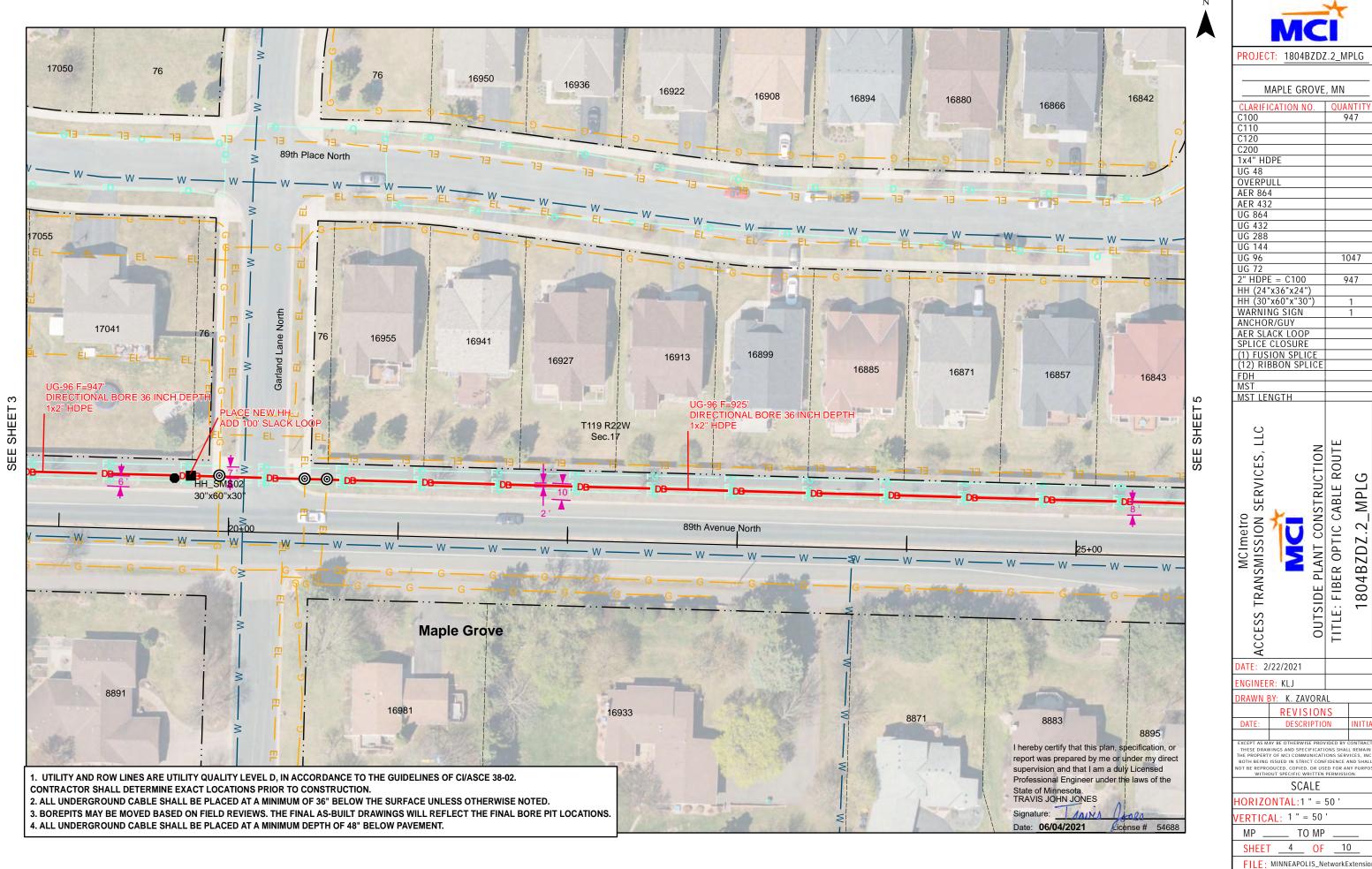
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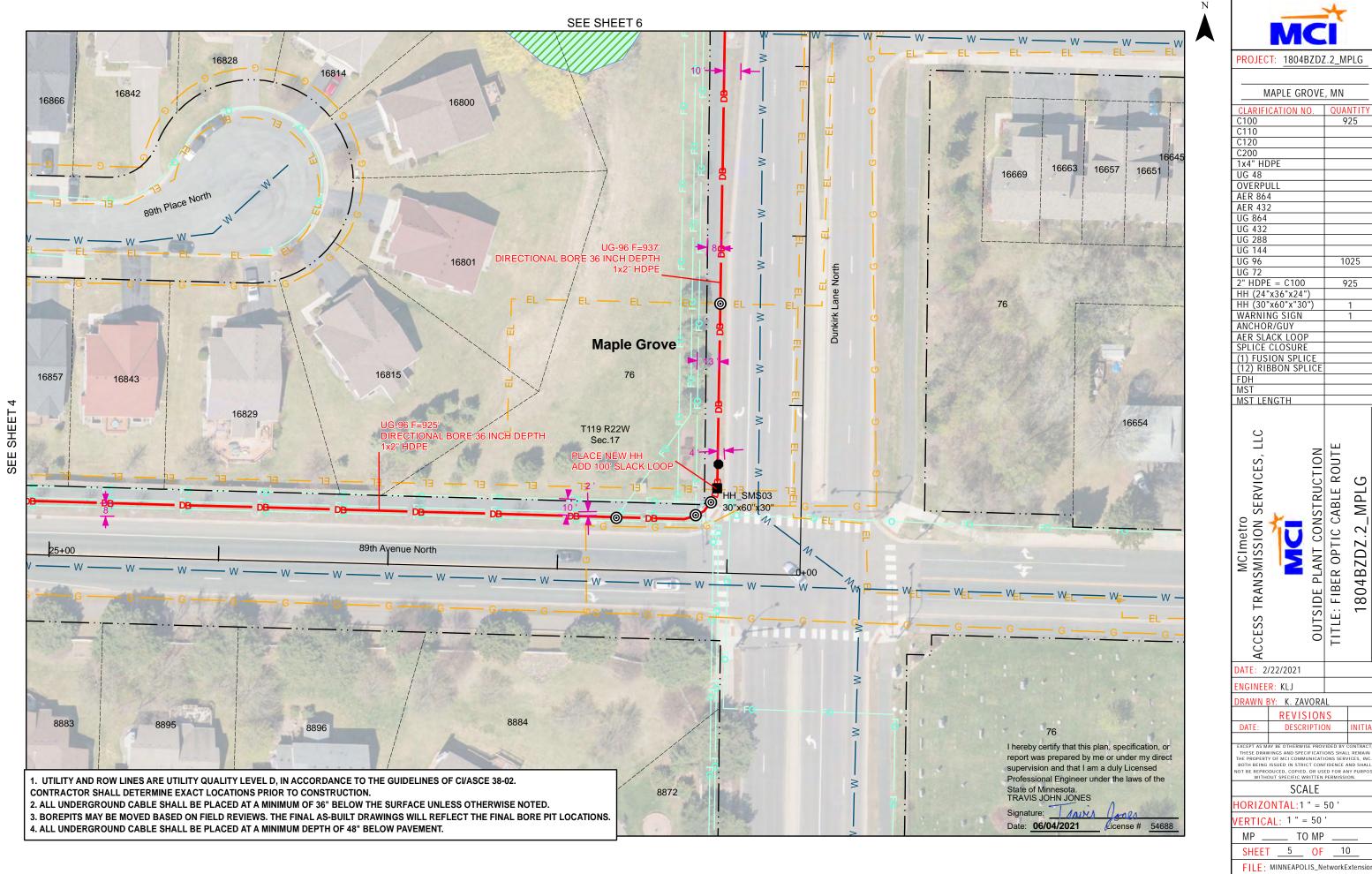






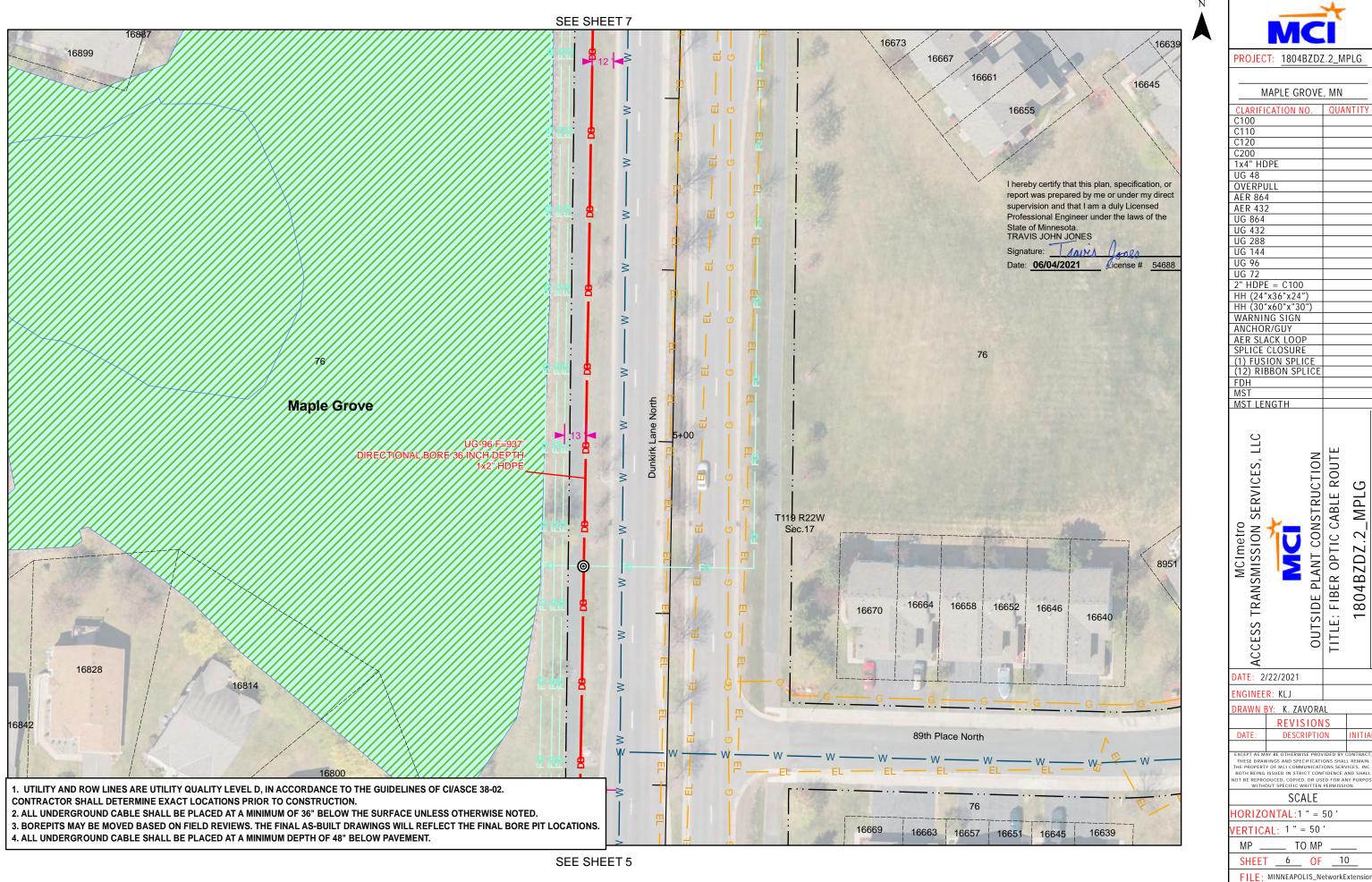


MAPLE GROVE	, MN	
CLARIFICATION NO.	QUANTITY	_
C100	947	
C110		
C120		
C200		
1x4" HDPE		
UG 48		
OVERPULL		
AER 864		
AER 432		
UG 864		
UG 432		
UG 288		
UG 144		
UG 96	1047	
UG 72		
2" HDPE = C100	947	
HH (24"x36"x24")		
HH (30"x60"x"30")	1	
WARNING SIGN	1	
ANCHOR/GUY		
AER SLACK LOOP		
SPLICE CLOSURE		
(1) FUSION SPLICE		_
(12) RIBBON SPLICE		
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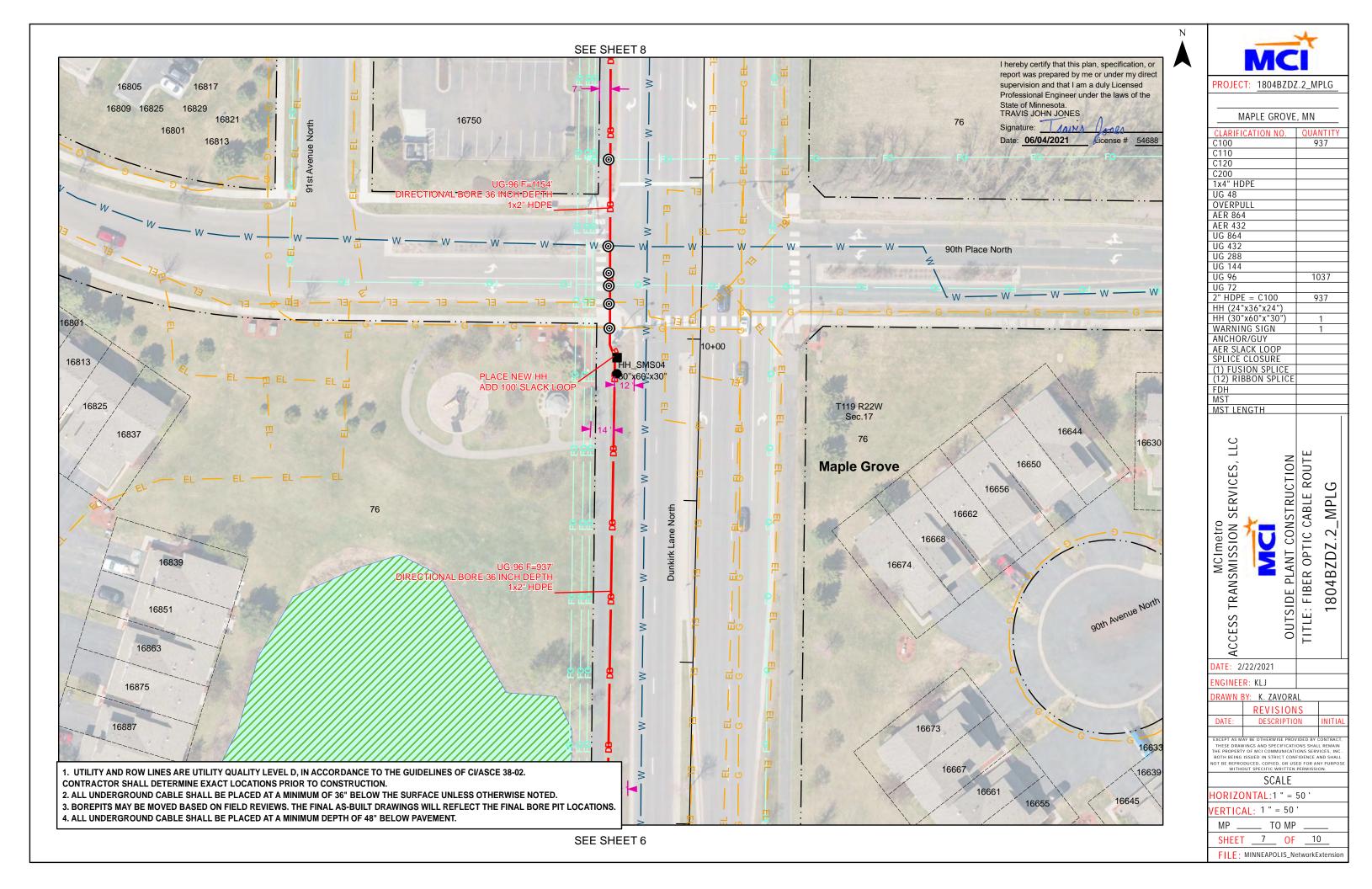


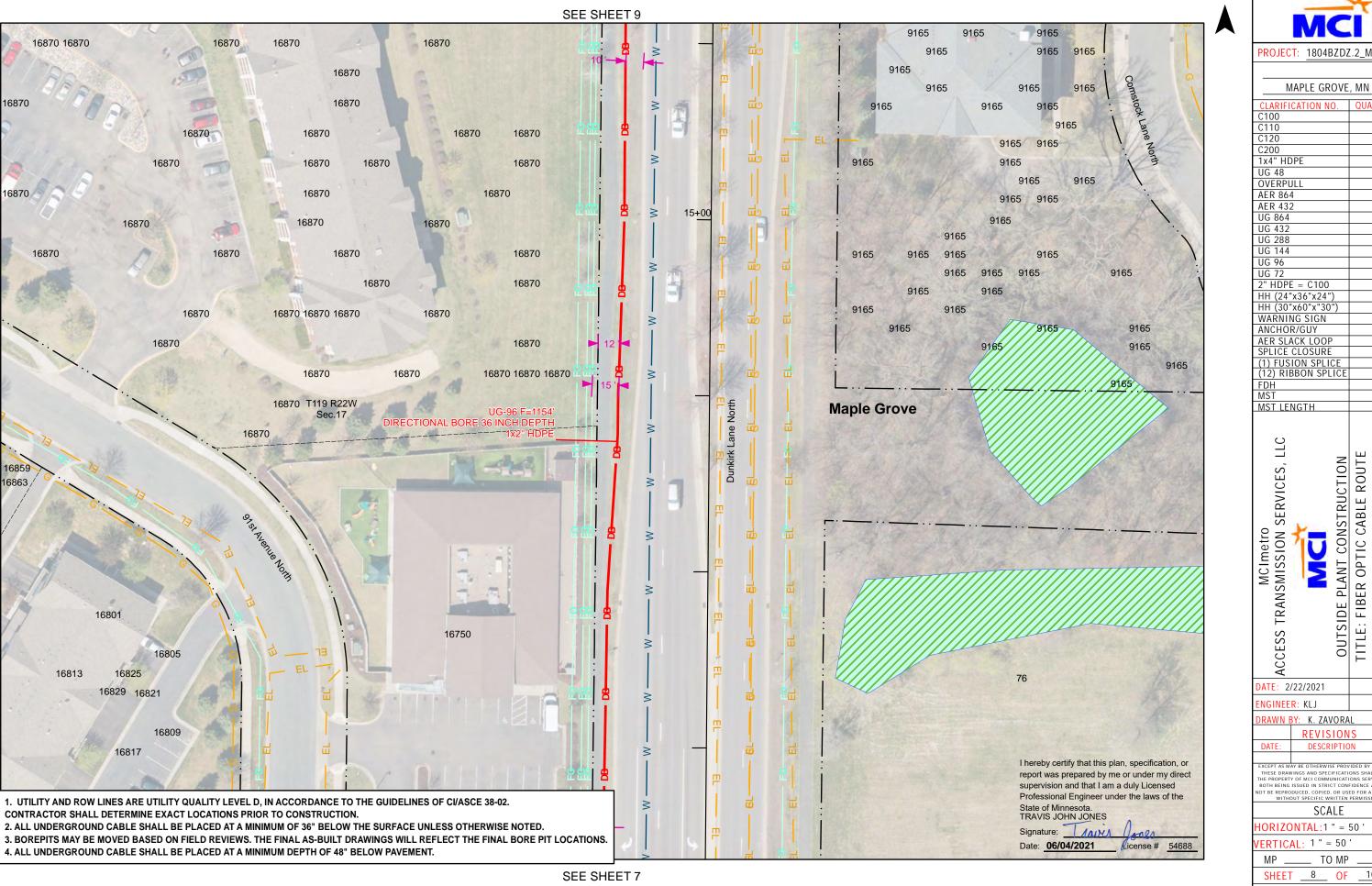


MAPLE GROVE, MN		
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1x4" HDPE		
UG 48		
OVERPULL		
AER 864		
AER 432		
UG 864		
UG 432		
UG 288		
UG 144		
UG 96	1025	
UG 72		
2" HDPE = C100	925	
HH (24"x36"x24")		
HH (30"x60"x"30")	1	
WARNING SIGN	1	
ANCHOR/GUY		
AER SLACK LOOP		
SPLICE CLOSURE		
(1) FUSION SPLICE		
(12) RIBBON SPLICE		
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CLARIFICATION NO.	QUANTITY
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AER 432	
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UG 432	
UG 288	
UG 144	
UG 96	
UG 72	
2" HDPE = C100	
HH (24"x36"x24")	
HH (30"x60"x"30")	
WARNING SIGN	
ANCHOR/GUY	
AER SLACK LOOP	
SPLICE CLOSURE	
(1) FUSION SPLICE	
(12) RIBBON SPLICE	
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PROJECT: 1804BZDZ.2_MPLG

MAPLE GROVE	, MN
CLARIFICATION NO.	QUANTITY
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UG 48	
OVERPULL	
AER 864	
AER 432	
UG 864	
UG 432	
UG 288	
UG 144	
UG 96	
UG 72	
2" HDPE = C100	
HH (24"x36"x24")	
HH (30"x60"x"30")	
WARNING SIGN	
ANCHOR/GUY	
AER SLACK LOOP	
SPLICE CLOSURE	
(1) FUSION SPLICE	
(12) RIBBON SPLICE	
FDH MST	
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FIBER OPTIC CABLE ROUTE OUTSIDE PLANT CONSTRUCTION .2_MPLG 1804BZDZ

<mark>DRAWN BY: K. ZAVORAL</mark>

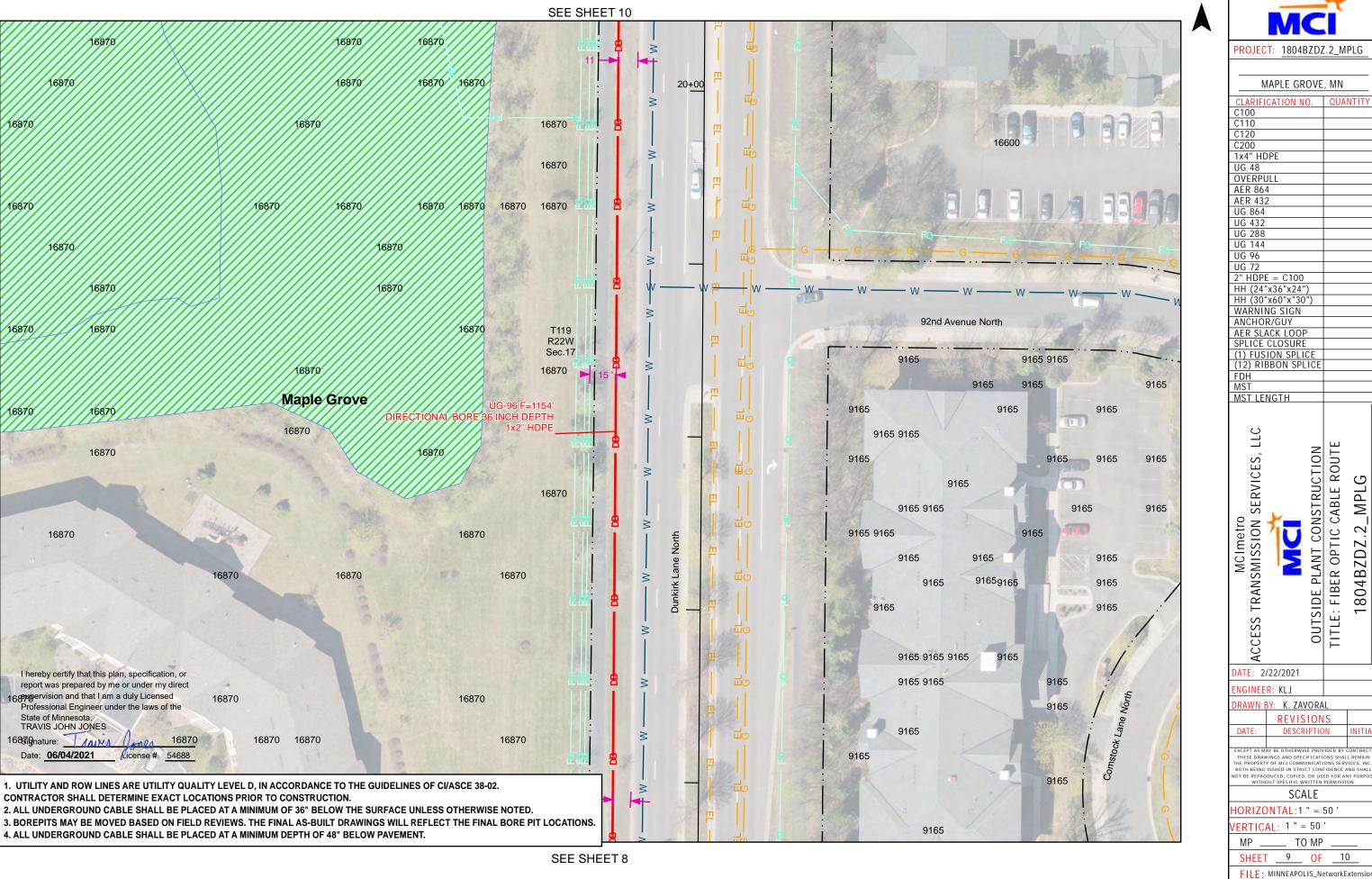
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HORIZONTAL:1 " = 50

/ERTICAL: 1 " = 50 ' TO MP

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MAPLE GROVE, MN

2" HDPE = C100 HH (24"x36"x24") HH (30"x60"x"30") WARNING SIGN ANCHOR/GUY AER SLACK LOO SPLICE CLOSURE (1) FUSION SPLICE (12) RIBBON SPLICE MST LENGTH

> FIBER OPTIC CABLE ROUTE OUTSIDE PLANT CONSTRUCTION _MPL 804BZDZ TITLE:

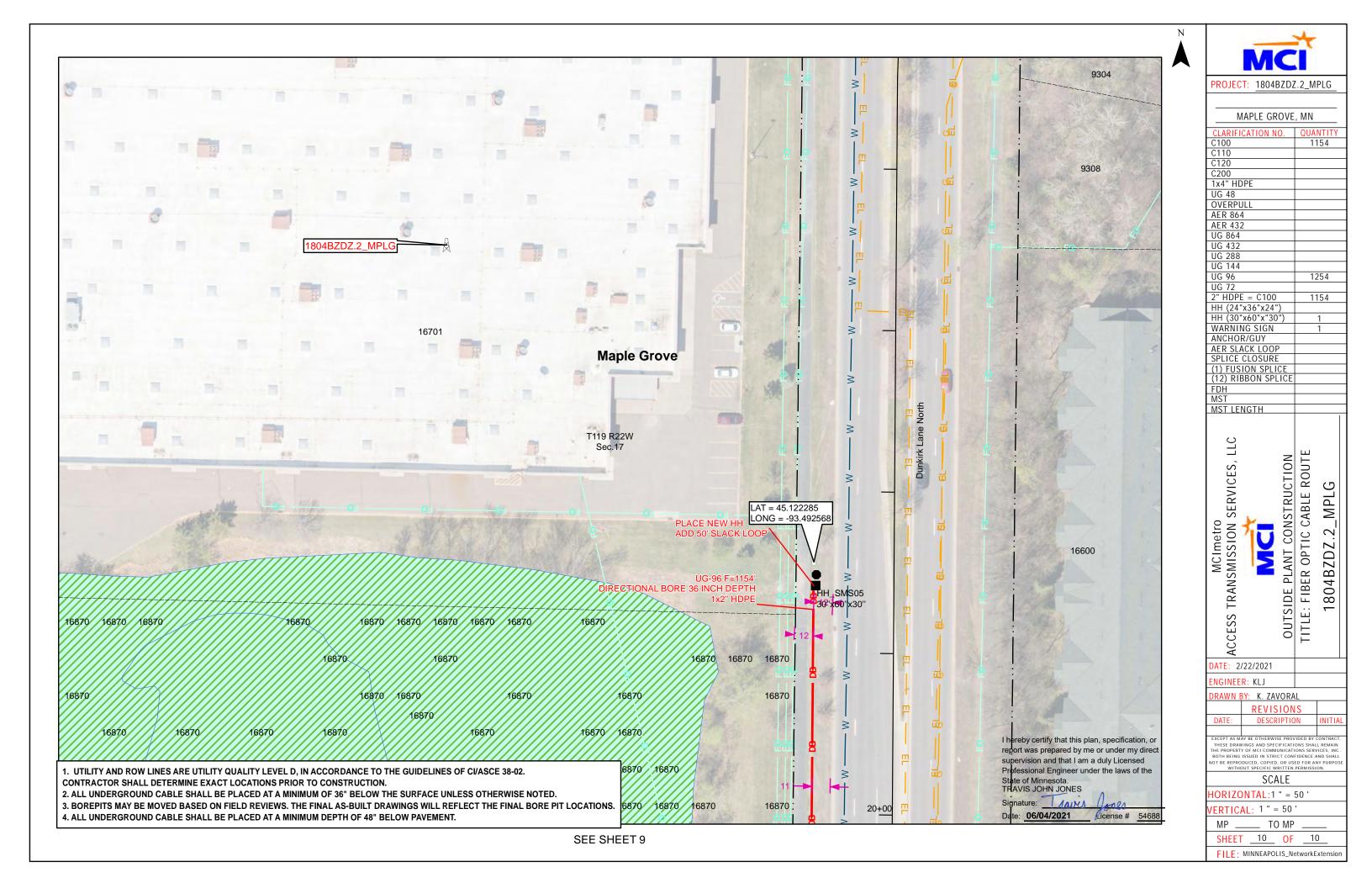
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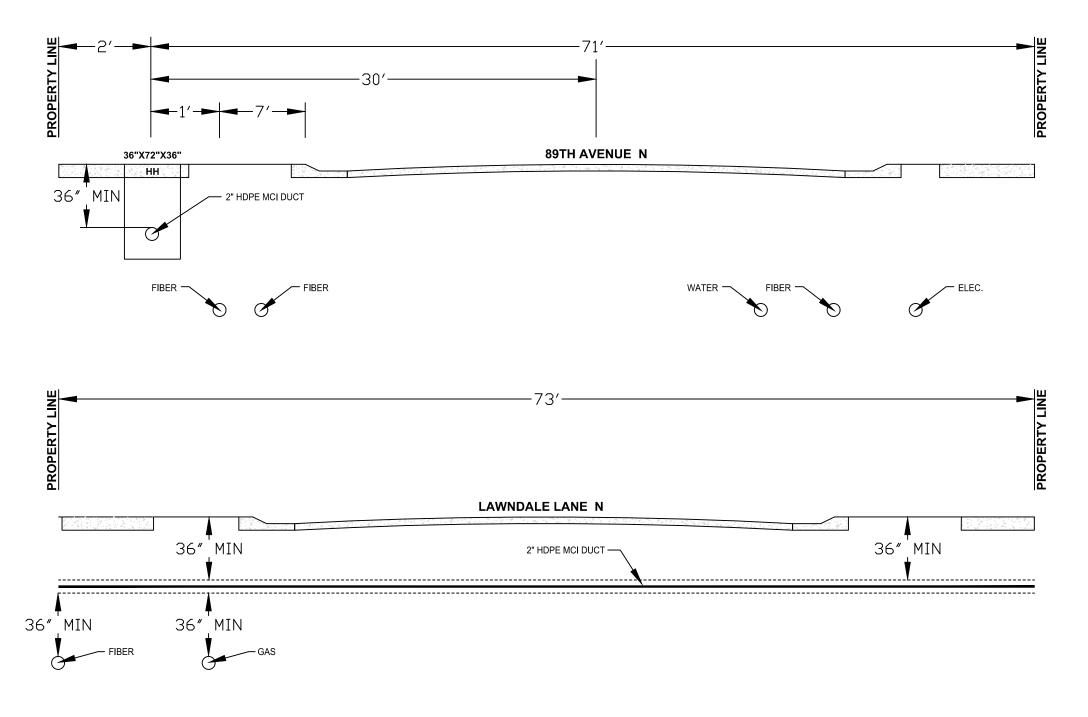
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SCALE

HORIZONTAL:1 " = 50 '

TO MP 10 OF





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TRAVIS JOHN JONES

Signature: TANKA

 PROJECT: SAMS MAPLE GROVE

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PROJECT: SAMS MA	APLE GROVE
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DATE:	(3/22/21	
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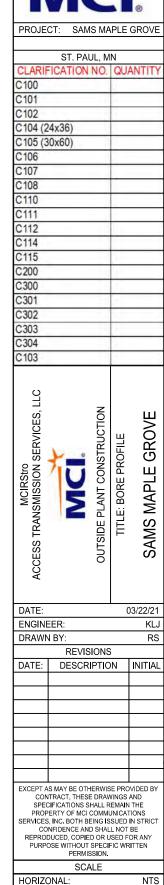
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OUTSIDE PLANT CONSTRUCTION

SAMS MAPLE GROVE

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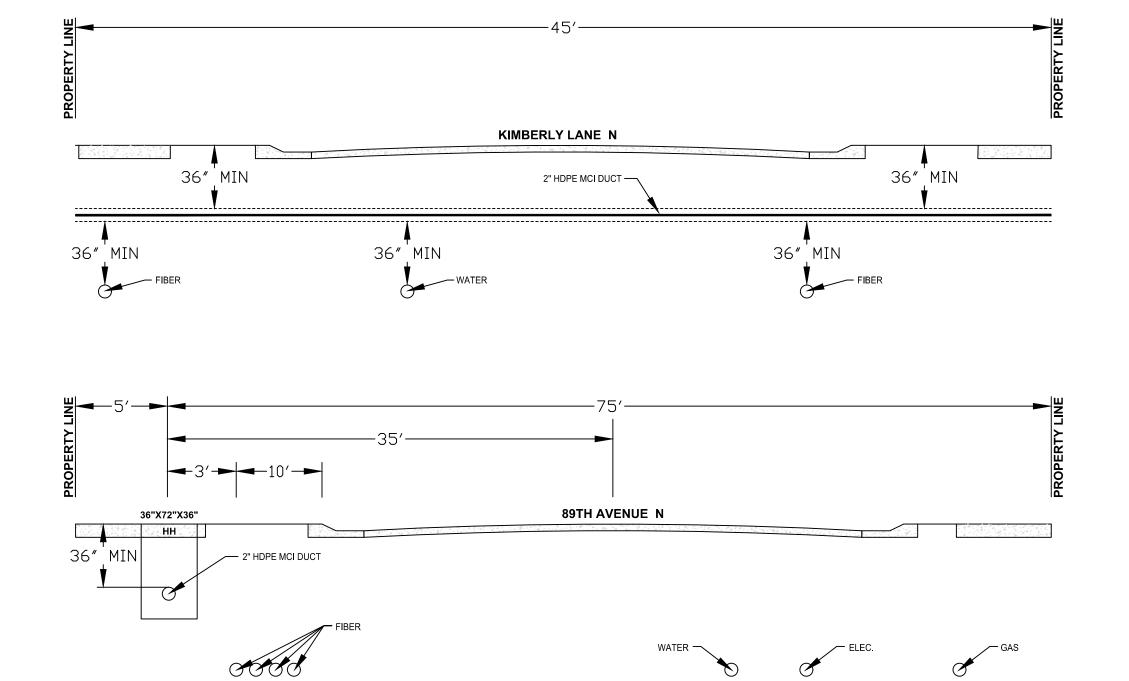
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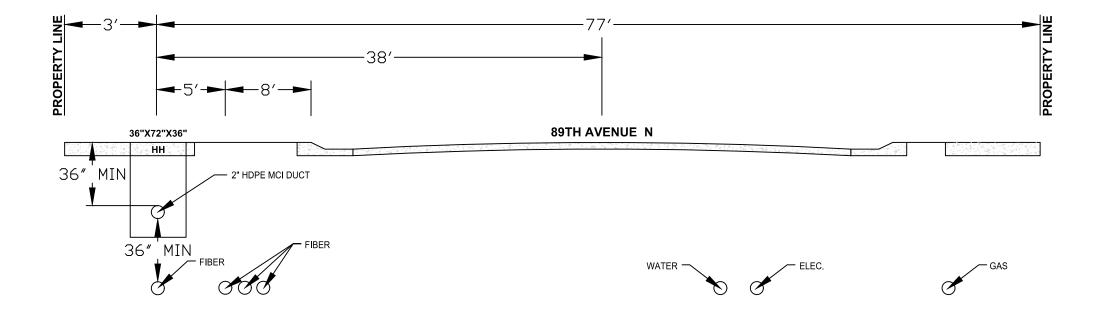
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Signature: Date: 06/04/2021

License # 54688

VERTICAL:

SHEET



PROJECT: SAMS MAPLE GROVE ST. PAUL, MN CLARIFICATION NO. QUANTITY C100 C101 C102 C104 (24x36) C105 (30x60) C106 C107 C108 C110 C111 C112 C114 C115 C200 C300 C301 C302 C303 C304 C103 MCIRStro ACCESS TRANSMISSION SERVICES, LLC OUTSIDE PLANT CONSTRUCTION SAMS MAPLE GROVE TITLE: BORE PROFILE DATE: ENGINEER: DRAWN BY:

DATE: 03/22/21

ENGINEER: KLJ

DRAWN BY: RS

REVISIONS

DATE: DESCRIPTION INITIAL

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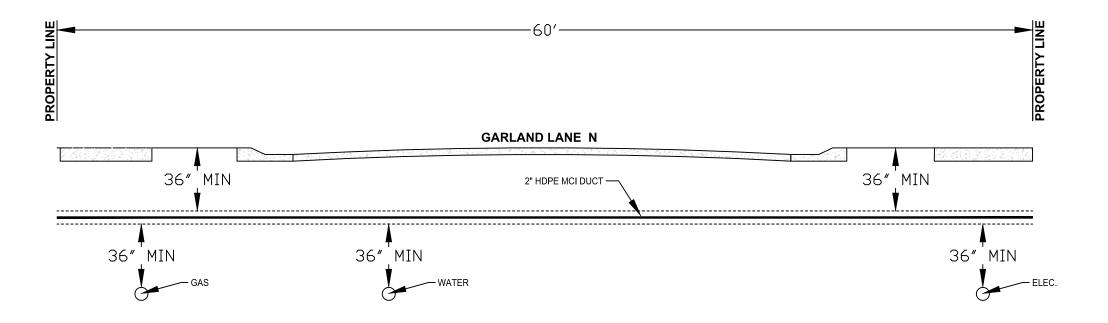
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TRAVIS JOHN JONES

License # 54688

Signature:

Date: 06/04/2021



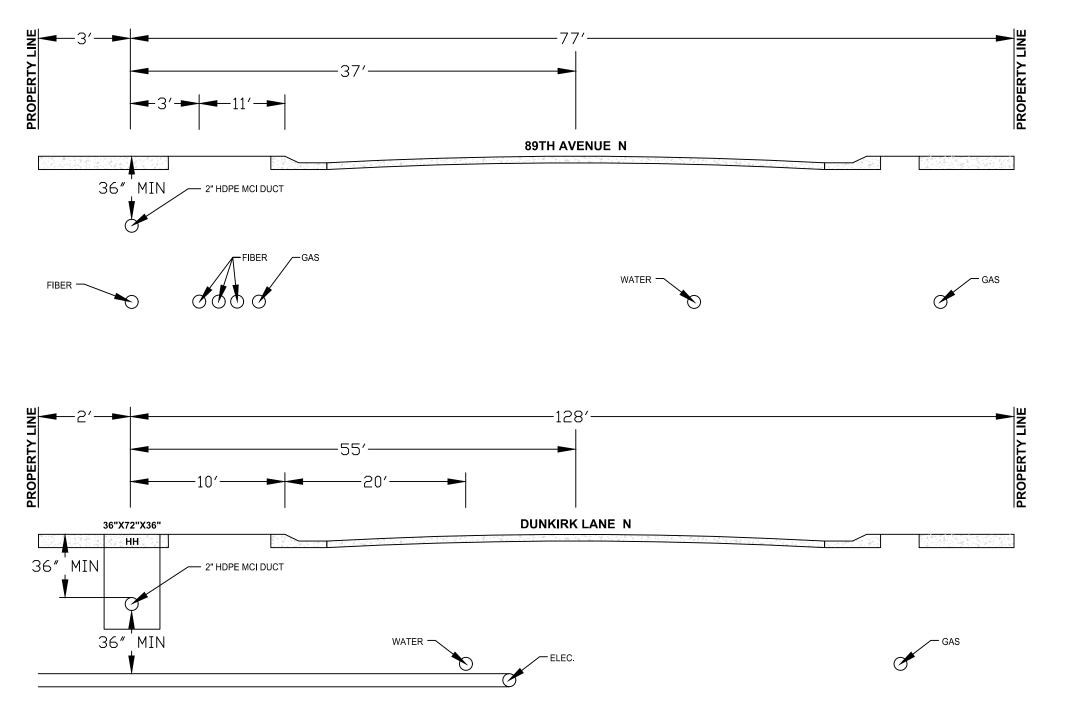
PROJECT: SAMS MAPLE GROVE ST. PAUL, MN CLARIFICATION NO. QUANTITY C100 C101 C102 C104 (24x36) C105 (30x60) C106 C107 C108 C110 C112 C114 C115 C200 C300 C301 C302 C303 C304 C103 MCIRStro ACCESS TRANSMISSION SERVICES, LLC OUTSIDE PLANT CONSTRUCTION SAMS MAPLE GROVE DATE: 03/22/21 ENGINEER: KLJ DRAWN BY: RS REVISIONS DATE: DESCRIPTION INITIAL

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Date: 06/04	/2021	License #	54688

PROJECT: SAMS MAPLE GROVE

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ACCESS TRAN		OUTSIDE	TITL	SAMS
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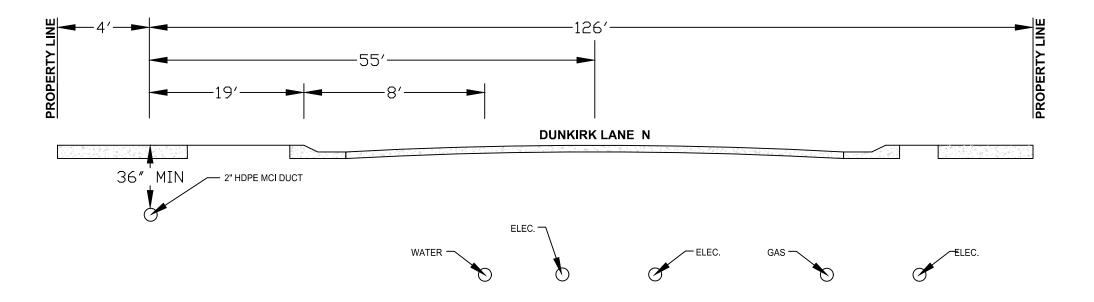
PLANT CONSTRUCTION

MAPLE GROVE

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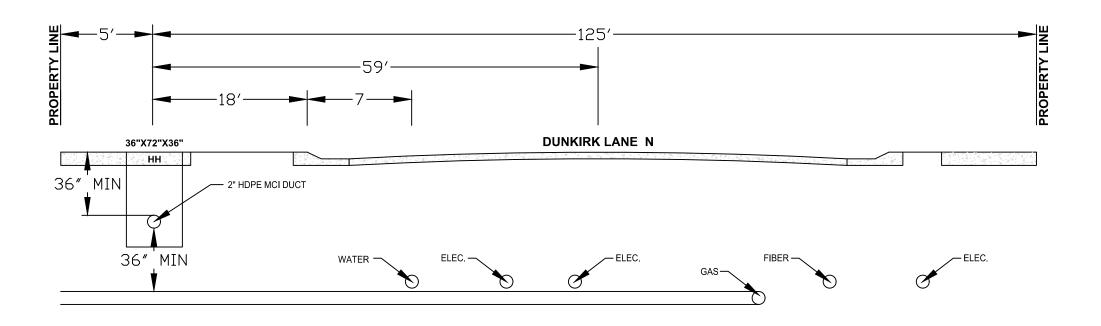
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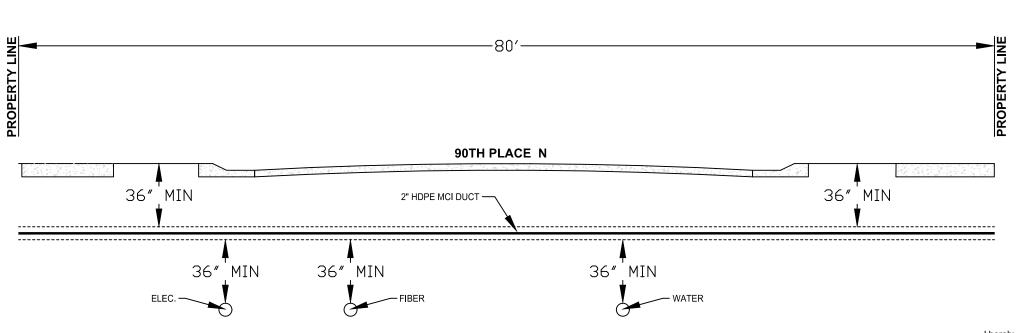
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supervision and that I am a duly Licensed

State of Minnesota. TRAVIS JOHN JONES

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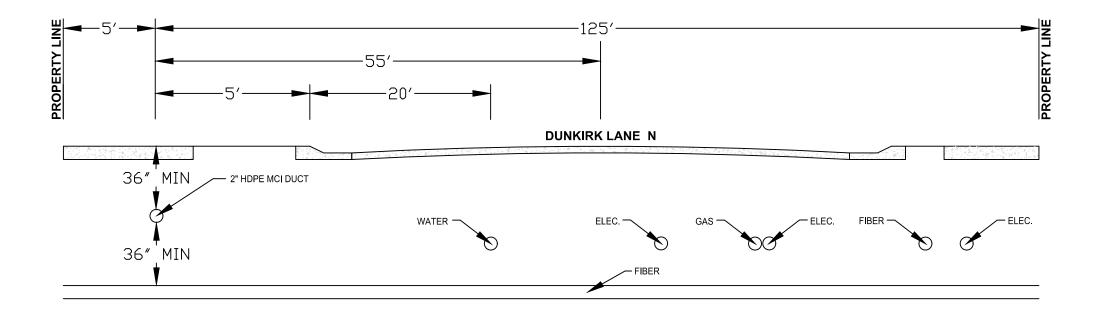
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PROJECT: SAMS MAPLE GROVE ST. PAUL, MN CLARIFICATION NO. QUANTITY C100 C101 C102 C104 (24x36) C105 (30x60) C106 C107 C108 C110 C111 C112 C114 C115 C200 C300 C301 C302 C303 C304 C103 MCIRStro ACCESS TRANSMISSION SERVICES, LLC OUTSIDE PLANT CONSTRUCTION SAMS MAPLE GROVE TITLE: BORE PROFILE DATE: 03/22/21 ENGINEER: KLJ DRAWN BY: RS REVISIONS DATE: DESCRIPTION INITIAL EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI COMMUNICATIONS SERVICES, INC. BOTH BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

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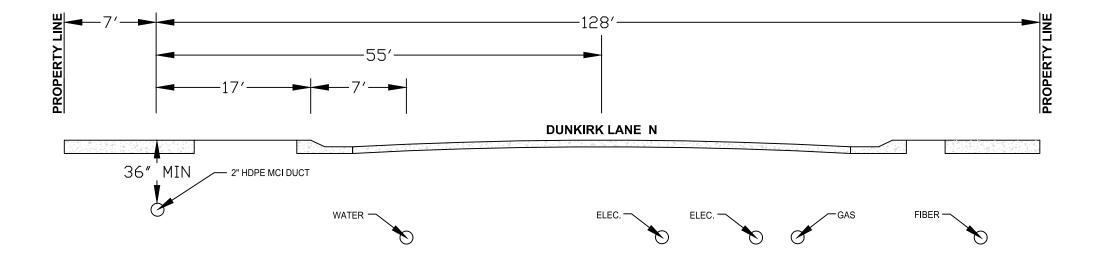
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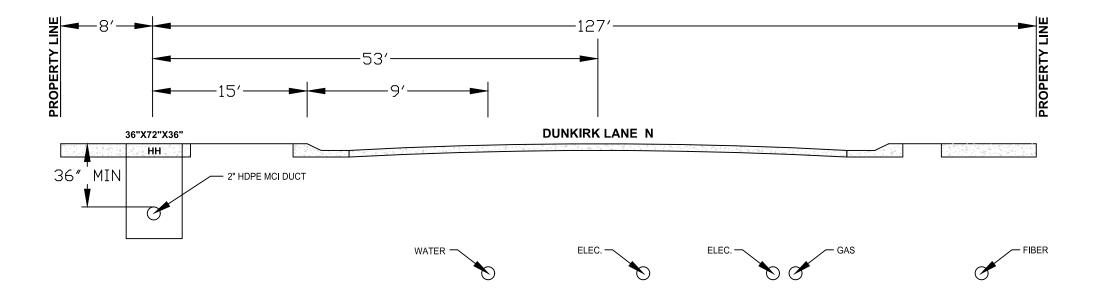


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