IT Underground, Disaster Recovery and Network Upgrade

Area 3 (West Leg)

Area 4 (North Leg)

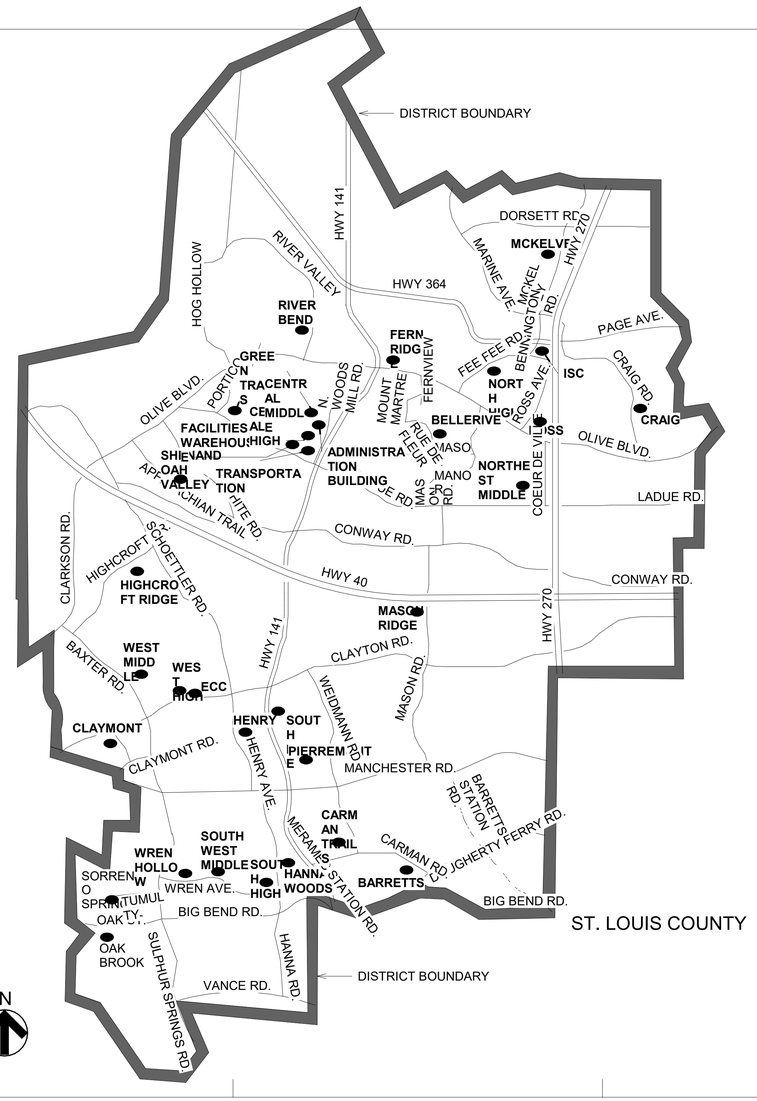
Area 5 (East Leg)

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July 28, 2026

PROJECT SITE





PARKWAY SCHOOL DISTRICT

ST. LOUIS COUNTY, MISSOURI

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Project No: 23010

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COVER

0.0

SCALE: 3/4" = 1'-0"
SCALE: 1 1/2" = 1'-0"
SCALE: 1" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 1/8" = 1'-0"
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DATE: 7/27/2026

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DISTRICT OVERALL FIBER ROUTE

C3.0

SCALE: 3/4" = 1'-0"

SCALE: 1 1/2" = 1'-0"

SCALE: 1" = 1'-0"

SCALE: 3/4" = 1'-0"

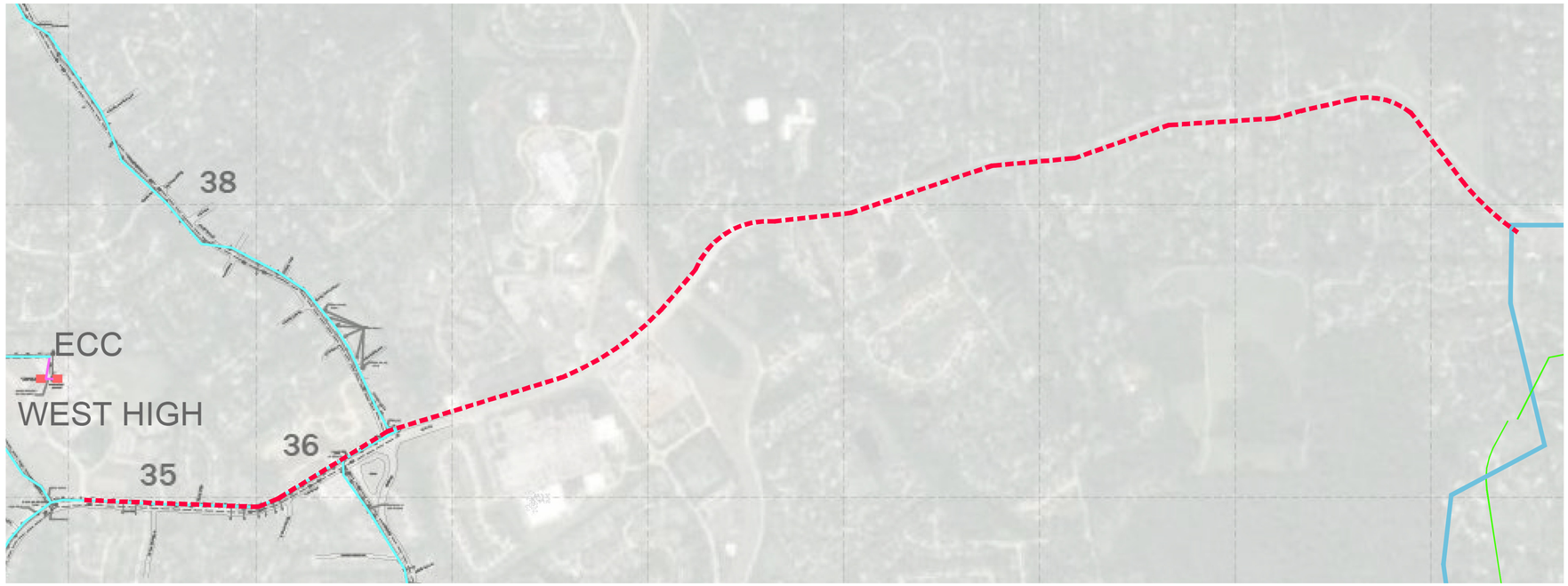
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SCALE: 1/8" = 1'-0"

SCALE: 1/16" = 1'-0"

HIGH SCHOOL TO MASON



HIGH SCHOOL TO MASON



NOT TO SCALE

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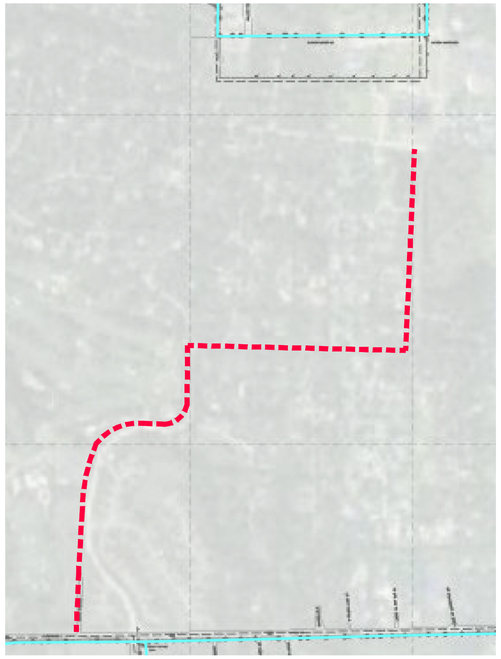
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DISTRICT
FIBER ROUTE

C3.1

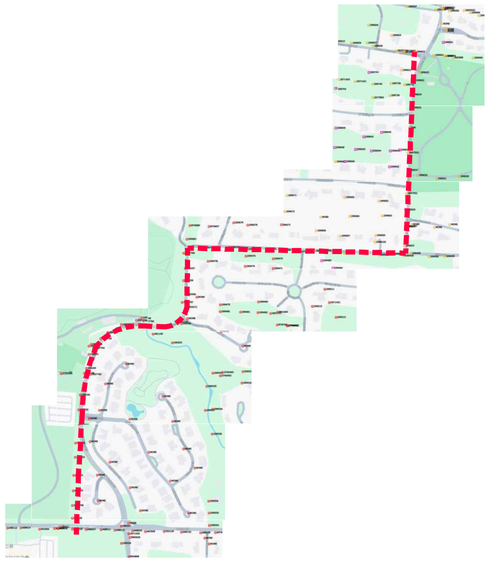


LADUE TO MASON MANOR



LADUE TO GREEN TRAILS

NOT TO SCALE



LADUE TO MASON MANOR



LADUE TO GREEN TRAILS

SCALE: 3" = 1'-0"
SCALE: 1 1/2" = 1'-0"
SCALE: 1" = 1'-0"
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SCALE: 1/4" = 1'-0"
SCALE: 1/16" = 1'-0"

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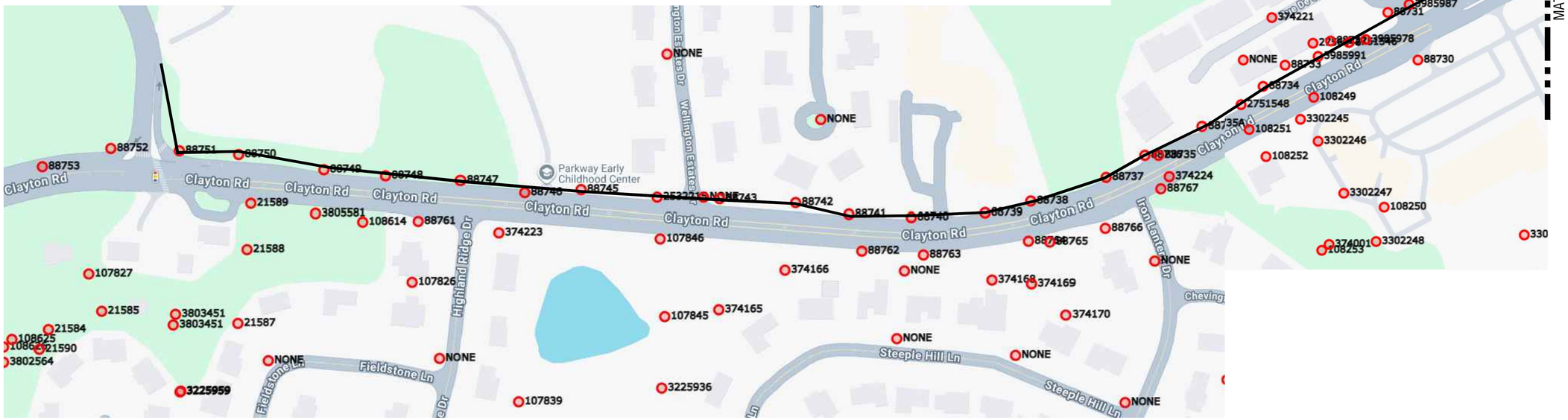
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DISTRICT FIBER ROUTE

C3.2

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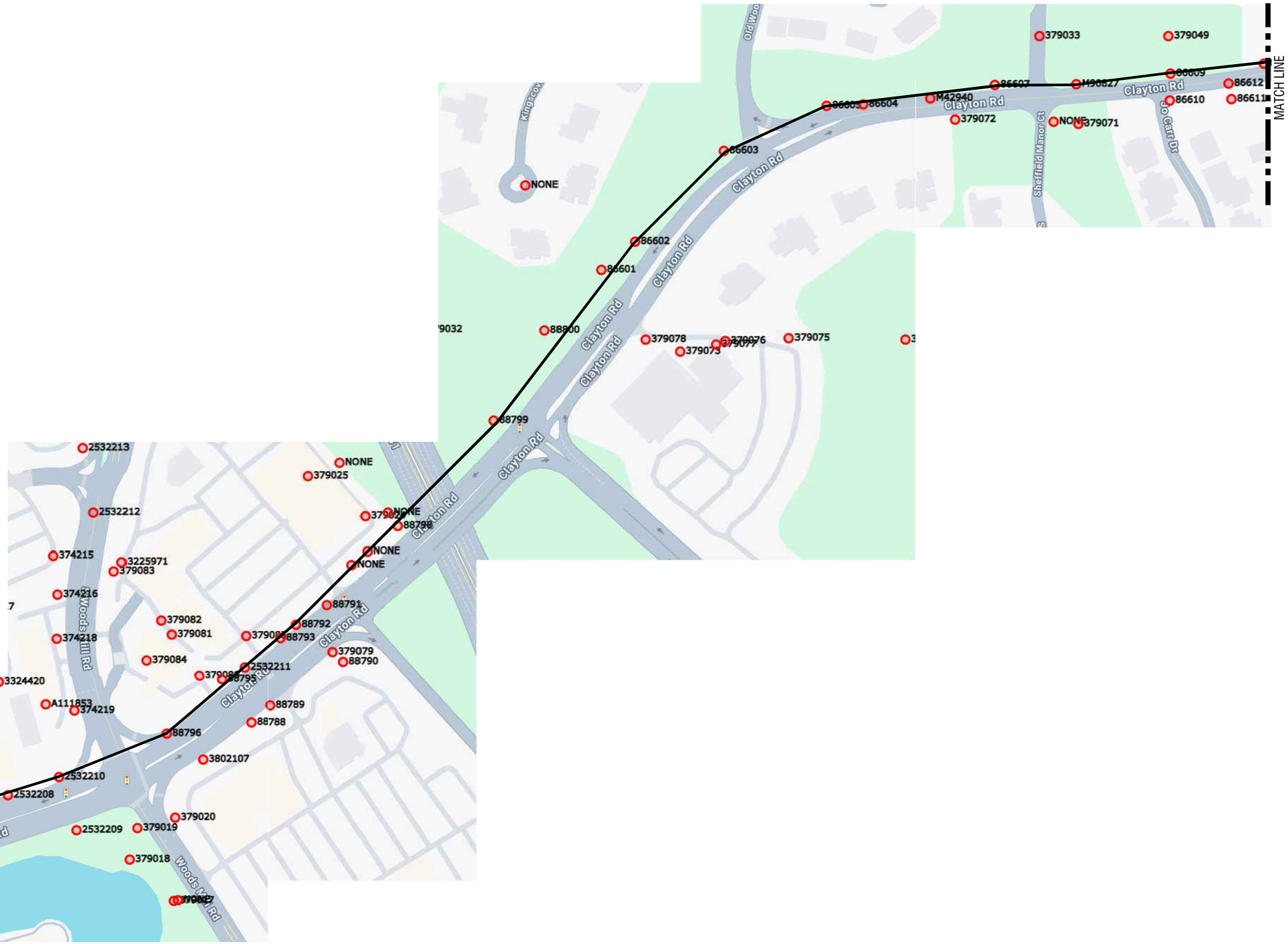
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C3.3

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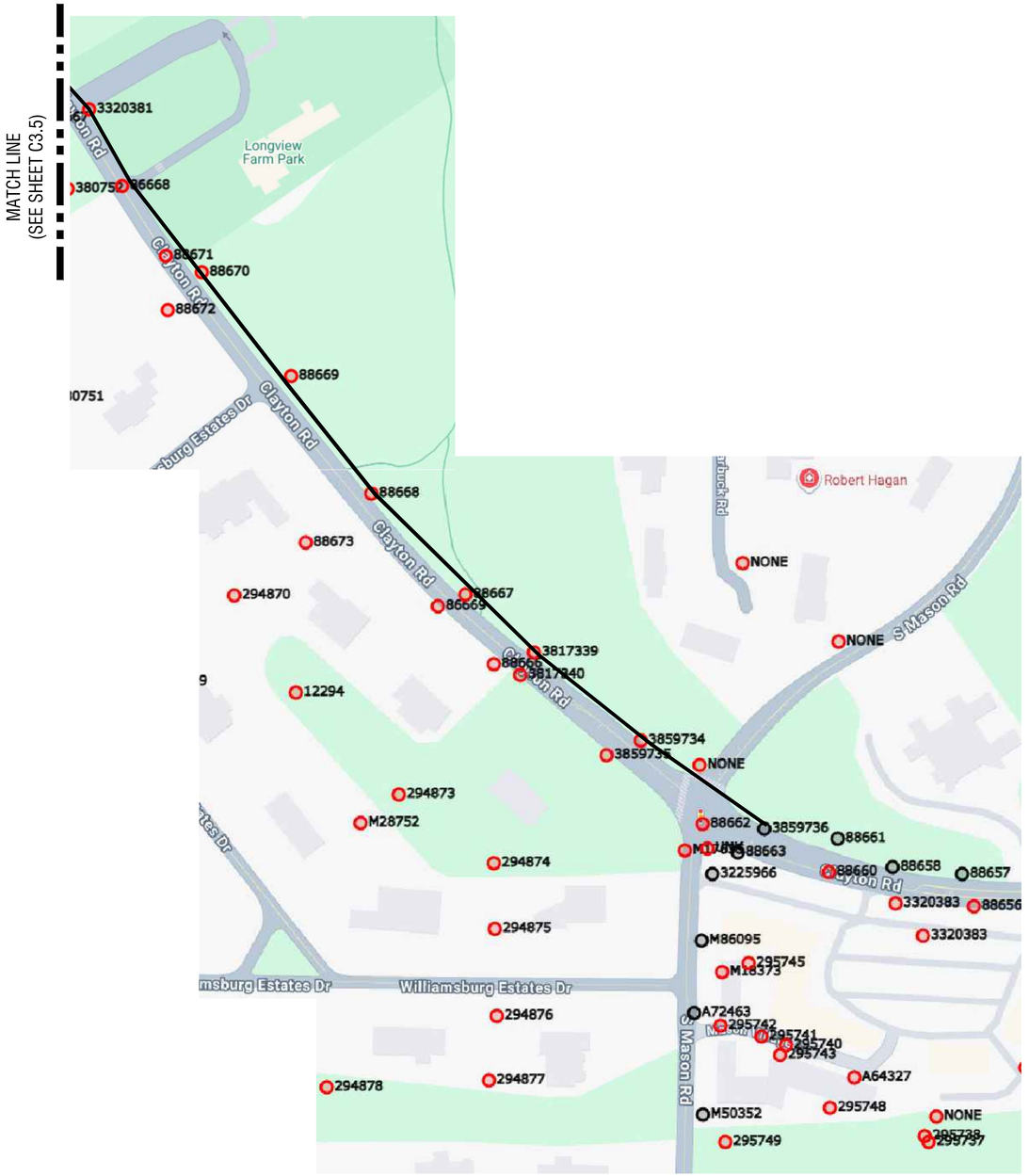
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C3.5



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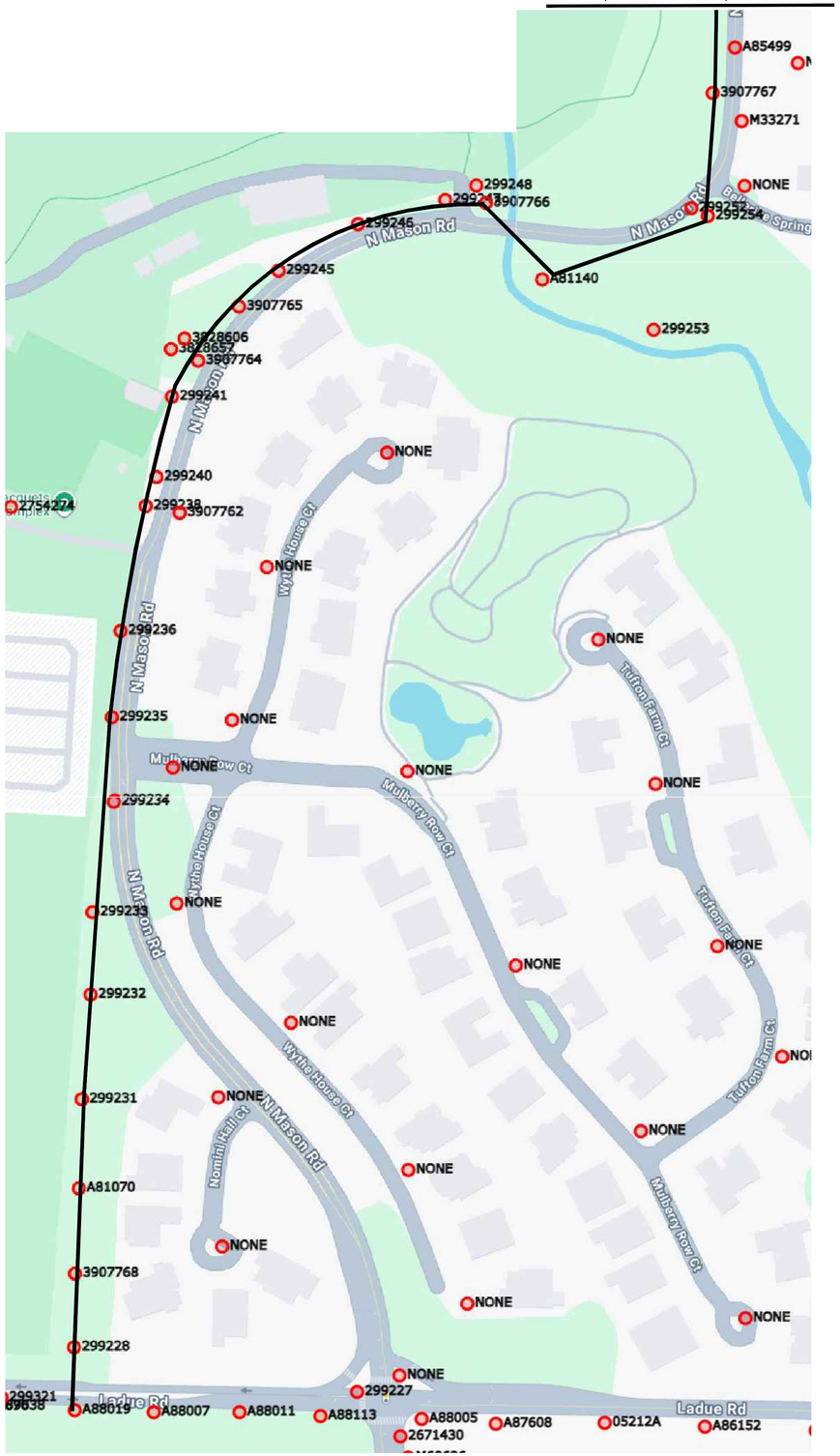
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C3.6

MATCH LINE
(SEE SHEET C3.8)



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LADUE TO
MASON MANOR
FIBER ROUTE

C3.7

SCALE: 3" = 1'-0"

SCALE: 1 1/2" = 1'-0"

SCALE: 1" = 1'-0"

SCALE: 3/4" = 1'-0"

SCALE: 1/2" = 1'-0"

SCALE: 1/4" = 1'-0"

SCALE: 1/8" = 1'-0"

SCALE: 1/16" = 1'-0"

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MATCH LINE
(SEE SHEET C3.7)

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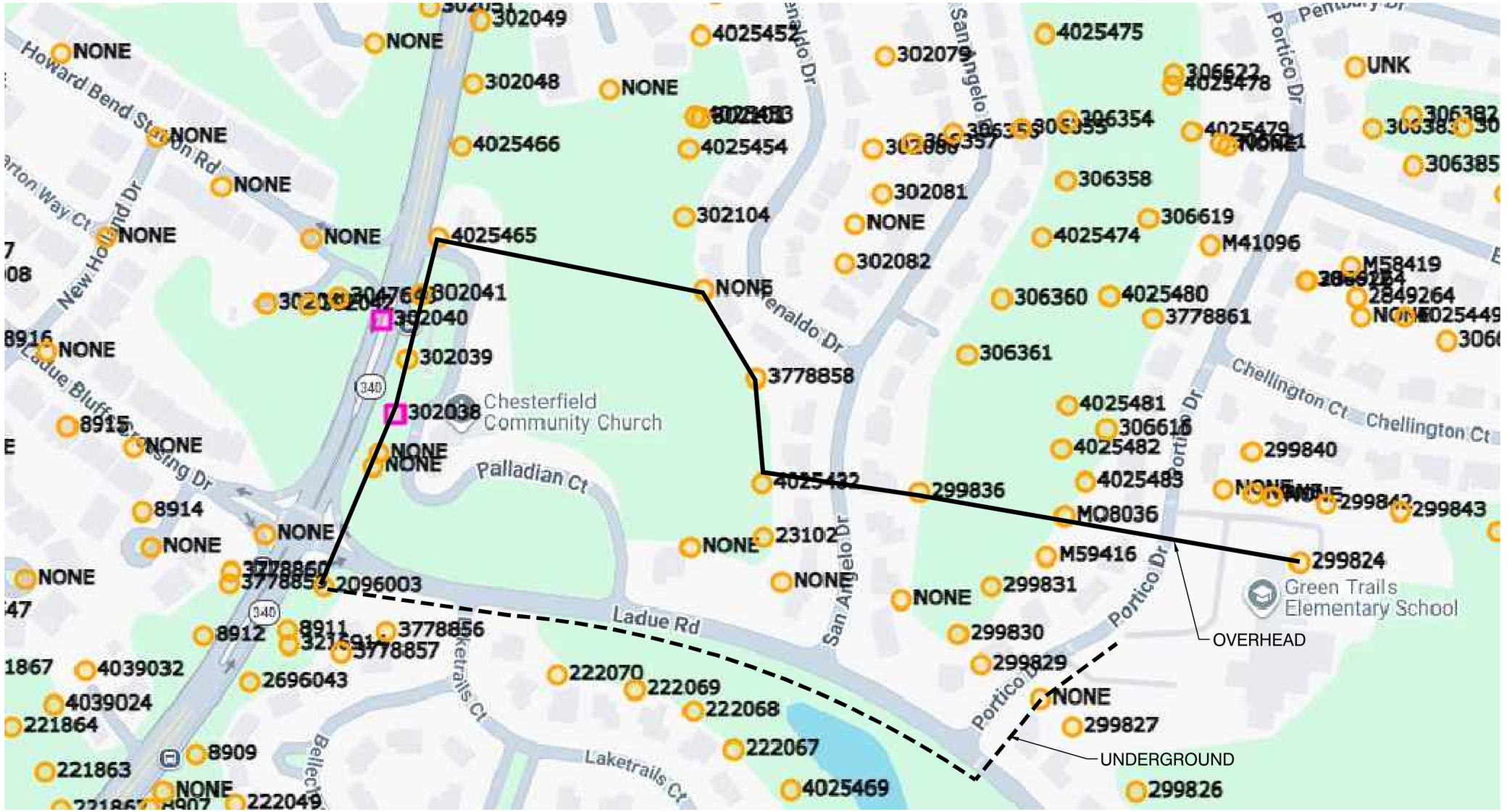
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LADUE TO
MASON MANOR
FIBER ROUTE

C3.8

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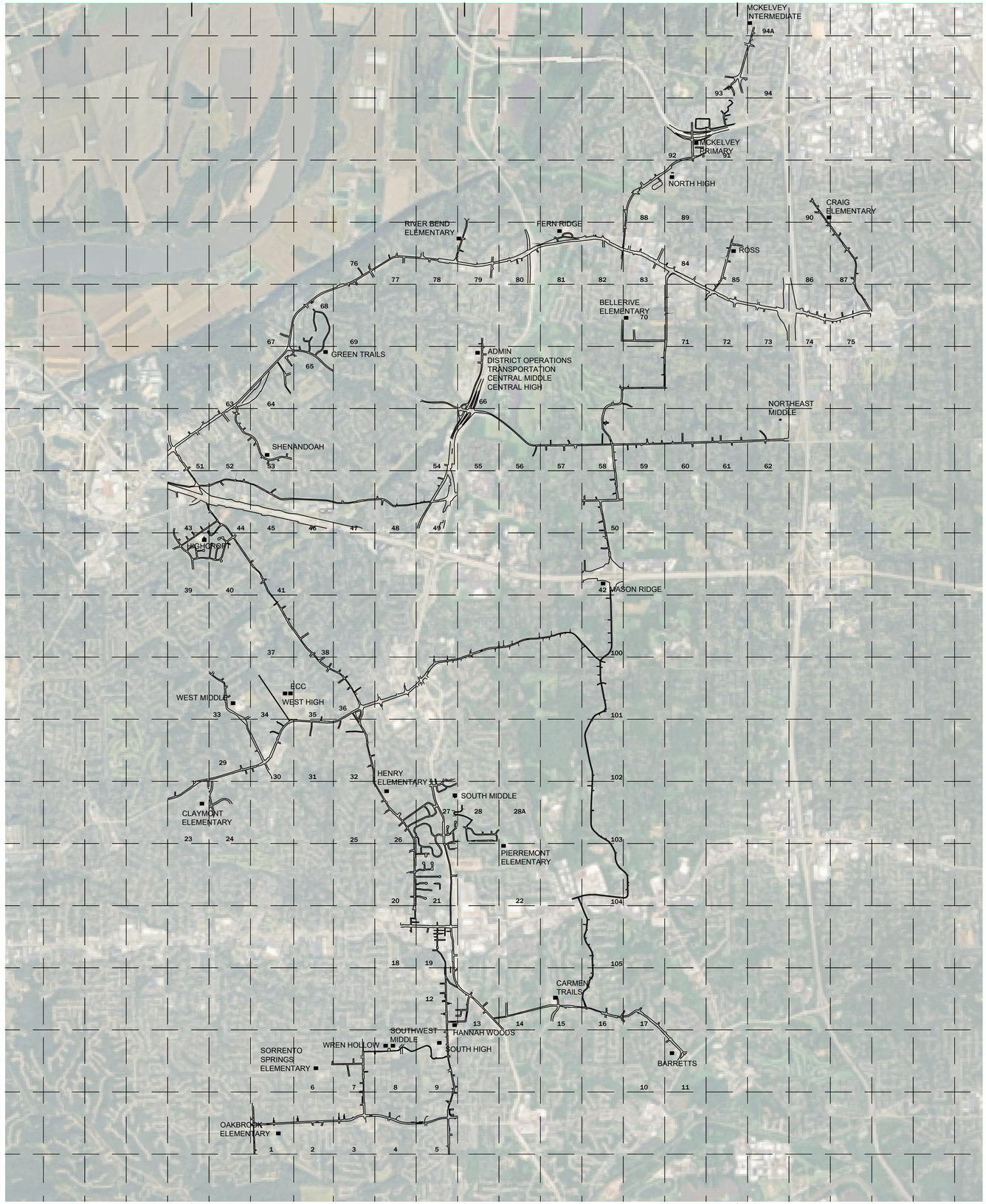
BRANDON A. HARP, P.E. E-28650
CIVIL ENGINEER
CEDC LICENSE NO.: 2003004674

DATE: 7/27/2026

Bid / Permit Set

GREEN TRAILS FIBER ROUTE

C3.9



1 **DISTRICT OVERALL FIBER ROUTE**
NOT TO SCALE

GENERAL NOTES:

A. EXISTING FIBER OPTIC TOPOLOGY SHALL BE DUPLICATED TO MAINTAIN APPROPRIATE CONTINUITY. ALL WORK SHALL BE COORDINATED WITH APPROVED PARKWAY IT PERSONNEL.
B. WORK SHALL INCLUDE INSTALLATION OF NEW FIBER. THE PROVISION AND INSTALLATION OF NEW FIBER OPTIC CABLING, INCLUDING BUT NOT LIMITED TO: FIBER OPTIC CABLING, UNDER GROUND PATHWAYS, PULLBOXES, SPLICE CLOSURES, TERMINATION, TESTING, ETC.
C. WHERE NEW UNDERGROUND PATHWAY IS DENOTED, IT SHALL BE ROUTED ADJACENT TO EXISTING PATHWAY.
D. PATHWAY SHALL BE 1-1/4" DIAMETER (MINIMUM) UNLESS NOTED OTHERWISE AND SHALL HAVE WIRE LOCATOR FOR FUTURE UTILITY LOCATION.
E. REFER TO PRICING PACKAGES AND ALLOWANCES FOR ADDITIONAL REQUIREMENTS AND SCOPE.

SYMBOLS

- TELEPHONE POLE
- SPLICE CLOSURE NOT AT POLE
- PULLBOX
- FIBER OPTIC CABLE
- SCHOOL LOCATION

NOMENCLATURE

PB-001-01
- SEQUENTIAL NUMBER
- GRID NUMBER
- PULL BOX

SC-100-01
- SEQUENTIAL NUMBER
- GRID NUMBER
- SPLICE CLOSURE

NOTE:
1. PULL BOXES AND SPLICE CLOSURE NOMECLATURE IS DENOTED ON DRAWINGS. IF ADDITIONAL ITEMS ARE ADDED THAT ARE NOT DENOTED ON PLANS, CONTRACTOR SHALL PROVIDE SEQUENTIAL NUMBER FOR THOSE ITEMS.
2. PULL BOXES AND SPLICE CLOSURE NOMENCLATURE IS DENOTED ON NEW WORK DRAWINGS.
3. PULL BOXES SHALL BE PERMANENTLY LABELED ON LID PER PARKWAY SCHOOL DISTRICT.

PRICING PACKAGES

PACKAGE 1 - WEST CONNECTOR
- FROM SPLICE CLOSURE AT HENRY ELEMENTARY NORTH TO SPLICE CLOSURE NEAR HIGHWAY 40 AND SCHOETTLER ROAD VIA THE FOLLOWING SCHOOLS:
  - CLAYMONT ELEMENTARY, WEST MIDDLE, WEST HIGH, ECC AND HIGHCROFT.
- SPLICE CLOSURE AT INTERSECTION OF CLAYTON & SOUTH MASON TO SPLICE CLOSURE AT INTERSECTION OF CLAYTON & SCHOETTLER.
- TRAFFIC CONTROL.
- AMEREN POLE PROTECTION: COORDINATE WITH AMEREN WHEN POLE PROTECTION IS REQUIRED.
- TREE TRIMMING AS REQUIRED.
- PRIVATE UTILITY LOCATES: THIS SHALL OCCUR ON PARKWAY PROPERTY WHERE UNDERGROUND WORK IS REQUIRED.
- AMEREN/PARKWAY POLE IDENTIFICATION TAGS
  - IDENTIFICATION TAGS SHALL DENOTE THE LICENSEE FACILITY NUMBER: PARKWAY ID TAG #195.
  - TAG SHALL BE WITHOUT GROMMETS (80mils) ROUNDED CORNERS.
  - IDENTIFICATION TAGS SHALL BE LOCATED ON EVERY OTHER AMEREN POLE TO WHICH THE FIBER OPTIC CABLING IS ATTACHED TO.
  - TAG SHALL BE HUNG OR INSTALLED IN A POSITION THAT IS LEGIBLE FROM THE GROUND. IF USING ZIP TIES, THEY SHALL BE UV AND WEATHER RESISTANT. IF USING METAL MATERIAL, THE MATERIAL SHALL BE WEATHERPROOF AND RUST PROOF.
  - PER AMEREN, ALL ORDERS SHALL BE PLACED THROUGH ELECTROMARK.
  - PLACE ORDERS AT csr@electromark.com OR 800-295-8247.
  - UPON ORDER, ADVISE ELECTROMARK TAGS ARE ATTACHING TO AMEREN POLES.

PACKAGE 2 - EAST CONNECTOR
- SPLICE CLOSURE AT CONWAY ROAD AND CHESTERFIELD PARKWAY TO NORTHEAST MIDDLE AND SHALL INCLUDE THE FOLLOWING SCHOOLS:
  - ADMINISTRATION BUILDING, CENTRAL HIGH SCHOOL, CENTRAL MIDDLE SCHOOL, DISTRICT OPERATIONS BUILDING, TRANSPORTATION BUILDING, MASON RIDGE AND NORTHEAST MIDDLE.
- TRAFFIC CONTROL.
- AMEREN POLE PROTECTION: COORDINATE WITH AMEREN WHEN POLE PROTECTION IS REQUIRED.
- TREE TRIMMING AS REQUIRED.
- PRIVATE UTILITY LOCATES: THIS SHALL OCCUR ON PARKWAY PROPERTY WHERE UNDERGROUND WORK IS REQUIRED.
- AMEREN/PARKWAY POLE IDENTIFICATION TAGS
  - IDENTIFICATION TAGS SHALL DENOTE THE LICENSEE FACILITY NUMBER: PARKWAY ID TAG #195.
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  - UPON ORDER, ADVISE ELECTROMARK TAGS ARE ATTACHING TO AMEREN POLES.

PACKAGE 3 - NORTH CONNECTOR
- SPLICE CLOSURE AT CONWAY ROAD AND CHESTERFIELD PARKWAY TO CRAIG ELEMENTARY AND SHALL INCLUDE THE FOLLOWING SCHOOLS:
  - SHENANDOAH, GREEN TRAILS, RIVERBEND ELEMENTARY, FERN RIDGE, NORTH HIGH MCKELVEY PRIMARY, MCKELVEY INTERMEDIATE, BELLERIVE, ROSS ELEMENTARY AND CRAIG ELEMENTARY.
- SPLICE CLOSURE AT INTERSECTION OF MASON & MASON MANOR TO SPLICE CLOSURE AT INTERSECTION OF MASON & LADUE.
- TRAFFIC CONTROL.
- AMEREN POLE PROTECTION: COORDINATE WITH AMEREN WHEN POLE PROTECTION IS REQUIRED.
- TREE TRIMMING AS REQUIRED.
- PRIVATE UTILITY LOCATES: THIS SHALL OCCUR ON PARKWAY PROPERTY WHERE UNDERGROUND WORK IS REQUIRED.
- AMEREN/PARKWAY POLE IDENTIFICATION TAGS
  - IDENTIFICATION TAGS SHALL DENOTE THE LICENSEE FACILITY NUMBER: PARKWAY ID TAG #195.
  - TAG SHALL BE WITHOUT GROMMETS (80mils) ROUNDED CORNERS.
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  - PER AMEREN, ALL ORDERS SHALL BE PLACED THROUGH ELECTROMARK.
  - PLACE ORDERS AT csr@electromark.com OR 800-295-8247.
  - UPON ORDER, ADVISE ELECTROMARK TAGS ARE ATTACHING TO AMEREN POLES.

PACKAGE 4 - COMBINED BID
- PROVIDE SINGLE PRICE FOR ALL WORK ASSOCIATED WITH PACKAGE 1, PACKAGE 2 AND PACKAGE 3.

ALLOWANCES

CONTRACTOR SHALL PROVIDE LUMP SUM ALLOWANCES FOR THE ITEMS LISTED BELOW. CONTRACTOR SHALL REFER TO SPECIFICATIONS FOR AMOUNTS, ADDITIONAL DESCRIPTIONS AND ADDITIONAL REQUIREMENTS:

- ASBESTOS ABATEMENT: COORDINATE WITH PARKWAY SCHOOL DISTRICT AND THE DISTRICT CONTRACTOR

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IT Underground, Disaster Recovery and Network Upgrade

Multiple Locations
Parkway PN #002304B

Parkway School District
363 N. Woods Mill Rd., Chesterfield, MO 63017
314.415.8231 tel

Project No: 23010

Revisions

No.	Description	Date

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07/27/2026
MICHAEL D MITCHELL
MO License 2010019972 Exp 12/31/2026
Certificate of Authority 2014025305

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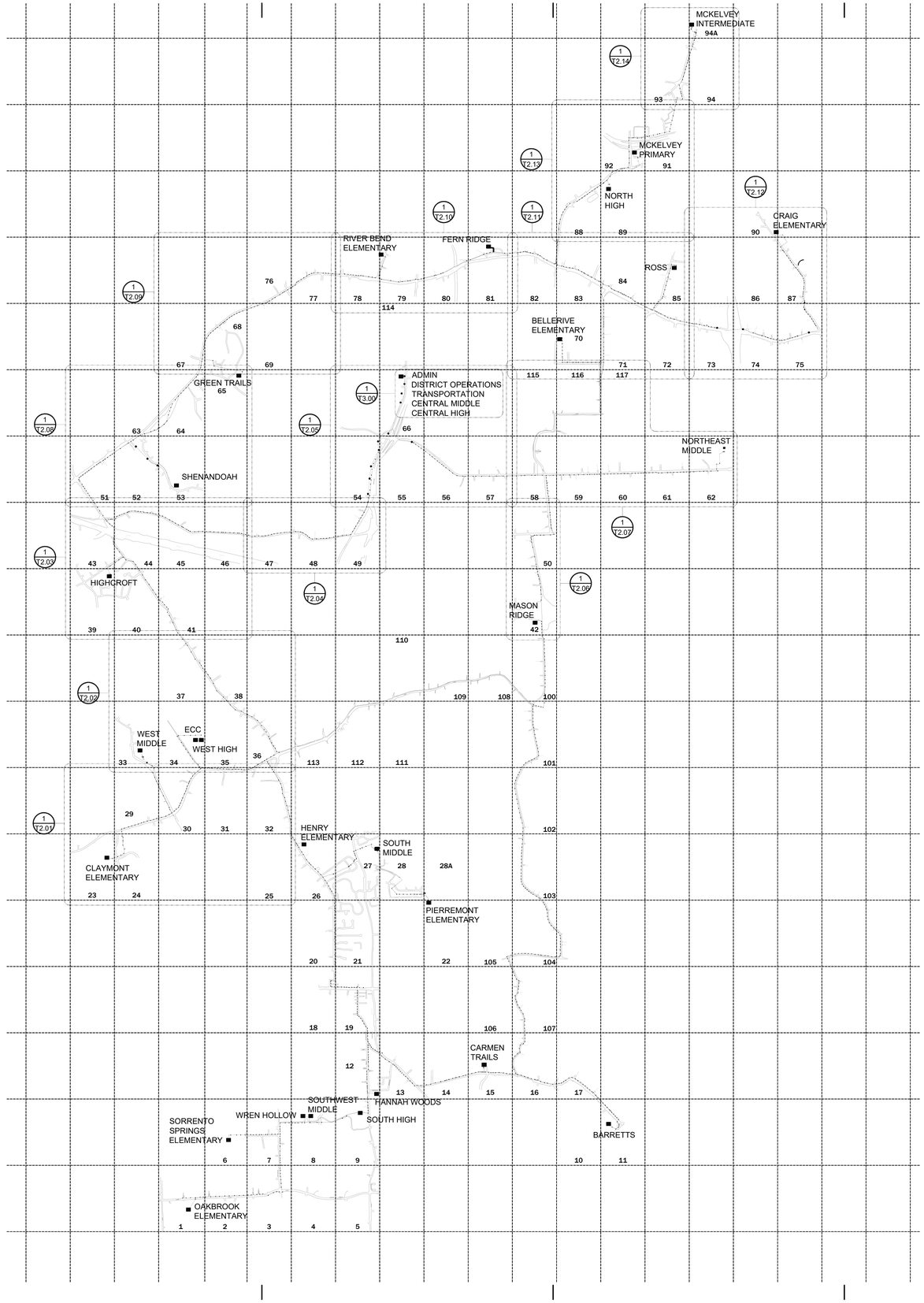
DATE: 07/27/2026

BID / PERMIT SET

DISTRICT OVERALL FIBER ROUTE

T0.01

11/20/2023 10:57:52 AM



1 **DISTRICT OVERALL FIBER ROUTE - NEW WORK**
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IT Underground, Disaster Recovery and Network Upgrade

Multiple Locations
Parkway PN #002304B

Parkway School District
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Project No: 23010

Revisions

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STATE OF MISSOURI
MICHAEL D. MITCHELL
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PROFESSIONAL ENGINEER
07/27/2026

MICHAEL D MITCHELL
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Certificate of Authority:2010025525

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DATE: 07/27/2026

BID / PERMIT SET

DISTRICT OVERALL FIBER ROUTE - NEW

T2.00

GENERAL NOTES:

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B. EXISTING SPLICE CLOSURE LOCATIONS, POLE LOCATIONS AND DISTANCES BETWEEN POLES ARE FOR GENERIC REFERENCE ONLY.
C. EXISTING CABLING TO REMAIN SHALL BE TEMPORARILY SUPPORTED AND PROTECTED. EXISTING CABLING RUNNING THROUGH SPACE ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE. IF CABLE IS DAMAGED DURING THE CONSTRUCTION PROCESS, CONTRACTOR SHALL REPLACE CABLE WITH NEW PER SPECIFICATIONS.
D. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH EXTENT OF SCOPE OF WORK PRIOR TO BID SUBMITTAL TO DETERMINE CONDITIONS AFFECTING THE EXECUTION OF WORK. FAILURE TO BE ACQUAINTED WITH EXISTING CONDITIONS WILL NOT BE JUSTIFICATION FOR ADDITIONAL SERVICES.
E. WHERE CABLING IS RUN WITHIN SCHOOLS, VERIFY CABLE PATHWAY AND ADJUST ELEVATIONS AND ROUTING TO FACILITATE INSTALLATION. COORDINATE WITH EXISTING CONDITIONS. UTILIZE EXISTING PATHWAYS WHERE APPLICABLE. WHERE PATHWAYS DO NOT EXIST, PROVIDE NEW.
F. FIBER OPTIC CABLING SHALL TERMINATE IN MDF ON NEW FIBER HOUSING ON EXISTING RACKS. COORDINATE TERMINATIONS WITH OWNER.
G. REFER TO T3.00 FOR ENLARGED SCHOOL PLANS DENOTING GENERIC PATHWAY AND MDF LOCATION.

KEYED NOTES: (NOT ALL NOTES MAY BE USED ON THIS SHEET)

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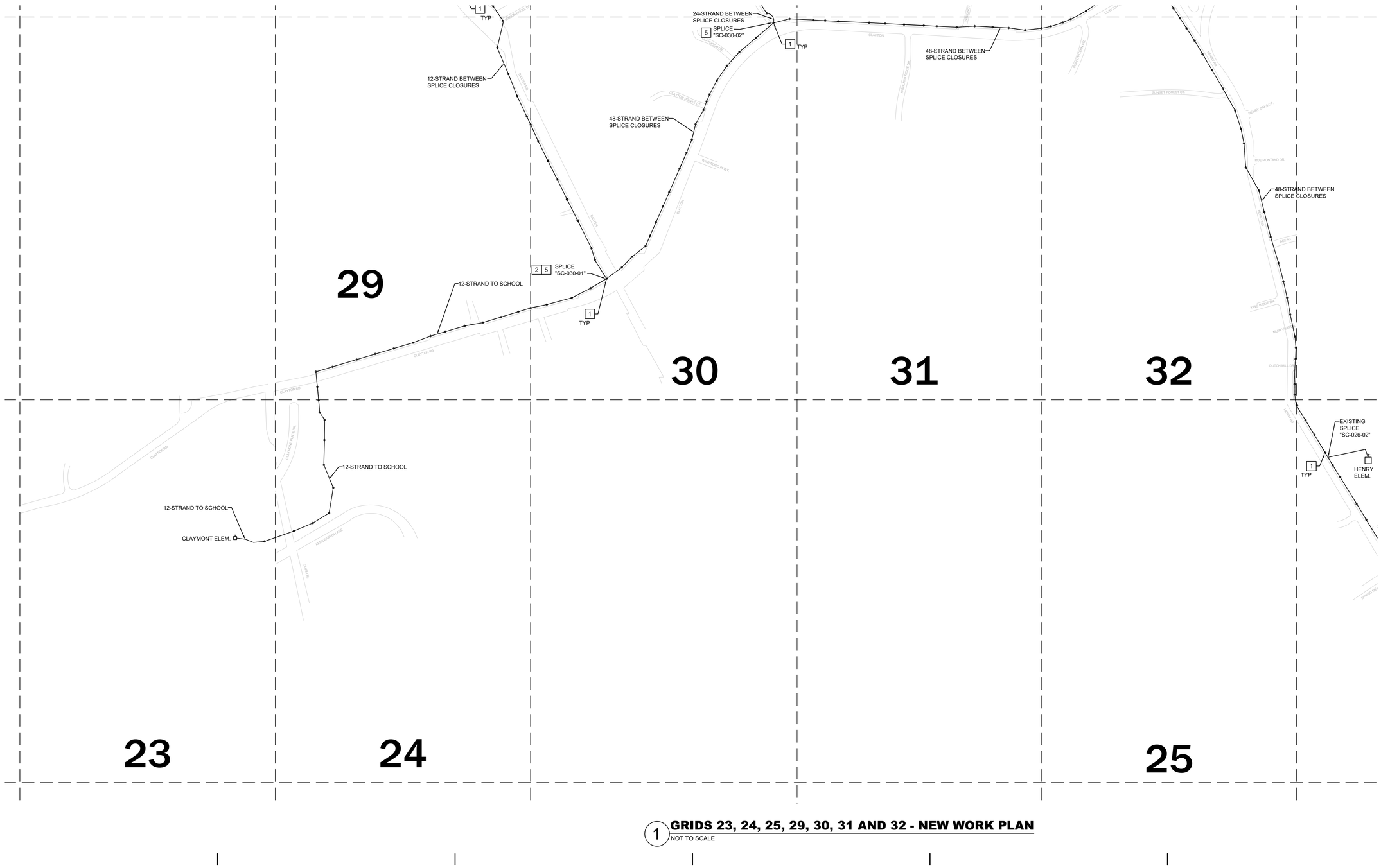
2 PROVIDE FIBER OPTIC CABLING FROM SPLICE CLOSURE TO SCHOOL. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.

3 AT THIS LOCATION TRANSITION CABLE FROM OVERHEAD TO UNDERGROUND.

4 PROVIDE NEW SPLICE CLOSURE IN EXISTING PULLBOX. PROVIDE NEW FIBER OPTIC CABLING FROM PULLBOX TO SCHOOL. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.

5 PROVIDE NEW SPLICE CLOSURE AND 100' MANAGED FIBER OPTIC SLACK AT THIS LOCATION.

6 PROVIDE NEW SPLICE CLOSURE IN EXISTING PULLBOX. PROVIDE NEW FIBER OPTIC CABLING BETWEEN SPLICE CLOSURES. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.



1 **GRIDS 23, 24, 25, 29, 30, 31 AND 32 - NEW WORK PLAN**
NOT TO SCALE

11/20/2023 10:57:52 AM

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IT Underground, Disaster Recovery and Network Upgrade

Multiple Locations
Parkway PN #002304B

Parkway School District
363 N. Woods Mill Rd., Chesterfield, MO 63017
314.415.8231 tel

Project No: 23010

Revisions

No.	Description	Date
1	Change Directive #02	10/09/2025

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07/27/2026

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Certificate of Authority:2014035825

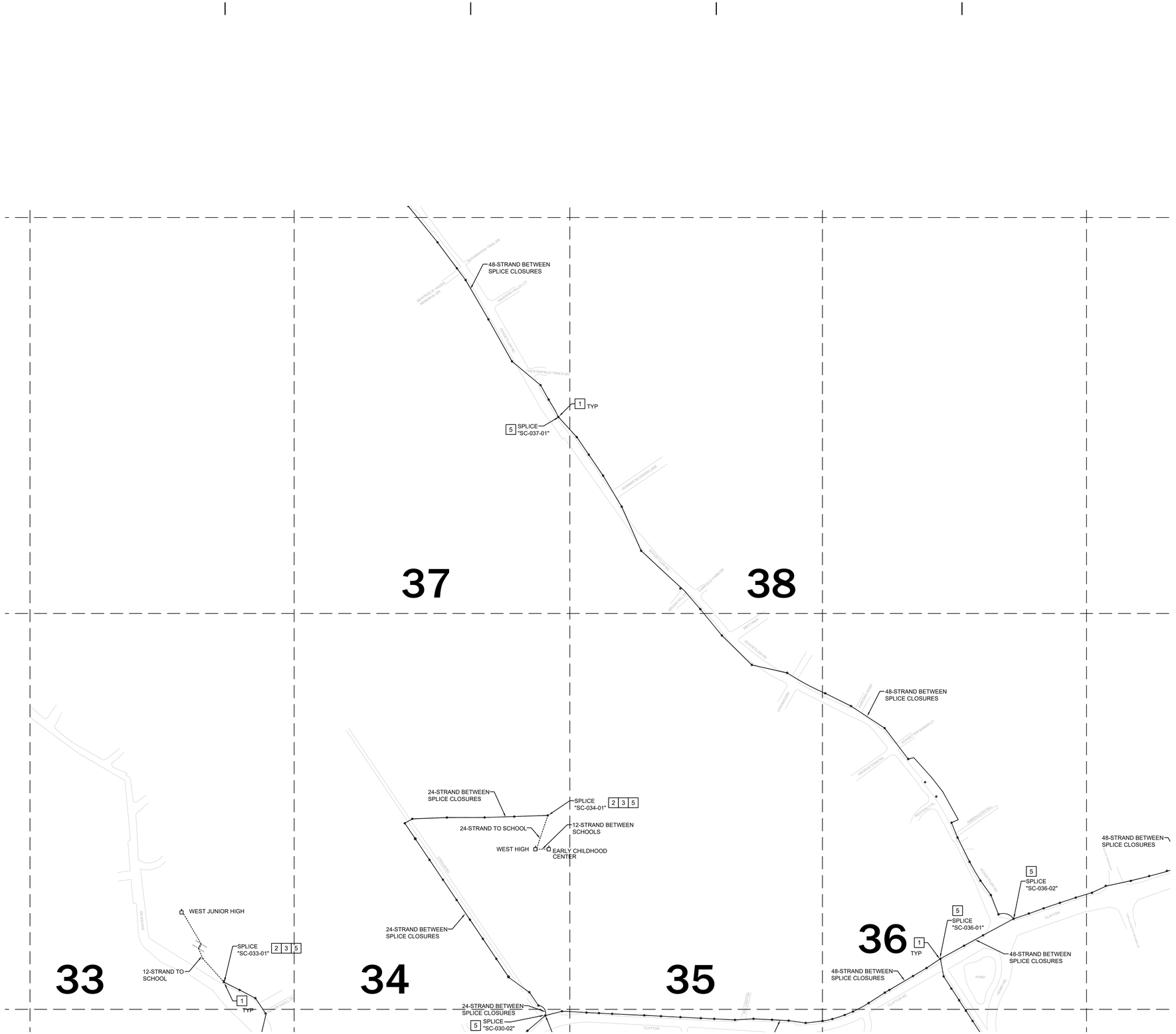
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BID / PERMIT SET

GRIDS 23, 24, 25, 29, 30, 31 AND 32 - NEW WORK PLAN

T2.01



1 **GRIDS 33, 34, 35, 36, 37, AND 38 - NEW WORK PLAN**
NOT TO SCALE

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GENERAL NOTES:

A. PLANS ARE DIAGRAMMATIC IN NATURE. THEY REFLECT THE AVAILABLE INFORMATION OBTAINED FROM FIELD OBSERVATION AND EXISTING DOCUMENTATION. ACTUAL LOCATION OF ELEMENTS AND EQUIPMENT MAY DEVIATE FROM THE LOCATION AND QUANTITIES SHOWN.

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C. EXISTING CABLING TO REMAIN SHALL BE TEMPORARILY SUPPORTED AND PROTECTED. EXISTING CABLING RUNNING THROUGH SPACE ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE. IF CABLE IS DAMAGED DURING THE CONSTRUCTION PROCESS, CONTRACTOR SHALL REPLACE CABLE WITH NEW PER SPECIFICATIONS.

D. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH EXTENT OF SCOPE OF WORK PRIOR TO BID SUBMITTAL TO DETERMINE CONDITIONS AFFECTING THE EXECUTION OF WORK. FAILURE TO BE ACQUAINTED WITH EXISTING CONDITIONS WILL NOT BE JUSTIFICATION FOR ADDITIONAL SERVICES.

E. WHERE CABLING IS RUN WITHIN SCHOOLS, VERIFY CABLE PATHWAY AND ADJUST ELEVATIONS AND ROUTING TO FACILITATE INSTALLATION. COORDINATE WITH EXISTING CONDITIONS. UTILIZE EXISTING PATHWAYS WHERE APPLICABLE. WHERE PATHWAYS DO NOT EXIST, PROVIDE NEW.

F. FIBER OPTIC CABLING SHALL TERMINATE IN MDF ON NEW FIBER HOUSING ON EXISTING RACKS. COORDINATE TERMINATIONS WITH OWNER.

G. REFER TO T3.00 FOR ENLARGED SCHOOL PLANS DENOTING GENERIC PATHWAY AND MDF LOCATION.

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2. PROVIDE FIBER OPTIC CABLING FROM SPLICE CLOSURE TO SCHOOL. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.
3. AT THIS LOCATION TRANSITION CABLE FROM OVERHEAD TO UNDERGROUND.
4. PROVIDE NEW SPLICE CLOSURE IN EXISTING PULLBOX. PROVIDE NEW FIBER OPTIC CABLING FROM PULLBOX TO SCHOOL. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.
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IT Underground, Disaster Recovery and Network Upgrade

Multiple Locations
Parkway PN #002304B

Parkway School District
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Project No: 23010

Revisions

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07/27/2026

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BID / PERMIT SET

GRIDS 33, 34, 35, 36, 37, AND 38 - NEW WORK PLAN

T2.02



1 **GRIDS 39, 40, 41, 43, 44, 45 AND 46 - NEW WORK PLAN**
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GENERAL NOTES:

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GRIDS 39, 40, 41, 43, 44, 45 AND 46 - NEW WORK PLAN

T2.03

SCALE: 3" = 1'-0"
SCALE: 1 1/2" = 1'-0"
SCALE: 1" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 1/8" = 1'-0"
SCALE: 1/16" = 1'-0"

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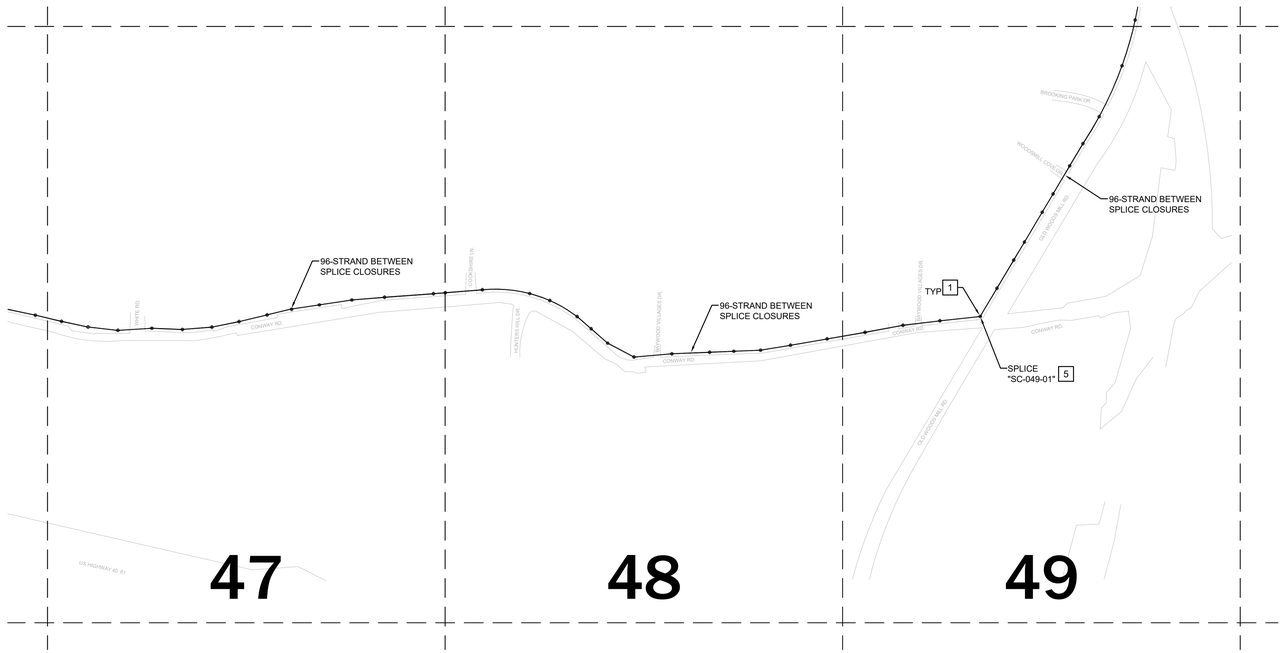
E. WHERE CABLING IS RUN WITHIN SCHOOLS, VERIFY CABLE PATHWAY AND ADJUST ELEVATIONS AND ROUTING TO FACILITATE INSTALLATION. COORDINATE WITH EXISTING CONDITIONS. UTILIZE EXISTING PATHWAYS WHERE APPLICABLE. WHERE PATHWAYS DO NOT EXIST, PROVIDE NEW.

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G. REFER TO T3.00 FOR ENLARGED SCHOOL PLANS DENOTING GENERIC PATHWAY AND MDF LOCATION.

KEYED NOTES: (NOT ALL NOTES MAY BE USED ON THIS SHEET)

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3. AT THIS LOCATION TRANSITION CABLE FROM OVERHEAD TO UNDERGROUND.
4. PROVIDE NEW SPLICE CLOSURE IN EXISTING PULLBOX. PROVIDE NEW FIBER OPTIC CABLING FROM PULLBOX TO SCHOOL. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.
5. PROVIDE NEW SPLICE CLOSURE AND 100' MANAGED FIBER OPTIC SLACK AT THIS LOCATION.
6. PROVIDE NEW SPLICE CLOSURE IN EXISTING PULLBOX. PROVIDE NEW FIBER OPTIC CABLING BETWEEN SPLICE CLOSURES. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.



1 **GRIDS 47, 48, AND 49 - NEW WORK PLAN**
NOT TO SCALE

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Multiple Locations
Parkway PN #002304B

Parkway School District
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314.415.8231 tel

Project No: 23010

Revisions

No.	Description	Date

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07/27/2026

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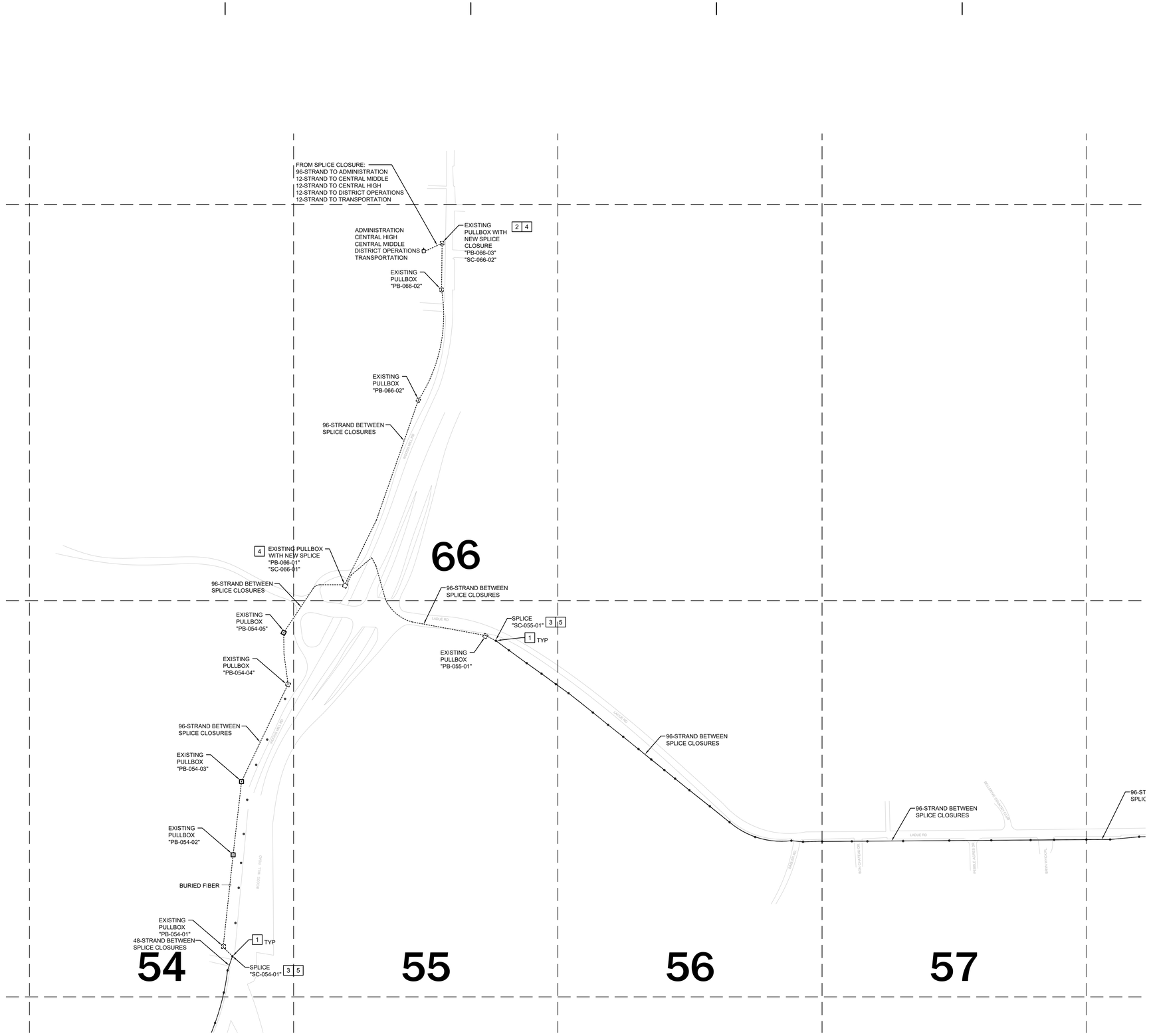
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BID / PERMIT SET

GRIDS 47, 48, AND 49 - NEW WORK PLAN

T2.04



1 **GRIDS 54, 55, 56, 57, AND 66 - NEW WORK PLAN**
NOT TO SCALE

5CALE: 3" = 1'-0" 1" 0.5" 0.25" 0
5CALE: 1 1/2" = 1'-0" 2" 1" 0.5" 0
5CALE: 1" = 1'-0" 2" 1" 0.5" 0
5CALE: 3/4" = 1'-0" 3" 2" 1" 0
5CALE: 1/2" = 1'-0" 4" 2" 1" 0
5CALE: 1/4" = 1'-0" 8" 4" 2" 0
5CALE: 1/8" = 1'-0" 16" 8" 4" 0
5CALE: 1/16" = 1'-0" 32" 16" 8" 0

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Project No: 23010

Revisions

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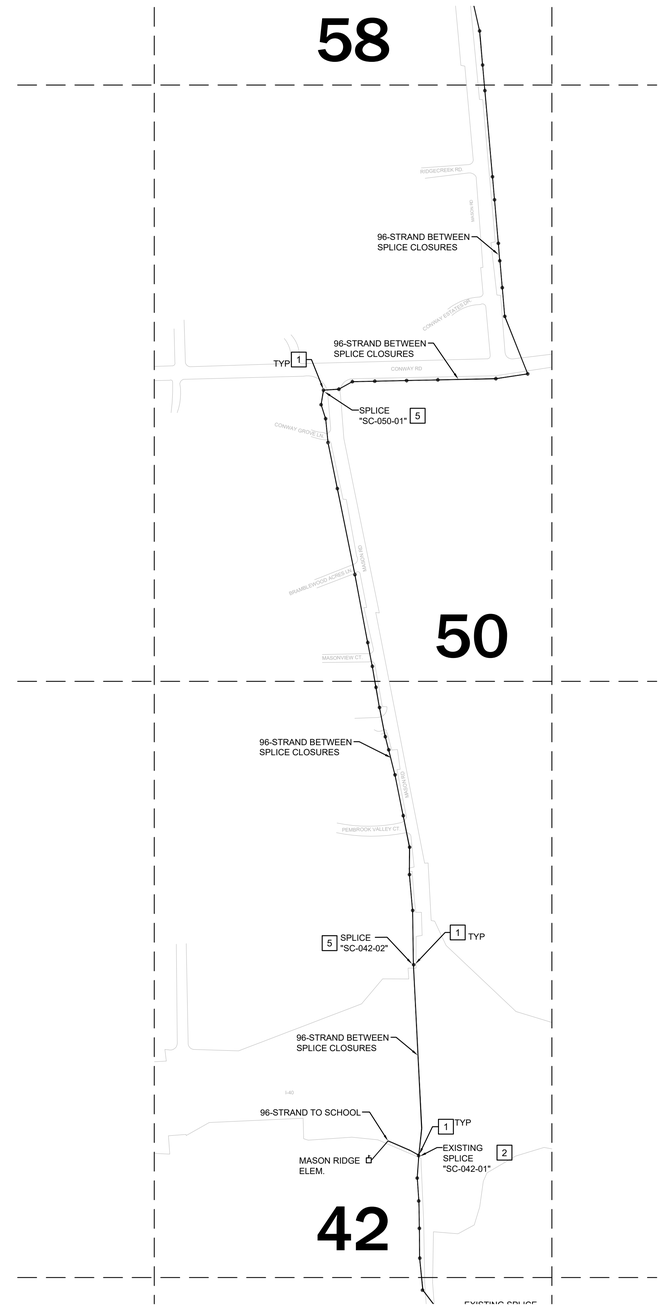
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BID / PERMIT SET

GRIDS 54, 55, 56, 57, AND 66 - NEW WORK PLAN

T2.05



1 **GRIDS 42 AND 50 - NEW WORK PLAN**
NOT TO SCALE

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'
SCALE: 1 1/2" = 1'-0" 0 0.5' 1' 2'
SCALE: 1" = 1'-0" 0 0.5' 1' 2'
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SCALE: 1/2" = 1'-0" 0 1' 2' 4'
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Parkway School District
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314.415.8231 tel

Project No: 23010

Revisions

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07/27/2026

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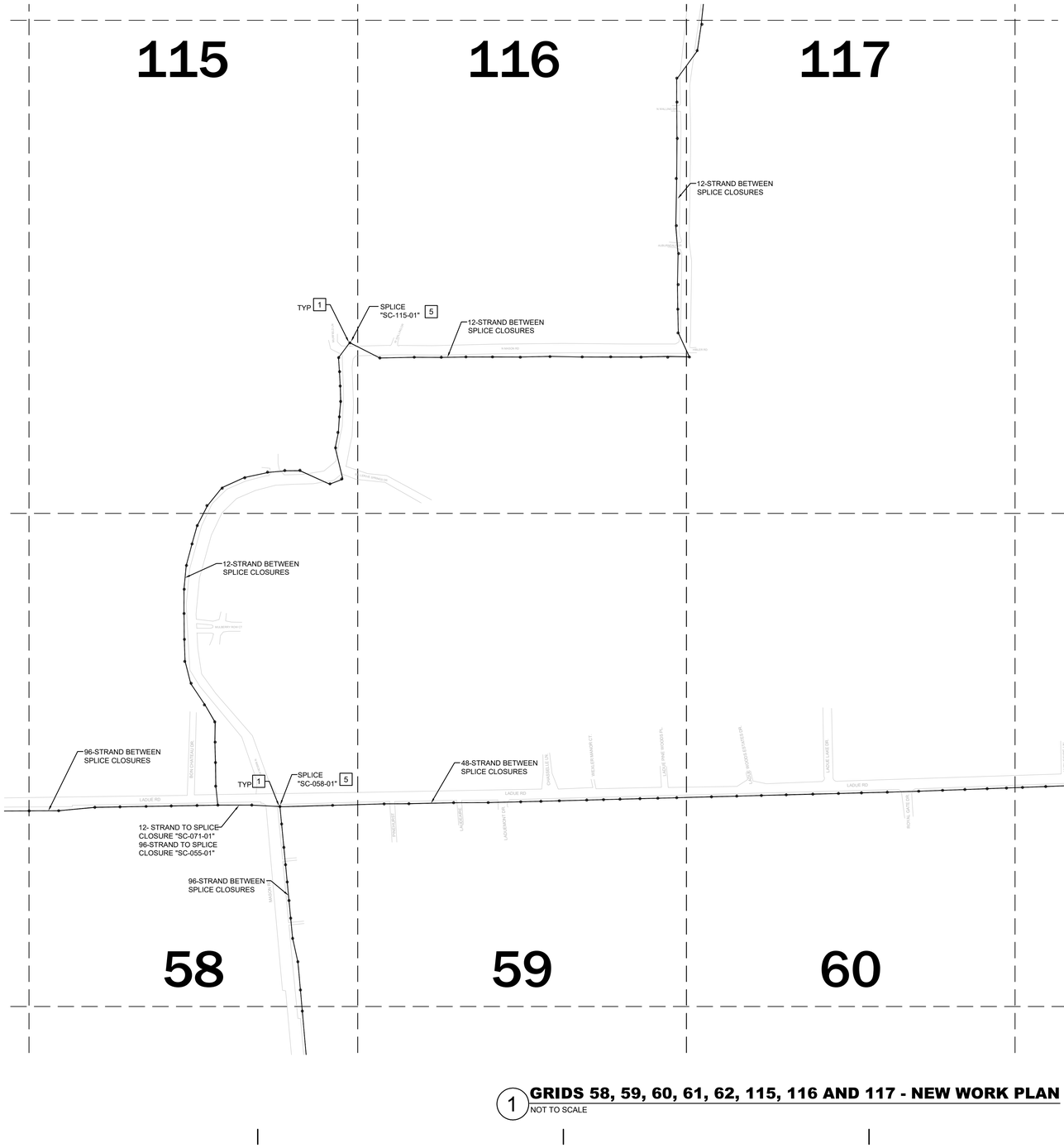
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DATE: 07/27/2026

BID / PERMIT SET

GRIDS 42 AND 50 - NEW WORK PLAN

T2.06



1 **GRIDS 58, 59, 60, 61, 62, 115, 116 AND 117 - NEW WORK PLAN**
NOT TO SCALE

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GENERAL NOTES:

A. PLANS ARE DIAGRAMMATIC IN NATURE. THEY REFLECT THE AVAILABLE INFORMATION OBTAINED FROM FIELD OBSERVATION AND EXISTING DOCUMENTATION. ACTUAL LOCATION OF ELEMENTS AND EQUIPMENT MAY DEVIATE FROM THE LOCATION AND QUANTITIES SHOWN.

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Project No: 23010

Revisions

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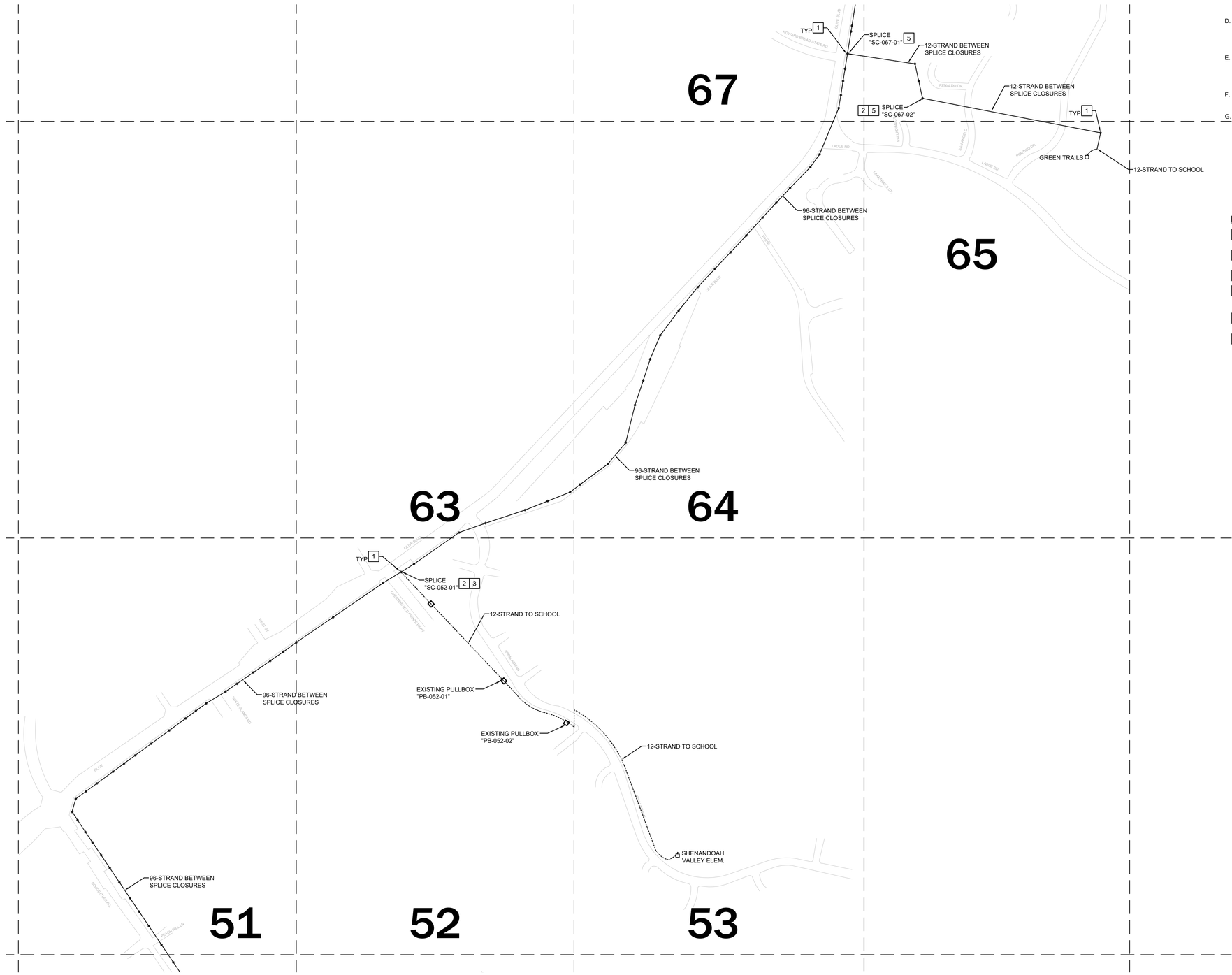
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DATE: 07/27/2026

BID / PERMIT SET

GRIDS 58, 59, 60, 61, 62, 115, 116 AND 117 - NEW WORK PLAN

T2.07



1 **GRIDS 51, 52, 53, 63, 64, AND 65 - NEW WORK PLAN**
NOT TO SCALE

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Project No: 23010

Revisions

No.	Description	Date
1	Change Directive #02	10/09/2025

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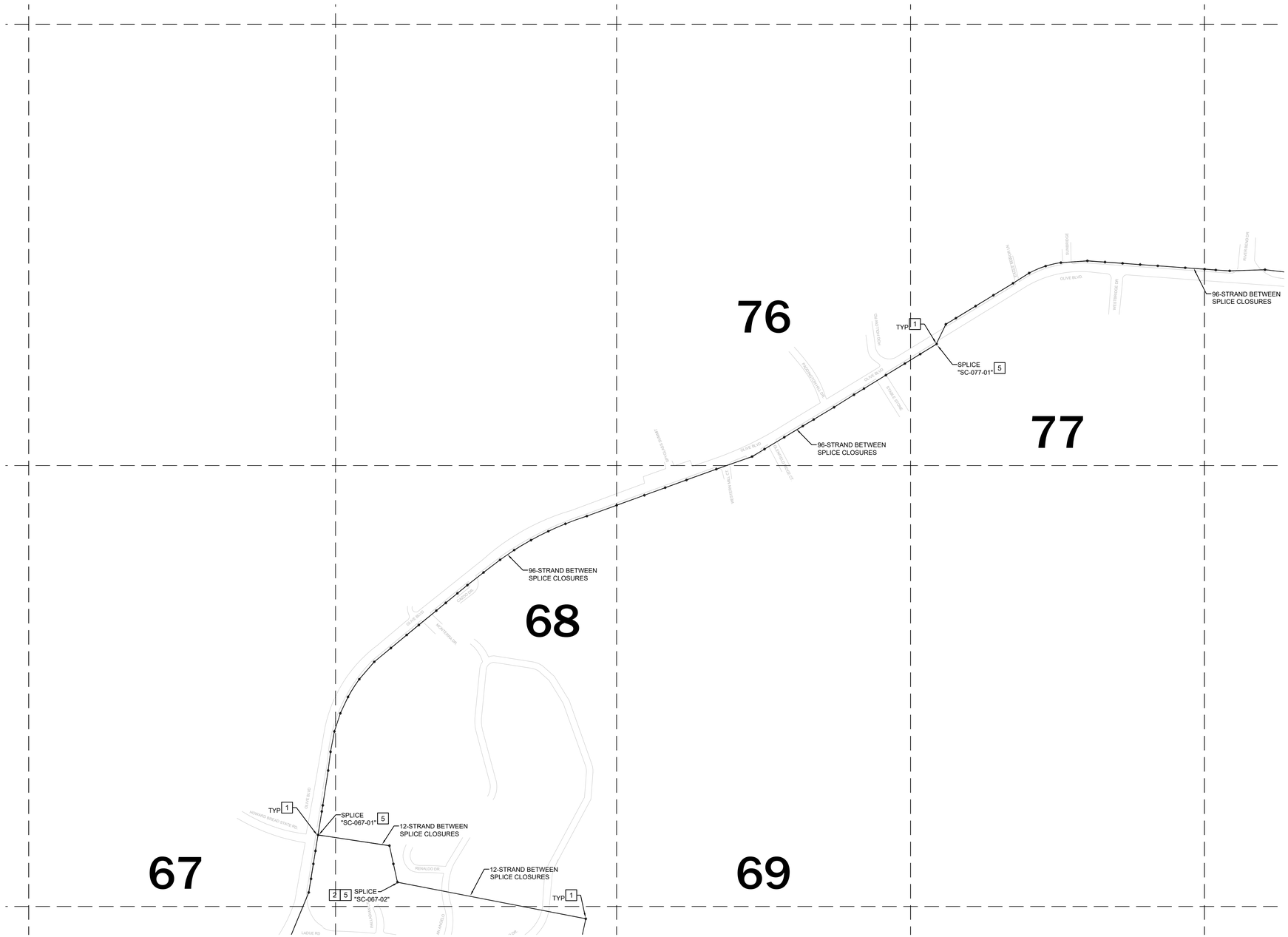
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BID / PERMIT SET

GRIDS 51, 52, 53, 63, 64, AND 65 - NEW WORK PLAN

T2.08



1 **GRIDS 67, 68, 69, 76, AND 77 - NEW WORK PLAN**
NOT TO SCALE

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1. PROVIDE NEW FIBER OPTIC CABLE BETWEEN POLES DENOTED WITH THIS KEYED NOTE. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.
2. PROVIDE FIBER OPTIC CABLING FROM SPLICE CLOSURE TO SCHOOL. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.
3. AT THIS LOCATION TRANSITION CABLE FROM OVERHEAD TO UNDERGROUND.
4. PROVIDE NEW SPLICE CLOSURE IN EXISTING PULLBOX. PROVIDE NEW FIBER OPTIC CABLING FROM PULLBOX TO SCHOOL. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.
5. PROVIDE NEW SPLICE CLOSURE AND 100' MANAGED FIBER OPTIC SLACK AT THIS LOCATION.
6. PROVIDE NEW SPLICE CLOSURE IN EXISTING PULLBOX. PROVIDE NEW FIBER OPTIC CABLING BETWEEN SPLICE CLOSURES. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.

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IT Underground, Disaster Recovery and Network Upgrade

Multiple Locations
Parkway PN #002304B

Parkway School District
363 N. Woods Mill Rd., Chesterfield, MO 63017
314.415.8231 tel

Project No: 23010

Revisions

No.	Description	Date
1	Change Directive #02	10/09/2025

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MICHAEL D. MITCHELL
NUMBER PE-2010019977
PROFESSIONAL ENGINEER
07/27/2026

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MO License#2010019977 Exp:02/31/2026
Certificate of Authority #2010023826

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DATE: 07/27/2026

BID / PERMIT SET

GRIDS 67, 68, 69, 76, AND 77 - NEW WORK PLAN

T2.09

SCALE: 3" = 1'-0"
0 0.25' 0.5' 1'

SCALE: 1 1/2" = 1'-0"
0 0.5' 1' 2'

SCALE: 1" = 1'-0"
0 0.5' 1' 2'

SCALE: 3/4" = 1'-0"
0 1' 2' 3'

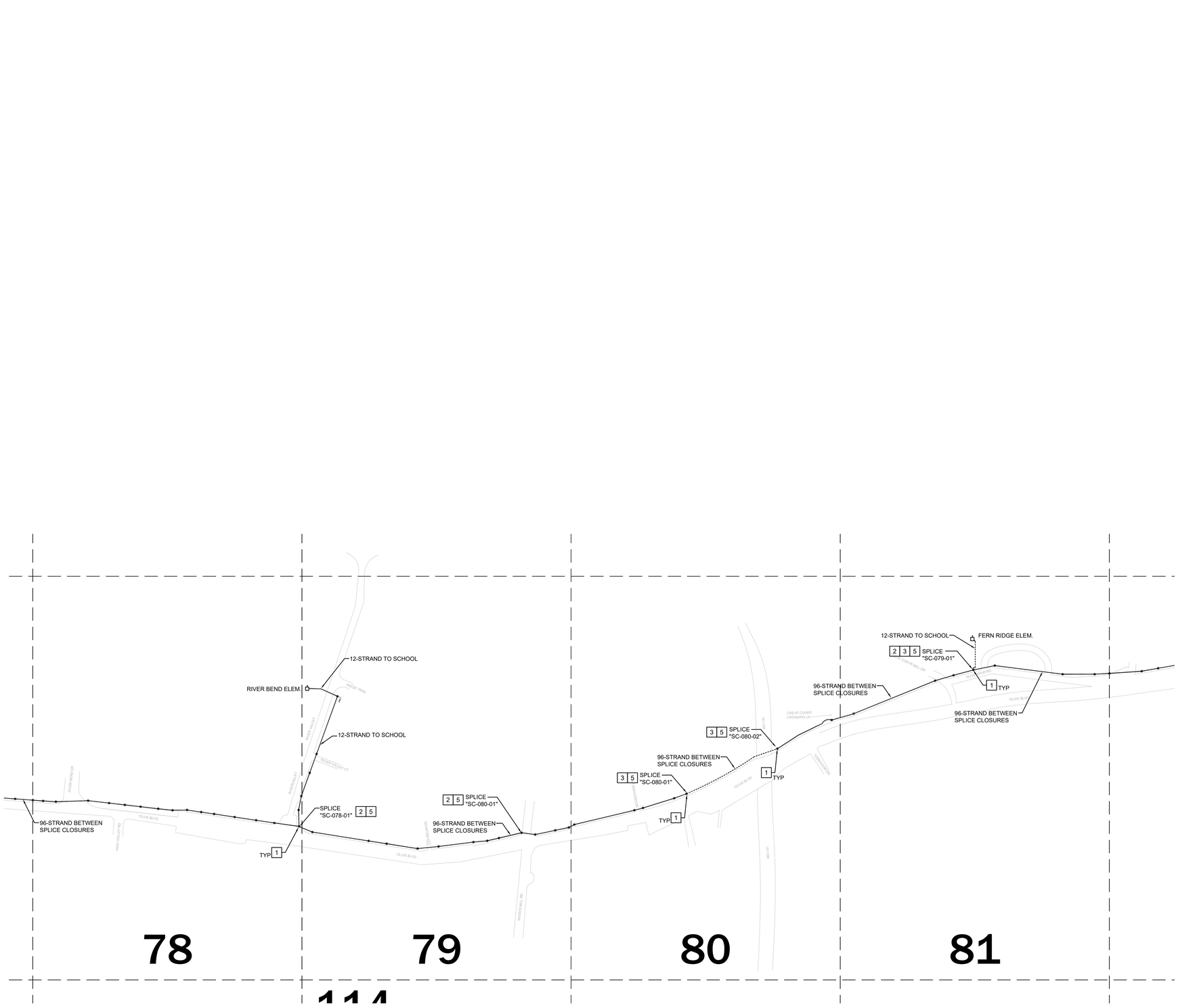
SCALE: 1/2" = 1'-0"
0 2' 4'

SCALE: 1/4" = 1'-0"
0 2' 4' 8'

SCALE: 1/8" = 1'-0"
0 4' 8' 16'

SCALE: 1/16" = 1'-0"
0 8' 16' 32'

11/20/2023 10:57:52 AM



1 **GRIDS 78, 79, 80, AND 81 - NEW WORK PLAN**
NOT TO SCALE

GENERAL NOTES:

A. PLANS ARE DIAGRAMMATIC IN NATURE. THEY REFLECT THE AVAILABLE INFORMATION OBTAINED FROM FIELD OBSERVATION AND EXISTING DOCUMENTATION. ACTUAL LOCATION OF ELEMENTS AND EQUIPMENT MAY DEVIATE FROM THE LOCATION AND QUANTITIES SHOWN.

B. EXISTING SPLICE CLOSURE LOCATIONS, POLE LOCATIONS AND DISTANCES BETWEEN POLES ARE FOR GENERIC REFERENCE ONLY.

C. EXISTING CABLING TO REMAIN SHALL BE TEMPORARILY SUPPORTED AND PROTECTED. EXISTING CABLING RUNNING THROUGH SPACE ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE. IF CABLE IS DAMAGED DURING THE CONSTRUCTION PROCESS, CONTRACTOR SHALL REPLACE CABLE WITH NEW PER SPECIFICATIONS.

D. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH EXTENT OF SCOPE OF WORK PRIOR TO BID SUBMITTAL TO DETERMINE CONDITIONS AFFECTING THE EXECUTION OF WORK. FAILURE TO BE ACQUAINTED WITH EXISTING CONDITIONS WILL NOT BE JUSTIFICATION FOR ADDITIONAL SERVICES.

E. WHERE CABLING IS RUN WITHIN SCHOOLS, VERIFY CABLE PATHWAY AND ADJUST ELEVATIONS AND ROUTING TO FACILITATE INSTALLATION. COORDINATE WITH EXISTING CONDITIONS. UTILIZE EXISTING PATHWAYS WHERE APPLICABLE. WHERE PATHWAYS DO NOT EXIST, PROVIDE NEW.

F. FIBER OPTIC CABLING SHALL TERMINATE IN MDF ON NEW FIBER HOUSING ON EXISTING RACKS. COORDINATE TERMINATIONS WITH OWNER.

G. REFER TO T3.00 FOR ENLARGED SCHOOL PLANS DENOTING GENERIC PATHWAY AND MDF LOCATION.

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3 AT THIS LOCATION TRANSITION CABLE FROM OVERHEAD TO UNDERGROUND.

4 PROVIDE NEW SPLICE CLOSURE IN EXISTING PULLBOX. PROVIDE NEW FIBER OPTIC CABLING FROM PULLBOX TO SCHOOL. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.

5 PROVIDE NEW SPLICE CLOSURE AND 100' MANAGED FIBER OPTIC SLACK AT THIS LOCATION.

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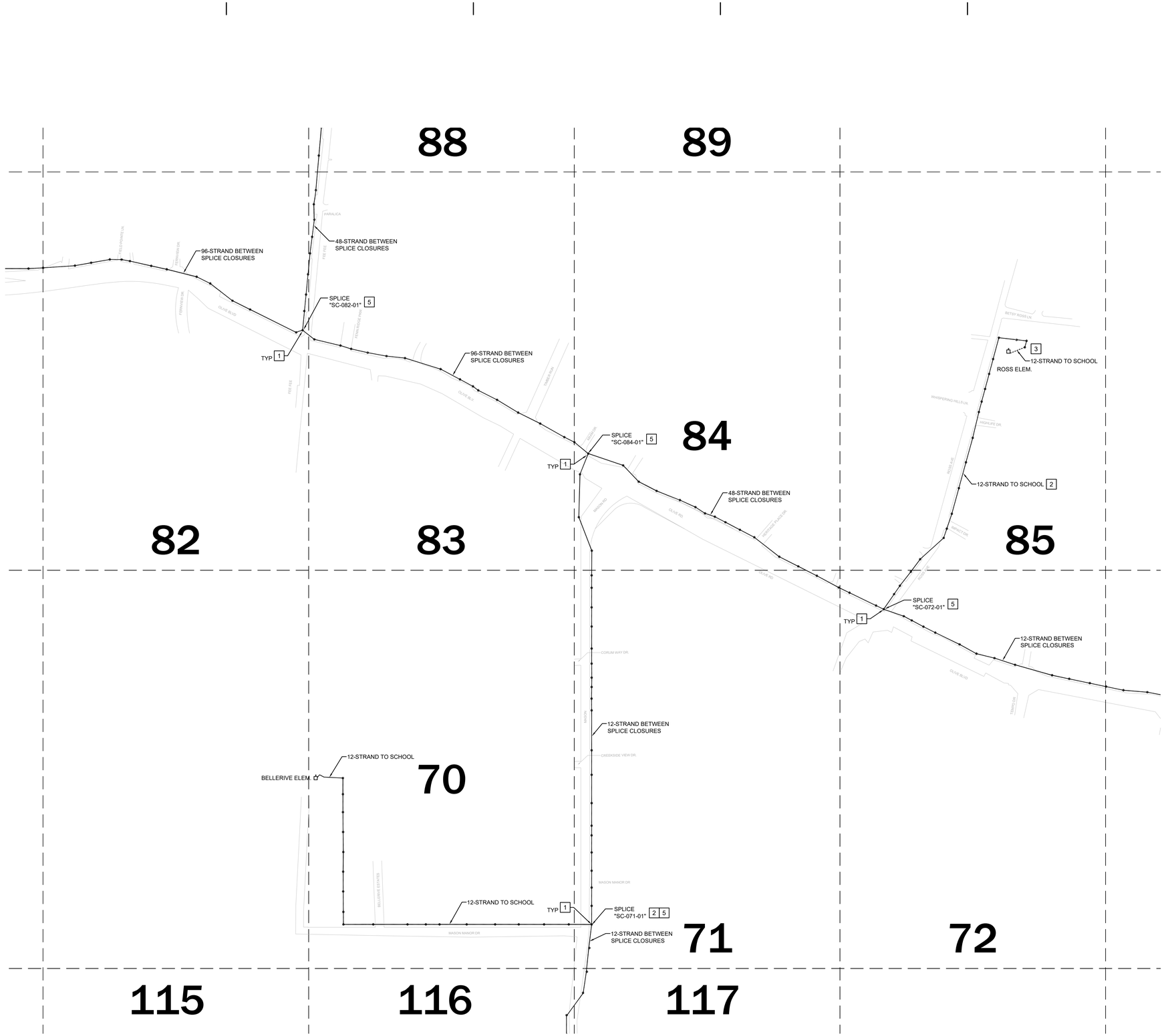
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DATE: 07/27/2026

BID / PERMIT SET

GRIDS 78, 79, 80, AND 81 - NEW WORK PLAN

T2.10



1 **GRIDS 70, 71, 72, 82, 83, 84, AND 85 - NEW WORK PLAN**
NOT TO SCALE

SCALE: 3" = 1'-0" 1" 0.5" 0.25" 0
SCALE: 1 1/2" = 1'-0" 2" 1" 0.5" 0
SCALE: 1" = 1'-0" 2" 1" 0.5" 0
SCALE: 3/4" = 1'-0" 3" 2" 1" 0
SCALE: 1/2" = 1'-0" 4" 2" 1" 0
SCALE: 1/4" = 1'-0" 8" 4" 2" 0
SCALE: 1/8" = 1'-0" 16" 8" 4" 0
SCALE: 1/16" = 1'-0" 32" 16" 8" 0

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F. FIBER OPTIC CABLING SHALL TERMINATE IN MDF ON NEW FIBER HOUSING ON EXISTING RACKS. COORDINATE TERMINATIONS WITH OWNER.

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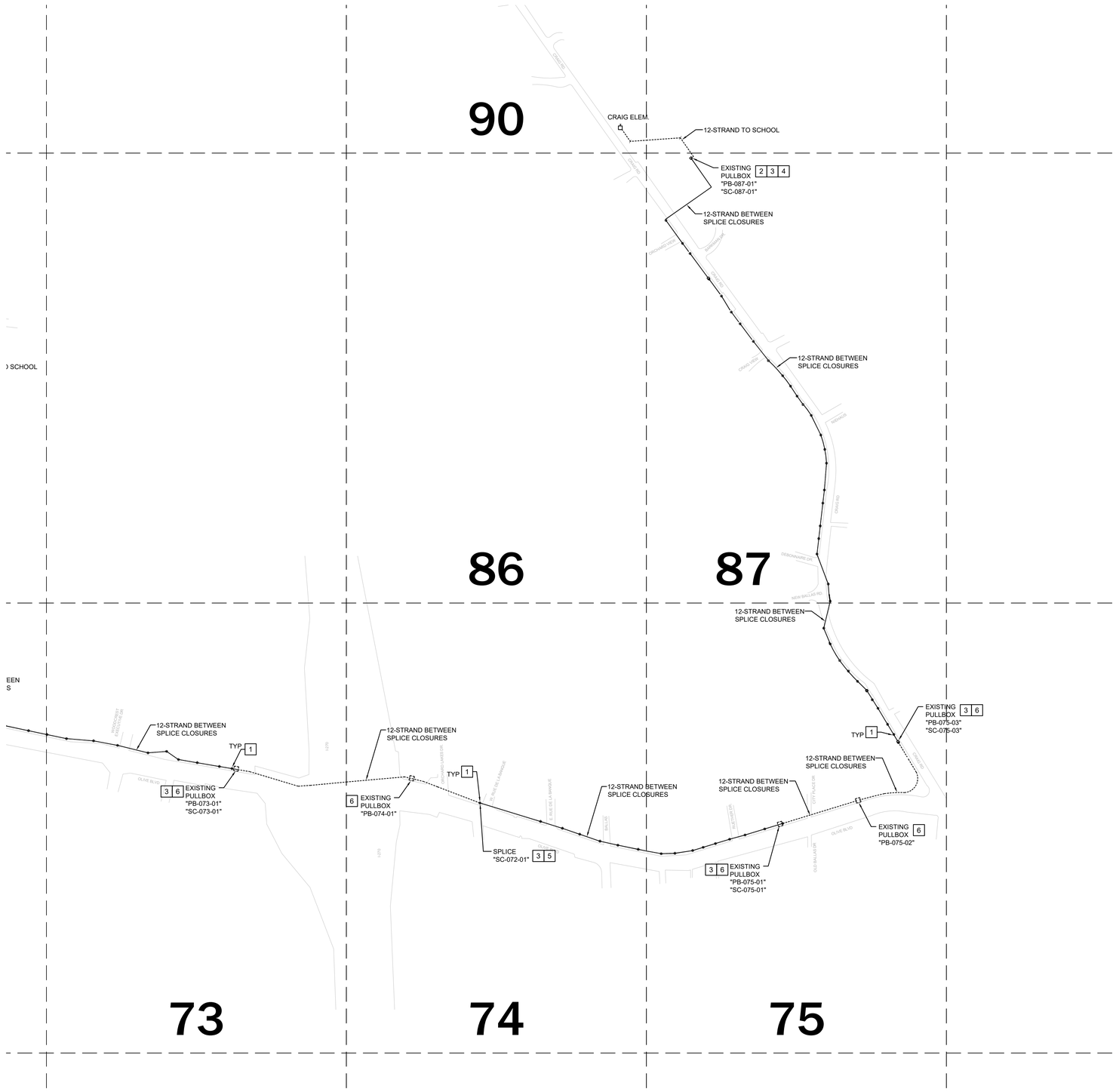
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BID / PERMIT SET

GRIDS 70, 71, 72, 82, 83, 84, AND 85 - NEW WORK PLAN

T2.11



1 **GRIDS 73, 74, 75, 86, 87, AND 90 - NEW WORK PLAN**
NOT TO SCALE

11/20/2023 10:57:52 AM

GENERAL NOTES:

A. PLANS ARE DIAGRAMMATIC IN NATURE. THEY REFLECT THE AVAILABLE INFORMATION OBTAINED FROM FIELD OBSERVATION AND EXISTING DOCUMENTATION. ACTUAL LOCATION OF ELEMENTS AND EQUIPMENT MAY DEVIATE FROM THE LOCATION AND QUANTITIES SHOWN.

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Revisions

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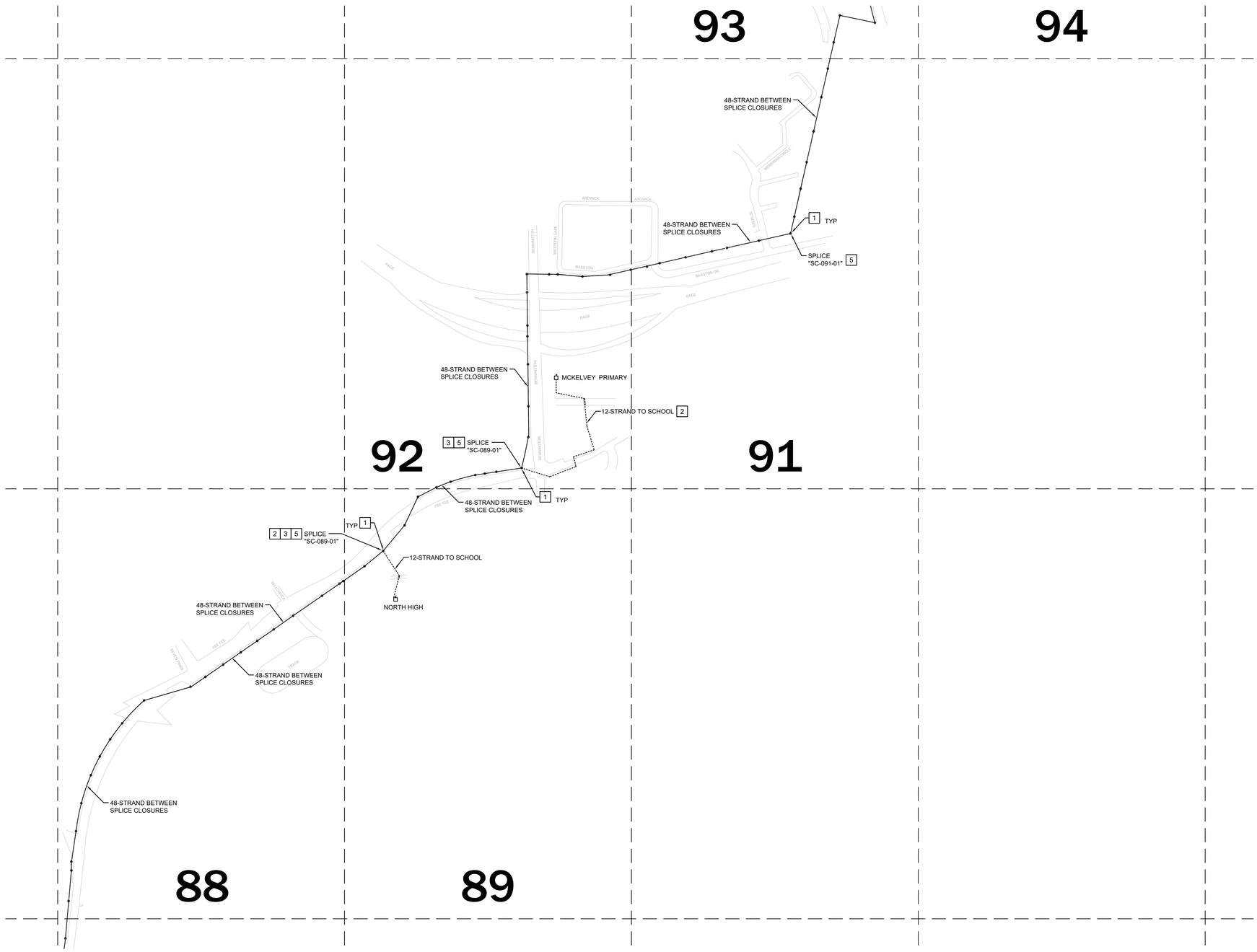
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DATE: 07/27/2026

BID / PERMIT SET

GRIDS 73, 74, 75, 86, 87, AND 90 - NEW WORK PLAN

T2.12



1 **GRIDS 88, 89, 91, AND 92 - NEW WORK PLAN**
NOT TO SCALE

GENERAL NOTES:

A. PLANS ARE DIAGRAMMATIC IN NATURE. THEY REFLECT THE AVAILABLE INFORMATION OBTAINED FROM FIELD OBSERVATION AND EXISTING DOCUMENTATION. ACTUAL LOCATION OF ELEMENTS AND EQUIPMENT MAY DEVIATE FROM THE LOCATION AND QUANTITIES SHOWN.

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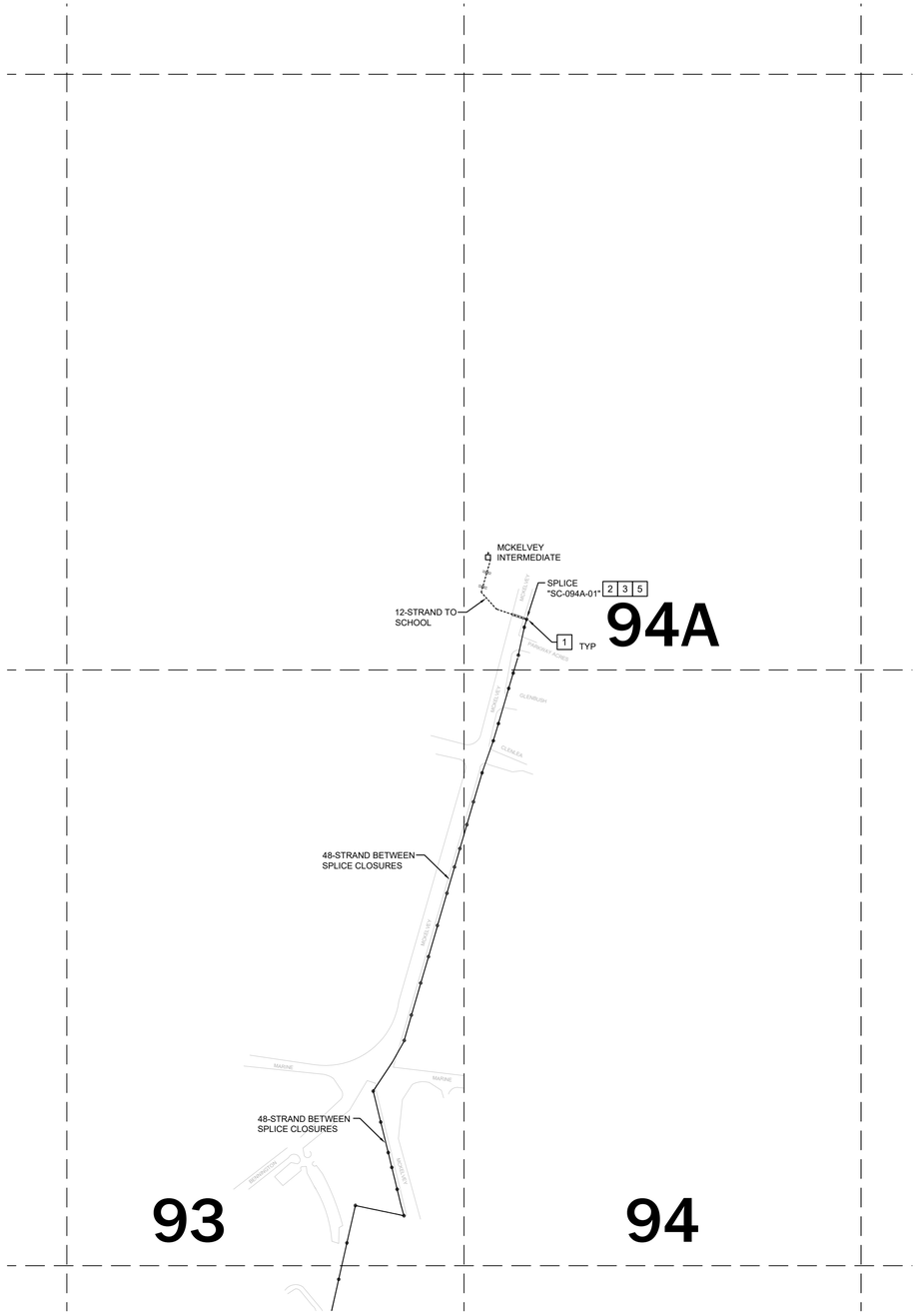
GRIDS 88, 89, 91, AND 92 - NEW WORK PLAN

T2.13

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SCALE: 1 1/2" = 1'-0"
SCALE: 1" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 1/8" = 1'-0"
SCALE: 1/16" = 1'-0"

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1 **GRIDS 93, 94, AND 94A - NEW WORK PLAN**
NOT TO SCALE

GENERAL NOTES:

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IT Underground, Disaster Recovery and Network Upgrade

Multiple Locations
Parkway PN #002304B

Parkway School District
363 N. Woods Mill Rd., Chesterfield, MO 63017
314.415.8231 tel

Project No: 23010

Revisions

No.	Description	Date
1	Change Directive #02	10/09/2025

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NUMBER PE-2010019577
PROFESSIONAL ENGINEER
07/27/2026

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Certificate of Authority #2010023826

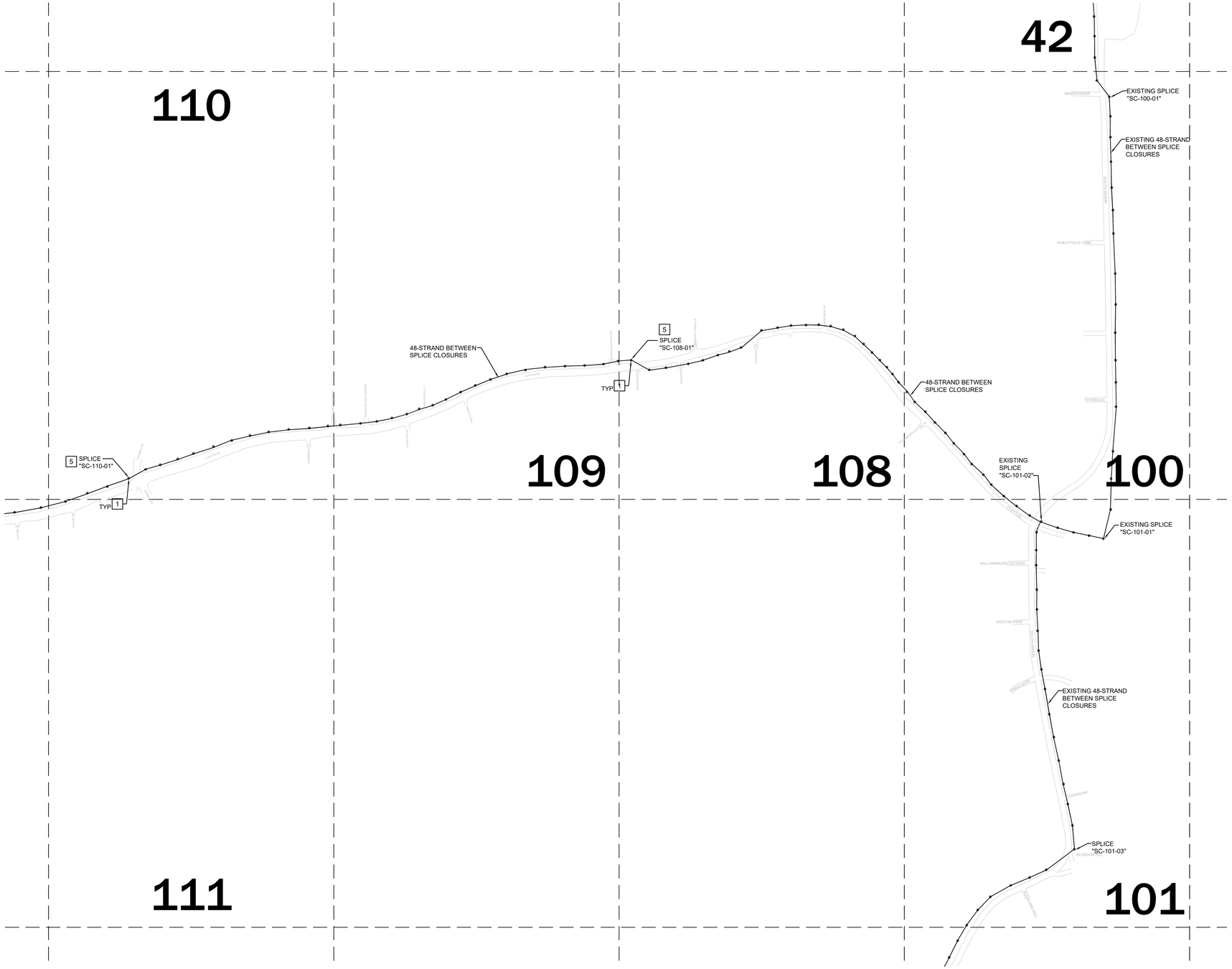
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DATE: 07/27/2026

BID / PERMIT SET

GRIDS 93, 94, AND 94A - NEW WORK PLAN

T2.14



1 **GRIDS 100, 101, 108, 109, 110 AND 111 - NEW WORK PLAN**
NOT TO SCALE

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'
SCALE: 1 1/2" = 1'-0" 0 0.5' 1' 2'
SCALE: 1" = 1'-0" 0 0.5' 1' 2'
SCALE: 3/4" = 1'-0" 0 1' 2' 3'
SCALE: 1/2" = 1'-0" 0 1' 2' 4'
SCALE: 1/4" = 1'-0" 0 2' 4' 8'
SCALE: 1/8" = 1'-0" 0 4' 8' 16'
SCALE: 1/16" = 1'-0" 0 8' 16' 32'

11/20/2023 10:57:52 AM

GENERAL NOTES:

A. PLANS ARE DIAGRAMMATIC IN NATURE. THEY REFLECT THE AVAILABLE INFORMATION OBTAINED FROM FIELD OBSERVATION AND EXISTING DOCUMENTATION. ACTUAL LOCATION OF ELEMENTS AND EQUIPMENT MAY DEVIATE FROM THE LOCATION AND QUANTITIES SHOWN.

B. EXISTING SPLICE CLOSURE LOCATIONS, POLE LOCATIONS AND DISTANCES BETWEEN POLES ARE FOR GENERIC REFERENCE ONLY.

C. EXISTING CABLING TO REMAIN SHALL BE TEMPORARILY SUPPORTED AND PROTECTED. EXISTING CABLING RUNNING THROUGH SPACE ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE. IF CABLE IS DAMAGED DURING THE CONSTRUCTION PROCESS, CONTRACTOR SHALL REPLACE CABLE WITH NEW PER SPECIFICATIONS.

D. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH EXTENT OF SCOPE OF WORK PRIOR TO BID SUBMITTAL TO DETERMINE CONDITIONS AFFECTING THE EXECUTION OF WORK. FAILURE TO BE ACQUAINTED WITH EXISTING CONDITIONS WILL NOT BE JUSTIFICATION FOR ADDITIONAL SERVICES.

E. WHERE CABLING IS RUN WITHIN SCHOOLS, VERIFY CABLE PATHWAY AND ADJUST ELEVATIONS AND ROUTING TO FACILITATE INSTALLATION. COORDINATE WITH EXISTING CONDITIONS. UTILIZE EXISTING PATHWAYS WHERE APPLICABLE. WHERE PATHWAYS DO NOT EXIST, PROVIDE NEW.

F. FIBER OPTIC CABLING SHALL TERMINATE IN MDF ON NEW FIBER HOUSING ON EXISTING RACKS. COORDINATE TERMINATIONS WITH OWNER.

G. REFER TO T3.00 FOR ENLARGED SCHOOL PLANS DENOTING GENERIC PATHWAY AND MDF LOCATION.

KEYED NOTES: (NOT ALL NOTES MAY BE USED ON THIS SHEET)

1. PROVIDE NEW FIBER OPTIC CABLE BETWEEN POLES DENOTED WITH THIS KEYED NOTE. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.
2. PROVIDE FIBER OPTIC CABLING FROM SPLICE CLOSURE TO SCHOOL. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.
3. AT THIS LOCATION TRANSITION CABLE FROM OVERHEAD TO UNDERGROUND.
4. PROVIDE NEW SPLICE CLOSURE IN EXISTING PULLBOX. PROVIDE NEW FIBER OPTIC CABLING FROM PULLBOX TO SCHOOL. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.
5. PROVIDE NEW SPLICE CLOSURE AND 100' MANAGED FIBER OPTIC SLACK AT THIS LOCATION.
6. PROVIDE NEW SPLICE CLOSURE IN EXISTING PULLBOX. PROVIDE NEW FIBER OPTIC CABLING BETWEEN SPLICE CLOSURES. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.

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IT Underground, Disaster Recovery and Network Upgrade

Multiple Locations
Parkway PN #002304B

Parkway School District
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314.415.6231 tel

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Revisions

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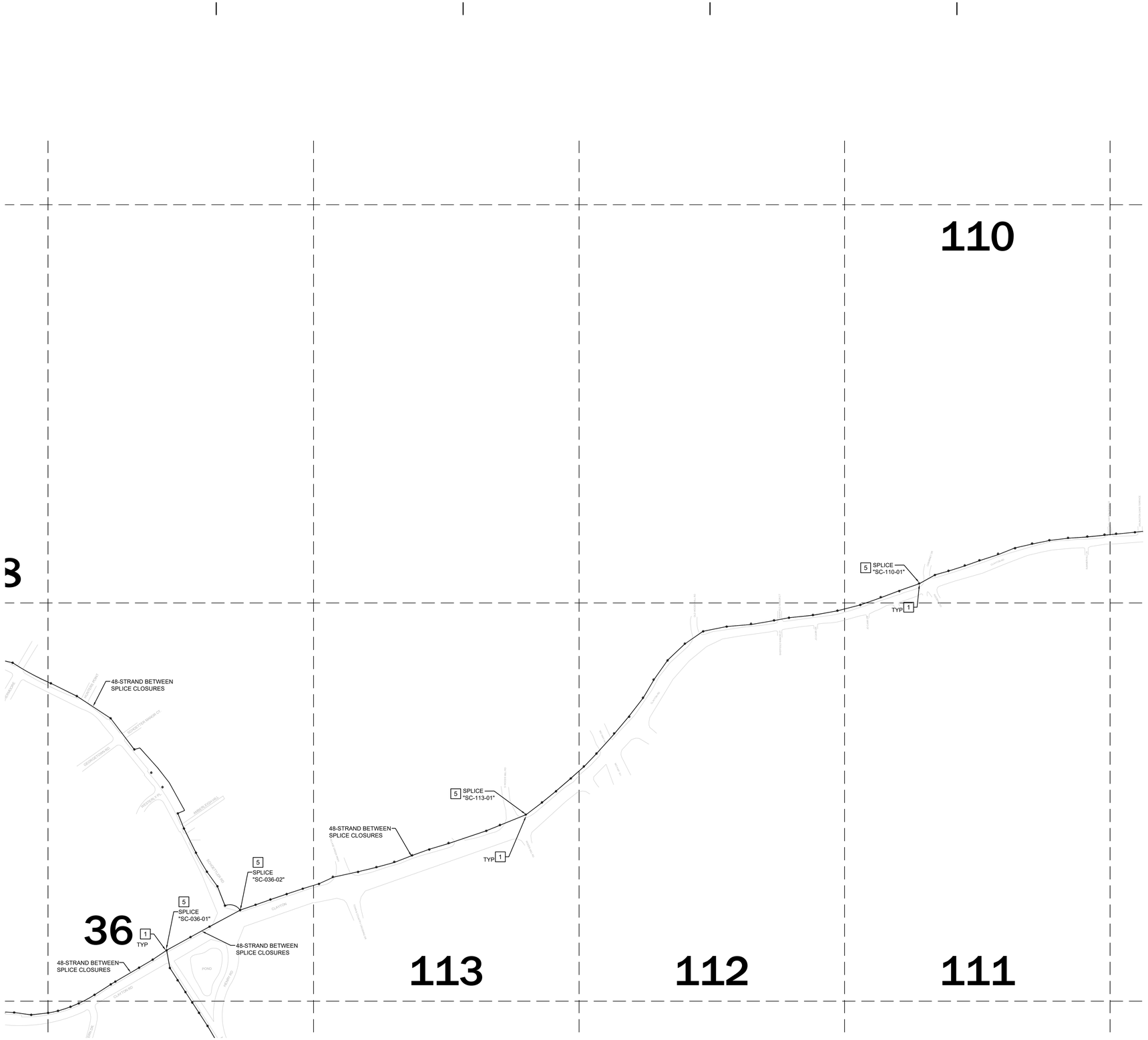
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BID / PERMIT SET

GRIDS 100, 101, 108, 109, 110 AND 111 - NEW WORK PLAN

T2.15



1 **GRIDS 110, 111, 112 AND 113 - NEW WORK PLAN**
NOT TO SCALE

GENERAL NOTES:

A. PLANS ARE DIAGRAMMATIC IN NATURE. THEY REFLECT THE AVAILABLE INFORMATION OBTAINED FROM FIELD OBSERVATION AND EXISTING DOCUMENTATION. ACTUAL LOCATION OF ELEMENTS AND EQUIPMENT MAY DEVIATE FROM THE LOCATION AND QUANTITIES SHOWN.

B. EXISTING SPLICE CLOSURE LOCATIONS, POLE LOCATIONS AND DISTANCES BETWEEN POLES ARE FOR GENERIC REFERENCE ONLY.

C. EXISTING CABLING TO REMAIN SHALL BE TEMPORARILY SUPPORTED AND PROTECTED. EXISTING CABLING RUNNING THROUGH SPACE ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE. IF CABLE IS DAMAGED DURING THE CONSTRUCTION PROCESS, CONTRACTOR SHALL REPLACE CABLE WITH NEW PER SPECIFICATIONS.

D. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH EXTENT OF SCOPE OF WORK PRIOR TO BID SUBMITTAL TO DETERMINE CONDITIONS AFFECTING THE EXECUTION OF WORK. FAILURE TO BE ACQUAINTED WITH EXISTING CONDITIONS WILL NOT BE JUSTIFICATION FOR ADDITIONAL SERVICES.

E. WHERE CABLING IS RUN WITHIN SCHOOLS, VERIFY CABLE PATHWAY AND ADJUST ELEVATIONS AND ROUTING TO FACILITATE INSTALLATION. COORDINATE WITH EXISTING CONDITIONS. UTILIZE EXISTING PATHWAYS WHERE APPLICABLE. WHERE PATHWAYS DO NOT EXIST, PROVIDE NEW.

F. FIBER OPTIC CABLING SHALL TERMINATE IN MDF ON NEW FIBER HOUSING ON EXISTING RACKS. COORDINATE TERMINATIONS WITH OWNER.

G. REFER TO T3.00 FOR ENLARGED SCHOOL PLANS DENOTING GENERIC PATHWAY AND MDF LOCATION.

KEYED NOTES: (NOT ALL NOTES MAY BE USED ON THIS SHEET)

1. PROVIDE NEW FIBER OPTIC CABLE BETWEEN POLES DENOTED WITH THIS KEYED NOTE. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.
2. PROVIDE FIBER OPTIC CABLING FROM SPLICE CLOSURE TO SCHOOL. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.
3. AT THIS LOCATION TRANSITION CABLE FROM OVERHEAD TO UNDERGROUND.
4. PROVIDE NEW SPLICE CLOSURE IN EXISTING PULLBOX. PROVIDE NEW FIBER OPTIC CABLING FROM PULLBOX TO SCHOOL. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.
5. PROVIDE NEW SPLICE CLOSURE AND 100' MANAGED FIBER OPTIC SLACK AT THIS LOCATION.
6. PROVIDE NEW SPLICE CLOSURE IN EXISTING PULLBOX. PROVIDE NEW FIBER OPTIC CABLING BETWEEN SPLICE CLOSURES. PROVIDE STRAND QUANTITY AS DENOTED ON PLANS.

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Project No: 23010

Revisions

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BID / PERMIT SET

GRIDS 110, 111, 112 AND 113 - NEW WORK PLAN

T2.16

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GENERAL NOTES:

A. PLANS ARE DIAGRAMMATIC IN NATURE. THEY REFLECT THE AVAILABLE INFORMATION OBTAINED FROM FIELD OBSERVATION AND EXISTING DOCUMENTATION. ACTUAL LOCATION OF ELEMENTS AND EQUIPMENT MAY DEVIATE FROM THE LOCATION AND QUANTITIES SHOWN.
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C. EXISTING CABLING TO REMAIN SHALL BE TEMPORARILY SUPPORTED AND PROTECTED. EXISTING CABLING RUNNING THROUGH SPACE ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE. IF CABLE IS DAMAGED DURING THE CONSTRUCTION PROCESS, CONTRACTOR SHALL REPLACE CABLE WITH NEW PER SPECIFICATIONS.
D. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH EXTENT OF SCOPE OF WORK PRIOR TO BID SUBMITTAL TO DETERMINE CONDITIONS AFFECTING THE EXECUTION OF WORK. FAILURE TO BE ACQUAINTED WITH EXISTING CONDITIONS WILL NOT BE JUSTIFICATION FOR ADDITIONAL SERVICES.
E. WHERE CABLING IS RUN WITHIN SCHOOLS, VERIFY CABLE PATHWAY AND ADJUST ELEVATIONS AND ROUTING TO FACILITATE INSTALLATION. COORDINATE WITH EXISTING CONDITIONS. UTILIZE EXISTING PATHWAYS WHERE APPLICABLE. WHERE PATHWAYS DO NOT EXIST, PROVIDE NEW.
F. FIBER OPTIC CABLING SHALL TERMINATE IN MDF ON NEW FIBER HOUSING ON EXISTING RACKS. COORDINATE TERMINATIONS WITH OWNER.
E. ALL ROUTES ARE APPROXIMATE AND SHALL BE COORDINATED WITH EXISTING CONDITIONS AND EXISTING CABLE PATHWAYS.

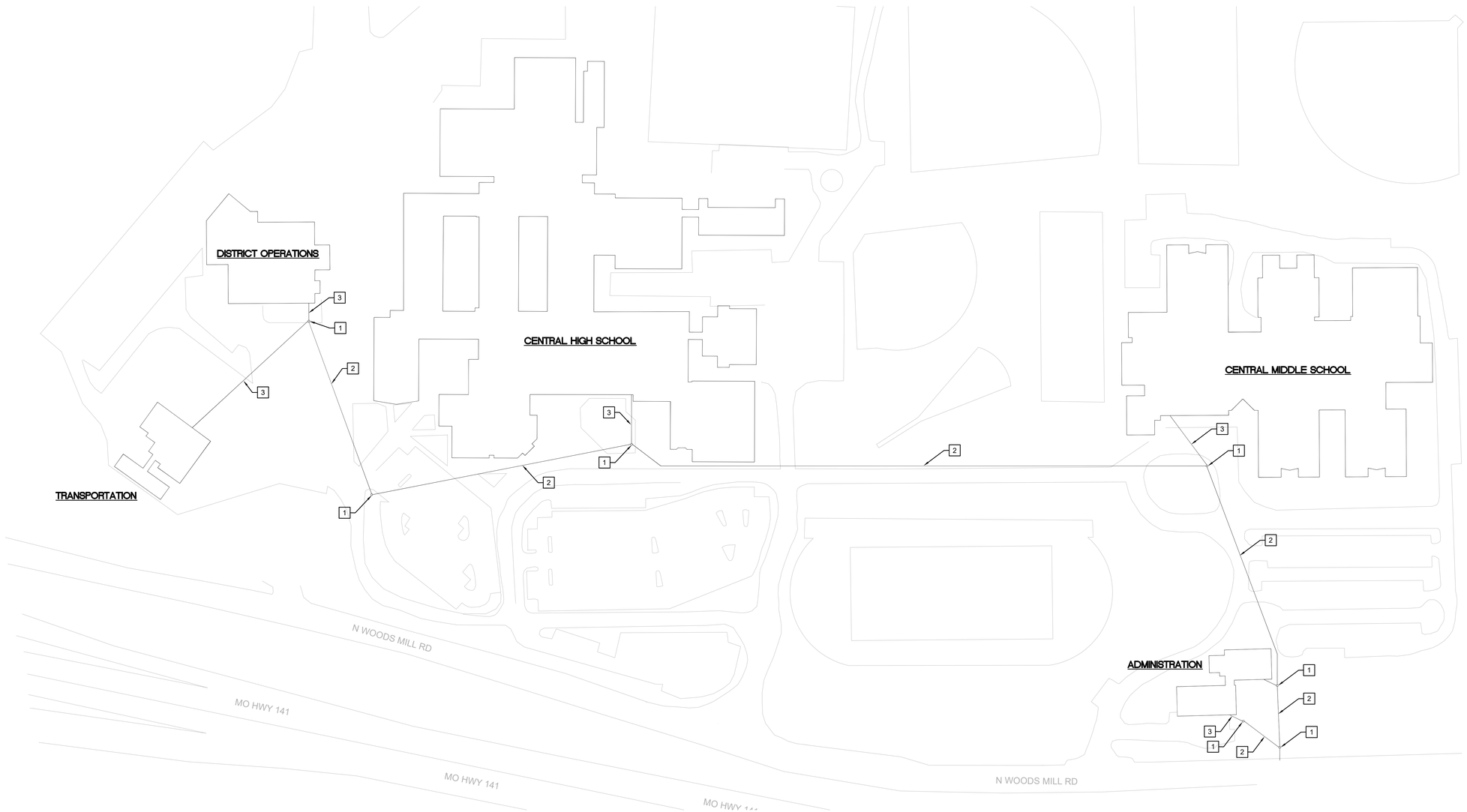
F. REFER TO T3.00 FOR ENLARGED SCHOOL PLANS DENOTING GENERIC PATHWAY AND MDF LOCATION.

KEYED NOTES:

1 PROVIDE NEW PULL BOX. COORDINATE EXACT LOCATION WITH EXISTING CONDITIONS AND EXISTING UTILITIES.

2 PROVIDE 2" CONDUIT PATHWAY BETWEEN PULLBOXES.

3 PROVIDE 2" CONDUIT FROM PULLBOX TO EXISTING EXTERIOR PATHWAY.



1 **NORTH HIGH SCHOOL**
1" = 100'-0"

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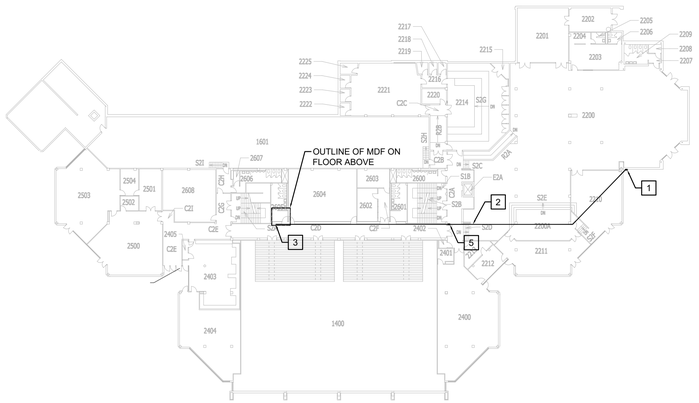
BID / PERMIT SET

ENLARGED SCHOOL PLANS

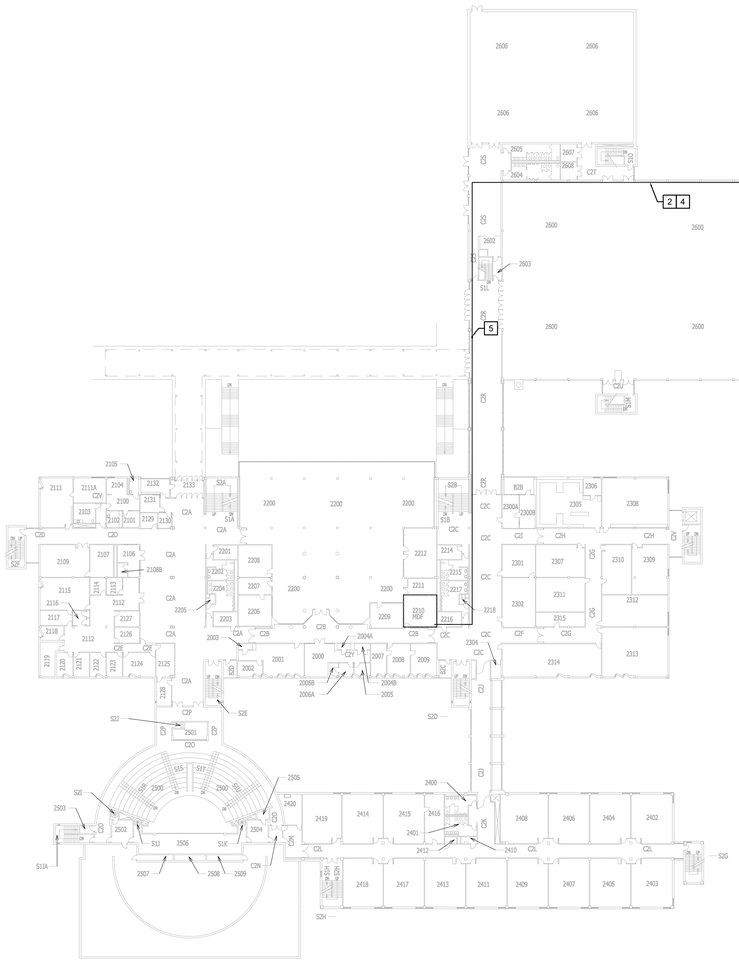
T3.00



1 CLAYMONT ELEMENTARY
1" = 40'-0"



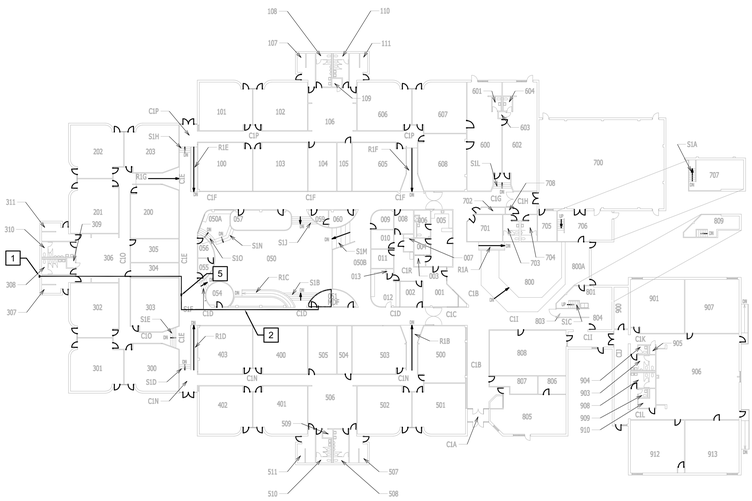
2 WEST MIDDLE SCHOOL
1" = 40'-0"



3 WEST HIGH SCHOOL
1" = 50'-0"



4 EARLY CHILDHOOD
1" = 40'-0"



5 HIGHCROFT
1" = 40'-0"

11/20/2023 10:57:52 AM

SCALE: 3/4" = 1'-0"

SCALE: 1/2" = 1'-0"

SCALE: 1" = 1'-0"

SCALE: 3/8" = 1'-0"

SCALE: 1/4" = 1'-0"

SCALE: 1/16" = 1'-0"

GENERAL NOTES:

A. REFER TO T1 AND T2 SERIES DRAWINGS FOR GENERAL NOTES.
B. ALL PATHWAYS SHALL BE APPROPRIATELY SUPPORTED AS REQUIRED.
C. ALL PATHWAYS SHALL BE APPROPRIATELY SEALED AT BUILDING EXTERIOR AS REQUIRED.
D. ALL PATHWAYS SHALL APPROPRIATE FIRE STOPPING AS REQUIRED.
E. ALL ROUTES ARE APPROXIMATE AND SHALL BE COORDINATED WITH EXISTING CONDITIONS AND EXISTING CABLE PATHWAYS.

KEYED NOTES: (NOT ALL NOTES MAY BE USED ON THIS SHEET)

1. FIBER OPTIC CABLING SHALL ENTER BUILDING AT EXISTING 12"x12"x6" BOX.
2. FIBER OPTIC CABLING SHALL BE ROUTED THROUGH EXISTING 1-1/2" CONDUIT INTO MDF/IDF ROOM. CABLE SHALL TERMINATE ON EXISTING RACK BUT NEW FIBER HOUSING AND CASSETTES.
3. EXISTING 1-1/2" CONDUIT ROUTED TO FLOOR ABOVE STUBBED INTO MDF/IDF ROOM.
4. EXISTING BOX AND CONDUIT ARE ROUTED AT GYMNASIUM STRUCTURE.
5. APPROXIMATE LOCATION OF EXISTING 8" PULLBOX.
6. EXISTING 1-1/2" CONDUIT ROUTED TO FLOOR ABOVE, INTO ACCESSIBLE PORTION OF CEILING AND ROUTED INTO MDF/IDF ROOM.
7. OUTDOOR RATED FIBER OPTIC CABLE SHALL TRANSITION TO INDOOR RATED FIBER OPTIC CABLE. INDOOR CABLE SHALL FOLLOW THE APPROXIMATE PATHWAY DENOTED. CABLE SHALL TERMINATE IN MDF/IDF ROOM ON EXISTING RACK BUT NEW FIBER HOUSING AND CASSETTES.
8. UTILIZE EXISTING EXTERIOR PATHWAY FOR CABLING TO ENTER BUILDING.
9. FIBER OPTIC CABLING SHOULD BE ROUTED TO RACK/CABINET TERMINATION LOCATION UTILIZING EXISTING PATHWAYS WHERE ABLE. PROVIDE NEW J-HOOKS AS NEEDED.
10. OUTDOOR RATED FIBER OPTIC CABLE SHALL TRANSITION TO INDOOR RATED FIBER OPTIC CABLE IN IDF. INDOOR CABLE SHALL EXTEND TO MDF AND SHALLFOLLOW THE APPROXIMATE PATHWAY DENOTED. CABLE SHALL TERMINATE IN MDF/IDF ROOM ON EXISTING RACK BUT NEW FIBER HOUSING AND CASSETTES.
11. FIBER OPTIC CABLE SHALL BE ROUTED THROUGH EXISTING CONDUIT. PRIOR TO ROUTING CABLE, EXISTING FIBER SHALL BE DISCONNECTED AND REMOVED TO ALLOW FOR ROUTING OF NEW CABLE. CONTRACTOR SHALL COORDINATE WITH PARKWAY IT DEPARTMENT PRIOR TO COMMENCING WORK.

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Parkway PN #002304B

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Project No: 23010

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01/27/2026

MICHAEL D MITCHELL
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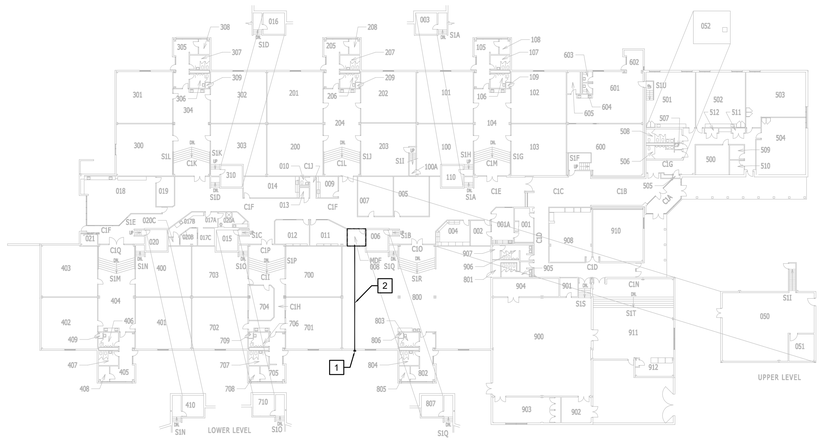
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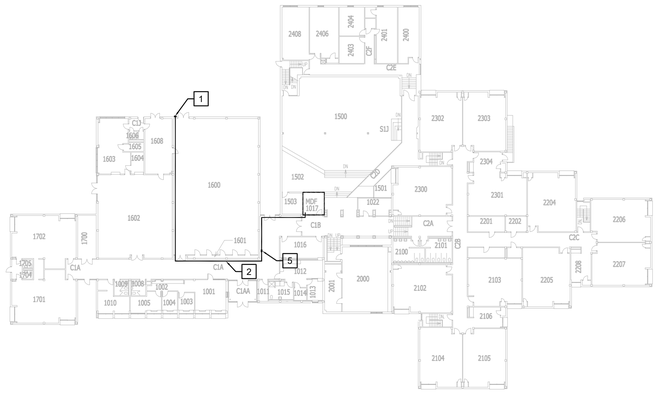
BID / PERMIT SET

ENLARGED SCHOOL PLANS

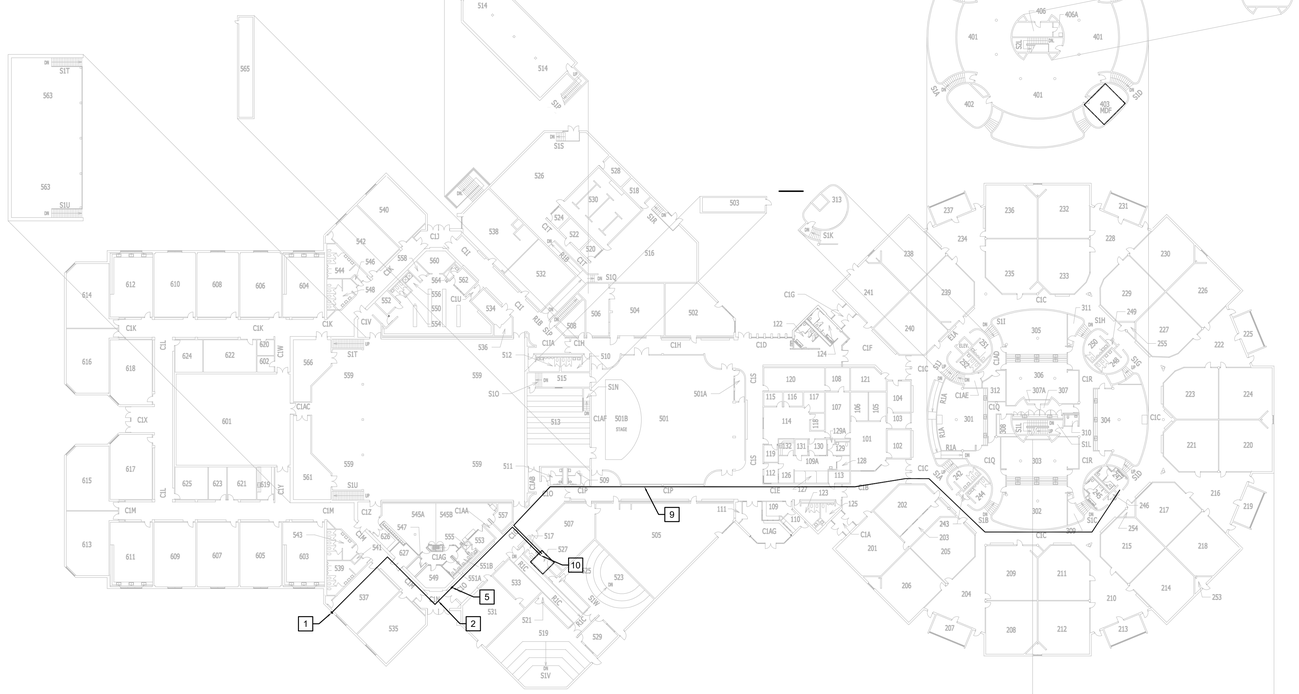
T3.01



1 SHENANDOAH
1" = 40'-0"



2 GREEN TRAILS ELEMENTARY
1" = 40'-0"



3 NORTHEAST MIDDLE SCHOOL
1" = 40'-0"



4 CRAIG ELEMENTARY
1" = 40'-0"

GENERAL NOTES:

A. REFER TO T1 AND T2 SERIES DRAWINGS FOR GENERAL NOTES.
B. ALL PATHWAYS SHALL BE APPROPRIATELY SUPPORTED AS REQUIRED.
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KEYED NOTES: (NOT ALL NOTES MAY BE USED ON THIS SHEET)

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2. FIBER OPTIC CABLING SHALL BE ROUTED THROUGH EXISTING 1-1/2" CONDUIT INTO MDF/IDF ROOM. CABLE SHALL TERMINATE ON EXISTING RACK BUT NEW FIBER HOUSING AND CASSETTES.
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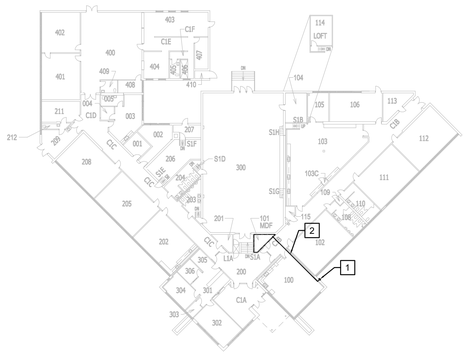
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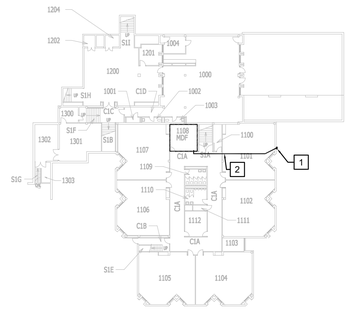
ENLARGED SCHOOL PLANS

T3.02

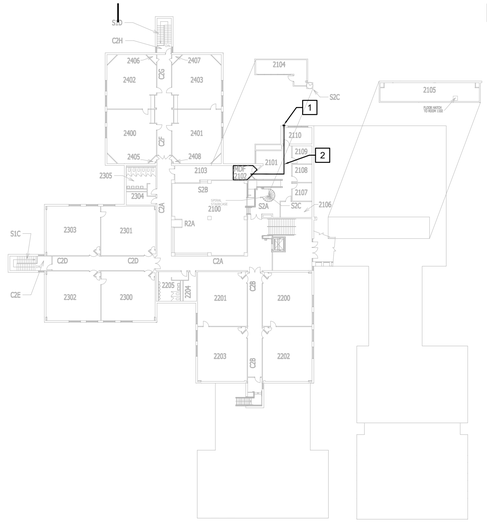
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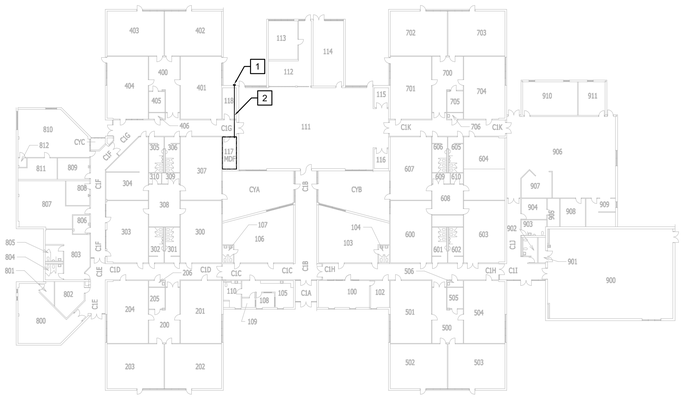
1 **FERN RIDGE**
1" = 40'-0"



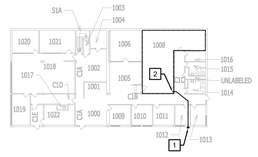
2 **BELLERIVE ELEMENTARY**
1" = 40'-0"



3 **RIVER BEND ELEMENTARY SCHOOL**
1" = 40'-0"



4 **ROSS ELEMENTARY SCHOOL**
1" = 40'-0"



5 **ADMINISTRATION BUILDING**
1" = 40'-0"

GENERAL NOTES:

A. REFER TO T1 AND T2 SERIES DRAWINGS FOR GENERAL NOTES.
B. ALL PATHWAYS SHALL BE APPROPRIATELY SUPPORTED AS REQUIRED.
C. ALL PATHWAYS SHALL BE APPROPRIATELY SEALED AT BUILDING EXTERIOR AS REQUIRED.
D. ALL PATHWAYS SHALL APPROPRIATE FIRE STOPPING AS REQUIRED.
E. ALL ROUTES ARE APPROXIMATE AND SHALL BE COORDINATED WITH EXISTING CONDITIONS AND EXISTING CABLE PATHWAYS.

KEYED NOTES: (NOT ALL NOTES MAY BE USED ON THIS SHEET)

1. FIBER OPTIC CABLING SHALL ENTER BUILDING AT EXISTING 12"x12"x6" BOX.
2. FIBER OPTIC CABLING SHALL BE ROUTED THROUGH EXISTING 1-1/2" CONDUIT INTO MDF/IDF ROOM. CABLE SHALL TERMINATE ON EXISTING RACK BUT NEW FIBER HOUSING AND CASSETTES.
3. EXISTING 1-1/2" CONDUIT ROUTED TO FLOOR ABOVE STUBBED INTO MDF/IDF ROOM.
4. EXISTING BOX AND CONDUIT ARE ROUTED AT GYMNASIUM STRUCTURE.
5. APPROXIMATE LOCATION OF EXISTING 8" PULLBOX.
6. EXISTING 1-1/2" CONDUIT ROUTED TO FLOOR ABOVE, INTO ACCESSIBLE PORTION OF CEILING AND ROUTED INTO MDF/IDF ROOM.
7. OUTDOOR RATED FIBER OPTIC CABLE SHALL TRANSITION TO INDOOR RATED FIBER OPTIC CABLE. INDOOR CABLE SHALL FOLLOW THE APPROXIMATE PATHWAY DENOTED. CABLE SHALL TERMINATE IN MDF/IDF ROOM ON EXISTING RACK BUT NEW FIBER HOUSING AND CASSETTES.
8. UTILIZE EXISTING EXTERIOR PATHWAY FOR CABLING TO ENTER BUILDING.
9. FIBER OPTIC CABLING SHOULD BE ROUTED TO RACK/CABINET TERMINATION LOCATION UTILIZING EXISTING PATHWAYS WHERE ABLE. PROVIDE NEW J-HOOKS AS NEEDED.
10. OUTDOOR RATED FIBER OPTIC CABLE SHALL TRANSITION TO INDOOR RATED FIBER OPTIC CABLE IN IDF. INDOOR CABLE SHALL EXTEND TO MDF AND SHALLFOLLOW THE APPROXIMATE PATHWAY DENOTED. CABLE SHALL TERMINATE IN MDF/IDF ROOM ON EXISTING RACK BUT NEW FIBER HOUSING AND CASSETTES.
11. FIBER OPTIC CABLE SHALL BE ROUTED THROUGH EXISTING CONDUIT. PRIOR TO ROUTING CABLE, EXISTING FIBER SHALL BE DISCONNECTED AND REMOVED TO ALLOW FOR ROUTING OF NEW CABLE. CONTRACTOR SHALL COORDINATE WITH PARKWAY IT DEPARTMENT PRIOR TO COMMENCING WORK.

SCALE: 3" = 1'-0" 0 0.25' 0.5' 1'
SCALE: 1 1/2" = 1'-0" 0 0.5' 1' 2'
SCALE: 1" = 1'-0" 0 0.5' 1' 2'
SCALE: 3/4" = 1'-0" 0 1' 2' 3'
SCALE: 1/2" = 1'-0" 0 1' 2' 4'
SCALE: 1/4" = 1'-0" 0 2' 4' 8'
SCALE: 1/8" = 1'-0" 0 4' 8' 16'
SCALE: 1/16" = 1'-0" 0 8' 16' 32'

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IT Underground, Disaster Recovery and Network Upgrade

Multiple Locations
Parkway PN #002304B

Parkway School District
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314.415.8231 tel

Project No: 23010

Revisions

No.	Description	Date

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07/27/2026

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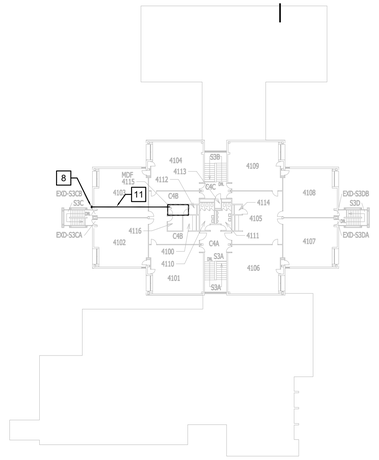
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ENLARGED SCHOOL PLANS

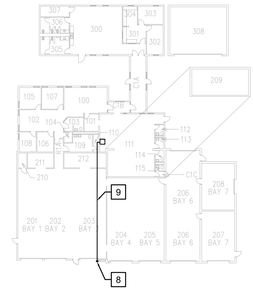
T3.03



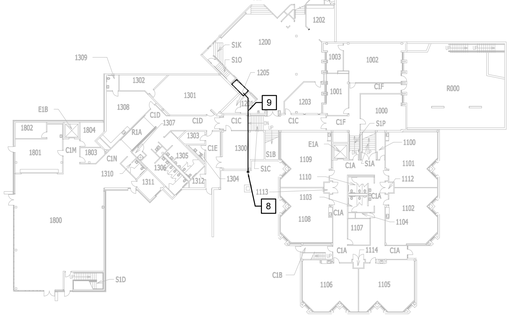
1 CENTRAL MIDDLE SCHOOL
1" = 40'-0"



2 MCKELVEY INTERMEDIATE
1" = 40'-0"



3 TRANSPORTATION BUILDING
1" = 40'-0"



4 MCKELVEY PRIMARY
1" = 40'-0"



5 DISTRICT OPERATIONS BUILDING
1" = 40'-0"

GENERAL NOTES:

A. REFER TO T1 AND T2 SERIES DRAWINGS FOR GENERAL NOTES.
B. ALL PATHWAYS SHALL BE APPROPRIATELY SUPPORTED AS REQUIRED.
C. ALL PATHWAYS SHALL BE APPROPRIATELY SEALED AT BUILDING EXTERIOR AS REQUIRED.
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KEYED NOTES: (NOT ALL NOTES MAY BE USED ON THIS SHEET)

1. FIBER OPTIC CABLING SHALL ENTER BUILDING AT EXISTING 12"x12"x6" BOX.
2. FIBER OPTIC CABLING SHALL BE ROUTED THROUGH EXISTING 1-1/2" CONDUIT INTO MDF/IDF ROOM. CABLE SHALL TERMINATE ON EXISTING RACK BUT NEW FIBER HOUSING AND CASSETTES.
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Multiple Locations
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Parkway School District
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314.415.8231 tel

Project No: 23010

Revisions

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07/27/2026

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ENLARGED SCHOOL PLANS

T3.04



1 **CENTRAL HIGH SCHOOL**
1" = 40'-0"

GENERAL NOTES:

A. REFER TO T1 AND T2 SERIES DRAWINGS FOR GENERAL NOTES.
B. ALL PATHWAYS SHALL BE APPROPRIATELY SUPPORTED AS REQUIRED.
C. ALL PATHWAYS SHALL BE APPROPRIATELY SEALED AT BUILDING EXTERIOR AS REQUIRED.
D. ALL PATHWAYS SHALL APPROPRIATE FIRE STOPPING AS REQUIRED.
E. ALL ROUTES ARE APPROXIMATE AND SHALL BE COORDINATED WITH EXISTING CONDITIONS AND EXISTING CABLE PATHWAYS.

KEYED NOTES: (NOT ALL NOTES MAY BE USED ON THIS SHEET)

1 FIBER OPTIC CABLING SHALL ENTER BUILDING AT NEW 12"x12"x6" BOX.

2 FIBER OPTIC CABLING SHALL BE ROUTED THROUGH NEW 1-1/2" CONDUIT INTO MDF/IDF ROOM. CABLE SHALL TERMINATE ON EXISTING RACK BUT NEW FIBER HOUSING AND CASSETTES.

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ENLARGED SCHOOL PLANS

T3.05

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SCALE: 3/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 1" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 1/8" = 1'-0"
SCALE: 1/16" = 1'-0"

GENERAL NOTES:

A. REFER TO T1 AND T2 SERIES DRAWINGS FOR GENERAL NOTES.
B. ALL PATHWAYS SHALL BE APPROPRIATELY SUPPORTED AS REQUIRED.
C. ALL PATHWAYS SHALL BE APPROPRIATELY SEALED AT BUILDING EXTERIOR AS REQUIRED.
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E. ALL ROUTES ARE APPROXIMATE AND SHALL BE COORDINATED WITH EXISTING CONDITIONS AND EXISTING CABLE PATHWAYS.

KEYED NOTES: (NOT ALL NOTES MAY BE USED ON THIS SHEET)

1 FIBER OPTIC CABLING SHALL ENTER BUILDING AT EXISTING INTERIOR PULL BOX.

2 OUTDOOR RATED FIBER OPTIC CABLE SHALL TRANSITION TO INDOOR RATED FIBER OPTIC CABLE AT INTERIOR PULLBOX. INDOOR CABLE SHALL FOLLOW THE APPROXIMATE PATHWAY DENOTED. CABLE SHALL EXTEND TO FLOOR ABOVE AND BE ROUTED IN EXISTING ROUGH STRUCTURE. CABLE SHALL TERMINATE IN MDF/IDF ROOM ON EXISTING RACK BUT NEW FIBER HOUSING AND CASSETTES.



1 **NORTH HIGH SCHOOL**
1" = 40'-0"

SCALE: 3/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 1" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 1/2" = 1'-0"
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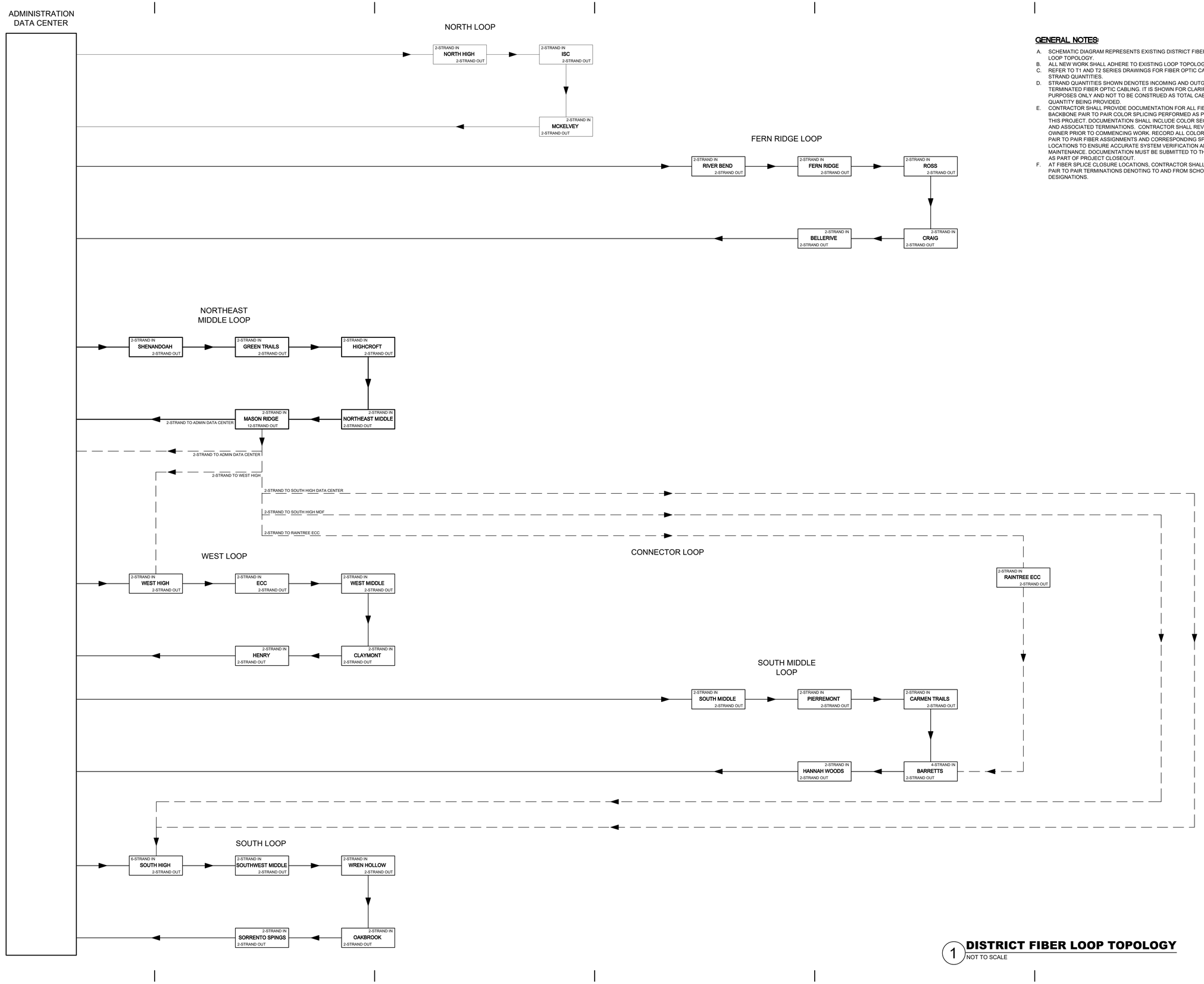
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ENLARGED SCHOOL PLANS

T3.06



1 **DISTRICT FIBER LOOP TOPOLOGY**
NOT TO SCALE

GENERAL NOTES:

A. SCHEMATIC DIAGRAM REPRESENTS EXISTING DISTRICT FIBER OPTIC LOOP TOPOLOGY.
B. ALL NEW WORK SHALL ADHERE TO EXISTING LOOP TOPOLOGIES.
C. REFER TO T1 AND T2 SERIES DRAWINGS FOR FIBER OPTIC CABLE STRAND QUANTITIES.
D. STRAND QUANTITIES SHOWN DENOTES INCOMING AND OUTGOING TERMINATED FIBER OPTIC CABLING. IT IS SHOWN FOR CLARIFICATION PURPOSES ONLY AND NOT TO BE CONSTRUED AS TOTAL CABLE STRAND QUANTITY BEING PROVIDED.
E. CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR ALL FIBER OPTIC BACKBONE PAIR TO PAIR COLOR SPLICING PERFORMED AS PART OF THIS PROJECT. DOCUMENTATION SHALL INCLUDE COLOR SEQUENCES AND ASSOCIATED TERMINATIONS. CONTRACTOR SHALL REVIEW WITH OWNER PRIOR TO COMMENCING WORK. RECORD ALL COLOR-CODED PAIR TO PAIR FIBER ASSIGNMENTS AND CORRESPONDING SPLICE LOCATIONS TO ENSURE ACCURATE SYSTEM VERIFICATION AND FUTURE MAINTENANCE. DOCUMENTATION MUST BE SUBMITTED TO THE OWNER AS PART OF PROJECT CLOSEOUT.
F. AT FIBER SPLICE CLOSURE LOCATIONS, CONTRACTOR SHALL LABEL ALL PAIR TO PAIR TERMINATIONS DENOTING TO AND FROM SCHOOL DESIGNATIONS.

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DISTRICT FIBER LOOP TOPOLOGY

T4.00

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