

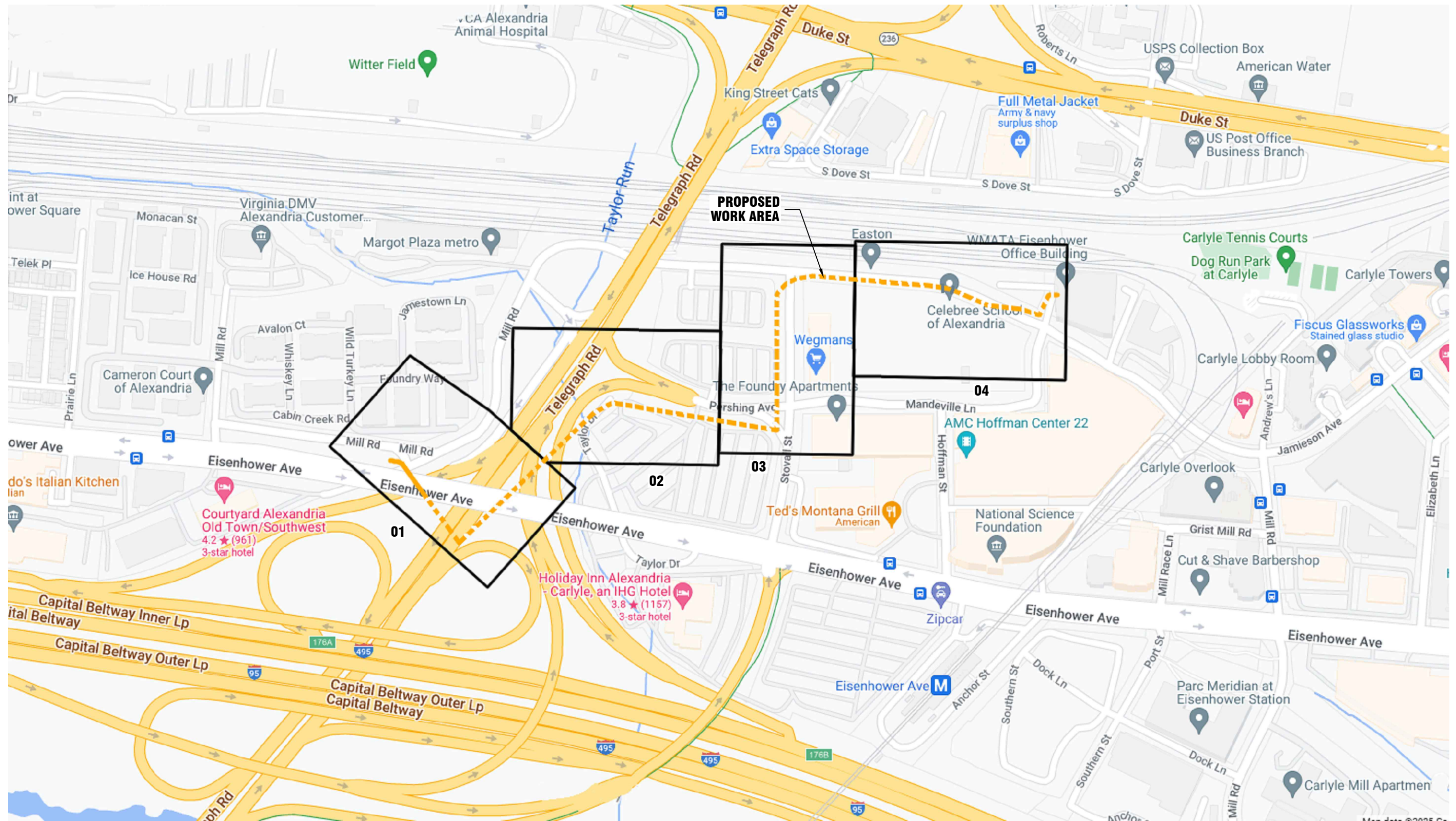
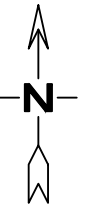


*2401 MILL RD
PROPOSED FIBER ROUTE
CITY OF ALEXANDRIA, VA
ZAYO JOB# ISO-0795633*

ISSUED FOR
CONSTRUCTION

FEBRUARY 27, 2025

SITE MAP
CITY OF ALEXANDRIA, VA



DISCLAIMER:
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**CALL TWO WORKING DAYS
BEFORE YOU DIG**
1-800-552-7001
IT'S THE LAW!

**ISSUED FOR
CONSTRUCTION**

KCI
TECHNOLOGISTS
ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION
MANAGERS

10701 STONER DR
FREDERICKSBURG, VA 22408
540-710-5416
WWW.KCI.COM

zayo
GROUP

2401 MILL RD
PROPOSED FIBER ROUTE
CITY OF ALEXANDRIA, VA

ISSUE DATE: 2.27.2025			
REVISION	DATE	INITIAL	DRAWN BY: ZEESHAN AMJAD
			ENGINEERED BY: KCI
			ZAYO PROJECT NO: ISO-0795633
			KCI PROJECT NO: 00040612-008
			EST NO:
			APPROVED BY:

SCALE: N.T.S.

SHEET NO. T01 OF T07

ZAYO:

MIKE GATES (571) 244-8202
OSP PROJECT MANAGER

UTILITIES:

MISS UTILITY (VA) 24 HOUR NUMBER 1-800-552-7001

PERMITTING AGENCIES:

VDOT-ALEXANDRIA PERMIT & PLAN KIMBERLY MERRIT (703) 746-4056

KCI:

TROY ROBINSON (540) 710-5416
PROJECT MANAGER

SANDRA JOHNSON (540) 895-2194
PERMIT SPECIALIST

ZEESHAN AMJAD (540) 710-5416
DESIGNER IV

NOTE: THIS INFORMATION IS OR WILL BE BASED ON AREA OF WORK

SYMBOLS

ELECTRIC	
⊕	ELECTRIC MANHOLE
⊞	ELECTRIC BOX
⊞	ELECTRIC HANDHOLE
⊞	ELECTRIC TRANSFORMER
⊙	LIGHT POST
△	PARKING METER
○	STREET LIGHT
⊞	TRAFFIC CONTROL BOX
⊞	TRAFFIC CONTROL HH
○	TRAFFIC POLE
⊙	TRAFFIC SIGNAL

GAS	
⊕	GAS MANHOLE
⊙	GAS VALVE
⊞	GAS COTT MARKER

SEWER/STORM	
⊕	SEWER MANHOLE
⊕	STORM DRAIN MANHOLE
⊞	GRATE INLET
⊞	CATCH BASIN

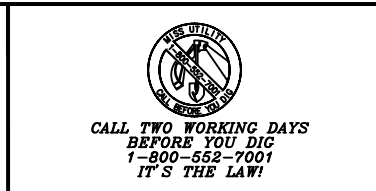
TELEPHONE	
⊕	TELEPHONE MANHOLE
⊞	HANDHOLE
⊞	ANCHOR
⊞	TELEPHONE PEDESTAL
⊞	UTILITY POLE
⊞	VERIZON POLE
⊞	VERIZON MANHOLE
⊞	COTT MARKER/ FIBER MARKER TUBE
∞	AERIAL SLACK COIL
∞	SPLICE POINT
⊞	PROPOSED PULLBOX
⊞	PROPOSED HANDHOLE
⊞	PROPOSED HANDHOLE WITH COTT MARKER
⊞	PROPOSED MANHOLE
⊞	PROPOSED PEDESTAL
⊞	PROPOSED ANCHOR
⊞	PROPOSED POLE
∞	PROPOSED AERIAL SLACK COIL
∞	PROPOSED SPLICE POINT
??'L-6.6M 5/8"	PROPOSED ANCHOR WITH TEXT

WATER	
⊕	WATER MANHOLE
⊕	WATER VALVE
⊞	WATER METER
⊞	FIRE HYDRANT
⊞	IRRIGATION VALVE

GENERAL	
⊞	SIGN
○	STEEL POLE
⊕	STEEL POST
⊕	PROPERTY PIN
⊞	CONCRETE POLE
⊞	TEST PIT
⊞	TEST PIT FOR PROPOSED UTILITIES
⊞	BORE PIT
⊞	MAILBOX
⊞	TREE

LINETYPES			
———B/E———	BUILDING EDGE	XX' BSW	PROPERTY LINE
———CATV———	CABLE TV	BRICK SIDEWALK	PROPOSED FIBER LINE
———C———	CENTER LINE	XX' CSW	PROPOSED PULL THRU
———D/L———	DITCH LINE	CONCRETE SIDEWALK	RAILROAD
———EOP———	EDGE OF PAVEMENT	XX' ASW	RIGHT-OF-WAY
———E———	ELECTRIC		SEWER LINE
———FOC———	FACE OF CURB		STORM DRAIN
———X———	FENCE		TELEPHONE LINE
———▲———	SLOPE - TOP		TRAFFIC SIGNAL LINE
———G———	GAS LINE		WATER LINE
———□———	GUARDRAIL		WOODS/LANDSCAPING

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2401 MILL RD
PROPOSED FIBER ROUTE
CITY OF ALEXANDRIA, VA

ISSUE DATE: 2.27.2025			
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			ENGINEERED BY: KCI
			ZAYO PROJECT NO: ISO-0795633
			KCI PROJECT NO: 00040612-008
			EST NO:
			APPROVED BY:

SCALE: N.T.S.
SHEET NO. T02 OF T07

GENERAL NOTES:

1. ALL WORK WILL COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATORY AGENCIES, INCLUDING, BUT NOT LIMITED TO, OSHA, NESC, DOT, RPA, ETC. GENERAL NOTES WILL APPLY TO ALL DRAWINGS.
2. THE CONTRACTOR WILL NOTIFY (IF APPLICABLE) THE ADJACENT PROPERTY OWNERS A MINIMUM OF 24 HOURS IN ADVANCE OF CONSTRUCTION.
3. ALL TRAFFIC CONTROL DEVICES WILL BE IN PLACE PRIOR TO CONSTRUCTION. DEVICES NO LONGER NEEDED WILL BE REMOVED AS QUICKLY AS POSSIBLE.
4. PEDESTRIAN TRAFFIC AREAS MUST BE MAINTAINED AT ALL TIMES. PEDESTRIANS WILL NOT BE ROUTED ON TO PRIVATE PROPERTY.
5. NO MATERIALS OR EQUIPMENT WILL BE STORED OR ALLOWED TO STAND UNPROTECTED WHERE PEDESTRIAN OR VEHICULAR TRAFFIC IS PRESENT.
6. NO EQUIPMENT OR MATERIALS WILL BE STORED ON ROAD SURFACE DURING NON-WORK PERIODS.
7. NO EQUIPMENT OR MATERIALS MAY BE STORED ON THE SIDEWALK.
8. EXCAVATION MATERIAL WILL BE STORED AWAY FROM THE PAVED ROADWAY. ALL SPILLED MATERIAL WILL BE PICKED UP IMMEDIATELY.
9. MUNICIPAL ROAD SIGNS, DELINEATORS, GUARDRAILS, ETC. WILL NOT BE REMOVED WITHOUT PRIOR WRITTEN PERMISSION FROM THE APPROVING AUTHORITY.
10. ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE CITY, COUNTY, AND STATE SPECIFICATIONS AND STANDARDS.

DATES OF CONSTRUCTION:

CONSTRUCTION ON THE RIGHT OF WAY IS PLANNED TO BE A YEAR ROUND ACTIVITY. SOILS DATA FOR SOILS MAP AND SOILS INFORMATION PROVIDED.

EROSION SEDIMENTATION CONTROL PROGRAM:

EROSION AND SEDIMENTATION CONTROLS SHOWN ARE PROVIDED TO ACCOMMODATE ONSITE DRAINAGE AREAS DURING THE CONSTRUCTION PHASE. ADDITIONAL OR REVISED CONTROLS MAY BE INSTALLED AS DETERMINED NECESSARY. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE CURRENT VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.

PHASE OF LAND DISTURBING ACTIVITIES:

CONTROLS SHOWN SHALL BE INSTALLED AS THE FIRST ITEM OF CONSTRUCTION AND MAINTAINED FOR CONSTRUCTION ACTIVITIES LASTING MORE THAN A ONE DAY SCHEDULE. ALL AREAS NOT TO BE IMMEDIATELY BUILT UPON SHALL BE SEEDED FOR TEMPORARY VEGETATION. ALL CONTROLS ARE TO REMAIN IN PLACE FOR THE DURATION OF THE JOB. REMOVAL, REGRADING AND SEEDING OF THE TEMPORARY DIVERSION DIKES WILL BE THE FINAL ACT OF GRADING IF REQUIRED.

SEQUENCE OF CONSTRUCTION:

1. PLACEMENT OF EROSION AND SEDIMENTATION CONTROLS
2. TRENCHING AND/OR DIRECTIONAL BORING
3. UTILITY INSTALLATION
4. FINAL GRADING AND VEGETATION
5. REMOVAL OF CONTROLS

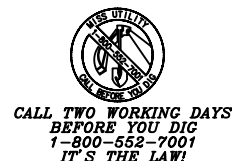
GENERAL LAND CONSERVATION NOTES:

1. NO DISTURBED AREA WILL BE DENUDED FOR MORE THAN SEVEN (7) CALENDAR DAYS UNLESS AUTHORIZED BY CITY OF ALEXANDRIA, VA.
2. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE PLACED AS THE FIRST STEP IN GRADING.
3. ELECTRIC POWER, TELEPHONE AND GAS SUPPLY TRENCHES SHALL BE COMPACTED, SEEDED AND MULCHED. WITHIN FIVE (5) DAYS OF BACKFILL.
4. ALL TEMPORARY EARTH BERMS, DIVERSION DIKES, SILT DAMS, AND SOIL STOCKPILES SHALL BE SEEDED AND MULCHED FOR TEMPORARY VEGETATIVE COVER IMMEDIATELY AFTER GRADING. STRAW OR HAY IS REQUIRED.
5. DURING CONSTRUCTION, ALL STORM SEWER INLETS SHALL BE PROTECTED BY SILT TRAPS MAINTAINED AND MODIFIED AS REQUIRED DURING CONSTRUCTION PROGRESS.
6. ANY DISTURBED AREA NOT COVERED BY NOTE 1 ABOVE AND NOT PAVED, SODDED, OR BUILT UPON BY NOVEMBER 1, OR DISTURBED AFTER THAT DATE, SHALL BE MULCHED WITH HAY OR STRAW MULCH AT THE RATE OF TWO (2) TONS PER ACRE AND OVER-SEEDED BY MARCH 15.
7. AT THE COMPLETION OF THE CONSTRUCTION PROJECT AND PRIOR TO RELEASE OF THE BOND, ALL TEMPORARY SILTATION AND EROSION CONTROLS SHALL BE REMOVED UPON THE APPROVAL OF CITY OF ALEXANDRIA, AND ALL DENUDED AREAS SHALL BE STABILIZED WITH VEGETATION.
8. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CURRENT VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.
9. NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME.
10. EXCAVATION MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF THE TRENCH.
11. EFFLUENT FROM THE DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE PROPERTY.
12. MATERIAL USED FOR BACKFILLING TRENCHES SHALL BE PROPERLY COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION.
13. RESTABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE REGULATIONS.
14. APPLICABLE SAFETY REGULATIONS SHALL BE COMPLIED WITH.
15. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED OR PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY VEHICULAR TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PAVED OR PUBLIC ROAD SURFACE, THE ROAD SURFACE SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.

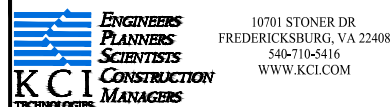
CONSTRUCTION NOTES:

1. FIBER OPTIC WARNING TAPE WILL BE PLACED 12" BELOW THE EXISTING GRADE IN ALL EXCAVATIONS.
2. VERIFICATION OF THE LOCATION OF EXISTING UTILITY CROSSINGS IS THE RESPONSIBILITY OF THE CONTRACTOR. HAND DIGGING WILL BE UTILIZED WHERE REQUIRED.
3. CALL THE LOCAL UTILITY ONE-CALL AT LEAST 72 HOURS IN ADVANCE OF ANY CONSTRUCTION. 1-800-552-7001
4. A 12" SEPARATION BETWEEN PROPOSED CONDUIT AND OTHER UTILITIES WILL BE MAINTAINED.
5. CONDUIT CAPS WILL BE PLACED ON THE ENDS OF ALL VACANT DUCTS DURING CONSTRUCTION, UPON COMPLETION, AND WHILE AWAITING FIBER INSTALLATION.
6. ALL INSTALL DUCTS WILL BE PROOFED USING A MANDRILL 1/4" SMALLER THAN THE PIPE ID PVC AS SHOWN ON DRAWING.
7. THE MINIMUM BENDING RADIUS FOR FIBER CABLE WILL BE 36".
8. MAXIMUM CABLE INSTALLATION TENSION WILL NOT EXCEED 600 POUNDS. A 600 POUND BREAKAWAY SWIVEL WILL BE USED DURING PULLING.
9. THE REMOVAL AND STORAGE OF ALL SHRUBBERY TO BE REPLACED IS THE RESPONSIBILITY OF THE CONTRACTOR.
10. THE CONTRACTOR WILL RESTORE ALL DISTURBED AREAS TO THEIR ORIGINAL OR BETTER CONDITION.
11. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONSTRUCTION AS-BUILT DRAWINGS AND PRESENT A COMPLETE SET OF RED-LINED DRAWINGS TO ZAYO WITHIN 14 DAYS OF COMPLETION OF THE WORK.
12. CONDUITS WILL BE TERMINATED ABOVE THE MIDPOINT OF MANHOLE.
13. PLACE 100 FEET FIBER SLACK COIL IN EACH HANDHOLE/MANHOLE.
14. HAND DIG UNDER ANY BURIED UTILITY CABLES AS REQUIRED.
15. ALL CONDUITS WILL BE PLACED AT A MINIMUM OF 36" COVER UNLESS ROCK IS ENCOUNTERED. IN CASE OF ROCK, CONDUIT MAY BE PLACED AT A MINIMUM OF 36" INCHES AND ENCASED IN STEEL PIPE SIZED APPROPRIATELY. IF 36" COVER IS NOT ACHIEVABLE THE ROCK MUST BE EXCAVATED TO A MINIMUM DEPTH OF 24" INCHES AND THE CONDUIT MUST BE ENCASED IN CONCRETE.

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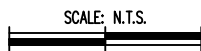


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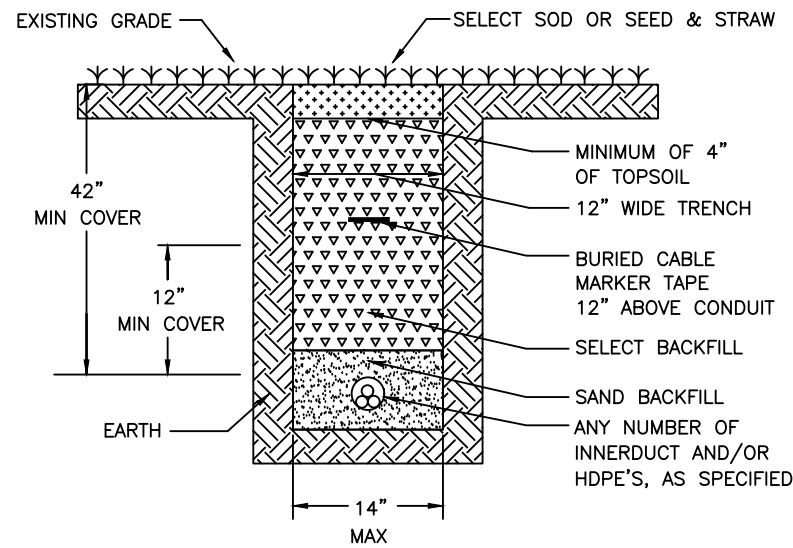
2401 MILL RD
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CITY OF ALEXANDRIA, VA

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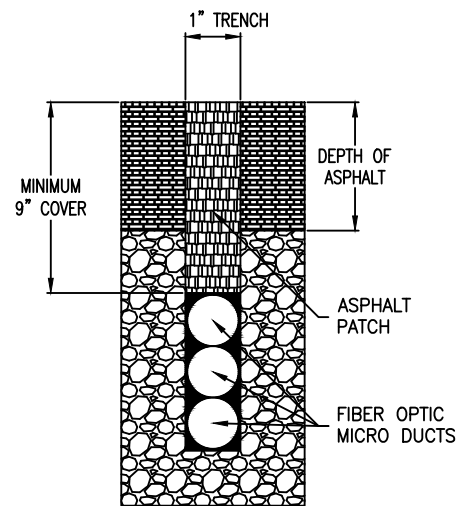


SHEET NO. T03 OF T07

SOD/UNIMPROVED AREA TRENCH RESTORATION TYPICAL



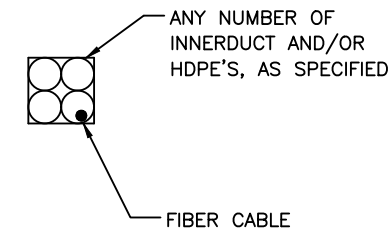
MICROTRENCH PROFILE TYPICAL



HDPE CONDUIT CONFIGURATION

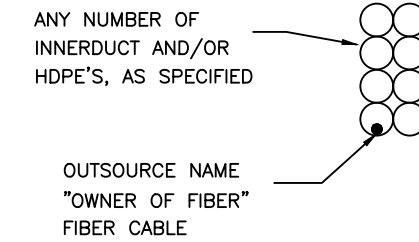
TYPICAL "C"

CABLE IN CONDUIT



TYPICAL "D"

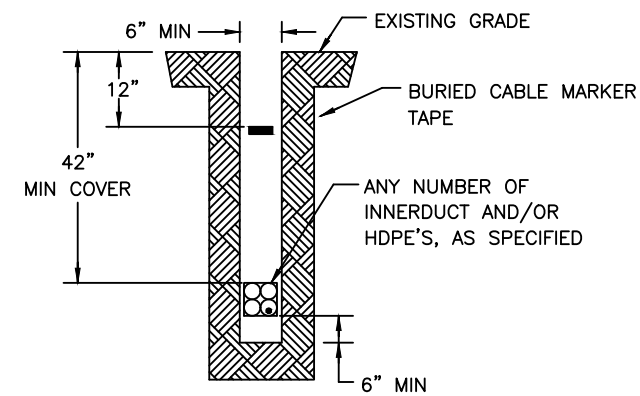
MULTIPLE CABLE IN CONDUIT



PLACEMENT - TYPICALS

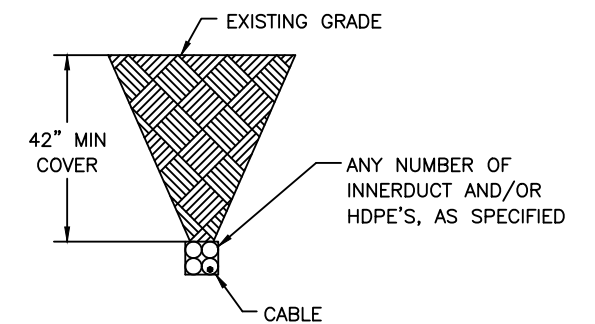
TYPICAL "A"

PLACE CONDUIT CROSS SECTION



TYPICAL "B"

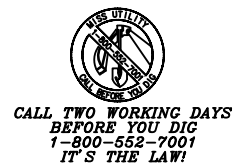
PLACE HDPE (DIRECTIONAL BORE) CROSS SECTION



NOTE:
BACKFILL MUST BE MADE WITH ROCK FREE MATERIAL

1. ALL BACKFILL MUST BE APPROVED BY ENGINEER OR PERMITTING AUTHORITY INSPECTOR.
2. EXCAVATED MATERIAL MAY BE DEEMED SUITABLE BACKFILL BY ENGINEER, AND/OR PERMITTING AUTHORITY.
3. A MAXIMUM OF EIGHT (8) INCH LIFTS OF BACKFILL MATERIAL WILL BE ALLOWED. FOUR (4) INCHES OF CLEAN SAND SHALL BE PLACED ABOVE THE CONDUIT.
4. THE BOTTOM OF THE TRENCH SHALL BE LEVEL, FLAT, AND NOT HAVE ANY ROCK DEBRIS.
5. ALL DISTURBED GRASS AREAS ARE TO BE SEEDED WITH KENTUCKY 31 FESCUE WITH NUTRIENTS APPLIED AND MAINTAINED TO ACHIEVE A SATISFACTORY GRASS COVER TO CONTROL EROSION.

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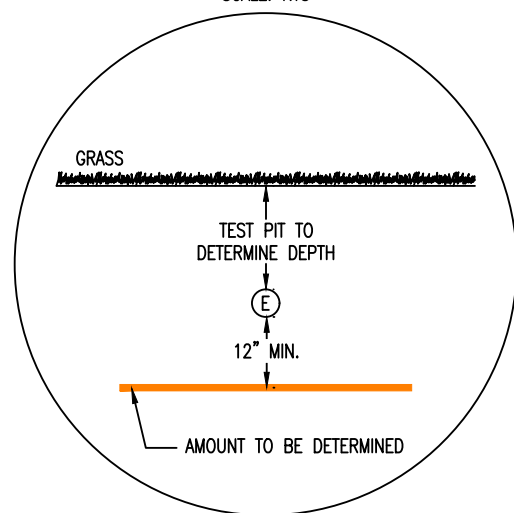
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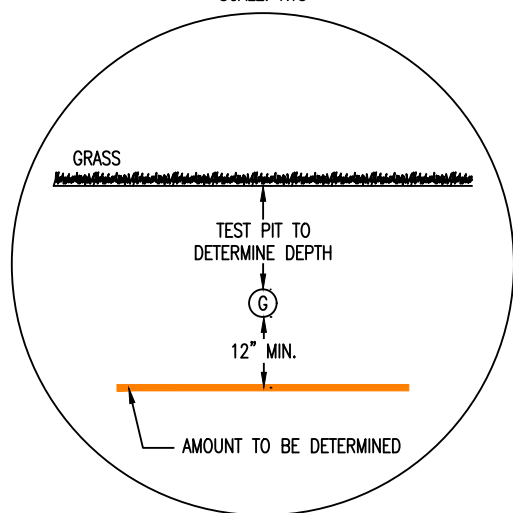
ELECTRIC DETAIL

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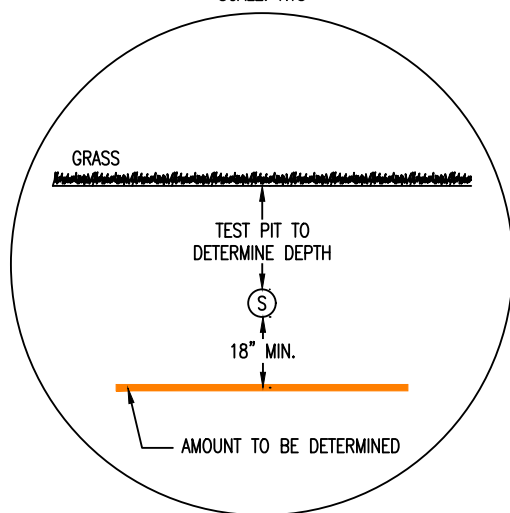
GAS DETAIL

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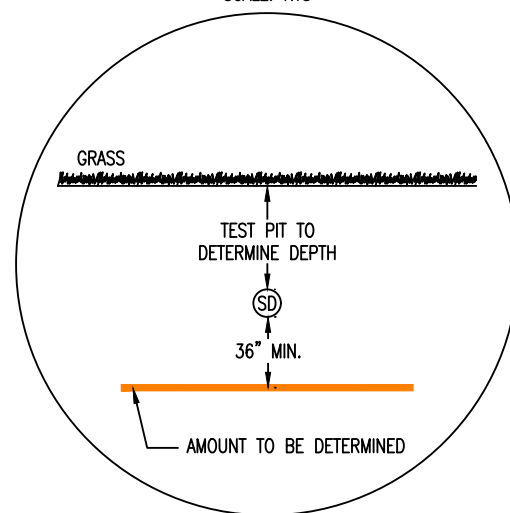
SEWER DETAIL

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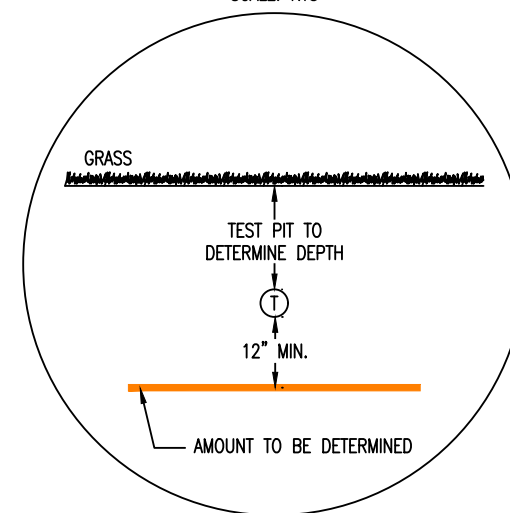
STORM DRAIN DETAIL

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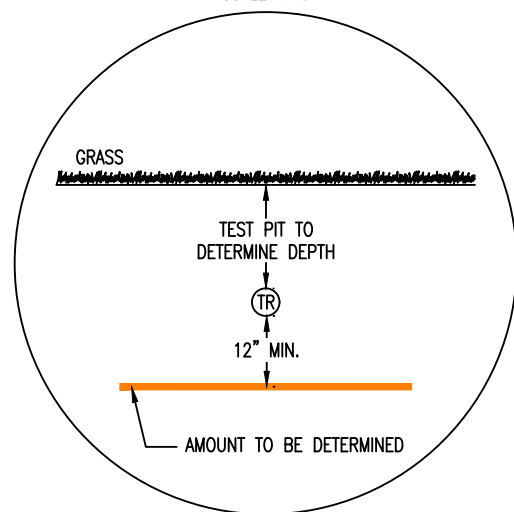
TELEPHONE DETAIL

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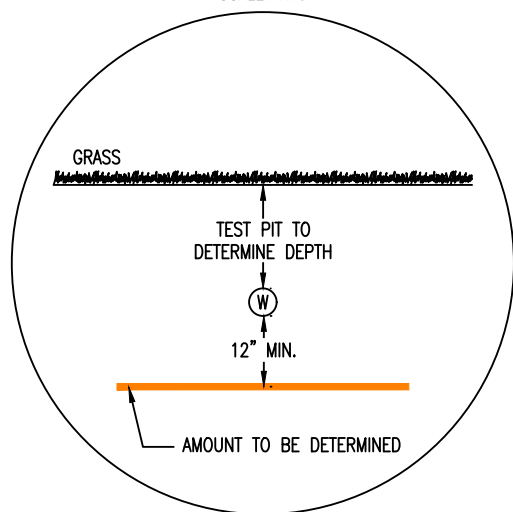
TRAFFIC DETAIL

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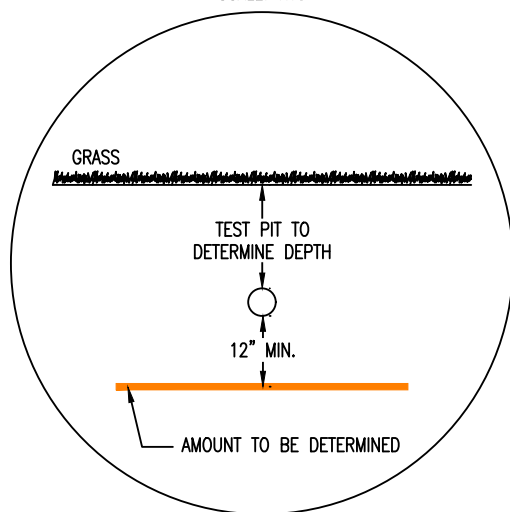
WATER DETAIL

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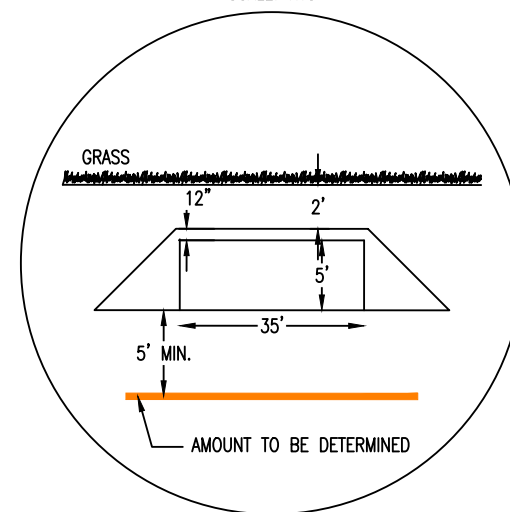
OTHER DETAIL

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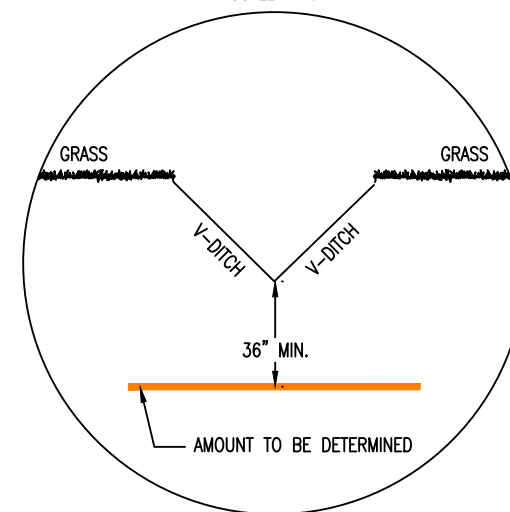
CULVERT DETAIL

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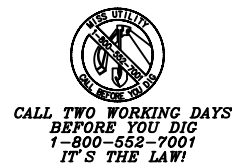


V-DITCH DETAIL

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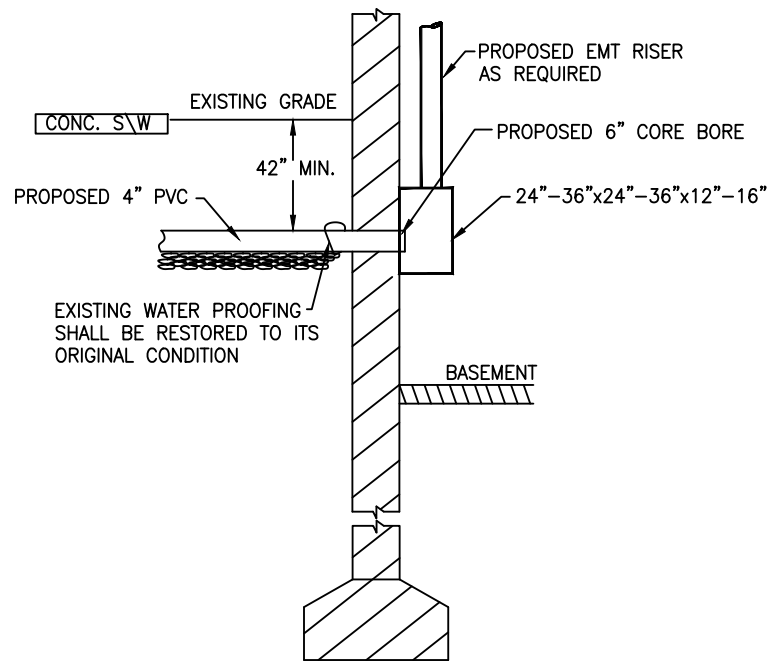
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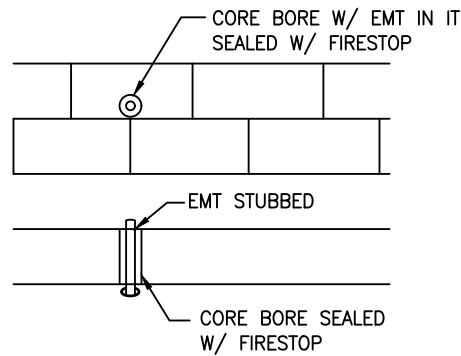
SHEET NO. T05 OF T07

TYPICAL BELOW GRADE BLDG. PENETRATION

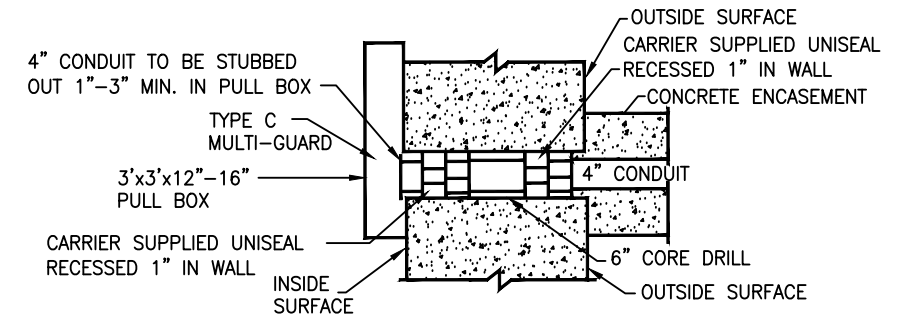


INSIDE BUILDING TYPICALS

MASONRY BLOCK WALL TYPICAL

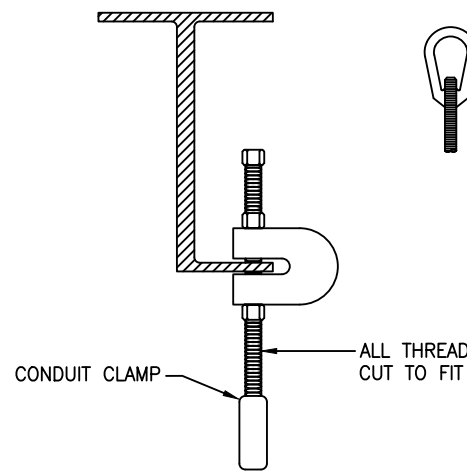


LINK SEAL - BLDG. PENETRATION DETAIL

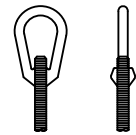


- GENERAL NOTES:
1. CORE DRILL MUST BE AT 90° (PLUMB AND SQUARE) WITH BUILDING FOUNDATION WALL TO INSURE PROPER WATER SEALING.
 2. 4" CONDUIT EXTENDING THROUGH FOUNDATION WALL SHALL BE ONE CONTINUOUS PIECE (NO COUPLINGS). BE LEVEL, PLUMB, AND SQUARE WITH BUILDING.
 3. SUBCONTRACTOR SHALL PLUG ANY UNUSED 4" CONDUITS WITH CARRIER SUPPLIED PLUGS. MARKING TAGS ATTACHED TO PLUG 1/2" PULL ROPE SHALL BE TIED TO LOOP ON BOTTOM SIDE OF PLUG.

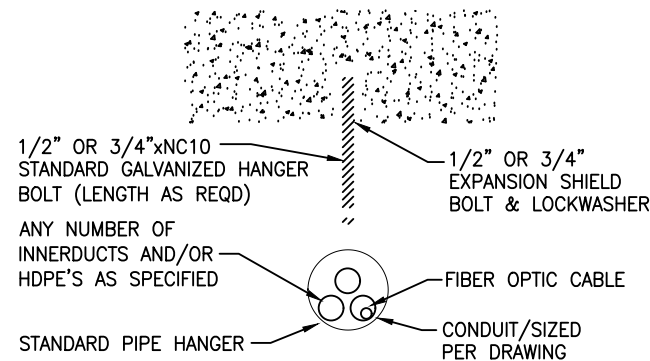
TYPICAL BEAM CLAMP



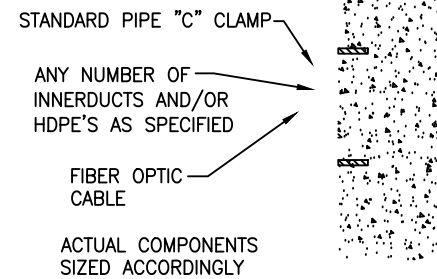
TYPICAL EYE NUT



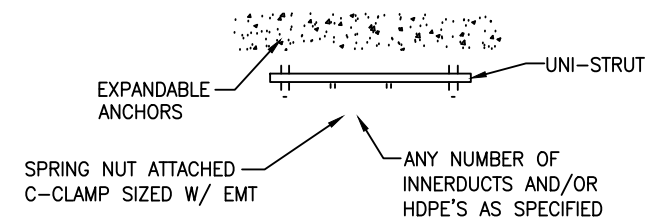
**SUSPENDED EMT
CONCRETE DECK**



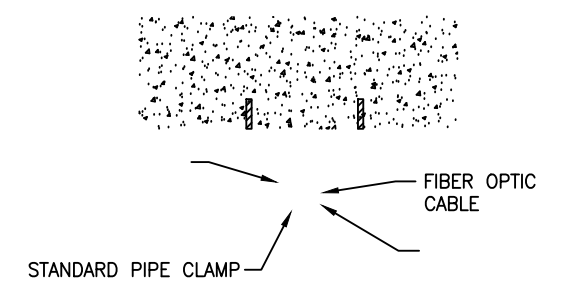
**CLOSE COUPLED HDPE DUCTS
CONCRETE DECK OR WALL**



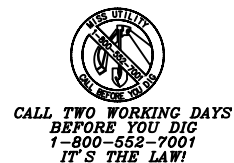
**KINDORF SUSPENDED EMT
CONCRETE DECK OR WALL**



**CLOSE COUPLED EMT
CONCRETE DECK OR WALL**



DISCLAIMER:
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ISSUED FOR CONSTRUCTION



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FREDERICKSBURG, VA 22408
540-710-5416
WWW.KCI.COM



2401 MILL RD
PROPOSED FIBER ROUTE
CITY OF ALEXANDRIA, VA

ISSUE DATE: 2.27.2025

REVISION	DATE	INITIAL	DRAWN BY: ZEESHAN AMJAD
			ENGINEERED BY: KCI
			ZAYO PROJECT NO: ISO-0795633
			KCI PROJECT NO: 00040612-008
			EST NO:
			APPROVED BY:

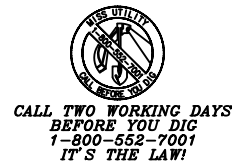
SCALE: N.T.S.

SHEET NO. T06 OF T07

PROJECT SUMMARY FOR 2401 MILL RD		
DESCRIPTION	QUANTITY	UNIT
72 FIBER (INCLUDES SLACK + 5%)	3,541	FT
1.5" HDPE + 10%	45	FT
1.25" HDPE + 10%	135	FT
PROPOSED EQUIPMENT	1	EA

FIBER REEL LENGTHS +5%
REEL #1 (72 FIBER) = 3,541'

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2401 MILL RD
PROPOSED FIBER ROUTE
CITY OF ALEXANDRIA, VA

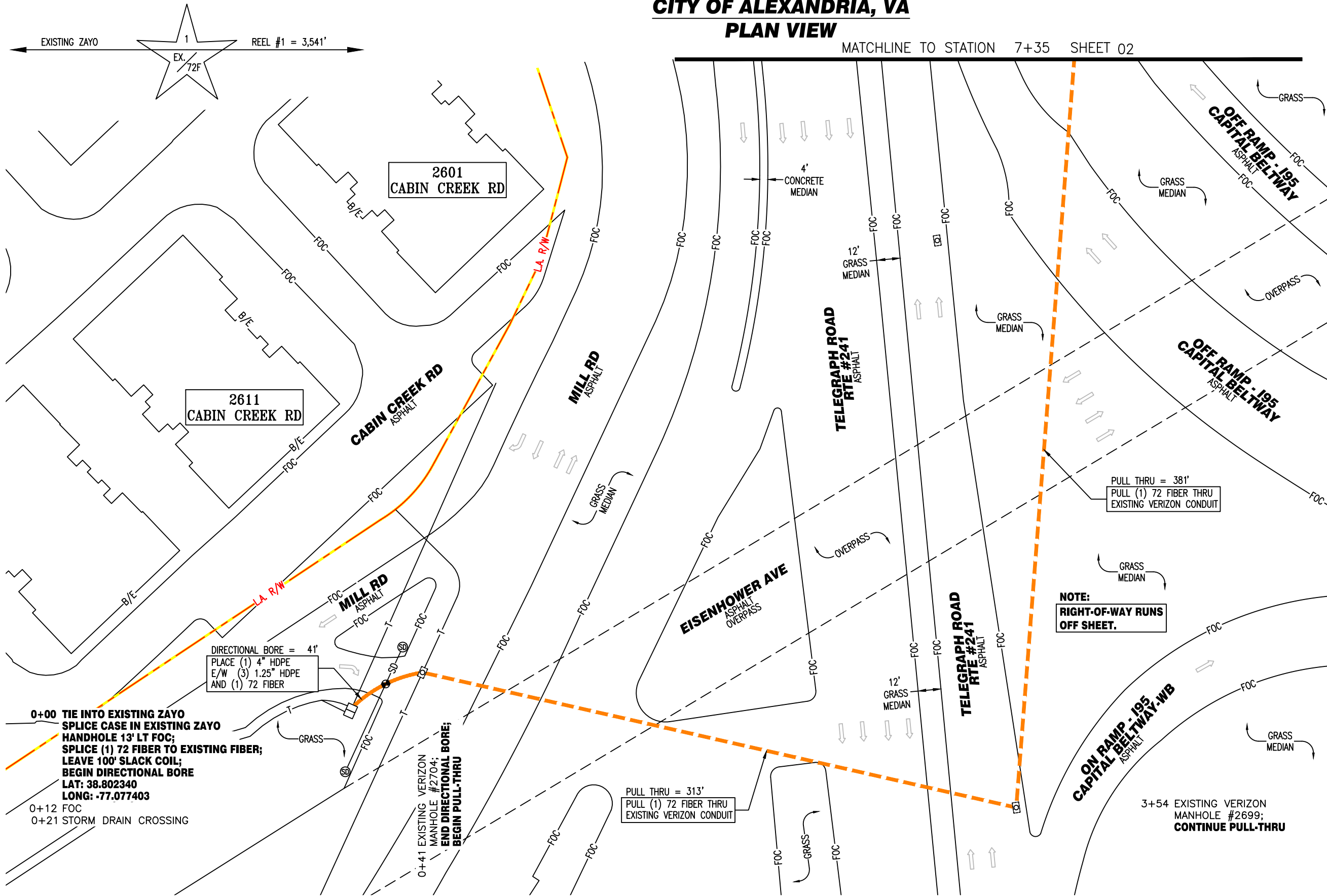
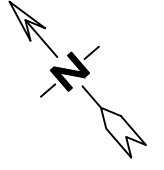
ISSUE DATE: 2.27.2025			
REVISION	DATE	INITIAL	DRAWN BY: ZEESHAN AMJAD
			ENGINEERED BY: KCI
			ZAYO PROJECT NO: ISO-0795633
			KCI PROJECT NO: 00040612-008
			EST NO:
			APPROVED BY:

SCALE: N.T.S.

SHEET NO. T07 OF T07

CITY OF ALEXANDRIA, VA PLAN VIEW

MATCHLINE TO STATION 7+35 SHEET 02



DIRECTIONAL BORE = 41'
PLACE (1) 4" HDPE
E/W (3) 1.25" HDPE
AND (1) 72 FIBER

**0+00 TIE INTO EXISTING ZAYO
SPlice CASE IN EXISTING ZAYO
HANDHOLE 13' LT FOC;
SPlice (1) 72 FIBER TO EXISTING FIBER;
LEAVE 100' SLACK COIL;
BEGIN DIRECTIONAL BORE
LAT: 38.802340
LONG: -77.077403**

0+41 EXISTING VERIZON
MANHOLE #2704;
END DIRECTIONAL BORE;
BEGIN PULL-THRU

PULL THRU = 313'
PULL (1) 72 FIBER THRU
EXISTING VERIZON CONDUIT

PULL THRU = 381'
PULL (1) 72 FIBER THRU
EXISTING VERIZON CONDUIT

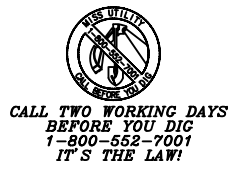
**NOTE:
RIGHT-OF-WAY RUNS
OFF SHEET.**

3+54 EXISTING VERIZON
MANHOLE #2699;
CONTINUE PULL-THRU

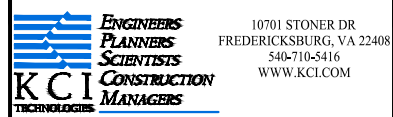
SYMBOL CORRESPONDS TO PHOTO
LOCATIONS AND ORIENTATION.
SEE SHEETS #
FOR SITE PHOTOGRAPHS.

RIGHT OF WAY DERIVED FROM
CITY OF ALEXANDRIA VA GIS.

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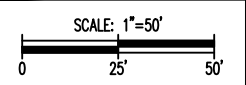


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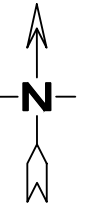
2401 MILL RD
PROPOSED FIBER ROUTE
CITY OF ALEXANDRIA, VA

ISSUE DATE: 2.27.2025			
REVISION	DATE	INITIAL	DRAWN BY: ZEESHAN AMJAD
			ENGINEERED BY: KCI
			ZAYO PROJECT NO: ISO-0795633
			KCI PROJECT NO: 00040612-008
			EST NO:
			APPROVED BY:

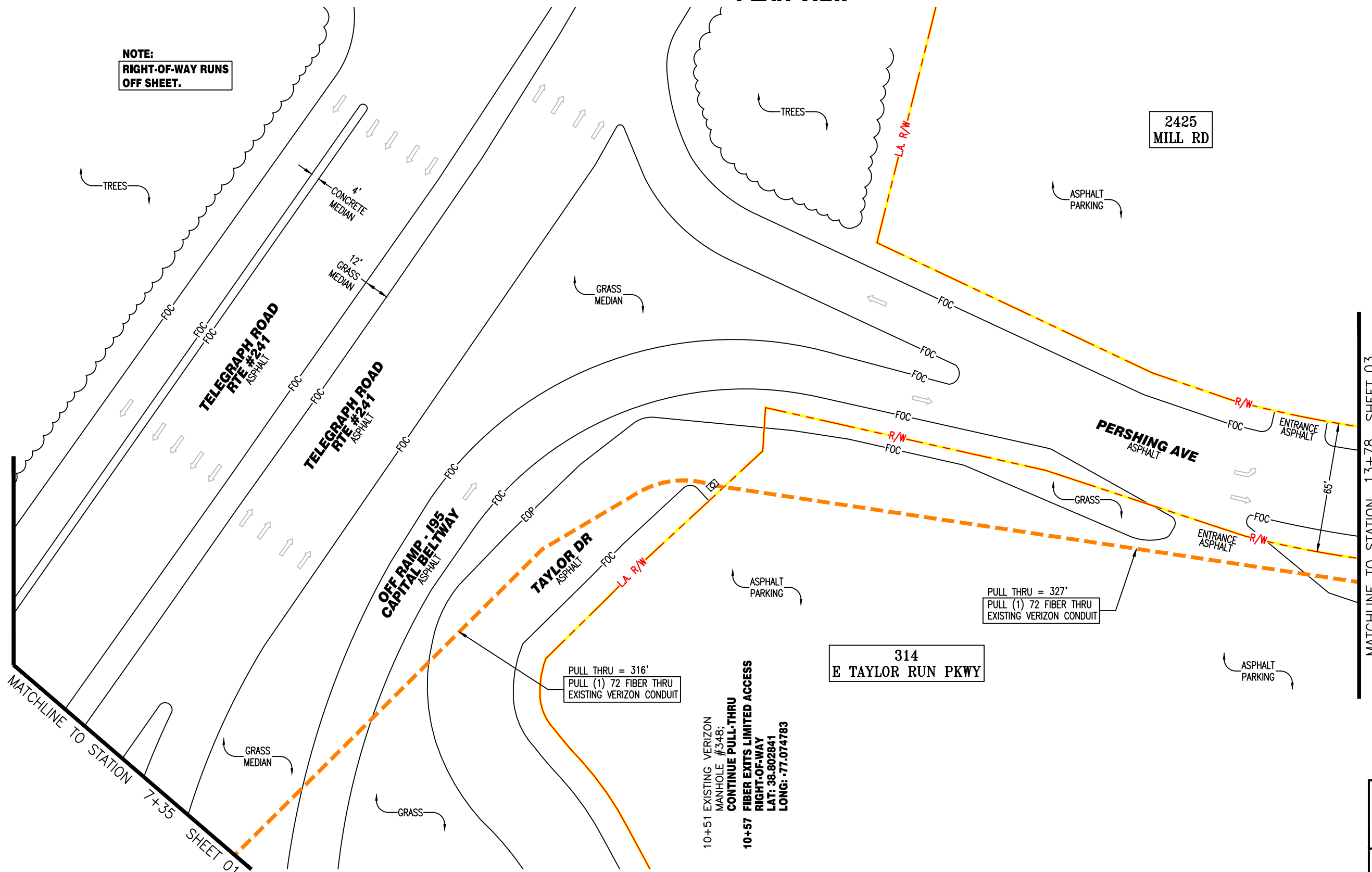


SHEET NO. 01 OF 06

**CITY OF ALEXANDRIA, VA
PLAN VIEW**



**NOTE:
RIGHT-OF-WAY RUNS
OFF SHEET.**



10+51 EXISTING VERIZON
MANHOLE #348:
CONTINUE PULL-THRU
10+57 FIBER EXITS LIMITED ACCESS
RIGHT-OF-WAY
LAT: 38.802841
LONG: -77.074783

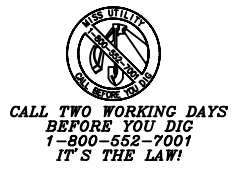
PULL THRU = 327'
PULL (1) 72 FIBER THRU
EXISTING VERIZON CONDUIT

PULL THRU = 316'
PULL (1) 72 FIBER THRU
EXISTING VERIZON CONDUIT

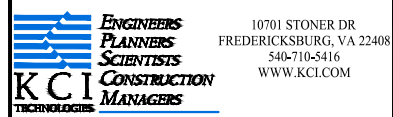
⊙ SYMBOL CORRESPONDS TO PHOTO
LOCATIONS AND ORIENTATION.
SEE SHEETS #
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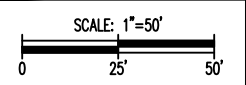


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2401 MILL RD
PROPOSED FIBER ROUTE
CITY OF ALEXANDRIA, VA

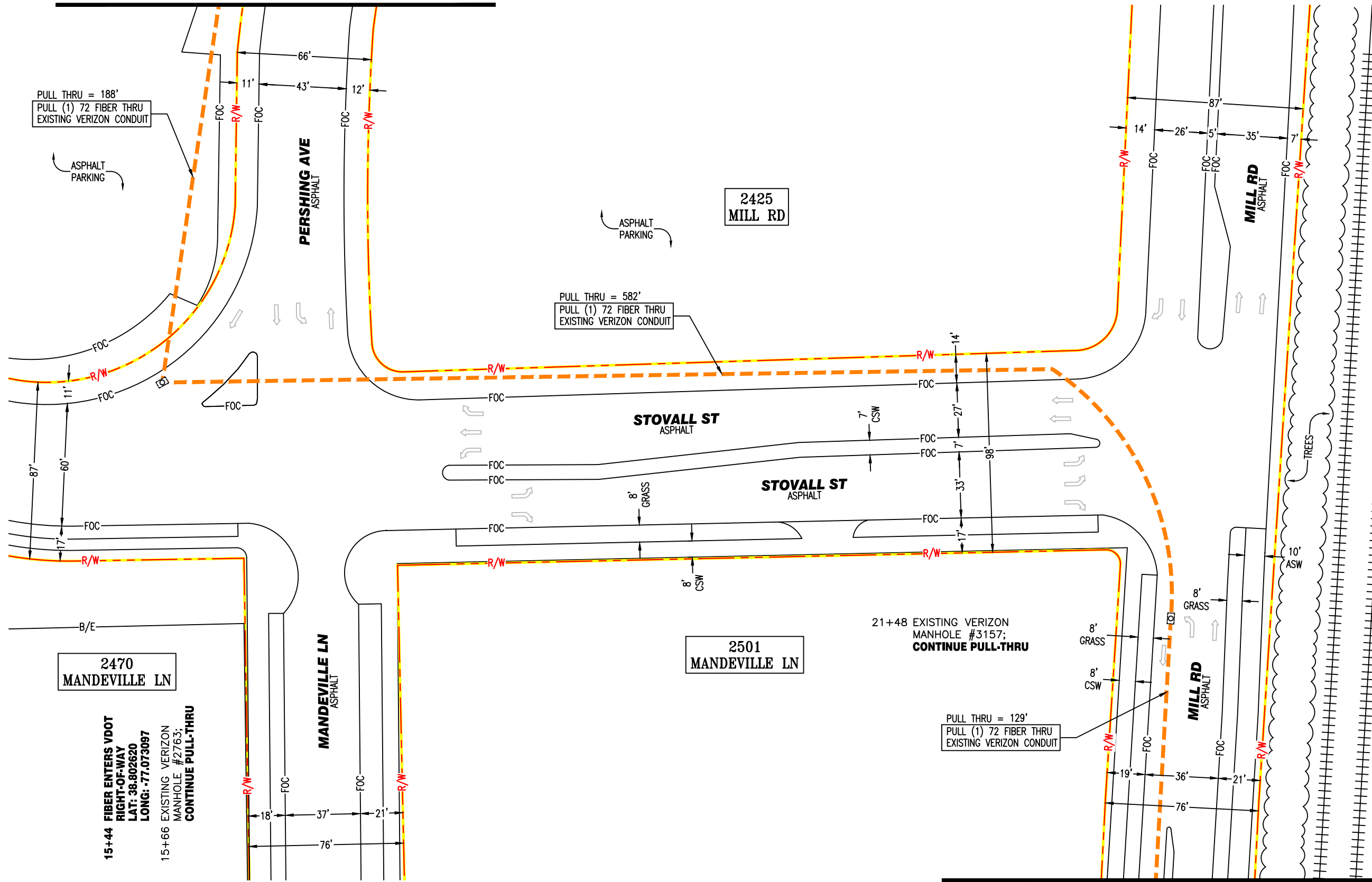
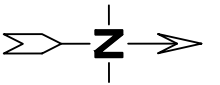
ISSUE DATE: 2.27.2025			
REVISION	DATE	INITIAL	DRAWN BY: ZEESHAN AMJAD
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			KCI PROJECT NO: 00040612-008
			EST NO:
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SHEET NO. 02 OF 06

**CITY OF ALEXANDRIA, VA
PLAN VIEW**

MATCHLINE TO STATION 13+78 SHEET 02



PULL THRU = 188'
PULL (1) 72 FIBER THRU
EXISTING VERIZON CONDUIT

PULL THRU = 582'
PULL (1) 72 FIBER THRU
EXISTING VERIZON CONDUIT

PULL THRU = 129'
PULL (1) 72 FIBER THRU
EXISTING VERIZON CONDUIT

2470
MANDEVILLE LN

2501
MANDEVILLE LN

2425
MILL RD

SYMBOL CORRESPONDS TO PHOTO
LOCATIONS AND ORIENTATION.
SEE SHEETS #
FOR SITE PHOTOGRAPHS.

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MATCHLINE TO STATION 22+77 SHEET 04

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2401 MILL RD
PROPOSED FIBER ROUTE
CITY OF ALEXANDRIA, VA

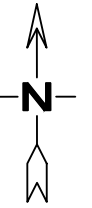
ISSUE DATE: 2.27.2025

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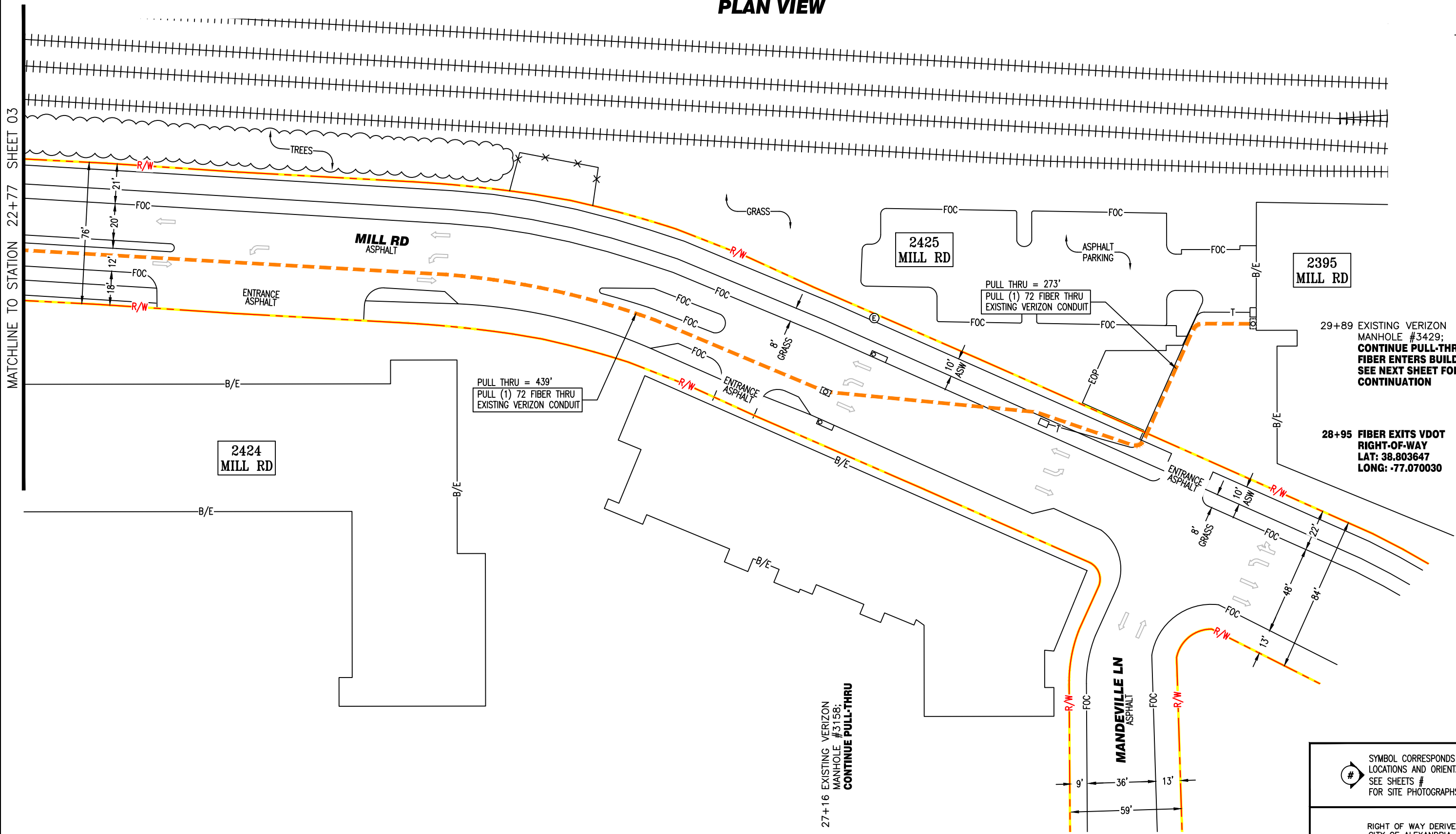
SCALE: 1"=50'

SHEET NO. 03 OF 06

CITY OF ALEXANDRIA, VA PLAN VIEW



MATCHLINE TO STATION 22+77 SHEET 03



28+95 FIBER EXITS VDOT RIGHT-OF-WAY
LAT: 38.803647
LONG: -77.070030

27+16 EXISTING VERIZON MANHOLE #3158; CONTINUE PULL-THRU

SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEETS # FOR SITE PHOTOGRAPHS.

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**CALL TWO WORKING DAYS BEFORE YOU DIG
1-800-552-7001
IT'S THE LAW!**

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KCI
CONSTRUCTION MANAGERS

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zayo

GROUP

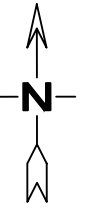
2401 MILL RD
PROPOSED FIBER ROUTE
CITY OF ALEXANDRIA, VA

ISSUE DATE: 2.27.2025			
REVISION	DATE	INITIAL	DRAWN BY: ZEESHAN AMJAD
			ENGINEERED BY: KCI
			ZAYO PROJECT NO: ISO-0795633
			KCI PROJECT NO: 00040612-008
			EST NO:
			APPROVED BY:

SCALE: 1"=50'

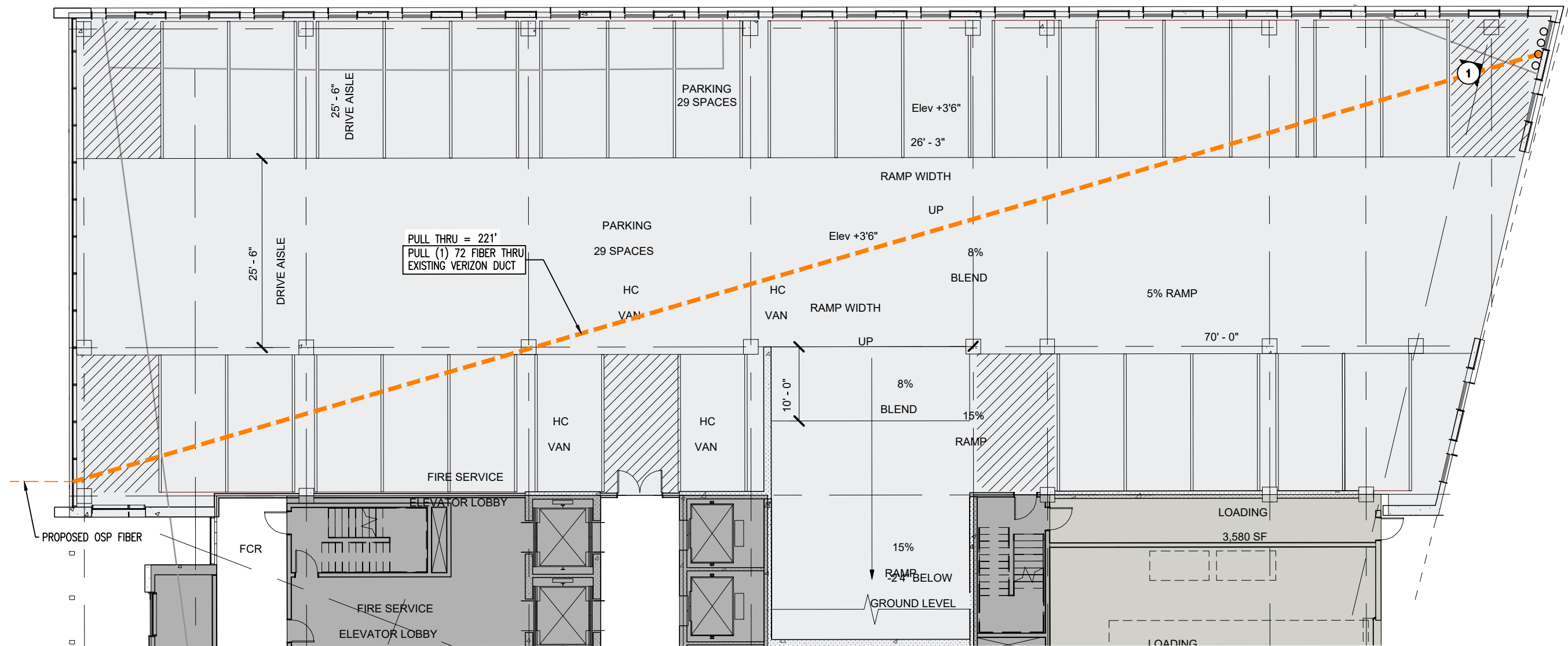
SHEET NO. 04 OF 06

2395 MILL RD GROUND FLOOR PLAN



29+89 FIBER ENTERS BUILDING THRU EXISTING VERIZON CONDUIT; CONTINUE PULL-THRU

31+95 BEGIN FIBER RISING UP TO PARKING LEVEL 02 TELEPHONE ROOM THRU CLOSET CONDUIT
32+10 FIBER EXITS GROUND FLOOR; FIBER ENTERS LEVEL 02 PARKING



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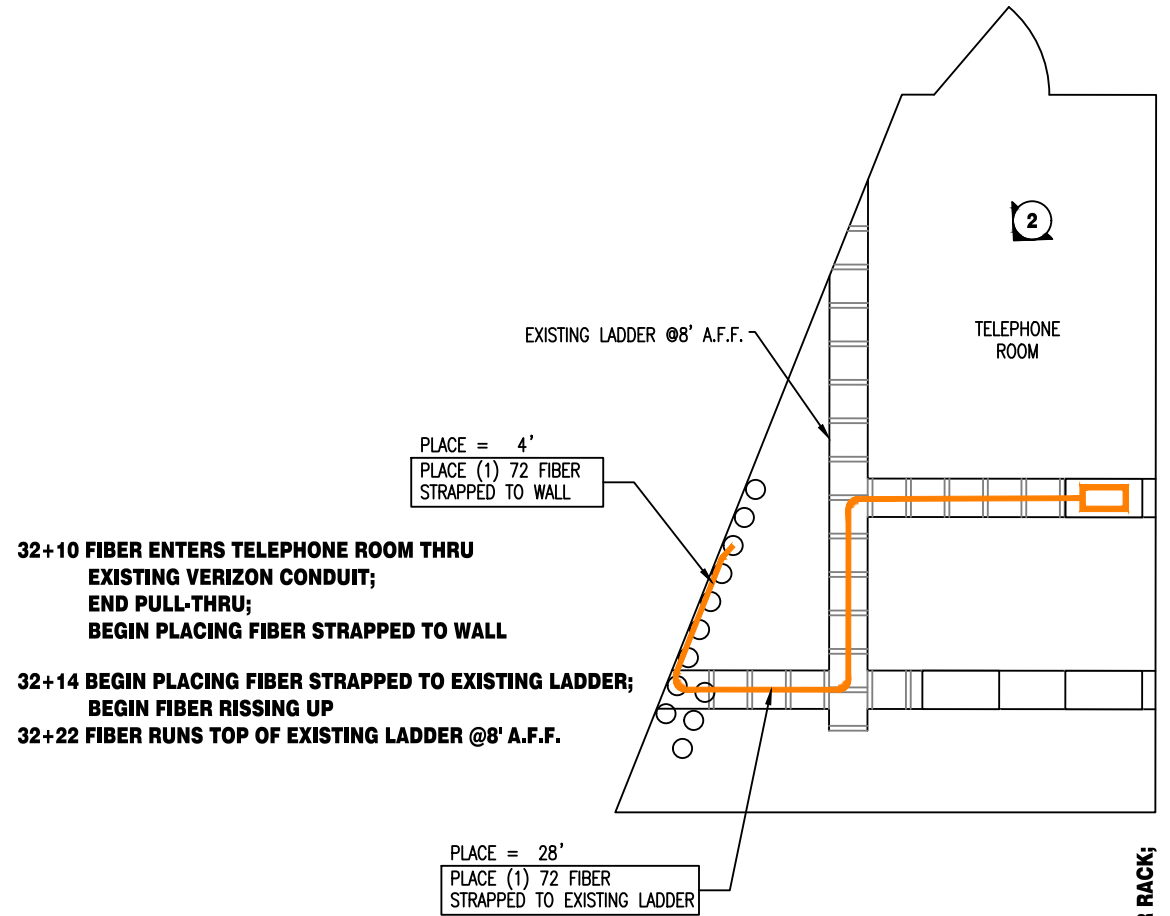
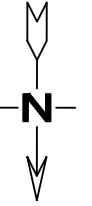
2401 MILL RD
PROPOSED FIBER ROUTE
CITY OF ALEXANDRIA, VA

ISSUE DATE: 2.27.2025			
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			KCI PROJECT NO: 00040612-008
			EST NO:
			APPROVED BY:

SCALE: 1"=15'

SHEET NO. 05 OF 06

2395 MILL RD
TELEPHONE ROOM - LEVEL 02 PARKING
 PICTURES DETAIL



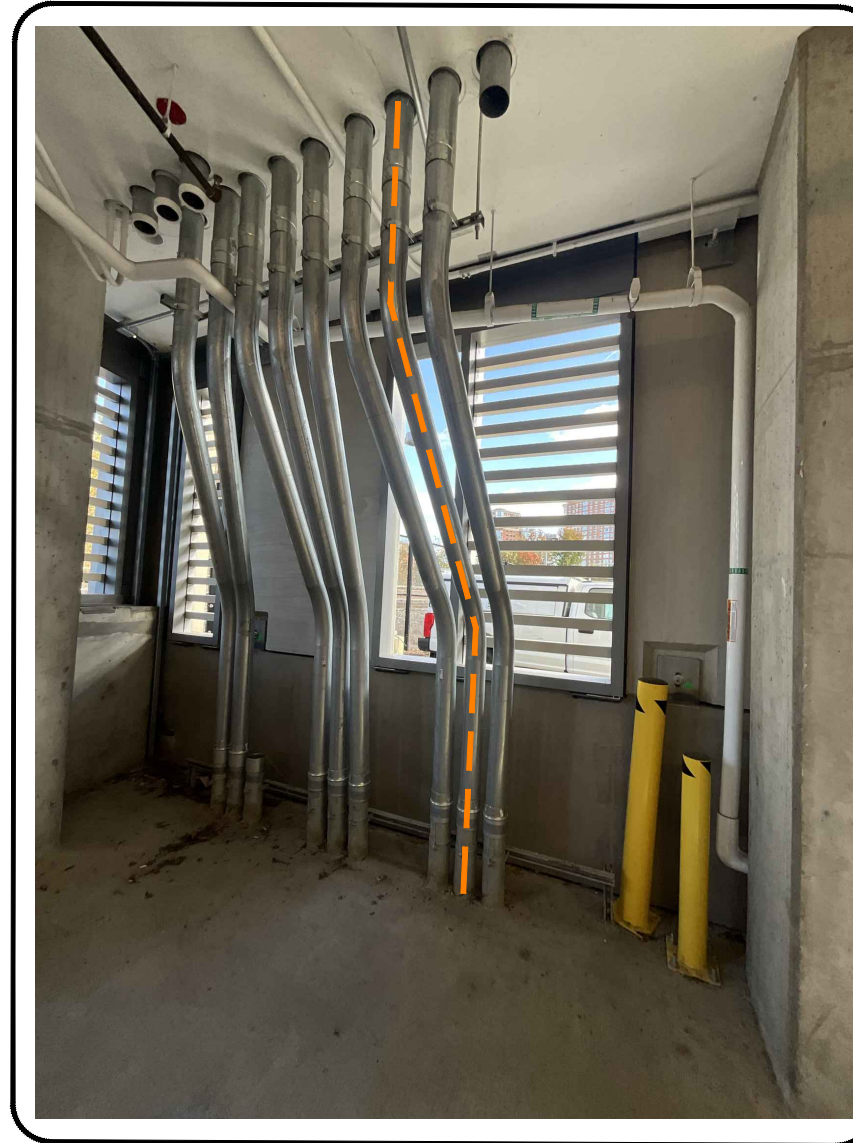
32+10 FIBER ENTERS TELEPHONE ROOM THRU EXISTING VERIZON CONDUIT; END PULL-THRU; BEGIN PLACING FIBER STRAPPED TO WALL

32+14 BEGIN PLACING FIBER STRAPPED TO EXISTING LADDER; BEGIN FIBER RISSING UP

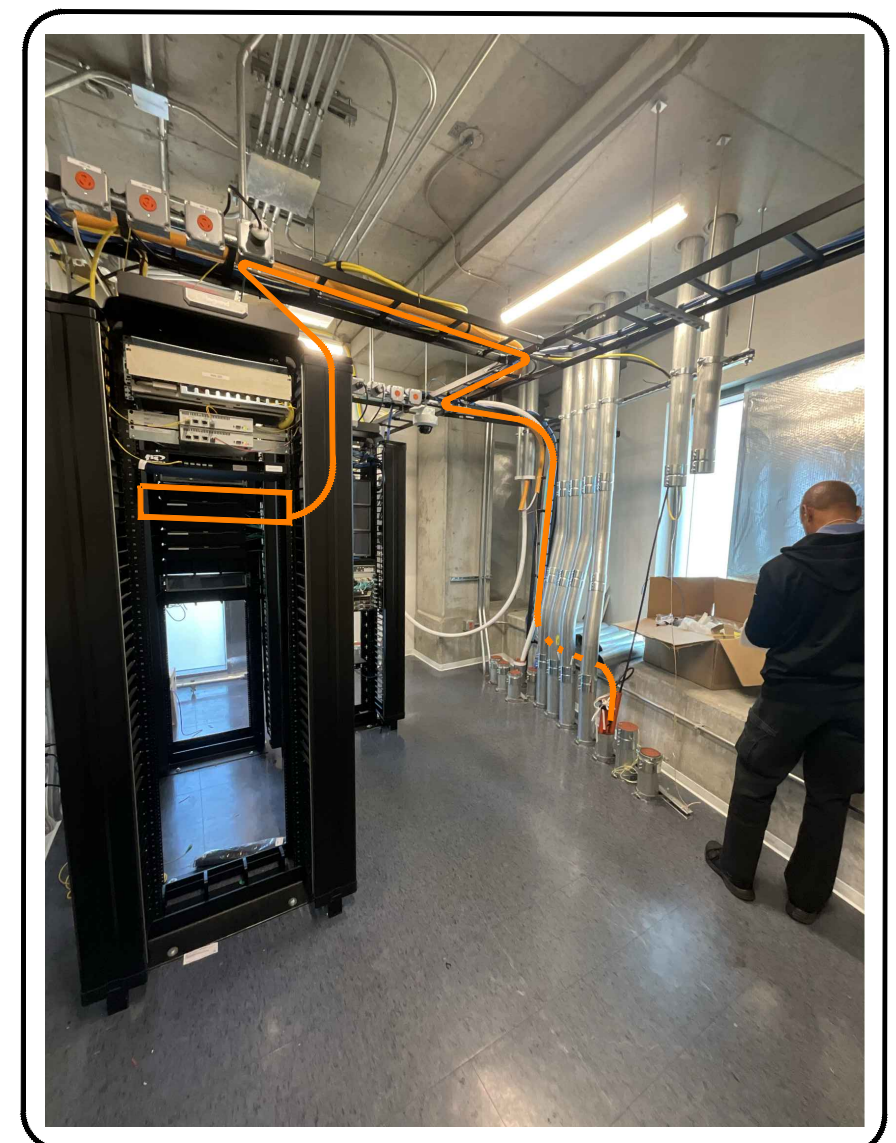
32+22 FIBER RUNS TOP OF EXISTING LADDER @8' A.F.F.

**32+26 FIBER TURNS
32+31 FIBER TURNS**

**32+38 FIBER LEAVES EXISTING LADDER;
FIBER DECENDS TO EXISTING RACK
32+42 TERMINATES FIBER AT PROPOSED EQUIPMENT @ 4' A.F.F. ON EXISTING SERVER RACK;
LEAVE 30' TERMINATION COIL**

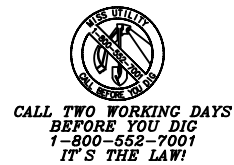


1 FIBER EXITS GROUND FLOOR THRU EXISTING VERIZON CONDUIT
SCALE: N.T.S.



2 FIBER ENTERS TELEPHONE ROOM, END PULL-THRU VERIZON CONDUIT; BEGIN PLACING STRAPPED TO WALL & EXISTING LADDER - TERMINATES AT PROPOSED EQUIPMENT
SCALE: N.T.S.

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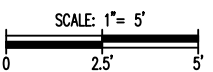
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SHEET NO. 06 OF 06