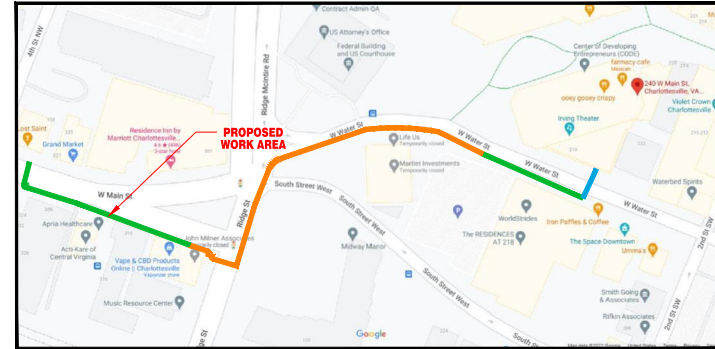




240 W MAIN STREET PROPOSED FIBER ROUTE CHARLOTTESVILLE, VA. REVISION 05 APRIL 12, 2024

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VICINITY MAP
SCALE N.T.S

CONTACT LIST

CUSTOMER:

ANTOINE WILSON	(307) 206-4865
EXPRESS-TEK:	
DAVID BROWN SR. ENGINEERING MANAGER	(540) 752-6691
CHRIS GOODRICH ENGINEER	(540) 752-6691
SHERY SMITH PERMITTING SPECIALIST	(540) 752-6691
THOMAS BOWEN LEAD DRAFTER	(540) 752-6691

UTILITIES:

MISS UTILITY (VA)	24 HOUR NUMBER	811
WILLIAMS PIPE LINE (TRANSCONTINENTAL)	WILLIAM POOLE	(703) 368-3255 X2223
EMERGENCY 24 HOUR NUMBER		1-(800) 257-7777
NATURAL GAS:		
CITY OF CHARLOTTESVILLE	EMERGENCY	(434) 293-9164
WATER & SEWER:		
CITY OF CHARLOTTESVILLE	EMERGENCY	(434) 293-9164

PERMITTING AGENCIES:

CITY OF CHARLOTTESVILLE	ROY NESTER	(434) 970-3808
CITY OF CHARLOTTESVILLE	CHRIS SIBOLD ASST. CITY ENGINEER	SIBOLD@CHARLOTTESVILLE.GOV
CITY OF CHARLOTTESVILLE	HUNTER R.T. UTILITIES CIVIL ENGINEER	(434) 970-3032

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

240 MAIN ST.
CHARLOTTESVILLE, VA.

ENGINEER:
C. GOODRICH
DRAFTER:
T. BOWEN
PERMITTING:
S. SMITH

DATE: 04/12/24

SCALE: 1"=25'

FILE #: 18399

SHEET SIZE: 24" x 36"

REVISION: 05



Know what's below.
Call before you dig.

PERMIT
FOR
CONSTRUCTION



SHEET TITLE
COVER

SHEET 01 OF 07

NOTES:

1. ALL WORK IN THE RIGHT OF WAY (ROW) THAT DISTURBS PUBLIC INFRASTRUCTURE SHALL BE REMEDIATED PER CITY OF CHARLOTTESVILLE STANDARDS.
2. ALL DEMOLITION WORK IN THE ROW SHALL BE SAW CUT.
3. REMEDIAL WORK DONE IN THE ROW, I.E. CONCRETE AND ASPHALT, SHALL BE INSPECTED BY CITY INSPECTORS PRIOR AND DURING INSTALLATION. ALLOW 24-HOURS NOTICE WHEN SCHEDULING INSPECTIONS.
4. SIDEWALK REPLACEMENT SAW CUTS SHALL BE TO THE NEAREST CONTROL JOINT.
5. ANY TEST PITS, ASPHALT OR CONCRETE WORK IN THE ROW SHALL REQUIRE A STREET CUT PERMIT.
6. ANY NECESSARY TRAFFIC CONTROL PERMITTING IS REQUIRED PRIOR TO COMMENCING CONSTRUCTION.
7. VA 811 TICKET NUMBER IS A334601017-00A. IT WAS CALLED IN ON 12/12/23 AND EXPIRED ON 01/05/24.

LEGEND

SYMBOL	DESCRIPTION	LINETYPES AND STATIONING	DESCRIPTION
	ELECTRIC MANHOLE	0+00 TEXT LINE 1	EXISTING STATIONING
	ELECTRIC TRANSFORMER	0+00 TEXT LINE 1	PROPOSED STATIONING
	PARKING METER	A/E	AERIAL CABLE LINE
	STREET LIGHT	CATV	CABLE TV
	TRAFFIC CONTROL BOX	E	ELECTRIC LINE
	TRAFFIC/CROSSWALK SIGNAL	G	GAS LINE
	TRAFFIC SIGNAL	S	SEWER LINE
	TELEPHONE MANHOLE	=====	STORM DRAIN LINE
	EXISTING TELEPHONE HH	T	TELEPHONE LINE
	VERIZON MANHOLE	TR	TRAFFIC LINE
	ANCHOR	W	WATER LINE
	TELEPHONE PEDESTAL	CSW	CONCRETE SIDE WALK
	TELE/VZ/PROP POLE	ASW	ASPHALT SIDE WALK
	VZ/TELE/PROP POLE	CL	CENTER LINE
	FIBER MARKER TUBE	EOG	EDGE OF GRAVEL
	WATER MANHOLE	EOP	EDGE OF PAVEMENT
	WATER VALVE	BOC	BACK OF CURB
	WATER METER	PROP BOC	PROPOSED BACK OF CURB
	FIRE HYDRANT	P	PROPERTY LINE
	IRRIGATION VALVE	R/W	RIGHT OF WAY
	SEWER MANHOLE	PROP R/W	PROPOSED RIGHT OF WAY
	SEWER CLEANOUT	LVL 3	LEVEL - 3
	STORM DRAIN MANHOLE	ZAYO	ZAYO
	GRATE INLET	MCI	MCI - VERIZON
	CATCH BASIN	MFN	METRO FIBER NETWORKS
	GAS MANHOLE	XO	XO COMMUNICATIONS
	GAS VALVE	SIG	SUMMIT IG
	GAS TANK	AT&T	TCG-AT&T
	UTILITY MANHOLE	QGS	QWEST
	TREE	VZN	VERIZON
	MAILBOX	CC	CROWN CASTLE
	TEST PIT	MFS	METROPOLITAN FIBER SYSTEMS
	PROPERTY PIN	RCN	RCN
	STEEL POST	FBL	FIBERLIGHT
	SIGN		

SYMBOL	DESCRIPTION
	PROP/EXISTING TELE HH
	PROPOSED ANCHOR
	AERIAL SLACK COIL
	SPLICE POINT
	ANCHOR TEXT
	PROPOSED MANHOLE
	PROPOSED SLACK COIL
	ADDRESS LABEL
	ROAD LABEL
	RR SIGNAL
	TRACK SWITCH
	CROSSING ARM
	RR MP
	MILE POST
	POLE SEQUENCE CIRCLE
	AERIAL DISTANCE OVAL
	DETAIL CIRCLE
	WORK ZONE
	BUILDING EDGE

LINETYPES	DESCRIPTION
	FENCE LINE
	GUARDRAIL
	PROPERTY LINE
	RAILROAD
	SLOPE - TOP
	SLOPE - BOTTOM
	WOODS
	PROPOSED UNDERGROUND PULL THRU
	PROPOSED FIBER
	PROPOSED AERIAL FIBER
	PROPOSED AERIAL OVERLASH FIBER
	PROPOSED INNERDUCT W/ FIBER
	PROPOSED CONDUIT W/ FIBER
	PROPOSED ISP PULL THRU EXISTING CONDUIT
	EASEMENT LINE

ABBREVIATION	DESCRIPTION
HH	HANDHOLE
MH	MANHOLE
O/S	OFFSET
DB	DIRECTIONAL BORE
PVC	POLY VINYL CHLORIDE
HDPE	HIGH DENSITY POLYETHYLENE
INDT	INNERDUCT
EMT	ELECTRICAL METALLIC TUBING

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LEGEND

SHEET 02 OF 07

GENERAL NOTES

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.

EROSION SEDIMENT CONTROL NARRATIVE:

DESCRIPTION:

THIS PROJECT CONSISTS OF THE PROPOSED CONSTRUCTION OF TRENCHING OR DIRECTIONAL BORING FOR THE PURPOSE OF INSTALLING FIBER OPTIC DUCT.

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

MAINTENANCE PROGRAM:

1. ALL MEASURES ARE TO BE INSPECTED DAILY BY THE SITE SUPERINTENDENT OR HIS REPRESENTATIVE. ANY DAMAGE STRUCTURAL MEASURES SHALL BE REPAIRED IMMEDIATELY TO AVOID DAMAGE TO DOWN STREAM PROPERTIES.
2. AS AREAS ARE BROUGHT TO EITHER GRADE OR SUBGRADE THEY SHOULD BE STABILIZED BY EITHER PLACING GRAVEL SUBBASE OR BY SEEDING AS EARLY AS POSSIBLE.
3. ALL FILLS ARE TO BE LEFT WITH A LIP AT THE TOP OF THE SLOPE AT THE END OF EACH DAY OF OPERATION.
4. ALL CUT AND FILL SLOPES ARE TO BE SEEDED AND MULCHED WITH IN FIVE (5) DAYS OF COMPLETION OF GRADING.

GENERAL LAND CONSERVATION NOTES:

1. NO DISTURBED AREA WILL BE DENUDED FOR MORE THAN SEVEN (7) CALENDAR DAYS UNLESS AUTHORIZED BY THE COUNTY WHERE THE WORK IS TAKING PLACE.
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 NOTE 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 VIRGINIA 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.

SEEDING SPECIFICATIONS:

NOTE: ALL EARTHEN CONTROLS SHALL BE SEEDED AND MULCHED IMMEDIATELY FOLLOWING INSTALLATION AND ANY SOIL STOCKPILES SHALL BE STABILIZED WITH TEMPORARY VEGETATION.

TEMPORARY SEEDING:

1. IN HIGHLY ACID SOILS (PH 5.5 AND LOWER) LIME SHALL BE ADDED TO THE SOIL AT A RATE OF TWO (2) TONS OF PULVERIZED LIMESTONE PER ACRE AND WORKED INTO THE TOP 2"-4" OF THE SOIL. FERTILIZER SHALL BE APPLIED AT A RATE OF 450 POUNDS PER ACRE OF 10-20-20 OR EQUIVALENT. IT SHALL BE WORKED INTO THE TOP 2"-4" OF THE SOIL.
2. SURFACE ROUGHENING WHERE SURFACE IS COMPACTED, CRUSTED OR HARDENED IS REQUIRED. THE SOIL SURFACE SHALL BE LOOSENEED PER SURFACE ROUGHENING IN THE CURRENT VIRGINIA EROSION AND SEDIMENT HANDBOOK.
3. SEEDING ACCOMPLISHED IN THE FALL OR WINTER, ON SLOPES IN EXCESS OF 4:1, ON ADVERSE SOIL CONDITIONS OR EXCESSIVELY HOT OR DRY WEATHER SHALL BE MULCHED IN ACCORDANCE WITH THE CURRENT VIRGINIA EROSION AND SEDIMENT HANDBOOK.
4. AREAS WHICH FAIL TO ESTABLISH VEGETATIVE COVER ADEQUATELY TO PREVENT RILL EROSION SHALL BE RESEDED AS SOON AS THEY ARE IDENTIFIED.
5. TEMPORARY SEED MIXTURES SHALL BE AS FOLLOWS:
60 LBS/ACRE GERMAN MILLET (SUMMER MONTHS)
60 LBS/ACRE ANNUAL RYEGRASS OR 100 LBS/ACRE CEREAL RYE (LATE FALL OR EARLY WINTER)

PERMANENT SEEDING:

1. THE EXISTING SOIL MUST MEET THE FOLLOWING CRITERIA:
A. ENOUGH FINE GRADED MATERIAL TO MAINTAIN ADEQUATE MOISTURE AND NUTRIENT SUPPLY.
B. SUFFICIENT PORE SPACE TO PERMIT ROOT PENETRATION. A BULK DENSITY OF 1.2 TO 1.5 INDICATES THAT SUFFICIENT PORE SPACE IS AVAILABLE.
C. SUFFICIENT DEPTH OF SOIL TO PROVIDE ADEQUATE ROOT ZONE. THE DEPTH TO ROCK OR IMPERMEABLE SURFACES SHALL BE 12" OR MORE.
D. A FAVORABLE PH RANGE OF 6.0-7.0 FOR PLANT GROWTH. IF SOIL IS TOO ACIDIC TO BE MODIFIED TO WITHIN THIS RANGE, IT IS CONSIDERED AN UNSUITABLE ENVIRONMENT FOR PLANT ROOTS.
E. FREEDOM FROM TOXIC AMOUNTS OF MATERIALS HARMFUL TO PLANT GROWTH.
F. FREEDOM FROM EXCESSIVE QUANTITIES OF ROOTS, BRANCHES, LARGE STONES, LARGE CLODS OF EARTH OR TRASH OF ANY KIND.
IF ANY OF THE CRITERIA CANNOT BE MET THEN TOPSOIL SHALL BE APPLIED IN ACCORDANCE WITH THE CURRENT VIRGINIA EROSION AND SEDIMENT HANDBOOK.
2. SURFACES SHALL BE ROUGHENED IN ACCORDANCE WITH THE CURRENT VIRGINIA EROSION AND SEDIMENT HANDBOOK.
3. SOIL CONDITIONERS MAY BE ADDED TO THE SOIL AS DESIRED BUT MUST BE DONE IN ACCORDANCE WITH THE CURRENT VIRGINIA EROSION AND SEDIMENT HANDBOOK.
4. LIME AND FERTILIZER NEEDS SHOULD BE DETERMINED BY SOIL SCIENTISTS FROM QUALIFIED COMMERCIAL LABORATORY OR THE COOPERATIVE EXTENSION SERVICE SOIL TESTING LABORATORY AT VPI & SU. GENERAL RECOMMENDATIONS ARE TWO (2) TONS PER ACRE OF AGRICULTURAL LIMESTONE ON SANDY SOILS AND THREE (3) TONS PER ACRE ON CLAYEY SOILS WITH 1,200 POUNDS PER ACRE OF 10-10-10 FERTILIZER.
5. SEED MIXTURE SHALL BE 100-120 LBS/ACRE OF TALL FESCUE AND 12 LBS /ACRE ANNUAL RYEGRASS.
6. ALL PERMANENT SEEDING SHALL BE MULCHED IMMEDIATELY IN ACCORDANCE WITH THE CURRENT VIRGINIA EROSION AND SEDIMENT HANDBOOK.

CONSTRUCTION NOTES:

1. NUMBER 6 TRACER WIRE TO BE REQUIRED WITH ALL CABLE PLACEMENT.
2. FIBER OPTIC WARNING TAPE WILL BE PLACED 12" BELOW THE EXISTING GRADE IN ALL EXCAVATIONS.
3. VERIFICATION OF THE LOCATION OF EXISTING UTILITY CROSSINGS IS THE RESPONSIBILITY OF THE CONTRACTOR. HAND DIGGING WILL BE UTILIZED WHERE REQUIRED.
4. CALL THE LOCAL UTILITY ONE-CALL AT LEAST 72 HOURS IN ADVANCE OF ANY CONSTRUCTION 811
5. A 12" SEPARATION BETWEEN PROPOSED CONDUIT AND OTHER UTILITIES WILL BE MAINTAINED.
6. CONDUIT CAPS WILL BE PLACED ON THE ENDS OF ALL VACANT DUCTS DURING CONSTRUCTION, UPON COMPLETION, AND WHILE AWAITING FIBER INSTALLATION.
7. ALL INSTALL DUCTS WILL BE PROOFED USING A MANDRILL 1/4" SMALLER THAN THE PIPE ID PVC AS SHOWN ON DRAWING.
8. THE MINIMUM BENDING RADIUS FOR FIBER CABLE WILL BE 36".
9. MAXIMUM CABLE INSTALLATION TENSION WILL NOT EXCEED 600 POUNDS. A 600 POUND BREAKAWAY SWIVEL WILL BE USED DURING PULLING.
10. THE REMOVAL AND STORAGE OF ALL SHRUBBERY TO BE REPLACED IS THE RESPONSIBILITY OF THE CONTRACTOR.
11. THE CONTRACTOR WILL RESTORE ALL DISTURBED AREAS TO THEIR ORIGINAL OR BETTER CONDITION
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONSTRUCTION AS-BUILT DRAWINGS AND PRESENT A COMPLETE SET OF RED-LINED DRAWINGS TO CROWN CASTLE WITHIN 14 DAYS OF COMPLETION OF THE WORK.
13. CONDUITS WILL BE TERMINATED ABOVE THE MIDPOINT OF MANHOLE.
14. PLACE 100 FEET FIBER SLACK COIL IN EACH HANDHOLE/MANHOLE.
15. HAND DIG UNDER ANY BURIED UTILITY CABLES AS REQUIRED.
16. ALL CONDUITS WILL BE PLACED AT A MINIMUM OF 36" COVER.

240 MAIN ST.
CHARLOTTESVILLE, VA.

ENGINEER:
C. GOODRICH

DRAFTER:
T. BOWEN

PERMITTING:
S. SMITH

DATE: 04/12/24

SCALE: 1"=25'

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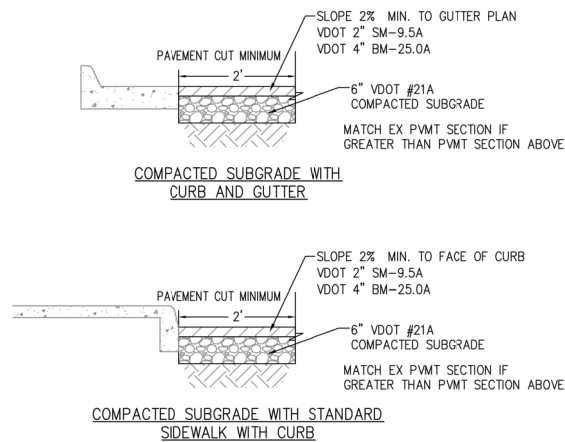


CC CROWN CASTLE
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SHEET TITLE
GENERAL NOTES

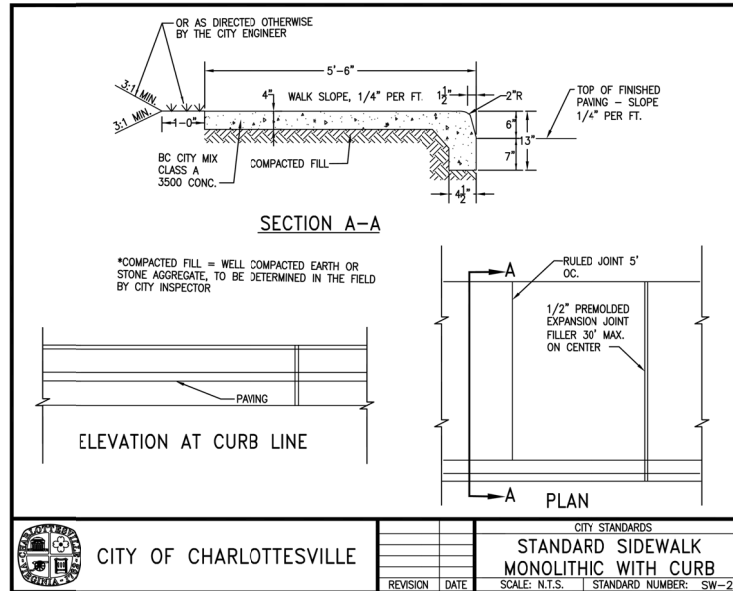
SHEET 03 OF 07

PLACEMENT TYPICALS



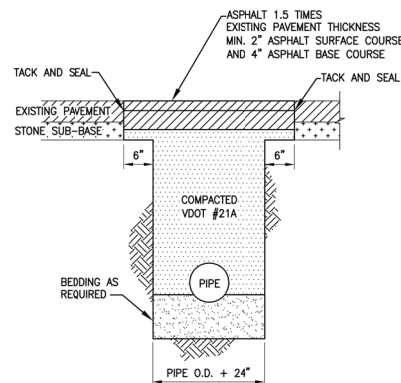
CITY OF CHARLOTTESVILLE

CITY STANDARDS			
MINIMUM PAVEMENT PATCH			
REVISION	DATE	SCALE: N.T.S.	STANDARD NUMBER: PP-1



CITY OF CHARLOTTESVILLE

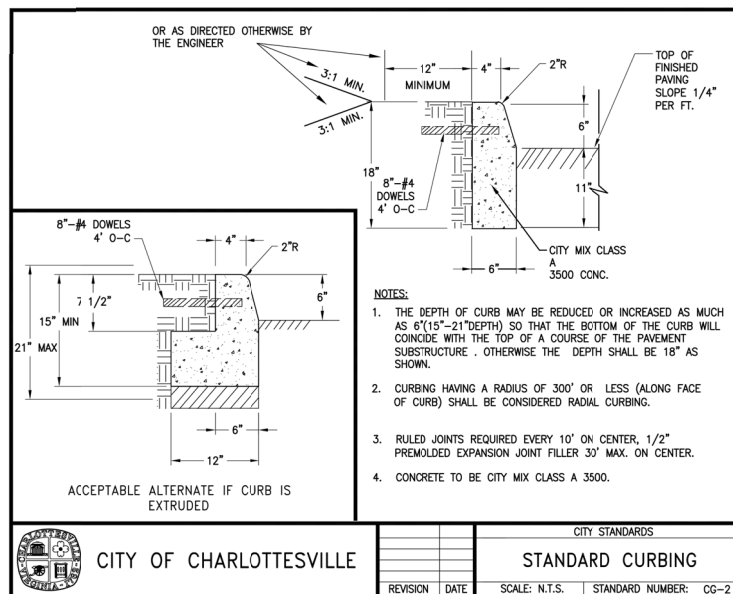
CITY STANDARDS			
STANDARD SIDEWALK MONOLITHIC WITH CURB			
REVISION	DATE	SCALE: N.T.S.	STANDARD NUMBER: SW-2



CITY OF CHARLOTTESVILLE

CITY STANDARDS
PERMANENT PAVEMENT REPAIR

REVISION	DATE	SCALE: N.T.S.	STANDARD NUMBER: PR-1
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CITY OF CHARLOTTESVILLE

CITY STANDARDS
STANDARD CURBING

REVISION	DATE	SCALE: N.T.S.	STANDARD NUMBER: CG-2
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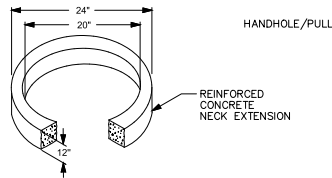
SHEET TITLE
PLACEMENT TYP.

SHEET 04 OF 07

TYPICAL 3'x3'x3' MANHOLE DETAIL

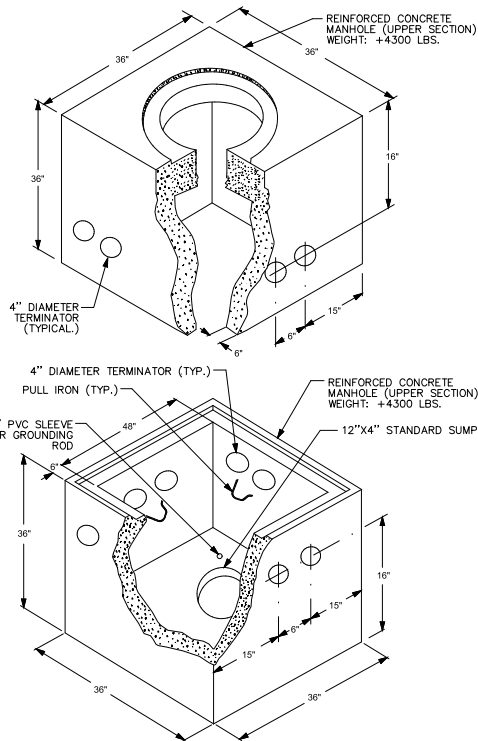
TYPICAL DETAIL "A"

TYPICAL NECK EXTENSION DETAIL



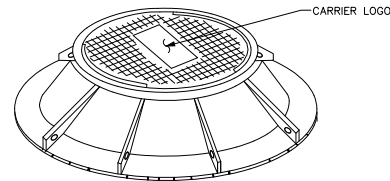
TYPICAL DETAIL "D"

DALWORTH QUICKSET MANHOLE
WALLS: 6in. HEADROOM: 48in.



TYPICAL DETAIL "B"

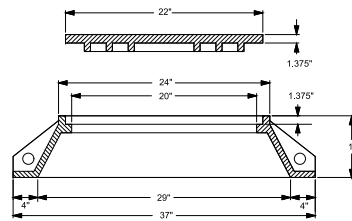
MANHOLE COVER IRONWORKS #B-30



NOTES:
1. EACH COVER TO HAVE (4) PICK SLOTS FOR REMOVING.
2. STAMP CARRIER'S ID IN COVER.
3. ACCESS HOLE: 30"

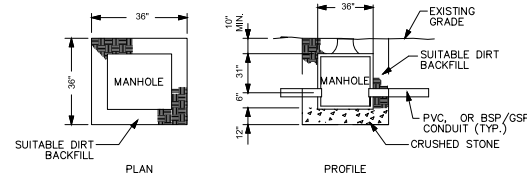
TYPICAL DETAIL "E"

RING AND COVER DETAIL
RING: 390lbs. COVER: 300lbs.



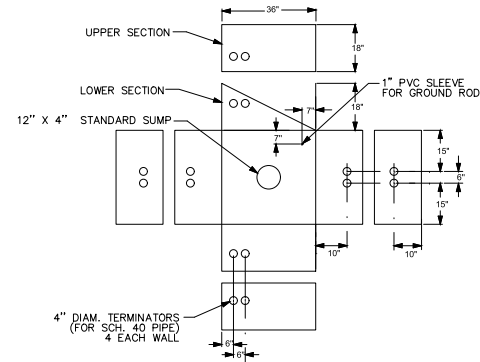
TYPICAL DETAIL "G"

TYPICAL MANHOLE EXCAVATION PIT



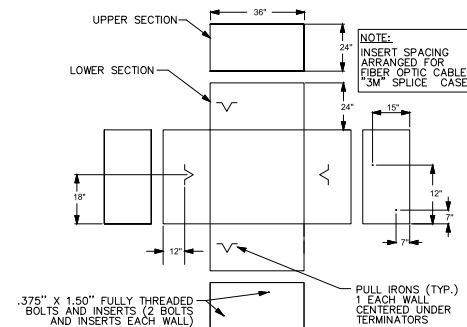
TYPICAL DETAIL "C"

TERMINATORS, SUMP, & GROUND ROD SLEEVE
2 SECTIONS



TYPICAL DETAIL "F"

BOLT INSERTS AND PULL IRONS
2 SECTIONS



NOTES:
VOID IN EXCAVATED AREAS TO BE BACKFILLED WITH SELECT MATERIAL.
BOTTOM OF EXCAVATED PIT TO BE BACKFILLED WITH 12" OF CRUSHED STONE (3/4" GRADE).
SHORING WILL BE REQUIRED.
ALL MANHOLES SHALL BE PLACED WITH COVER FLUSH WITH EXISTING GRADE

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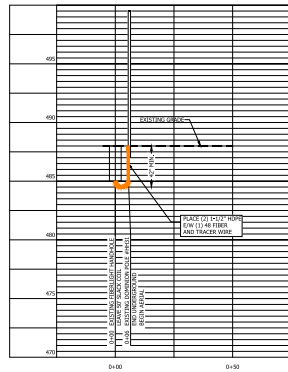
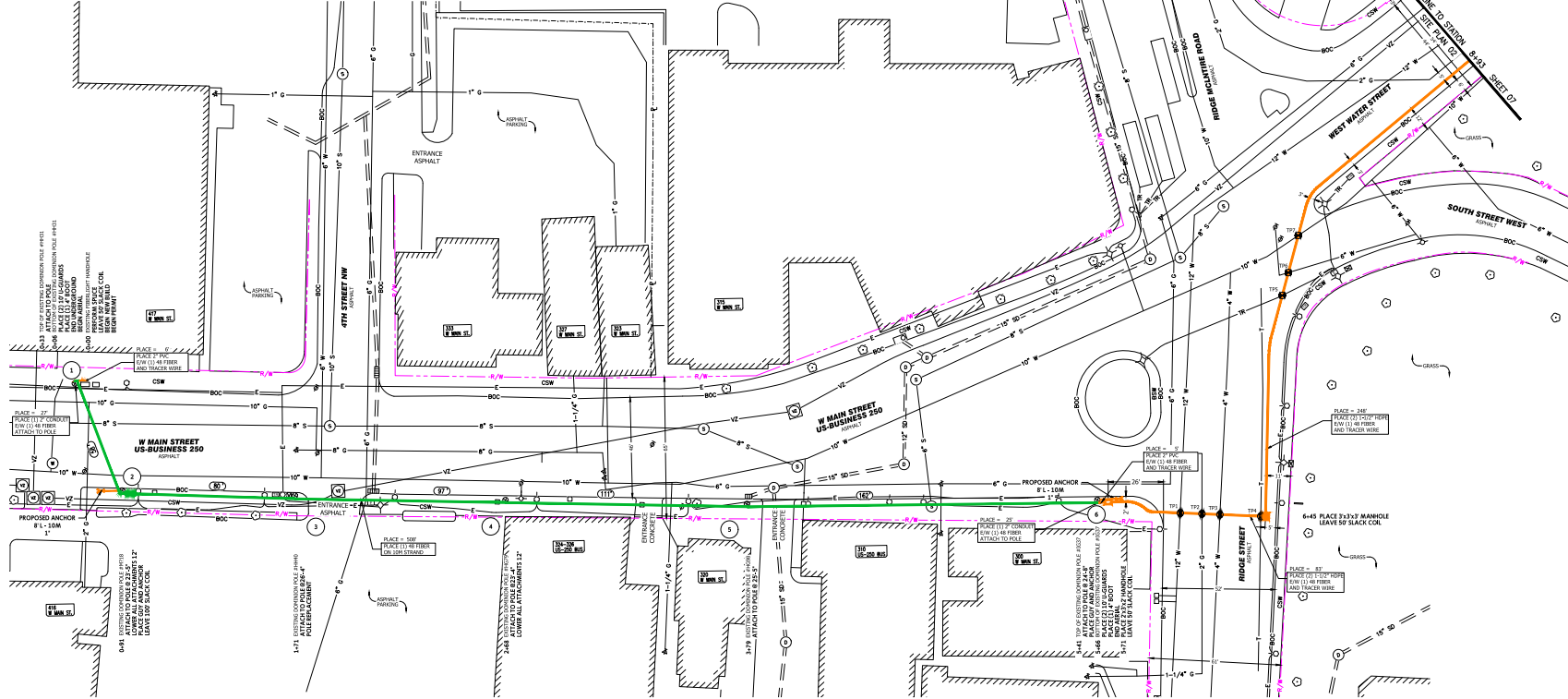


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UTILITY CONSULTING

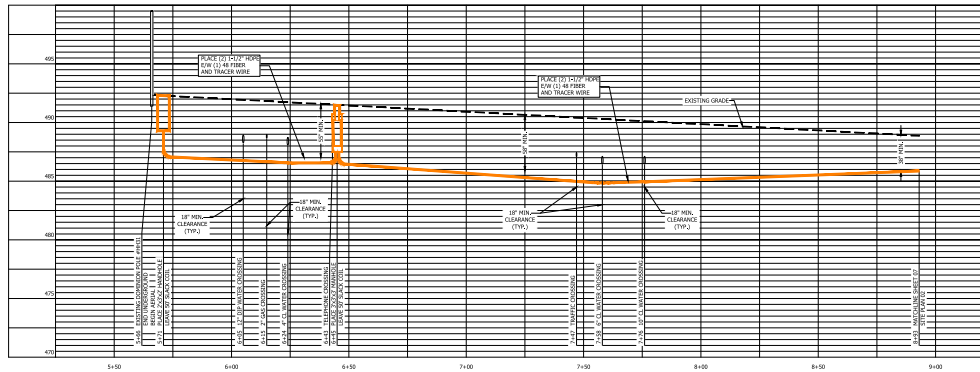
SHEET TITLE
MANHOLE DETAIL

SHEET 05 OF 07

CHARLOTTESVILLE, VA SITE PLAN - 01



PROFILE
SCALE: HORIZONTAL 1"=25'
VERTICAL 1"=5'



PROFILE
SCALE: HORIZONTAL 1"=25'
VERTICAL 1"=5'

CONSTRUCTION NOTE:
THE CONTRACTOR WILL NEED TO NOTIFY THE CITY OF CHARLOTTESVILLE
WHEN WORKING WITHIN THE CITY LIMITS.

CONSTRUCTION NOTE:
THE PERMIT HOLDER OR REPRESENTATIVE THERE OF SHALL BE
RESPONSIBLE TO REPAIR/RESTORE ALL STREETSCAPE ELEMENTS THAT ARE
DAMAGED AS A RESULT OF CONSTRUCTION. STREETSCAPE ELEMENTS
SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.



TEST PIT SCHEDULE			
NO.	UTILITY	STATION	DEPTH
TP1	12" DIP WATER	6+05	N/A
TP2	2" GAS	6+15	N/A
TP3	4" CL WATER	6+24	N/A
TP4	TELEPHONE	6+43	N/A
TP5	TRAFFIC	7+47	N/A
TP6	6" CL WATER	7+58	N/A
TP7	10" CL WATER	7+76	N/A



240 MAIN ST.
CHARLOTTESVILLE, VA.

ENGINEER:
C. GOODRICH
DRAFTER:
T. BOWEN
PERMITTING:
S. SMITH

DATE: 04/12/24

SCALE: 1"=25'

FILE #: 18399

SHEET SIZE: 24" x 36"

REVISION: 05



**PERMIT
FOR
CONSTRUCTION**

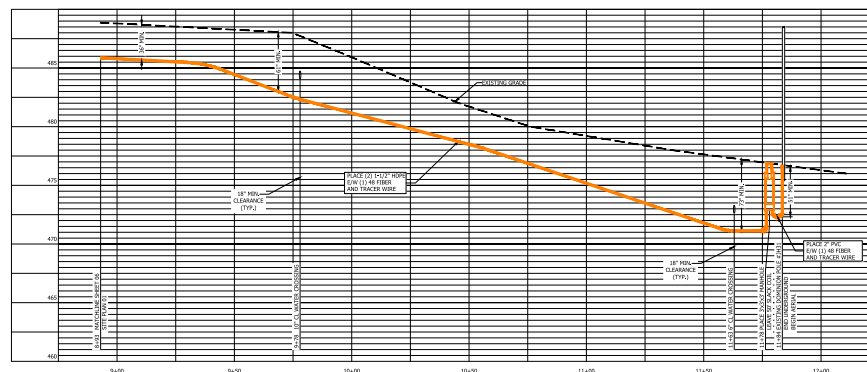
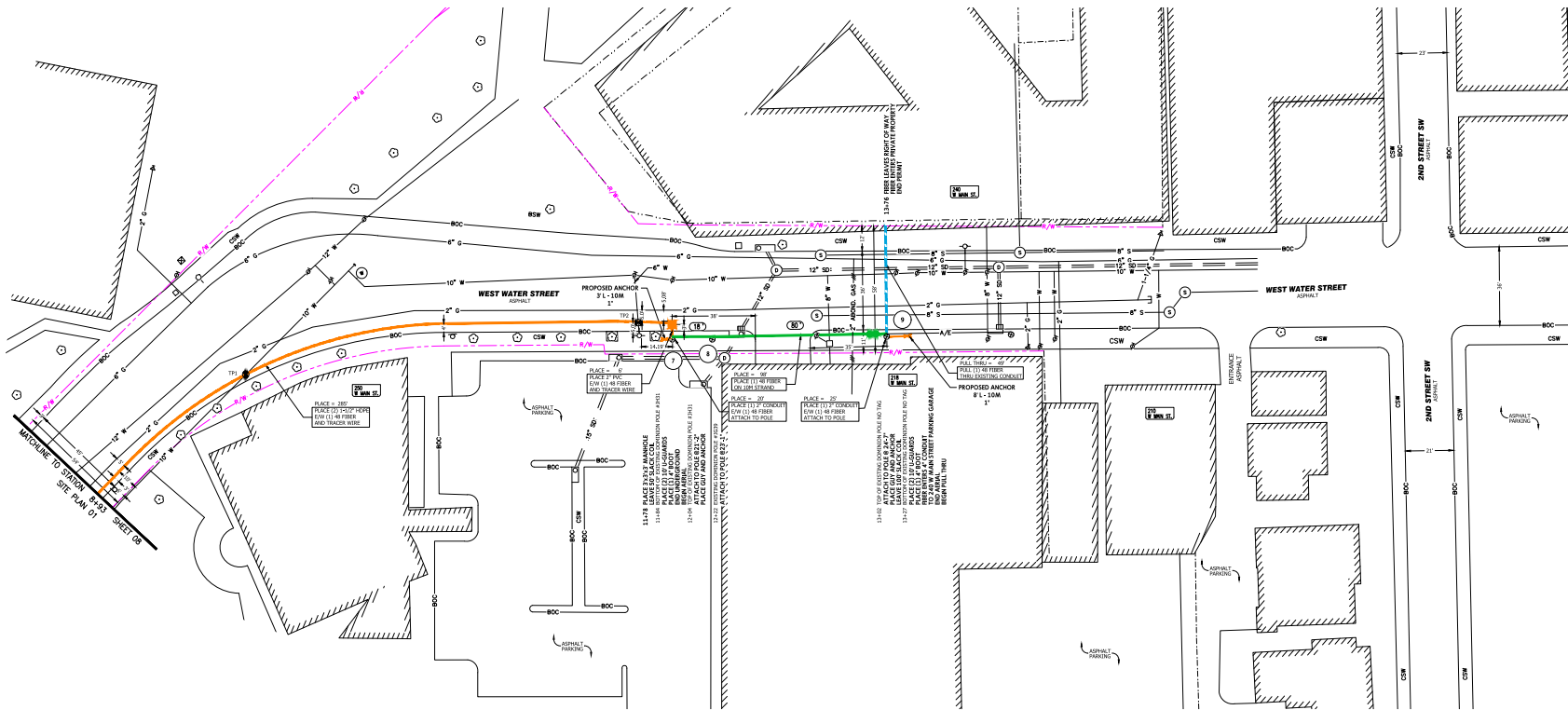


**CROWN FIBER
CASTLE**
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SHEET TITLE
SITE PLAN - 01

SHEET 06 OF 07

CHARLOTTESVILLE, VA
SITE PLAN - 02



PROFILE
SCALE: HORIZONTAL 1"=20'
VERTICAL 1"=2'



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SHEET SIZE: 24" x 36"

REVISION: 05



PERMIT
FOR
CONSTRUCTION



SHEET TITLE
SITE PLAN - 02

SHEET 07 OF 07