

ARLINGTON
VIRGINIA

ENGINEER
DEPARTMENT OF
ENVIRONMENTAL SERVICES

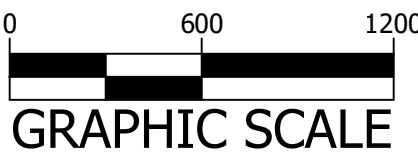
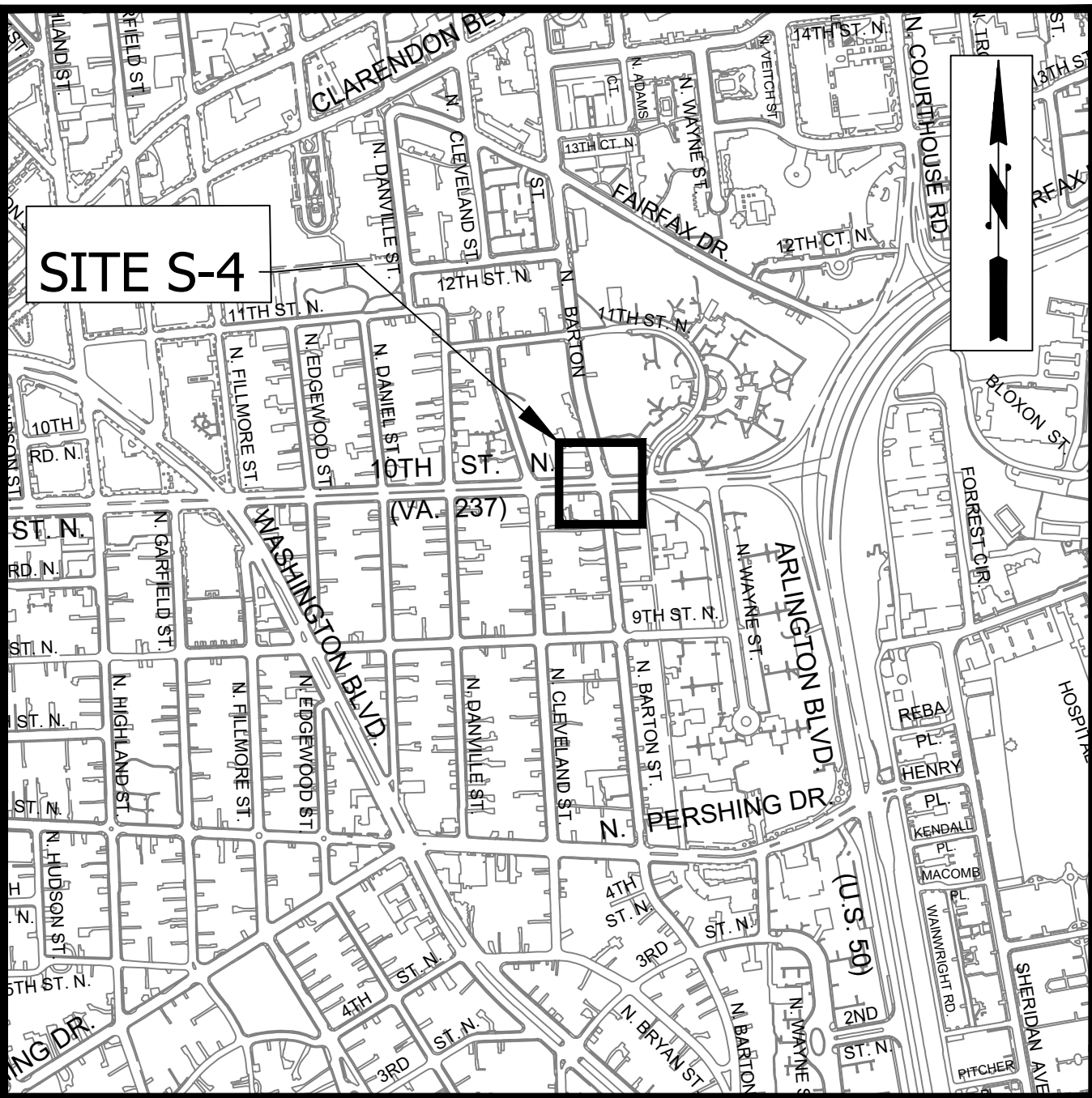
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 813
ARLINGTON, VA 22201
PHONE: 703.228.3629 FAX: 703.228.3606
WWW.ARLINGTONVA.US

OWNER
DES/DTD/PLAN

DIVISION OF TRANSPORTATION & DEVELOPMENT/
TRANSPORTATION PLANNING BUREAU
2100 CLARENDON BOULEVARD, SUITE 900,
ARLINGTON, VA 22201
PHONE: 703.228.6570 FAX: 703.228.3606
WWW.ARLINGTONVA.US

CONTRACTOR
TO BE DETERMINED

LOCATION MAP



CONSTRUCTION DRAWINGS FOR:
10TH ST. N. & N. BARTON ST.
INTERSECTION @ 10TH ST. N. & N. BARTON ST.
PROJECT NUMBER: P31D

GENERAL NOTES:

GENERAL CONSTRUCTION NOTES

- ALL CONSTRUCTION WORK FOR THIS PROJECT SHALL CONFORM TO THE ARLINGTON COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES, CONSTRUCTION STANDARDS AND SPECIFICATIONS, AND WHERE APPLICABLE THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) ROAD AND BRIDGE SPECIFICATIONS, AND ROAD AND BRIDGE STANDARDS. THE LATEST EDITIONS OF EACH RELEVANT MANUAL SHALL BE USED.
- ALL CONSTRUCTION AND WORK ACTIVITIES SHALL COMPLY WITH THE VIRGINIA WORK AREA PROTECTION MANUAL AND ALL OTHER RELEVANT WORK SAFETY REQUIREMENTS, LATEST EDITIONS.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE PROJECT OFFICER OF ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE APPROVED PLANS.
- THE CONTRACTOR SHALL CONTACT "MISS UTILITY" AT 811 FOR MARKING THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES (i.e. WATER, SEWER, GAS, TELEPHONE, ELECTRIC, AND CABLE TV) AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION OR CONSTRUCTION. THE CONTRACTOR IS REQUIRED TO IDENTIFY AND PROTECT ALL OTHER UTILITY LINES FOUND IN THE WORK SITE AREA BELONGING TO OTHER OWNERS THAT ARE NOT MEMBERS OF "MISS UTILITY". PRIVATE WATER, SEWER AND GAS LATERALS WILL NOT BE MARKED BY MISS UTILITY OR THE COUNTY. THE CONTRACTOR SHALL LOCATE AND PROTECT THESE SERVICES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE WORK AND SHALL RETAIN A PROFESSIONAL LAND SURVEYOR LICENSED IN THE COMMONWEALTH OF VIRGINIA TO PROVIDE ALL NECESSARY CONSTRUCTION LAYOUTS AND ESTABLISH ALL CONTROL LINES, GRADES, AND ELEVATION DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A COPY OF ALL CUT SHEETS FOR REVIEW, PER THE SPECIFICATIONS. THE COST OF ALL NECESSARY SURVEYING SERVICES SHALL BE CONSIDERED INCIDENTAL TO THE WORK AND, UNLESS OTHERWISE SPECIFIED, THE COST SHALL BE INCORPORATED INTO THE COSTS FOR RELEVANT ITEMS.
- THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM BEST AVAILABLE RECORDS AND SHALL BE CONSIDERED TO BE APPROXIMATE. WHEN CONSTRUCTION ACTIVITY REACHES IN PROXIMITY TO EXISTING UTILITIES, THE TRENCH(ES) SHALL BE OPENED A SUFFICIENT DISTANCE AHEAD OF THE WORK OR TEST PITS SHALL BE MADE TO VERIFY THE EXACT LOCATION AND INVERTS OF THE UTILITY TO ALLOW FOR POSSIBLE CHANGES IN THE LINE OR GRADE AS DIRECTED BY OFFICER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND THE RELATED STRUCTURES. ALL EXISTING UTILITY SYSTEMS SHALL BE PROTECTED TO PREVENT DAMAGE DURING THE CONTRACTOR'S OPERATIONS. ANY SYSTEM DAMAGED SHALL BE PROMPTLY REPAIRED AT NO COST TO THE OWNER.
- EXISTING MANHOLE FRAMES, COVERS, VALVE BOXES, AND OTHER APPURTENANCES SHALL BE ADJUSTED TO THE FINAL GRADE OR REPLACED, AS NECESSARY. UNLESS OTHERWISE SPECIFIED, THE COST FOR THIS SHALL BE CONSIDERED INCIDENTAL TO THE WORK, AND SHALL BE INCORPORATED INTO THE COSTS FOR RELEVANT ITEMS.
- THE CONTRACTOR SHALL PROVIDE ADA COMPLIANT ACCESS THROUGH OR AROUND THE SITE AT ALL TIMES AND SHALL ENSURE THE SAFETY OF ALL THOSE PASSING THROUGH OR ADJACENT TO THE SITE.
- ALL SIDEWALK AND CURB AND GUTTER DEMOLITION SHALL BEGIN AND END AT THE CONSTRUCTION JOINT NEAREST TO THE DEPICTED DEMOLITION EXTENTS WITH A NEAT SAWCUT LINE TO FULL DEPTH OF PAVEMENT SECTION.

STORMWATER AND ENVIRONMENTAL PROTECTION

- THE CONTRACTOR SHALL CONFINE ALL ACTIVITIES AT THE SITE ASSOCIATED WITH CONSTRUCTION ACTIVITIES, TO INCLUDE STORAGE OF EQUIPMENT AND OR MATERIALS, ACCESS TO THE WORK, FORMWORK, ETC. TO WITHIN THE DESIGNATED LIMITS OF DISTURBANCE (LOD).

TREE PROTECTION

- TREES SHALL BE PROTECTED PER THE REQUIREMENTS OF ARLINGTON PARKS & RECREATION STANDARD.

TRAFFIC CONTROL

- CONTRACTOR SHALL NOTIFY THE PROJECT OFFICER AT LEAST 3 WORKING DAYS PRIOR TO DISTURBING ANY EXISTING, OR INSTALLING ANY NEW, TRAFFIC SIGNS, SIGNALS, OR OTHER TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL PREMARK THE LAYOUT OF ANY PERMANENT TRAFFIC CONTROL STRIPING, INDICATING THE PROPOSED LOCATION AND TYPE OF MARKING TO BE INSTALLED. THE PREMARKING MAY CONSIST OF TYPE D TAPE, CHALK, OR LUMBER CRAYONS. THE CONTRACTOR SHALL ALLOW 3 WORKING DAYS FOR THE INSPECTION AND APPROVAL OF THE PREMARKINGS PRIOR TO PLACING THE PERMANENT MARKINGS.
- THE CONTRACTOR SHALL SUBMIT ANY REQUESTS FOR TEMPORARY "NO PARKING" RESTRICTIONS TO THE PROJECT OFFICER AT LEAST 5 BUSINESS DAYS PRIOR TO THE DESIRED ONSET OF RESTRICTIONS. PRIOR TO A REQUEST FOR THE REMOVAL OF ACCESS TO ANY ADA PARKING SPACE THE CONTRACTOR MUST HAVE MADE PROVISION FOR ALTERNATIVE ADA PARKING AS INDICATED ON THE APPROVED PLAN OR AS DIRECTED BY THE PROJECT OFFICER.
- WHEN THE APPROVED PLAN CALLS FOR THE REMOVAL OF ANY PARKING METER THE CONTRACTOR MUST MAKE A REQUEST TO THE PROJECT OFFICER AT LEAST ONE WEEK IN ADVANCE OF THE DESIRED REMOVAL. THE PROJECT OFFICER WILL THEN COORDINATE THE PARKING METER REMOVAL WITH TRAFFIC ENGINEERING AND OPERATIONS.
- THE CONTRACTOR SHALL PRESERVE ALL BUS STOPS, INCLUDING MAINTAINING ADEQUATE ACCESSIBILITY THROUGH AND ADJACENT TO THE CONSTRUCTION FOR BUSES AND THEIR PASSENGERS. THE CONTRACTOR SHALL NOT CLOSE, RELOCATE, OR OTHERWISE MODIFY A BUS STOP WITHOUT PRIOR REQUEST OF THE PROJECT OFFICER. ANY RELOCATION OR CLOSURE OF A BUS STOP SHALL REQUIRE AT LEAST FOUR WEEKS ADVANCE NOTICE FOR COORDINATION WITH THE COUNTY'S BUS STOP COORDINATOR - 703-228-3049.
- WHEN CONDITIONS WARRANT DUE TO TRAFFIC VOLUMES, PATTERNS, OR SPECIAL EVENTS, THE COUNTY MAY SUSPEND OR OTHERWISE DIRECT THE CONTRACTOR'S ACTIVITIES TO PROTECT THE PUBLIC AND OR THE COUNTY'S TRANSPORTATION NETWORK.

WATER DISTRIBUTION, STORM AND SANITARY SEWER SYSTEMS

- UNLESS OTHERWISE DIRECTED, CONTRACTORS ARE EXPRESSLY PROHIBITED FROM OPERATING ANY WATER VALVES OR APPURTENANCES. CONTRACTORS SHALL SUBMIT ALL REQUESTS FOR VALVE OPERATIONS TO THE PROJECT OFFICER AT LEAST 1 WEEK IN ADVANCE OF THE REQUIRED OPERATION.
- IN THE EVENT OF A WATER OR SEWER EMERGENCY, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE COUNTY'S WATER CONTROL CENTER AT 703-228-6555 AND THE PROJECT OFFICER.
- THE CONTRACTOR SHALL COORDINATE ALL UTILITY SHUTOFFS, DISCONNECTS, AND/OR ABANDONMENT WITH UTILITY OWNER AND PROJECT OFFICER AT LEAST 1 WEEK IN ADVANCE OF THE REQUIRED INTERRUPTION.

FIRE DEPARTMENT NOTES:

- ALL EXISTING FIRE HYDRANTS AND FIRE DEPARTMENT CONNECTIONS SHALL BE MAINTAINED UNOBSTRUCTED AND ACCESSIBLE AT ALL TIMES IN ACCORDANCE WITH SECTIONS 508.5.4 AND 508.5.5 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE.
- ACCESS TO BUILDINGS FOR FIREFIGHTING SHALL BE MAINTAINED AT ALL TIMES. EXISTING FIRE APPARATUS ACCESS ROADS (FIRE LANES) SHALL BE KEPT CLEAR OF OBSTRUCTIONS IN ACCORDANCE WITH SECTION 503.4 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE. ACCESS TO CONSTRUCTION SITES SHALL BE PROVIDED AND MAINTAINED IN ACCORDANCE WITH SECTION 1410 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE.
- IN THE EVENT THAT EXISTING FIRE DEPARTMENT CONNECTIONS OR FIRE APPARATUS ACCESS ROADS (FIRE LANES) MUST BE OBSTRUCTED TO FACILITATE CONSTRUCTION ACTIVITIES, CONTACT THE ARLINGTON COUNTY FIRE DEPARTMENT FIRE PREVENTION OFFICE AT 703-228-4644 TO COORDINATE REVIEW AND APPROVAL OF TEMPORARY FIRE DEPARTMENT CONNECTIONS AND/OR FIRE APPARATUS ACCESS ROADS PRIOR TO CREATING THE OBSTRUCTION.

Table of Contents

Sheet Number	Sheet Title
C000.1	COVER
C000.2	VDOT COVER
C002.1	DETAILS
C004.1	TYPICAL SECTIONS
C006.1	LEGEND
C011.1	EXISTING CONDITIONS PLAN
C021.1	DEMOLITION PLAN
C031.1	EROSION AND SEDIMENT CONTROL PLAN
C041.1	PLAN AND PROFILE
C042.1	RAMP DETAILS
C044.1	CROSS-SECTIONS
C045.1	GEOMETRIC CONTROL PLAN
C101.1	SIGN AND MARKING PLAN
C121.1	MAINTENANCE OF TRAFFIC PLAN
C122.1	MAINTENANCE OF TRAFFIC NOTES & DETAILS

VDOT PROJECT # EN18-000-880

UPC # 113868

LOCALITY PROJECT # P31D

SWM# N/A

ADT

10,000 - VPD 10TH STREET N. 2020 - TE & O
5,500 - VPD N. BARTON ST. 2020 - TE & O

STREET CLASSIFICATION

PRINCIPAL ARTERAL 10TH STREET N. 25 MPH
NEIGHBORHOOD PRINCIPAL N. BARTON ST. 25 MPH MAINTAINING AGENCY : ARLINGTON COUNTY

POSTED SPEED

25 MPH - 10TH STREET N.
25 MPH - N. BARTON ST.

2011 AASHTO CITY BUS



ARLINGTON
VIRGINIA

DEPARTMENT OF
ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 813
ARLINGTON, VA 22201
PHONE: 703.228.3629
FAX: 703.228.3606

COPYRIGHT © 2021 ARLINGTON COUNTY
VIRGINIA - ALL RIGHTS RESERVED

SEAL



APPROVALS	DATE
<i>Amy Pflaum</i> QUALITY CONTROL ENGINEER	10/24/22
<i>[Signature]</i> CONSTRUCTION MANAGEMENT SUPERVISOR	11/22/22
<i>[Signature]</i> WATER, SEWER, STREETS BUREAU CHIEF	10/24/22
<i>Dennis M. Leach</i> TRANSPORTATION DIRECTOR	11/07/22
<i>[Signature]</i> PROJECT MANAGER	10/26/22

REVISIONS	DATE

10TH ST. N. & N. BARTON ST.
P31D

INTERSECTION @ 10TH ST. N. & N. BARTON ST.

COVER

DESIGNED: K.PATEL
DRAWN: K. PATEL
CHECKED: Z. DRAGACEVAC

PLOTTED: MARCH 2 2023

SCALE:

C000.1

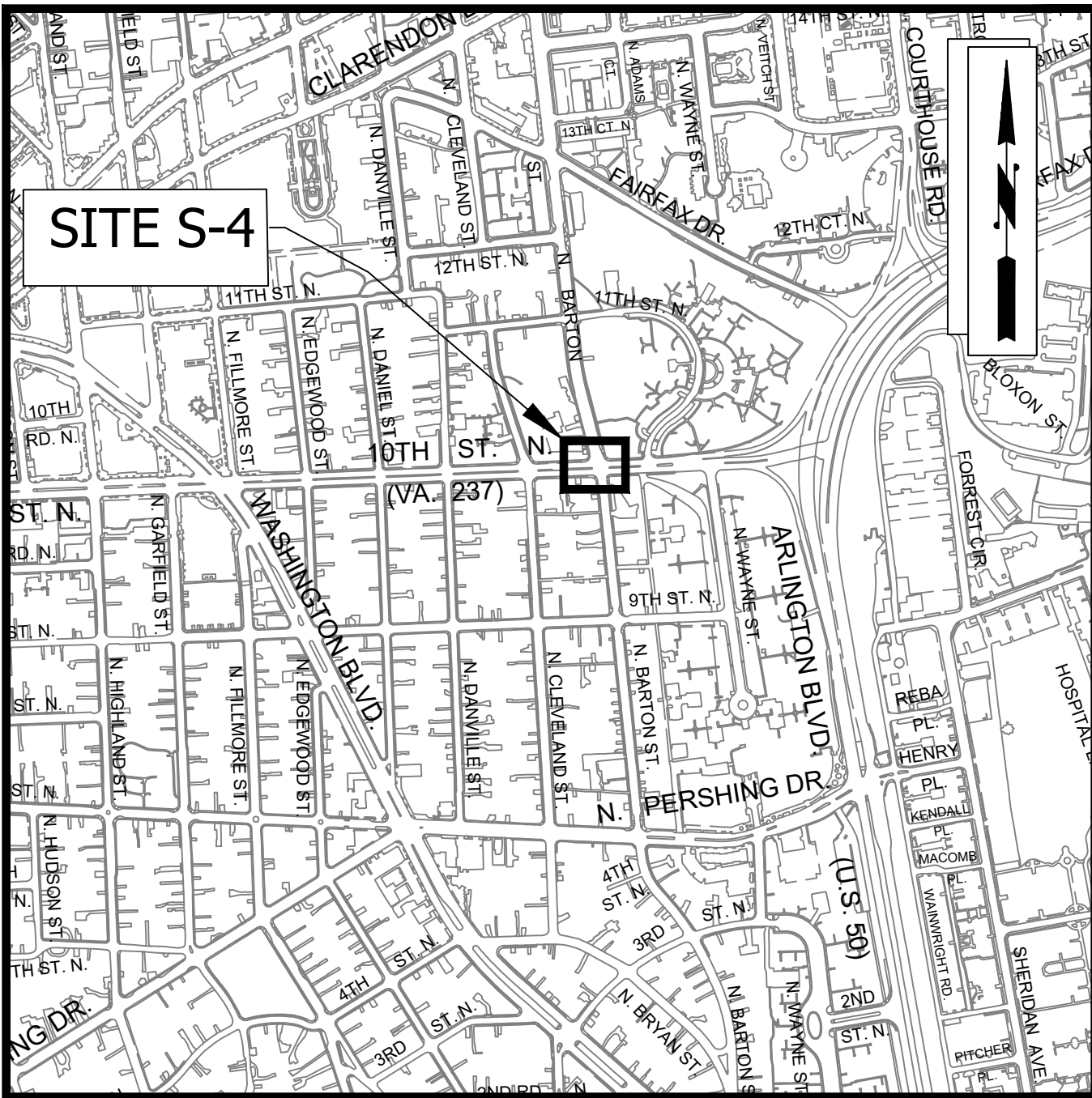
THIS PROJECT WAS DEVELOPED UTILIZING THE ARLINGTON COUNTY DES DESIGN PACKAGE (AUTOCAD CIVIL3D 2020).
PROJECT UPC: 113868
ARLINGTON COUNTY STORMWATER MANAGEMENT #: SWM XX-XXXX
ARLINGTON COUNTY LAND DEVELOPMENT APPLICATION #: LDAXXXX
ARLINGTON COUNTY BOARD APPROVAL DATE: N/A
ARLINGTON COUNTY PROGRAM OWNER: Transportation Planning Bureau

ARLINGTON
VIRGINIA

CONSTRUCTION DRAWINGS FOR:
10TH ST. N. & N. BARTON ST.
INTERSECTION @ 10TH ST. N. & N. BARTON ST.

PROJECT NUMBER: P31D
UPC NUMBER: 113868

LOCATION MAP



Sheet List Table

SHEET NUMBER	SHEET TITLE
C000.2	VDOT COVER
C002.1	DETAILS
C004.1	TYPICAL SECTIONS
C006.1	LEGEND
C011.1	EXISTING CONDITIONS PLAN
C021.1	DEMOLITION PLAN
C031.1	EROSION AND SEDIMENT CONTROL PLAN
C041.1	PLAN AND PROFILE
C042.1	RAMP DETAILS
C044.1	CROSS-SECTIONS
C045.1	GEOMETRIC CONTROL PLAN
C101.1	SIGN AND MARKING PLAN
C121.1	MAINTENANCE OF TRAFFIC PLAN
C122.1	MAINTENANCE OF TRAFFIC NOTES & DETAILS
C200.1	TURNING MOVEMENT EXHIBIT
C200.2	TURNING MOVEMENT EXHIBIT

THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY AS AWARDED, INCLUDING ALL SUBSEQUENT REVISIONS, WILL BE THE OFFICIAL CONSTRUCTION PLANS. FOR INFORMATION RELATIVE TO ELECTRONIC FILES AND LAYERED PLANS, SEE GENERAL NOTES.

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT.

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT'S 2020 ROAD AND BRIDGE SPECIFICATIONS, 2016 ROAD AND BRIDGE STANDARDS, 2009 MUTCD, 2011 VIRGINIA SUPPLEMENT TO THE MUTCD, 2011 VIRGINIA WORK AREA PROTECTION MANUAL REV 2 (2019), ARLINGTON COUNTY STANDARDS AND SPECIFICATIONS, AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.

THE ORIGINAL APPROVED TITLE SHEET(S), INCLUDING ORIGINAL SIGNATURES, IS FILED IN THE VDOT CENTRAL OFFICE PLAN LIBRARY. ANY MISUSE OF ELECTRONIC FILES, INCLUDING SCANNED SIGNATURES, IS ILLEGAL AND ENFORCED TO THE FULL EXTENT OF THE LAW.

ALL CONSTRUCTION IS TO BE PERFORMED WITHIN THE EXISTING RIGHT OF THE WAY.

POPULATION: ARLINGTON COUNTY 207,627 (2010 CENSUS)											
STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)		BRIDGE PLAN NO.	TYPE PROJECT	DESCRIPTION
					FEET	MILES	FEET	MILES			
EN18-000-880	P101	FHWA-5B01(074)	PENG	113868	450	0.085	450	0.085		PRELIMINARY ENGINEERING	INTERSECTION IMPROVEMENTS

NOTE: PROJECT LENGTH BASED ON ROADWAY CENTERLINE

FHWA 534 DATA: 43128

STATE	FEDERAL AID	STATE		SHEET NO.
	PROJECT	ROUTE	PROJECT	
VA	FHWA-5B01 (---)	N/A	EN18-000-880	1
	SEE TABULATION BELOW FOR SECTION NUMBER			

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA

ROADWAY	NEIGHBORHOOD PRINCIPAL	URBAN PRINCIPAL ARTERIALS	
	N. BARTON ST.	10TH ST N.	
POSTED V (MPH)	25	25	
ADT (2020)	10,000	5,500	

MAINTAINING AGENCY : ARLINGTON COUNTY



ARLINGTON VIRGINIA

DEPARTMENT OF ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 813
ARLINGTON, VA 22201
PHONE: 703.228.3629
FAX: 703.228.3606

COPYRIGHT © 2021 ARLINGTON COUNTY VIRGINIA - ALL RIGHTS RESERVED

SEAL



APPROVALS

APPROVALS	DATE
<i>Amy Pflaum</i> QUALITY CONTROL ENGINEER	10/24/22
<i>[Signature]</i> CONSTRUCTION MANAGEMENT SUPERVISOR	11/22/22
<i>[Signature]</i> WATER, SEWER, STREETS BUREAU CHIEF	10/24/22
<i>Dennis M. Leach</i> TRANSPORTATION DIRECTOR	11/07/22
<i>[Signature]</i> PROJECT MANAGER	10/26/22

REVISIONS	DATE

TIER 1 PROJECT	
LOCALLY ADMINISTRATED PROJECTS	
NAME OF LOCALITY	
NAME OF RESPONSIBLE LOCAL OFFICIAL (TYPE)	
RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION	
DATE	DISTRICT PLANNING AND INVESTMENT MANAGER
NAME OF RESPONSIBLE LOCAL GOVERNMENT OFFICIAL (TYPE)	
RECOMMENDED FOR APPROVAL FOR CONSTRUCTION	
DATE	TITLE OF POSITION

10TH ST. N. & N. BARTON ST.
P31D

INTERSECTION @ 10TH ST. N. & N. BARTON ST.

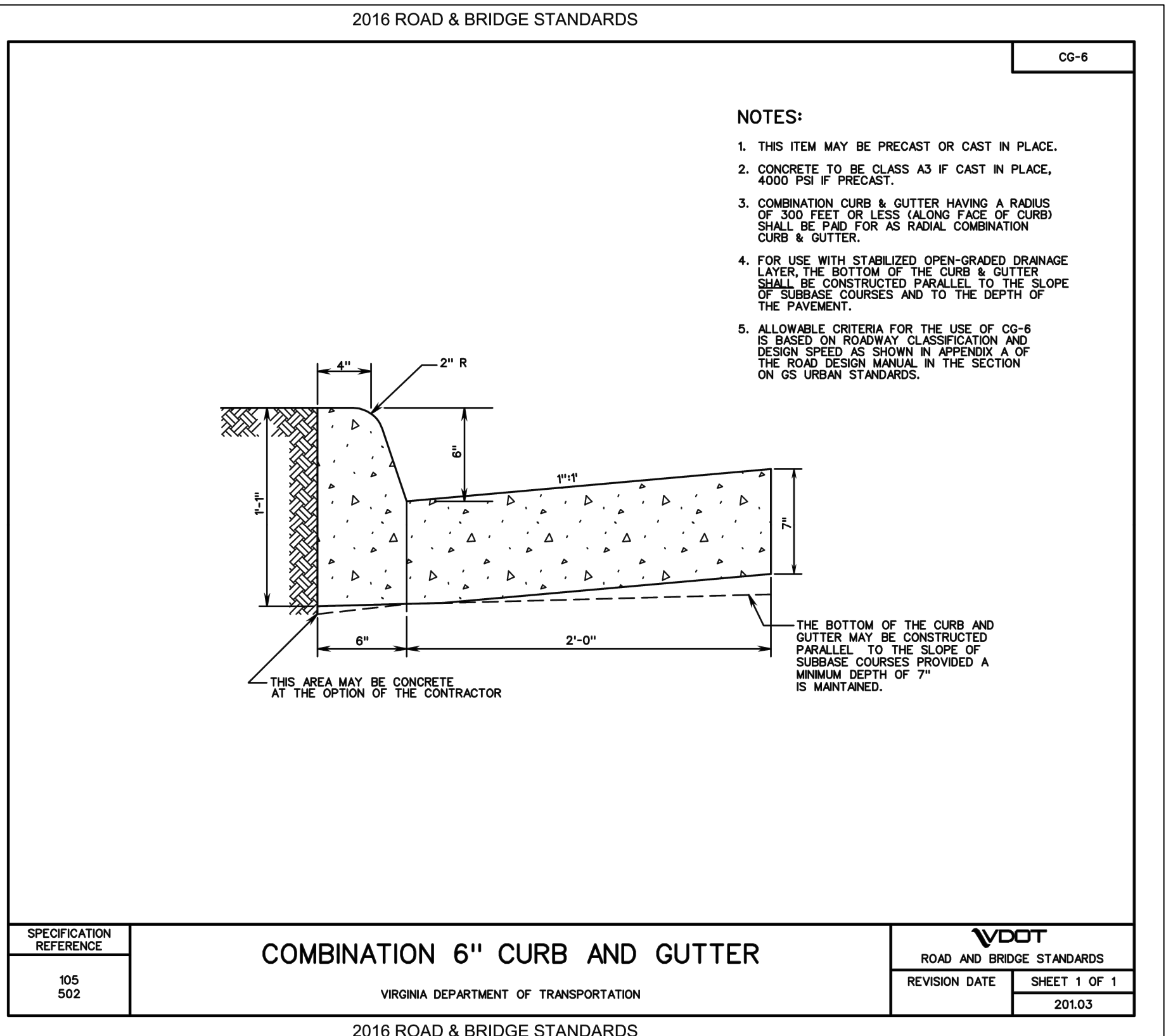
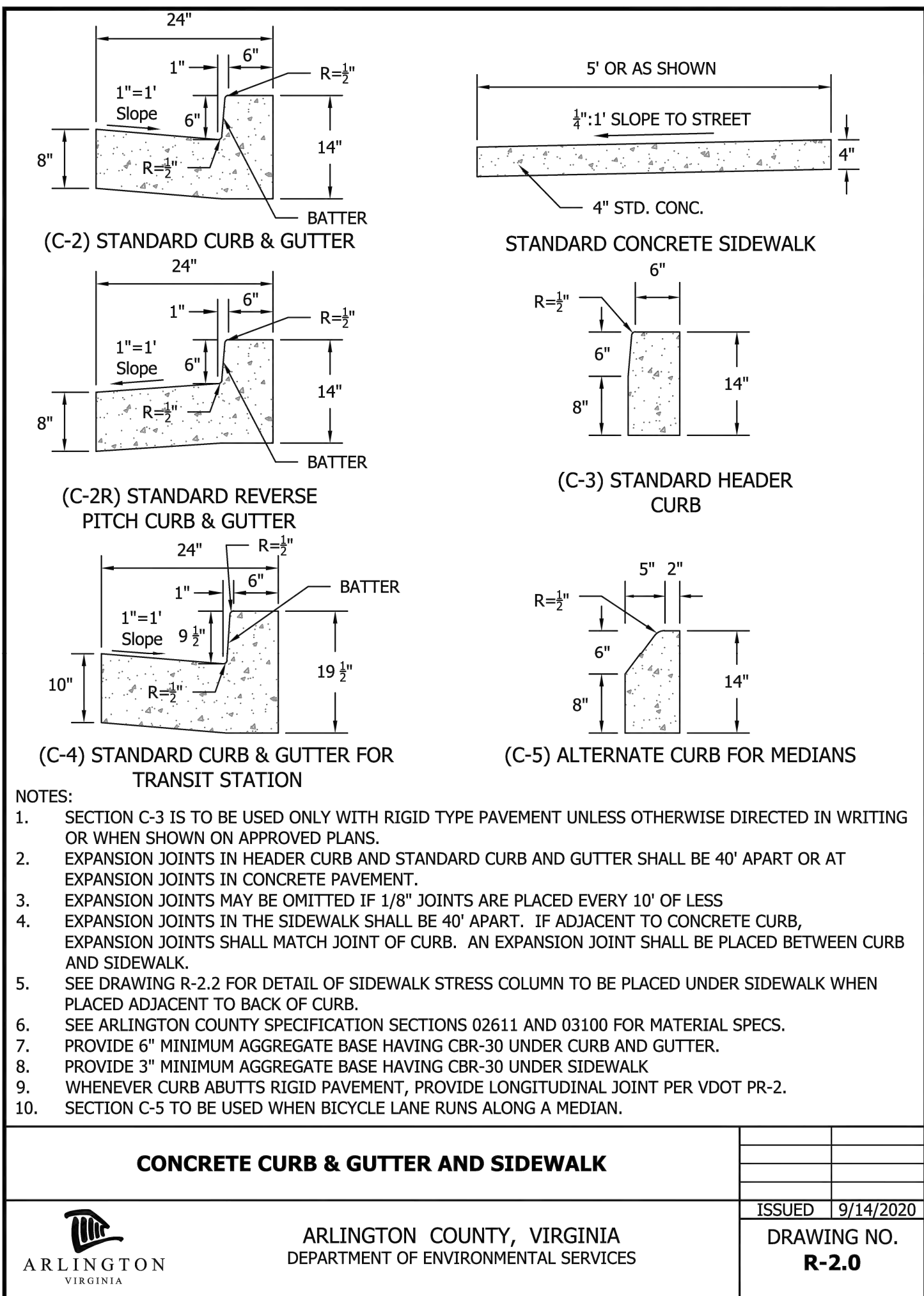
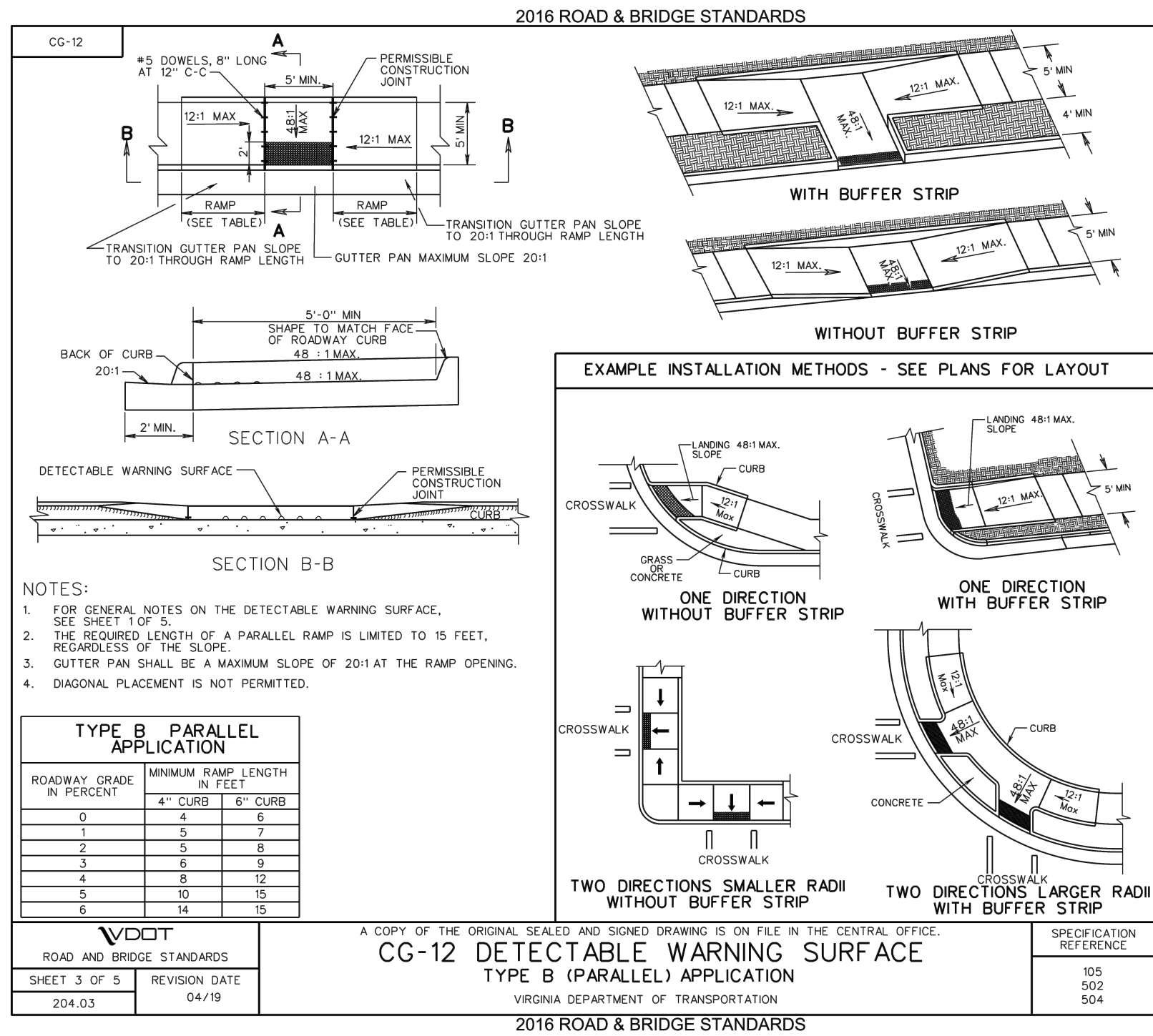
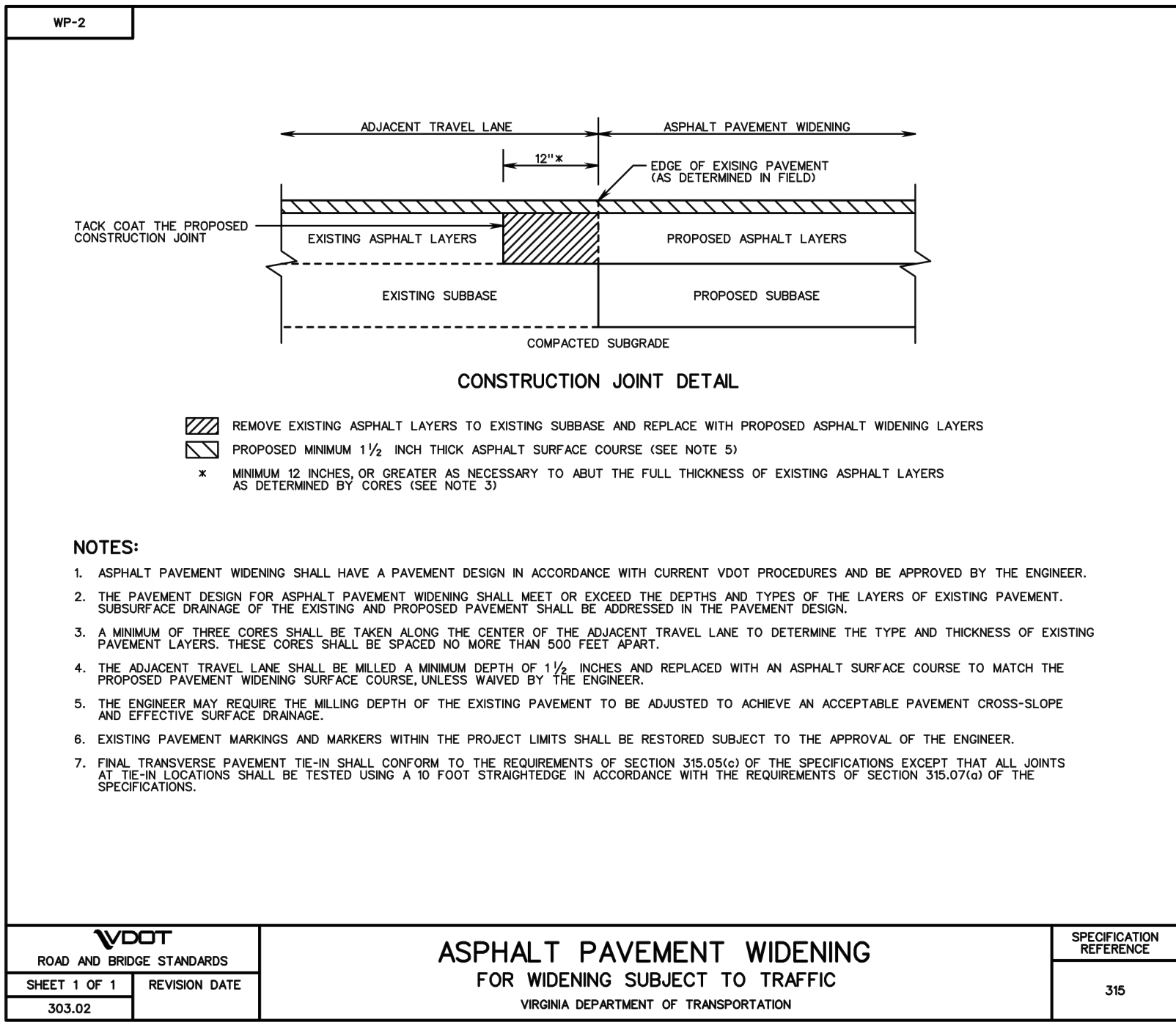
VDOT COVER

DESIGNED: K.PATEL
DRAWN: K. PATEL
CHECKED: Z. DRAGACEVAC
PLOTTED: MARCH 2 2023

SCALE:

SWM #XX-XXXX

C000.2



APPROVALS	DATE
<i>Amey Pflaum</i> QUALITY CONTROL ENGINEER	10/24/22
<i>[Signature]</i> CONSTRUCTION MANAGEMENT SUPERVISOR	11/22/22
<i>[Signature]</i> WATER, SEWER, STREETS BUREAU CHIEF	10/24/22
<i>Dennis M. Leach</i> TRANSPORTATION DIRECTOR	11/07/22
<i>[Signature]</i> PROJECT MANAGER	10/26/22

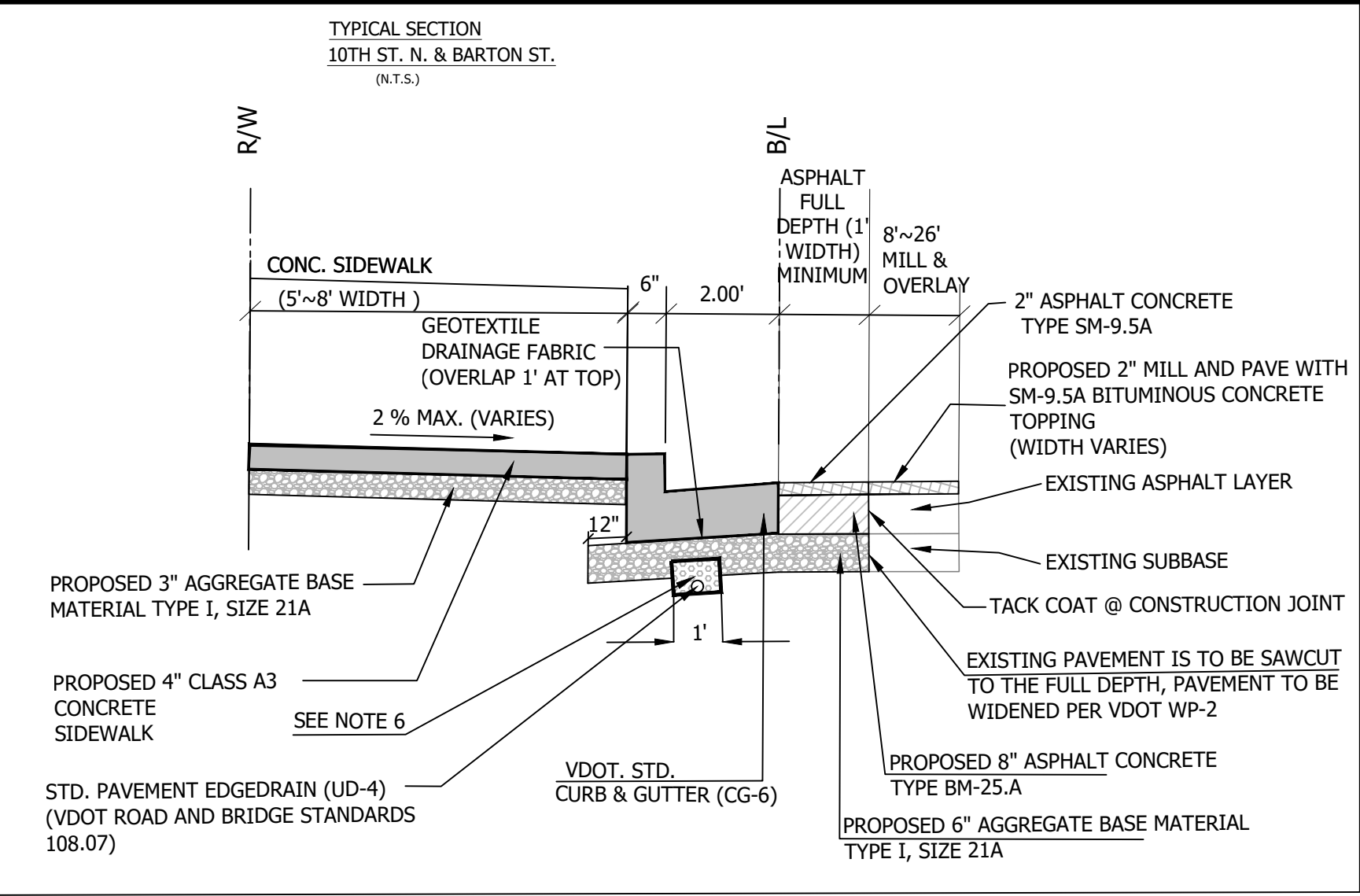
REVISIONS	DATE

10TH ST. N. & N. BARTON ST. P31D	DETAILS
INTERSECTION @ 10TH ST. N. & N. BARTON ST.	

DESIGNED: K.PATEL
DRAWN: K. PATEL
CHECKED: Z. DRAGACEVAC
PLOTTED: MARCH 2 2023

SCALE:

AS SHOWN



- NOTES:
- ALL PAVEMENTS SHALL BE WIDENED IN ACCORDANCE WITH VDOT STANDARD WP-2. PROPOSED FULL DEPTH PAVEMENT REPLACEMENT SHALL MATCH EXISTING PAVEMENT IN ACCORDANCE WITH VDOT STANDARD WP-2.
 - AGGREGATE SUBBASE THICKNESS BENEATH THE WIDENED PAVEMENT SHALL BE AS INDICATED (6 INCHES) ON THIS SHEET OR MATCH THE EXISTING AGGREGATE BASE MATERIAL, WHICHEVER IS GREATER.
 - PROVIDE 1' WIDE GRADING BENCH BEHIND PROPOSED SIDEWALKS WHEN SPACE ALLOWS.
 - AS INDICATED IN TYPICAL SECTIONS, THE SUBBASE 21-B SHALL BE CONNECTED TO A VDOT STANDARDS UD-4 EDGE DRAIN LOCATED BENEATH THE PROPOSED CURB AND GUTTER, TO BE SECURELY CONNECTED TO OUTFALL AT AN ADJACENT DRAINAGE STRUCTURE.
 - THE ADJACENT TRAVEL LANE SHALL BE MILLED TO A DEPTH OF 2" AND REPLACED WITH 2" ASPHALT CONCRETE TYPE SM-9.5A.
 - 4" MINIMUM, PROVIDED ATTAINING MINIMUM 4" OF AGGREGATE ON TOP OF THE EDGEDRAIN.

BL EOP CR 1

TYPICAL SECTION
STA. -0+25 TO 0+50
SCALE: NTS



ARLINGTON
VIRGINIA

DEPARTMENT OF
ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 813
ARLINGTON, VA 22201
PHONE: 703.228.3629
FAX: 703.228.3606

COPYRIGHT © 2021 ARLINGTON COUNTY
VIRGINIA - ALL RIGHTS RESERVED

SEAL



APPROVALS DATE

<i>Amy Pflaum</i> QUALITY CONTROL ENGINEER	10/24/22
<i>AS</i> CONSTRUCTION MANAGEMENT SUPERVISOR	11/22/22
<i>AS</i> WATER, SEWER, STREETS BUREAU CHIEF	10/24/22
<i>Dennis M. Leach</i> TRANSPORTATION DIRECTOR	11/07/22
<i>AS</i> PROJECT MANAGER	10/26/22

REVISIONS DATE

10TH ST. N. & N. BARTON ST.
P31D
INTERSECTION @ 10TH ST. N. & N. BARTON ST.
TYPICAL SECTIONS

DESIGNED: K.PATEL
DRAWN: K. PATEL
CHECKED: Z. DRAGACEVAC
PLOTTED: MARCH 2 2023

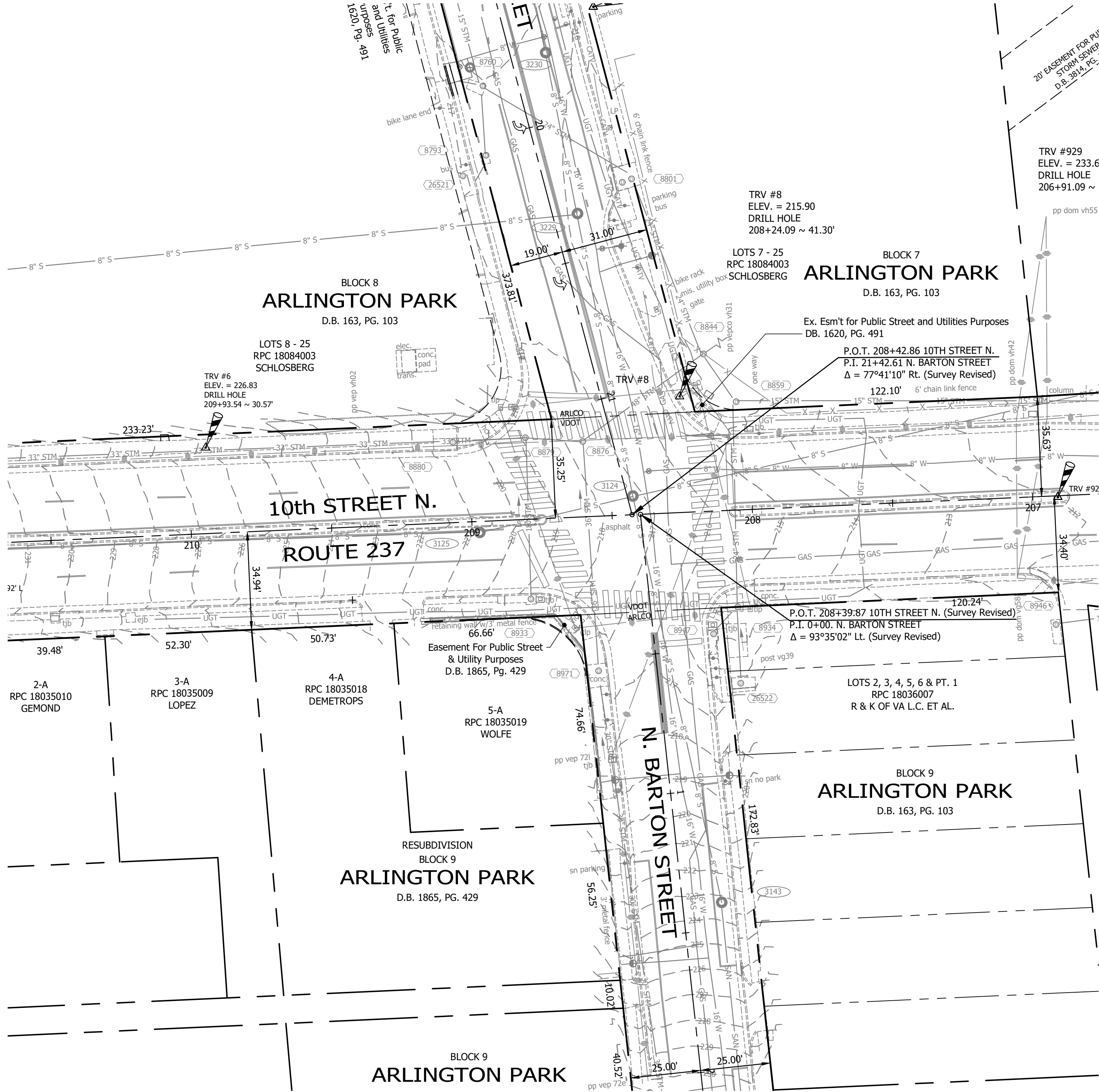
SCALE:

AS SHOWN

C004.1

SYMBOL LEGEND			
EXISTING FEATURE		PROPOSED FEATURE	
EX CABLE PEDESTAL			
EX ELECTRIC BOX			
EX FIRE HYDRANT		PROP FIRE HYDRANT	
EX GAS VALVE		PROP GAS VALVE	
EX GROUND LIGHT			
EX GUY WIRES			
EX IRON PIPE OR PIN			
EX LIGHT POLE		PROP LIGHT POLE	
EX MAILBOX			
EX MONUMENT			
EX PARKING METER			
EX PAY STATION		PROP PAY STATION	
EX SANITARY MANHOLE		PROP SANITARY MANHOLE	
EX STORM BASIN		PROP STORM CATCH BASIN (TO SCALE)	
EX STORM MANHOLE		PROP STORM MANHOLE	
EX TELEPHONE PEDESTAL			
EX TRAFFIC CONTROL BOX			
EX TRAFFIC SIGN		PROP TRAFFIC SIGN	
EX TRASH CAN		PROP TRASH CAN	
EX TRAVERSE			
EX TREES, WOODED AREA		PROPOSED TREE	
		PROPOSED TREE REMOVAL	
EX UTILITY MANHOLE TYPE INDICATED ELEC, TELE, ETC			
EX UTILITY POLE		PROP UTILITY POLE	
EX WATER MANHOLE		PROP WATER MANHOLE	
EX WATER METER		PROP WATER METER	
EX WATER VALVE		PROP WATER VALVE	
EX YARD INLET		PROP YARD INLET (TO SCALE)	
EX BENCHMARK		CONSTRUCTION NOTES (LEADER TO AREA AFFECTED)	
		DETAIL NUMBER (SEE NOTE)	
NORTH ARROW		CURVE NUMBER (SEE CURVE TABLE)	
		LINE NUMBER (SEE LINE TABLE)	
		TEST HOLE	

[illegible]



CONTROL DATA:

GPS SATELLITE DATA WAS COLLECTED FOR POINTS 6 & 8 ON 02/2014.

POINT #	NORTHING	EASTING	ELEV.	DESC.
6	7008314.1894	11884755.8469	226.83	DRILL HOLE
8	7008332.4366	11884924.6565	215.90	DRILL HOLE
100	7008471.2683	11884893.8912	216.83	DRILL HOLE
921	7008296.6052	11885059.3816	212.46	DRILL HOLE
929	7008246.2296	11884656.6490	233.66	DRILL HOLE
930	7008589.5590	11884812.3872	226.69	PK NAIL
3042	7008064.4375	11884922.6544	232.57	BRICK NAIL

NOTE:

- UNDERGROUND UTILITIES WERE DESIGNATED BY MID-ATLANTIC UTILITY LOCATING ON 10/11/2016 AND LOCATED BY ARLINGTON COUNTY SURVEYORS ON 10/17/2016.
- DIAMETER OF WATER LINES & SANITARY SEWER PIPES ARE SHOWN PER ARLINGTON COUNTY RECORDS.

GENERAL SURVEY NOTES:

- THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF THE COUNTY SURVEY SECTION FROM AN ACTUAL GROUND SURVEY; THE IMAGE AND/OR ORIGINAL DATA WAS OBTAINED FROM 10/2016 TO 12/2016; AND THIS PLAT, MAP OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.
- HORIZONTAL DATUM: VIRGINIA COORDINATE SYSTEM 1983.
- VERTICAL DATUM: NORTH AMERICA VERTICAL DATUM 1988.
- CONTOUR INTERVAL: 1'
- BOUNDARY INFORMATION SHOWN HEREON WAS COMPILED FROM EXISTING LAND RECORDS AND DOES NOT REPRESENT A FIELD RUN BOUNDARY SURVEY.

ARLINGTON VIRGINIA

DEPARTMENT OF ENVIRONMENTAL SERVICES

FACILITIES & ENGINEERING DIVISION

ENGINEERING BUREAU

2100 CLARENDON BOULEVARD, SUITE 813

ARLINGTON, VA 22201

PHONE: 703.228.3629

FAX: 703.228.3606

COPYRIGHT © 2021 ARLINGTON COUNTY VIRGINIA - ALL RIGHTS RESERVED

SEAL

APPROVALS

DATE

Amey Pflaum

10/24/22

QUALITY CONTROL ENGINEER

11/22/22

CONSTRUCTION MANAGEMENT SUPERVISOR

10/24/22

WATER, SEWER, STREETS BUREAU CHIEF

11/07/22

TRANSPORTATION DIRECTOR

10/26/22

PROJECT MANAGER

REVISIONS	DATE

10TH ST. N. & N. BARTON ST.

P31D

INTERSECTION @ 10TH ST. N. & N. BARTON ST.

EXISTING CONDITIONS PLAN

DESIGNED: K.PATEL

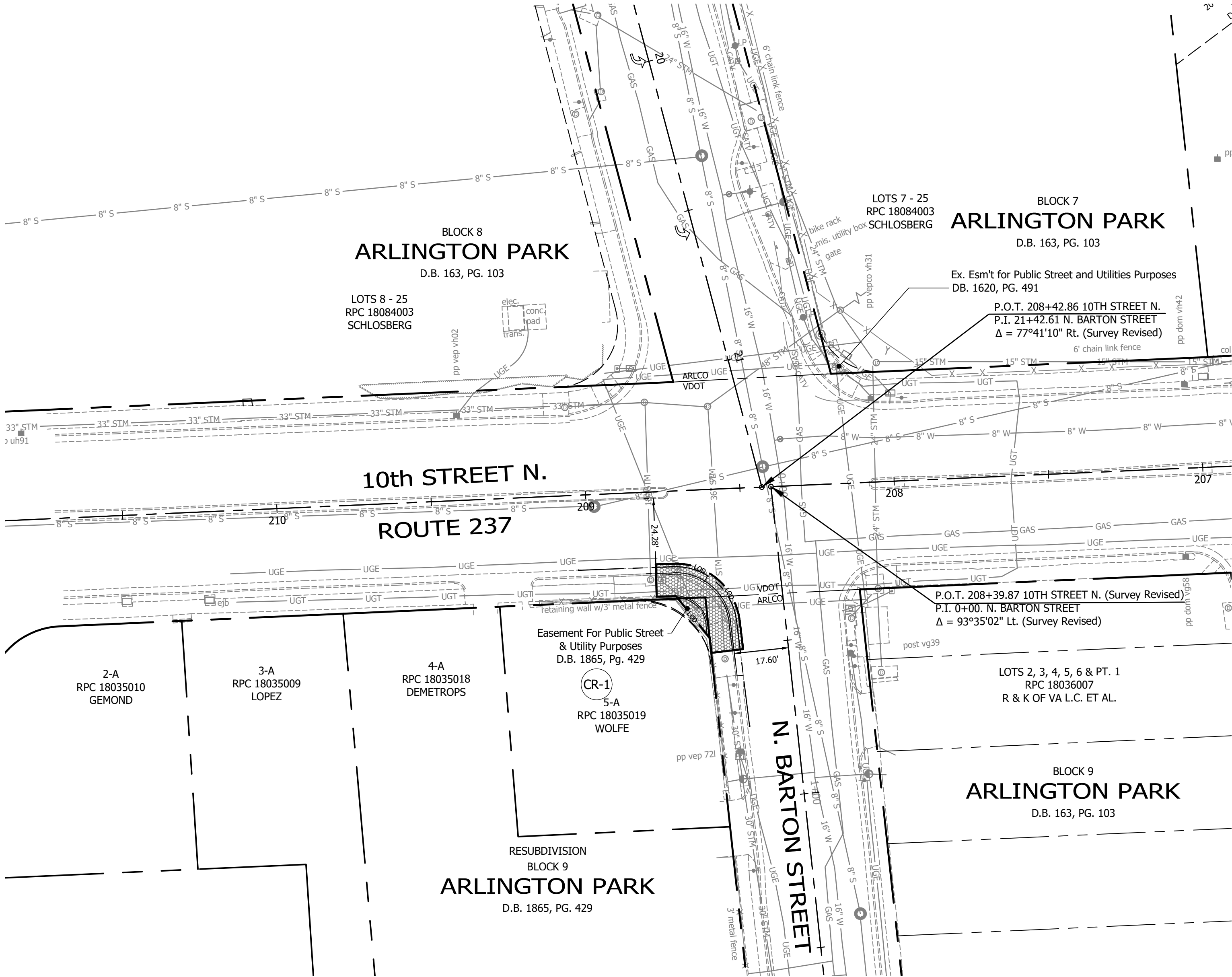
DRAWN: K. PATEL

CHECKED: Z. DRAGACEVAC

PLOTTED: MARCH 2 2023

SCALE:

GRAPHIC SCALE



ARLINGTON VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL SERVICES
 FACILITIES & ENGINEERING DIVISION
 ENGINEERING BUREAU
 2100 CLARENDON BOULEVARD, SUITE 813
 ARLINGTON, VA 22201
 PHONE: 703.228.3629
 FAX: 703.228.3606
 COPYRIGHT © 2021 ARLINGTON COUNTY VIRGINIA - ALL RIGHTS RESERVED

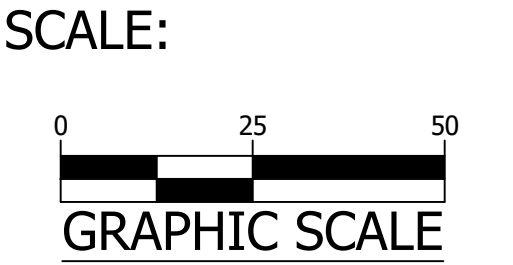


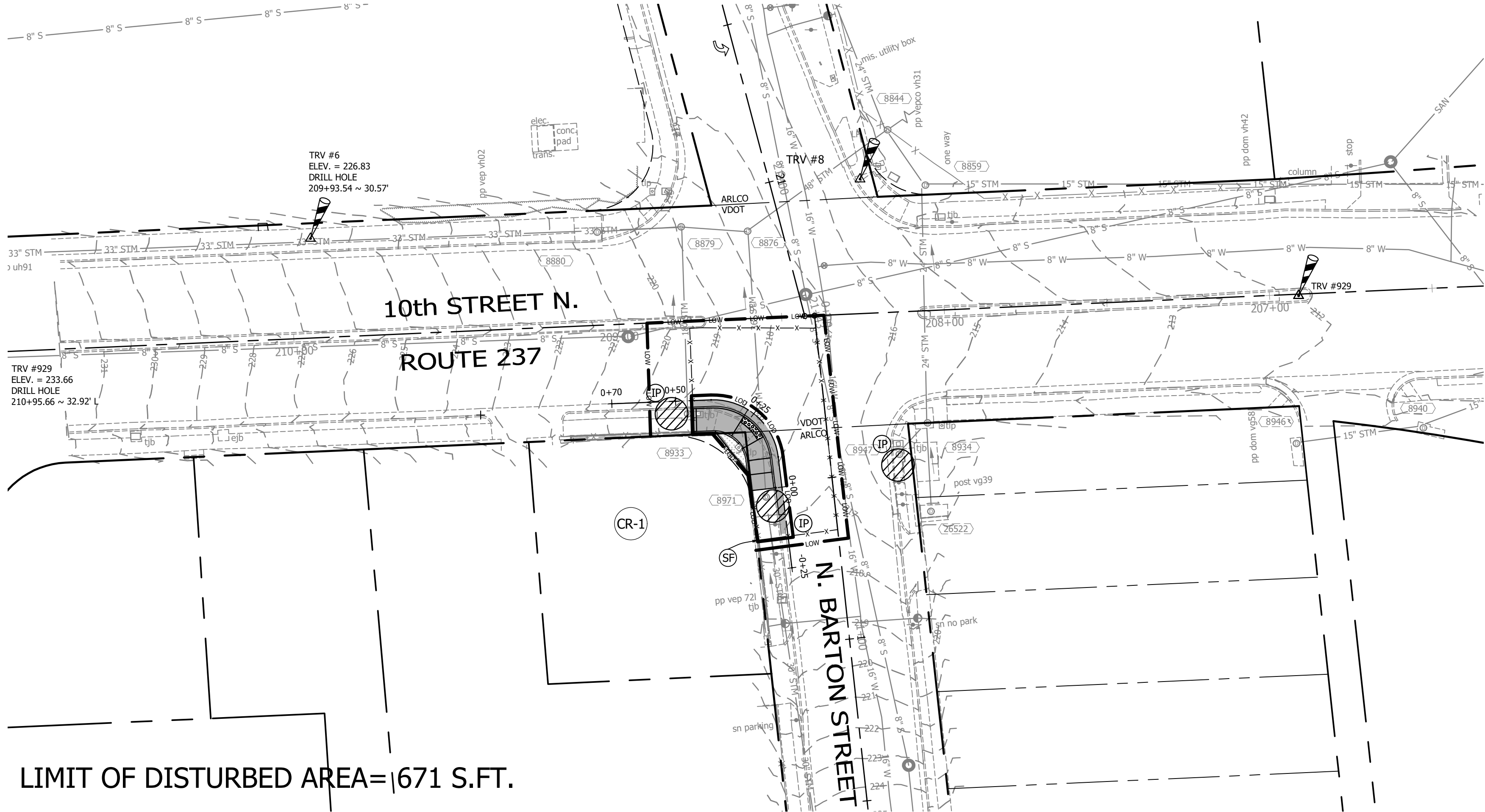
APPROVALS	DATE
<i>Amy Pflaum</i> QUALITY CONTROL ENGINEER	10/24/22
<i>[Signature]</i> CONSTRUCTION MANAGEMENT SUPERVISOR	11/22/22
<i>[Signature]</i> WATER, SEWER, STREETS BUREAU CHIEF	10/24/22
<i>Dennis M. Leach</i> TRANSPORTATION DIRECTOR	11/07/22
<i>[Signature]</i> PROJECT MANAGER	10/26/22

REVISIONS	DATE

10TH ST. N. & N. BARTON ST.
 P31D
 INTERSECTION @ 10TH ST. N. & N. BARTON ST.
 DEMOLITION PLAN

DESIGNED: K.PATEL
 DRAWN: K. PATEL
 CHECKED: Z. DRAGACEVAC
 PLOTTED: MARCH 2 2023





EROSION AND SEDIMENT
CONTROL LEGEND

3.05	TEMPORARY SILT FENCE	SF	
3.07	STORM DRAIN INLET PROTECTION	IP	
3.33	SODDING	SO	
	LIMITS OF DISTURBANCE		
	LIMITS OF WORK		



DEPARTMENT OF
ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 813
ARLINGTON, VA 22201
PHONE: 703.228.3629
FAX: 703.228.3606

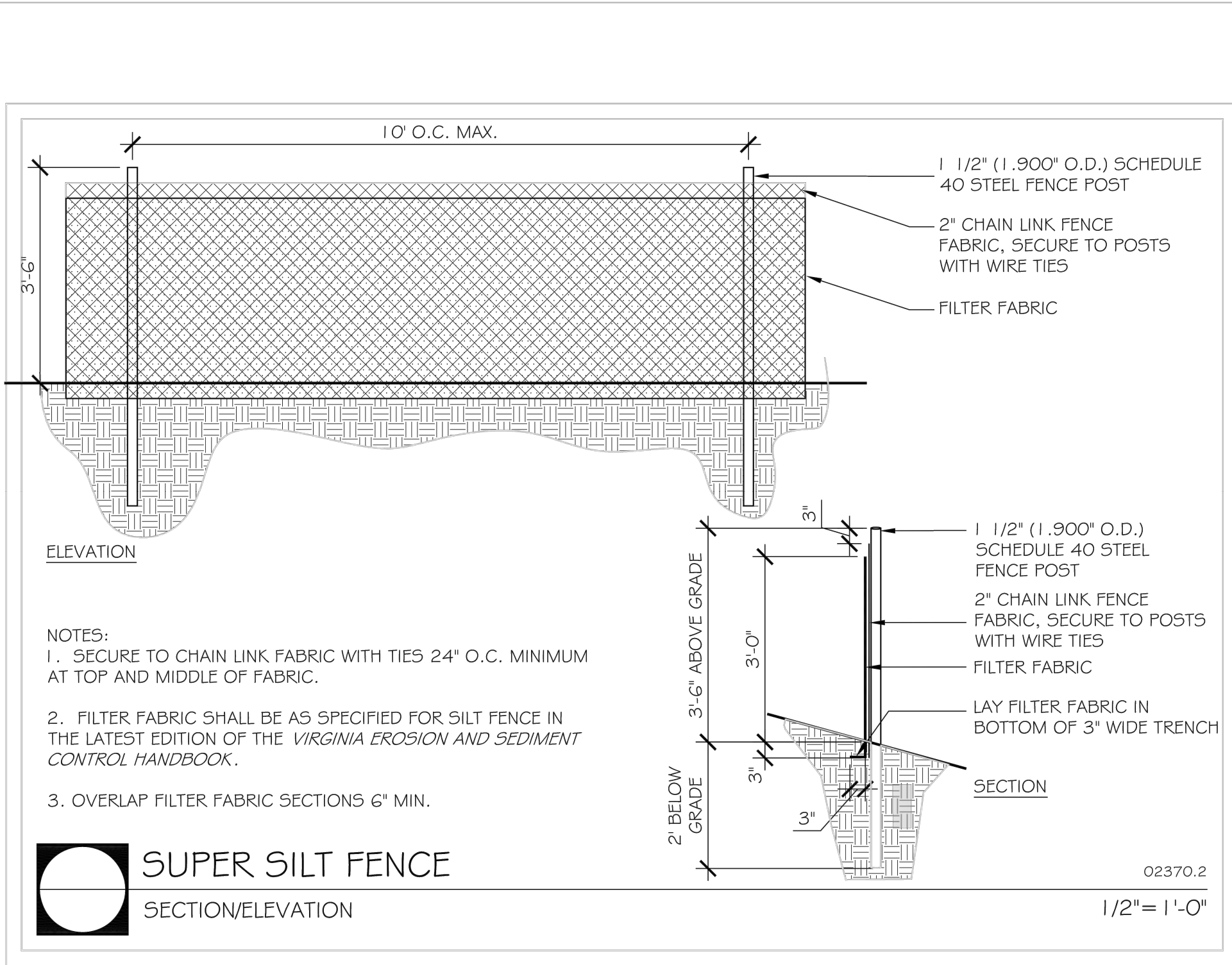
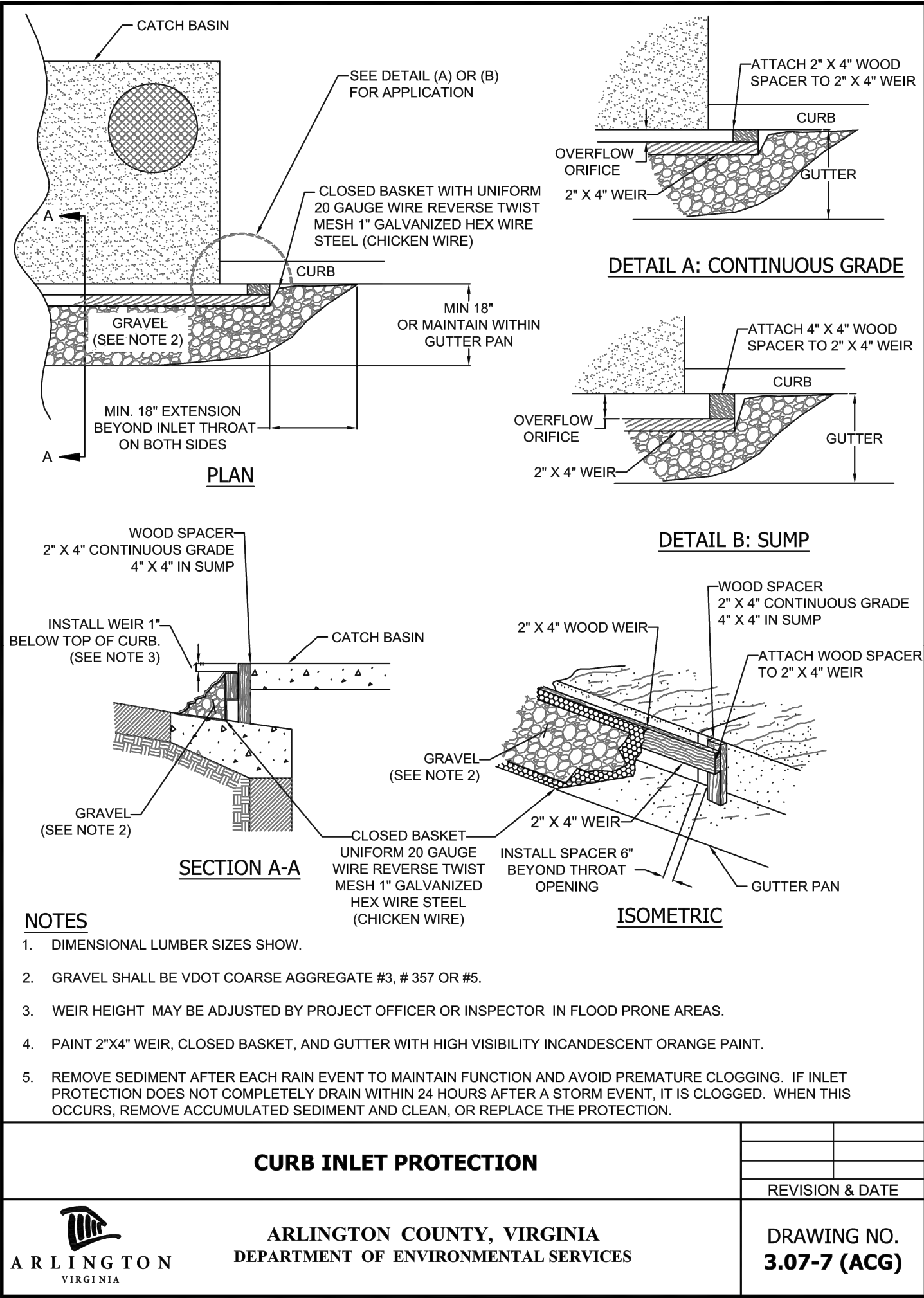
COPYRIGHT © 2021 ARLINGTON COUNTY
VIRGINIA - ALL RIGHTS RESERVED

SEAL



APPROVALS	DATE
<i>Amy Pflaum</i> QUALITY CONTROL ENGINEER	10/24/22
<i>[Signature]</i> CONSTRUCTION MANAGEMENT SUPERVISOR	11/22/22
<i>[Signature]</i> WATER, SEWER, STREETS BUREAU CHIEF	10/24/22
<i>Dennis M. Leach</i> TRANSPORTATION DIRECTOR	11/07/22
<i>[Signature]</i> PROJECT MANAGER	10/26/22

REVISIONS	DATE



10TH ST. N. & N. BARTON ST.

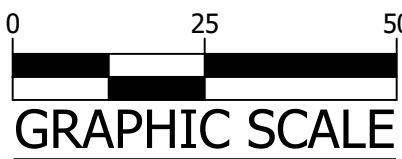
INTERSECTION @ 10TH ST. N. & N. BARTON ST.

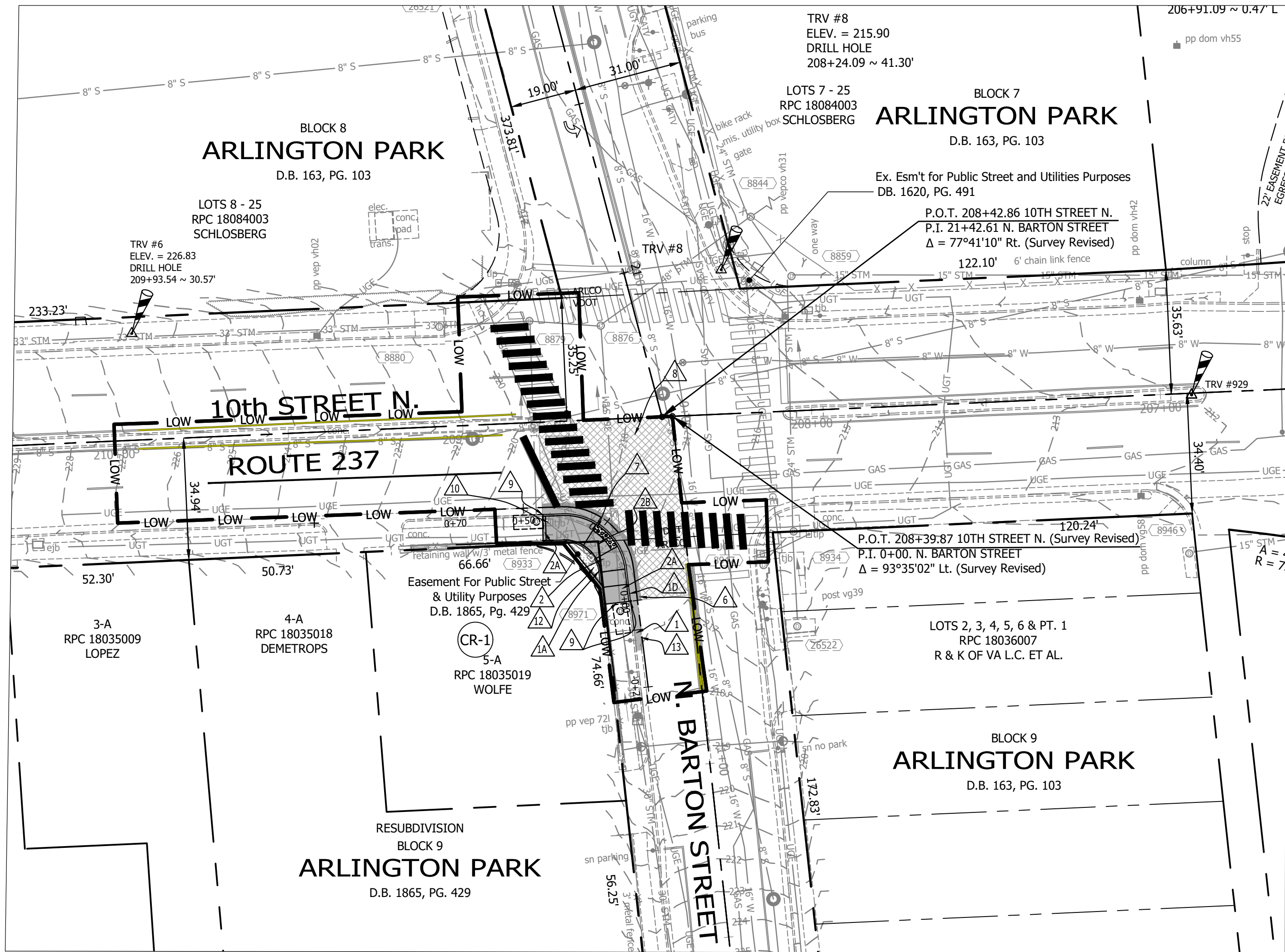
EROSION AND SEDIMENT CONTROL PLAN

DESIGNED: K.PATEL
DRAWN: K. PATEL
CHECKED: Z. DRAGACEVAC

PLOTTED: MARCH 2 2023

SCALE:





ROW ASSESSMENT

- NO ROW ACQUISITION OR PERMANENT EASEMENTS ARE ANTICIPATED WITH THIS PROJECT.

UTILITY IMPACT ASSESSMENT

WET UTILITIES:

- NO STORM SYSTEM IMPROVEMENT IS ANTICIPATED WITH THIS PROJECT.
- WATER METERS AND VALVES - NO VERTICAL ADJUSTMENTS ARE ANTICIPATED WITH THIS PROJECT.
- SANITARY MANHOLE - NO POTENTIAL CONFLICT.

DRY UTILITIES:

- NO IMPACTS TO EXISTING UTILITY POLES.
- NO IMPACTS TO EXISTING STREET LIGHT POLES.
- NO NEW STREET LIGHTS PROPOSED.
- NO IMPACTS TO EXISTING UNDERGROUND FACILITIES.

PERMIT ASSESSMENT

- COUNTY LDA PERMIT IS NOT REQUIRED IF THE LAND DISTURBANCE IS LESS THAN 2500SF.

PARKING IMPACTS

- NO IMPACT ON EXISTING ON-STREET PARKING SPACE.

TREE IMPACTS

- NO TREE REMOVALS ARE ANTICIPATED WITH THIS PROJECT. FURTHER TREE IMPACTS TO BE EVALUATED BY COUNTY URBAN FORESTER.

OTHER IMPACTS

- ADDITIONAL FULL DEPTH PAVEMENT TO BE EVALUATED IN FINAL DESIGN STAGE.
- NO RETAINING WALLS ARE EXPECTED.

CONSTRUCTION NOTES

- PROP CURB AND GUTTER (C-2) ARL STD (R-2.0)
- PROP HEADER CURB (C-3) ARL STD (R-2.0)
- PROP COMBINATION 6" CURB & GUTTER VDOT ROAD & BRIDGE STANDARDS (201.03)
- PROP. SIDEWALK ARL STD (R-2.0)
- TRANSITION LEAD WALK TO MEET EXISTING WALKWAY.
- PROP RAMP (CG-12B) VDOT ROAD & BRIDGE STANDARDS (204.03) SEE CURB RAMP DETAIL SHEET #C002.1
- PROPOSED ASPHALT FULL DEPTH REPLACEMENT AS PER ARLINGTON COUNTY STANDARD (R-1.4)
- PROPOSED DETECTABLE WARNING SURFACE DARK GRAY COLOR PER ARLINGTON COUNTY STANDARD H-3.2, CURB RAMPS
- ASPHALT - MILL AND OVERLAY (1/2" TO 3") PER ARLINGTON COUNTY STANDARD (R-1.4)
- MATCH EXISTING T.O.C. OR SIDEWALK GRADE.
- ADJUST EXISTING UTILITY BOX TO PROPOSED GRADE PER ARL CONSTR SPEC 02500 - 3.4
- PROPOSED SOD AND 4" TOP SOIL PER ARLINGTON STD. & SPEC. SECTION 329200 SEEDING AND SODDING.
- PROVIDE SMOOTH TRANSITION FROM VDOT CG-6 TO ARLINGTON COUNTY C-2 SECTION, SEE DETAILS ON SHEET #C002.1



DEPARTMENT OF
ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 813
ARLINGTON, VA 22201
PHONE: 703.228.3629
FAX: 703.228.3606

COPYRIGHT © 2021 ARLINGTON COUNTY
VIRGINIA - ALL RIGHTS RESERVED

SEAL

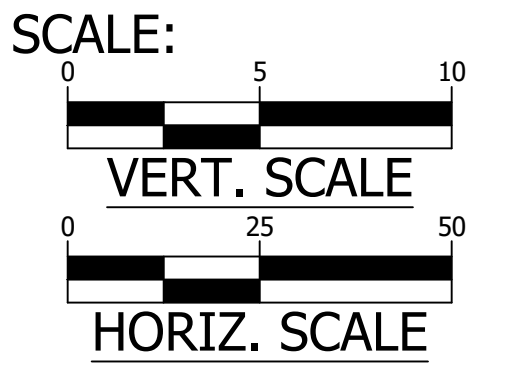


APPROVALS	DATE
<i>Amy Pflaum</i> QUALITY CONTROL ENGINEER	10/24/22
<i>[Signature]</i> CONSTRUCTION MANAGEMENT SUPERVISOR	11/22/22
<i>[Signature]</i> WATER, SEWER, STREETS BUREAU CHIEF	10/24/22
<i>Dennis M. Leach</i> TRANSPORTATION DIRECTOR	11/07/22
<i>[Signature]</i> PROJECT MANAGER	10/26/22

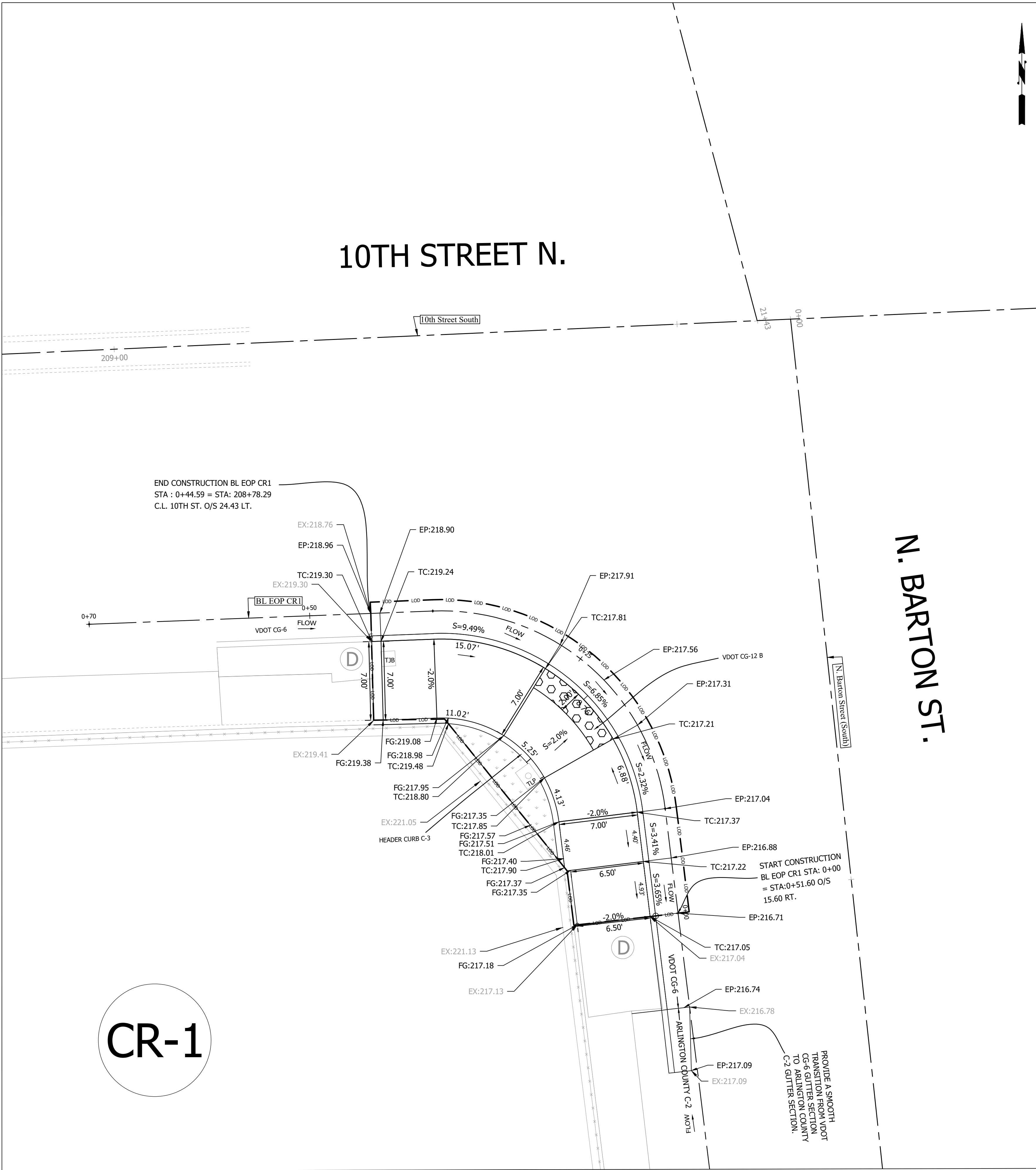
REVISIONS	DATE

10TH ST. N. & BARTON ST.
P31D
INTERSECTION @ 10TH ST. N. & N. BARTON ST.
PLAN AND PROFILE

DESIGNED: K. PATEL
DRAWN: K. PATEL
CHECKED: Z. DRAGACEVAC
PLOTTED: MARCH 2 2023



C041.1





ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 813
ARLINGTON, VA 22201
PHONE: 703.228.3629
FAX: 703.228.3606

COPYRIGHT © 2021 ARLINGTON COUNTY VIRGINIA - ALL RIGHTS RESERVED

SEAL



APPROVALS	DATE
<i>Amy Pflaum</i> QUALITY CONTROL ENGINEER	10/24/22
<i>[Signature]</i> CONSTRUCTION MANAGEMENT SUPERVISOR	11/22/22
<i>[Signature]</i> WATER, SEWER, STREETS BUREAU CHIEF	10/24/22
<i>Dennis M. Leach</i> TRANSPORTATION DIRECTOR	11/07/22
<i>[Signature]</i> PROJECT MANAGER	10/26/22

REVISIONS	DATE

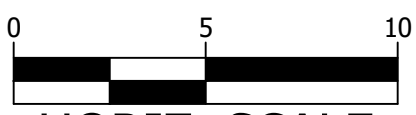
10TH ST. N. & N. BARTON ST.
P31D

INTERSECTION @ 10TH ST. N. & N. BARTON ST.

RAMP DETAILS

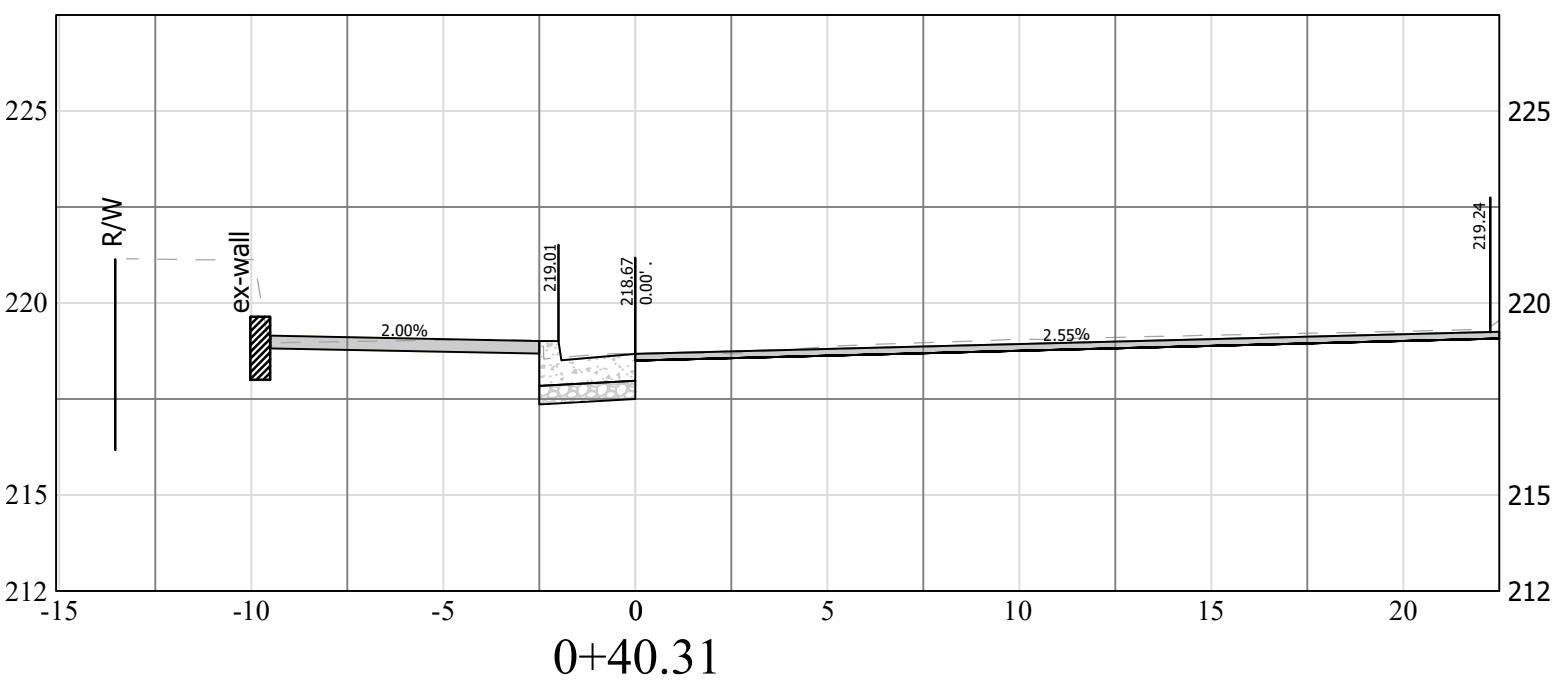
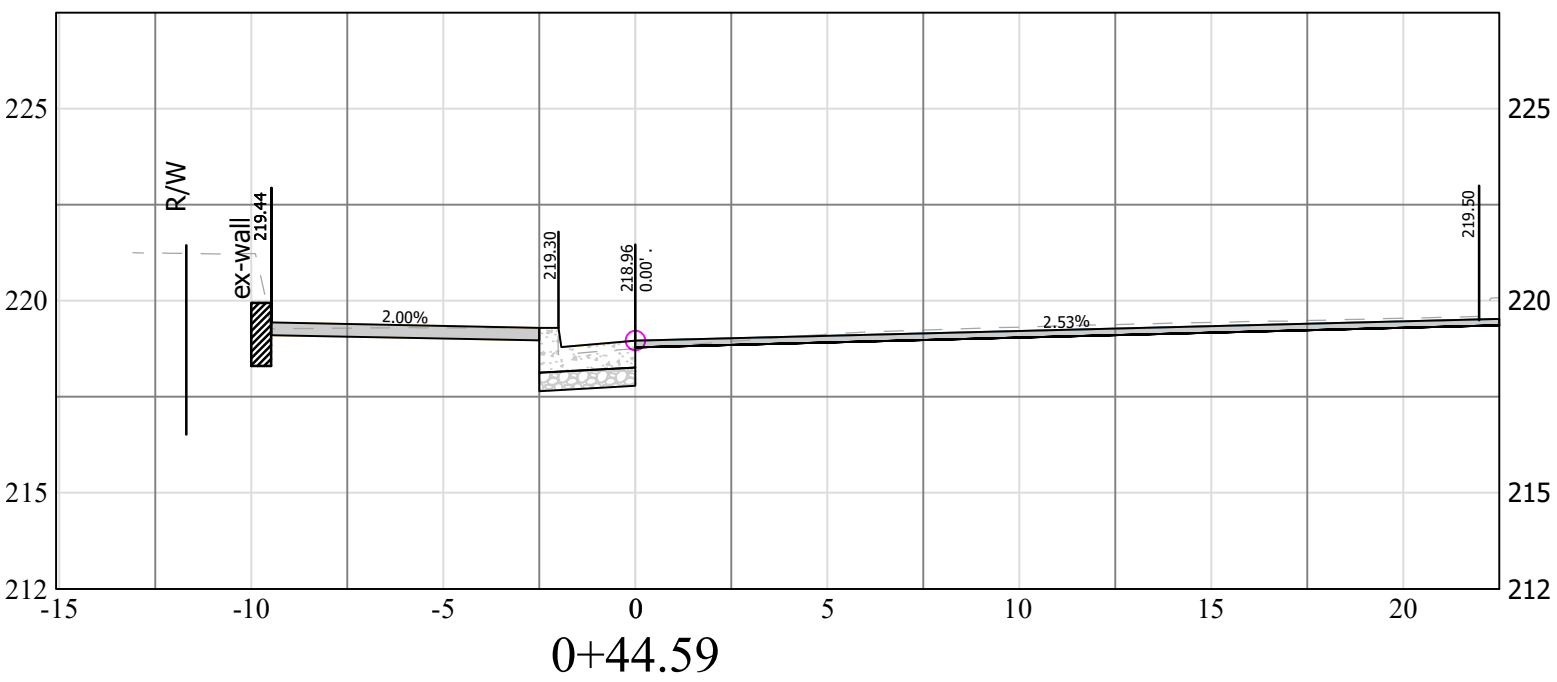
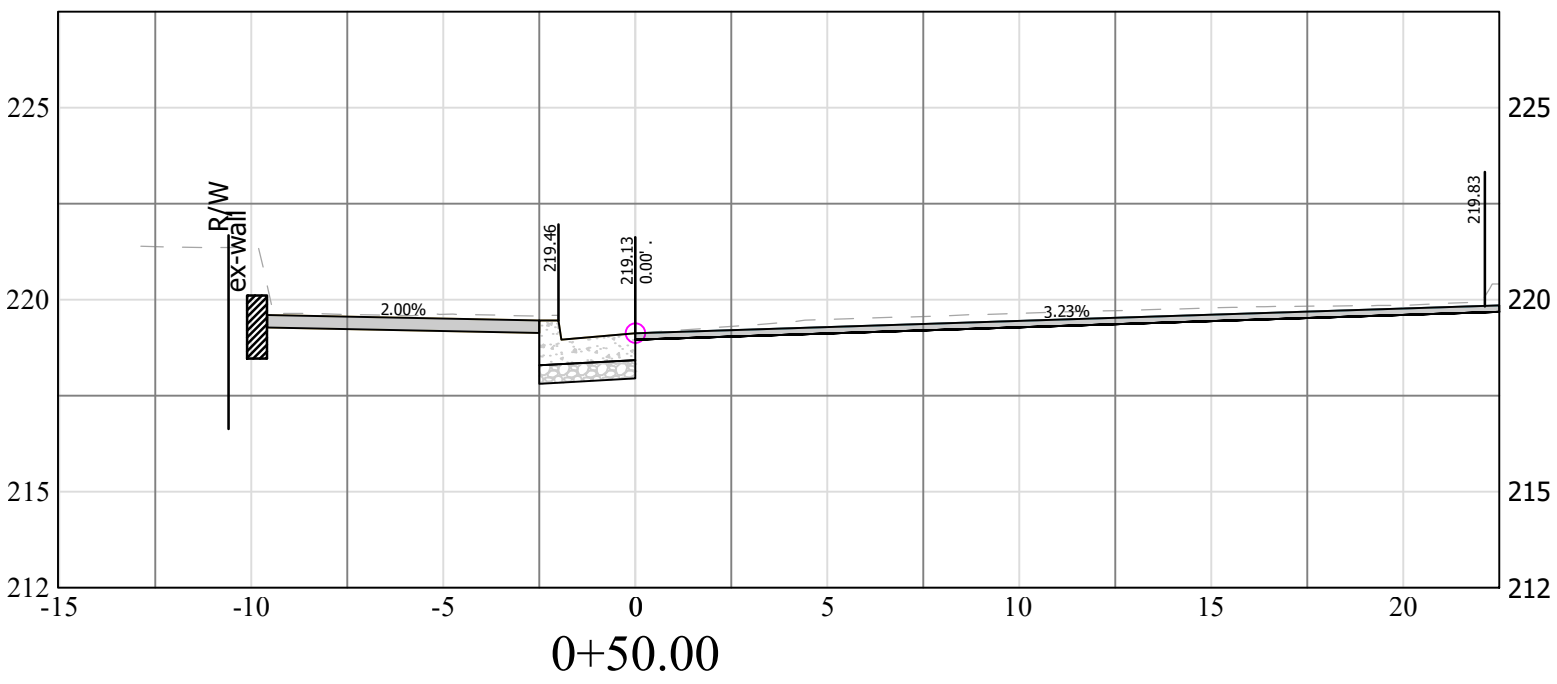
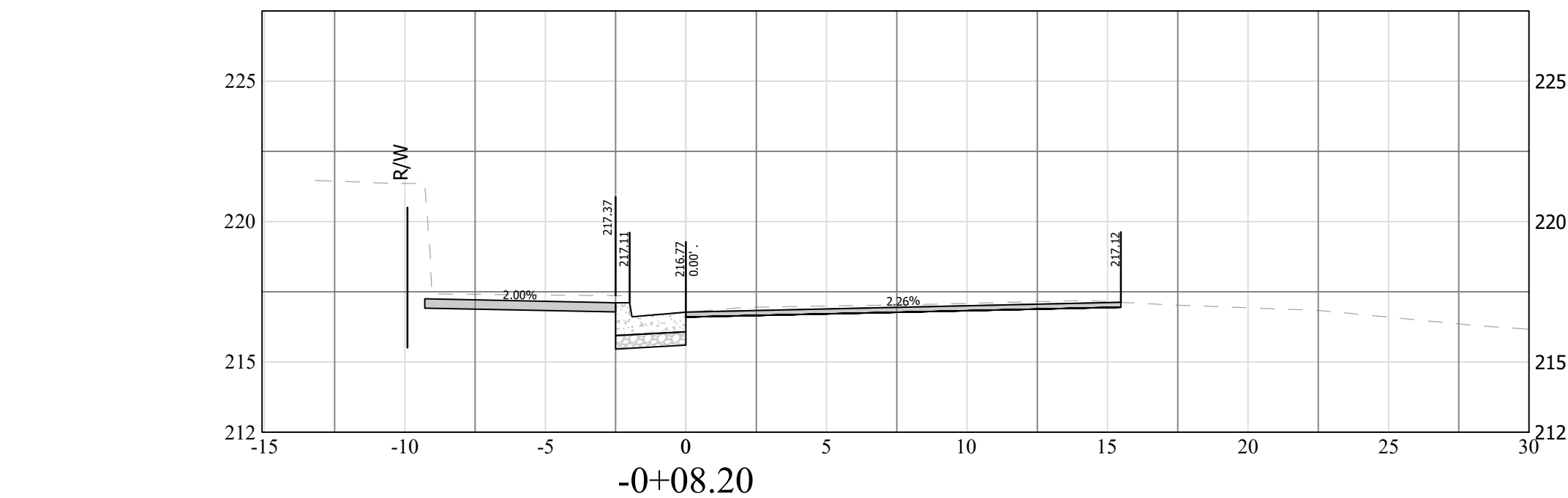
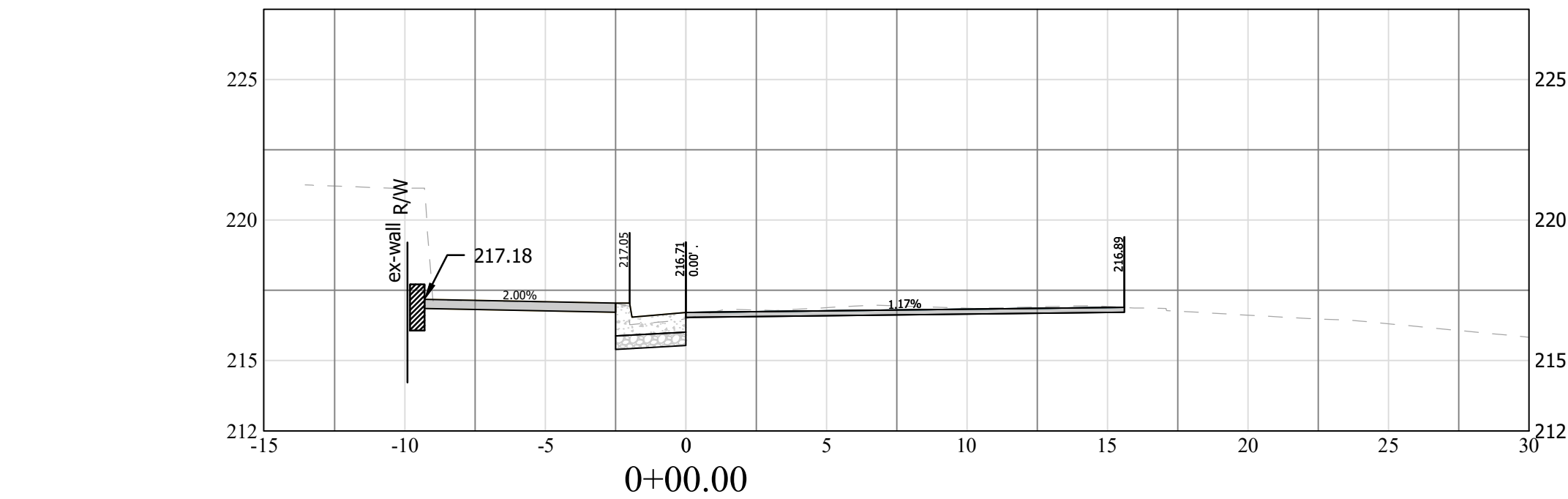
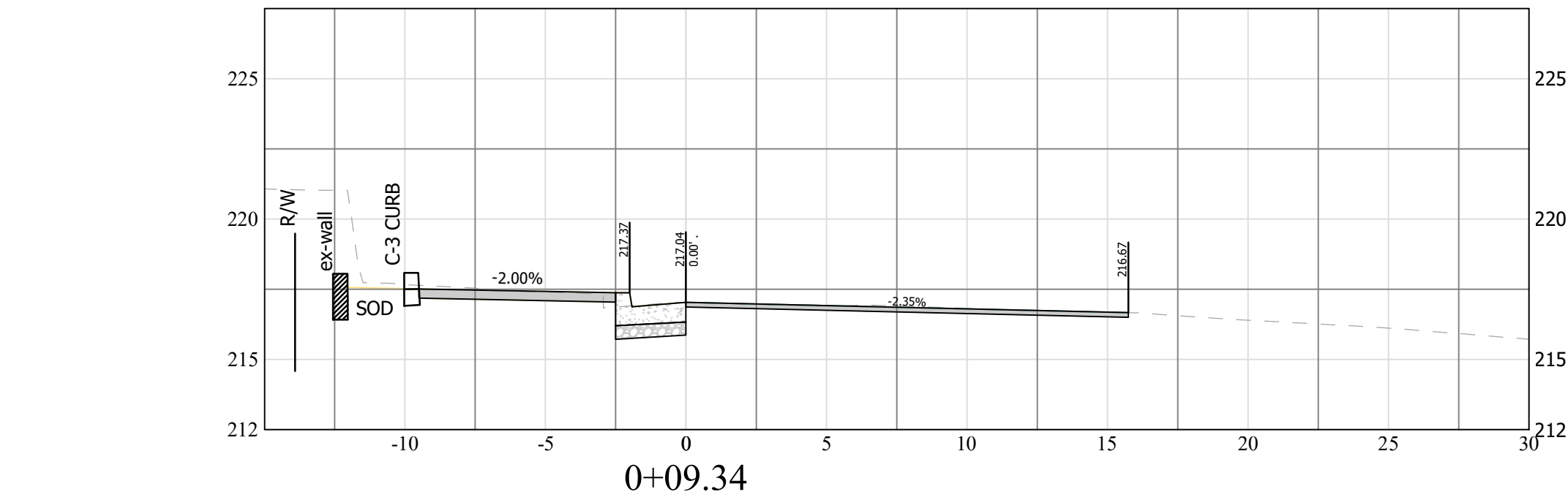
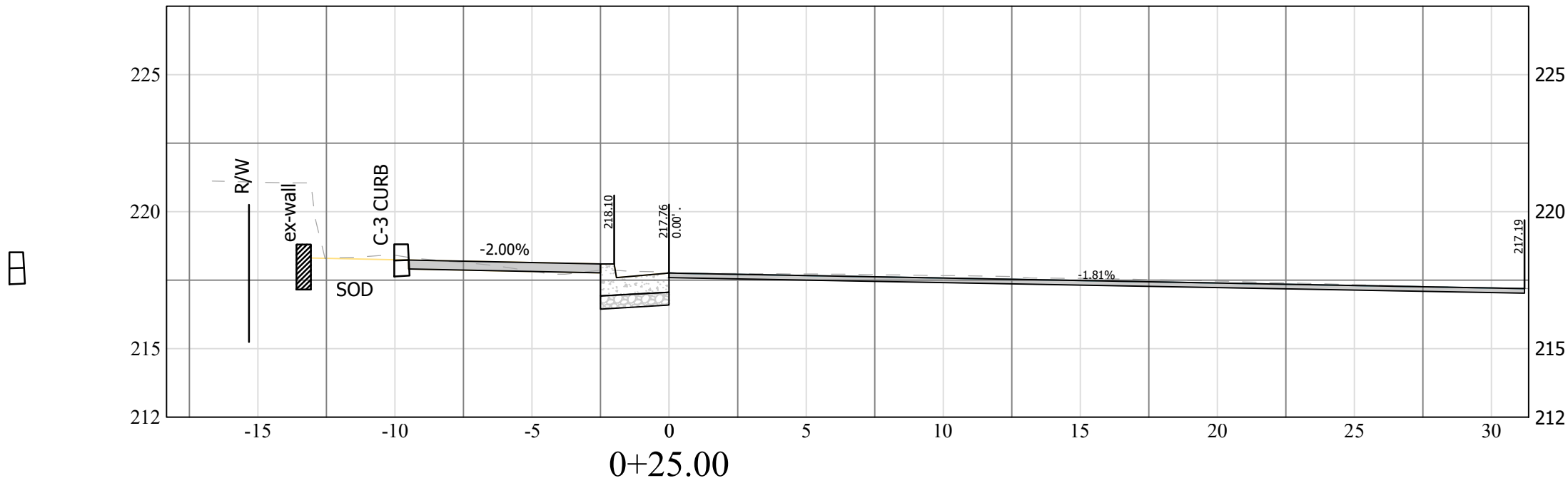
DESIGNED: K.PATEL
DRAWN: K. PATEL
CHECKED: Z. DRAGACEVAC
PLOTTED: MARCH 2 2023

SCALE:



HORIZ. SCALE

BL EOP CR 1



ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 813
ARLINGTON, VA 22201
PHONE: 703.228.3629
FAX: 703.228.3606
COPYRIGHT © 2021 ARLINGTON COUNTY VIRGINIA - ALL RIGHTS RESERVED

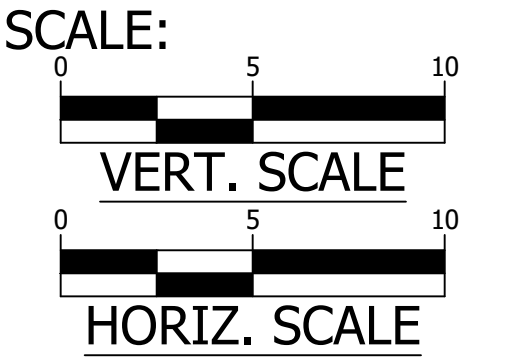


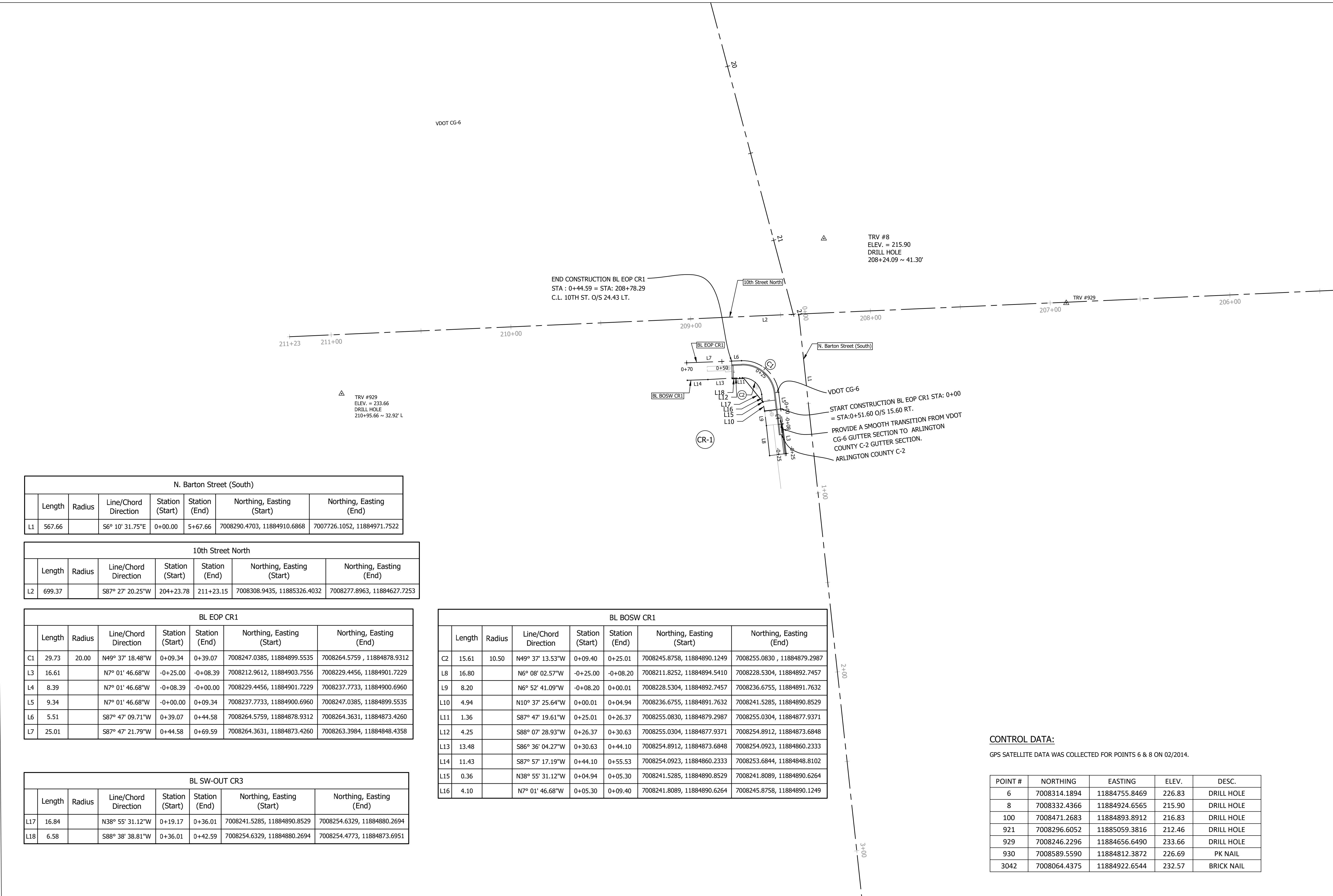
APPROVALS	DATE
<i>Amy Pflaum</i> QUALITY CONTROL ENGINEER	10/24/22
<i>[Signature]</i> CONSTRUCTION MANAGEMENT SUPERVISOR	11/22/22
<i>[Signature]</i> WATER, SEWER, STREETS BUREAU CHIEF	10/24/22
<i>Dennis M. Leach</i> TRANSPORTATION DIRECTOR	11/07/22
<i>[Signature]</i> PROJECT MANAGER	10/26/22

REVISIONS	DATE

10TH ST. N. & N. BARTON ST.
P31D
INTERSECTION @ 10TH ST. N. & N. BARTON ST.
CROSS-SECTIONS

DESIGNED: K.PATEL
DRAWN: K. PATEL
CHECKED: Z. DRAGACEVAC
PLOTTED: MARCH 2 2023





CONTROL DATA:

GPS SATELLITE DATA WAS COLLECTED FOR POINTS 6 & 8 ON 02/2014.

POINT #	NORTHING	EASTING	ELEV.	DESC.
6	7008314.1894	11884755.8469	226.83	DRILL HOLE
8	7008332.4366	11884924.6565	215.90	DRILL HOLE
100	7008471.2683	11884893.8912	216.83	DRILL HOLE
921	7008296.6052	11885059.3816	212.46	DRILL HOLE
929	7008246.2296	11884656.6490	233.66	DRILL HOLE
930	7008589.5590	11884812.3872	226.69	PK NAIL
3042	7008064.4375	11884922.6544	232.57	BRICK NAIL



ARLINGTON VIRGINIA

DEPARTMENT OF ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 813
ARLINGTON, VA 22201
PHONE: 703.228.3629
FAX: 703.228.3606

COPYRIGHT © 2021 ARLINGTON COUNTY VIRGINIA - ALL RIGHTS RESERVED

SEAL



APPROVALS	DATE
<i>Amey Pflaum</i> QUALITY CONTROL ENGINEER	10/24/22
<i>[Signature]</i> CONSTRUCTION MANAGEMENT SUPERVISOR	11/22/22
<i>[Signature]</i> WATER, SEWER, STREETS BUREAU CHIEF	10/24/22
<i>Dennis M. Leach</i> TRANSPORTATION DIRECTOR	11/07/22
<i>[Signature]</i> PROJECT MANAGER	10/26/22

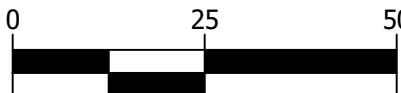
REVISIONS	DATE

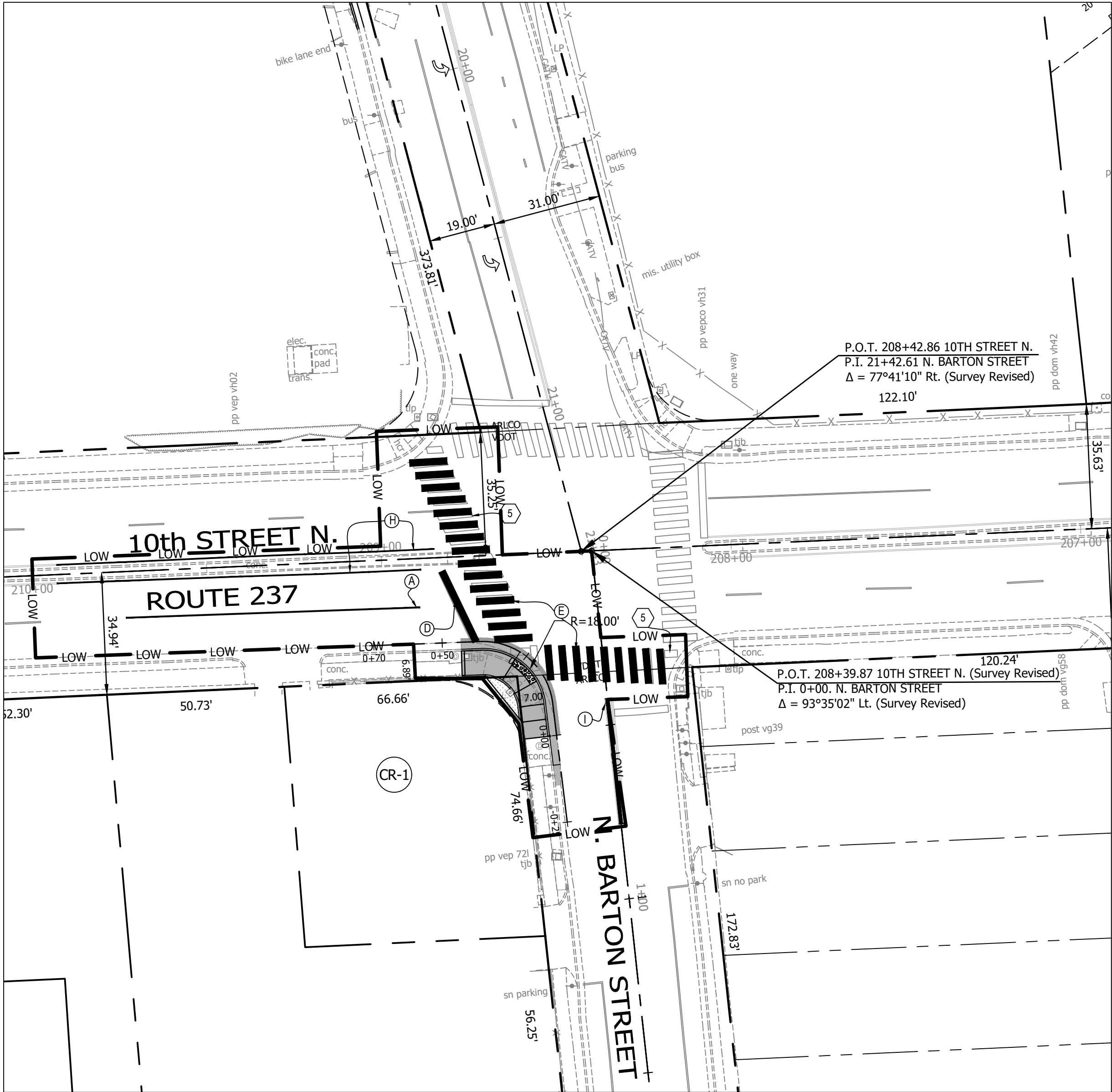
10TH ST. N. & N. BARTON ST.
P31D

INTERSECTION @ 10TH ST. N. & N. BARTON ST.

GEOMETRIC CONTROL PLAN

DESIGNED: K.PATEL
DRAWN: K. PATEL
CHECKED: Z. DRAGACEVAC
PLOTTED: MARCH 2 2023

SCALE:

GRAPHIC SCALE



STANDARD PAVEMENT MARKING LEGEND

(A)	TYPE B CLASS 1	WHITE 4" WIDTH	PARKING LANES, EDGE LINES, LANE LINES
(B)	TYPE B CLASS 1	WHITE 4" WIDTH, 10' LONG, 30' SPACING	DASHED LANE LINES
(C)	TYPE B CLASS 1	WHITE 4" WIDTH, 2' LONG 10' SPACING	LANE TRANSITIONS, TURN LANE SKIPS
(D)	TYPE B CLASS 1	WHITE 18" WIDTH	STOP BARS
(E)	TYPE B CLASS 1	WHITE 24" WIDTH	CONTINENTAL CROSS WALKS
(F)	TYPE B CLASS 1	WHITE 6" WIDTH	TURN LANES, TRANSVERSE CROSS WALKS, BIKE LANES
(G)	TYPE B CLASS 1	YELLOW 4" WIDTH, 10' LONG, 30' SPACING	DIVIDED TRAFFIC, TWO WAY TURN LANES
(H)	TYPE B CLASS 1	YELLOW 4" WIDTH	EDGE LINES
(I)	TYPE B CLASS 1	YELLOW 4" WIDTH, DOUBLE LINE, 4" SPACING	CENTERLINES
(J)	TYPE B CLASS 1	WHITE 6" WIDTH, 10' SPACING @45 DEGREE	HATCH LINES, SAFETY ZONES
(K)	TYPE B CLASS 1	WHITE SINGLE ARROW	TURN LANES
(L)	TYPE B CLASS 1	WHITE COMBINATION ARROW	TURN LANES
(M)	TYPE B CLASS 1	WHITE 8' LETTERS	PAVEMENT LETTERS (STOP, YIELD, BUS, ONLY, etc.)
(N)	TYPE B CLASS 1	WHITE 6" WIDTH, 2' LONG, 10' SPACING	LANE TRANSITIONS, TURN LANE SKIPS
(O)	TYPE B CLASS 1	WHITE 12" WIDTH, 20' SPACING @45 DEGREE	GORE MARKINGS
(P)	TYPE B CLASS 1	YELLOW 8" WIDTH @45 DEGREE	GORE MARKINGS
(Q)	TYPE B CLASS 1	WHITE 6" WIDTH, 2' LONG, 4' SPACING	LANE TRANSITIONS
(R)	TYPE B CLASS 1	WHITE 4" WIDTH, DOUBLE LINE, 4' SPACING	CURB EXTENSIONS
(S)	TYPE B CLASS 1	WHITE 24" WIDTH	VDOT - STOP BARS
T	TYPE B CLASS 1	YELLOW 6" WIDTH, 2' LONG, 4' SPACING	LANE TRANSITIONS

PAVEMENT MARKING NOTES:

- STREET WIDTH MEASUREMENTS ARE FROM FACE OF CURB TO FACE OF CURB. LANES ARE MEASURED FROM CENTER OF MARKING TO CENTER OF MARKING .
- CONTACT DES-TRANSPORTATION ENGINEERING & OPERATIONS CONSTRUCTION MANAGEMENT SPECIALIST OR HIS DESIGNEE AT 703-228-6598 OR 571-437-1077 TO APPROVE MARKING LAYOUT 48 HOURS PRIOR TO INSTALLATION OF MARKINGS.
- PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH THE FOLLOWING AND ANY REVISIONS HERE TO:
A. THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
B. ARLINGTON COUNTY MARKING STANDARDS.
- ALL MARKINGS SHALL BE THERMOPLASTIC PER ARLINGTON COUNTY MARKING STANDARDS.
- STOP BARS SHALL BE A MINIMUM OF 4' IN ADVANCE OF A MARKED CROSSWALK. IF THERE IS NO MARKED CROSSWALK, STOP BAR SHALL BE NO MORE THAN 30' FROM THE NEAREST EDGE OF THE INTERSECTED TRAVELED WAY.
- CROSSWALKS SHALL BE 10' WIDE UNLESS OTHERWISE NOTED.
- LEFT TURN ARROWS SHALL BE LOCATED 25' BACK FROM STOP BAR. FOR ADDITIONAL ARROWS FOLLOW COUNTY MARKING STANDARDS.
- ON-STREET PARKING LANE IS 7' WIDE (UNLESS OTHERWISE NOTED) AND MARKED WITH 4" WIDE WHITE LINES. BEGINNING AND END OF PARKING SHALL BE MARKED WITH AN END LINE PERPENDICULAR TO CURB EXCEPT AT NUBS OR WHERE OTHERWISE INDICATED.
- SHARED LANE MARKINGS SHALL BE PLACED IN CENTER OF LANE, 250' APART UNLESS OTHERWISE SPECIFIED.
- BIKE LANE SYMBOLS TO BE PLACED 330' APART UNLESS OTHERWISE SPECIFIED.
- EDGE LINES ARE ONLY REQUIRED WHERE SHOWN ON THE PLANS.
- FOR DETAILS SEE ARLINGTON COUNTY PAVEMENT MARKING SPECIFICATION, DETAILS MK-1 TO MK-12

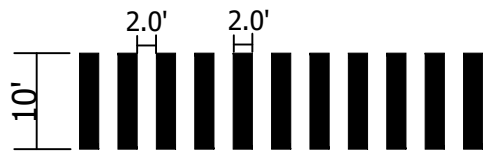
SIGN NOTES:

- FOR ALL SIGN POSTS PLACED IN CONCRETE USE 7 GAUGE HEAVY DUTY ANCHOR (30"x2.50") WITH HARDWARE FOR 2" POST. USE $\frac{3}{16}$ " CORNER BOLT WITH FLANGED NUT AND $\frac{3}{8}$ " DRIVER RIVET WITH WASHER.
- CONTACT TE&O CONSTRUCTION MANAGER OR HIS DESIGNEE AT 703-228-6598 OR 571-437-1077 48 HRS PRIOR TO POURING CONCRETE. ALTERNATIVE CONTACT AT 703-228-3788 OR 571-414-7497.

CONSTRUCTION SIGNAGE NOTES

- (5) ERADICATE AS NECESSARY ANY EXISTING PAVEMENT MARKING

All existing signage to remain unless otherwise noted.



HIGH VISIBILITY CROSSWALK
NOT TO SCALE



ARLINGTON VIRGINIA

DEPARTMENT OF ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 813
ARLINGTON, VA 22201
PHONE: 703.228.3629
FAX: 703.228.3606

COPYRIGHT © 2021 ARLINGTON COUNTY VIRGINIA - ALL RIGHTS RESERVED



APPROVALS	DATE
<i>Amy Pflaum</i> QUALITY CONTROL ENGINEER	10/24/22
<i>[Signature]</i> CONSTRUCTION MANAGEMENT SUPERVISOR	11/22/22
<i>[Signature]</i> WATER, SEWER, STREETS BUREAU CHIEF	10/24/22
<i>Dennis M. Leach</i> TRANSPORTATION DIRECTOR	11/07/22
<i>[Signature]</i> PROJECT MANAGER	10/26/22

REVISIONS	DATE

10TH ST. N. & N. BARTON ST.
P31D

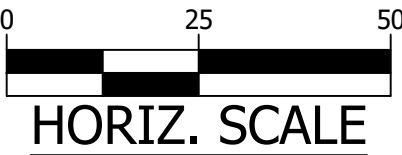
INTERSECTION @ 10TH ST. N. & N. BARTON ST.

SIGN AND MARKING PLAN

DESIGNED: K.PATEL
DRAWN: K. PATEL
CHECKED: Z. DRAGACEVAC

PLOTTED: MARCH 2 2023

SCALE:



HORIZ. SCALE



MAINTENANCE OF TRANSPORTATION PLAN

ZONE TABLE					
ZONE # 1	TTC #		COMMENTS	MAXIMUM DURATION	WORK HOURS
	VEHICULAR	PEDESTRIAN			
	TTC# 28.2		LANE CLOSURE OPERATION IN AN INTERSECTION	3 WEEKS	9:30 AM TO 3:00 PM
	TTC# 17.2		INSIDE LANE CLOSER OPERATION ON A FOUR LANE ROADWAY		
		TTC# 36.2	CROSSWALK CLOSURE AND PEDESTRIAN DETOUR OPERATION		

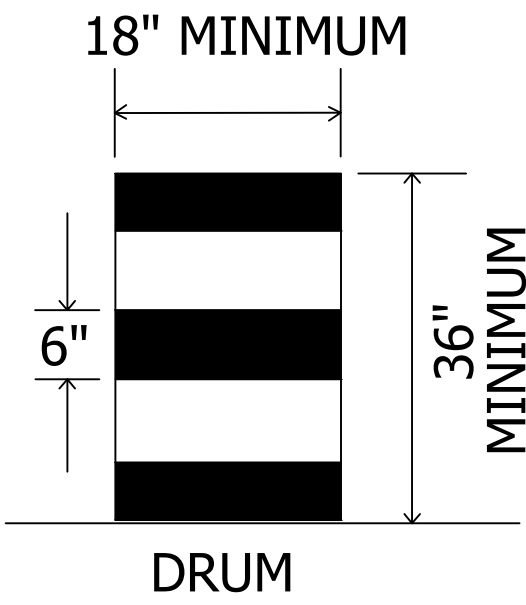
- NOTES:
1. WARNING SIGN SPACING : 100'
 2. CHANNELIZATION DEVICES SPACING FOR TRANSITION AREAS = 20'

LEGEND:

AREA UNDER CONSTRUCTION

TRAFFIC FLOW

Temporary pedestrian access



NOTES: DRUM SPACING IS 20 FEET ON TRANSITIONS AND CURVES.

Virginia Department of Transportation
REVIEW OF WORKING DRAWINGS
Working drawings have been reviewed in accordance with Section 105.10 2016 VDOT Road & Bridge Specifications

☒ REVIEW COMPLETED
☐ CORRECT & RESUBMIT
☐ REJECTED - SEE REMARKS

Reviewed by: _____ Date: _____

REVIEWED
By Brian E. Fry at 12:48 pm, Feb 15, 2023

Commonwealth of Virginia

VDOT

Virginia Department of Transportation

VERIFICATION OF COMPLETION OF VDOT ADVANCED WORK ZONE TRAFFIC CONTROL TRAINING AND FLAGGER CERTIFICATION

This is to verify that Kirti Patel has successfully completed training and an examination by the Department on the proper practices and methods for the installation, maintenance, removal of temporary traffic control devices and flagging operations.

Expiration Date: 03/31/2026

Verification Number: 070722120

State Traffic Engineer

WORKING HOURS:

IN ARLINGTON RIGHT-OF-WAY: 9:30 AM TO 3:00 PM (MON.-FRI.) AND 9:30 AM TO 2:00 PM (FRIDAY) AS SECTION OF 10TH STREET N. IS STATE ROAD. (BETWEEN N. BARTON STREET AND ROUTE 50 (ARLINGTON BLVD.))

1. ALL LANES SHALL BE FULLY OPEN TO TRAFFIC OUTSIDE THE ABOVE HOURS UNLESS SPECIFIED OTHERWISE IN THE MAINTENANCE OF TRAFFIC PLANS.

MOT NOTES:

1. TRAFFIC CONTROL DEVICES AND SAFETY MEASURES SHALL COMPLY WITH THE VIRGINIA WORK AREA PROTECTION MANUAL, VDOT'S GUIDELINES FOR TEMPORARY TRAFFIC CONTROL, FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, ARLINGTON COUNTY STANDARDS, THE TRAFFIC CONTROL PLANS INCLUDED IN THE CONSTRUCTION DRAWINGS, AND/OR AS DIRECTED BY THE PROJECT OFFICER.
2. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE WHICH INDICATES START AND FINISH DATES FOR EACH SEGMENT OF THE WORK. THE SCHEDULE SHALL INDICATE THE DURATION OF ALL LANE OR SHOULDER CLOSURES. THE CONTRACTOR SHALL NOTIFY THE PROJECT OFFICER A MINIMUM OF 3 BUSINESS DAYS IN ADVANCE OF PROCEEDING TO THE NEXT WORK SEGMENT.
3. THE CONTRACTOR SHALL NOTIFY THE PROJECT OFFICER OF PARKING RESTRICTION NEEDS A MINIMUM OF 3 BUSINESS DAYS PRIOR TO COMMENCEMENT OF WORK FOR EACH SEGEMENT. COUNTY PROJECT OFFICER SHALL RESTRICT PARKING BY CONTACTING DES - PERMITTING SECTION, 703-228-4798.
4. DURING CONSTRUCTION, THE CONTRACTOR SHALL EITHER MAINTAIN APPROPRIATE SIGHT DISTANCE TO ALL TRAFFIC SIGNS OR PROVIDE FOR TEMPORARY SIGNAGE OR FLAGGERS TO GUIDE TRAFFIC THROUGH WORK ZONES.
5. THE CONTRACTOR SHALL MINIMIZE THE DURATION OF ANY BLOCKAGE TO PRIVATE ENTRANCES AND DRIVEWAYS. THE CONTRACTOR SHALL SUBMIT A SCHEDULE OF DRIVEWAY CLOSURE FOR APPROVAL BY THE PROJECT OFFICER. THE PROJECT OFFICER SHALL BE NOTIFIED A MINIMUM OF 3 BUSINESS DAYS IN ADVANCE OF SUCH ACTIVITIES. THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER AT LEAST 24 HOURS IN ADVANCE OF THE START OF ANY WORK THAT WILL REQUIRE TEMPORARY CLOSURE OF ACCESS TO THE PROPERTY. THE CONTRACTOR SHALL MAKE ALL PRIVATE ENTRANCES AND DRIVEWAYS ACCESSIBLE AT THE CONCLUSION OF EACH WORKDAY.
6. ANY EXCAVATIONS WHICH ARE SPECIFICALLY APPROVED BY THE PROJECT OFFICER TO REMAIN OPEN PAST NORMAL WORKING HOURS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PROTECTED IN ACCORDANCE WITH THE VIRGINIA WORK AREA PROTECTION MANUAL AND AS APPROVED BY THE PROJECT OFFICER.
7. PEDESTRIAN TRAFFIC SHALL BE MAINTAINED AT ALL TIMES, INCLUDING ACCESS TO BUS STOP SHELTERS, UNLESS OTHERWISE APPROVED IN THE PLANS.
8. PEDESTRIAN TRAFFIC SHALL BE SEPARATED FROM WORK ZONES WITH APPROPRIATE MEASURES IN ACCORDANCE WITH MUTCD.
9. ADEQUATE PROVISIONS FOR PERSONS WITH DISABILITIES SHALL BE PROVIDED AT ALL TIMES PER ADA REQUIREMENTS.
10. WHEN NECESSARY, PEDESTRIANS SHALL BE APPROPRIATELY DIRECTED WITH ADVANCED WARNING SIGNS PLACED AT INTERSECTIONS, TO CROSS TO THE OPPOSITE SIDE OF THE ROADWAY IN ORDER TO PREVENT CONFLICT WITH MIDBLOCK WORK SITES.
11. PEDESTRIANS SHALL NOT BE LED INTO CONFLICT WITH WORK SITE EQUIPMENT, OPERATIONS, AND/OR VEHICLES MOVING THROUGH OR AROUND THE WORK SITE.
12. ALL EXISTING FIRE HYDRANTS AND FIRE DEPARTMENT CONNECTIONS SHALL BE MAINTAINED UNOBSTRUCTED AND ACCESSIBLE AT ALL TIMES IN ACCORDANCE WITH SECTIONS 508.5.4 AND 508.5.5 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE.
13. ACCESS TO BUILDINGS FOR FIREFIGHTING SHALL BE MAINTAINED AT ALL TIMES. EXISTING FIRE APPARATUS ACCESS ROADS (FIRE LANES) SHALL BE KEPT CLEAR OF OBSTRUCTIONS IN ACCORDANCE WITH SECTION 503.4 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE. ACCESS TO CONSTRUCTION SITES SHALL BE PROVIDED AND MAINTAINED IN ACCORDANCE WITH SECTION 1410 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE.
14. IN THE EVENT THAT EXISTING FIRE DEPARTMENT CONNECTIONS OR FIRE APPARATUS ACCESS ROADS (FIRE LANES) MUST BE OBSTRUCTED TO FACILITATE CONSTRUCTION ACTIVITIES, CONTACT THE ARLINGTON COUNTY FIRE DEPARTMENT FIRE PREVENTION OFFICE AT 703-228-4644 TO COORDINATE REVIEW AND APPROVAL OF TEMPORARY FIRE DEPARTMENT CONNECTIONS AND/OR FIRE APPARATUS ACCESS ROADS PRIOR TO CREATING THE OBSTRUCTION.
15. VEHICLE DETECTION AT ALL TIMES DURING THE PROJECT. TRAFFIC SENSORS SHALL BE RESTORED TO THEIR PRE-CONSTRUCTION STATE PRIOR TO THE COMPLETION OF THIS PROJECT.
16. WORK HOURS ARE RESTRICTED TO 9:30 AM TO 3:00 PM
17. CONTRACTOR SHALL COVER ANY EXISTING SIGNS WHICH ARE NOT APPLICABLE OR ARE IN CONFLICT WITH THIS MOT PLAN.
18. CONTRACTOR SHALL ERADICATE AND RE-STRIPE AS NECESSARY ANY EXISTING PAVEMENT MARKINGS THAT ARE AM CONFLICT OR DO NOT ALIGN WITH THE TEMPORARY PAVEMENT MARKINGS OR NEW TRAFFIC PATTERNS.
19. CONTRACTOR SHALL ERADICATE ALL TEMPORARY PAVEMENT MARKING, INCLUDING TEMPORARY MARKED CROSSWALKS ONCE THE WORK AREA(S) ASSOCIATED WITH THE MARKINGS HAS BEEN COMPLETED.

ARLINGTON VIRGINIA

DEPARTMENT OF ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 813
ARLINGTON, VA 22201
PHONE: 703.228.3629
FAX: 703.228.3606

COPYRIGHT © 2021 ARLINGTON COUNTY VIRGINIA - ALL RIGHTS RESERVED

SEAL



APPROVALS	DATE
<i>Amy Pflaum</i> QUALITY CONTROL ENGINEER	10/24/22
<i>[Signature]</i> CONSTRUCTION MANAGEMENT SUPERVISOR	11/22/22
<i>[Signature]</i> WATER, SEWER, STREETS BUREAU CHIEF	10/24/22
<i>Dennis M. Leach</i> TRANSPORTATION DIRECTOR	11/07/22
<i>[Signature]</i> PROJECT MANAGER	10/26/22

REVISIONS	DATE

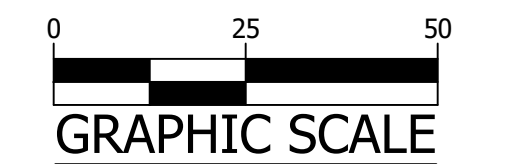
10TH ST. N. & N. BARTON ST.
P31D
INTERSECTION @ 10TH ST. N. & N. BARTON ST.

MAINTENANCE OF TRAFFIC PLAN

DESIGNED: K.PATEL
DRAWN: K. PATEL
CHECKED: Z. DRAGACEVAC

PLOTTED: MARCH 2 2023

SCALE:



C121.1

