



**ENGINEER**  
DEPARTMENT OF  
ENVIRONMENTAL SERVICES

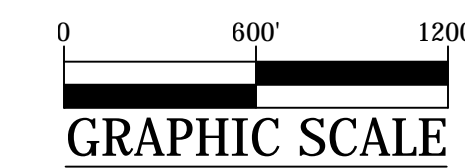
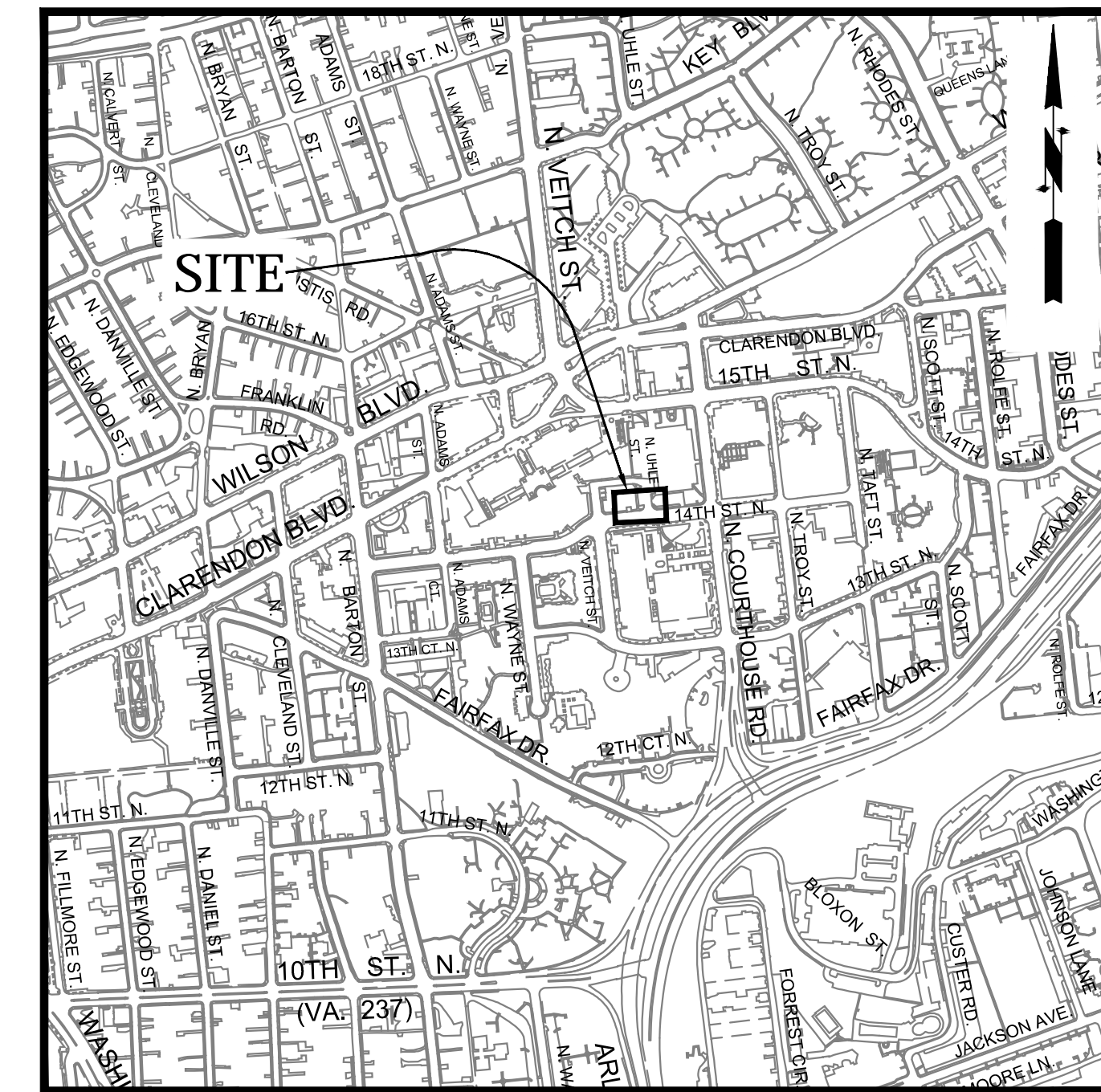
FACILITIES & ENGINEERING DIVISION  
ENGINEERING BUREAU  
2100 CLARENDON BOULEVARD, SUITE 813  
ARLINGTON, VA 22201  
PHONE: 703.228.3629 FAX: 703.228.3606  
WWW.ARLINGTONVA.US

**OWNER**  
DEPARTMENT OF  
ENVIRONMENTAL SERVICES

DIVISION OF TRANSPORTATION & DEVELOPMENT  
TRANSPORTATION PLANNING  
2100 CLARENDON BOULEVARD, SUITE 900,  
ARLINGTON, VA 22201  
PHONE: 703.228.3681 FAX: 703.228.7584  
WWW.ARLINGTONVA.US

**CONTRACTOR**  
TO BE DETERMINED

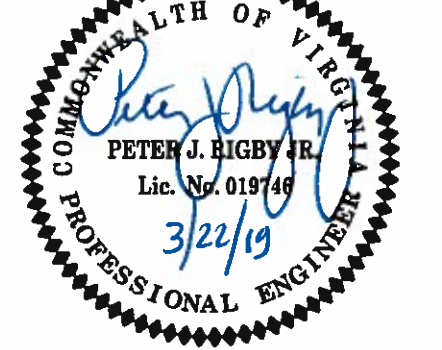
## LOCATION MAP



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

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SEAL



APPROVALS	DATE
<i>[Signature]</i>	3/28/19
QUALITY CONTROL ENGINEER	3/28/19
<i>[Signature]</i>	3/28/19
CONSTRUCTION MANAGEMENT SUPERVISOR	3/28/19
<i>[Signature]</i>	4/21/19
WATER, SEWER, & STREETS BUREAU CHIEF	4/21/19
<i>[Signature]</i>	3/28/19
TRANSPORTATION DIRECTOR	3/28/19
<i>[Signature]</i>	3/28/19
PROJECT MANAGER	3/28/19

REVISIONS	DATE

# CONSTRUCTION DRAWINGS FOR: N. 14TH STREET & N. UHLE STREET NE CORNER AT INTERSECTION

PROJECT CODE: P14D

## 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.

### 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 3 WORKING DAYS PRIOR TO THE DESIRED ONSET OF RESTRICTIONS.
- 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 3 WORKING DAYS 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 703-228-5555 AND THE PROJECT OFFICER.

### 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 3 WORKING DAYS 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 703-228-5555 AND THE PROJECT OFFICER.

## TABLE OF CONTENTS

SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	LEGEND
3	DETAILS SHEET
4	EXISTING CONDITIONS
5	DEMOLITION PLAN
6	EROSION AND SEDIMENT CONTROL PLAN
7	GEOMETRIC CONTROL
8	PLAN AND PROFILE
9	RAMP DETAILS
10	CROSS SECTIONS
11	SIGNAGE AND STRIPING
12	MOT_PLAN I
13	MOT_PLAN II
14	DRAINAGE DIVIDES
15	STORM_SEWER_PROFILES
16	STORM_COMPUTATIONS

## ADT

4,900 - VPD N. 14TH STREET 2016 - TE & O  
N/A - VPD N. UHLE STREET. 2016 - TE & O

## STREET CLASSIFICATION

PRINCIPAL NEIGHBORHOOD - N. 14TH STREET  
NEIGHBORHOOD MINOR - N. UHLE STREET

## POSTED/ DESIGN SPEED

25 MPH - N. 14TH STREET  
25 MPH - N. UHLE STREET

## DESIGN VEHICLE

2011 AASHTO CITY BUS

AUTO TURN (TURNING MOVEMENT) USED SPEED : 10MPH

PROJECT NAME AND LOCATION  
N. 14TH STREET & N. UHLE STREET  
COVER SHEET  
N. 14TH STREET & N. UHLE STREET  
NE CORNER AT INTERSECTION  
P14D

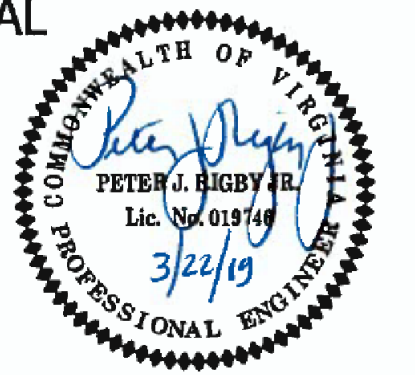
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DRAWN : K. PATEL  
CHECKED : P. RIGBY  
MISS UTILITY TRANSMITTAL #: N/A  
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PLOTTED: MARCH 21 2019  
PLOTTED BY: KPATEL

SCALE:

SHEET

1 OF 16

**SEAL**



**APPROVALS**      **DATE**

<i>[Signature]</i>	7/28/19
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	3/28/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	4/2/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>[Signature]</i>	3/28/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	3/28/19
PROJECT MANAGER	

**REVISIONS**      **DATE**


**PROJECT NAME AND LOCATION**

**N. 14TH STREET & N. UHLE STREET**

**LEGEND**

**N. 14TH STREET & N. UHLE STREET  
NE CORNER AT INTERSECTION**

P.H.D.

DESIGNED: K. PATEL  
DRAWN : K. PATEL  
CHECKED : P. RIGBY  
MISS UTILITY TRANSMITTAL #: N/A  
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PLOTTED: MARCH 21 2019  
PLOTTED BY: KPATEL

**SCALE:**

**SHEET**

**2 OF 16**

**LINETYPE LEGEND**

FEATURE	EXISTING	PROPOSED
BACK OF CURB	---	---
BUILDING	---	---
CENTERLINE / BASELINE	---	---
COMMUNICATIONS CABLE	--- COM ---	--- COM ---
CONTOURS	--- 250 --- 250 --- 250 ---	--- 250 --- 250 --- 250 ---
CRITICAL ROOT ZONE	--- CRZ --- CRZ ---	--- CRZ --- CRZ ---
EASEMENT	---	---
ELECTRIC (UNDERGROUND)	--- UGE --- UGE ---	---
FACE OF CURB	---	---
FENCE (MATERIAL NOTED)	---X---X---X---X---X---	---X---X---X---X---X---
FIBER OPTIC	---	--- fo ---
GAS LINE	--- GAS --- GAS ---	--- GAS --- GAS ---
X" GAS LINE (SIZE INCLUDED IF AVAILABLE)	--- X" G --- X" G ---	--- X" G --- X" G ---
GUARDRAIL	--- o o o o o ---	---
HARDSCAPE FEATURE (MATERIAL NOTED)	---	---
LIMITS OF DISTURBANCE	--- LOD ---	--- LOD ---
LIMITS OF WORK	--- LOW --- LOW ---	--- LOW --- LOW ---
OVERHEAD WIRES	---       ---	---       ---
PAVEMENT MINI SKIP LINE	---	---
PAVEMENT SKIP LINE	---	---
PROPERTY LINE	---	---
RIGHT-OF-WAY LINE	---	---
ROOT PRUNING	--- RP --- RP ---	--- RP --- RP ---
SANITARY SEWER	---	--- SAN --- SAN ---
X" SANITARY SEWER (SIZE INCLUDED IF AVAILABLE)	--- X" S --- X" S ---	---
SILT FENCE	--- SF --- SF ---	--- SF --- SF ---
STORM (SIZE NOTED)	---	---
STREAM	---	---
STREET LIGHT CONDUIT	--- SL --- SL ---	--- SL --- SL ---
TELEPHONE (UNDERGROUND)	--- UGT ---	--- UGT ---
TREE LINE	---	---
TREE PROTECTION FENCE	--- TPF --- TPF ---	--- TPF --- TPF ---
WALL	---	---
WATER	---	---
X" WATER (SIZE INCLUDED IF AVAILABLE)	--- X" W --- X" W ---	--- X" W --- X" W ---

**SYMBOL LEGEND**

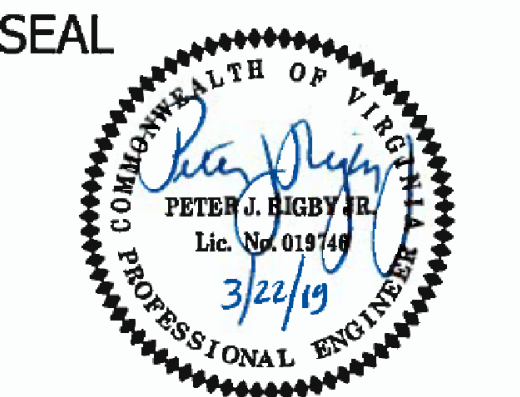
EXISTING	PROPOSED
EX BENCHMARK	PROP FIRE HYDRANT
EX CABLE PEDESTAL	PROP GAS VALVE
EX ELECTRIC BOX	PROP LIGHT POLE
EX FIRE HYDRANT	PROP PAY STATION
EX GAS VALVE	PROP SANITARY MANHOLE
EX GROUND LIGHT	PROP STORM CATCH BASIN (TO SCALE)
EX GUY WIRES	PROP STORM MANHOLE
EX IRON PIPE OR PIN	PROP TRAFFIC SIGN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

**HATCH LEGEND**

PROP MILL & OVERLAY SEE TYPICAL SECTION FOR DETAILS	
PROP FULL DEPTH ASPHALT SEE TYPICAL SECTION FOR DETAILS	
PROP CONCRETE	
REPLACE & MATCH EXISTING DRIVEWAY OR LEADWALK SEE CONSTRUCTION NOTES	
DEMOLITION AREA	

**LABEL LEGEND**

EXISTING	PROPOSED
EX SAN STRUC NO. EXISTING SANITARY STRUCTURE NUMBER	PROP SAN SEW STRUC NO. PROPOSED SANITARY SEWER STRUCTURE NUMBER
EX STRM SEW STRUC NO. EXISTING STORM SEWER STRUCTURE NUMBER	PROP STRM SEW STRUC NO. PROPOSED STORM SEWER STRUCTURE NUMBER



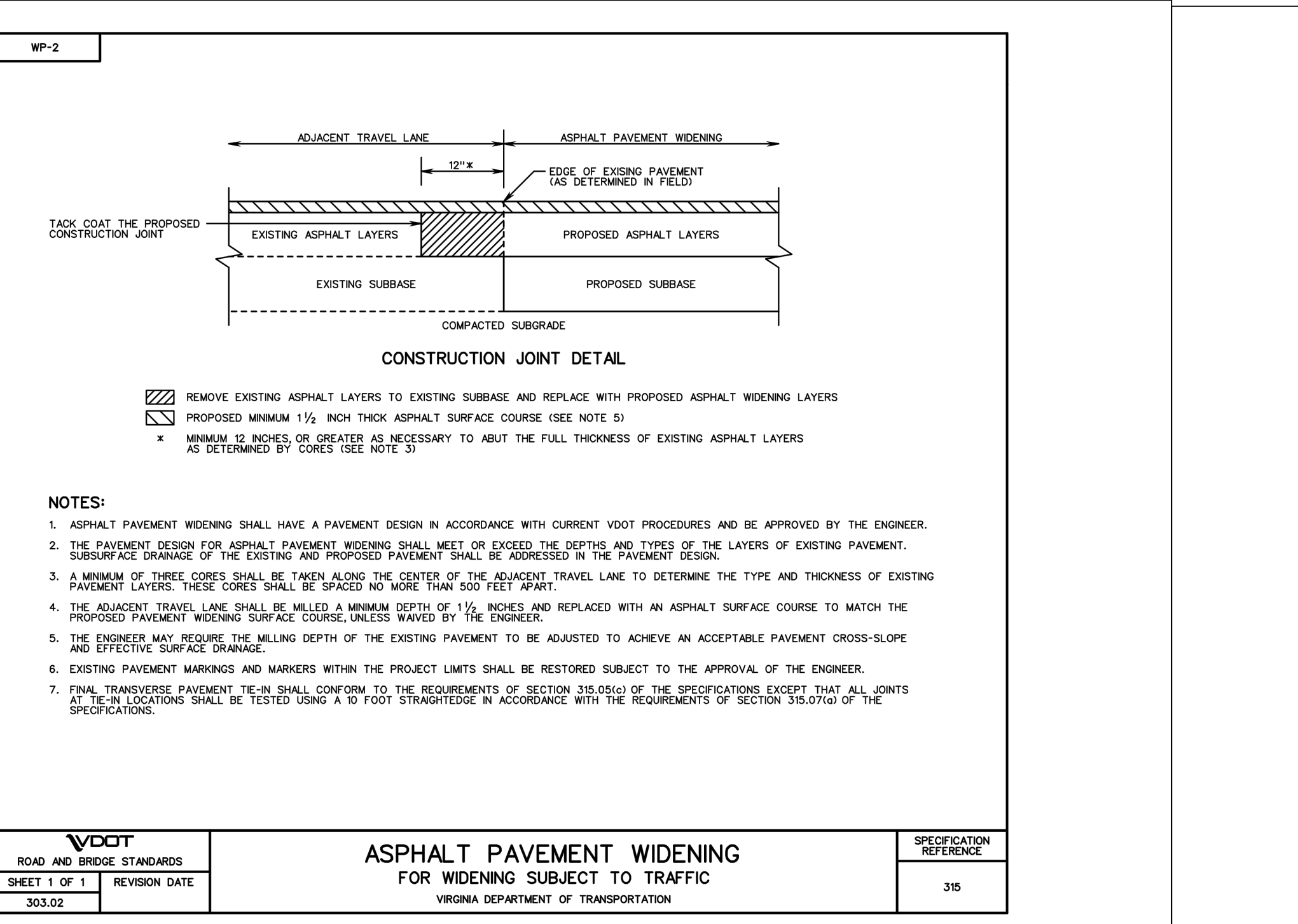
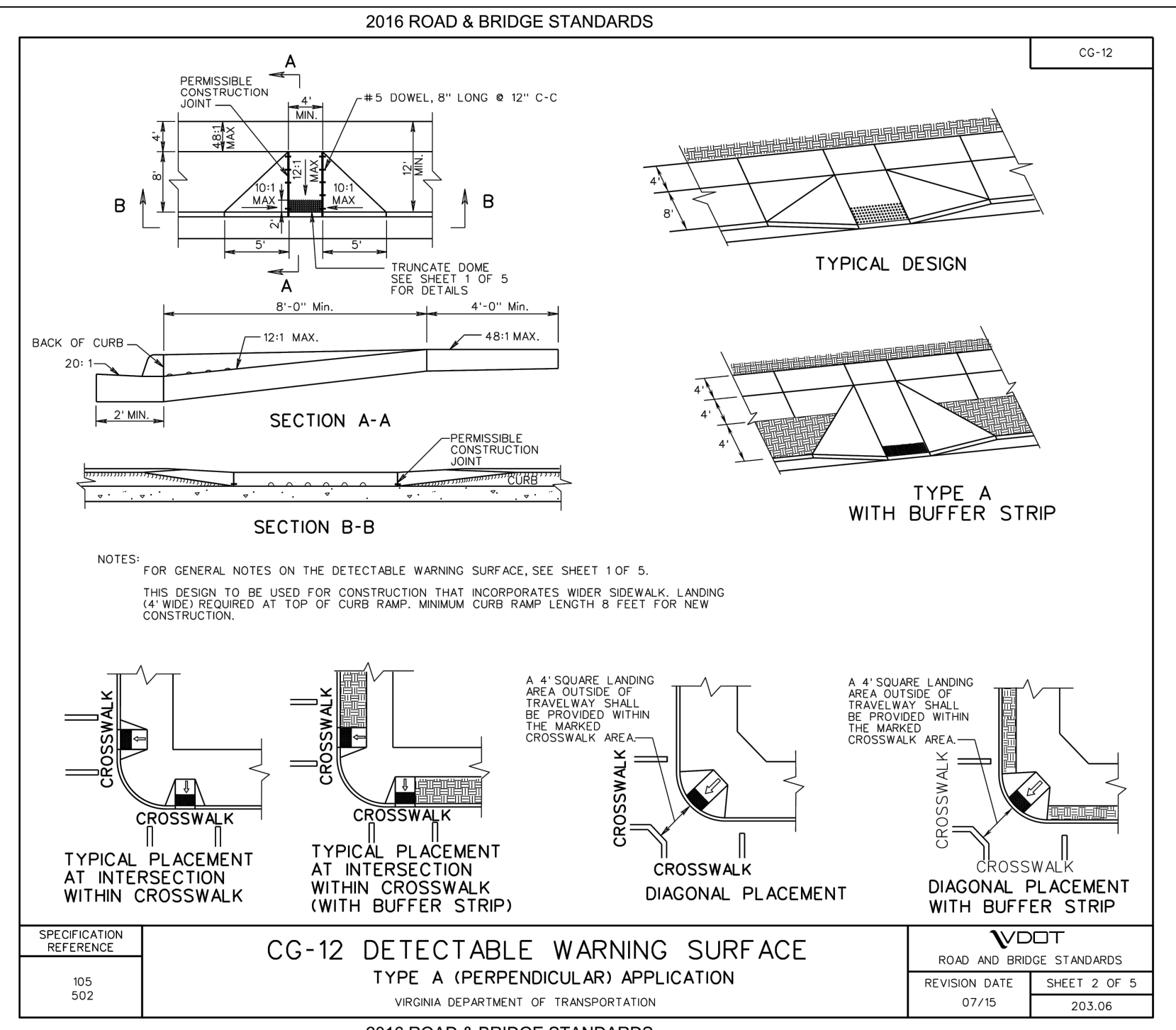
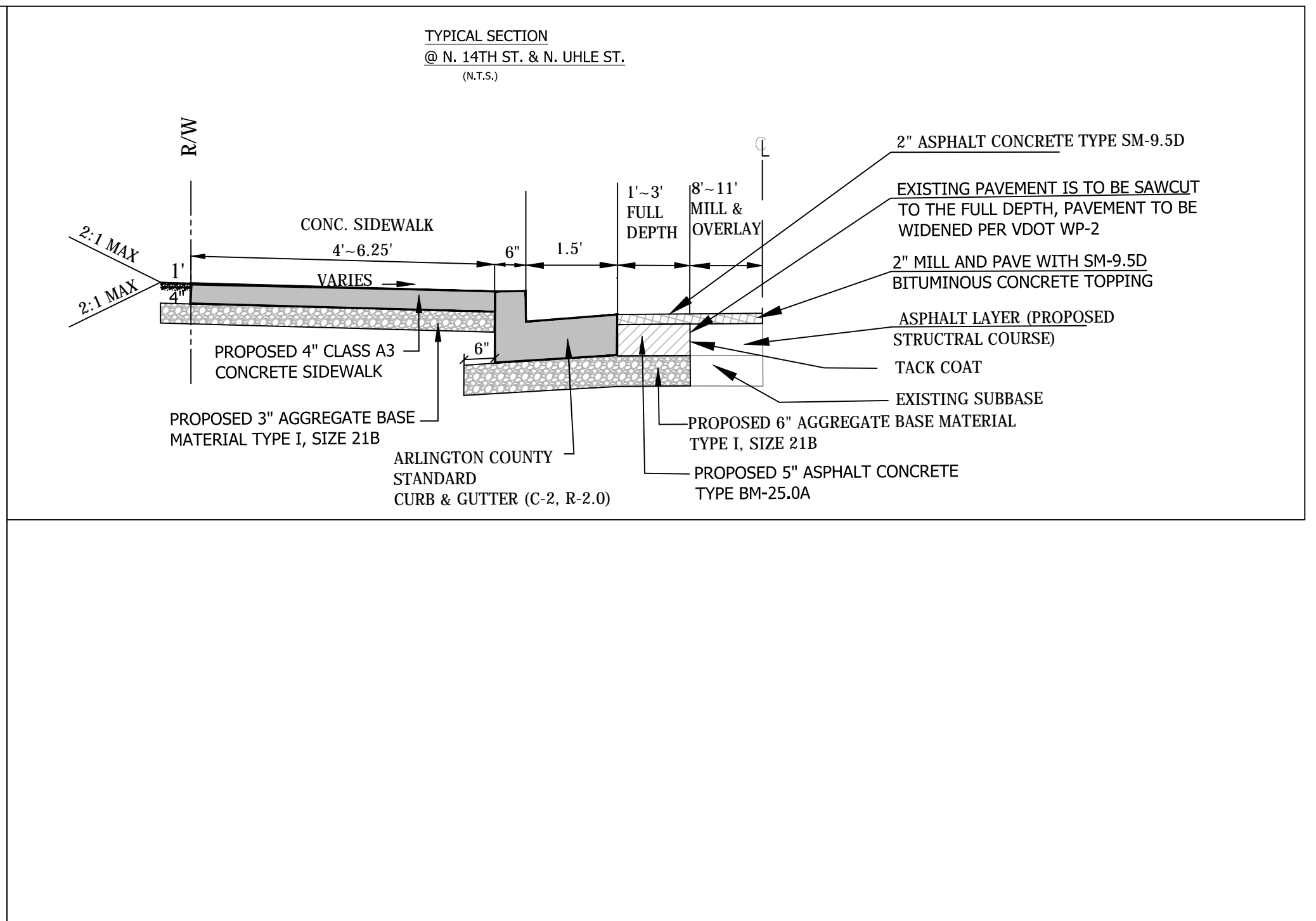
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<i>[Signature]</i>	7/24/19
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	3/28/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	4/2/19
WATER, SEWER, & STREETS BUREAU CHIEF	
<i>[Signature]</i>	3/28/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	3/28/19
PROJECT MANAGER	

REVISIONS	DATE

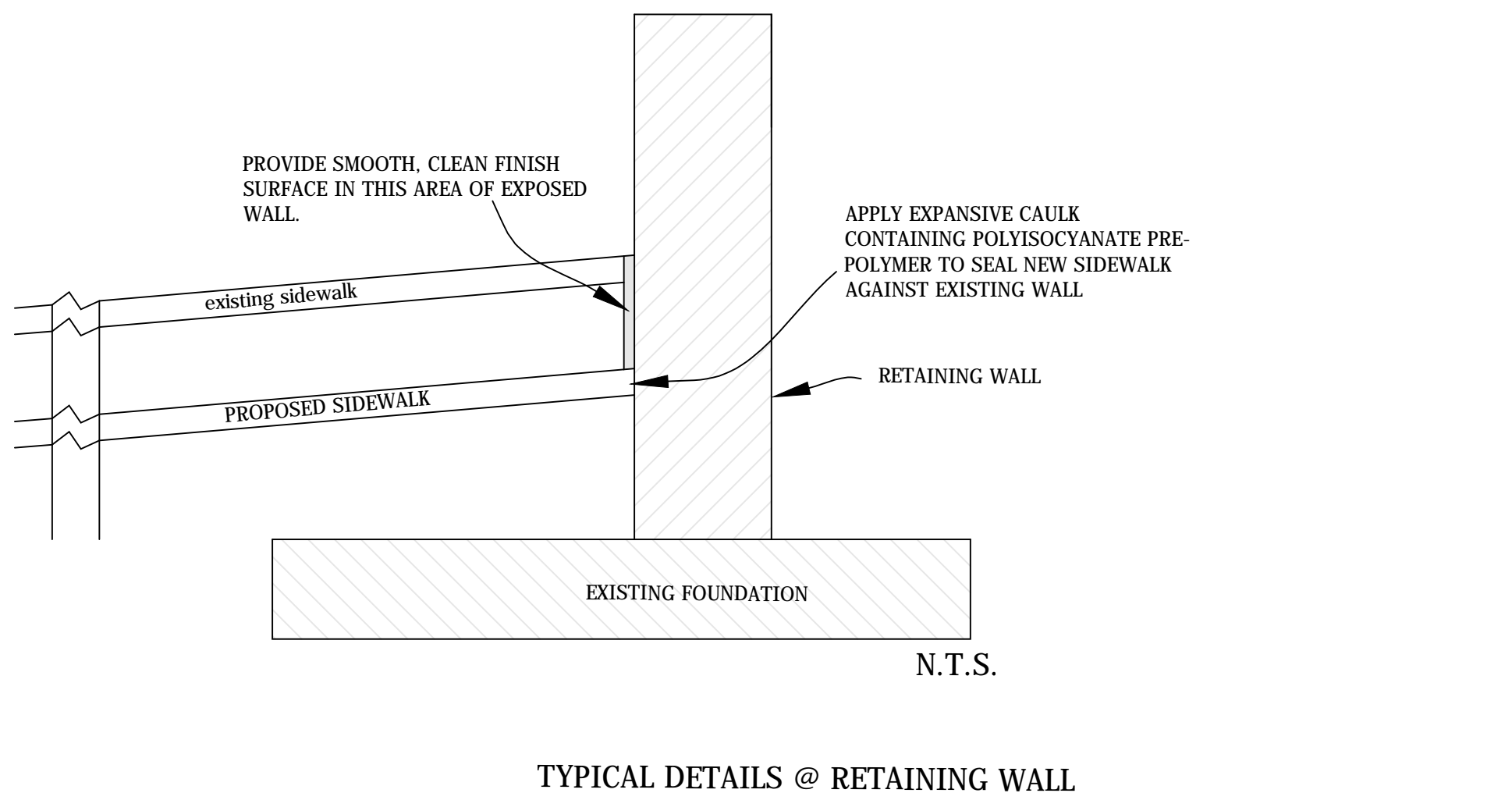
PROJECT NAME AND LOCATION  
N. 14TH STREET & N. UHLE STREET  
DETAILS SHEET  
N. 14TH STREET & N. UHLE STREET  
NE CORNER AT INTERSECTION  
P14D

DESIGNED: K. PATEL  
DRAWN: K. PATEL  
CHECKED: P. RIGBY  
MISS UTILITY TRANSMITTAL #: N/A  
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PLOTTED: MARCH 21 2019  
PLOTTED BY: K.PATEL

SCALE: AS NOTED



ROAD AND BRIDGE STANDARDS	REVISION DATE	SPECIFICATION REFERENCE
SHEET 1 OF 1		315
303.02		

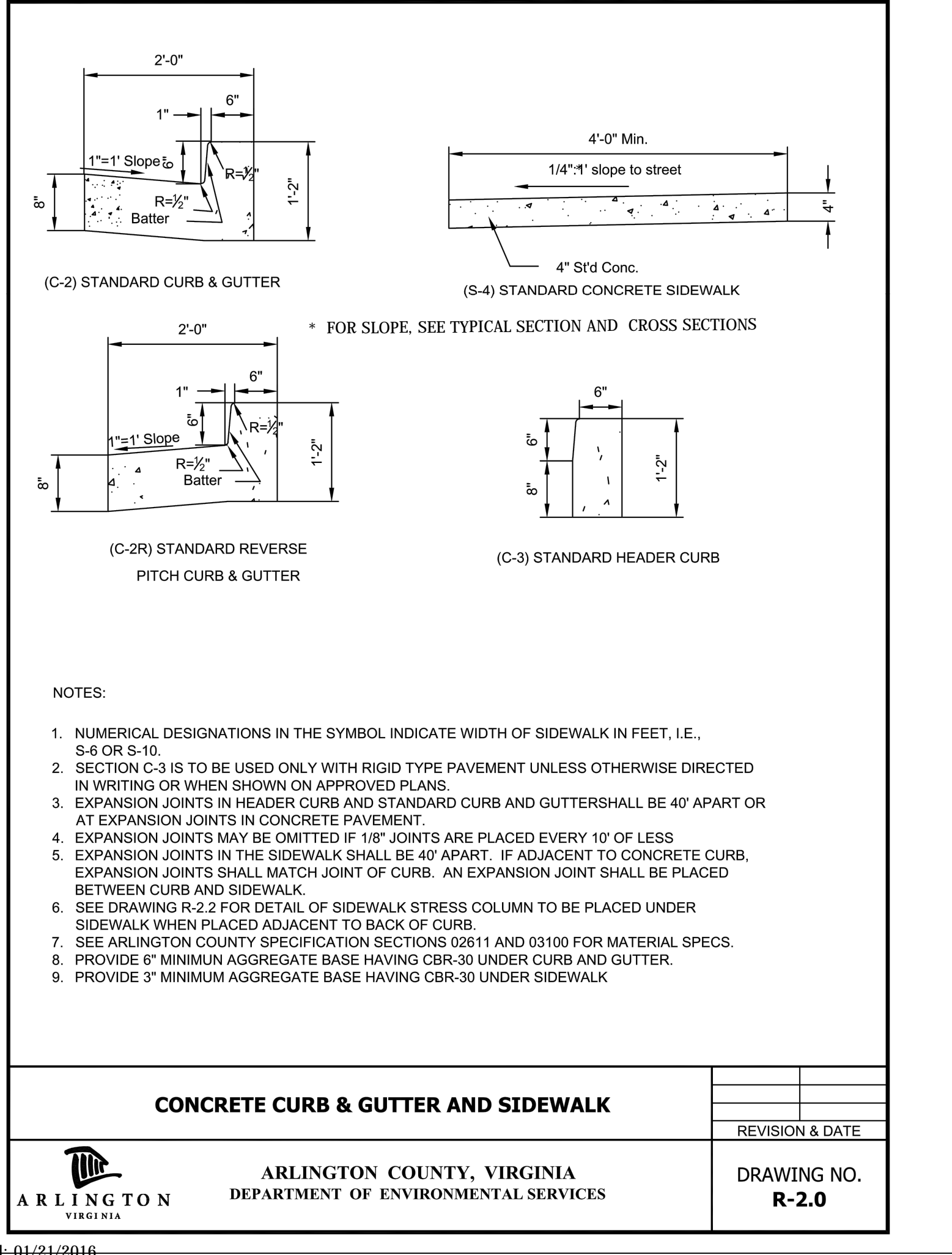
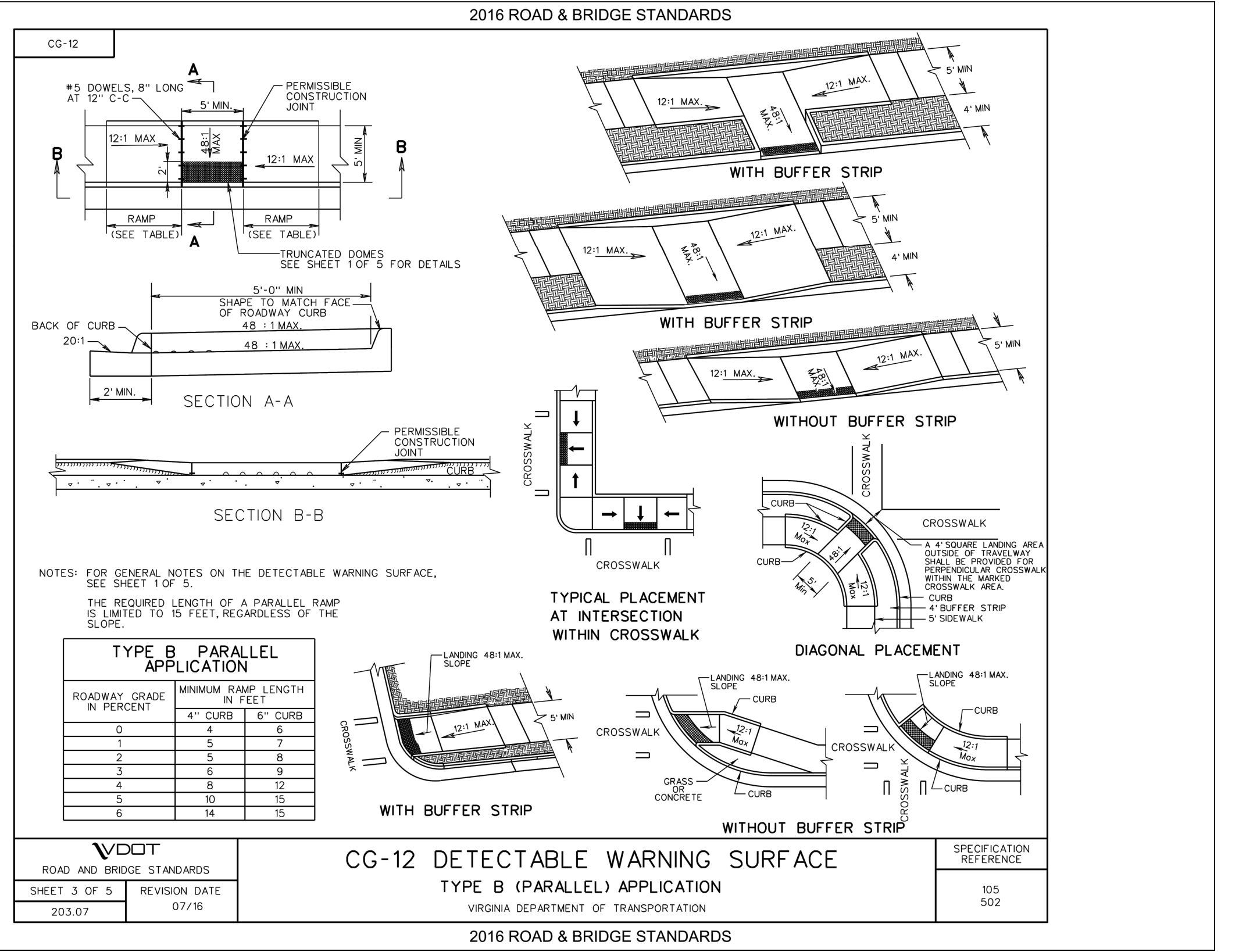


**UTILITIES**

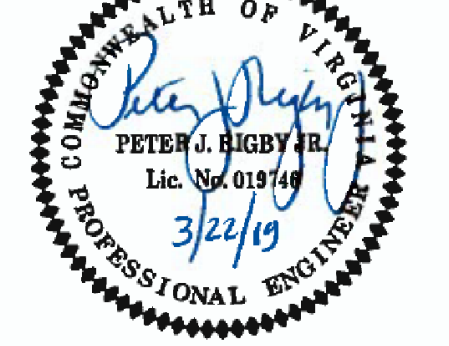
- THE UTILITY INFORMATION SHOWN ON THESE PLANS IS TAKEN FROM INFORMATION RECEIVED FROM DEPARTMENT OF ENVIRONMENTAL SERVICES WHICH DOES NOT GUARANTEE THAT THE UTILITY INFORMATION SHOWN ON THE PLANS IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST VERIFY THE UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
- ALL EXISTING UNDERGROUND UTILITIES SHALL BE MARKED IN THE FIELD BY MISS UTILITY PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING THE FIELD MARKING OF UTILITIES WITH MISS UTILITY.
- ALL EXISTING UNDERGROUND UTILITIES SHALL BE PHYSICALLY LOCATED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF ANY CONSTRUCTION IN THE VICINITY OF THESE UTILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT EXISTING UTILITIES ARE DISCONNECTED, PRIOR TO CLEARING THE SITE OF TREES, BUILDINGS, FOUNDATIONS, ETC. WITHIN THE LIMITS OF CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS INDICATED ON THE CONSTRUCTION PLANS.
- FOR MARKING LOCATIONS OF EXISTING UNDERGROUND UTILITY FACILITIES (GAS, TELEPHONE, ELECTRIC AND CABLE TV), CONTRACTOR SHALL CONTACT "MISS UTILITY" AT 811 OR 1-800-257-7777 48 HOURS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.

**UTILITY COMPANIES**

UTILITY COMPANIES	OFFICE NUMBER	EMERGENCY NUMBER
COMCAST CABLE COMMUNICATIONS	(703) 567-4191	(703) 567-4600
DOMINION VIRGINIA POWER	(703) 838-2210	(703) 934-9660
PEPCO	(202) 872-2845	(202) 833-7500
WASHINGTON GAS	(703) 750-1000	(703) 750-4831
VERIZON	(703) 954-8611	(703) 954-8611
MISS UTILITY	1-800-257-7777	1-800-257-7777



SEAL



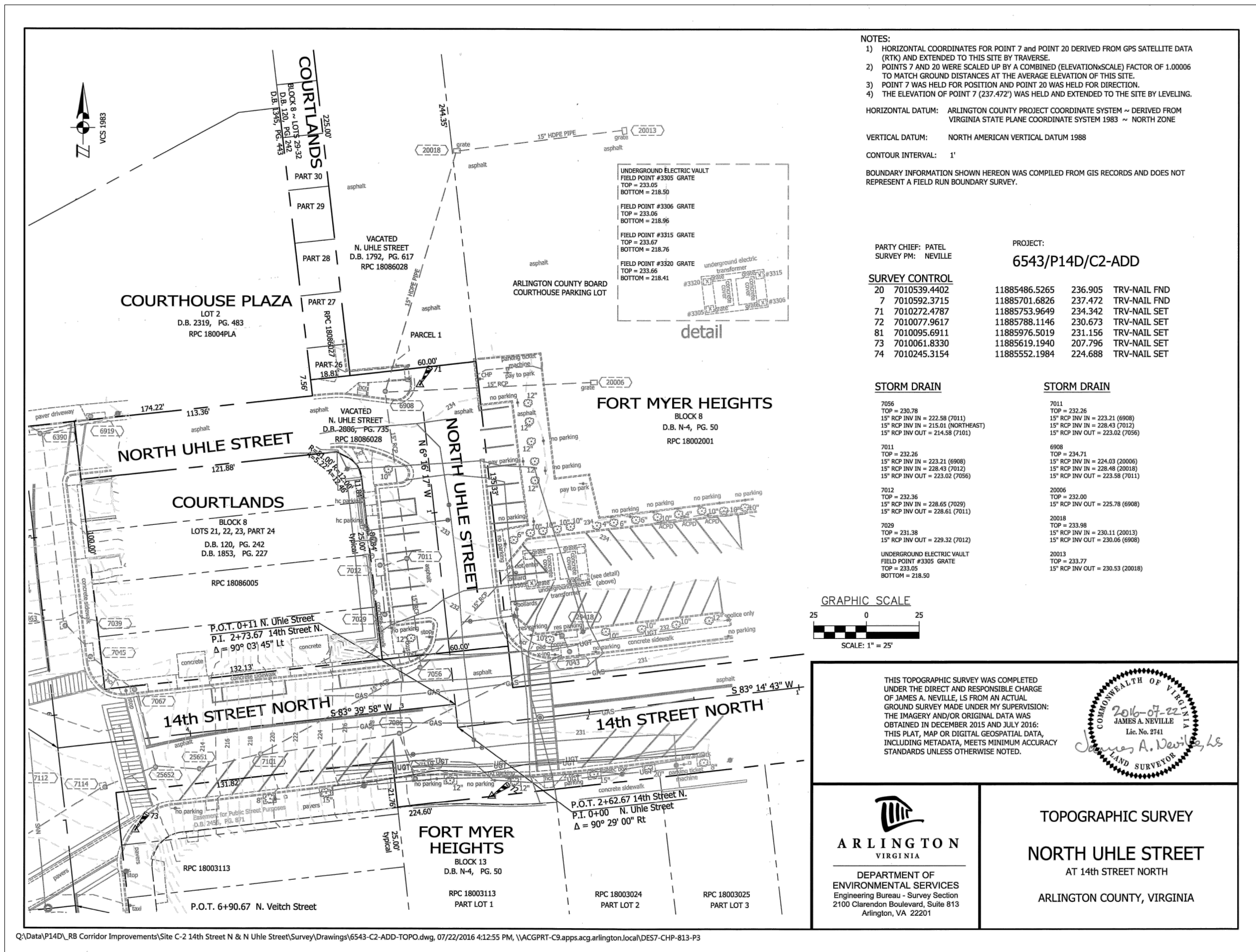
APPROVALS	DATE
QUALITY CONTROL ENGINEER	3/24/19
CONSTRUCTION MANAGEMENT SUPERVISOR	3/28/19
WATER, SEWER, STREETS BUREAU CHIEF	4/2/19
TRANSPORTATION DIRECTOR	3/28/19
PROJECT MANAGER	3/28/19

REVISIONS	DATE

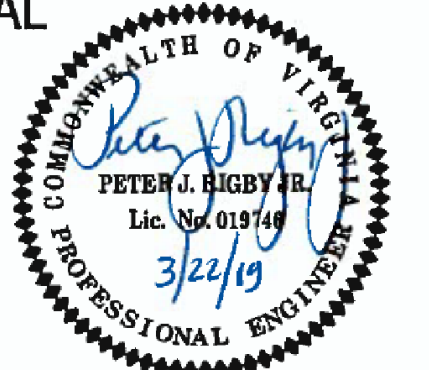
PROJECT NAME AND LOCATION  
N. 14TH STREET & N. UHLE STREET  
EXISTING CONDITIONS  
N. 14TH STREET & N. UHLE STREET  
NE CORNER AT INTERSECTION  
P14D

DESIGNED: K. PATEL  
DRAWN: K. PATEL  
CHECKED: P. RIGBY  
MISS UTILITY TRANSMITTAL #: N/A  
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PLOTTED: MARCH 21 2019  
PLOTTED BY: KPATEL

SCALE:  
  
SHEET 4 OF 16



SEAL



APPROVALS DATE

<i>[Signature]</i>	3/24/19
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	3/28/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	4/2/19
WATER, SEWER, & STREETS BUREAU CHIEF	
<i>[Signature]</i>	3/28/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	3/28/19
PROJECT MANAGER	

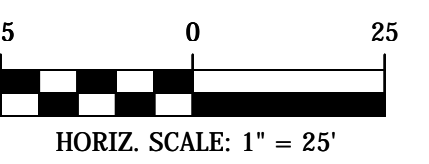
REVISIONS DATE

REVISIONS	DATE

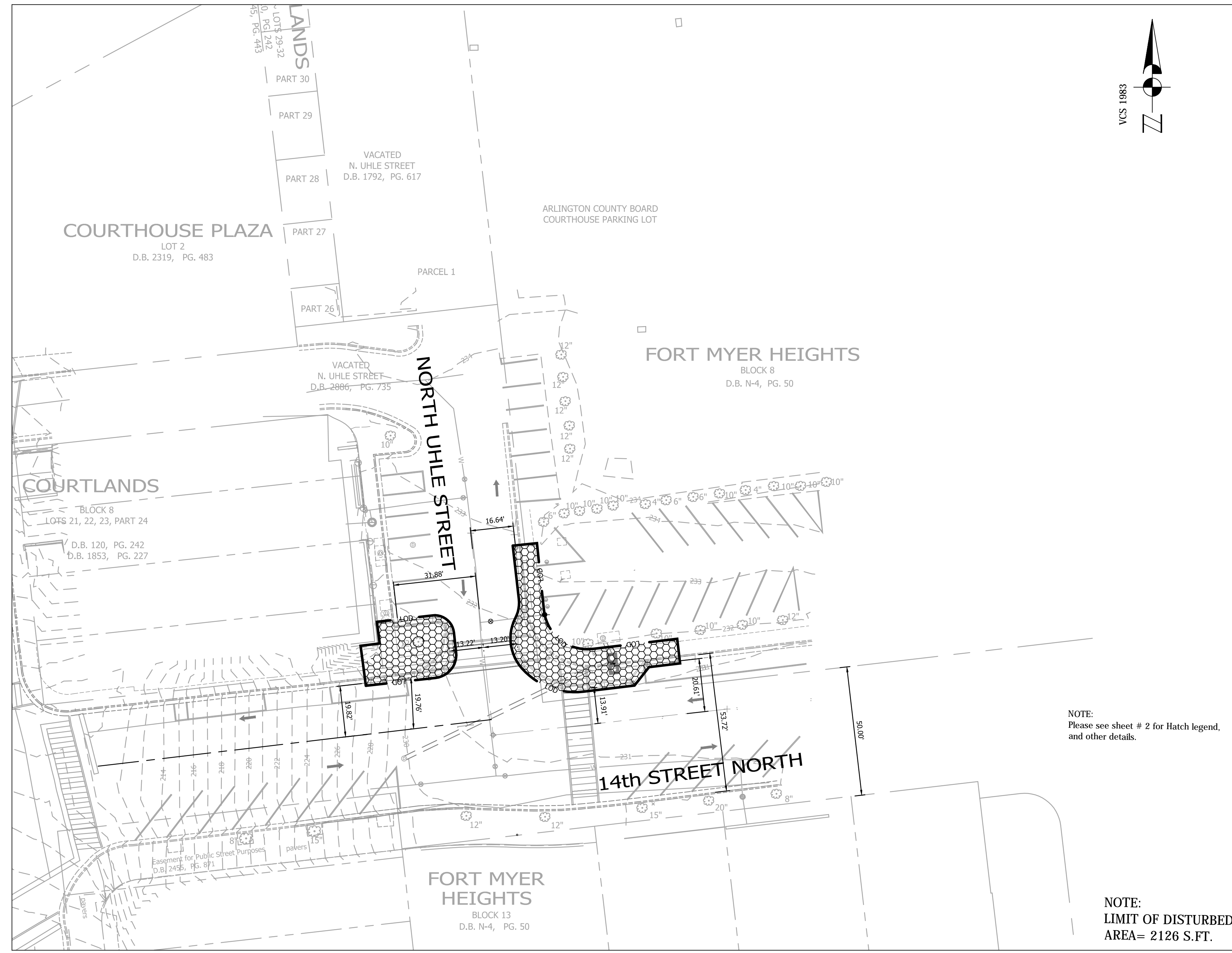
PROJECT NAME AND LOCATION  
N. 14TH STREET & N. UHLE STREET  
**DEMOLITION PLAN**  
N. 14TH STREET & N. UHLE STREET  
NE CORNER AT INTERSECTION  
P14D

DESIGNED: K. PATEL  
DRAWN : K. PATEL  
CHECKED : P. RIGBY  
MISS UTILITY TRANSMITTAL #: N/A  
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PLOTTED BY: KPATEL

SCALE:

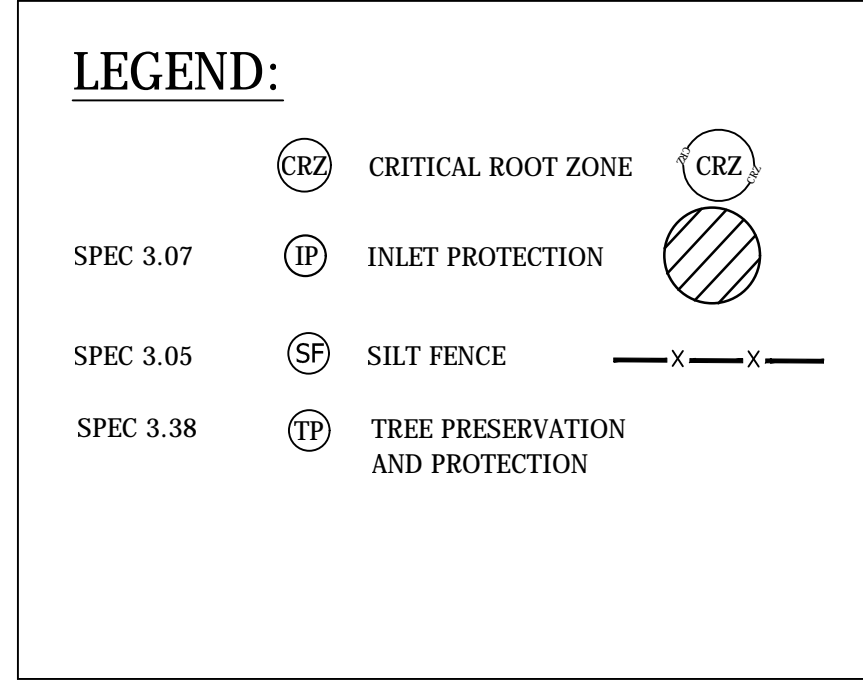
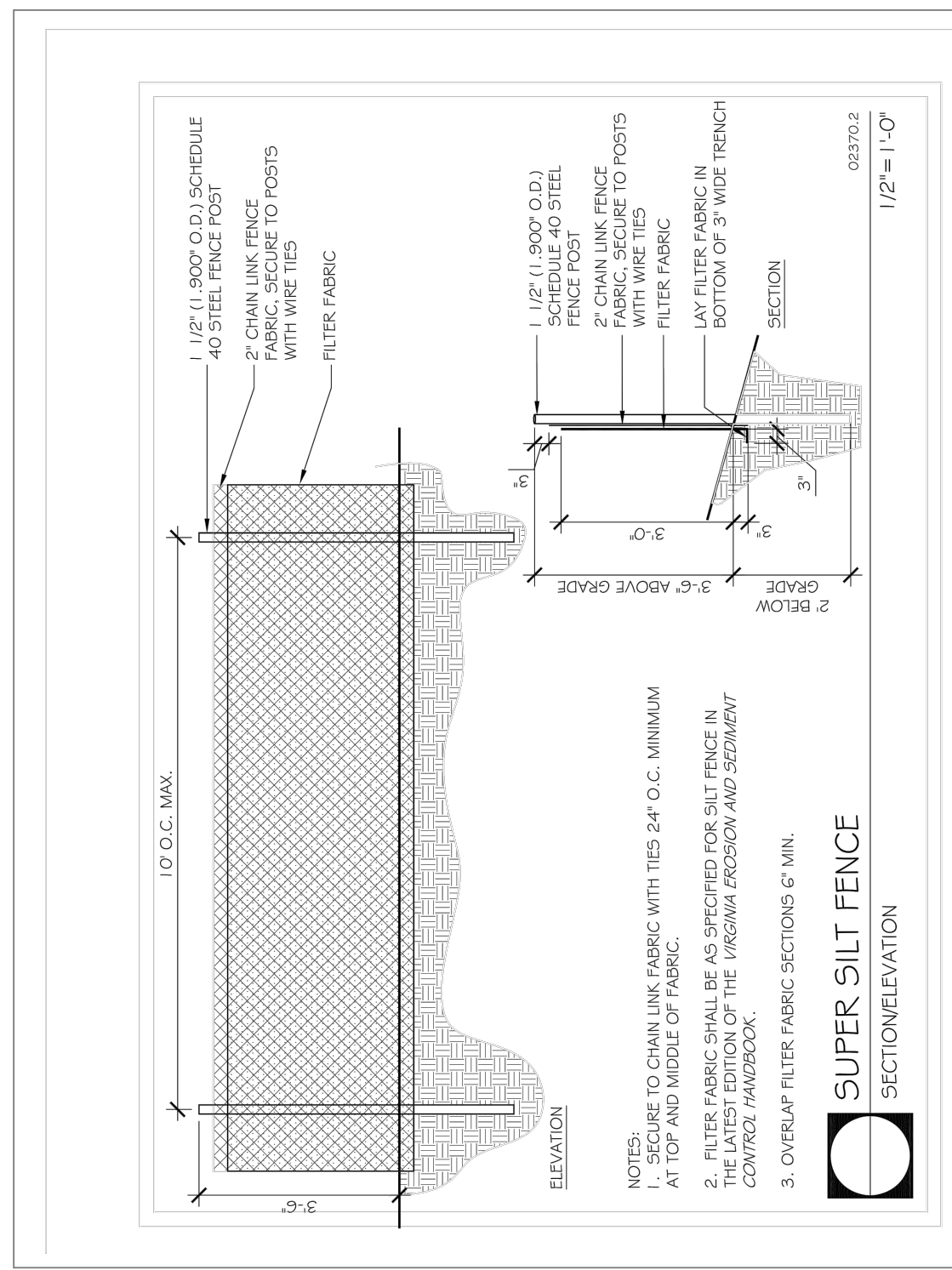
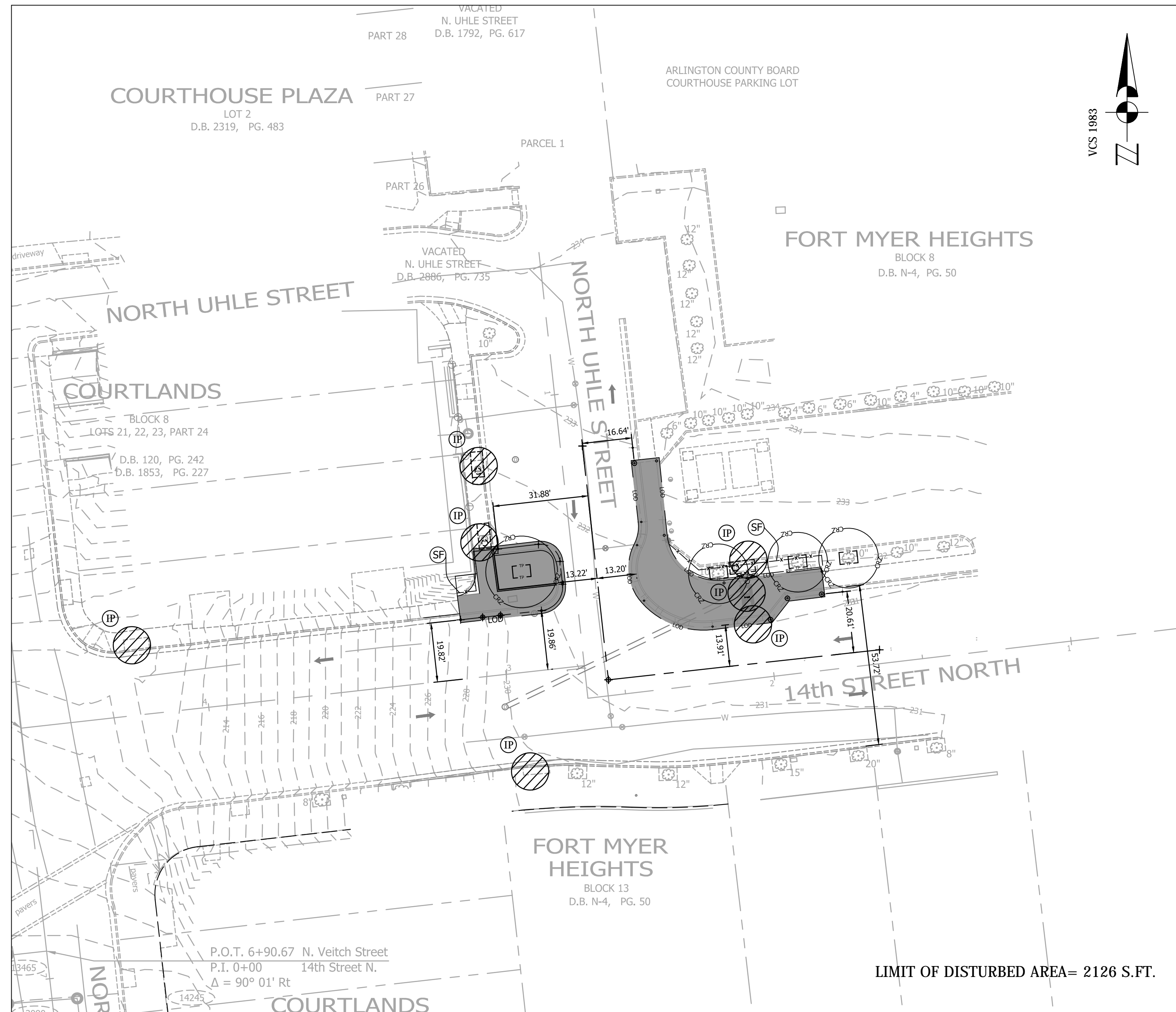


SHEET  
5 OF 16



NOTE:  
Please see sheet # 2 for Hatch legend,  
and other details.

NOTE:  
LIMIT OF DISTURBED  
AREA= 2126 S.F.T.



**Project Detail** Page 1 of 1

**Arlington, Virginia - Capital Improvement Program**

Home | Programs | Projects | Project Groups | DPR Reports | Utilities

Project Summary

Project Code: P140  
 Project Name: 88 Corridor High Priority Accessibility Improvements  
 Program: WALKABILITY  
 Project Type: Sidewalk Reconstruction  
 Project Manager: De La Cruz, Luis J.  
 Neighborhood: Clifton

Current Phase (of 5): 2. Planning  
 Current Status: Active  
 Plan Start Date: 1/22/2013  
 Plan End Date: 11/4/2014  
 Projected Months: 10 months  
 Current Duration: Internal  
 Design Source: Team7AK - Hse Quach  
 Design Team: Hse Quach  
 Main Shop: 15% Planning  
 Primary Street: 15% Planning  
 Secondary Street: 15% Planning  
 Third Street: 15% Planning

Click here for additional business

Next Action by/on: /  
 Monthly Status Report: /  
 Project Cost Estimates: /  
 Expired Project Tracking Report: /  
 Project Progress Report: /  
 Show Archived Project Additional Information: /  
 View Last IIS Snapshot (for PR) (3/24/2013): /  
 Convert to IIS: /

Work Types: Include on County website? No

Project Review Sessions (Click on a date to see more detail on the project review session):

Submitted	Reviewed	Review Status	Snapshot
12/4/2012	12/14/2012	Approved	View

Web Status

Date	User	Comment
1/31/2014	twain	Budget Comment: No change from previous period.
1/31/2014	twain	Schedule Comment: No change from previous period.
1/31/2014	twain	Scope Comment: No change from previous period.

Project Comments: Show All Comments / Add Status Comments / Add General Comments

Project Contacts

Role	Name	Work Phone	Email Address	Entered On
Project Manager	De La Cruz, Luis	3499	luis@arlingtonva.us	12/20/13
Project Manager (other)	Yoon, Sue	3499	sue@arlingtonva.us	3/18/2013

Project Files

Seq.	File Type	File Path or Web Address
1	Document	\\VMPDAT\Information and WALK\Adoptive\Implementations of 88 Corridor Improvements.doc

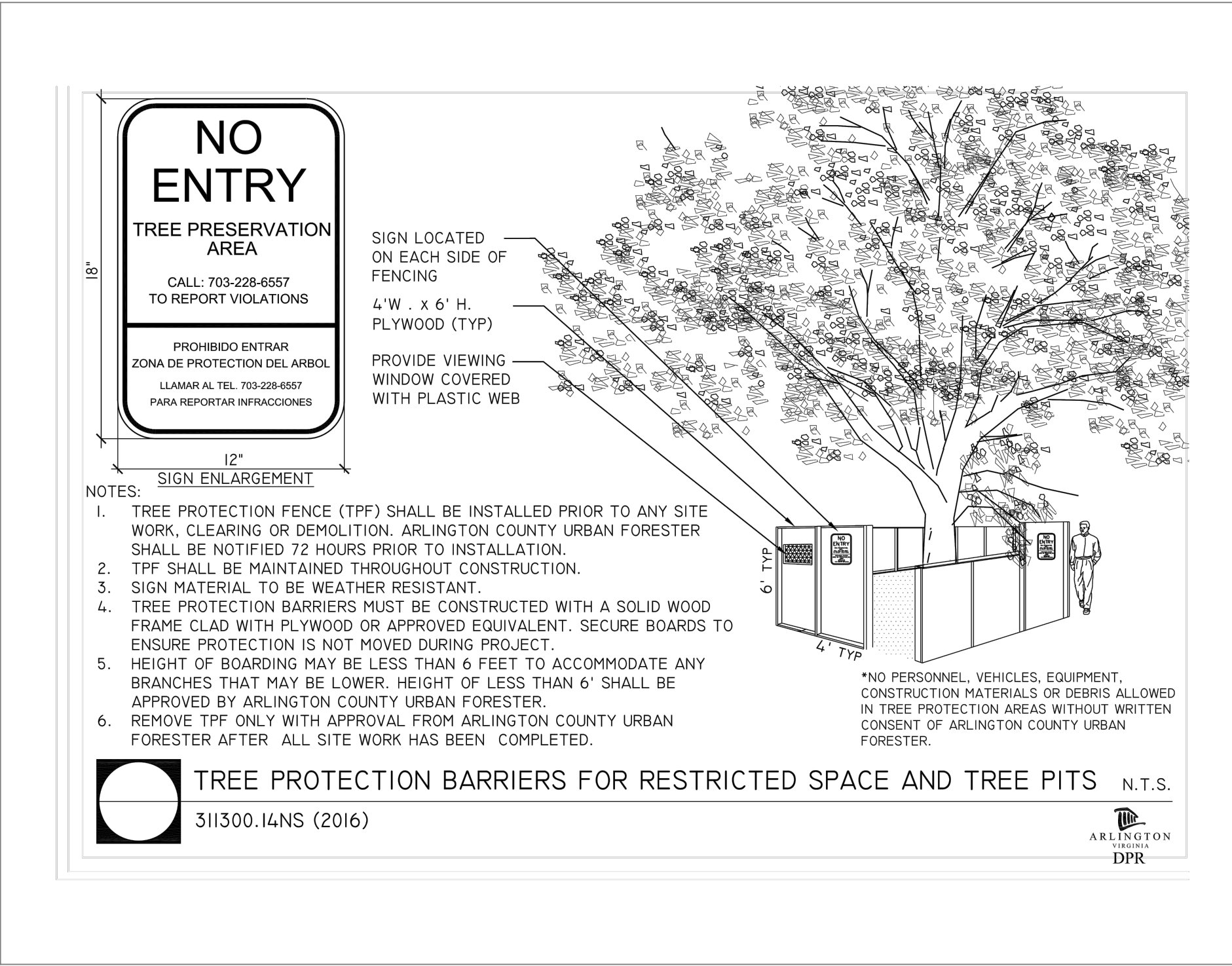
Status Flags

Status Flag	Entered On	Comments
Added	1/15/2013	1/2/13 - Added project to Engineering Schedule on 1/2/13
Funded	12/20/2012	
Initial Project Request	11/9/2012	

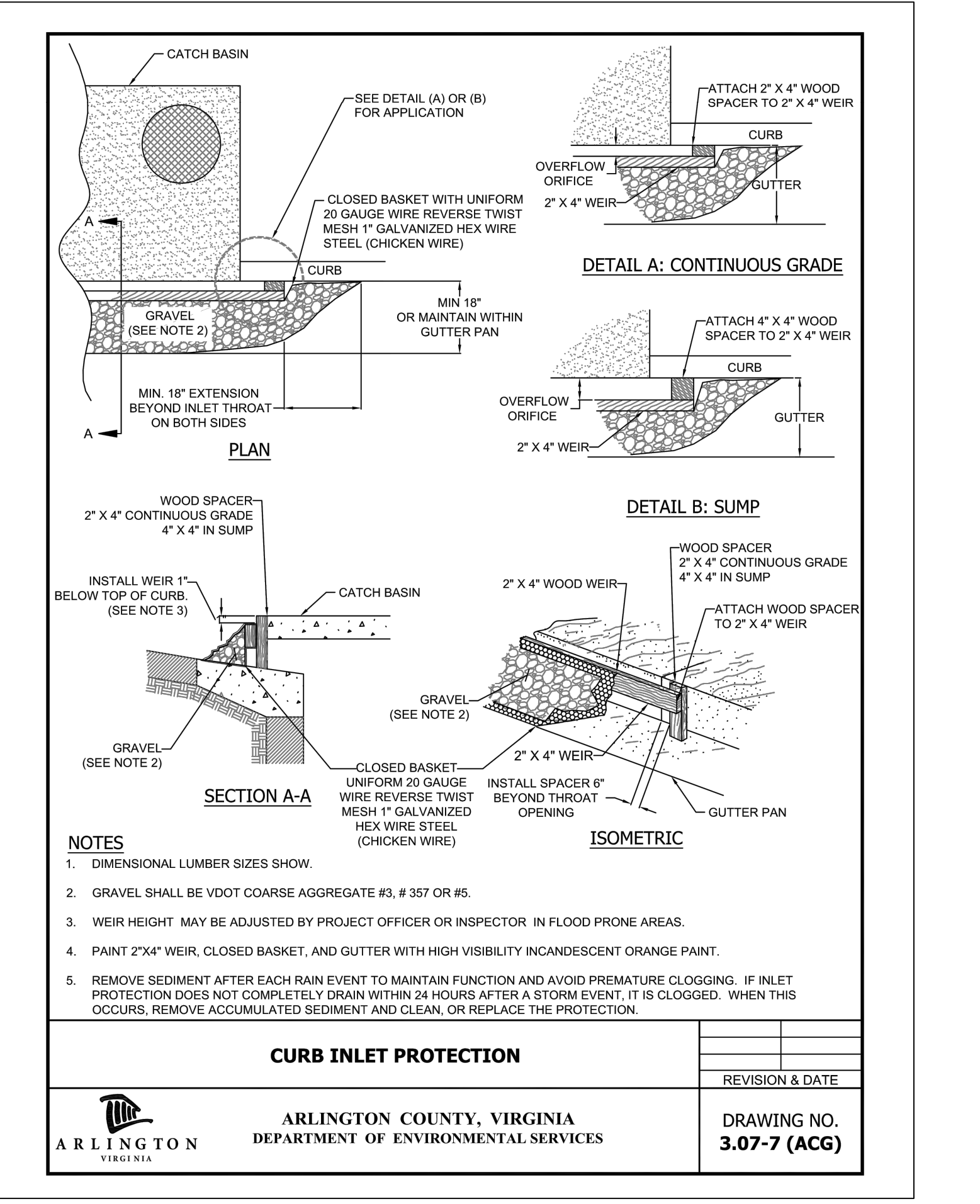
Related Projects/Groups

Group Name	Group Type	Project Names

[http://captrack.arlingtonva.us/ProjectDetailMain.aspx?Proj\\_Id=3494](http://captrack.arlingtonva.us/ProjectDetailMain.aspx?Proj_Id=3494) 03/09/2017



- NOTES:**
- CONTRACTOR TO CONTACT THE ARLINGTON URBAN FORESTER TO SCHEDULE A PRE-CONSTRUCTION INSPECTION OF THE TREE PROTECTION MEASURES BEFORE ANY WORK NEAR THE CRITICAL ROOT ZONES OF THE TREE. TO SCHEDULE THE PRE-CONSTRUCTION MEETING CALL 703-228-1863
  - CONTRACTOR TO PROTECT TREES PER THE PLAN ACCORDING TO THE ARLINGTON COUNTY DPR DESIGN STANDARD DETAIL 311300.14NS
  - CONTRACTOR TO ROOT PRUNE TREE PER THE PLAN ACCORDING TO THE ARLINGTON COUNTY DPR DESIGN STANDARD DETAIL 311100.5, WHERE CALLED OUT ON THE PLAN
  - CONTRACTOR TO CALL THE URBAN FORESTER AT 703-228-1863, 72 HOURS BEFORE PLANTING, TO SCHEDULE INSPECTION OF THE TREES TO BE PLANTED. WARRANTY FOR 1 YEAR AFTER PLANTING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE URBAN FORESTER AND DPR IS RESPONSIBLE FOR INSPECTION.
  - CONTRACTOR TO CONTACT THE ASSIGNED CONSTRUCTION MANAGEMENT SPECIALIST ON THE LDA PERMITS FROM THE DEVELOPMENT SERVICE BUREAU BEFORE START OF CONSTRUCTION



**ARLINGTON VIRGINIA**

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 ARLINGTON, VA 22201  
 PHONE: 703.228.3629  
 FAX: 703.228.3606

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**SEAL**

**APPROVALS** DATE

QUALITY CONTROL ENGINEER: *[Signature]* 3/24/19  
 CONSTRUCTION MANAGEMENT SUPERVISOR: *[Signature]* 3/28/19  
 WATER, SEWER, & STREETS BUREAU CHIEF: *[Signature]* 4/2/19  
 TRANSPORTATION DIRECTOR: *[Signature]* 3/28/19  
 PROJECT MANAGER: *[Signature]* 3/28/19

**REVISIONS** DATE

NO.	DESCRIPTION	DATE

**PROJECT NAME AND LOCATION**

N. 14TH STREET & N. UHLE STREET  
 EROSION AND SEDIMENT CONTROL PLAN  
 N. 14TH STREET & N. UHLE STREET  
 NE CORNER AT INTERSECTION

DESIGNED: K. PATEL  
 DRAWN: K. PATEL  
 CHECKED: P. RIGBY  
 MISS UTILITY TRANSMITTAL #: N/A

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PLOTTED: MARCH 21 2019  
 PLOTTED BY: KPATEL

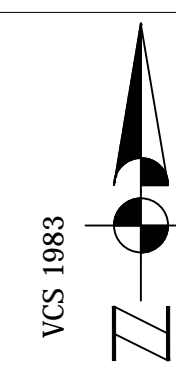
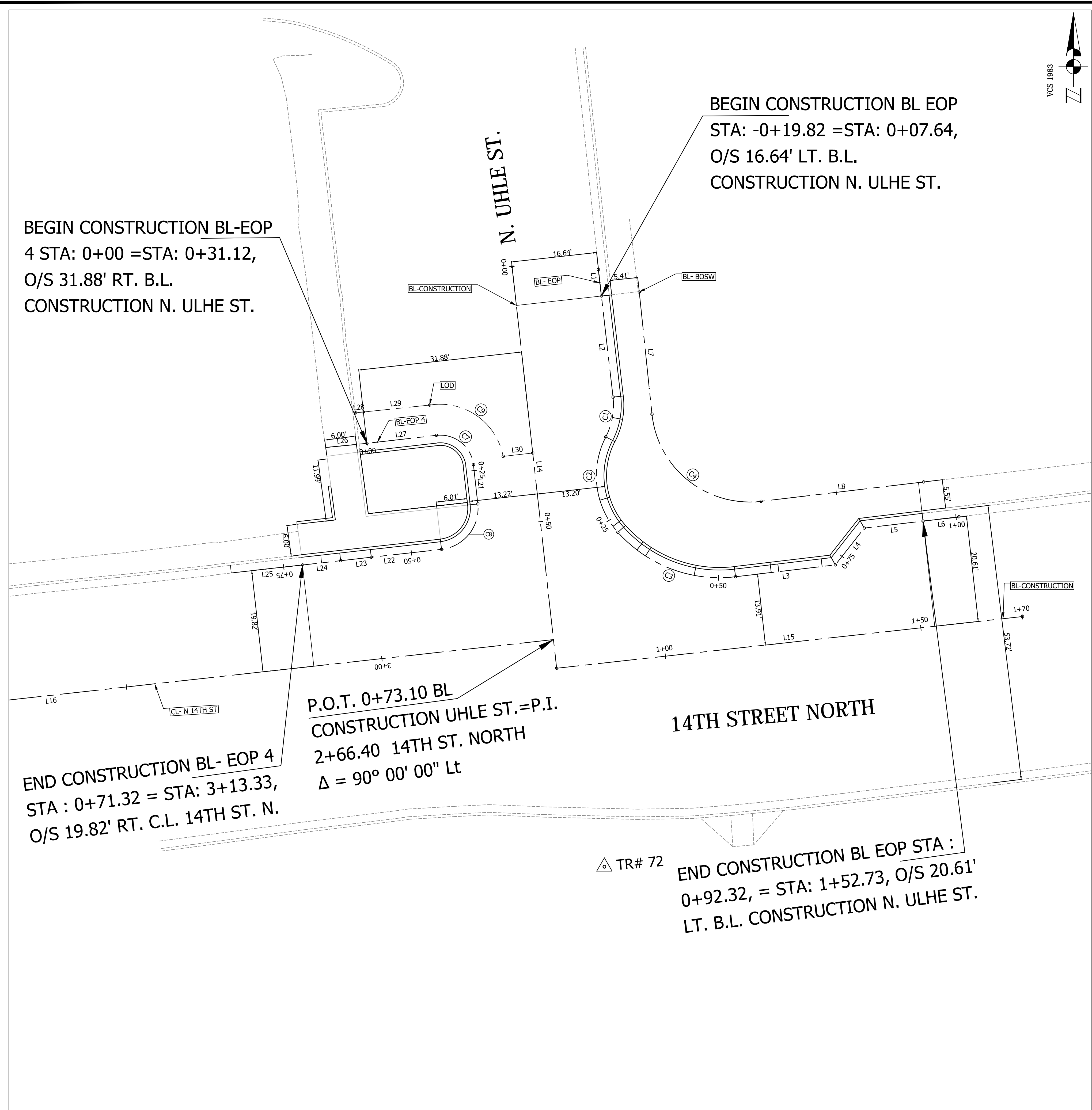
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GRAPHIC SCALE  
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**SHEET**

6 OF 16

N. 14TH STREET & N. UHLE STREET



BL- EOP							
Length	Radius	Line/Chord Direction	Station (Start)	Station (End)	Northing, Easting (Start)	Northing, Easting (End)	
C1	7.99	S10° 22' 43.84"W	-0+00.00	0+07.99	7010169.38, 11885789.79	7010161.64, 11885788.37	
C2	19.91	S7° 13' 55.02"E	0+07.99	0+27.90	7010161.64, 11885788.37	7010143.06, 11885790.73	
C3	25.43	S69° 17' 43.56"E	0+27.90	0+53.33	7010143.06, 11885790.73	7010134.41, 11885813.62	
L1	5.18	S6° 34' 44.71"E	-0+25.00	-0+19.82	7010194.22, 11885786.93	7010189.07, 11885787.52	
L2	19.82	S6° 34' 44.71"E	-0+19.82	-0+00.00	7010189.07, 11885787.52	7010169.38, 11885789.79	
L3	19.56	N83° 12' 35.29"E	0+53.33	0+72.90	7010134.41, 11885813.62	7010136.72, 11885833.05	
L4	9.11	N38° 10' 16.90"E	0+72.90	0+82.01	7010136.72, 11885833.05	7010143.88, 11885838.68	
L5	11.52	N83° 10' 42.93"E	0+82.01	0+93.53	7010143.88, 11885838.68	7010145.25, 11885850.12	
L6	7.00	N83° 10' 42.93"E	0+93.53	1+00.53	7010145.25, 11885850.12	7010146.08, 11885857.07	

BL- BOSW							
Length	Radius	Line/Chord Direction	Station (Start)	Station (End)	Northing, Easting (Start)	Northing, Easting (End)	
C4	30.25	S51° 21' 51.89"E	0+04.99	0+35.25	7010166.07, 11885797.36	7010149.10, 11885818.60	
L7	23.89	S5° 56' 19.06"E	-0+18.89	0+04.99	7010189.84, 11885794.89	7010166.07, 11885797.36	
L8	31.84	N83° 12' 35.29"E	0+35.25	0+67.09	7010149.10, 11885818.60	7010152.87, 11885850.22	

BL-CONSTRUCTION							
Length	Radius	Line/Chord Direction	Station (Start)	Station (End)	Northing, Easting (Start)	Northing, Easting (End)	
L14	78.71	S6° 20' 01.72"E	0+00.00	0+78.71	7010194.83, 11885770.14	7010116.61, 11885778.82	
L15	91.17	N83° 39' 58.28"E	0+78.71	1+69.88	7010116.61, 11885778.82	7010126.66, 11885869.44	

CL- N 14TH ST							
Length	Radius	Line/Chord Direction	Station (Start)	Station (End)	Northing, Easting (Start)	Northing, Easting (End)	
L16	196.89	S83° 39' 58.28"W	2+66.40	4+63.29	7010122.18, 11885778.20	7010100.46, 11885582.51	

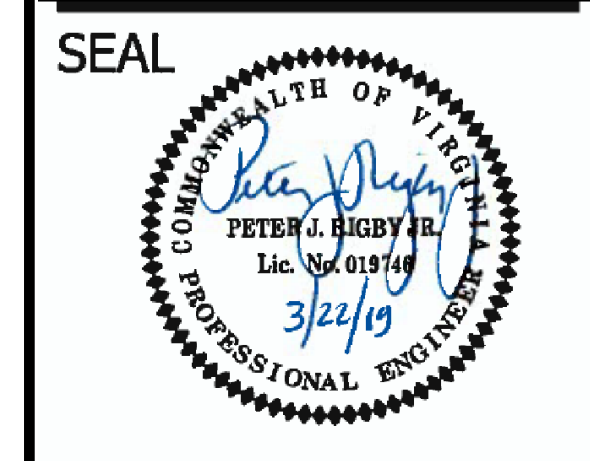
BL-EOP 4							
Length	Radius	Line/Chord Direction	Station (Start)	Station (End)	Northing, Easting (Start)	Northing, Easting (End)	
C7	10.24	S51° 27' 34.95"E	0+13.63	0+23.87	7010161.95, 11885755.43	7010156.21, 11885762.63	
C8	12.57	S38° 37' 26.51"W	0+31.53	0+44.10	7010148.59, 11885763.48	7010139.75, 11885756.42	
L21	7.66	S6° 20' 01.72"E	0+23.87	0+31.53	7010156.21, 11885762.63	7010148.59, 11885763.48	
L22	13.76	S83° 34' 54.73"W	0+44.10	0+57.86	7010139.75, 11885756.42	7010138.21, 11885742.74	
L23	6.00	S83° 34' 54.74"W	0+57.86	0+63.86	7010138.21, 11885742.74	7010137.54, 11885736.78	
L24	7.46	S83° 34' 54.73"W	0+63.86	0+71.32	7010137.54, 11885736.78	7010136.71, 11885729.37	
L25	13.96	S83° 34' 54.73"W	0+71.32	0+85.28	7010136.71, 11885729.37	7010135.15, 11885715.49	
L26	8.05	N84° 16' 11.09"E	-0+08.05	0+00.00	7010159.58, 11885733.88	7010160.38, 11885741.89	
L27	13.63	N83° 24' 51.83"E	0+00.00	0+13.63	7010160.38, 11885741.89	7010161.95, 11885755.43	

LOD							
Length	Radius	Line/Chord Direction	Station (Start)	Station (End)	Northing, Easting (Start)	Northing, Easting (End)	
C9	19.33	S55° 07' 16.19"E	0+12.99	0+32.32	7010167.83, 11885754.09	7010157.85, 11885768.41	
L28	1.51	N84° 00' 25.68"E	-0+01.50	0+00.01	7010166.32, 11885739.68	7010166.48, 11885741.18	
L29	12.98	N84° 00' 25.68"E	0+00.01	0+12.99	7010166.48, 11885741.18	7010167.83, 11885754.09	
L30	5.80	N83° 40' 49.77"E	0+32.32	0+38.12	7010157.85, 11885768.41	7010158.49, 11885774.17	

**SURVEY CONTROL:**

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
20	7010539.4402	11885486.5265	236.905	TRV-NAIL FND
7	7010592.3715	11885701.6826	237.472	TRV-NAIL FND
71	7010272.4787	11885753.9649	234.342	TRV-NAIL SET
72	7010077.9617	11885788.1146	230.673	TRV-NAIL SET
81	7010095.6911	11885976.5019	231.156	TRV-NAIL SET
73	7010061.8330	11885619.1940	207.796	TRV-NAIL SET
74	7010245.3154	11885552.1984	224.688	TRV-NAIL SET

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 ARLINGTON, VA 22201  
 PHONE: 703.228.3629  
 FAX: 703.228.3606



**APPROVALS DATE**

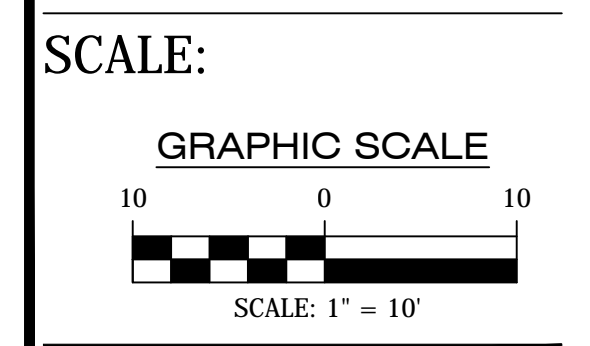
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 CONSTRUCTION MANAGEMENT SUPERVISOR: [Signature] 4/2/19  
 WATER, SEWER, & STREETS BUREAU CHIEF: [Signature] 3/28/19  
 TRANSPORTATION DIRECTOR: [Signature] 3/28/19  
 PROJECT MANAGER: [Signature] 3/28/19

**REVISIONS DATE**

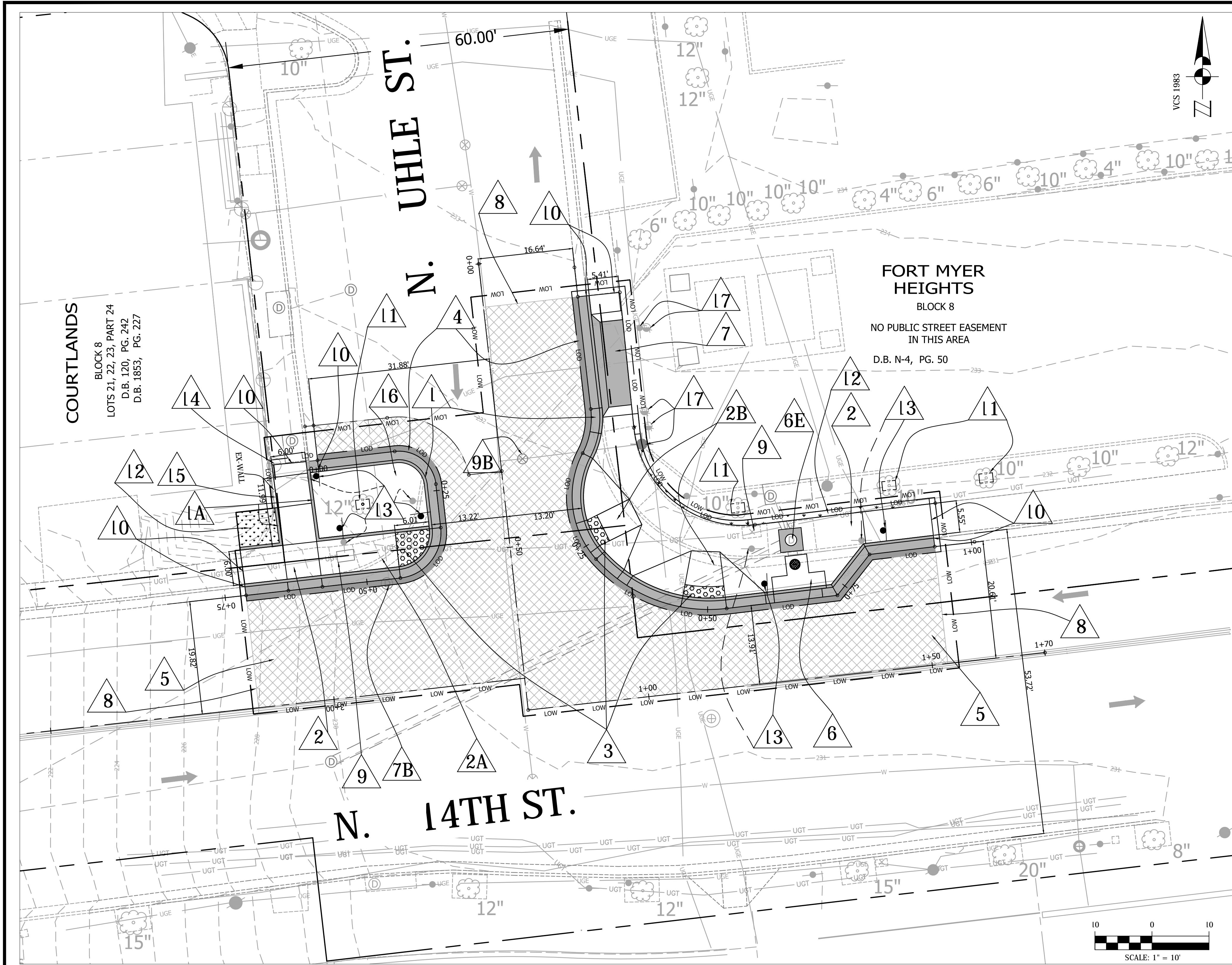
NO.	DESCRIPTION	DATE

**PROJECT NAME AND LOCATION**  
 N. 14TH STREET & N. UHLE STREET  
**GEOMETRIC CONTROL**  
 N. 14TH STREET & N. UHLE STREET  
 NE CORNER AT INTERSECTION

DESIGNED: K. PATEL  
 DRAWN: R. PATEL  
 CHECKED: P. RIGBY  
 MISS UTILITY TRANSMITTAL #: N/A  
 FILENAME: P14D\_C2-122-CORRIDOR.DWG  
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 PLOTTED: MARCH 20 2019  
 PLOTTED BY: KPATEL



**SHEET**  
 7 OF 16  
 N. 14TH STREET & N. UHLE STREET

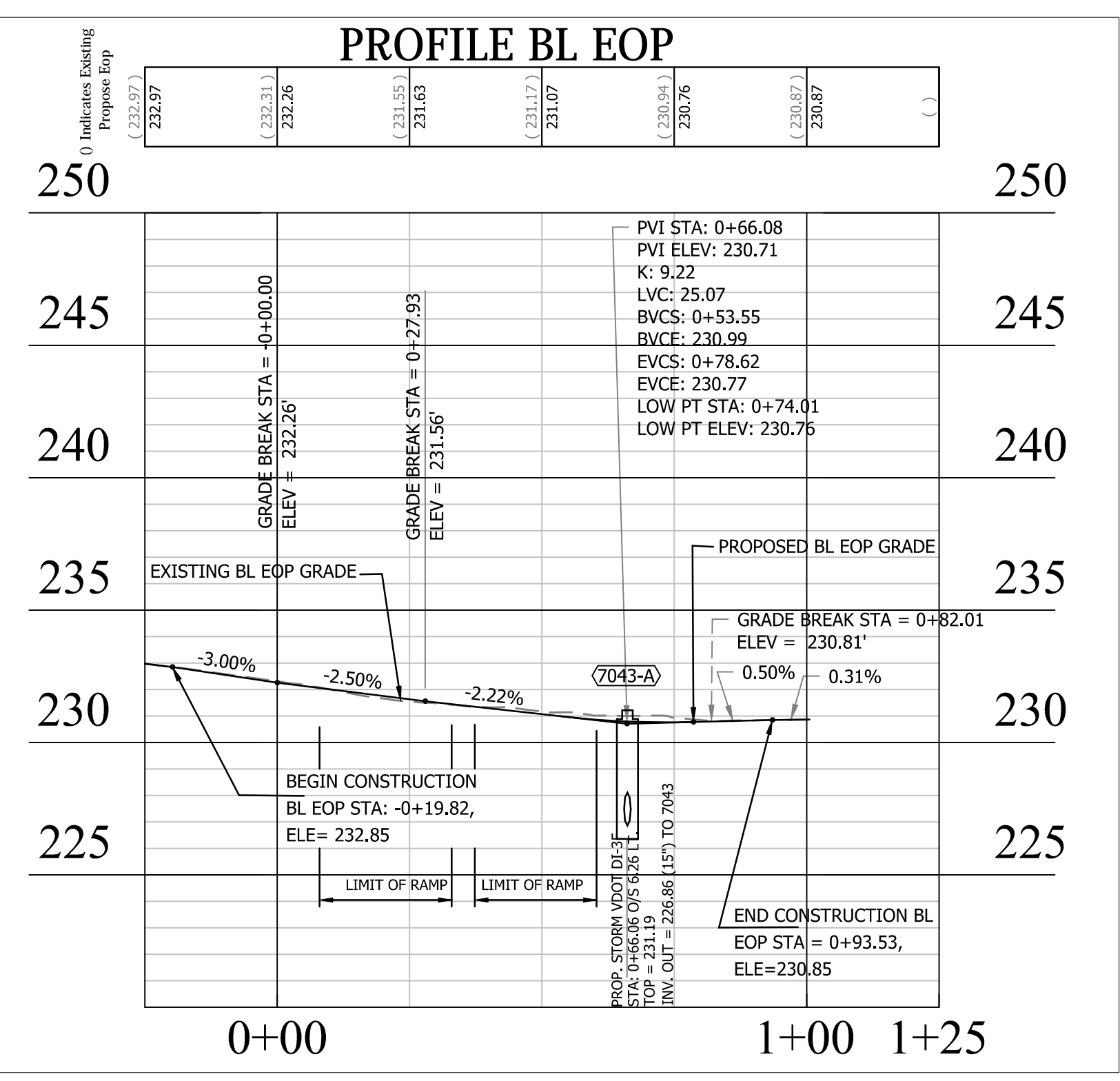


**NOTE:**  
 PROJECT MANAGER: RICHARD VIOLA, ARLINGTON COUNTY, 703-228-3699  
 SURVEYED BY: COUNTY SURVEYOR, ARLINGTON COUNTY, 703-228-7496  
 DESIGNED BY: K. PATEL, ARLINGTON COUNTY, 703-228-3503  
 SUBSURFACE UTILITY DATA PROVIDED BY : ARLINGTON COUNTY, ARLINGTON COUNTY, 703-228-7496

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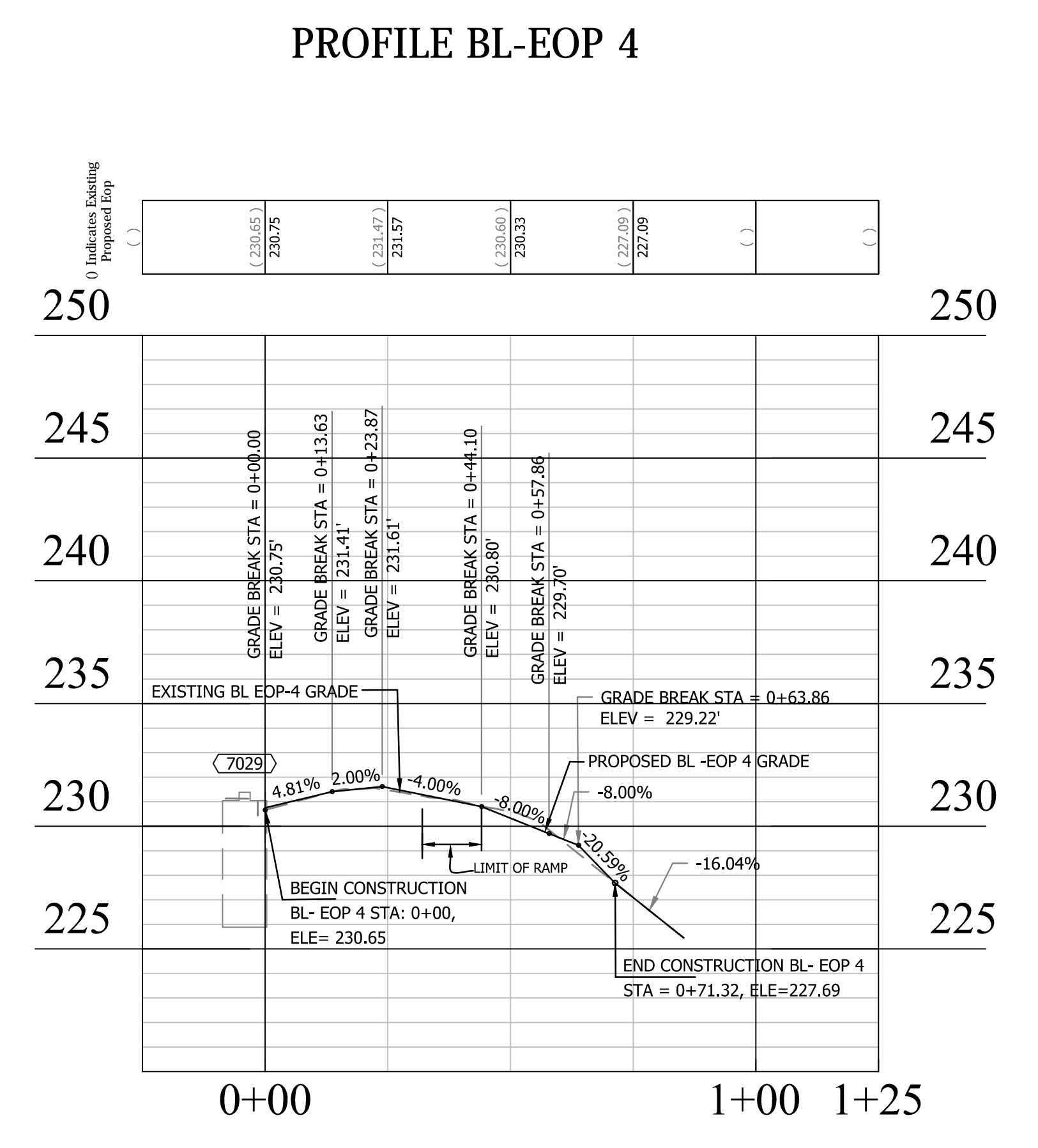


**SEAL**

COMMONWEALTH OF VIRGINIA  
 PROFESSIONAL ENGINEER  
 PETER A. RIGBY JR.  
 Lic. No. 01874  
 3/21/19

APPROVALS	DATE
[Signature]	3/24/19
QUALITY CONTROL ENGINEER	
[Signature]	3/28/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
[Signature]	4/2/19
WATER, SEWER, & STREETS BUREAU CHIEF	
[Signature]	3/28/19
TRANSPORTATION DIRECTOR	
[Signature]	3/28/19
PROJECT MANAGER	

REVISIONS	DATE



**PROJECT NAME AND LOCATION**  
 N. 14TH STREET & N. UHLE STREET

**PLAN AND PROFILE**  
 N. 14TH STREET & N. UHLE STREET  
 NE CORNER AT INTERSECTION

DESIGNED: K. PATEL  
 DRAWN: K. PATEL  
 CHECKED: P. RIGBY  
 MISS UTILITY TRANSMITTAL #: N/A  
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 PLOTTED: MARCH 21 2019  
 PLOTTED BY: KPATEL

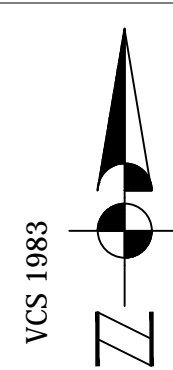
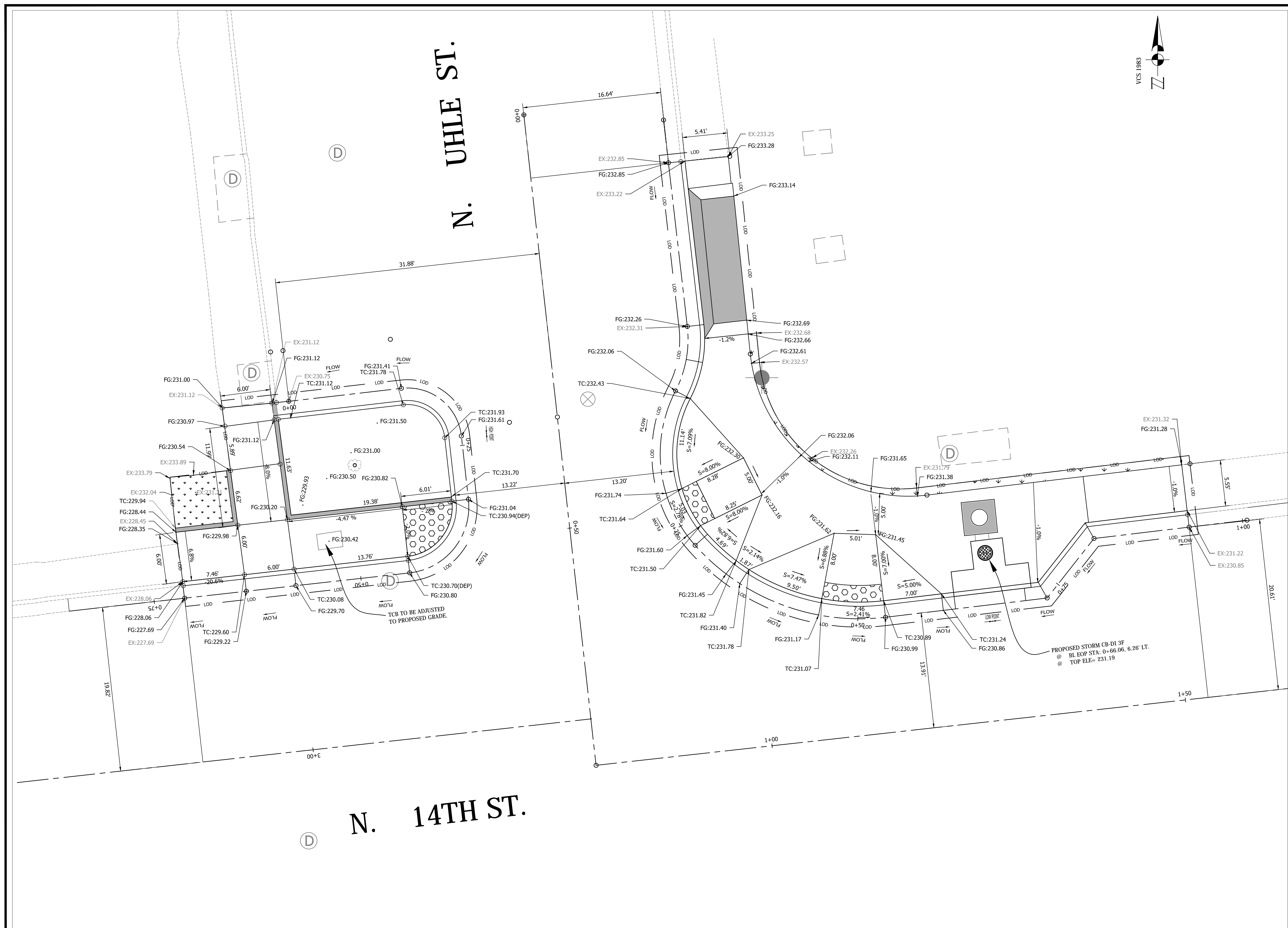
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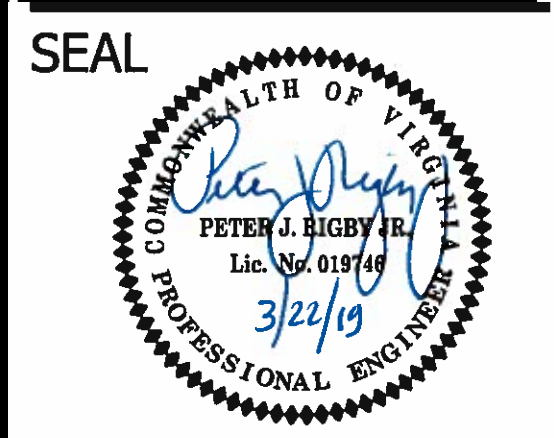
- CONSTRUCTION NOTES:**
- ▲ PROPOSED CURB AND GUTTER (C-2) ARLINGTON COUNTY STANDARD (R-2.0)
  - ▲ PROPOSED HEADER CURB (C-3) ARLINGTON COUNTY STANDARD (R-2.0)
  - ▲ PROPOSED SIDEWALK (S-4) ARLINGTON COUNTY STANDARD (R-2.0)
  - ▲ PROPOSED CURB RAMP (CG-12 B MOD.) VDOT ROAD & BRIDGE STANDARDS (203.07). SEE SHEET 3 OF 13.
  - ▲ PROPOSED CURB RAMP (CG-12 A MOD.) VDOT ROAD & BRIDGE STANDARDS (203.06). SEE SHEET 3 OF 13.
  - ▲ PROPOSED DETECTABLE WARNING SURFACE DARK GRAY COLOR PER VDOT ROAD & BRIDGE STANDARDS (CG-12).
  - ▲ PROPOSED ASPHALT - FULL DEPTH REPLACEMENT AS PER TYPICAL VDOT STANDARDS (SEE DETAILS ON SHEET 3 OF 16)
  - ▲ ASPHALT - MILL AND OVERLAY (4" TO 3") PER VDOT TYPICAL SECTION. (SEE DETAILS ON SHEET 3 OF 16)
  - ▲ INSTALL CATCH BASIN CB-2 ARLINGTON COUNTY STANDARD (D-1.2)
  - ▲ CONVERT EXISTING CATCH BASIN TO STORM MANHOLE MH1 (ARLINGTON COUNTY DETAIL D-3.0)
  - ▲ PROPOSED COMMERCIAL DRIVEWAY ENTRANCE, COUNTY STANDARD (R-2.4C)
  - ▲ ADJUST EXISTING STORM SEWER MANHOLE COVERS TO PROPOSED GRADE
  - ▲ PROVIDE CONSTRUCTION JOINT AS PER VDOT R&B. STD. WP-2, PAGE (303.02) SEE DETAILS ON SHEET 3 OF 16

- ▲ UTILITY MH OR TRAFFIC BOX, VERTICAL ADJUSTMENT TO NEW GRADE ARLINGTON COUNTY STANDARD (DETAIL S-2.5)
- ▲ ADJUST EXISTING WATER VALVE TO NEW GRADE
- ▲ MATCH EXISTING T.O.C. OR SIDEWALK GRADE. (CLEAN LINE SAW CUT AND RESET CONCRETE SIDEWALK WILL BE NEEDED.)
- ▲ PROTECT TREE DURING CONSTRUCTION OF PROPOSED WORK AS SHOWN. CALL URBAN FORESTER (702-228-6557) PRIOR TO BEGINNING WORK ADJACENT TO TREE.
- ▲ SOD, TALL FESCUE/ BLUEGRASS MIXTURE (AS PER ACG STANDARDS -DES SECTION 329200, & 329100 PLANTING PREPARATION)
- ▲ RELOCATE TRAFFIC CONTROL SIGNS, WITH NEW POST (D1-3B). INSTALL PER DETAIL (SG-1.0) SEE SHEET # 11 FOR DETAIL (R8-3A, R9-8, R5-1, R7-3)
- ▲ REMOVE AND RESET PARKING METER, CONTRACTOR TO CALL ARLINGTON COUNTY @ 703-228-6574 (T.E. & O. DEPARTMENT)
- ▲ REPLACE EXISTING WALK TO PROPOSED GRADE, UP TO EXISTING WALL. CONTRACTOR IS NOT TO DISTURB FOUNDATION OF WALL, AND PROVIDE SMOOTH CLEAN FINISH TO EXPOSED EXISTING WALL. SEE DETAIL ON SHEET # 3.
- ▲ REMOVE AND RESET ORNAMENTAL STONES TO NEW GRADE, BEHIND THE CURB
- ▲ EXISTING FIRE HYDRANT/BOLLARDS TO REMAIN.





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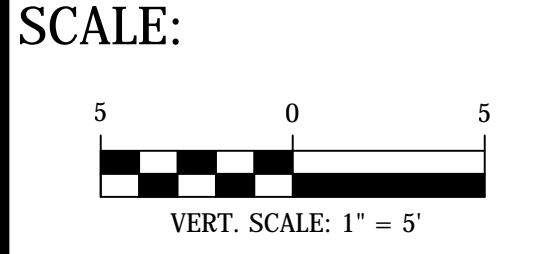


APPROVALS	DATE
<i>[Signature]</i>	3/28/19
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	3/28/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	4/2/19
WATER, SEWER, & STREETS BUREAU CHIEF	
<i>[Signature]</i>	3/28/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	3/28/19
PROJECT MANAGER	

REVISIONS	DATE

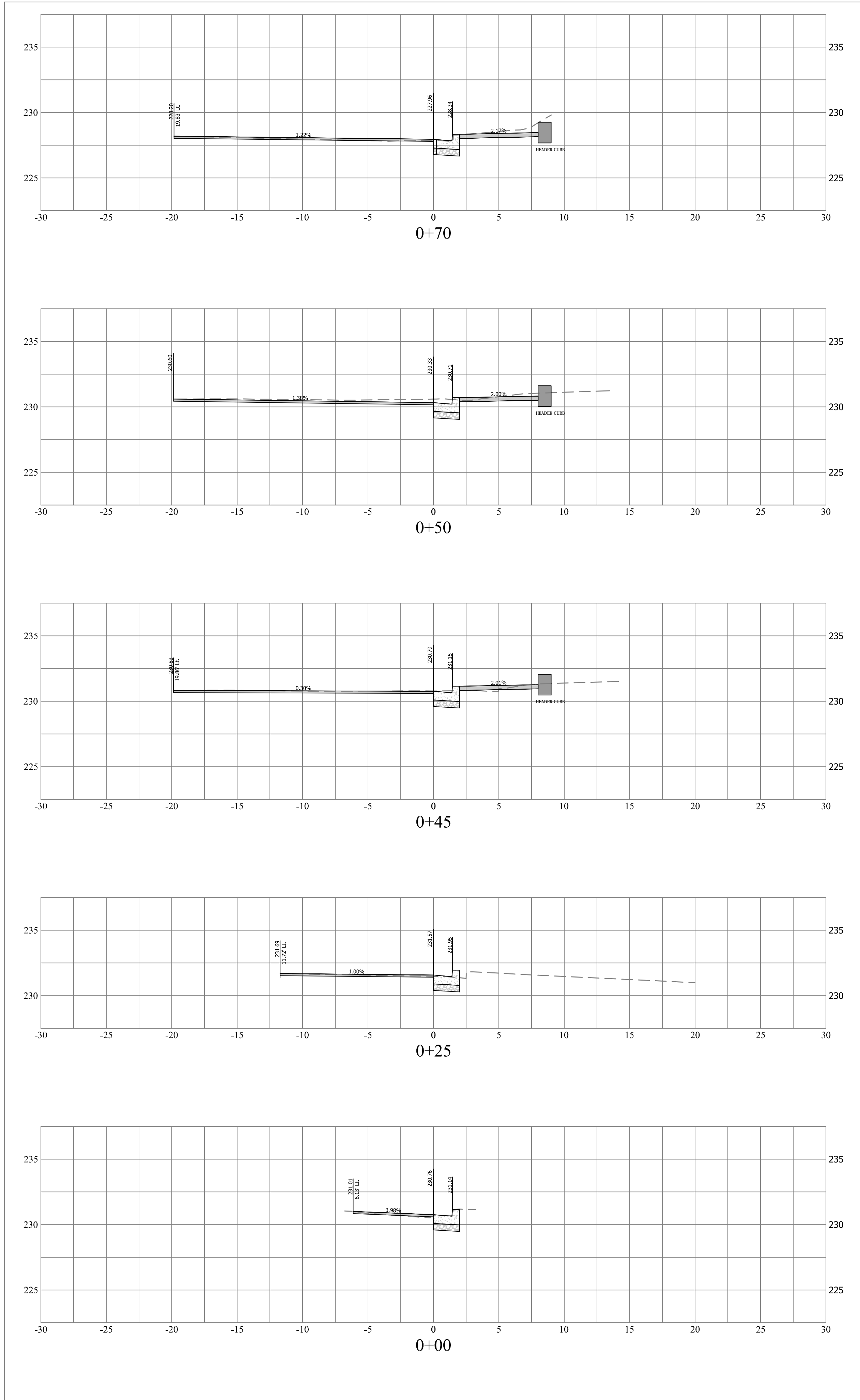
**PROJECT NAME AND LOCATION**  
 N. 14TH STREET & N. UHLE STREET  
**RAMP DETAILS**  
 N. 14TH STREET & N. UHLE STREET  
 NE CORNER AT INTERSECTION  
 P14D

DESIGNED: K. PATEL  
 DRAWN: K. PATEL  
 CHECKED: P. RIGBY  
 MISS UTILITY TRANSMITTAL #: N/A  
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 PLOTTED: MARCH 21 2019  
 PLOTTED BY: K.PATEL

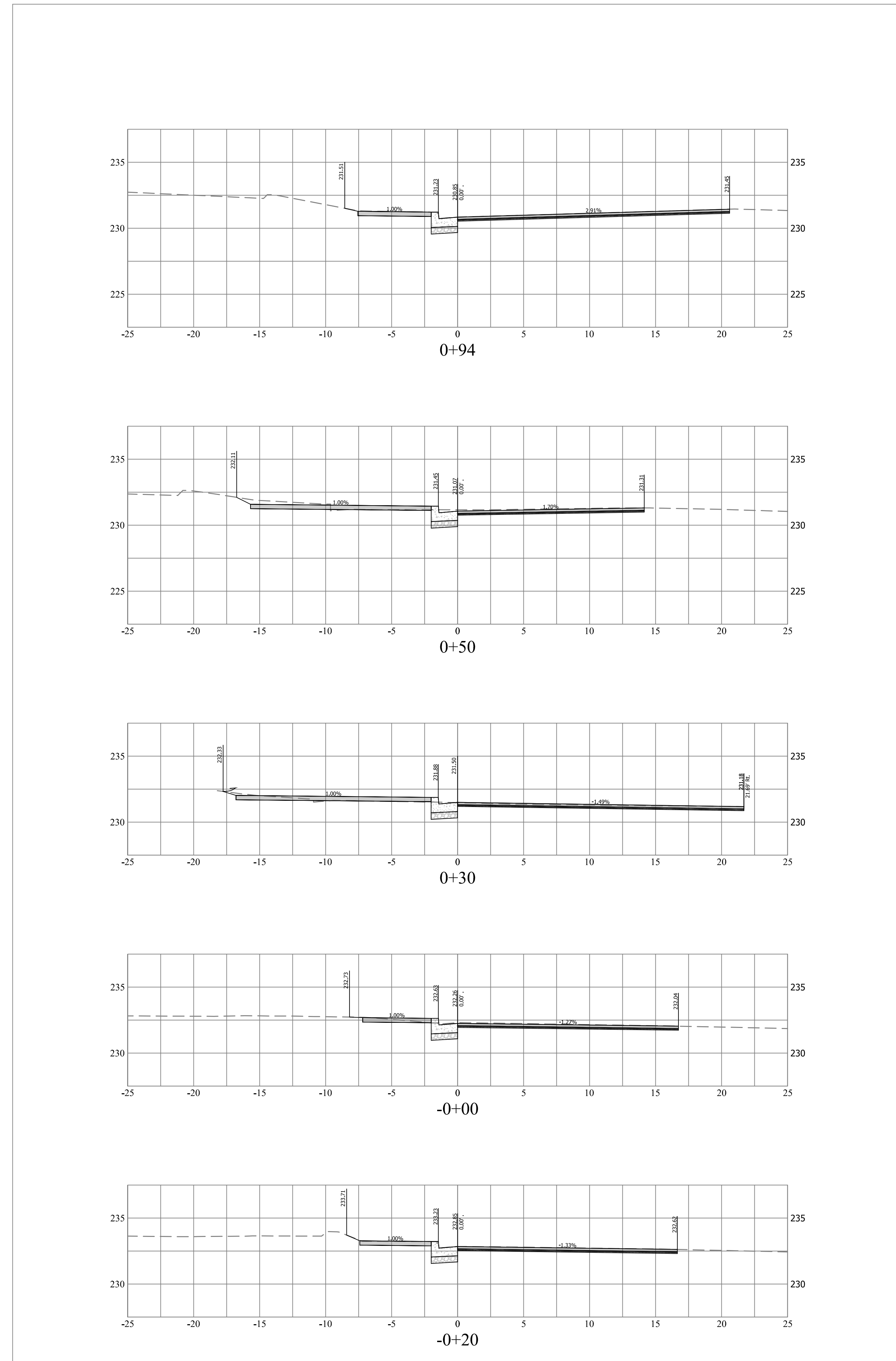


**SHEET**  
 9 OF 16

BL- EOP 4 STATIONING

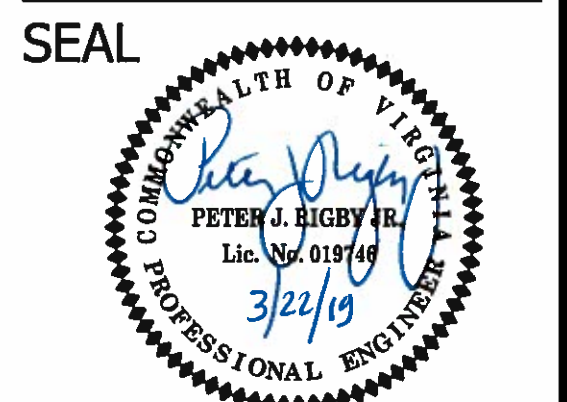


BL- EOP STATIONING



DEPARTMENT OF ENVIRONMENTAL SERVICES  
 FACILITIES & ENGINEERING DIVISION  
 ENGINEERING BUREAU  
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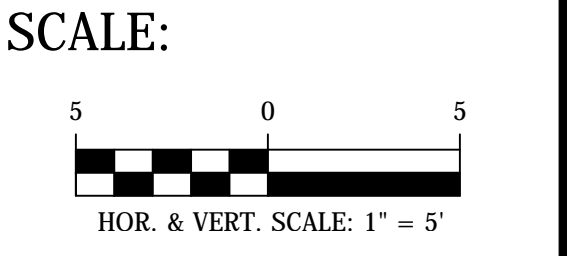
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<i>[Signature]</i> QUALITY CONTROL ENGINEER	3/28/19
<i>[Signature]</i> CONSTRUCTION MANAGEMENT SUPERVISOR	3/28/19
<i>[Signature]</i> WATER, SEWER, & STREETS BUREAU CHIEF	4/2/19
<i>[Signature]</i> TRANSPORTATION DIRECTOR	3/28/19
<i>[Signature]</i> PROJECT MANAGER	3/28/19

REVISIONS	DATE

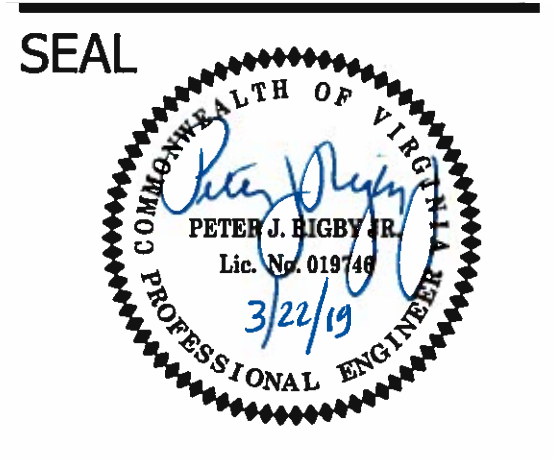
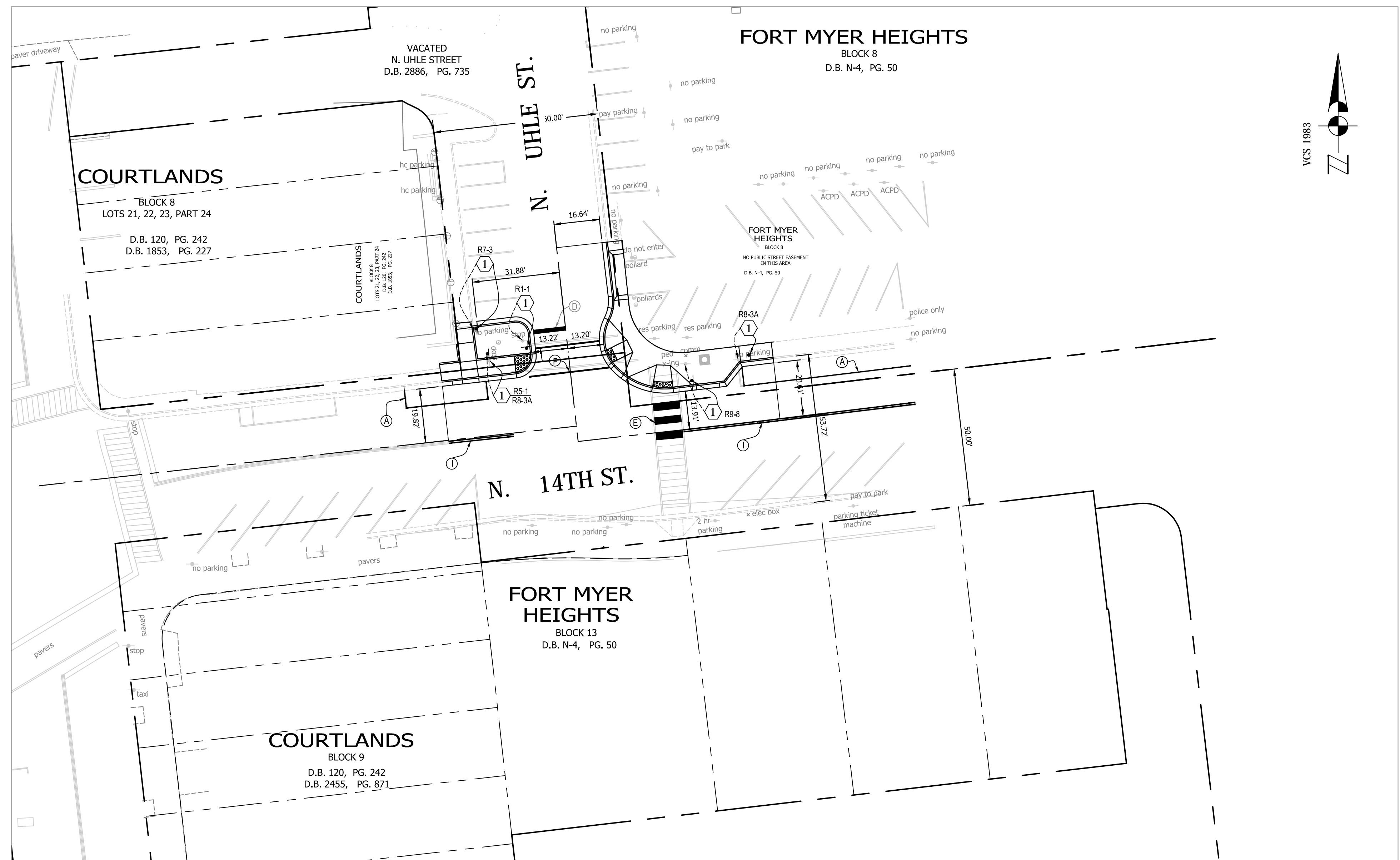
PROJECT NAME AND LOCATION  
 N. 14TH STREET & N. UHLE STREET

CROSS SECTIONS  
 N. 14TH STREET & N. UHLE STREET  
 NE CORNER AT INTERSECTION

DESIGNED: K. PATEL  
 DRAWN : K. PATEL  
 CHECKED : P. RIGBY  
 MISS UTILITY TRANSMITTAL #: N/A  
 FILENAME: P14D\_C2-122-CORRIDOR.DWG  
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 PLOTTED: MARCH 21 2019  
 PLOTTED BY: K.PATEL



SHEET  
 10 OF 16



APPROVALS	DATE
<i>[Signature]</i>	3/28/19
QUALITY CONTROL ENGINEER	3/28/19
<i>[Signature]</i>	4/2/19
CONSTRUCTION MANAGEMENT SUPERVISOR	4/2/19
<i>[Signature]</i>	3/28/19
WATER, SEWER, & STREETS BUREAU CHIEF	3/28/19
<i>[Signature]</i>	3/28/19
TRANSPORTATION DIRECTOR	3/28/19
<i>[Signature]</i>	3/28/19
PROJECT MANAGER	3/28/19

REVISIONS	DATE

CONSTRUCTION SIGNAGE NOTES

- ① EXISTING SIGN TO BE RELOCATED AND REPLACED WITH NEW POLE

All existing signage to remain unless otherwise noted.

PROJECT NAME AND LOCATION  
 N. 14TH STREET & N. UHLE STREET  
 SIGNAGE AND STRIPING  
 N. 14TH STREET & N. UHLE STREET  
 NE CORNER AT INTERSECTION  
 P14D

DESIGNED: K. PATEL  
 DRAWN: K. PATEL  
 CHECKED: P. RIGBY  
 MISS UTILITY TRANSMITTAL #: N/A  
 FILENAME: P14D\_C2-122-CORRIDOR.DWG  
 PATH: Q:\DATA\PLD\_03 CORRIDOR IMPROVEMENTS\SITE C-2 14TH STREET & N UHLE STREET\CD\FIG-01.DWG  
 PLOTTED: MARCH 21 2019  
 PLOTTED BY: KPATEL

SCALE:  
 GRAPHIC SCALE  
  
 SCALE: 1" = 25'

SHEET  
 11 OF 16

STANDARD PAVEMENT MARKING LEGEND:

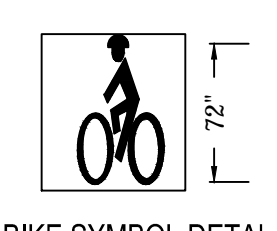
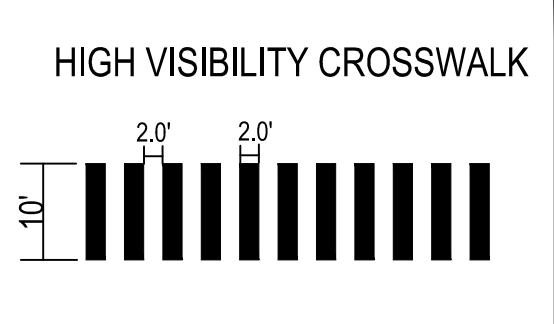
Ⓐ TYPE B CLASS 1.....WHITE 4" WIDTH	PARKING LANES, EDGE LINES, LANE LINES
Ⓑ TYPE B CLASS 1.....WHITE 4" WIDTH, 10' LONG, 30' SPACING	DASHED LANE LINES
Ⓒ TYPE B CLASS 1.....WHITE 4" WIDTH, 2' LONG, 10' SPACING	LANE TRANSITIONS, TURN LANE SKIPS
Ⓓ TYPE B CLASS 1.....WHITE 18" WIDTH	STOP BARS
Ⓔ TYPE B CLASS 1.....WHITE 24" WIDTH	CONTINENTAL CROSS WALKS
Ⓕ TYPE B CLASS 1.....WHITE 6" WIDTH	TURN LANES, TRANSVERSE CROSSWALKS, BIKE LANES
Ⓖ TYPE B CLASS 1.....YELLOW 4" WIDTH, 10' LONG, 30' SPACING	DIVIDED TRAFFIC, TWO WAY TURN LANES
Ⓗ TYPE B CLASS 1.....YELLOW 4" WIDTH	EDGE LINES
Ⓙ TYPE B CLASS 1.....YELLOW 4" WIDTH, DOUBLE LINE, 4" SPACING	CENTERLINES
Ⓚ TYPE B CLASS 1.....WHITE 6" WIDTH, 10' SPACING @45 DEGREE	HATCH LINES, SAFETY ZONES
Ⓛ TYPE B CLASS 1.....WHITE SINGLE ARROW	TURN LANES
Ⓜ TYPE B CLASS 1.....WHITE COMBINATION ARROW	TURN LANES
Ⓝ TYPE B CLASS 1.....WHITE 8" LETTERS	PAVEMENT LETTERS (STOP, YIELD, BUS, ONLY etc.)
Ⓞ TYPE B CLASS 1.....WHITE 6" WIDTH, 2' LONG, 10' SPACING	LANE TRANSITIONS, TURN LANE SKIPS
Ⓟ TYPE B CLASS 1.....WHITE 12" WIDTH, 20' SPACING @45 DEGREE	GORE MARKINGS
Ⓠ TYPE B CLASS 1.....YELLOW 12" WIDTH, 20' SPACING @45 DEGREE	GORE MARKINGS
Ⓡ TYPE B CLASS 1.....WHITE 6" WIDTH, 2' LONG, 4" SPACING	LANE TRANSITIONS

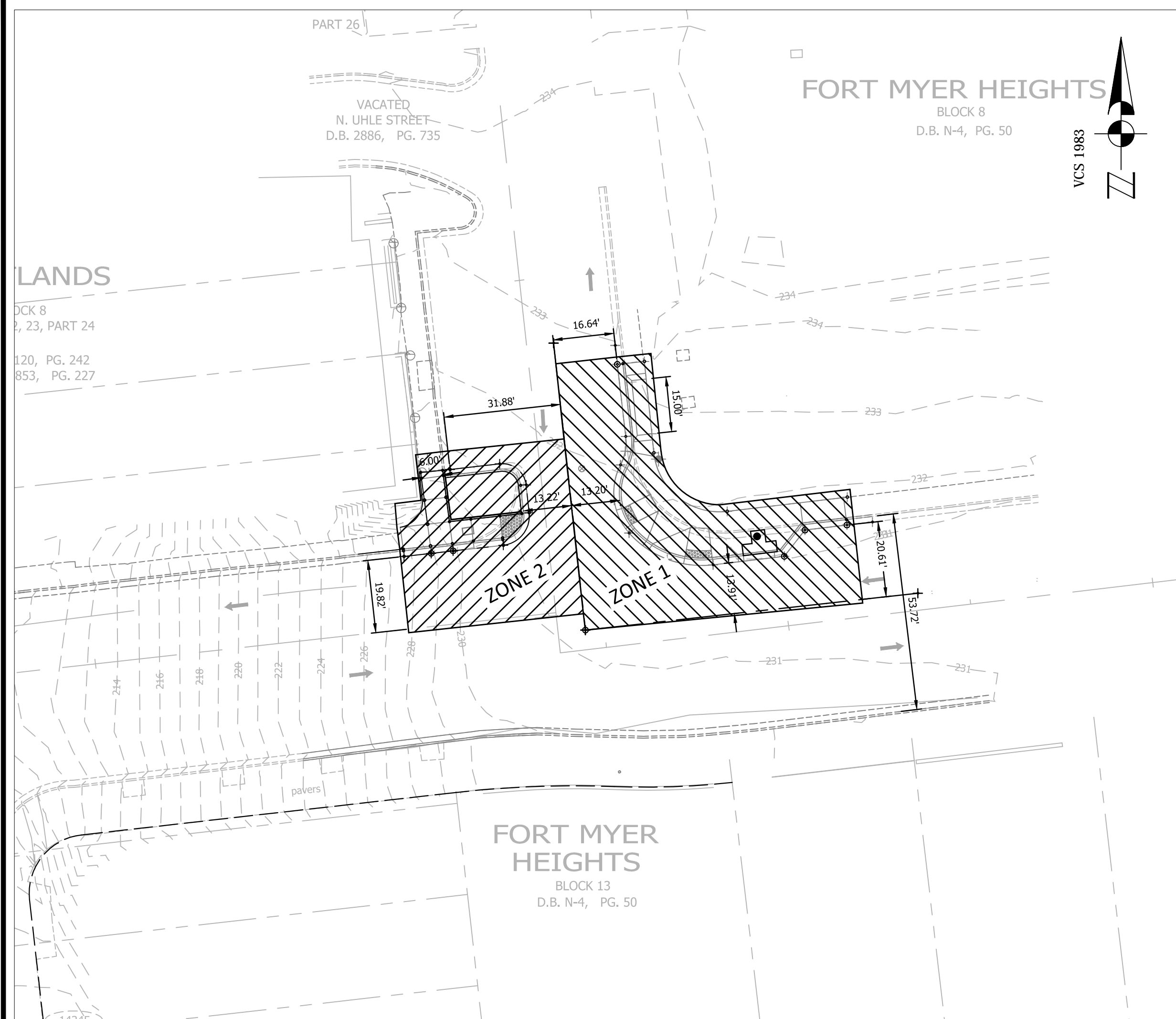
SIGN AND PAVEMENT MARKING NOTES:

- STREET WIDTH MEASUREMENTS ARE FROM FACE OF CURB TO FACE OF CURB. LANES ARE MEASURED FROM CENTER OF MARKING TO CENTER OF MARKING.
- CONTACT DENNIS HOWELL OR HIS DESIGNEE AT 703-228-6598 OR (571) 437-1077 TO APPROVE MARKING LAYOUT 48 HRS. 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 DES 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 NUSS.
- SHARROWS SHALL BE PLACED IN CENTER OF LANE, 250' APART UNLESS OTHERWISE SPECIFIED.
- BIKE LANE SYMBOLS TO BE PLACED 330' APART UNLESS OTHERWISE SPECIFIED.

STRIPING LEGEND

EXISTING	PROPOSED





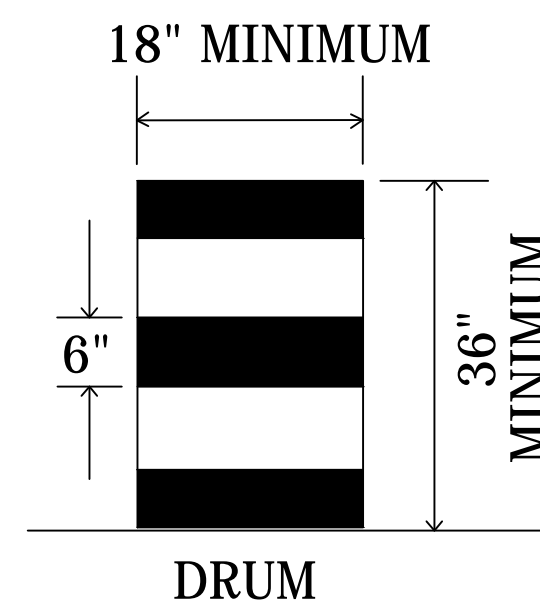
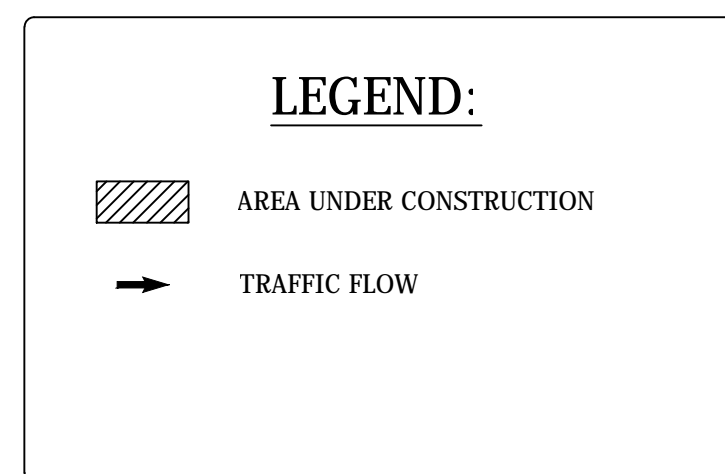
MOT ZONE #	TTC #	ZONE TABLE COMMENTS	DURATION
ZONE 1	TTC-28.1	LANE CLOSURE OPERATION- IN AN INTERSECTION	ONE WEEK TO ONE MONTH
	TTC-36.1	CROSSWALK CLOSURE AND PEDESTRIAN DETOUR OPERATION	
ZONE 2	TTC-28.1	LANE CLOSURE OPERATION- IN AN INTERSECTION	ONE WEEK TO ONE MONTH
	TTC-36.1	CROSSWALK CLOSURE AND PEDESTRIAN DETOUR OPERATION	

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

**NOTE:**  
THE DURATIONS SHOWN WERE DEVELOPED FOR PLANNING AND ESTIMATION PURPOSES ONLY. THE DURATIONS IN NO WAY ALTER THE CONTRACT TIME FOR COMPLETION, OR INFRINGES ON THE CONTRACTORS MEANS AND METHODS. THE CONTRACTOR'S SUBMITTED SCHEDULE SUPERSEDES THE ESTIMATED DURATIONS SHOWN.

RESTRICTIONS ON CONCURRENT WORK AREAS:

THE CONTRACTOR MAY CHOOSE THE OPTIMAL SEQUENCE FOR THEM, BUT THE DESIGNER WILL DICTATE WHICH WORK AREA CAN AND CANNOT BE CLOSED SIMULTANEOUSLY.



- NOTES:**
- DRUM SPACING IS 20 FEET ON TRANSITIONS AND CURVES.
  - DRUM SPACING PARALLEL TO THE TRAVEL WAY IS 40 FEET.

**WORKING HOURS:**

1. IN ARLINGTON RIGHT-OF-WAY: 9:00 AM TO 4:00 PM (MON - FRI)
2. ALL LANES SHALL BE FULLY OPEN TO TRAFFIC OUTSIDE THE ABOVE HOURS UNLESS SPECIFIED OTHERWISE IN THE MAINTENANCE OF TRAFFIC PLANS.

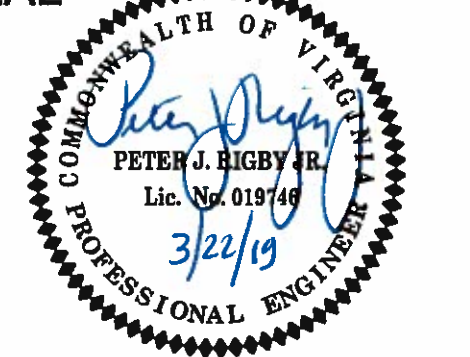
**MOT NOTES:**

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 SEGMENT. COUNTY PROJECT OFFICER SHALL RESTRICT PARKING BY CONTACTING DIS - 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 MIDLICK 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 FIRED 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 9:00 AM TO 4:00 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 IN 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.
20. CONTRACTOR SHALL COORDINATE WITH ARLINGTON COUNTY TRANSIT AT 703-228-3049, AT LEAST FOUR (4) WEEKS PRIOR TO COMMENCEMENT OF ALL WORK AFFECTING TRANSIT STOP OR ROUTES. ALL TEMPORARY AND FINAL BUS TRAVEL LANES MUST BE MINIMUM 11' WIDE.



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

SEAL



APPROVALS DATE

QUALITY CONTROL ENGINEER	3/28/19
CONSTRUCTION MANAGEMENT SUPERVISOR	3/28/19
WATER, SEWER, & STREETS BUREAU CHIEF	4/2/19
TRANSPORTATION DIRECTOR	3/28/19
PROJECT MANAGER	3/28/19

REVISIONS DATE

PROJECT NAME AND LOCATION

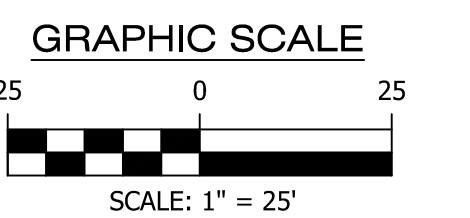
N. 14TH STREET & N. UHLE STREET

MOT\_PLAN 1

N. 14TH STREET & N. UHLE STREET  
NE CORNER AT INTERSECTION

DESIGNED: K. PATEL  
DRAWN : K. PATEL  
CHECKED : P. RIGBY  
MISS UTILITY TRANSMITTAL #: N/A  
FILENAME: P14D\_C-2-286-MOT.DWG  
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PLOTTED: MARCH 21 2019  
PLOTTED BY: KPATEL

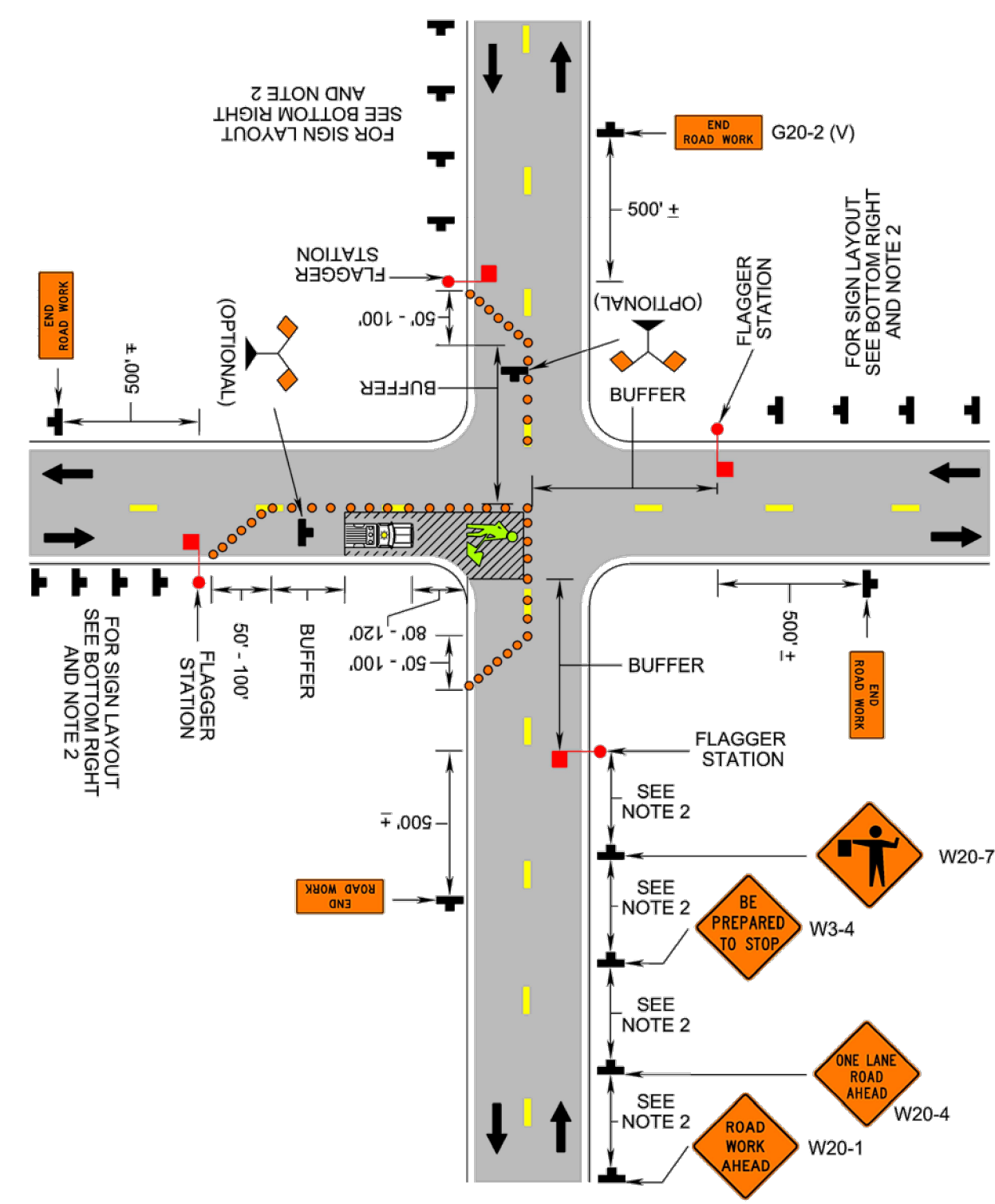
SCALE:



SHEET

12 OF 16

Lane Closure Operation in an Intersection (Figure TTC-28.1)



1: Revision 1 - 4/1/2015

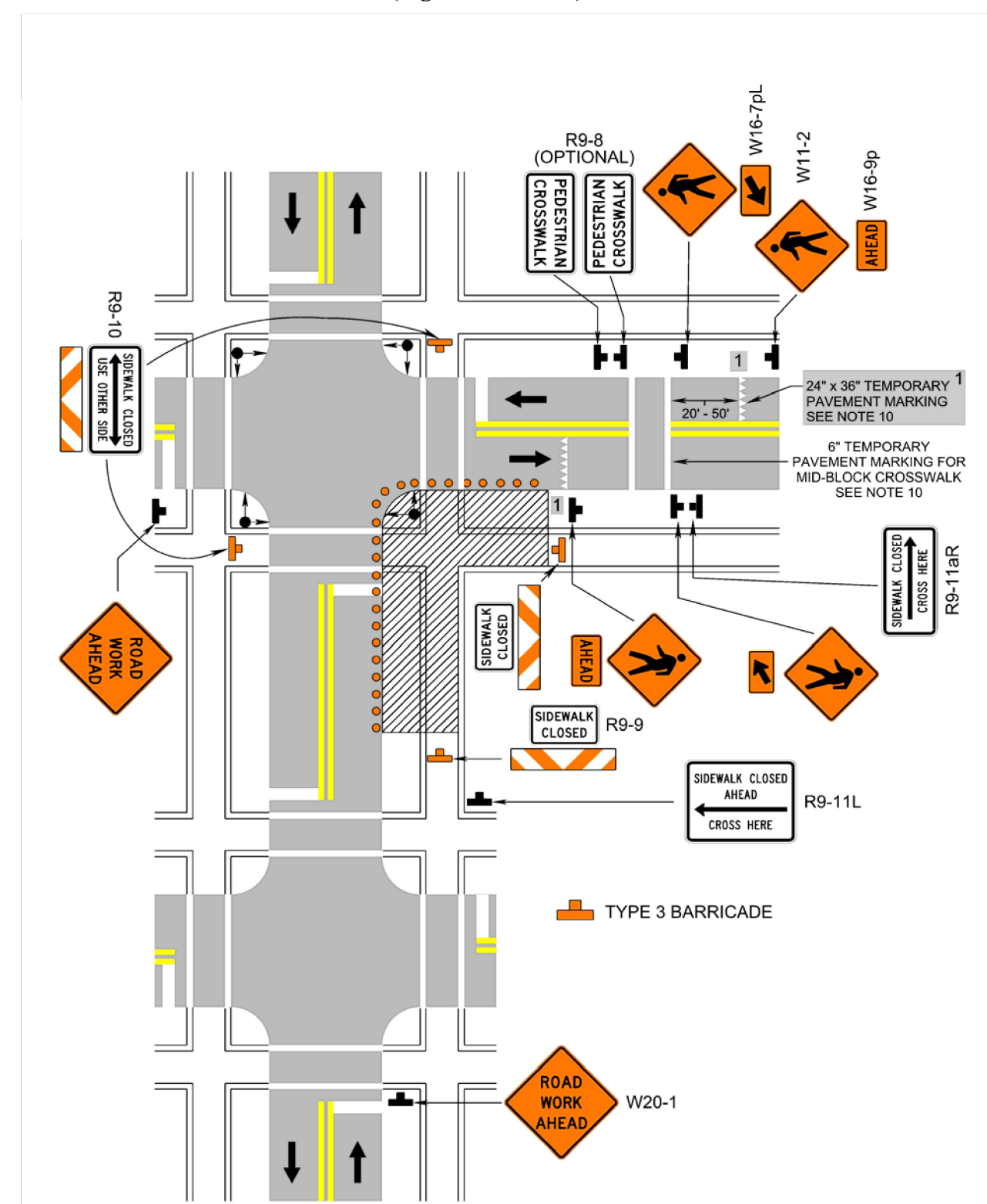
Typical Traffic Control Lane Closure Operation in an Intersection (Figure TTC-28.1)

NOTES

- Guidance: 1. The control of traffic through the intersection in order of preference should be: a. Obtain the services of law enforcement personnel. b. Detour the effective routes to other roads and streets as approved and directed by the Regional Traffic Engineer. c. Place a state certified flagger on each leg of the intersection controlling a single lane of traffic. Standard: 3. Channelizing device spacing shall be on 20' centers or less. Support: 7. Turns can be prohibited as required by vehicular traffic conditions. Unless the streets are wide, it might be physically impossible to make certain turns, especially for large vehicles.

1: Revision 1 - 4/1/2015

Crosswalk Closure and Pedestrian Detour Operation (Figure TTC-36.1)



1: Revision 1 - 4/1/2015

Typical Traffic Control Crosswalk Closure and Pedestrian Detour Operation (Figure TTC-36.1)

NOTES

- Standard: 1. When crosswalks or other pedestrian facilities are closed or relocated, temporary facilities shall be detectable and shall include accessibility features consistent with the features present in the existing pedestrian facility. 2. Curb parking shall be prohibited for at least 50 feet in advance of the midblock crosswalk. Guidance: 3. Audible information devices should be considered where midblock closings and changed crosswalk areas cause inadequate communication to be provided to pedestrians who have visual disabilities. Option: 6. Only the TTC devices related to pedestrians are shown. Standard: 9. All sidewalk closures shall be closed with Type 3 Barricades. Support: 10. Refer to Sections 3B-16 through 3B-18 of the 2009 MUTCD and the Virginia Supplement to the MUTCD for crosswalk lines, yield lines and other related TTC devices that may be used to control vehicular traffic at midblock crosswalks.

1: Revision 1 - 4/1/2015



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

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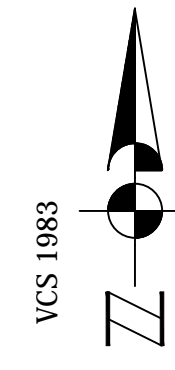
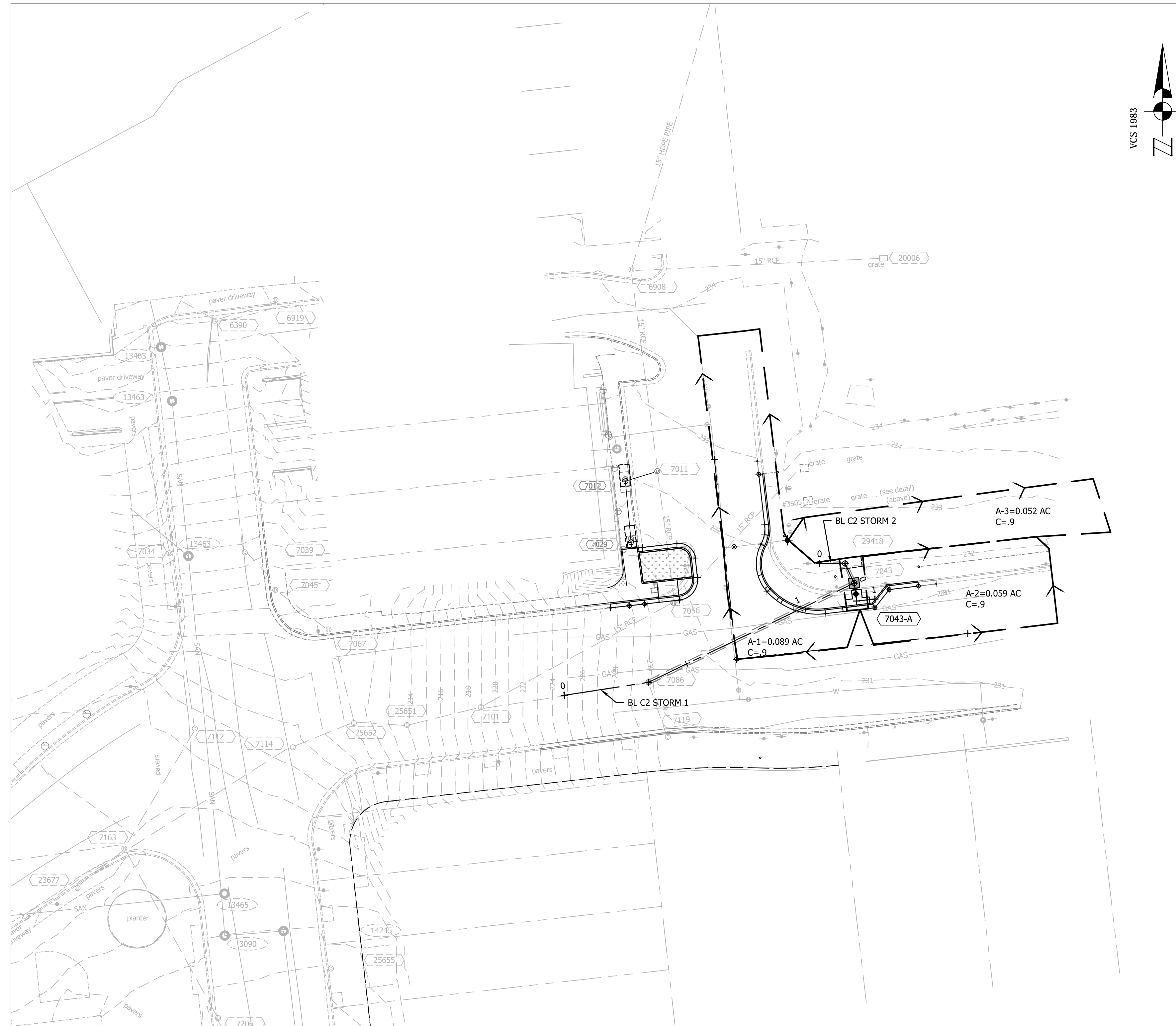
Table with columns for APPROVALS and DATE, listing signatures and dates for Quality Control Engineer, Construction Management Supervisor, Water, Sewer, & Streets Bureau Chief, Transportation Director, and Project Manager.

Table with columns for REVISIONS and DATE, with multiple empty rows for recording changes.

PROJECT NAME AND LOCATION: N. 14TH STREET & N. UHLE STREET MOT\_PLAN II N. 14TH STREET & N. UHLE STREET NE CORNER AT INTERSECTION

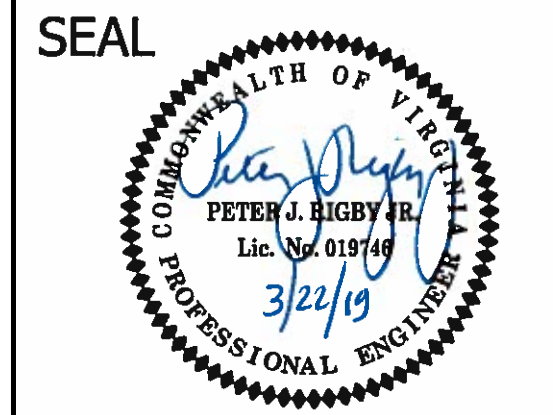
DESIGNED: K. PATEL DRAWN: K. PATEL CHECKED: P. RIGBY MISS UTILITY TRANSMITTAL #: N/A FILENAME: P14D\_C-2-286-MOT.DWG

SCALE:



DEPARTMENT OF ENVIRONMENTAL SERVICES  
 FACILITIES & ENGINEERING DIVISION  
 ENGINEERING BUREAU  
 2100 CLARENDON BOULEVARD, SUITE 813  
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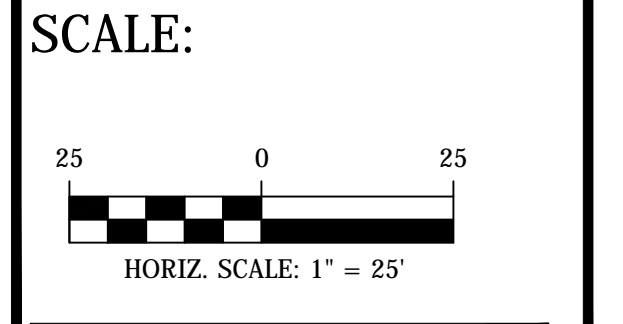


APPROVALS	DATE
<i>[Signature]</i> QUALITY CONTROL ENGINEER	3/28/19
<i>[Signature]</i> CONSTRUCTION MANAGEMENT SUPERVISOR	3/28/19
<i>[Signature]</i> WATER, SEWER, & STREETS BUREAU CHIEF	4/2/19
<i>[Signature]</i> TRANSPORTATION DIRECTOR	3/28/19
<i>[Signature]</i> PROJECT MANAGER	3/28/19

REVISIONS	DATE

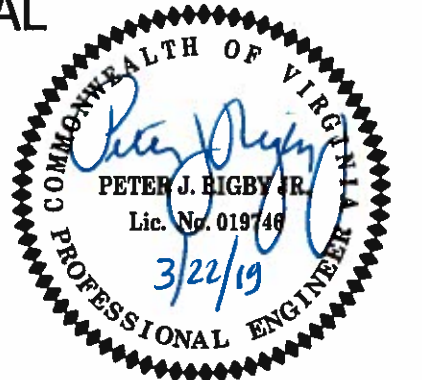
**PROJECT NAME AND LOCATION**  
 N. 14TH STREET & N. UHLE STREET  
**DRAINAGE DIVIDES**  
 N. 14TH STREET & N. UHLE STREET  
 NE CORNER AT INTERSECTION  
 P14D

DESIGNED: K.PATEL  
 DRAWN : K.PATEL  
 CHECKED : P. RIGBY  
 MISS UTILITY TRANSMITTAL #: N/A  
 FILENAME: P14D\_C-2-134-STORM.DWG  
 PATH: Q:\DATA\FILED - 000\CADD\IMPROVEMENTS\SITE C-2 14TH STREET & N UHLE STREET\CAD FILES\ACTIV  
 PLOTTED: MARCH 21 2019  
 PLOTTED BY: K.PATEL



SHEET  
 14 OF 16

SEAL



APPROVALS DATE

<i>[Signature]</i>	3/28/19
QUALITY CONTROL ENGINEER	
<i>[Signature]</i>	3/28/19
CONSTRUCTION MANAGEMENT SUPERVISOR	
<i>[Signature]</i>	4/2/19
WATER, SEWER, STREETS BUREAU CHIEF	
<i>[Signature]</i>	3/28/19
TRANSPORTATION DIRECTOR	
<i>[Signature]</i>	3/28/19
PROJECT MANAGER	

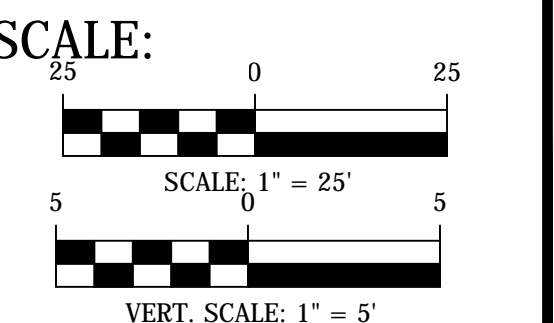
REVISIONS DATE

REVISIONS	DATE

PROJECT NAME AND LOCATION

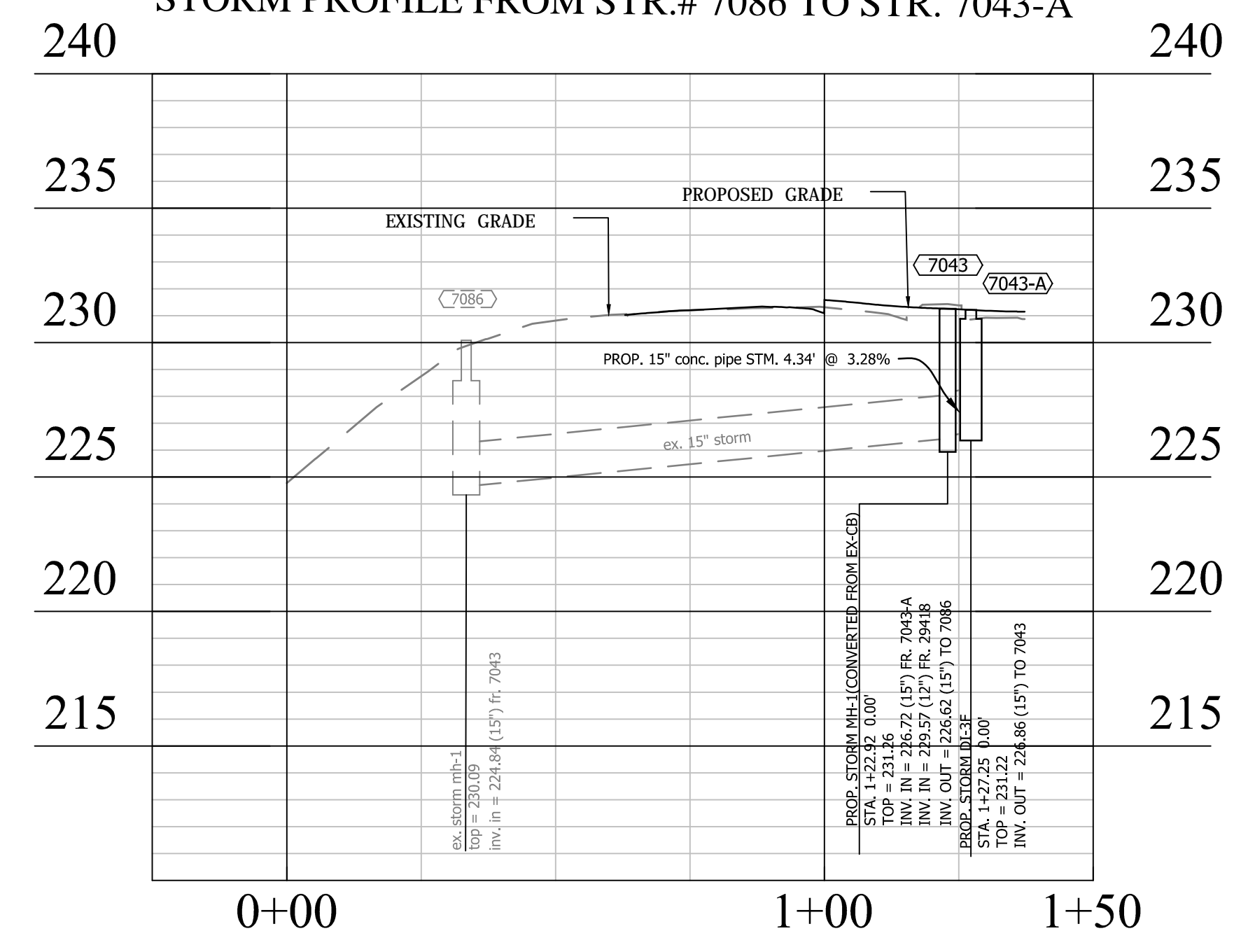
N. 14TH STREET & N. UHLE STREET  
**STORM\_SEWER\_PROFILES**  
N. 14TH STREET & N. UHLE STREET  
NE CORNER AT INTERSECTION

DESIGNED: K. PATEL  
DRAWN : K. PATEL  
CHECKED : P. RIGBY  
MISS UTILITY TRANSMITTAL #: N/A  
FILENAME: P14D\_C-2-134-STORM.DWG  
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PLOTTED: MARCH 21 2019  
PLOTTED BY: KPATEL

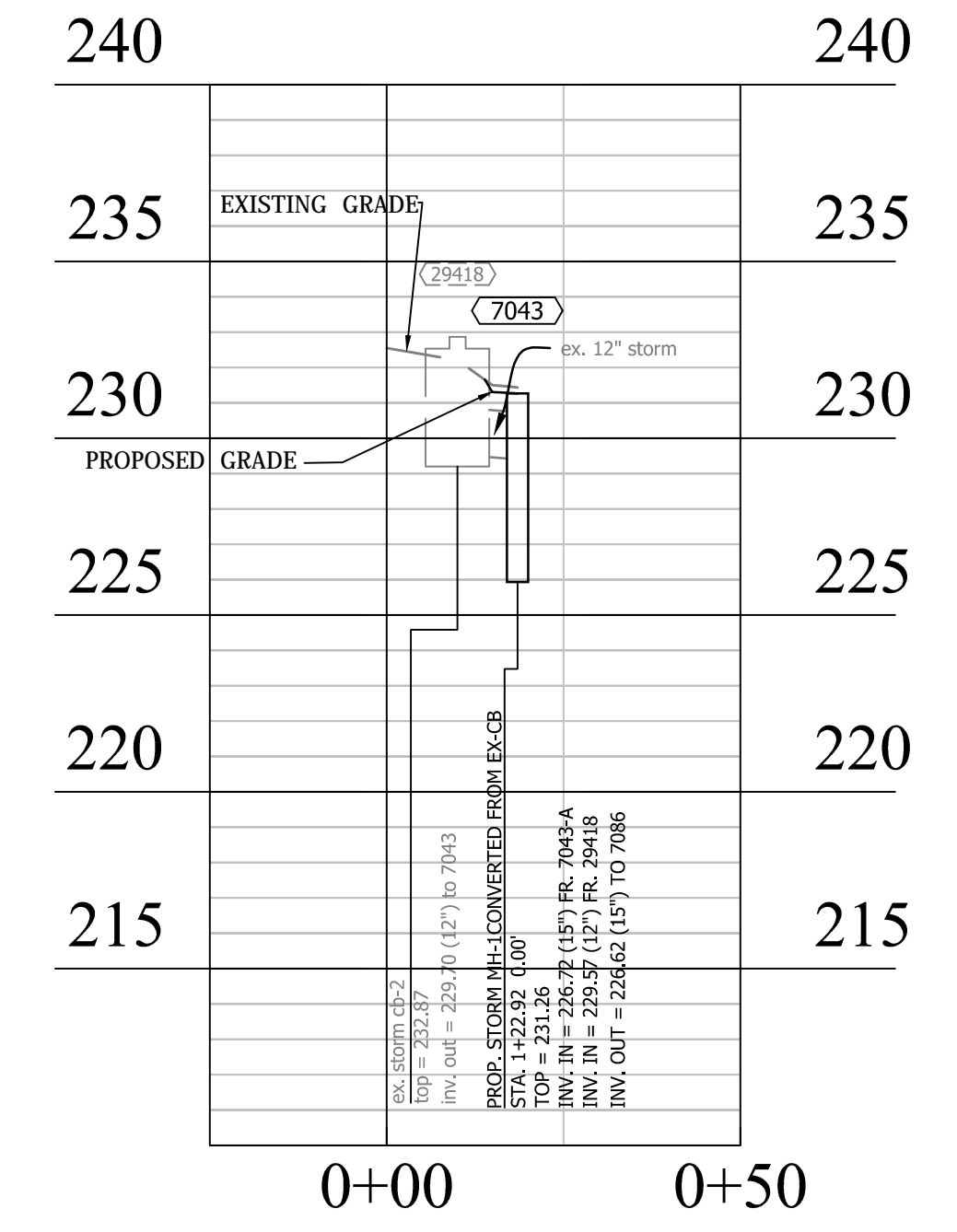


SHEET 15 OF 16

STORM PROFILE FROM STR.# 7086 TO STR. 7043-A



STORM PROFILE FROM STR.# 29418 TO STR. 7043

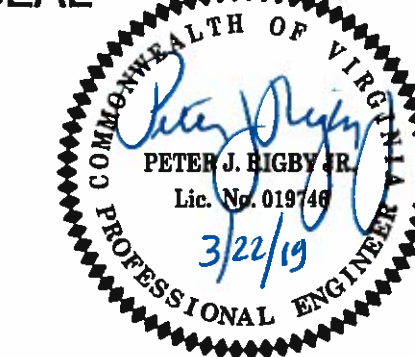


## STORM SEWER DESIGN COMPUTATIONS






Project: P14D-C-2

From Point	To Point	Drainage Area	C Factor	C x A		Inlet Time Min.	Rain Fall In/Hr	Runoff Q C.F.S.	Invert Elev.		Length FT.	Slope %	Dia. IN.	Capacity Q C.F.S.	VEL. F.P.S.	Flow Time MIN.	Remarks
				Increment	Cumm.				Upper End	Lower End							
7043-A	7043	0.15	0.9	0.13	0.13	5.00	6.79	0.90	226.86	226.72	4.3	3.23%	15	11.63	5.63	0.01	
7043	7086			0.00	0.18	5.00	6.79	1.22	226.62	224.54	89.5	2.32%	15	9.87	5.47	0.27	
29418	7043	0.05	0.9	0.05	0.05	5.00	6.79	0.32	229.70	229.57	8.5	1.53%	12	4.42	3.27	0.04	

SEAL



APPROVALS DATE

 3/28/19  
 QUALITY CONTROL ENGINEER  
 3/28/19  
 CONSTRUCTION MANAGEMENT SUPERVISOR  
 4/2/19  
 WATER, SEWER, & STREETS BUREAU CHIEF  
 3/28/19  
 TRANSPORTATION DIRECTOR  
 3/28/19  
 PROJECT MANAGER

REVISIONS DATE

REVISIONS	DATE

## STORM SEWER INLET COMPUTATIONS

Project: P14D-C-2

INLET		STATION	DRAINAGE AREA	C	C x A	C x A W	INTENSITY	Q INCR	Q CARRY OVER	Q TOTAL	S GUTTER	Sx CROSS SLOPE	T SPREAD	W GUTTER PAN	W/T WIDTH/SPREAD	Sw G.P. SLOPE	Sw/Sx	Eo	a	S'w	Se	Lt	P PERIMETER OF GRATE	L/Lt	d	E Inlet Efficiency	h	Q	d/H	Qb	T	REMARKS			
NUMBER	TYPE																																LENGTH		
7043-A	DI-3F	8	1+30	0.06	0.90	0.05	0.05	4.18	0.22	0.00	0.22	0.0222	0.02	1.42	1.5		0.083	4.15																	
				0.09	0.90	0.08	0.08	4.18	0.33	0.00	0.33			2.12																					

## HYDRAULIC GRADE LINE COMPUTATIONS

Project: P14D-C-2

INLET STATION	UPSTREAM INLET	Outlet Water Surface Elev. (2)	Do in (3)	Qo cfs (4)	Lo ft (5)	Sfo % (6)	Hf ft (7)	JUNCTION LOSS										Ht (16)	1.3 Ht (17)	0.5 Ht (18)	FINAL H (19)	Inlet Water Surface Elev. (20)	RIM ELEV. (21)	
								Vo (8)	Ho (9)	Qi (10)	Vi (11)	QiVi (12)	2 Vi /2g (13)	Hi (14)	Angle (15)	Hd (15)								
7043		225.84	15.00	1.22	89.51	0.04	0.03	5.47	0.12						0.17		0.31	0.59	0.00	0.00	0.63	225.84	231.26	
	7043-A		15.00							0.90	5.63	5.09	0.49	0.17	72.00	0.31								
	29418		12.00							0.32	3.27	1.04	0.17	0.06	89.00	0.12								
7043-A		230.37	15.00	0.90	4.34	0.02	0.00	5.63	0.12						0.00		0.00	0.12	0.16	0.08	0.08	230.45	231.19	
	0									0.90	0.00	0.00	0.00		0.00									
29418		230.37	12.00	0.32	8.50	0.01	0.00	3.27	0.04						0.00		0.00	0.04	0.05	0.03	0.03	230.40	231.19	
	0									0.32	0.00	0.00	0.00		0.00									

PROJECT NAME AND LOCATION

N. 14TH STREET & N. UHLE STREET  
**STORM COMPUTATIONS**  
 N. 14TH STREET & N. UHLE STREET  
 NE CORNER AT INTERSECTION  
 P14D

DESIGNED: K. PATEL  
 DRAWN: K. PATEL  
 CHECKED: P. RIGBY  
 MISS UTILITY TRANSMITTAL #: N/A  
 FILENAME: P14D\_C-2-134-STORM.DWG  
 PATH: Q:\DATA\14D\_08\_CORRIDOR\_IMPROVEMENTS\14D\_C-2\_14TH STREET N.A.  
 UHLE STREET CAD FILE ACTIVE  
 PLOTTED: MARCH 21 2019  
 PLOTTED BY: KPATEL

SCALE:

SHEET

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