



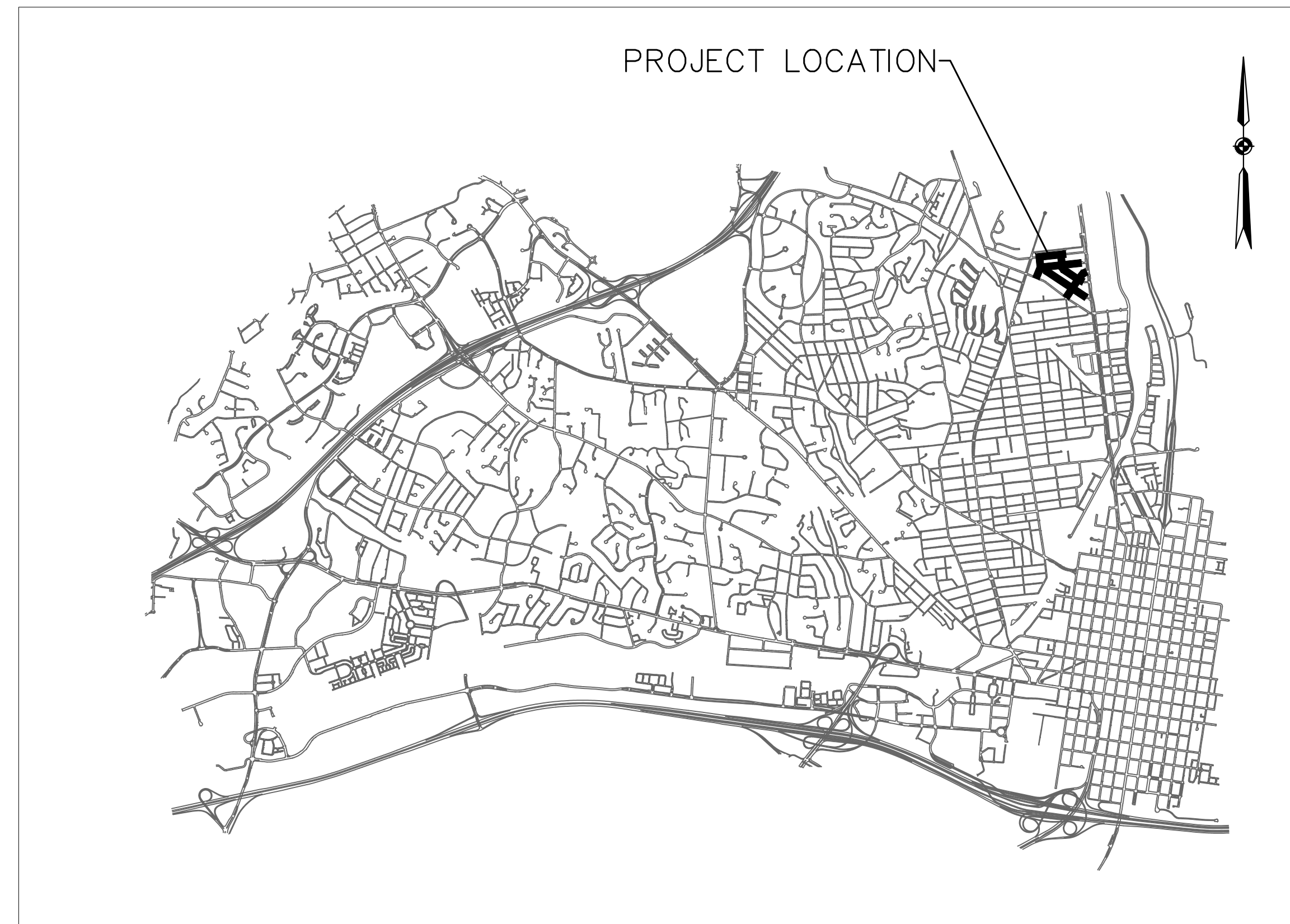
PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO DEVELOP A CONCEPTUAL PLAN FOR SAFETY AND TRAFFIC CALMING MEASURES ON STREETS IN THE LYNHAVEN NEIGHBORHOOD LOCATED EAST OF COMMONWEALTH AVENUE AND WEST OF RICHMOND HIGHWAY. THE PLANS INCLUDE INSTALLATION OF PAVEMENT MARKINGS AND SIGNAGE, GATEWAY TREATMENTS AT ENTRY POINTS, SPEED CUSHIONS, AND MINI TRAFFIC CIRCLE.

CITY OF ALEXANDRIA COMPLETE STREETS TO-10-LYNHAVEN NEIGHBORHOOD SLOW ZONE CONCEPTUAL PLANS

INDEX OF SHEETS

- 1 TITLE SHEET
- 2A 2A GENERAL NOTES
- 2B 2B GENERAL NOTES
- 3 E REED AVENUE AND LYNHAVEN DRIVE
- 4 EVANS LANE
- 5 WESMOND DRIVE
- 6 MONTROSE AVENUE
- 7 WILSON AVENUE



SCALE: 1" = 3000'

CONTACTS

CITY OF ALEXANDRIA
 TRANSPORTATION AND ENVIRONMENTAL SERVICES
 CITY HALL
 301 KING STREET, SUITE 3600
 ALEXANDRIA, VA 22314
 TEL: (703) 746-4408
 FAX: (703) 212-8405
 CONTACT: ALEXANDRIA CARROLL, COMPLETE STREETS PROGRAM MANAGER
 CIVIL ENGINEER
 KIMLEY-HORN AND ASSOCIATES
 11400 COMMERCE PARK DRIVE, SUITE 400
 RESTON, VA 20191
 TEL: (703) 674-1300
 FAX: (703) 674-1350
 CONTACT: DAVID SAMBA, P.E.

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30% SUBMITTAL	Kimley»Horn	DATE 6/8/22	SHEET NUMBER 1
	11400 COMMERCE PARK DR., SUITE 400, RESTON, VA 20191 PHONE: 703-674-1300 FAX: 703-674-1350 WWW.KIMLEY-HORN.COM	SCALE 1" = 25'	





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SIGNING AND PAVEMENT MARKING NOTES:

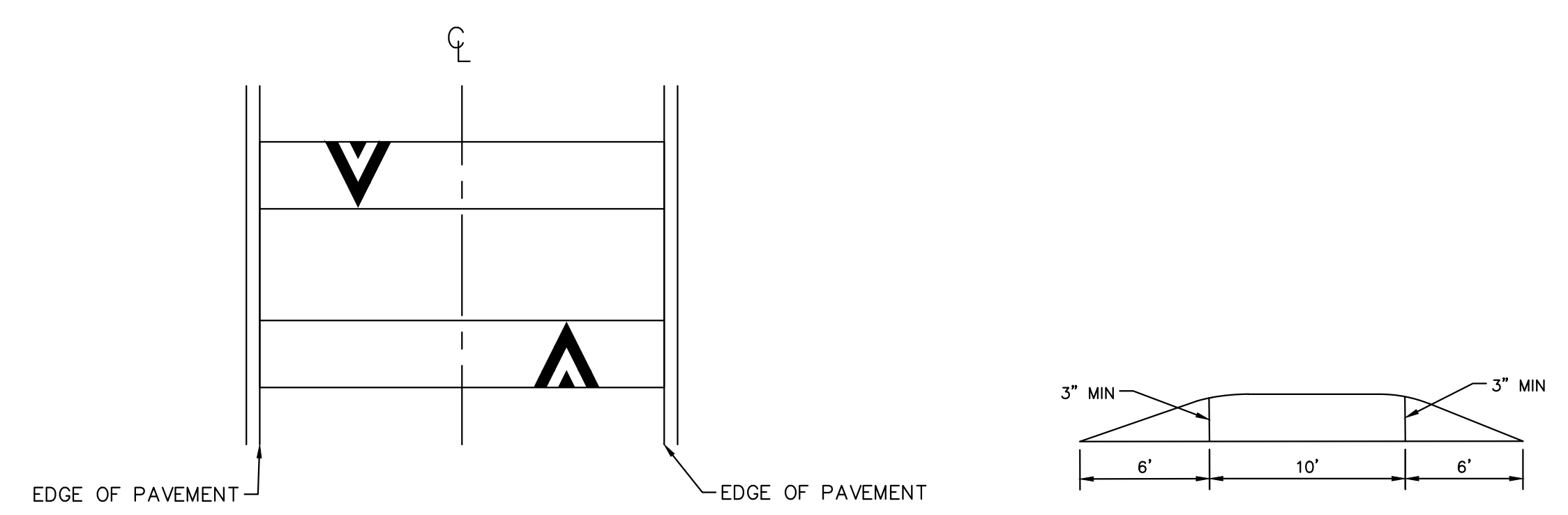
1. ALL PROPOSED SIGNING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH CITY OF ALEXANDRIA CONSTRUCTION STANDARDS.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED IN THE PAVEMENT MARKING LEGEND.
3. ANY EXISTING PAVEMENT MARKINGS THAT WILL CONFLICT WITH PROPOSED PAVEMENT MARKINGS SHALL BE COMPLETELY ERADICATED.
4. LIMITS SHOWN OF PROPOSED MARKINGS ARE APPROXIMATE AND SHALL BE MODIFIED IN THE FIELD TO ENSURE THAT PROPOSED PAVEMENT MARKINGS CONTINUE UNTIL EXISTING PAVEMENT MARKINGS CAN BE MATCHED.
5. LIMITS OF PARKING LANE MARKINGS ARE APPROXIMATE.
6. PROPOSED SIGN LOCATIONS ARE APPROXIMATE AND SHALL BE MODIFIED IN THE FIELD TO AVOID CONFLICT WITH UNDERGROUND UTILITIES OR OTHER CONSTRUCTIONS.
7. PROPOSED SIGNS SHALL BE INSTALLED SO THAT NO PORTION OF THE SIGN PANEL OVERHANGS ADJACENT ROADWAY PAVEMENT, I.E. SHALL NOT HANG IN FRONT OF A FACE OF CURB.
8. PROPOSED SIGNS AND POSTS SHALL BE INSTALLED SO THEY DO NOT BLOCK THE VISIBILITY OF ANY EXISTING SIGNS OR SIGNALS.
9. PROPOSED SIGNS AND POSTS SHALL BE CLEAR OF EXISTING FIRE HYDRANTS, SURFACE UTILITY, AND OVERHEAD UTILITY EQUIPMENT A MINIMUM OF 10 FEET.
10. FOR NEW POST INSTALLATION, THE CONTRACTOR SHALL VERIFY THAT THERE ARE NOT CONFLICTING UNDERGROUND OR OVERHEAD UTILITIES.
11. IF SIGNS ARE MOUNTED ON A POLE NOT OWNED BY THE CITY, WRITTEN PERMISSION MUST BE OBTAINED FROM THE OWNER (UTILITY COMPANY OR PROPERTY OWNER). THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING REQUIRED PERMISSION.
12. ALL SIGN LOCATIONS SHOWN ON THE PLANS ARE SCHEMATIC AND MAY NOT REFLECT ACTUAL FIELD LOCATION. THE CONTRACTOR SHALL VERIFY EACH LOCATION PRIOR TO INSTALLING A SIGN. IF AT ANY POINT THE CONTRACTOR FINDS A CONFLICT, THE CONTRACT SHALL CONTACT THE ENGINEER PRIOR TO INSTALLING THE PROPOSED SIGN. PROPOSED SIGN LOCATIONS CAN BE ADJUSTED AS APPROVED BY THE ENGINEER.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING WITH MATCHING MATERIALS ANY PAVEMENT, PAVEMENT MARKINGS, CURB AND GUTTER, SIDEWALK, ETC. THAT ARE DAMAGED DURING CONSTRUCTION.
14. INSTALLATION OF TRAFFIC SEPARATOR IS TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. DIMENSIONS, MATERIALS, AND ATTACHMENTS MAY VARY BETWEEN MANUFACTURERS. COLOR OF SEPARATOR SHALL MATCH COLOR OF APPLICABLE EDGE LINE.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK ZONE SIGNING, DELINEATION, PAVEMENT MARKINGS AND ANY OTHER TRAFFIC CONTROL DEVICES NECESSARY TO PERFORM THE WORK. THE WORK ZONE TRAFFIC CONTROL SHALL CONFORM TO THE CURRENT EDITION OF THE VIRGINIA WORK AREA PROTECTION MANUAL. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL IMMEDIATELY REMOVE ALL TEMPORARY DEVICES.
16. CITY OF ALEXANDRIA T&ES MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENTS OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FINAL INSPECTION. CERTIFIED RESPONSIBLE LAND DISTURBER IS REQUIRED TO ATTEND PRE-CONSTRUCTION MEETINGS.
17. ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH THE ALEXANDRIA NOISE CONTROL CODE TITLE 11, CHAPTER 5, WHICH PERMITS CONSTRUCTION ACTIVITIES TO OCCUR BETWEEN THE FOLLOWING HOURS:
 - MONDAY THROUGH FRIDAY FROM 7AM TO 6PM
 - SATURDAYS FROM 9AM TO 6PM
 - NO CONSTRUCTION ACTIVITIES ARE PERMITTED ON SUNDAYS

18. EMERGENCY VEHICLE EASEMENT SIGNAGE AND FIRE HYDRANTS SHALL REMAIN AVAILABLE DURING AND AFTER CONSTRUCTION. IN THE EVENT THAT ROAD CLOSURE IS REQUIRED, THE APPLICANT SHALL CONTACT THE ALEXANDRIA FIRE DEPARTMENT'S COMMUNICATIONS DIVISION AT 703-838-4660.
19. ALL EXISTING RESIDENTIAL AND COMMERCIAL ENTRANCES SHALL REMAIN OPEN AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.
20. SIDEWALKS AND CROSSWALKS SHALL REMAIN OPEN AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.
21. ALL LANE WIDTHS SHALL BE A MINIMUM OF 10 FEET DURING CONSTRUCTION.
22. LANE CLOSURES REQUIRE A MINIMUM OF 5 BUSINESS DAYS ADVANCE NOTICE TO CITY ENGINEER FOR APPROVAL.
23. SOURCE OF BASE MAPPING IS CITY OF ALEXANDRIA GEOGRAPHIC INFORMATION SYSTEM (GIS). ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO ORDERING MATERIALS FOR CONSTRUCTION. WHEN THESE PLANS ARE IN CONFLICT WITH ACTUAL SITE CONDITIONS, ANY DISCREPANCY SHALL BE REPORTED TO THE CITY ENGINEER PRIOR TO BEGINNING WORK. PROPOSED PAVEMENT MARKINGS AND SIGNAGE MAY BE ADJUSTED AS DIRECTED BY THE CITY ENGINEER.
24. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING MISS UTILITY PRIOR TO BEGINNING WORK. ANY DAMAGE TO UTILITIES MUST BE REPAIRED OR REPLACED BY THE CONTRACTOR, AT HIS OR HER EXPENSE.

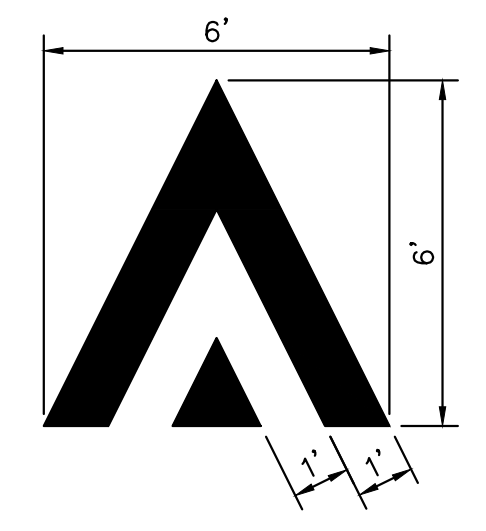
SIGN SCHEDULE

	MUTCD STANDARD	PANEL SIZE		QUANTITY	PROPOSED SIGN STRUCTURE STD.
		W	H		
	W11-2*	30"	30"	2	STP-1 SPD-5 TYPE C
	W16-7P*	24"	12"	2	
	W11-2*	30"	30"	2	STP-1 SPD-5 TYPE C
	W16-9P*	24"	12"	2	
	W17-1*	30"	30"	12	STP-1 SPD-5 TYPE C
	CUSTOM	18"	24"	5	STP-1 SPD-5 TYPE C

SPEED TABLE PLAN AND CROSS SECTION DETAIL
NOT TO SCALE



SPEED TABLE PAVEMENT MARKING DETAIL
NOT TO SCALE



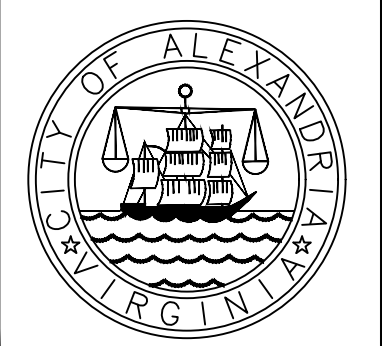
*FLUORESCENT YELLOW-GREEN BACKGROUND COLOR FOR SIGN

CUSTOM NEIGHBORHOOD SLOW ZONE DETAIL
NOT TO SCALE



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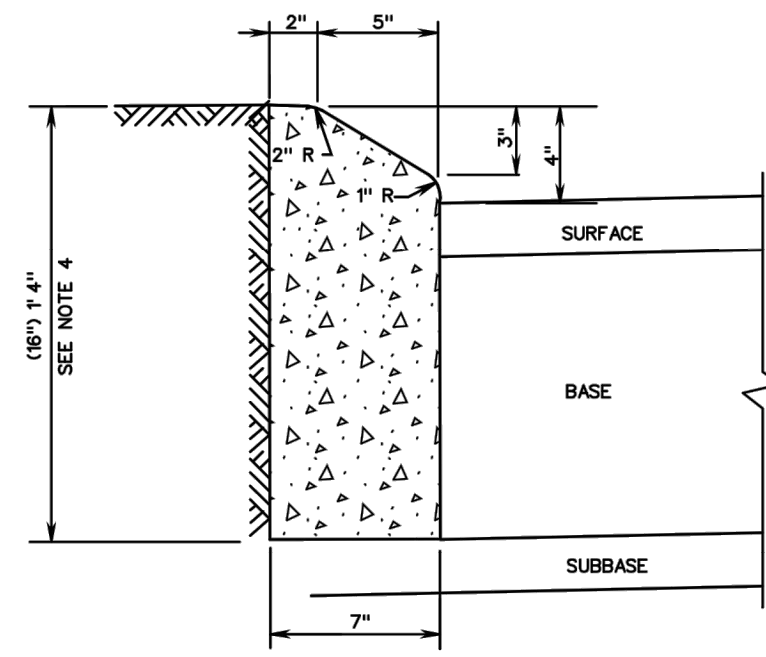


CITY OF ALEXANDRIA COMPLETE STREETS
TASK ORDER 10
LYNHAVEN NEIGHBORHOOD SLOW ZONE

2A GENERAL NOTES

DATE	6/8/22	SHEET NUMBER
SCALE	1" = 25'	
		2A

CG-3

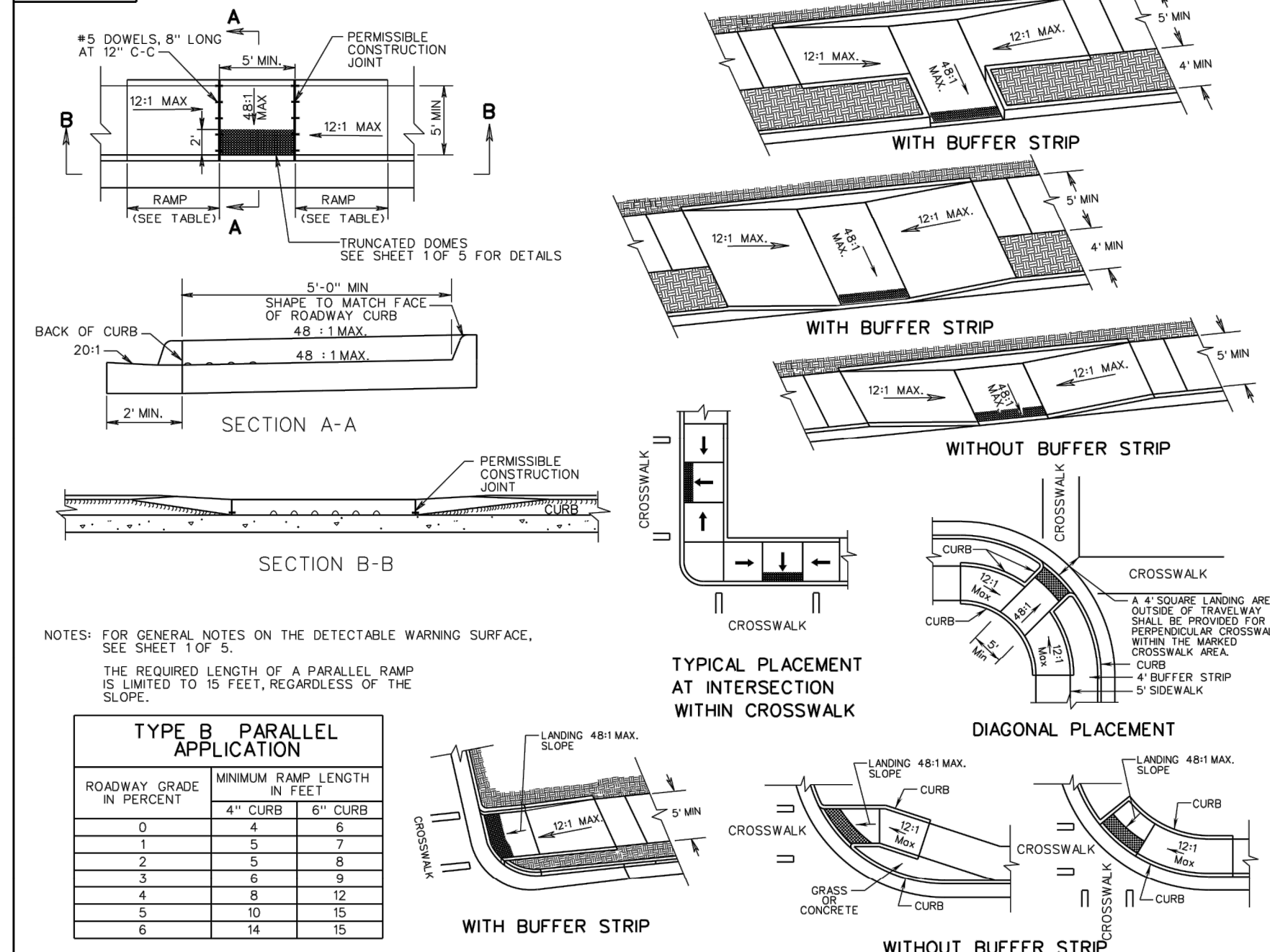


NOTES:

1. THIS ITEM MAY BE PRECAST OR CAST IN PLACE.
2. CONCRETE TO BE CLASS A3 IF CAST IN PLACE, 4000 PSI IF PRECAST.
3. CURB HAVING A RADIUS OF 300 FEET OR LESS (ALONG FACE OF CURB) WILL BE PAD FOR AS RADIAL CURB.
4. THE DEPTH OF CURB MAY BE REDUCED AS MUCH AS 3" (3" DEPTH) OR INCREASED AS MUCH AS 3" (3" DEPTH) IN ORDER THAT THE BOTTOM OF THE CURB WILL COINCIDE WITH THE TOP OF A COURSE OF THE PAVEMENT SUBSTRUCTURE. OTHERWISE, THE DEPTH IS TO BE 4" AS SHOWN. NO ADJUSTMENT IN THE PRICE BID IS TO BE MADE FOR A DECREASE OR AN INCREASE IN DEPTH.
5. CG-3 IS TO BE USED ON ROADWAYS MEETING THE REQUIREMENTS FOR CG-7 AS SHOWN IN APPENDIX A OF THE VDOT ROAD DESIGN MANUAL IN THE SECTION ON CURB STANDARDS.
6. WHEN THIS STANDARD IS TO BE TIED INTO EXISTING BARRIER CURB, THE TRANSITION IS TO BE MADE WITHIN 10' OR THE CHANGE IN STANDARDS CAN BE MADE AT REGULAR OPENINGS.

		STANDARD 4" CURB VIRGINIA DEPARTMENT OF TRANSPORTATION 2016 ROAD & BRIDGE STANDARDS	SPECIFICATION REFERENCE 105 502
ROAD AND BRIDGE STANDARDS	REVISION DATE		
SHEET 1 OF 1 20102			

CG-12



NOTES: FOR GENERAL NOTES ON THE DETECTABLE WARNING SURFACE, SEE SHEET 1 OF 5.
THE REQUIRED LENGTH OF A PARALLEL RAMP IS LIMITED TO 10 FEET, REGARDLESS OF THE SLOPE.

TYPE B PARALLEL APPLICATION

ROADWAY GRADE IN PERCENT	MINIMUM RAMP LENGTH IN FEET	
	4" CURB	6" CURB
0	4	6
1	5	7
2	5	8
3	6	9
4	6	12
5	10	15
6	14	15

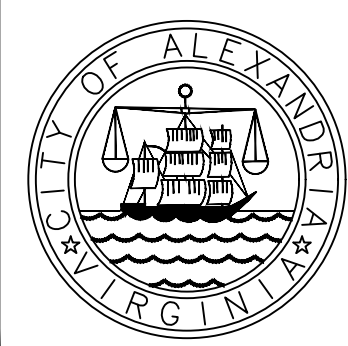
		CG-12 DETECTABLE WARNING SURFACE TYPE B (PARALLEL) APPLICATION VIRGINIA DEPARTMENT OF TRANSPORTATION 2016 ROAD & BRIDGE STANDARDS	SPECIFICATION REFERENCE 105 502
ROAD AND BRIDGE STANDARDS	REVISION DATE		
SHEET 3 OF 5 203.07	07/16		

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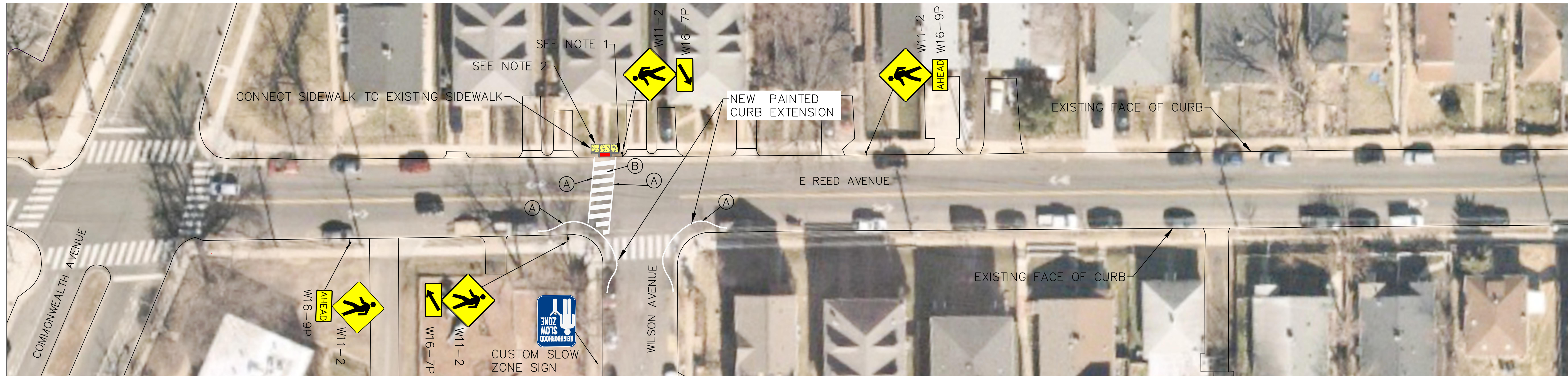


CITY OF ALEXANDRIA COMPLETE STREETS
 TASK ORDER 10
 LYNHAVEN NEIGHBORHOOD SLOW ZONE

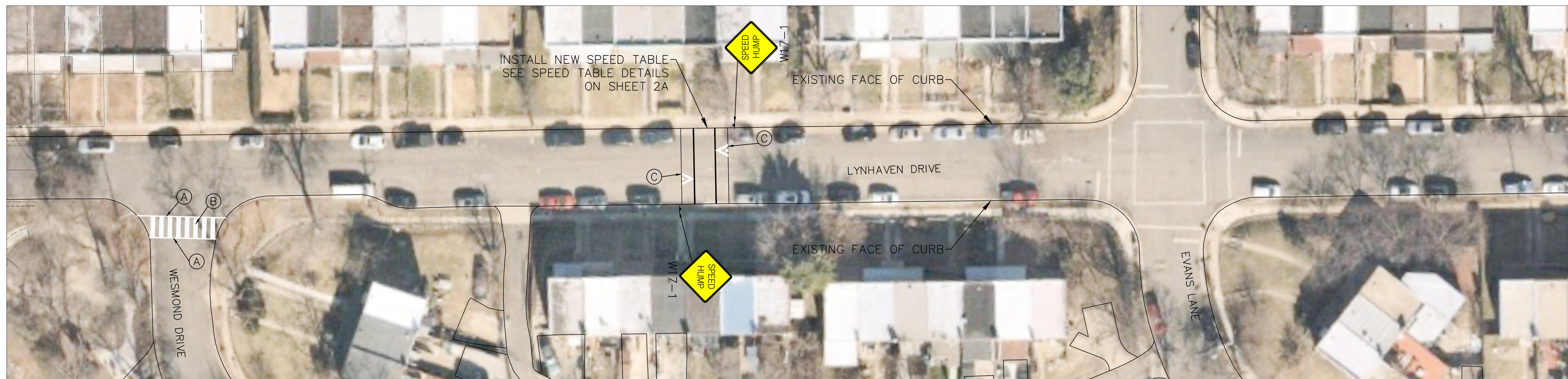
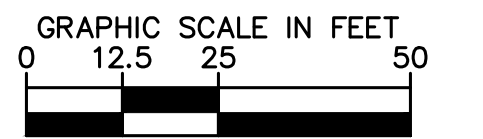
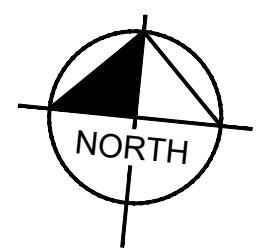
2B GENERAL NOTES

DATE	6/8/22	SHEET NUMBER
SCALE	1" = 25'	
		2B

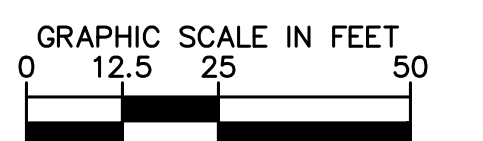
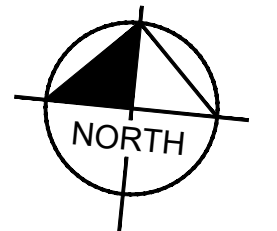
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E REED AVENUE



LYNHAVEN DRIVE AT WESMOND DRIVE AND EVANS LANE



PAVEMENT MARKING LEGEND

- (A) TYPE B, CLASS 1, WHITE, 6" WIDTH
- (B) TYPE B, CLASS 1, WHITE, 24" WIDTH, 24" SPACE, 10' LONG
- (C) TYPE B, CLASS 1, WHITE, 12" WIDTH, 12" SPACE

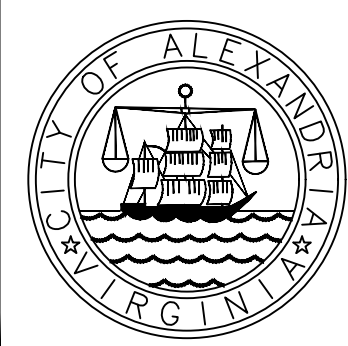
NOTES

1. REMOVE TREE.
2. INSTALL NEW ADA CURB RAMP. SEE CG-12 DETAIL ON SHEET 2A.
3. ALL SIGNS SHOWN ON PLAN TO BE INSTALLED ON NEW POLES EXCEPT WHERE OTHERWISE NOTED.

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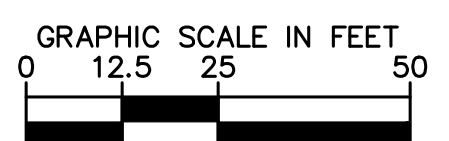
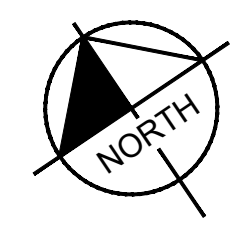
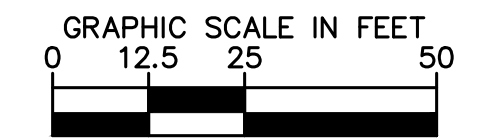
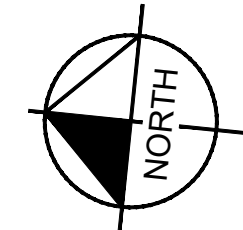
CITY OF ALEXANDRIA COMPLETE STREETS
 TASK ORDER 10
 LYNHAVEN NEIGHBORHOOD SLOW ZONE

E REED AVENUE AND LYNHAVEN DRIVE

DATE
 6/8/22
 SCALE
 1" = 25'

SHEET NUMBER
 3

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PAVEMENT MARKING LEGEND

- (A) TYPE B, CLASS 1, WHITE, 6" WIDTH
- (B) TYPE B, CLASS 1, WHITE, 24" WIDTH, 24" SPACE, 10' LONG
- (C) TYPE B, CLASS 1, WHITE, 12" WIDTH, 12" SPACE

NOTES

1. ALL SIGNS SHOWN ON PLAN TO BE INSTALLED ON NEW POLES EXCEPT WHERE OTHERWISE NOTED.

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				SCALE	1" = 25'		

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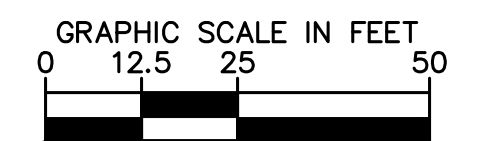


PAVEMENT MARKING LEGEND

- (A) TYPE B, CLASS I, WHITE, 12" WIDTH, 12" SPACE

NOTES

1. ALL SIGNS SHOWN ON PLAN TO BE INSTALLED ON NEW POLES EXCEPT WHERE OTHERWISE NOTED.



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CITY OF ALEXANDRIA COMPLETE STREETS
 TASK ORDER 10
 LYNHAVEN NEIGHBORHOOD SLOW ZONE

WESMOND DRIVE

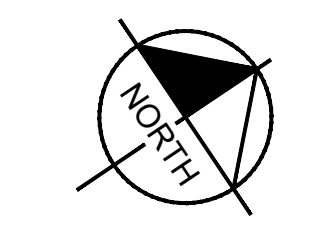
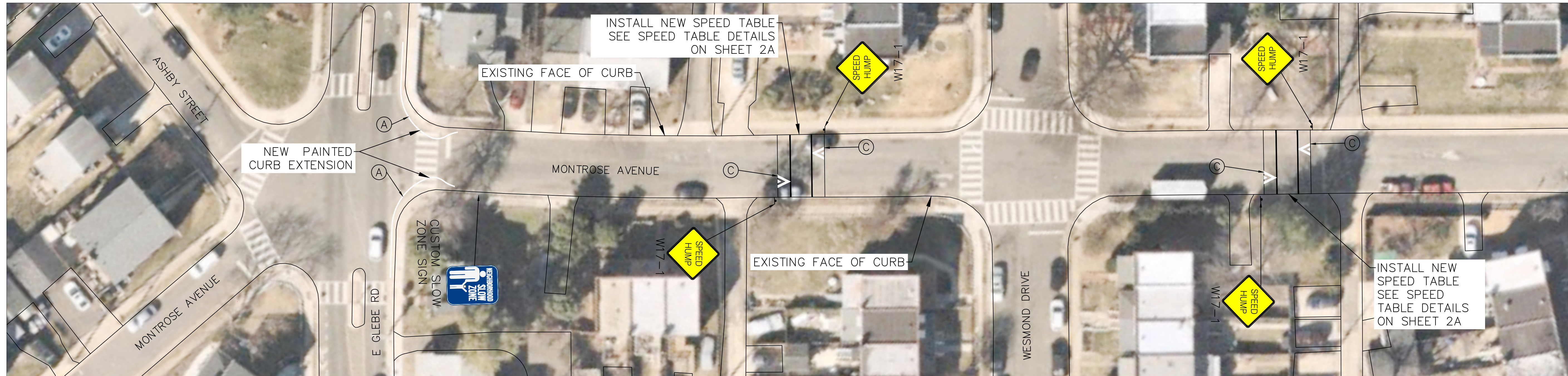
DATE
 6/8/22

SCALE
 1" = 25'

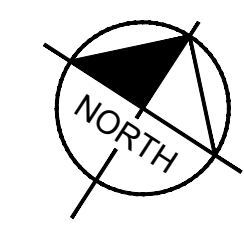
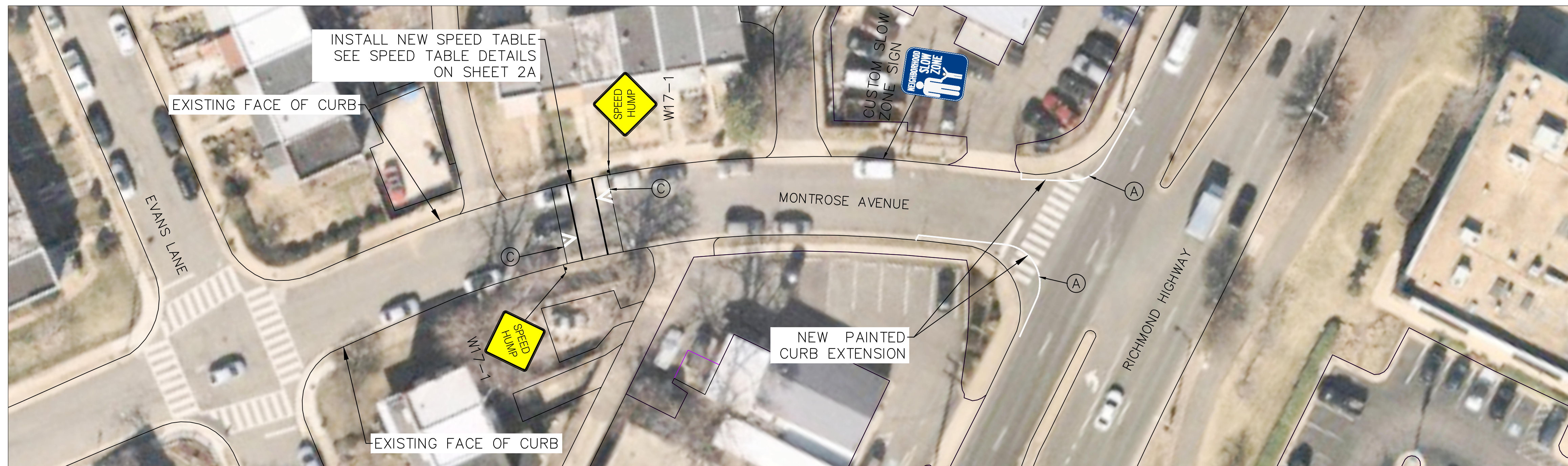
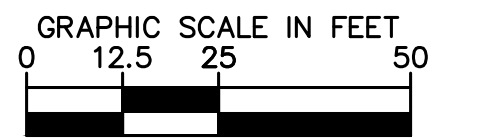
SHEET NUMBER

5

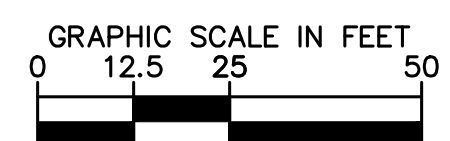
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MATCHLINE - SEE BELOW



MATCHLINE - SEE ABOVE



PAVEMENT MARKING LEGEND

- (A) TYPE B, CLASS 1, WHITE, 6" WIDTH
- (B) TYPE B, CLASS 1, WHITE, 24" WIDTH, 24" SPACE, 10' LONG
- (C) TYPE B, CLASS I, WHITE, 12" WIDTH, 12" SPACE

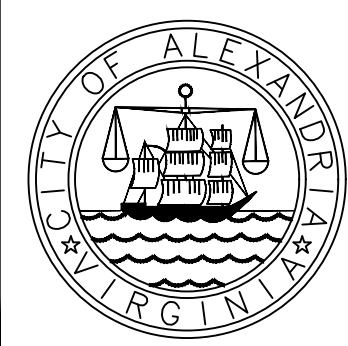
NOTES

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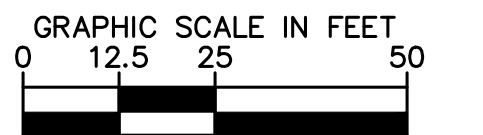
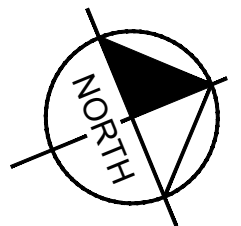


CITY OF ALEXANDRIA COMPLETE STREETS
 TASK ORDER 10
 LYNHAVEN NEIGHBORHOOD SLOW ZONE

MONTROSE AVENUE

DATE	6/8/22	SHEET NUMBER	6
SCALE	1" = 25'		

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PAVEMENT MARKING LEGEND

- (A) TYPE B, CLASS 1, WHITE, 6" WIDTH
- (B) TYPE B, CLASS 1, WHITE, 4" WIDTH
- (C) TYPE B, CLASS 1, WHITE, 24" WIDTH, 24" SPACE, 10' LONG
- (D) TYPE B, CLASS 1, DOUBLE YELLOW, 4" WIDTH
- (E) TYPE B, CLASS 1, WHITE, 24" WIDTH

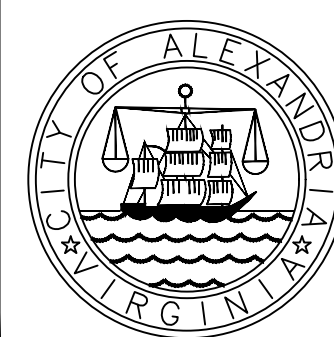
NOTES

1. ALL SIGNS SHOWN ON PLAN TO BE INSTALLED ON NEW POLES EXCEPT WHERE OTHERWISE NOTED.
2. INSTALL NEW ADA CURB RAMP. SEE CG-12 DETAIL ON SHEET 2A.

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 TASK ORDER 10
 LYNHAVEN NEIGHBORHOOD SLOW ZONE

WILSON AVENUE

DATE
 6/8/22

SCALE
 1" = 25'

SHEET NUMBER

7