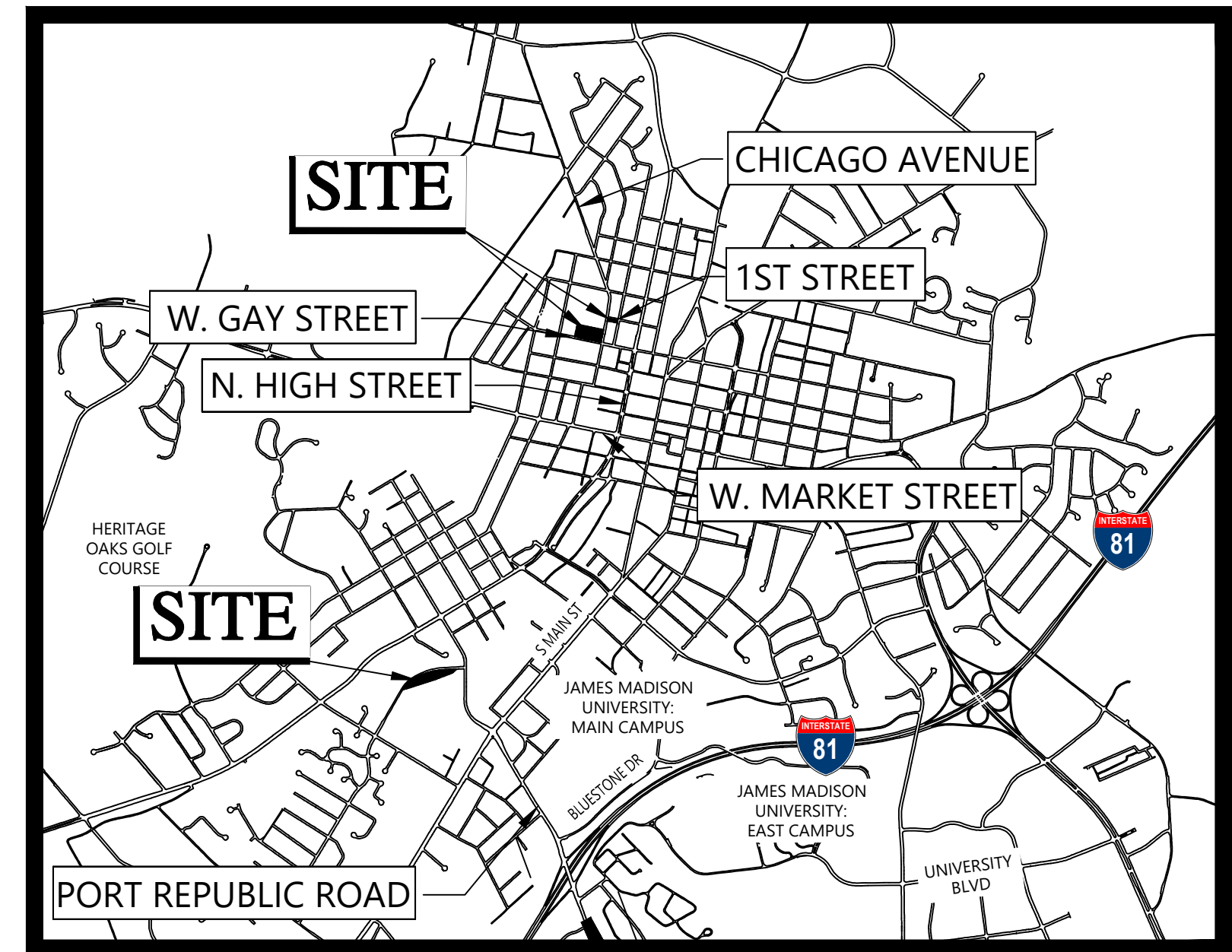




STATE	FEDERAL AID	STATE		SHEET NO.
	PROJECT	ROUTE	PROJECT	
VA.	TAP-5115(302)	VARIOUS	EN23-115-295	1



Site Location Map



INDEX OF SHEETS

SHEET NO. 1	TITLE SHEET
SHEET NO. 1A	RIGHT OF WAY DATA SHEET
SHEET NO. 1B - 1B(1)	ALIGNMENT DATA SHEET
SHEET NO. 1C - 1C(1)	SURVEY CONTROL
SHEET NO. 1D	MAINTENANCE OF TRAFFIC DETAILS
SHEET NO. 2	GENERAL NOTES
SHEET NO. 2A	TYPICAL SECTIONS
SHEET NO. 2B-2B(1)	DEMOLITION & EROSION AND SEDIMENT CONTROL PLAN
SHEET NO. 3-5	PLAN AND PROFILE
SHEET NO. 6-6(1)	GRADING & GEOMETRIC PLAN
SHEET NO. 7	DETAILS
SHEET NO. XS(1)-XS(7)	CROSS SECTIONS

LOCALLY ADMINISTERED PROJECTS	
NAME OF LOCALITY	
(SIGNATURE)	
NAME OF RESPONSIBLE LOCAL GOVERNMENT OFFICAL (TYPED)	
RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION	
DATE	TITLE OF POSITION
(SIGNATURE)	
NAME OF RESPONSIBLE LOCAL GOVERNMENT OFFICAL (TYPED)	
RECOMMENDED FOR APPROVAL FOR CONSTRUCTION	
DATE	TITLE OF POSITION

RECOMMENDED FOR CONSTRUCTION	
DATE	DIRECTOR OF PUBLIC WORKS, CITY OF HARRISONBURG

[illegible]

vhb

Vanasse Hangen Brustlin, Inc.

Transportation
Land Development
Environmental Services

Two Columbus Center
4500 Main Street, Suite 400
Virginia Beach, Virginia 23462
757.490.0132 • FAX 757.490.0136

PLANS REVISED			
SHEET NO.	DATE	REMARKS	
		SHEET NO.	TOTAL SHEETS
		1	24

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RIGHT OF WAY DATA SHEET

W GAY ST – PRELIMINARY

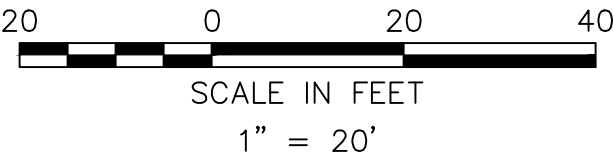
PARCEL NO.	LANDOWNER	SHEET NO.	AREA															PROFFERS	
			TOTAL	FEE TAKING		PRESCRIPTIVE R/W		FEE REMAINDER		EASEMENTS									
				PERMANENT/PEDESTRIAN ACCESS / SHARED USE PATH	UTILITY		TEMPORARY		TEMPORARY(ENTRANCES)										
			ACRES OR SQUARE FEET	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	YES / NO	
1	CITY OF HARRISONBURG SCHOOL BOARD	3	385,768 SF	0 SF				385,768 SF		---		---		5,660 SF					

1ST ST – PRELIMINARY

PARCEL NO.	LANDOWNER	SHEET NO.	AREA															PROFFERS	
			TOTAL	FEE TAKING		PRESCRIPTIVE R/W		FEE REMAINDER		EASEMENTS									
				PERMANENT/PEDESTRIAN ACCESS / SHARED USE PATH	UTILITY		TEMPORARY		TEMPORARY(ENTRANCES)										
			ACRES OR SQUARE FEET	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	YES / NO	
2	BLAIR CHARLES J II HANNAH	2B,4,6	7,497 SF	0 SF				7,497 SF				---		450 SF					

CENTRAL AVE – PRELIMINARY

PARCEL NO.	LANDOWNER	SHEET NO.	AREA															PROFFERS	
			TOTAL	FEE TAKING		PRESCRIPTIVE R/W		FEE REMAINDER		EASEMENTS									
				PERMANENT/PEDESTRIAN ACCESS / SHARED USE PATH	UTILITY		TEMPORARY		TEMPORARY(ENTRANCES)										
			ACRES OR SQUARE FEET	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	ACRES OR SQ. FEET	HECTARES/ OR SQ. METERS	YES / NO	
3	CITY OF HARRISONBURG SCHOOL BOARD	5,6,7	713,517 SF	0 SF				713,517 SF				---		4,569 SF					

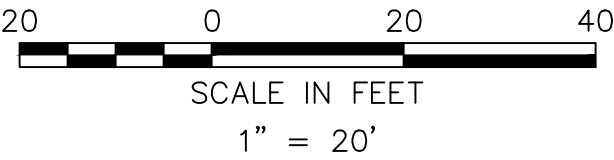
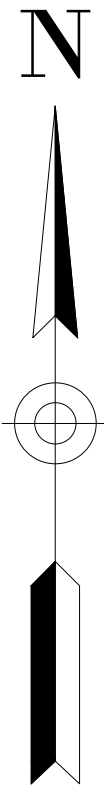
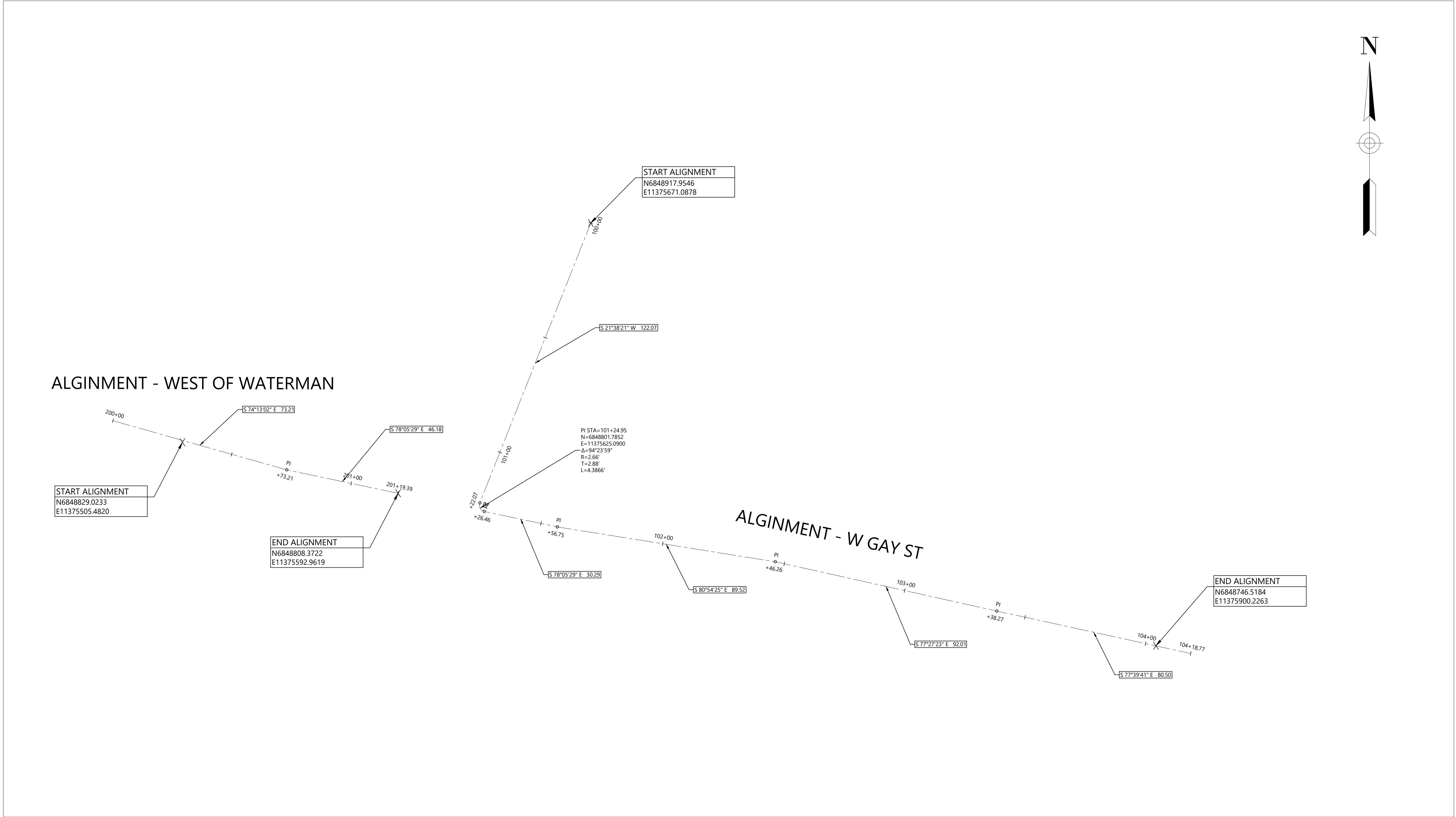


NO.	DATE	REVISION

CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS		July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450		NOT FOR CONSTRUCTION
RIGHT OF WAY DATA SHEET SAFE ROUTES TO SCHOOL		
 Vanasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136		SHEET NO. 1A

Saved Thursday, July 17, 2025 3:18:12 PM LILMENEZ Plotted Friday, July 25, 2025 11:43:48 AM Lorenz Jimenez

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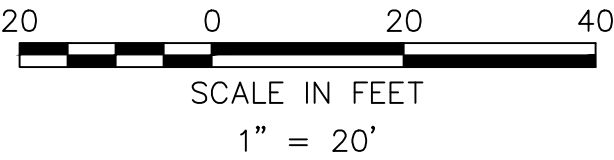
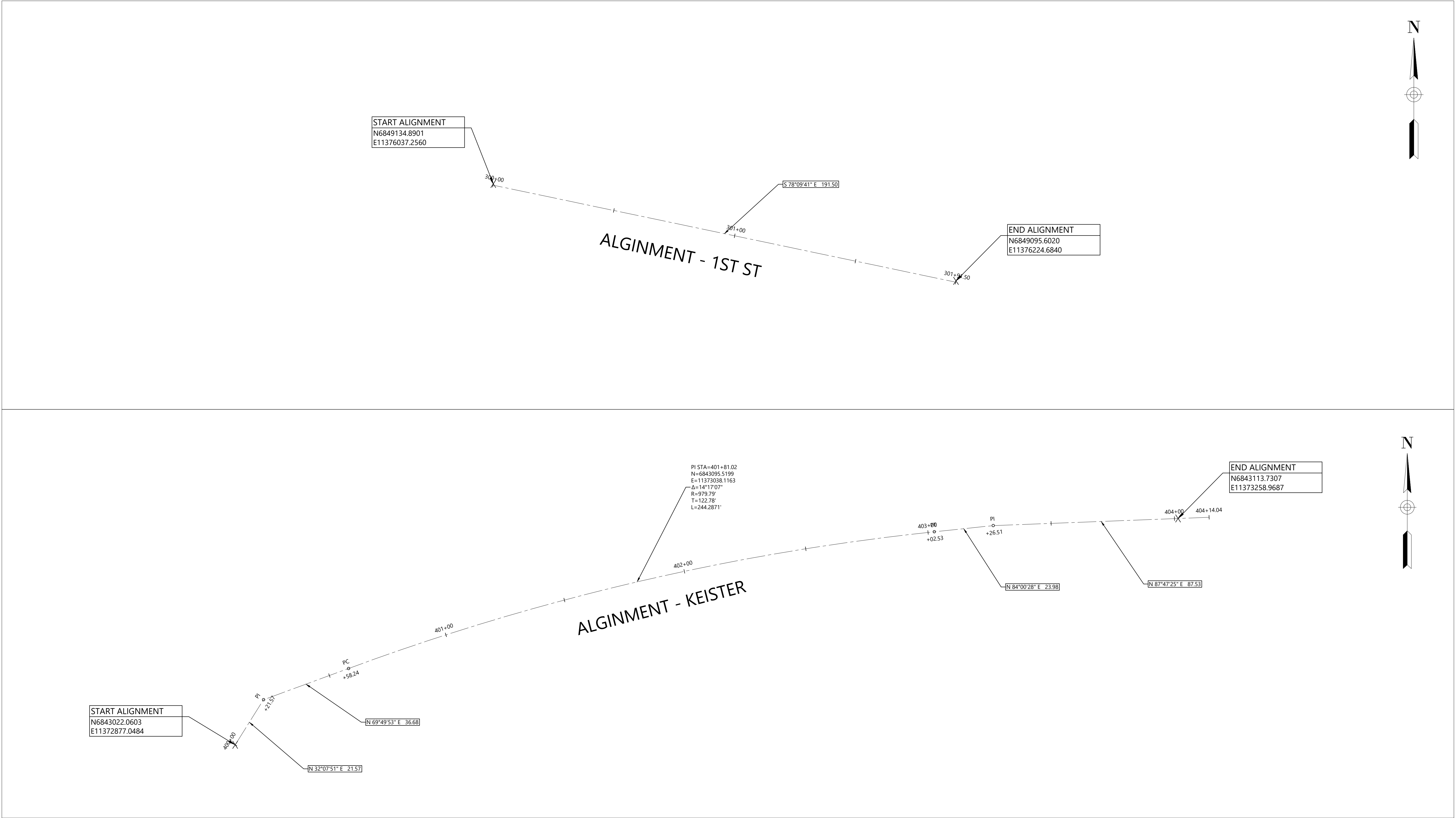
VHB Project No. 34721.06

NO.	DATE	REVISION

CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS		July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450		NOT FOR CONSTRUCTION
ALIGNMENT DATA SAFE ROUTES TO SCHOOL		
 Vannasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136		SHEET NO. 1B

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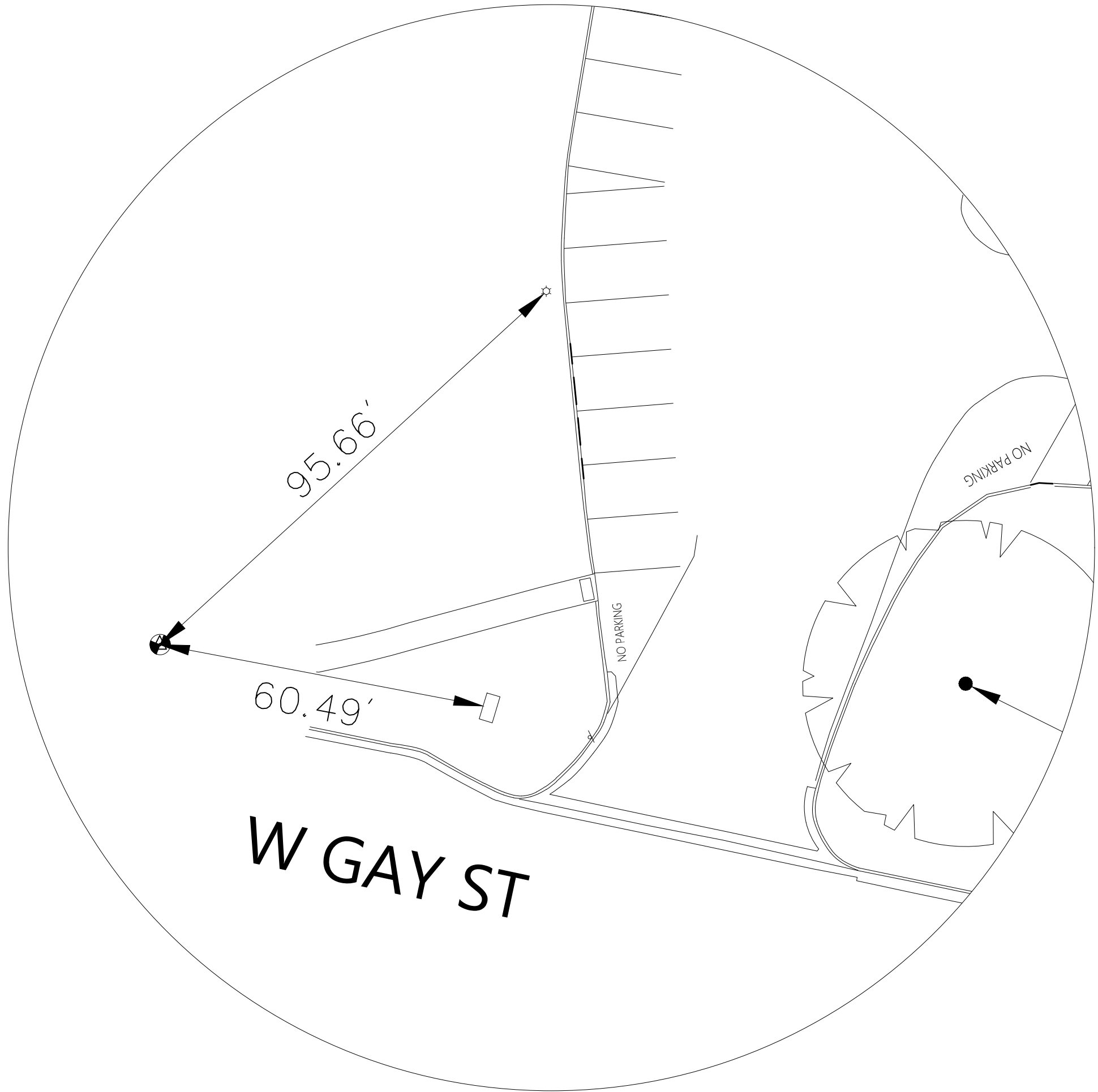
VHB Project No. 34721.06

NO.	DATE	REVISION

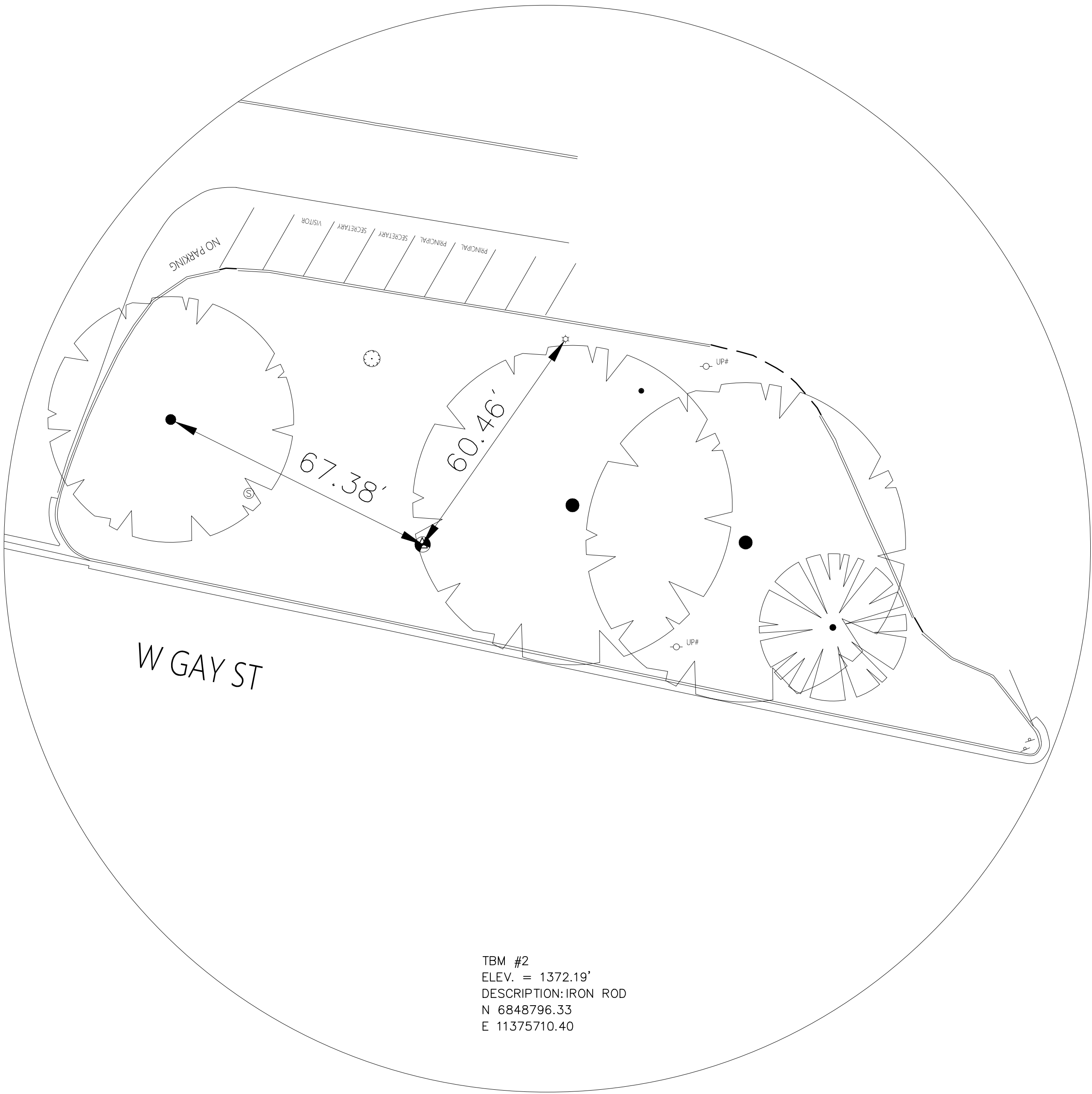
CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS	July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450	NOT FOR CONSTRUCTION
ALIGNMENT DATA SAFE ROUTES TO SCHOOL	
 Vannase Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136	SHEET NO. 1B(1)

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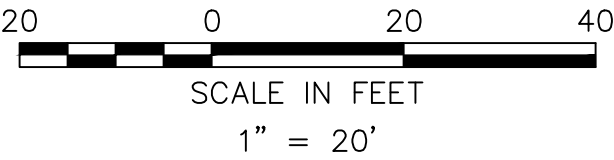
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TBM #1
ELEV. = 1361.22'
DESCRIPTION: IRON ROD
N 6848834.02
E 11375500.66



TBM #2
ELEV. = 1372.19'
DESCRIPTION: IRON ROD
N 6848796.33
E 11375710.40



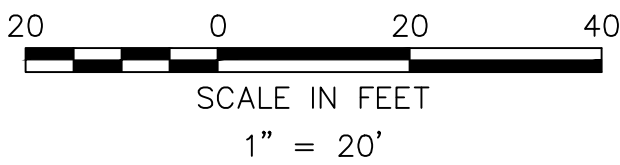
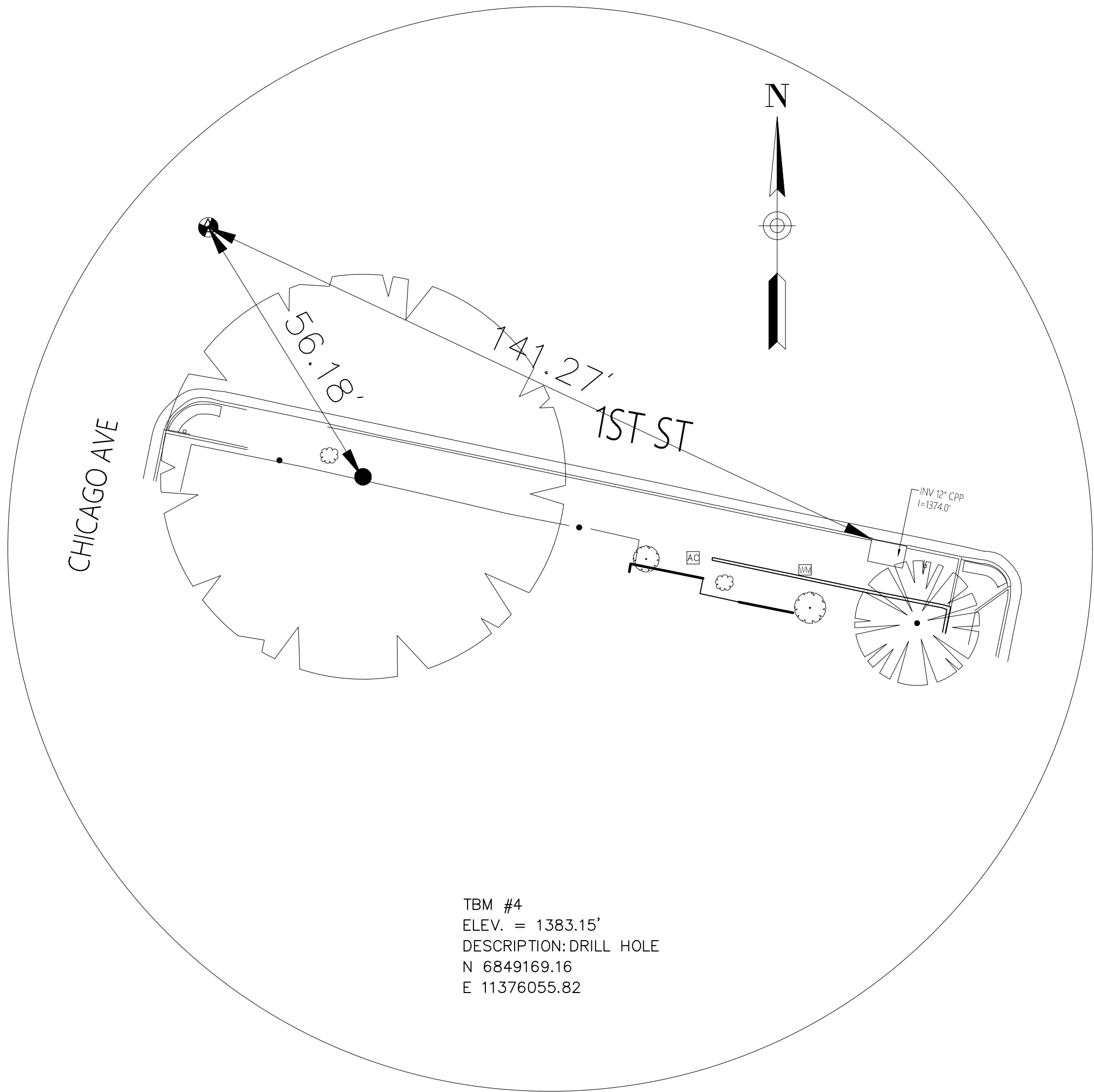
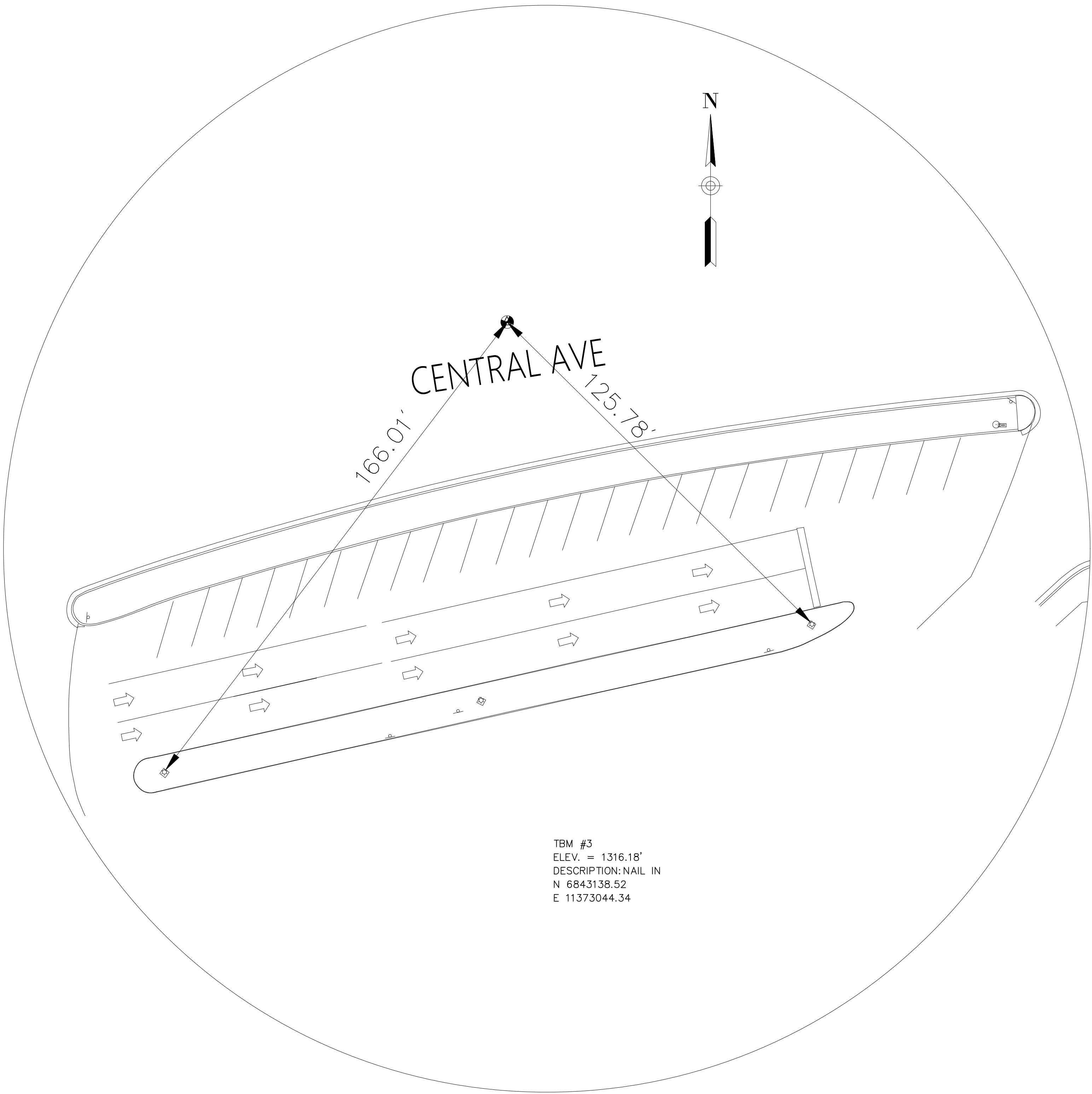
VHB Project No. 34721.06

NO.	DATE	REVISION

CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS	July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450	NOT FOR CONSTRUCTION
SURVEY CONTROL SAFE ROUTES TO SCHOOL	
 Vanasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136	SHEET NO. 1C

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VHB Project No. 34721.06

NO.	DATE	REVISION

CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS	July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450	NOT FOR CONSTRUCTION
SURVEY CONTROL SAFE ROUTES TO SCHOOL	
 Vanasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136	SHEET NO. 1C(1)

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MAINTENANCE OF TRAFFIC NOTES

1. WORK HOURS: WORK HOURS SHALL BE BETWEEN 7AM AND 5PM, MONDAY THROUGH FRIDAY, UNLESS OTHERWISE APPROVED BY THE CITY
2. LANE CLOSURES: TEMPORARY LANE AND/OR ENTRANCE CLOSURES DURING THE WORK HOURS SHALL BE REMOVED AT THE END OF THE WORK DAY AND EXISTING ROADWAYS AND ENTRANCES SHALL BE FULLY OPEN TO THE PUBLIC.

Page 6H-54

September 2019

Typical Traffic Control
Lane Closure on a Two-Lane Roadway Using Flaggers
(Figure TTC-23.2)

NOTES

Guidance:

1. Sign spacing distance should be 350'-500' where the posted speed limit is 45 mph or less, and 500'-800' where the posted speed limit is greater than 45 mph.
2. Care should be exercised when establishing the limits of the work zone to insure maximum possible sight distance in advance of the flagger station and transition, based on the posted speed limit and at least equal to or greater than the values in Table 6H-3. Generally speaking, motorists should have a clear line of sight from the graphic flagger symbol sign to the flagger.
3. To maintain efficient traffic flow in a flagging operation on a two-lane roadway, the maximum time motorists should be stopped at a flagger station is 8 minutes for high volume roadways (average daily traffic of 500 or more vehicles per day) to a maximum of 12 minutes for low volume roadways (less than 500 vehicles per day). For additional information see Section 6E.07.²

Standard:

4. Portable Temporary Rumble Strips (PTRS) shall be used as noted in Section 6F.99.
5. Flagging stations shall be located far enough in advance of the work space to permit approaching traffic to reduce speed and/or stop before passing the work space and allow sufficient distance for departing traffic in the left lane to return to the right lane before reaching opposing traffic (see Table 6H-3 on Page 6H-5).
6. All flaggers shall be state certified and have their certification card in their possession when performing flagging duties (see Section 6E.01, Qualifications for Flaggers).
7. Cone spacing shall be based on the posted speed and the values in Table 6H-4 on Page 6H-6.¹
8. A shadow vehicle with at least one high intensity amber rotating, flashing, or¹ oscillating light shall be parked 80'-120' in advance of the first work crew.

Option:

8. A SLOW (W21-V10) sign² may be required in this area to give advance warning of the operation ahead by slowing approaching traffic prior to reaching the flagger station or queued traffic.

Guidance:

9. If the queue of traffic reaches the BE PREPARED TO STOP (W3-4) sign then the signs, and if used the PTRS¹ should be readjusted at greater distances.
10. When a highway-rail crossing exists within or upstream of the transition area and it is anticipated that queues resulting from the lane closure might extend through the highway-rail grade crossing, the temporary traffic control zone should be extended so that the transition area precedes the highway-rail crossing (see Figure TTC-56 for additional information on highway-rail crossings).

Standard:

11. At night, flagger stations shall be illuminated, except in emergencies (see Section 6E.08).

Option:

12. Cones may be eliminated when using a pilot vehicle operation or when the total roadway width is 20 feet or less.
13. For low-volume situations with short work zones on straight roadways where the flagger is visible to road users approaching from both directions, a single flagger, positioned to be visible to road users approaching from both directions, may be used (see Chapter 6E).

Standard:¹

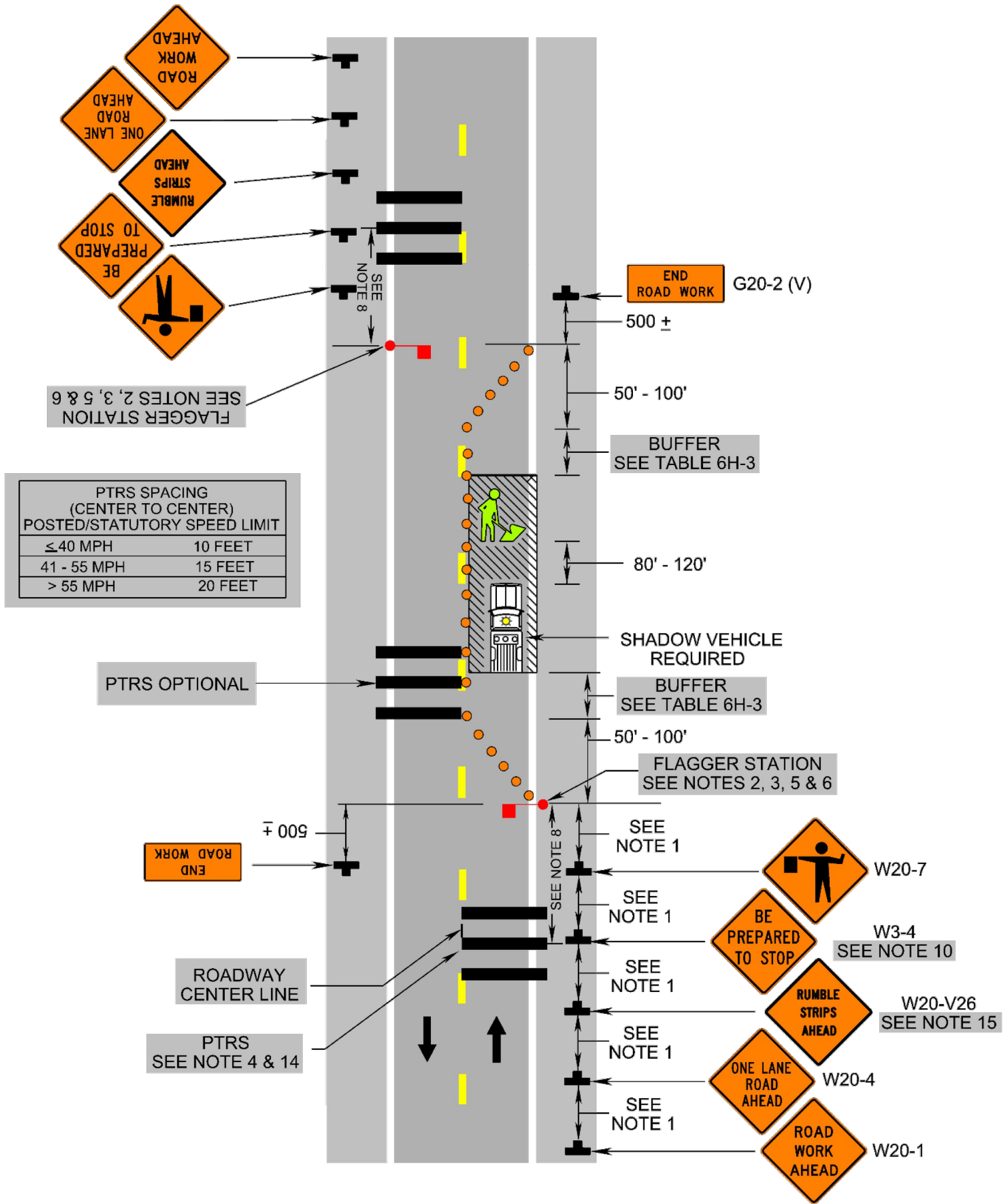
14. When used², three portable temporary rumble (PTRS) strips shall be installed across the entire travel lane adjacent to the BE PREPARED TO STOP (W3-4) sign. The portable temporary rumble strips shall be monitored and adjusted as necessary during the work shift to ensure proper placement on the roadway. When the PTRS are installed, the RUMBLE STRIPS AHEAD (W20-V26) sign shall also be utilized.

1: Revision 1 – 4/1/2015
2: Revision 2 – 9/1/2019

September 2019

Page 6H-55

Lane Closure on a Two-Lane Roadway Using Flaggers
(Figure TTC-23.2)

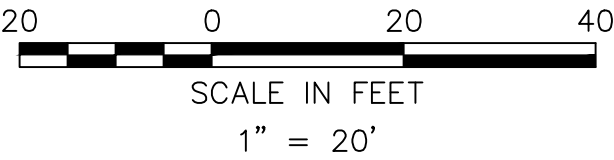


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General Notes:

1. WORK IN THIS PROJECT SHALL CONFORM TO THE LATEST EDITIONS OF THE VIRGINIA DEPARTMENT OF TRANSPORTATIONS (VDOT) ROAD AND BRIDGE SPECIFICATIONS, THE 2016 VDOT ROAD AND BRIDGE STANDARDS, THE VIRGINIA EROSION AND SEDIMENT AND CONTROL HANDBOOK, THE VIRGINIA STORMWATER MANAGEMENT HANDBOOK, AND THE VIRGINIA STORMWATER MANAGEMENT REGULATIONS AND THE CITY OF HARRISONBURG DESIGN AND CONSTRUCTION STANDARDS MANUAL. IN THE EVENT OF CONFLICT BETWEEN THESE STANDARDS, SPECIFICATIONS OR PLANS, THE MOST STRINGENT SHALL GOVERN. ALL UTILITIES TO BE DEDICATED TO THE CITY OF HARRISONBURG MUNICIPAL WATER AND/OR SANITARY SEWER SYSTEM SHALL BE CONSTRUCTED AND TESTED TO CONFORM TO COMMONWEALTH OF VIRGINIA/STATE BOARD OF HEALTH WATERWORKS AND/OR SEWERAGE REGULATIONS AND THE CITY OF HARRISONBURG DESIGN AND CONSTRUCTION STANDARDS MANUAL.
2. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED, CONTINUOUSLY RELOCATED WHEN AND AS NECESSARY AND SHALL BE CHECKED AFTER EVERY RAINFALL. SEEDED AREAS SHALL BE CHECKED REGULARLY AND SHALL OBTAIN A DENSE STAND OF GRASS.
3. ALL DRAINS INLETS SHALL BE PROTECTED FROM SILTATION. INEFFECTIVE PROTECTION DEVICES SHALL BE IMMEDIATELY REPLACED AND INLET CLEANED. FLUSHING IS NOT AN ACCEPTABLE METHOD OF CLEANING.
4. WHEN THE CRUSHED STONE CONSTRUCTION ENTRANCE HAS BEEN COVERED WITH SOIL OR HAS BEEN PUSHED INTO THE SOIL BY CONSTRUCTION TRAFFIC, IT SHALL BE REPLACED WITH A DEPTH OF STONE EQUAL TO THAT OF ORIGINAL APPLICATION.
5. THE LOCATION OF EXISTING UTILITIES AS SHOWN IS APPROXIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL PUBLIC OR PRIVATE UTILITIES THAT LIE IN OR ADJACENT TO THE CONSTRUCTION SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING, AT HIS EXPENSE, ALL EXISTING UTILITIES DAMAGED DURING CONSTRUCTION. FORTY- EIGHT (48) HOURS PRIOR TO ANY EXCAVATION CALL MISS UTILITY 1(800) 552-7001.
6. ALL UNDERGROUND FACILITIES LOCATED WITHIN THE PROJECT LIMITS SHALL BE INSTALLED PRIOR TO THE PLACEMENT OF ANY PART OF THE PAVEMENT STRUCTURE.
7. ALL MATERIALS USED FOR FILL OR BACK-FILL SHALL BE FREE OF WOOD, ROOTS, ROCKS, BOULDERS OR ANY OTHER NON-COMPACTABLE SOIL TYPE MATERIAL. UNSATISFACTORY MATERIALS ALSO INCLUDE MAN-MADE FILLS AND REFUSE DEBRIS DERIVED FROM ANY SOURCE.
8. SATISFACTORY MATERIAL FOR USE AS FILL FOR PUBLIC STREETS OR SHARED USE PATHS INCLUDE MATERIAL CLASSIFIED IN ASTM D-2487 AS GW, GP, GM, GC, SW, SC, ML, AND CL GROUPS. THE MOISTURE CONTENT SHALL BE CONTROLLED WITHIN PLUS OR MINUS 2 PERCENTAGE POINTS OF OPTIMUM TO FACILITATE COMPACTION. GENERALLY, UNSATISFACTORY MATERIALS INCLUDE MATERIALS CLASSIFIED IN ASTM D-2487 AS PT, CH, MH, OL, OH, AND ANY SOIL TOO WET TO FACILITATE COMPACTION. CH AND MH SOILS MAY BE USED SUBJECT TO APPROVAL OF THE CITY INSPECTOR. SOILS SHALL HAVE A MINIMUM DRY DENSITY OF 92 LB/CUBIC FOOT PER ASTM D-698 AND SHALL HAVE A PLASTICITY INDEX LESS THAN 12.
9. CERTIFICATIONS FOR MATERIALS INCLUDING, BUT NOT LIMITED TO STONE, CONCRETE, PIPES, PRECAST UNITS, HANDRAILS, STABILIZATION MATS, TRAFFIC SIGNAL ITEMS, MUST BE PROVIDED TO THE CITY'S ON-SITE INSPECTOR AND APPROVED BY THE INSPECTOR PRIOR TO INSTALLATION. SEE INSPECTOR FOR MATERIALS CERTIFICATION CHECKLIST.
10. COMPACTION TESTS FOR STREET OR SHARED USE PATH PAVEMENT STRUCTURE SHALL BE MADE IN CUT AND FILL AREAS PER PROJECT MANUAL.
11. ALL EXCAVATIONS, INCLUDING TRENCHES, SHALL BE KEPT DRY TO PROTECT THEIR INTEGRITY.
12. CONTRACTOR SHALL SUBMIT QUALITY CONTROL AND TESTING PLAN TO CITY FOR APPROVAL TO TESTING. TEST RESULTS SHALL BE SUBMITTED TO THE PUBLIC WORKS ENGINEER. FAILURE TO CONDUCT DENSITY TESTS AND SUBMIT TEST RESULTS SHALL BE CAUSE FOR NON-ACCEPTANCE OF THE FACILITY. TESTS SHALL BE CONDUCTED AT THE SOLE COST OF THE CONTRACTOR.
13. CITY INSPECTORS HAVE FULL AUTHORITY TO REJECT FILL OR BACKFILL MATERIALS, REQUIRE UNDERCUTTING OR SUB GRADE STABILIZATION, REQUIRE PROVISIONS FOR SUB DRAINAGE, OR REQUIRE OTHER MEASURES WHICH AFFECT THE INTEGRITY OF ROAD, SHARED USE PATH AND UTILITY CONSTRUCTION. FAILURE TO COMPLY WITH INSPECTORS' DIRECTIVES SHALL BE CAUSE FOR NON-ACCEPTANCE OF THE FACILITY.
14. ANY DISCREPANCIES FOUND BETWEEN THE DRAWINGS AND SPECIFICATIONS AND SITE CONDITIONS OR ANY INCONSISTENCIES OR AMBIGUITIES IN DRAWINGS OR SPECIFICATIONS SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER, IN WRITING, WHO SHALL PROMPTLY ADDRESS SUCH INCONSISTENCIES OR AMBIGUITIES. WORK DONE BY THE CONTRACTOR AFTER HIS DISCOVERY OF SUCH DISCREPANCIES, INCONSISTENCIES OR AMBIGUITIES SHALL BE PERFORMED AT THE CONTRACTOR'S RISK.
15. A PRECONSTRUCTION CONFERENCE SHALL BE HELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL ARRANGE THE MEETING WITH THE PUBLIC WORKS ENGINEER. AT THIS TIME, THE CONTRACTOR SHALL PROVIDE A SCHEDULE AND TRAFFIC CONTROL PLAN FOR WORK WITHIN THE CITY RIGHT-OF-WAY.
16. TRUNCATED DOMES ON ACCESSIBLE RAMP SHALL BE IN ACCORDANCE WITH VDOT STANDARDS. COLOR SHALL BE COORDINATED WITH CITY OF HARRISONBURG PUBLIC WORKS ENGINEER.
17. CONTRACTOR SHALL COORDINATE CCTV OF ALL EXISTING SANITARY SEWER MAINS WITHIN THE LIMITS OF CONSTRUCTION UPON COMPLETION OF GRADING AND UTILITY CONSTRUCTION (STORM, SEWER, WATER). CONTRACTOR SHALL COORDINATE CCTV WORK WITH PUBLIC UTILITIES 7 DAYS PRIOR TO ANY ASPHALT CONSTRUCTION. CCTV OF SEWER MAINS SHALL BE INCIDENTAL. GRADING AND UTILITY ITEMS.



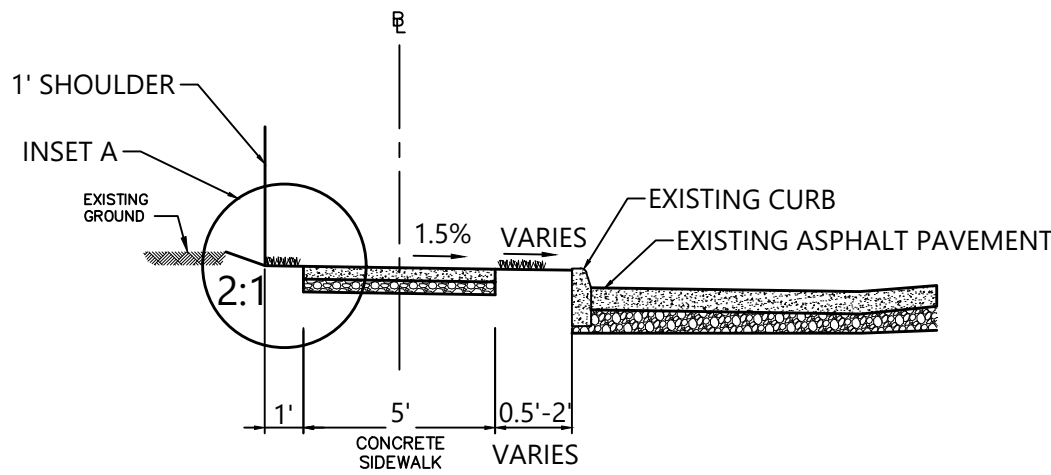
VHB Project No. 34721.06

NO.	DATE	REVISION

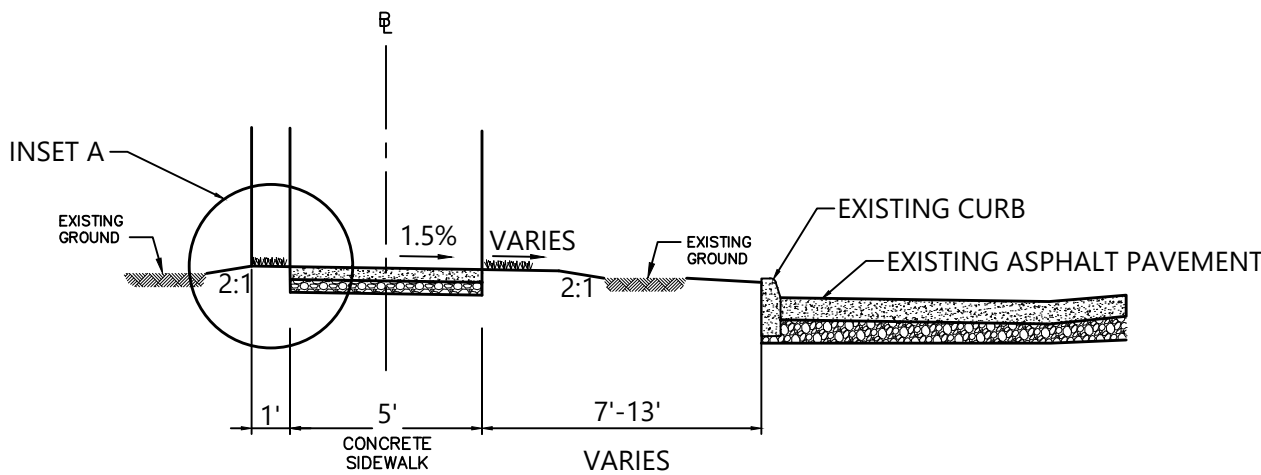
CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS		July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450		NOT FOR CONSTRUCTION
GENERAL NOTES SAFE ROUTES TO SCHOOL		
 <i>Vanasse Hangen Brustlin, Inc.</i> Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136		
		SHEET NO. 2

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\\VHB.COM\GBL\PROJ\64\34721.06 HBURG_SRTS SIDEWALKS\05_WORK\CAD\TE\PLANSET\3472106_TE_TYPICAL-SECTIONS

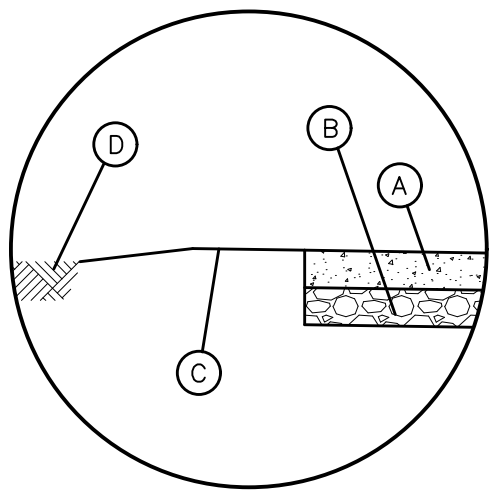


W GAY STREET
STATION 100+47 TO STATION 100+75
STATION 100+90 TO STATION 103+15

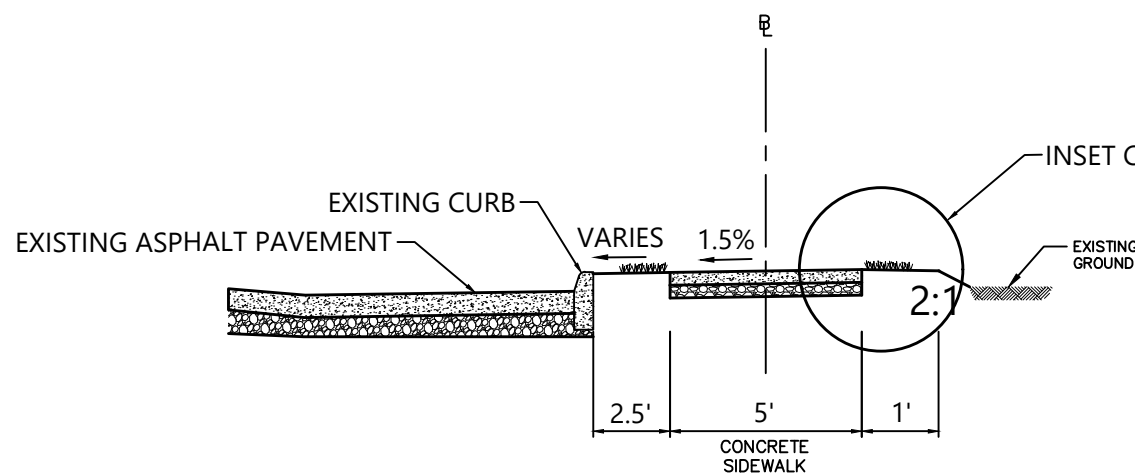


WEST OF WATERMAN
STATION 200+12 TO STATION 200+37
STATION 200+42 TO STATION 201+14

INSET A

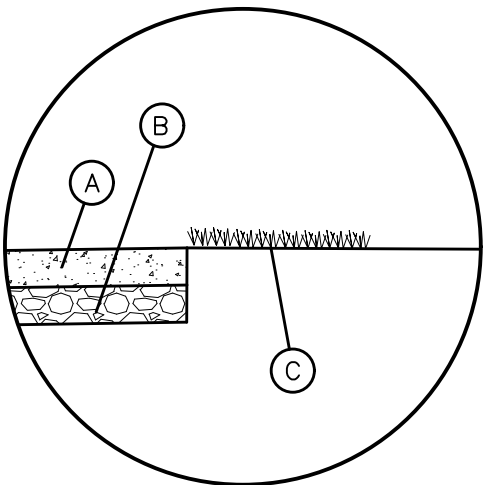


- A 4" CONCRETE SIDEWALK
- B 4" AGGREGATE BASE MATERIAL, TYPE 1, NO. 21B
- C 4" TOPSOIL AND SOD
- D EXISTING GROUND

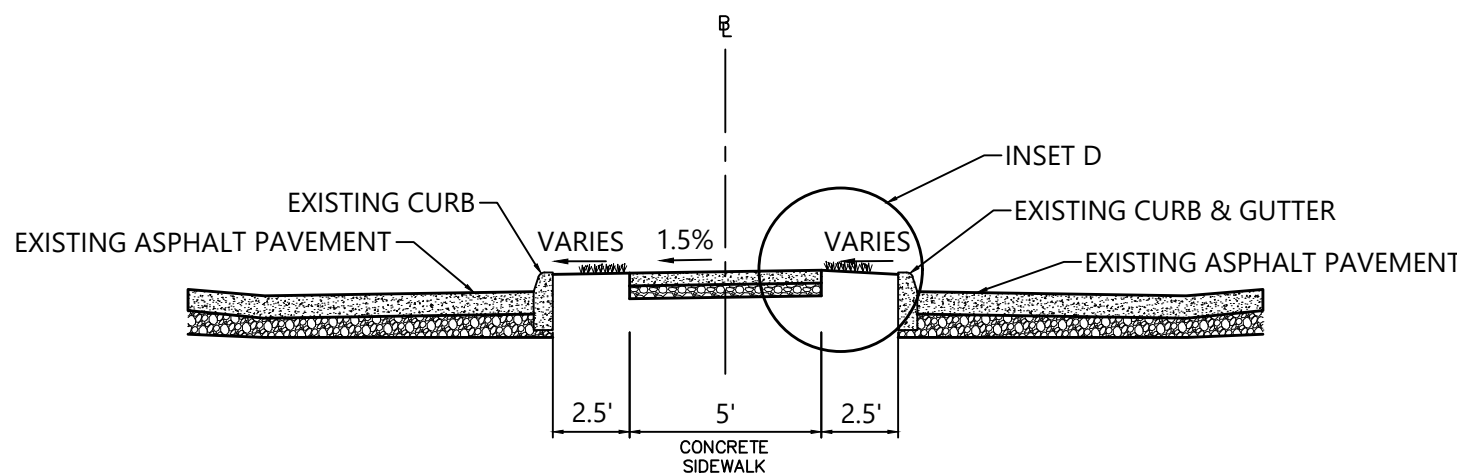


1ST STREET
STATION 300+27 TO STATION 301+48

INSET C

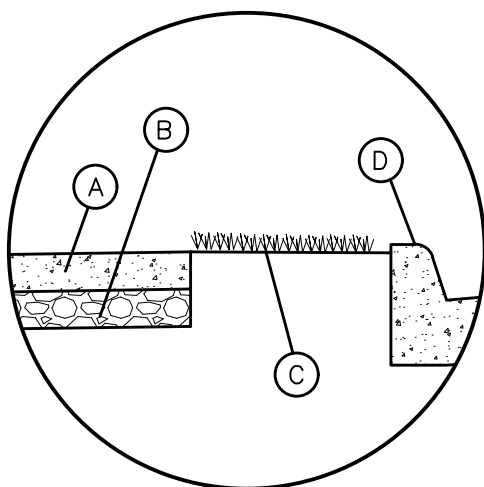


- A 4" CONCRETE SIDEWALK
- B 4" AGGREGATE BASE MATERIAL, TYPE 1, NO. 21B
- C 4" TOPSOIL AND SOD

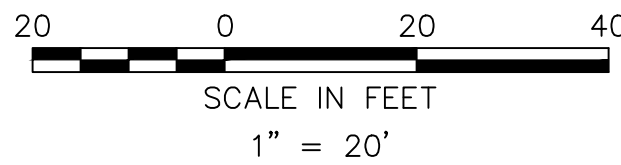


KEISTER
STATION 400+27 TO STATION 402+94

INSET D



- A 4" CONCRETE SIDEWALK
- B 4" AGGREGATE BASE MATERIAL, TYPE 1, NO. 21B
- C 4" TOPSOIL AND SOD
- D EXISTING CG-6



VHB Project No. 34721.06

NO.	DATE	REVISION

CITY OF HARRISONBURG
DEPARTMENT OF PUBLIC WORKS
HARRISONBURG, VIRGINIA
UPC 125450

TYPICAL SECTIONS
SAFE ROUTES TO SCHOOL



Vanasse Hangen Brustlin, Inc.
Two Columbus Center
4500 Main Street, Suite 400
Virginia Beach, Virginia 23462
Ph: 757.490.0132 Fax: 757.490.0136

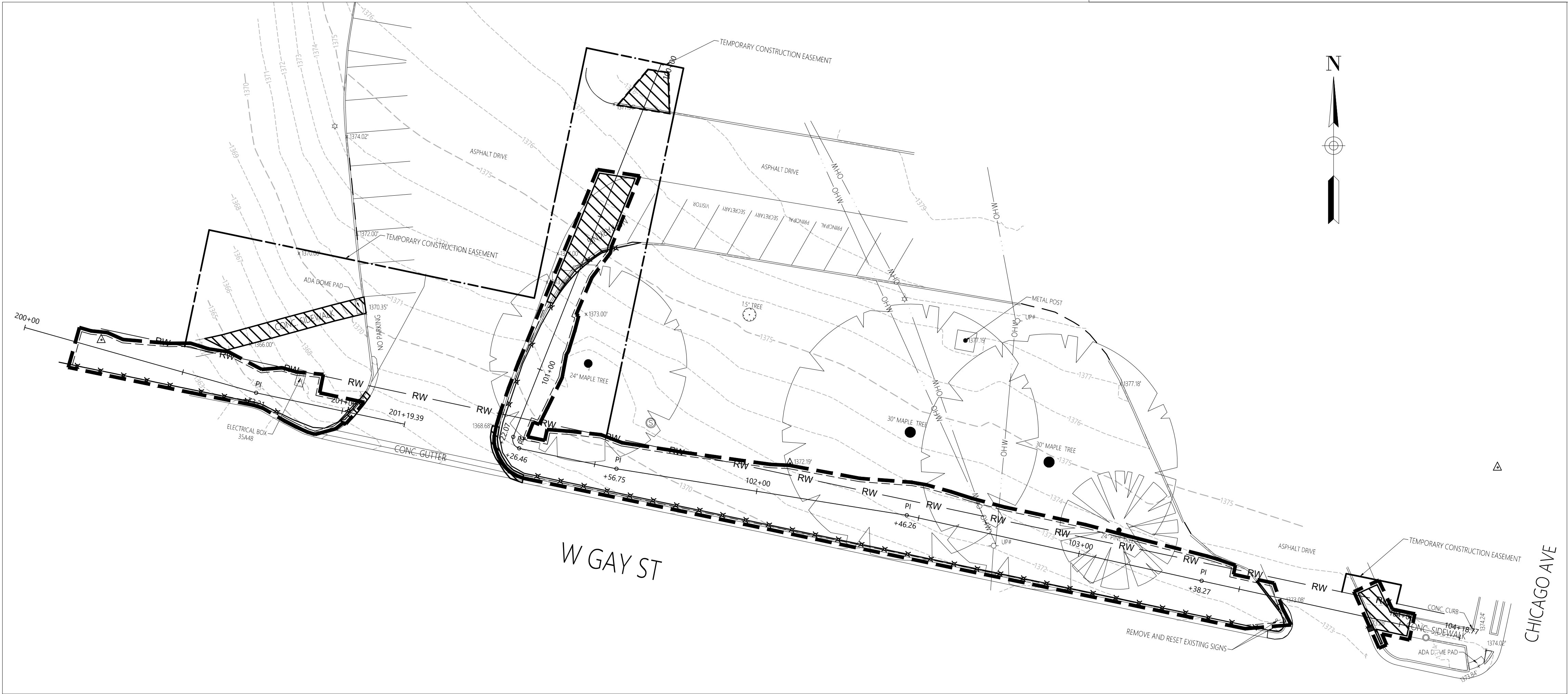
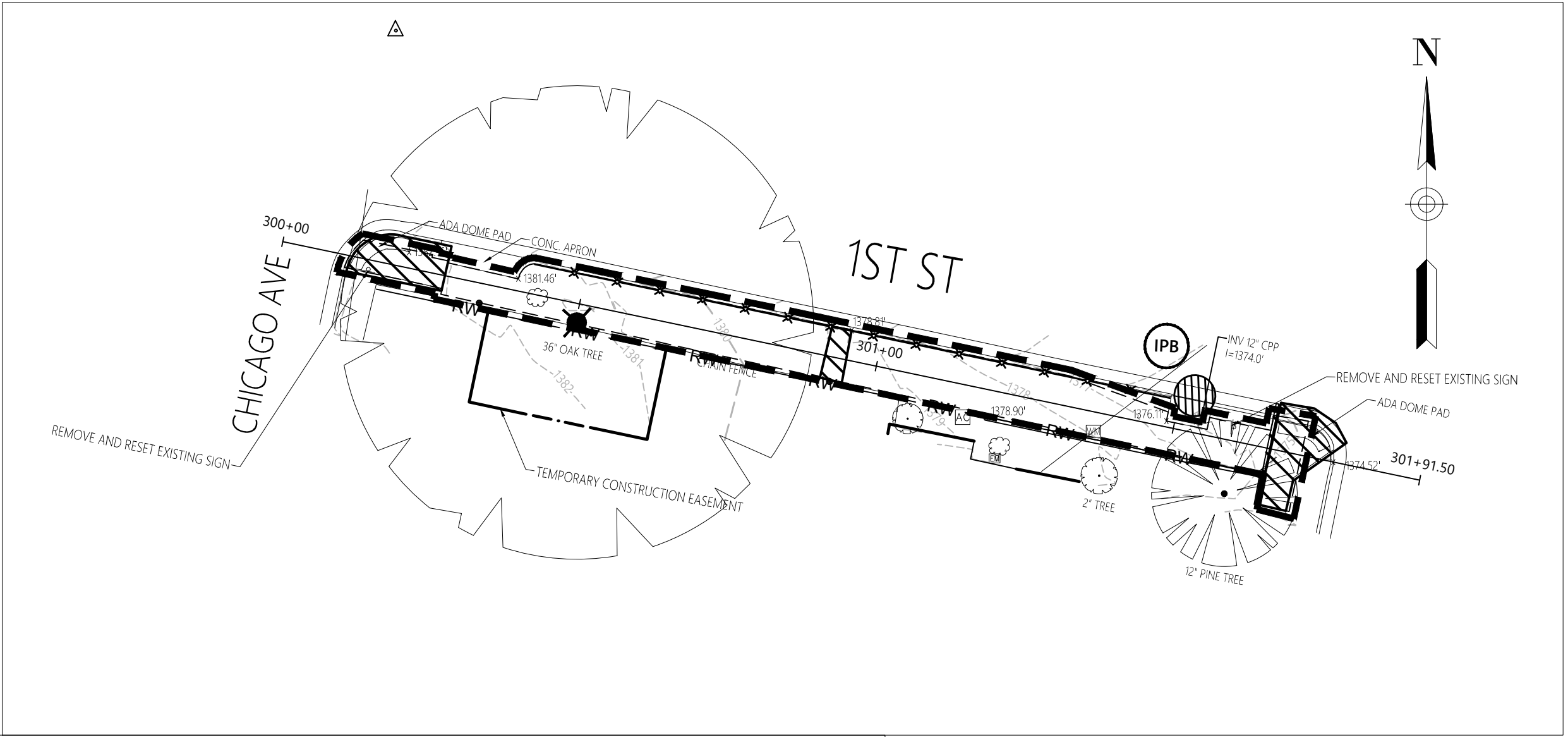
July 25, 2025

NOT FOR
CONSTRUCTION

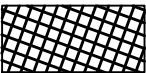
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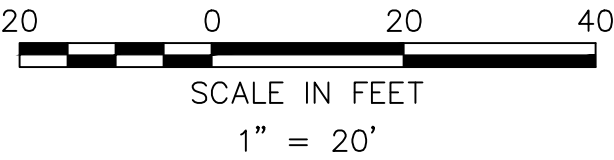
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Legend

— RW —	RIGHT OF WAY		REMOVE EXISTING ASPHALT/CONCRETE
— x x — (SF)	SILT FENCE	XXXX -	REMOVE EXISTING STRUCTURE
— x x — (TP)	TREE-PROTECTION	X	REMOVE EXISTING TREE
(TSB)	TEMPORARY SEDIMENT BASIN		REMOVE EXISTING HEDGEROW/LANDSCAPING/RIPRAP
- - - - -	TEMPORARY CONSTRUCTION EASEMENT	- - - - -	SAWCUT LINE
- - - - -		- - - - -	LIMIT OF DISTURBANCE



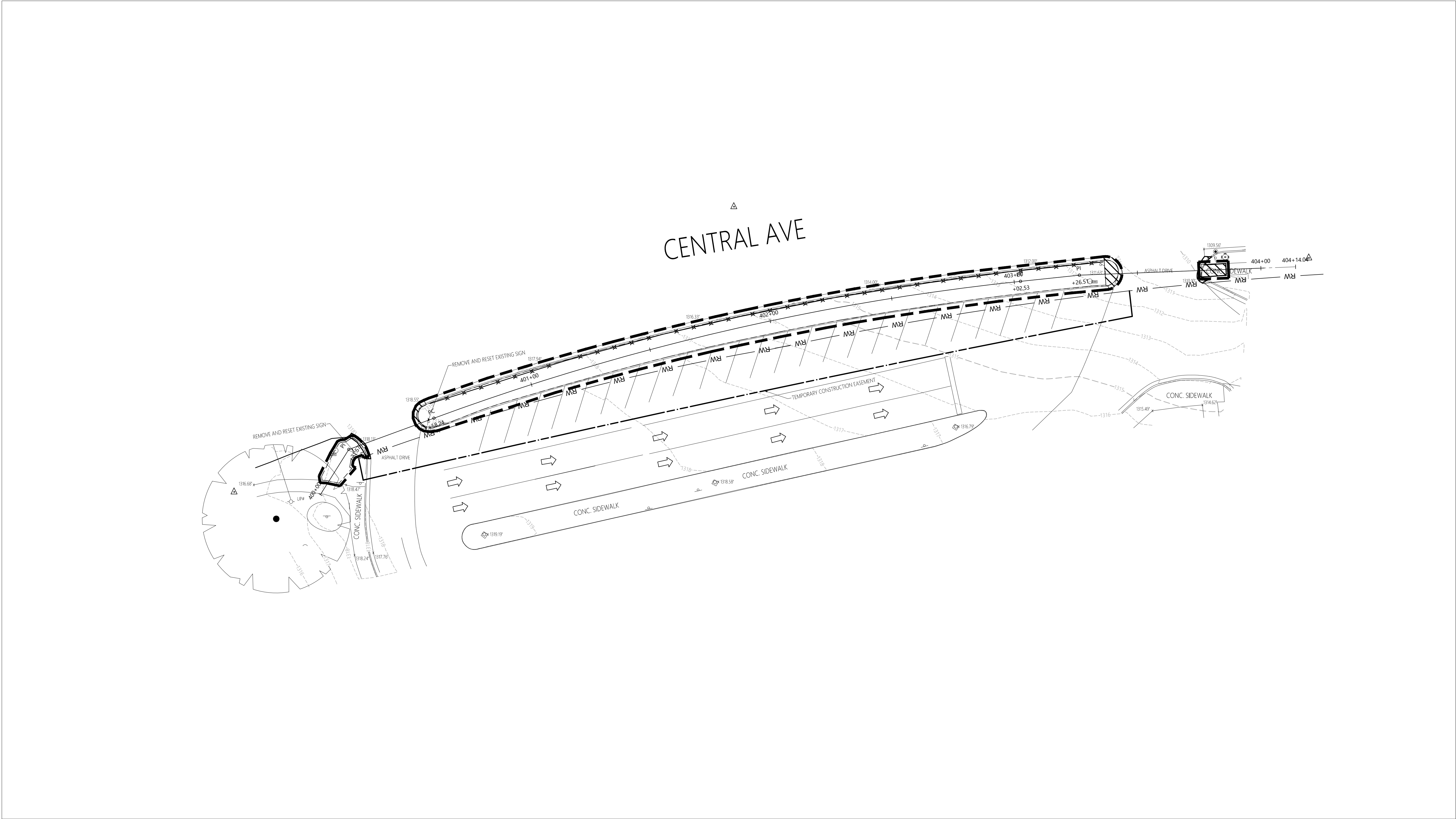
VHB Project No. 34721.06

NO.	DATE	REVISION

CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS	July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450	NOT FOR CONSTRUCTION
DEMOLITION, EROSION AND SEDIMENT CONTROL PLAN	
SAFE ROUTES TO SCHOOL	
 Vanasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136	SHEET NO. 2B

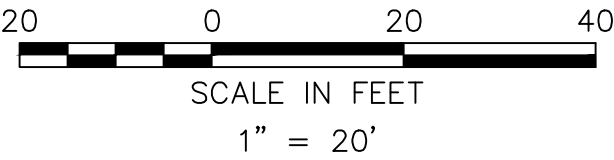
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Legend

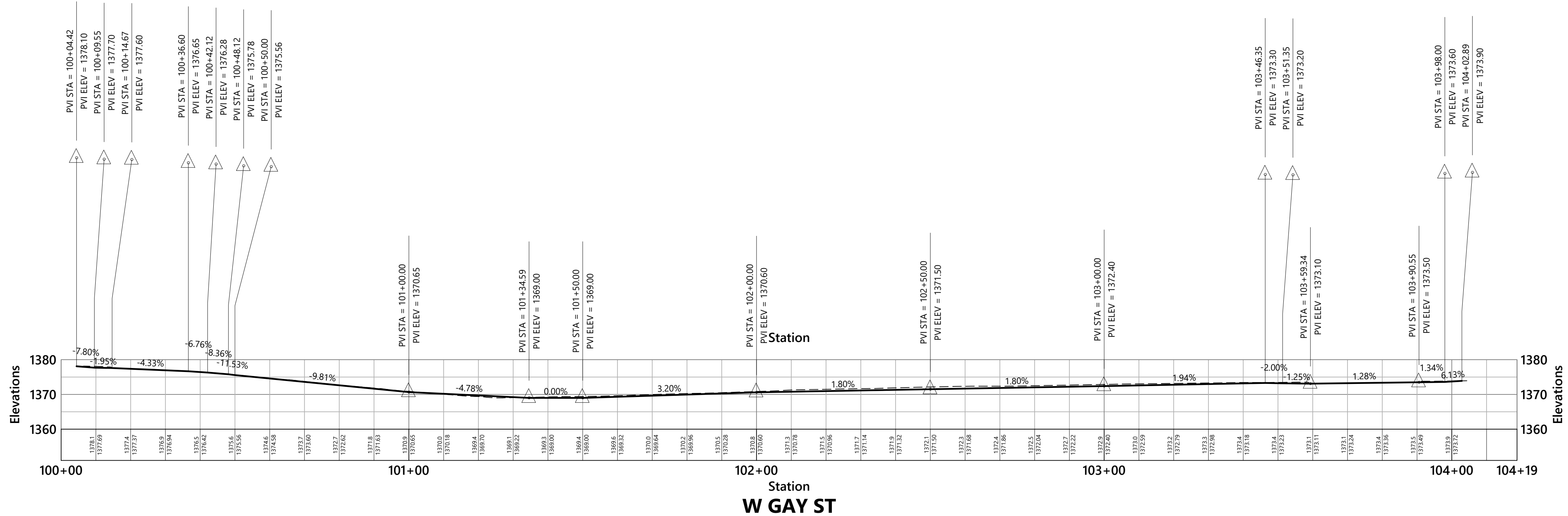
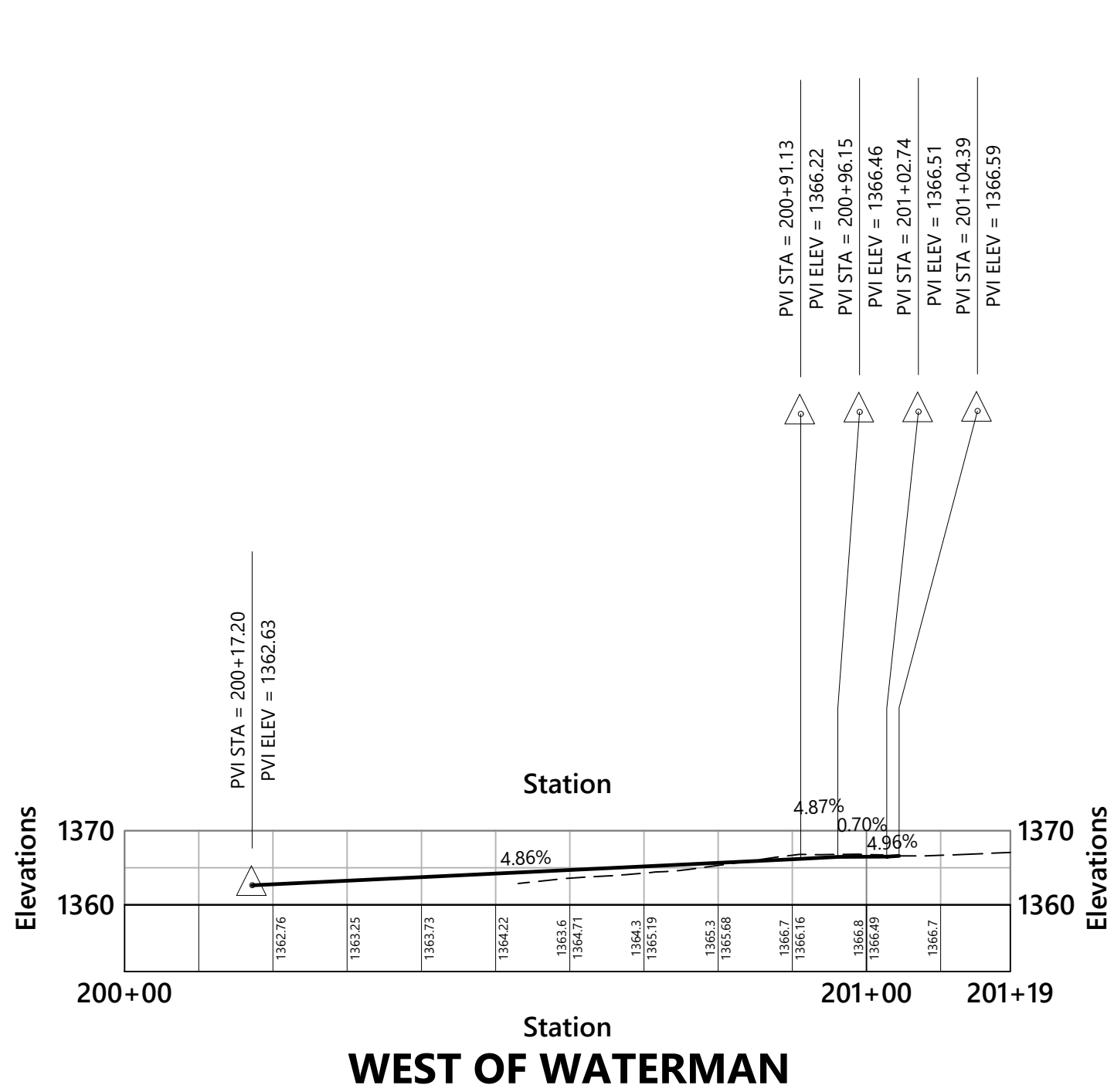
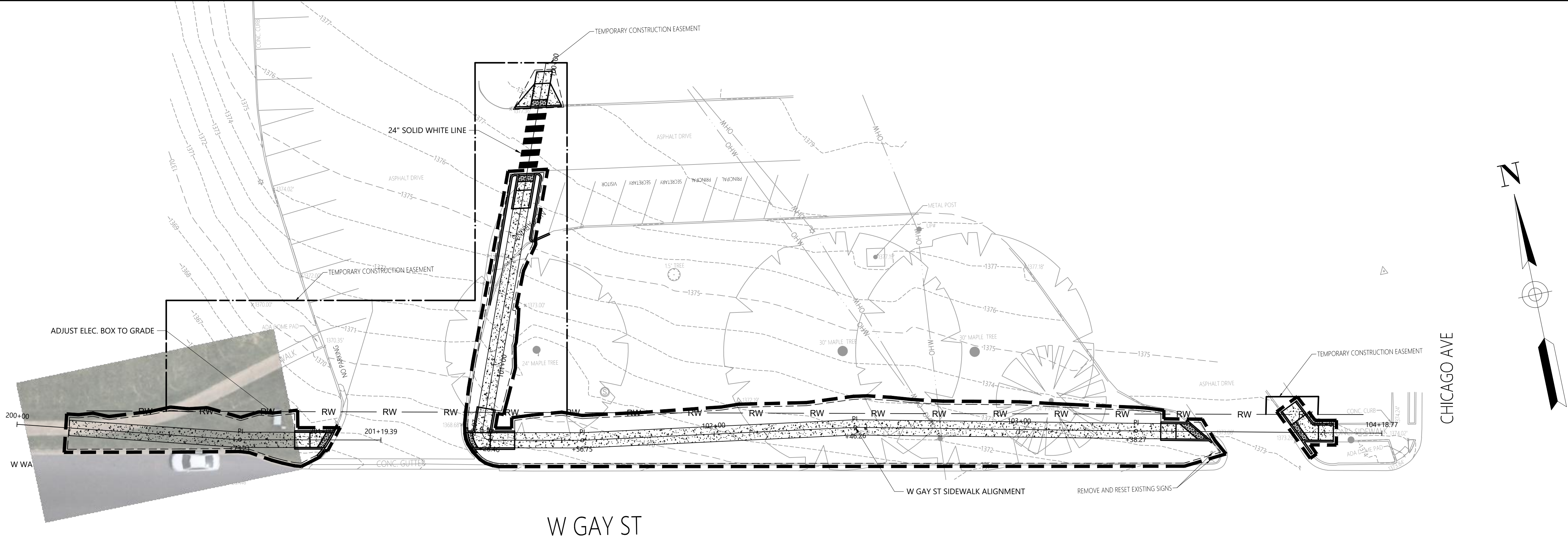
— RW —	RIGHT OF WAY		REMOVE EXISTING ASPHALT/CONCRETE
— x x — (SF)	SILT FENCE	XXXX -	REMOVE EXISTING STRUCTURE
— x x — (TP)	TREE-PROTECTION	X	REMOVE EXISTING TREE
(TSB)	TEMPORARY SEDIMENT BASIN		REMOVE EXISTING HEDGEROW/LANDSCAPING/RIPRAP
- - - - -	TEMPORARY CONSTRUCTION EASEMENT	- - - - -	SAWCUT LINE
		- - - - -	LIMIT OF DISTURBANCE



VHB Project No. 34721.06

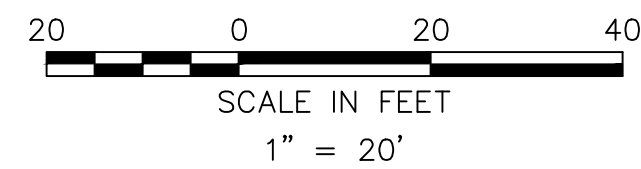
NO.	DATE	REVISION

CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS	July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450	NOT FOR CONSTRUCTION
DEMOLITION, EROSION AND SEDIMENT CONTROL PLAN	
SAFE ROUTES TO SCHOOL	
Vanasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136	SHEET NO. 2B(1)



Legend	
	LIMITS OF DISTURBANCE
	4" CONCRETE SIDEWALK
	LIMITS OF GRADING
	CG-12 DETECTABLE WARNING SURFACE

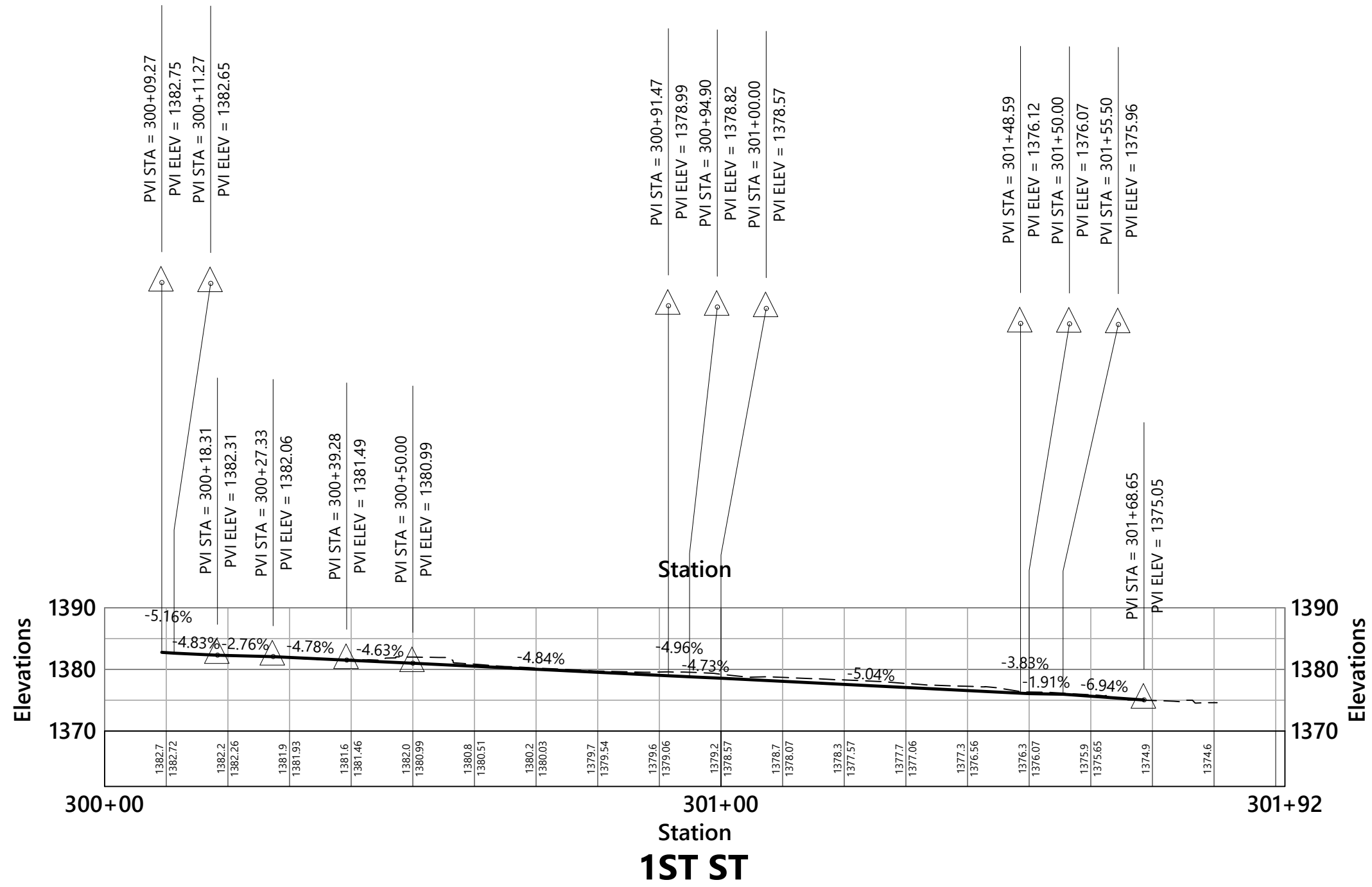
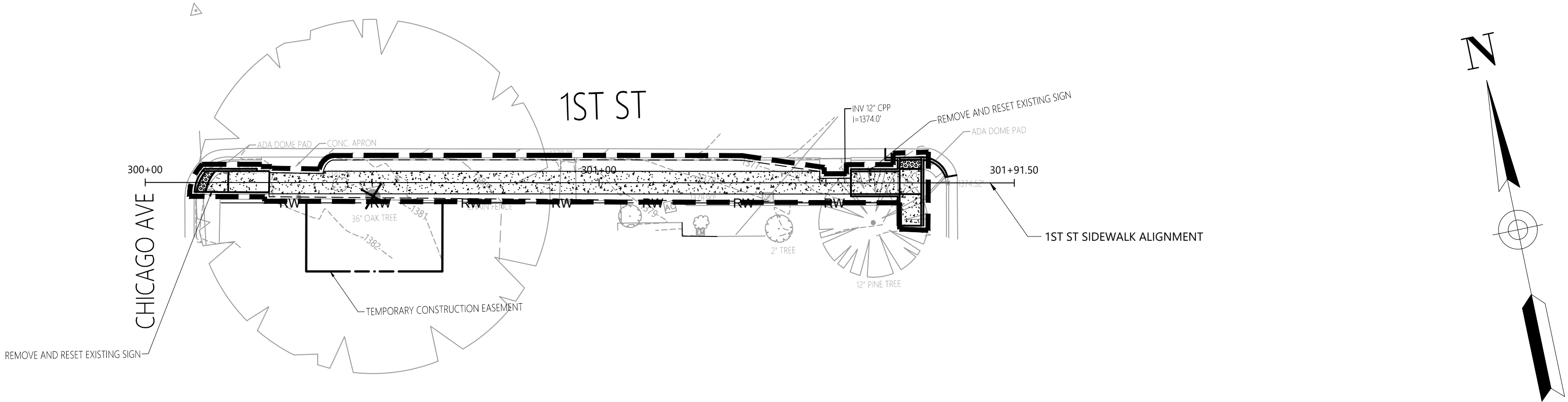
- | Notes | |
|-------|---|
| 1. | WORK SHALL BE COMPETED UNDER A MOBILE OPERATION. NO MATERIALS OR EQUIPMENT MAY BE STORED WITHIN THE RIGHT OF WAY. |



NO.	DATE	REVISION

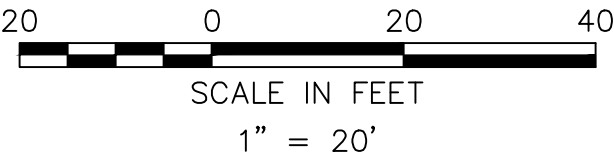
VHB Project No. 34721.06

CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS		July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450		NOT FOR CONSTRUCTION
PLAN SAFE ROUTES TO SCHOOL		
Vanasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136		SHEET NO. 3



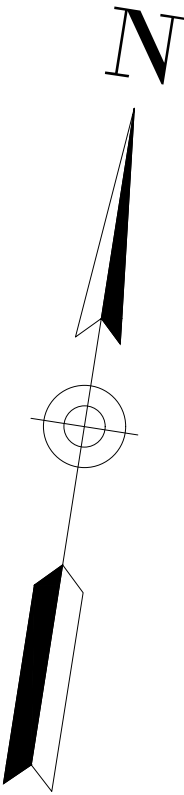
Legend	
	LIMITS OF DISTURBANCE
	4" CONCRETE SIDEWALK
	LIMITS OF GRADING
	CG-12 DETECTABLE WARNING SURFACE

- | Notes |
|--|
| 1. WORK SHALL BE COMPETED UNDER A MOBILE OPERATION. NO MATERIALS OR EQUIPMENT MAY BE STORED WITHIN THE RIGHT OF WAY. |



NO.	DATE	REVISION

CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS		July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450		NOT FOR CONSTRUCTION
PLAN SAFE ROUTES TO SCHOOL		
Vanasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136		SHEET NO. 4



CITY OF HARRISONBURG
DEPARTMENT OF PUBLIC WORKS

HARRISONBURG, VIRGINIA
UPC 125450

PLAN
SAFE ROUTES TO SCHOOL

 *Vanasse Hangen Brustlin, Inc.*
Two Columbus Center
4500 Main Street, Suite 400
Virginia Beach, Virginia 23462
Ph: 757.490.0132 Fax: 757.490.0136

NOT FOR
CONSTRUCTION

SHEET NO. 5

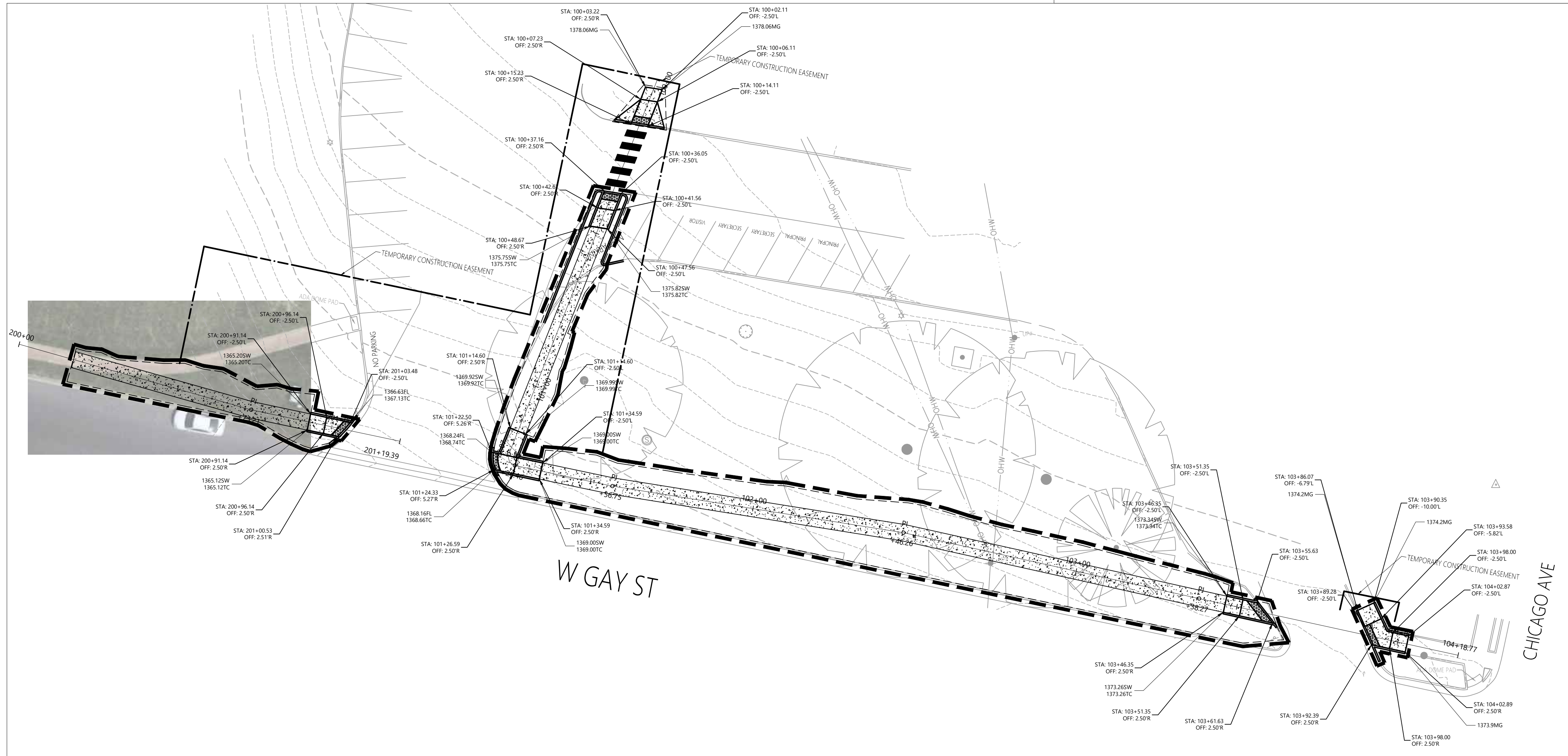
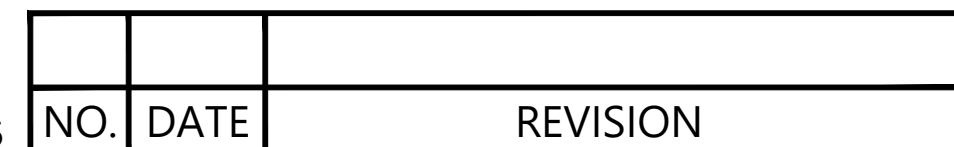


Diagram illustrating the layout of a proposed concrete slab, grading limits, disturbance limits, and a CG-12 detectable warning surface.

- PROPOSED CONCRETE
- LIMITS OF GRADING
- LIMITS OF DISTURBANCE
- CG-12 DETECTABLE WARNING SURFACE

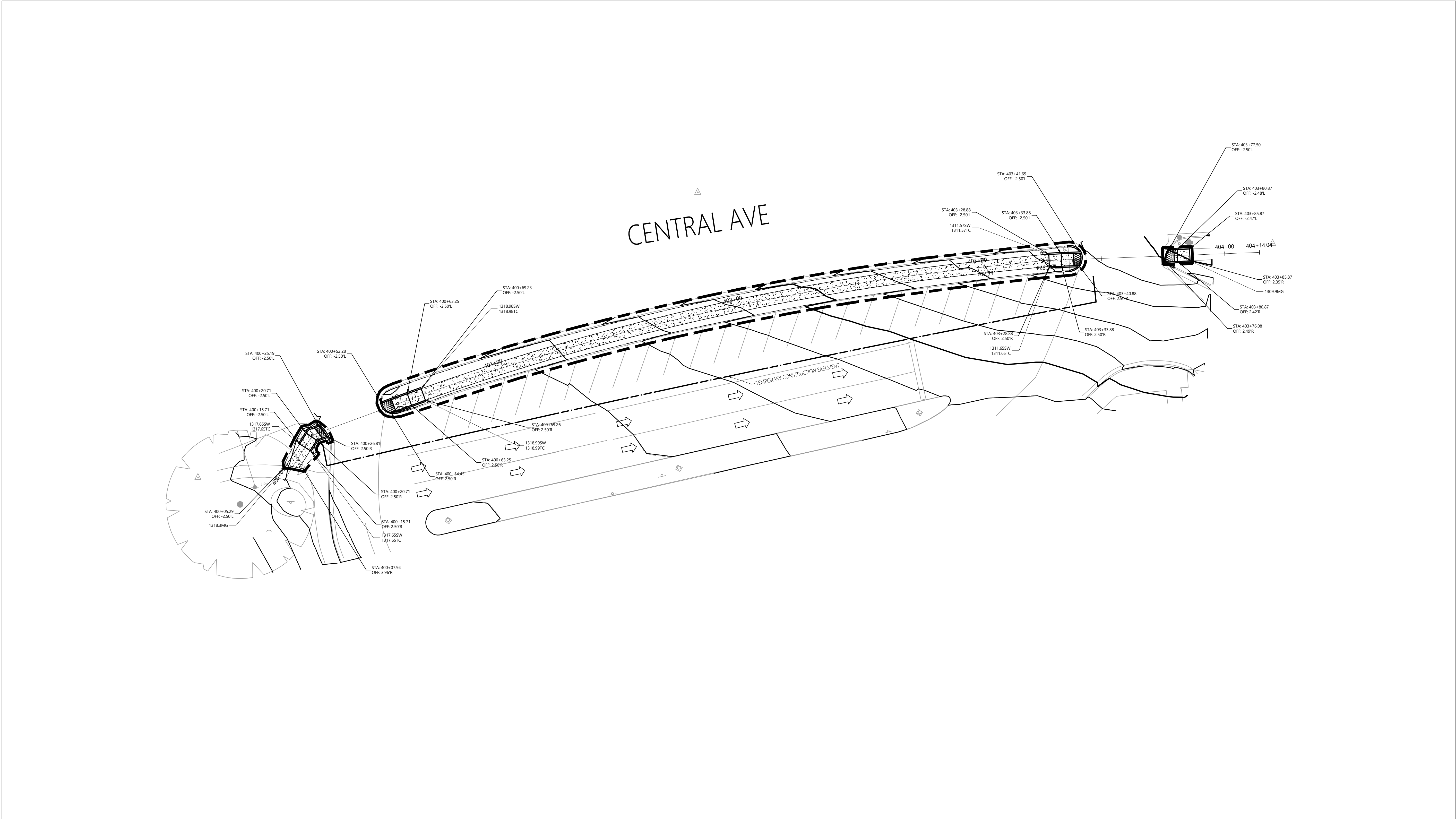


CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS		July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450		NOT FOR CONSTRUCTION
GRADING & GEOMETRIC PLAN SAFE ROUTES TO SCHOOL		
 Vanasse Hangen Brustlin, Inc. Two Columbus Center 4502 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136		SHEET NO. 6

Vanasse Hangen Brustlin, Inc.
Two Columbus Center
4500 Main Street, Suite 400
Virginia Beach, Virginia 23462
Ph: 757.490.0132 Fax: 757.490.0136

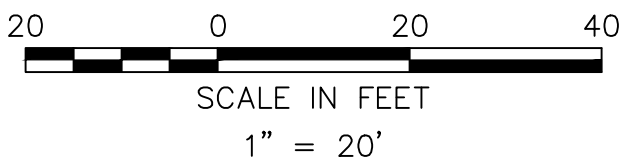
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Legend

- PROPOSED CONCRETE
- LIMITS OF GRADING
- LIMITS OF DISTURBANCE
- CG-12 DETECTABLE WARNING SURFACE



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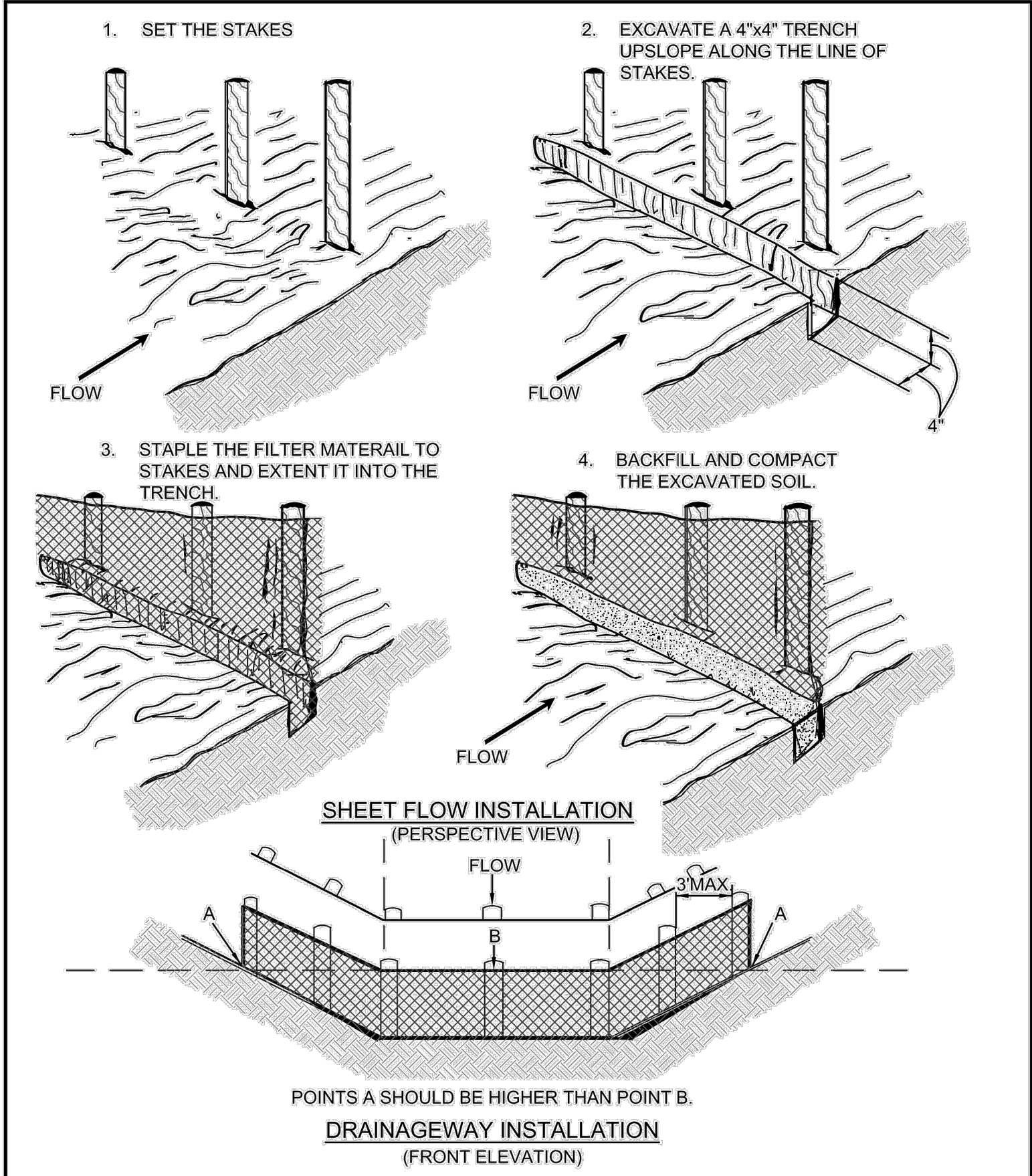
NO.	DATE	REVISION

CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS	July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450	NOT FOR CONSTRUCTION
GRADING & GEOMETRIC PLAN SAFE ROUTES TO SCHOOL	
Vanasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136	SHEET NO. 6(1)

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VDOT STANDARD DETAIL REFERENCE LIST

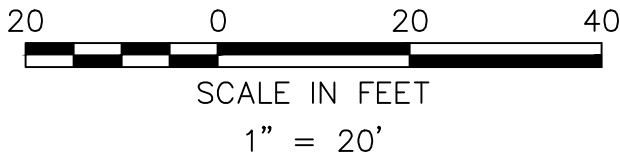
- 113.10
- 201.03
- 204.01
- 204.02
- 204.03
- 204.05
- 204.06
- 204.07
- INLET PROTECTION (TYPE B)
- COMBINATION 6" CURB AND GUTTER
- CG-12 DETECTABLE WARNING SURFACE (GENERAL NOTES)
- CG-12 DETECTABLE WARNING SURFACE TYPE A (PERPENDICULAR) APPLICATION
- CG-12 DETECTABLE WARNING SURFACE TYPE B (PARALLEL) APPLICATION
- CG-12 DETECTABLE WARNING SURFACE MEDIAN AND REFUGE ISLAND APPLICATIONS
- CG-12 DETECTABLE WARNING SURFACE DETECTABLE WARNING INSTALLATION
- CG-12 DETECTABLE WARNING SURFACE METHOD OF INSTALLING DETECTABLE WARNING ON A RADIUS



CONSTRUCTION OF SILT FENCE
WITHOUT WIRE SUPPORT

SOURCE: ADAPTED FROM STRAW &
FAB. BARRIERS, SHERWOOD & WYANT
v1.1

C-PCM-04-2B

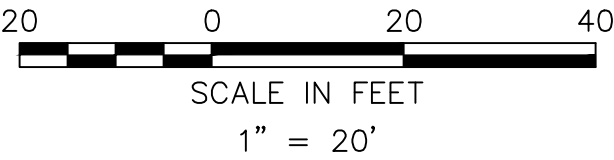
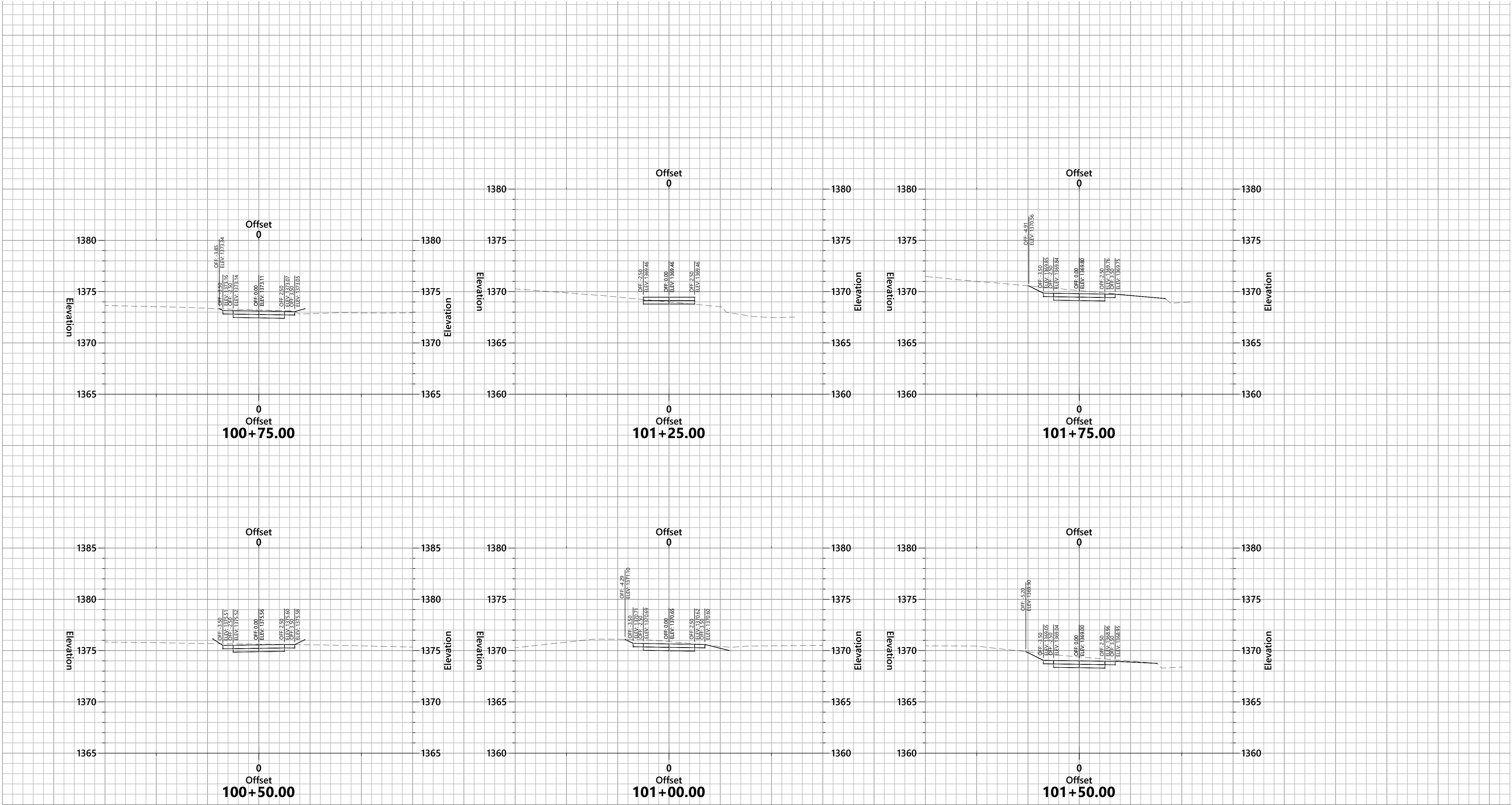


NO.	DATE	REVISION

CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS	July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450	NOT FOR CONSTRUCTION
DETAILS SAFE ROUTES TO SCHOOL	
 Vannasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136	SHEET NO. 7

Saved Thursday, July 24, 2025 10:51:41 AM LIMENEZ Plotted Friday, July 25, 2025 11:49:11 AM Lorenz Jimenez

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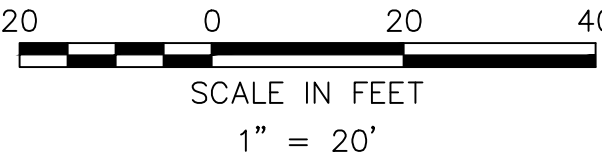
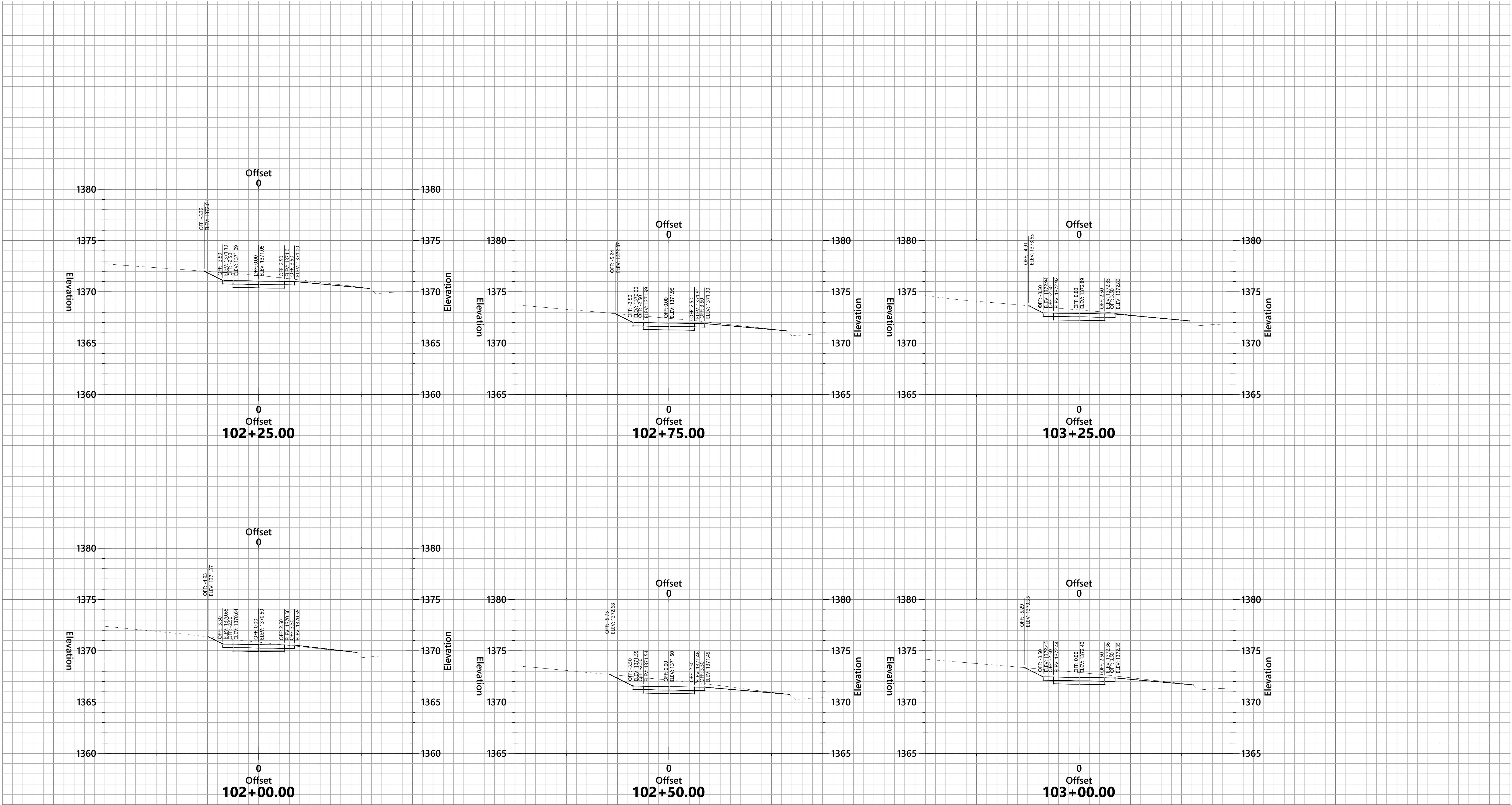
VHB Project No. 34721.06

NO.	DATE	REVISION

CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS	July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450	
CROSS SECTIONS SAFE ROUTES TO SCHOOL	NOT FOR CONSTRUCTION
 Vanasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136	SHEET NO. XS(1)

Saved Thursday, July 24, 2025 10:51:41 AM LJIMENEZ Plotted Friday, July 25, 2025 11:49:16 AM Lorenz Jimenez

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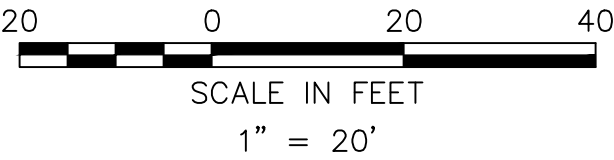
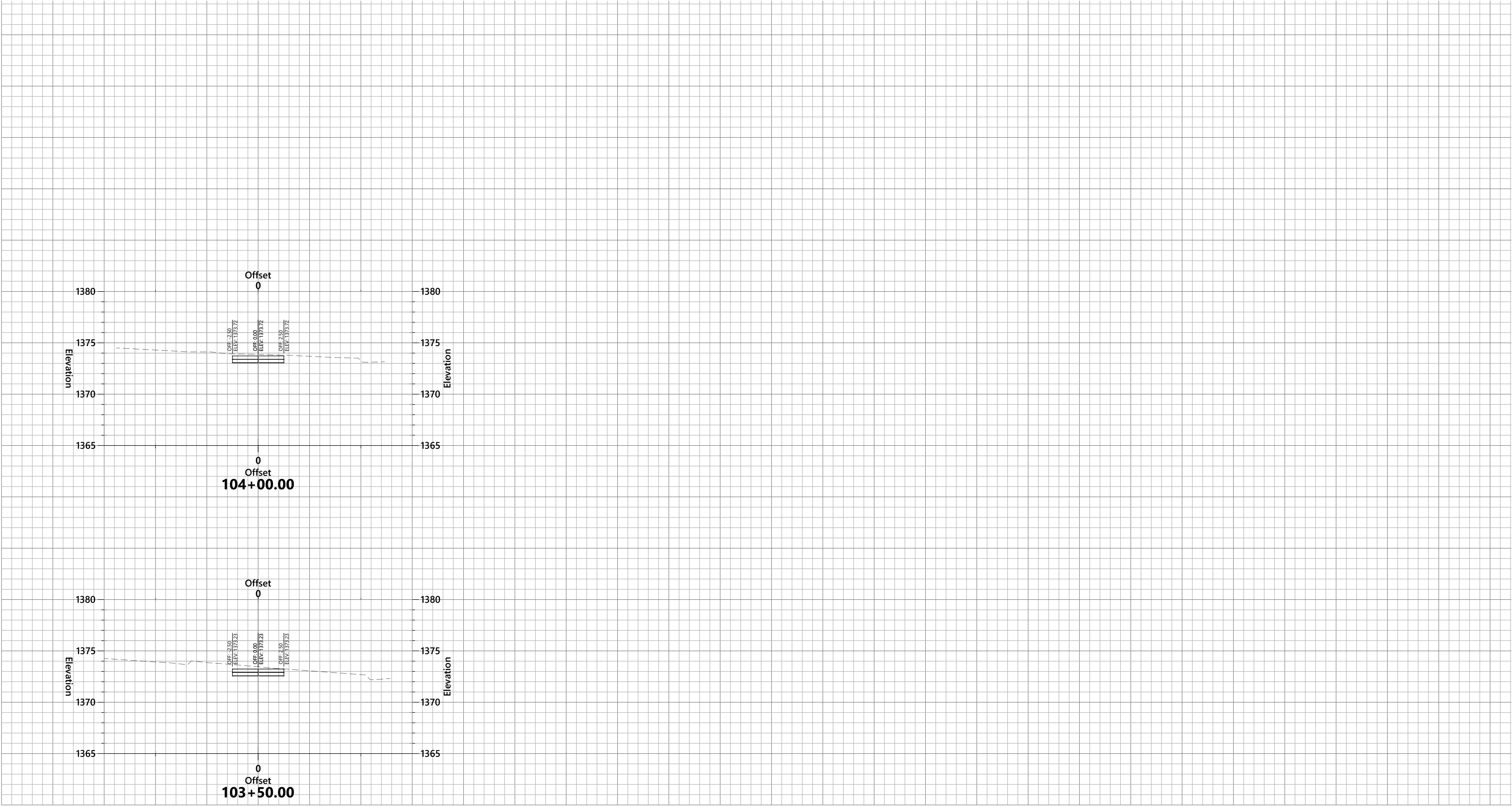
VHB Project No. 34721.06

NO.	DATE	REVISION

CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS	July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450	
CROSS SECTIONS SAFE ROUTES TO SCHOOL	NOT FOR CONSTRUCTION
 Vanasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136	SHEET NO. XS(2)

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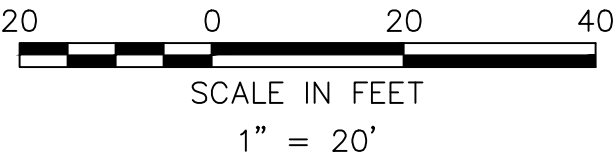
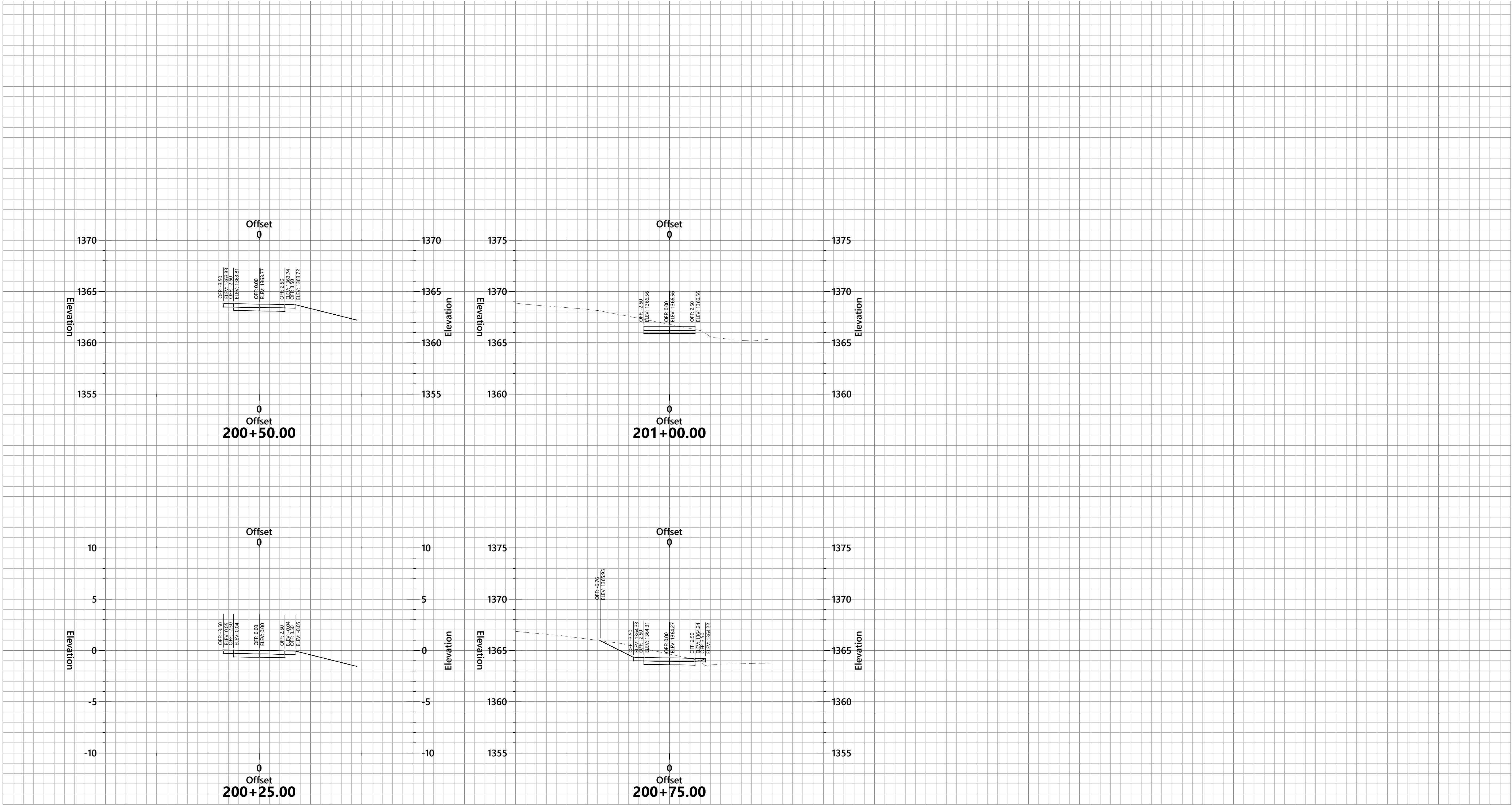
VHB Project No. 34721.06

NO.	DATE	REVISION

CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS	July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450	NOT FOR CONSTRUCTION
CROSS SECTIONS SAFE ROUTES TO SCHOOL	
 Vannasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136	SHEET NO. XS(3)

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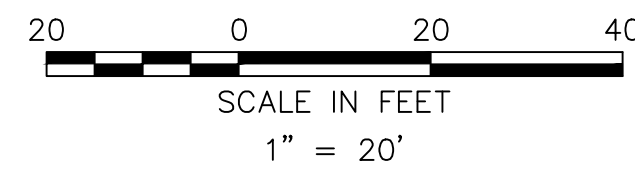
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VHB Project No. 34721.06

NO.	DATE	REVISION

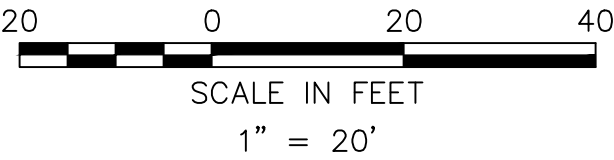
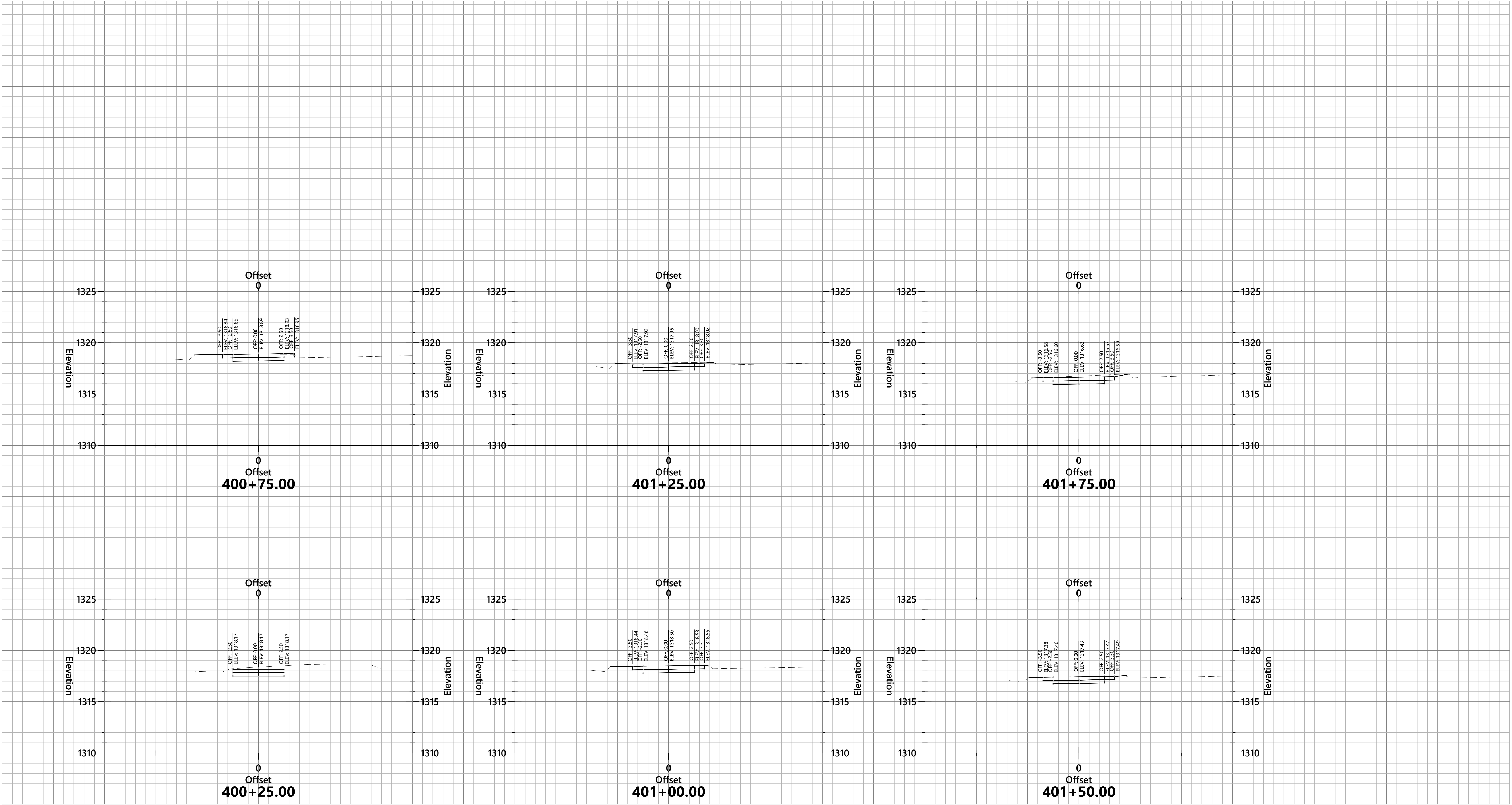
CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS	July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450	NOT FOR CONSTRUCTION
CROSS SECTIONS SAFE ROUTES TO SCHOOL	
 Vanasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136	SHEET NO. XS(4)



CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS		July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450		NOT FOR CONSTRUCTION
CROSS SECTIONS SAFE ROUTES TO SCHOOL		
 Vanasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136		
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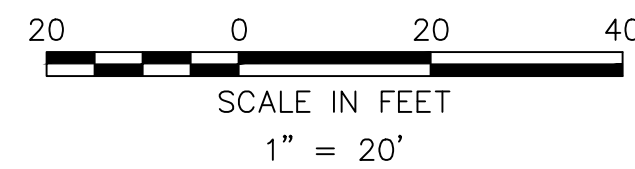
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VHB Project No. 34721.06

NO.	DATE	REVISION

CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS		July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450		NOT FOR CONSTRUCTION
CROSS SECTIONS SAFE ROUTES TO SCHOOL		
 Vanasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136		SHEET NO. XS(6)



CITY OF HARRISONBURG DEPARTMENT OF PUBLIC WORKS		July 25, 2025
HARRISONBURG, VIRGINIA UPC 125450		NOT FOR CONSTRUCTION
CROSS SECTIONS SAFE ROUTES TO SCHOOL		
 Vanasse Hangen Brustlin, Inc. Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 Ph: 757.490.0132 Fax: 757.490.0136		SHEET NO. XS(7)