GENERALIZED DEVELOPMENT PLAN

DAHLGREN WEST

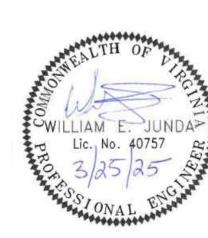
TAX MAP: #17-24
TAX MAP: #17-27
TAX MAP: #17-27A
TAX MAP: #17-72

DAHLGREN MAGISTERIAL DISTRICT& SHILOH MAGISTERIAL DISTRICT KING GEORGE COUNTY, VIRGINIA

PREPARED: AUGUST 2024 REVISED: DECEMBER 11, 2024 REVISED: JANUARY 31, 2025 REVISED: FEBRUARY 10, 2025 REVISED: MARCH 26, 2025

VICINITY MAP 1"= 2,000' UPPER MICHODOC CREEK CLEYDAEL SUBDIVISION SITE AREA AREA PEPERMI, RO MANOR AREA

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PROPERTY OWNERS

17-24 ET DEVELOPERS, LLC 23057 CHAMBOURCIN PL

17-27 CLEYDAEL LIMITED PARTNERSHIP 8267 LIGHTHOUSE LN

17-27A VEAZEY JOY G TRUSTEE 8267 LIGHTHOUSE LN

17-72 CLEYDAEL LIMITED PARTNERSHIP 8267 LIGHTHOUSE LN

APPLICANT

DAHLGREN INNOVATION HUB, LLC 4500 DALY DRIVE, SUITE 300 CHANTILLY, VA 20151

CIVIL ENGINEER/LAND PLANNING

GORDON 4501 DALY DRIVE, SUITE 200 CHANTILLY, VA 20151 (703) 263-1900

TRANSPORTATION

GOROVE SLADE 4951 LAKE BROOK DRIVE, SUITE 250 GLEN ALLEN, VA 23060 (804) 362-0578

LAND USE COUNSEL

GREENHURLOCKER, PLC 4908 MONUMENT AVE, SUITE 200 RICHMOND, VA 23230 (804) 672-4546

GENERAL NOTES

- ALL CONSTRUCTION SHALL CONFORM TO KING GEORGE COUNTY CODE OF ORDINANCES AND VIRGINIA
- DEPARTMENT OF TRANSPORTATION REQUIREMENTS.
- THE PROPERTY DELINEATED ON THIS PLAN IS LOCATED ON TAX MAP NO. 17. CURRENT ZONING IS A-2 FOR PARCEL 17-24, A-2/C-2 FOR PARCEL 17-27, I FOR PARCEL 17-27A, AND R-1/C-2/I FOR 17-72.
- EXISTING USE: VACANT BOUNDARY AND TOPOGRAPHIC INFORMATION IS FROM THE ALTA SURVEYS PERFORMED BY TIMMONS GROUP DATED DECEMBER 3, 2024. IT IS THE OWNER'S RESPONSIBILITY TO NOTIFY GORDON OF ANY TOPOGRAPHIC CHANGES FROM THAT DATE THAT MAY IMPACT THE PROPOSED DESIGN. HORIZONTAL DATUM IS REFERENCED TO VIRGINIA STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983 (NAD
- CONTOUR INTERVAL = 2 FEET. VERTICAL DATUM IS REFERENCED TO MEAN SEA LEVEL OF NATIONAL GEODETIC VERTICAL DATUM ON 1988 (NAVD 88).
- CONTRACTOR SHALL EXAMINE ALL ADJOINING WORK OR AREAS UPON WHICH THE PERFORMANCE OF THIS WORK IS IN ANY WAY DEPENDENT.
- IF REQUIRED, ALL UTILITIES, INCLUDING POLES ARE TO BE RELOCATED PRIOR TO CONSTRUCTION AT THE DEVELOPER'S EXPENSE.
- ADDITIONAL DITCH LININGS OR SILTATION AND EROSION CONTROL MEASURES SHALL BE PROVIDED, AT THE DEVELOPER'S EXPENSE, AS DETERMINED NECESSARY BY VDOT AND/OR KING GEORGE COUNTY DURING FIELD REVIEW AND SITE INSPECTIONS. ALL COSTS SHALL BE ASSUMED BY THE DEVELOPER.
- 10. ALL PROPOSED DISTRIBUTION UTILITIES MUST BE LOCATED UNDERGROUND.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK AND FOR ANY DAMAGES WHICH OCCUR BY HIS FAILURE TO LOCATE OR PRESERVE THESE UNDERGROUND UTILITIES. IF DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHOULD ENCOUNTER UTILITIES OTHER THAN THOSE SHOWN ON THE PLAN, HE SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY AND THE ENGINEER AND TAKE NECESSARY AND PROPER STEPS TO PROTECT THE FACILITY AND ASSURE THE CONTINUANCE OF SERVICE. ANY REDESIGN OF PROPOSED UTILITIES DUE TO CONFLICTS WITH EXISTING UTILITIES SHALL BE AT THE OWNERS EXPENSE. SUFFICIENT TIME MUST BE ALLOWED FOR REDESIGN AND COUNTY APPROVAL.
- 12. THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING TRUCKS AND/OR OTHER EQUIPMENT OF MUD PRIOR TO ENTERING THE VDOT RIGHT-OF-WAY, AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN STREETS AND MUD AND/OR ALLAY DUST AND TO TAKE WHATEVER MEASURES NECESSARY TO ENSURE THAT THE STREETS ARE KEPT IN A CLEAN AND DUST-FREE CONDITION AT ALL TIMES.
- 13. ALL LAND, ON-SITE OR OFF-SITE, WHICH IS DISTURBED BY THIS DEVELOPMENT, AND WHICH IS NOT BUILT UPON OR SURFACED, SHALL BE ADEQUATELY STABILIZED WITH PERMANENT SEEDING TO CONTROL EROSION
- 14. A SEPARATE BUILDING PERMIT WILL BE REQUIRED FOR ALL RETAINING WALLS 3 FEET HIGH AND OVER.
- 15. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY FIELD CONDITIONS PRIOR TO CONSTRUCTION AND TO NOTIFY THE DEVELOPER AND GORDON (703/263-1900) IMMEDIATELY IF NOT IN
- CONFORMANCE WITH THE APPROVED PLAN. CONTRACTOR SHALL REVIEW ALL PLANS AND SPECIFICATIONS PRIOR TO COMMENCEMENT OF WORK AND
- FIELD VERIFY ALL GOVERNING CONSTRUCTION DIMENSIONS. 17. TO THE BEST OF OUR BELIEF, THERE ARE NO GRAVES, OBJECTS, OR STRUCTURE MARKING A PLACE OF
- BURIAL ON THIS SITE. 18. ALL EASEMENTS SHOWN ON THE PLAN VIEW SHEETS ARE PROPOSED EASEMENTS UNLESS OTHERWISE
- 19. ALL PROPOSED GRADES AS SHOWN HEREIN ARE FINISHED GRADE UNLESS NOTED ON THE PLAN.
- 20. ALL DIMENSIONS CRITICAL TO THE PERFORMANCE OF THE WORK OR FABRICATION OF MATERIALS SHALL BE FIELD VERIFIED BY THE CONTRACTOR. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM THE
- 21. ALL ON-SITE AND OUTDOOR LIGHTING LEVELS SHALL MEET OR BE LESS THAN THE PERMITTED UNDER THE OUTDOOR LIGHTING STANDARDS AS SPECIFIED IN ARTICLE VIII DIVISION 2 OF THE ZONING ORDINANCE.
- 22. ALL ACCESSIBLE SPACES, AISLES, ROUTES, AND RAMPS SHALL COMPLY WITH THE ADA REQUIREMENTS FOR DIMENSIONS AND SLOPES.
- 23. ADDITIONAL SUBSTATION AND UTILITY FACILITIES MAY BE CONSTRUCTED TO MEET THE NEEDS OF THE
- 24. UTILITY INFORMATION SHOWN MAY BE SUBJECT TO CHANGE BASED ON FINAL ENGINEERING AND WILL BE DEPICTED AT TIME OF SITE PLAN(S).
- 25. ALL OTHER INFORMATION NOT PROVIDED BY THE ALTA SURVEY WAS FOUND USING KING GEORGE COUNTY'S ONLINE GEOGRAPHIC INFORMATION SYSTEM (GIS) DATA.
- 26. WETLANDS DEPICTED ON THIS PLAN PER DÈLINÉATION PREPARED BY TNT ENVIRONMENTAL DATED
- 27. RESOURCE PROTECTION AREA (RPA) SHOWN PER DELINEATION PERFORMED BY TNT ENVIRONMENTAL DATED 1/15/2025.

GENERAL SAFETY REQUIREMENTS

CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE PERFORMANCE ITS WORK AND THE WORK OF ITS SUBCONTRACTORS. GORDON SHALL NOT HAVE CONTROL OVER, CHARGE OF, OR RESPONSIBILITY FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.

VDOT ENTRANCE NOTE

THE ENTRANCES ON RT. 301 WILL BE SHOWN ON SITE PLAN(S) AND WILL BE DESIGNED TO VDOT AND KING GEORGE COUNTY STANDARDS.

INTERNAL ROADWAYS NOTE

ALL INTERNAL ROADWAYS ARE PROPOSED AS PRIVATE STREETS AND WILL BE MAINTAINED BY THE OWNER.

SOLID WASTE STATEMENT

LARGE OUTSIDE COMMERCIAL CONTAINERS SHALL BE LOCATED WITHIN THE DEVELOPMENT FOR SOLID WASTE STORAGE. THE LOCATION OF CONTAINERS WILL BE SHOWN ON THE FINAL SITE PLAN(S) FOR EACH BUILDING(S). COLLECTION WILL BE PROVIDED VIA A PRIVATE REFUSE COLLECTION COMPANY. ALL REFUSE MUST BE DISPOSED OF AT COUNTY APPROVED DISPOSAL SITES.

SITE DATA:	1				
TAX MAP:	17-24	17-27	17-27A	17-72	
TOTAL AREA:	215.6 AC	13.6 AC	5.9 AC	262.2 AC	
TOTAL AREA (COMBINED):	497.2 AC				
APPROX ROW DEDICATION:	3.1 AC				
PORTION OF PROPERTY EXCLUDED		12.0 AC			
FROM APPLICATION:					
NET LAND AREA:		484.9 AC			
LAND DISTURBANCE:	±258 AC				
EXISTING ZONE:	A-2	A-2/C-2	<u> </u>	R-1/C-2/I	
PROPOSED ZONE:		I (INDUS	STRIAL)		
OVERLAY DISTRICT(S):	HIGHWAY CORRIDOR OVERLAY DISTRICT (HCOD), CHESAPEAKE BAY PRESERVATION AREA OVERLAY DISTRICT (CBPA), & THE FLOODPLAIN MANAGEMENT OVERLAY DISTRICT (FMOD)				
EXISTING USE:	UNDEVELOPED				
PROPOSED USE:	AUX	AUX BLDG, LINEAR PARK TRAIL			
SPECIAL EXCEPTION USE:	DATA CENTER, UTILITY SUBSTATION				
SETBACKS:	REQU	IRED:	PROPOSED:		
FRONT:	5	0	50		
SIDE:	2	0	20		
REAR:	2	0	20		
MINIMUM LOT AREA:	10	AC	10 AC MIN.		
MINIMUM SITE AREA FOR A USE:	80,00	00 SF	80,000 SF MIN.		
MINIMUM LOT WIDTH:	150	FT	150 FT MIN.		
OPEN SPACE:	REQU	IRED:	PROP	OSED:	
OPEN SPACE REQUIREMENT:	N/	/A	±200 AC		
	REQU	IRED:	PROPOSED:		
GROSS FLOOR AREA:			±7,865,397 SF		
FLOOR AREA RATIO:		MAX	0.36*		
MAXIMUM STRUCTURE HEIGHT:	5	0'	65' - 85' **		
BUILDING FLOOR COUNT:	N/	/A	2		
HYDRAULIC UNIT CODE:	020700110601				
WATERSHED:	POTOMAC RIVER - UPPER MACHODOC CREEK				
WATER:	PUBLIC				
SEWER:	PUBLIC				
ESTIMATED VPD:	TBD				
HISTORIC FEATURES:	TBD				
KNOWN PLACES OF BURIAL:	TBD				
WETLANDS ON SITE:	YES				
RPA ON SITE:	YES				
FLOODPLAIN ON SITE:	YES				
SOLID WASTE STORAGE:	YES				

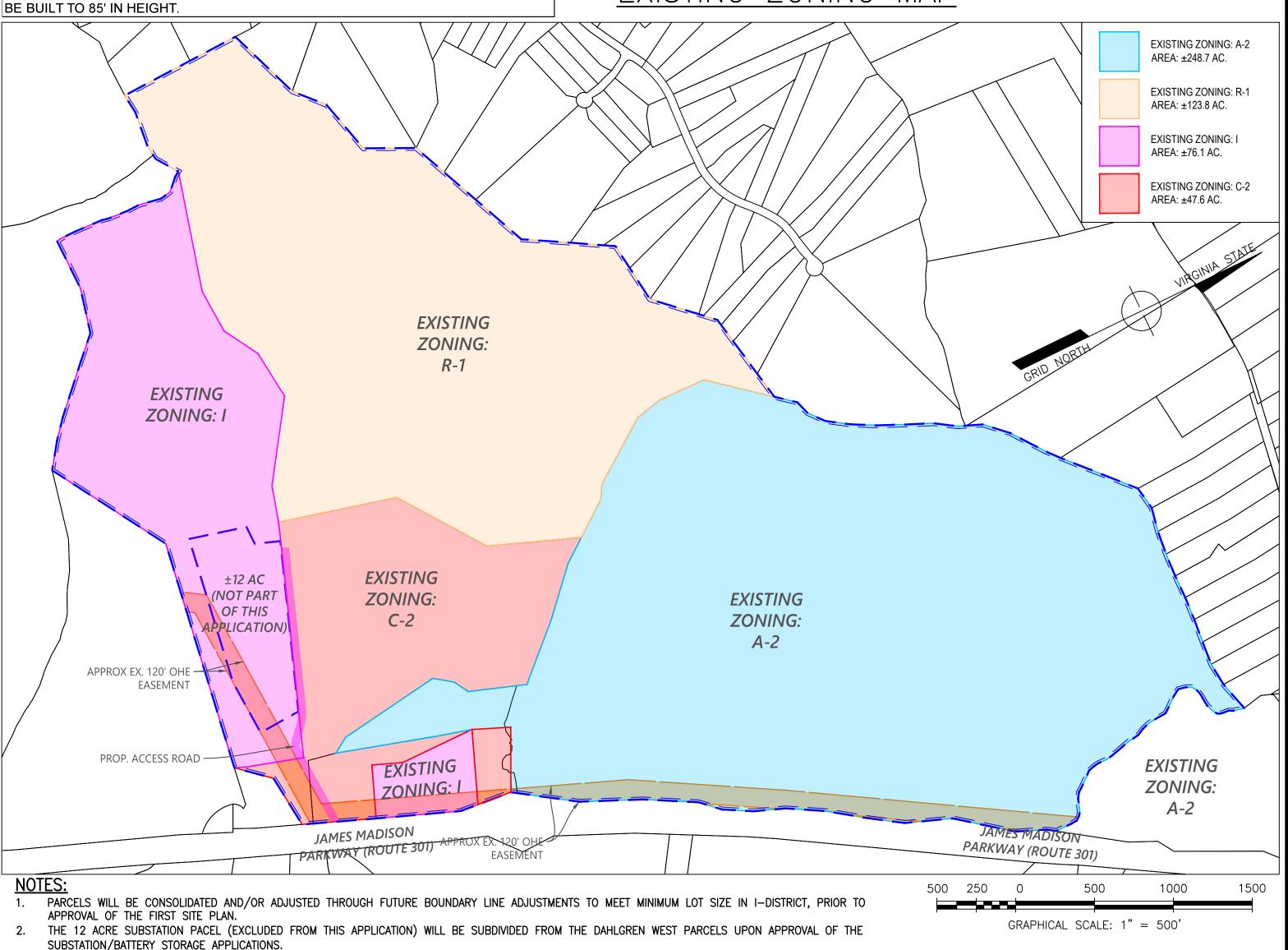
BOUNDARY LINE ADJUSTMENT FOR ADJACENT HARWOOD POWER SUBSTATION (NOT PART OF THIS APPLICATION)

**NOTE: BUILDING HEIGHT LIMITED TO 65' WHERE BUILDINGS ARE WITHIN 250' OF THE EXTERNAL PROPERTY LINE AND/OR RT. 301 ROW. ALL OTHER BUILDINGS CAN

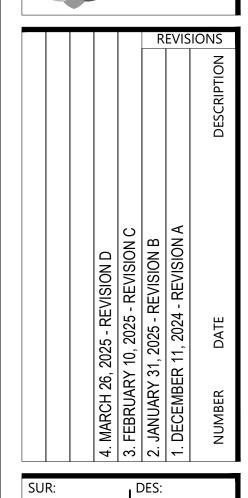
LOCATION:	REQUIRED:	PROPOSED:
RT. 301 HCOD	50' TYPE C (TRANSITIONAL)	100' TYPE C
SOUTH (RESIDENTIAL)	50' TYPE C	100' TYPE C
SOUTH (SUBSTATION)	N/A	N/A
WEST (RESIDENTIAL)	50' TYPE C	100' TYPE C
NORTH (RESIDENTIAL)	50' TYPE C	100' TYPE C
NOTE: REQUIRED BUFFERS TO BE PRO	VIDED PER TABLE VIII-3 PLA	NTING REQUIREMENTS
OR TREE CONSERVATION OF EXISTING '	VEGITATION THAT MEETS RE	EQUIREMENTS OF EACH
BUFFER TYPE.		

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	4501 Chantilly,

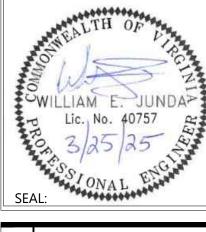
EXISTING ZONING MAP



U



N. RAY GORDON DRW: I CHK: W. JUNDA N. RAY



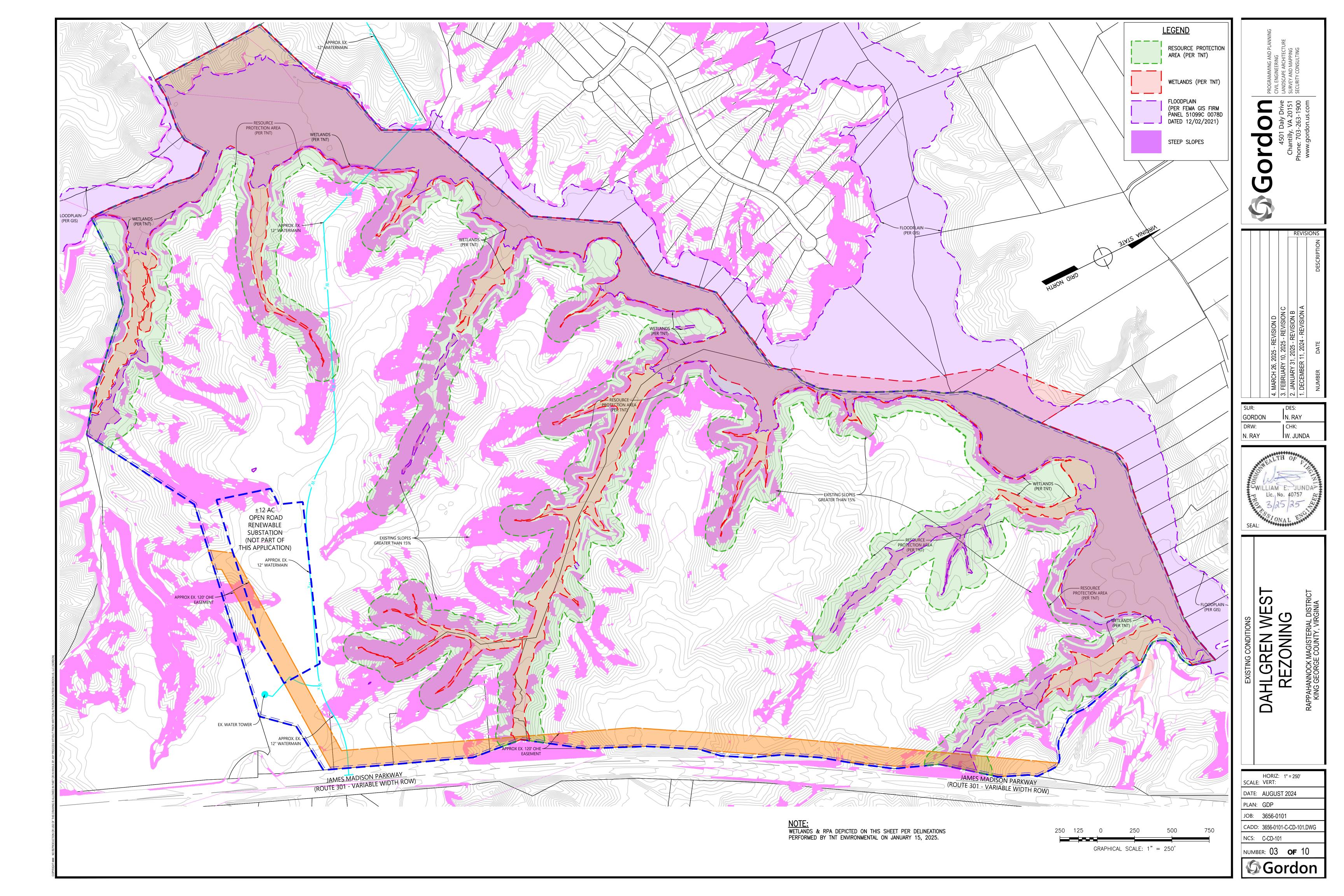
ZONING DAHLGREN REZONIN

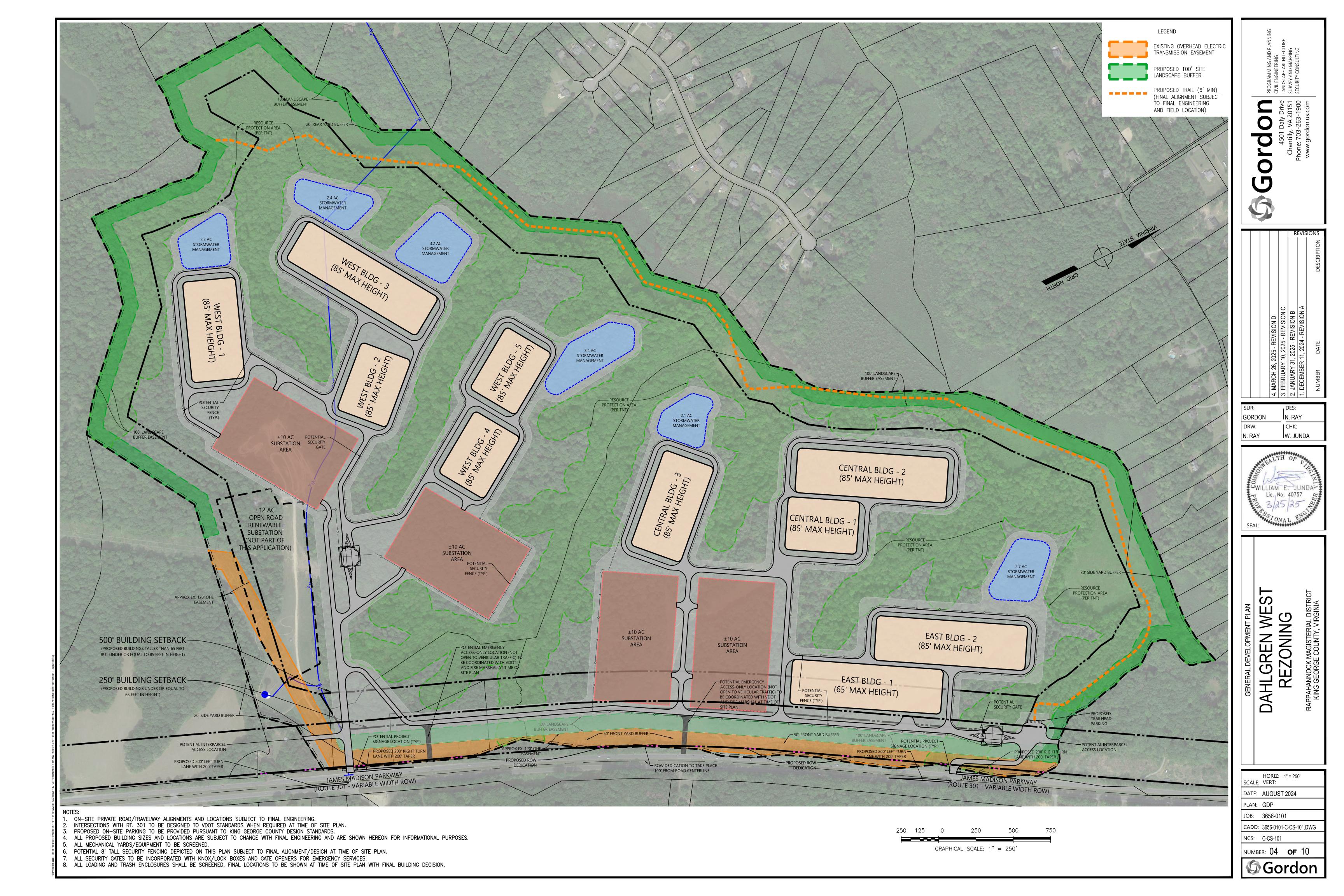
HORIZ: 1" = 500'

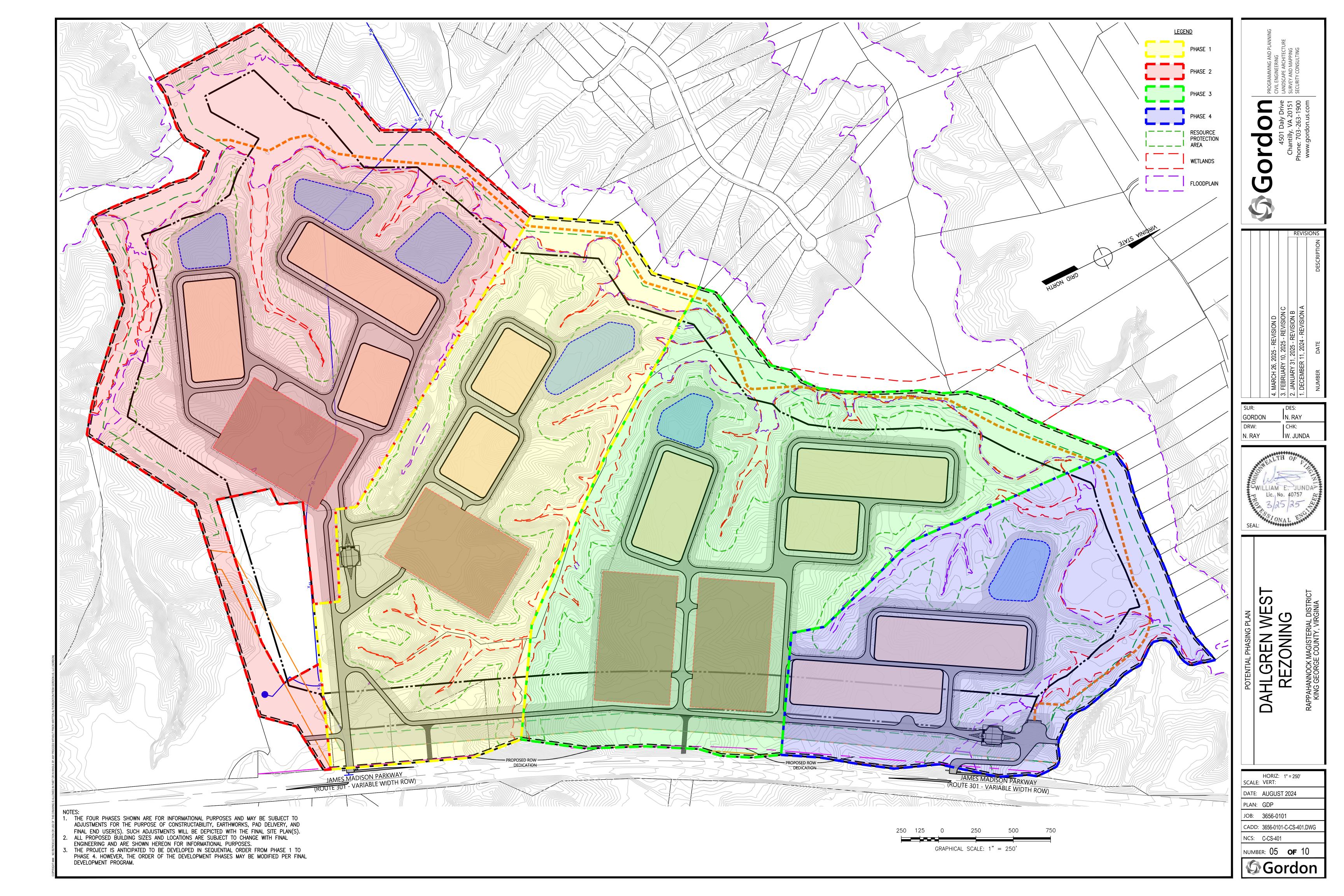
SCALE: VERT: DATE: AUGUST 2024 PLAN: GDP JOB: 3656-0101 CADD: 3656-0101-C-GI-002.DWG

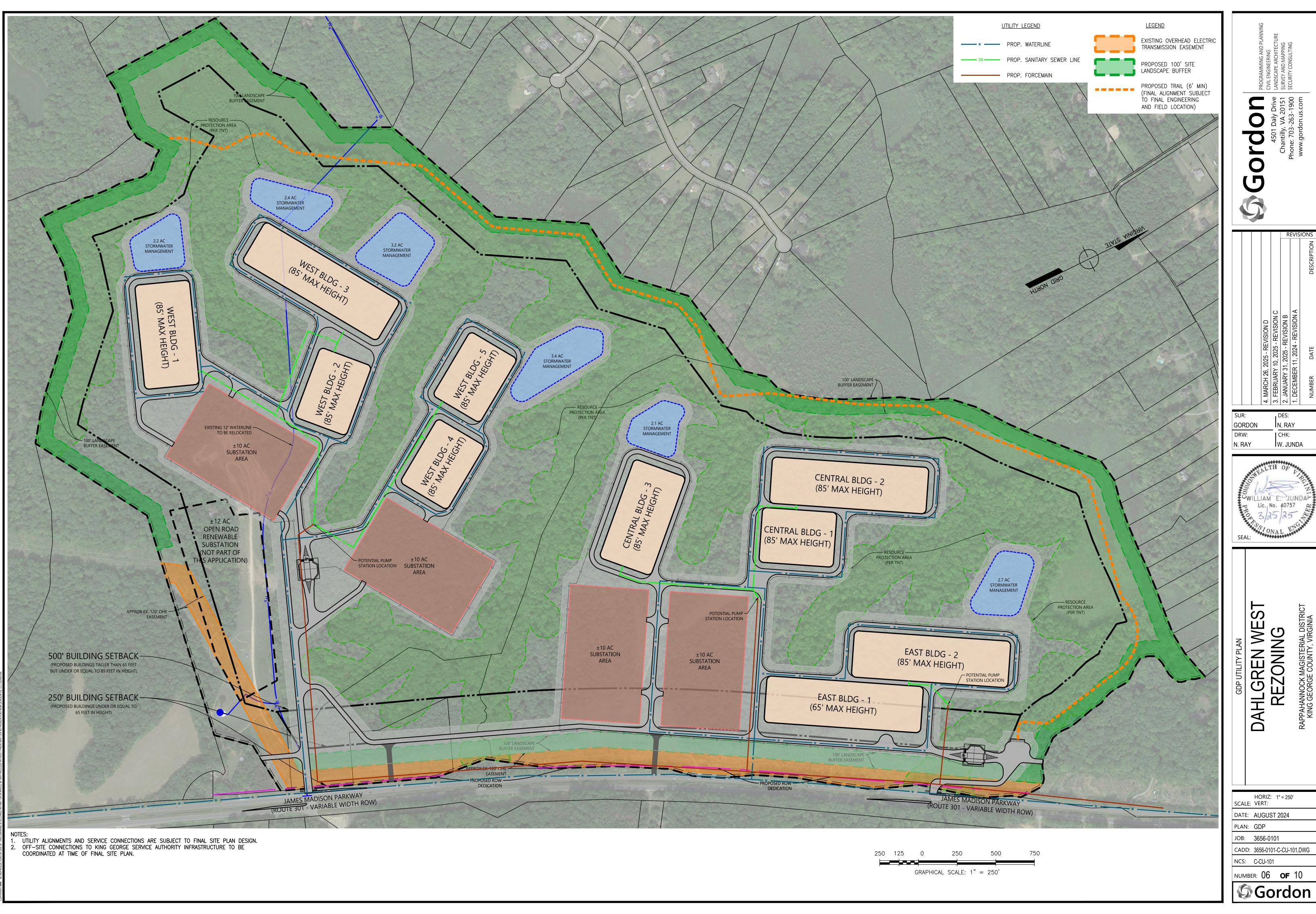
NCS: C-GI-002 NUMBER: 02 **OF** 10

♥ Gordon







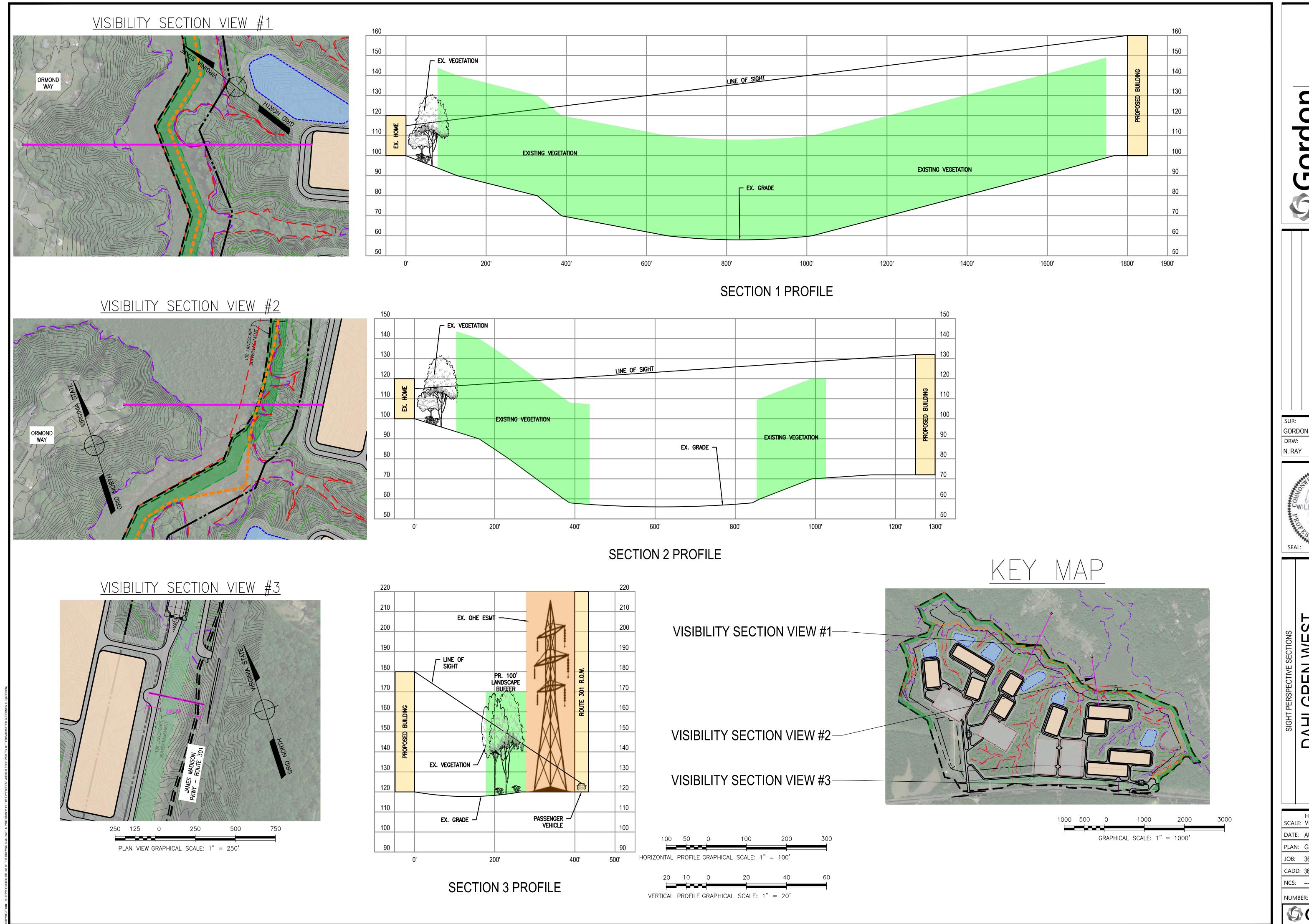


HORIZ: 1" = 250'

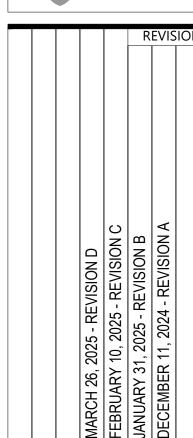
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NUMBER: 06 **OF** 10

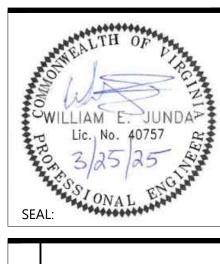




Gordon



N. RAY W. JUNDA



DAHLGREN WEST REZONING

HORIZ: AS SHOWN SCALE: VERT: DATE: AUGUST 2024 PLAN: GDP JOB: 3656-0101 CADD: 3656-0101-C-CS-501.DWG

NUMBER: 08 **OF** 10 **₲**Gordon

NTS FUTURE BUILDINGS LOCATED BEHIND EXISTING VEGETATION AND A 100' LANDSCAPE BUFFER, ONLY PARTIALLY VISIBLE FROM THE TOP OF THE BUILDINGS FROM THE STREET.

VIEW 3



NTS FUTURE BUILDINGS LOCATED BEHIND EXISTING VEGETATION AND A 100' LANDSCAPE BUFFER, ONLY PARTIALLY VISIBLE FROM THE TOP OF THE BUILDINGS FROM THE STREET.



VIEW 4

NTS
FUTURE BUILDINGS LOCATED BEHIND EXISTING VEGETATION AND A 100' LANDSCAPE BUFFER, ONLY PARTIALLY VISIBLE FROM THE TOP OF THE BUILDINGS FROM THE STREET.

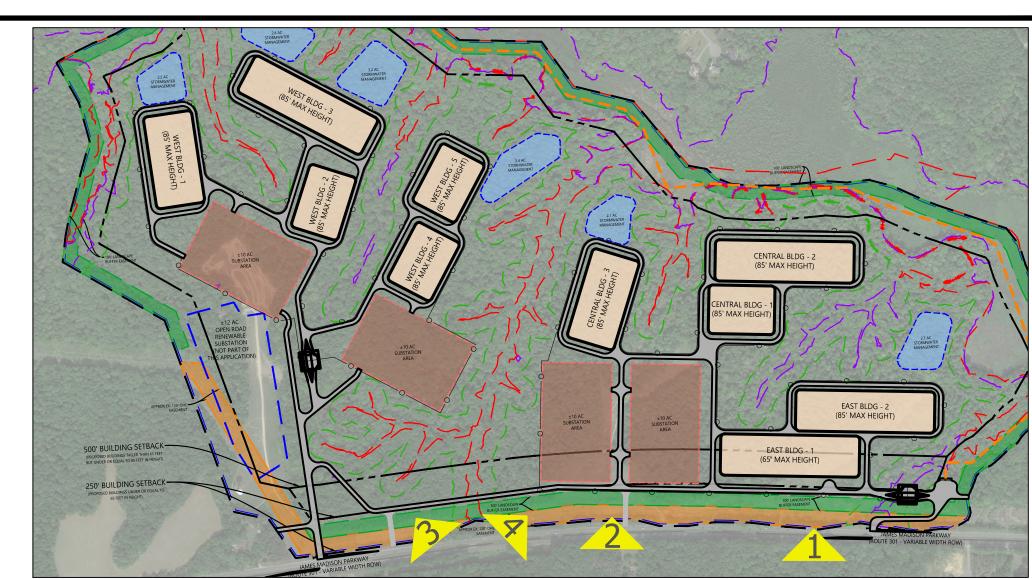


NTS FUTURE BUILDINGS LOCATED BEHIND EXISTING VEGETATION AND A 100' LANDSCAPE BUFFER, WILL NOT BE VISIBLE FROM THE STREET.





KEY PLAN



DAHLGREN WES
REZONING

HORIZ: SCALE: VERT:

PLAN: GDP

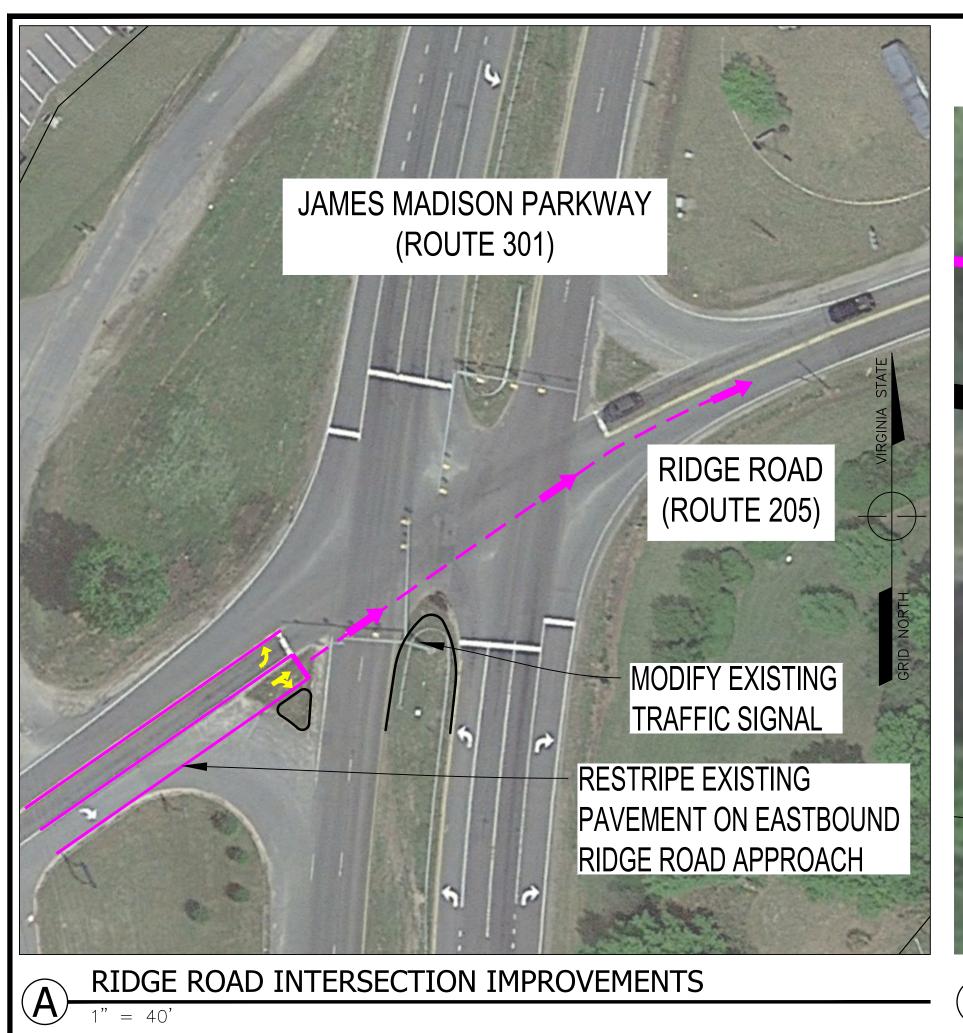
JOB: 3656-0101

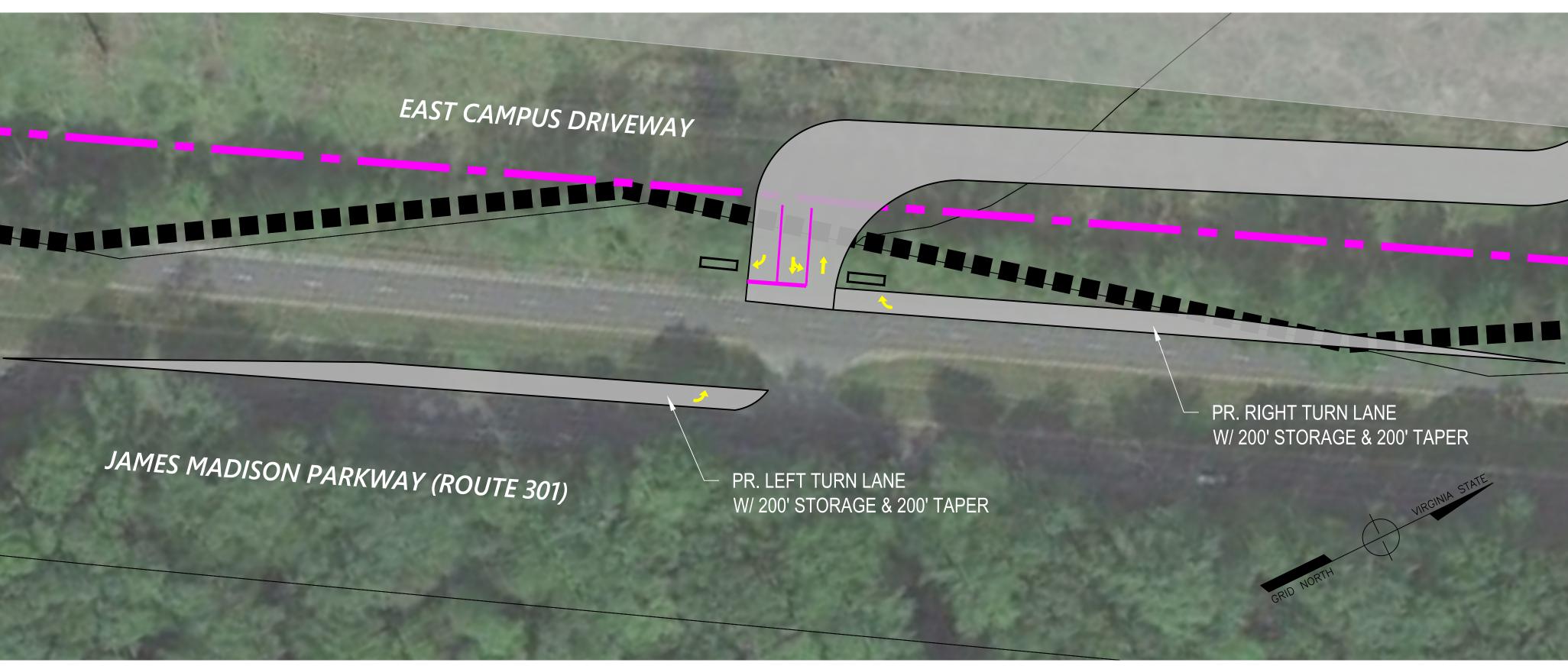
DATE: AUGUST 2024

CADD: 3656-0101-C-CS-601.DWG

NUMBER: 09 **OF** 10

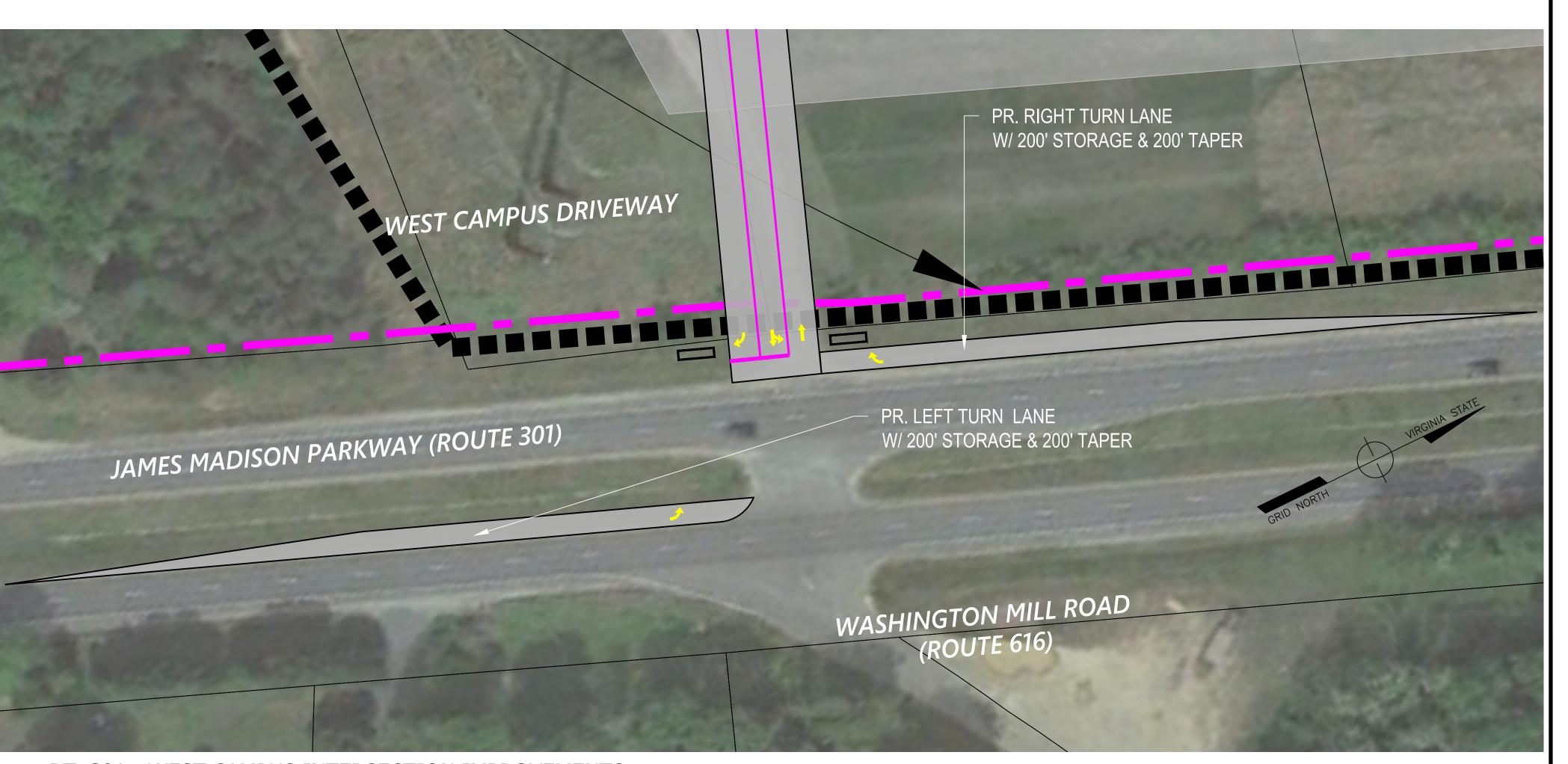
Gordon





B RT. 301 - EAST CAMPUS INTERSECTION IMPROVEMENTS

1" = 40'

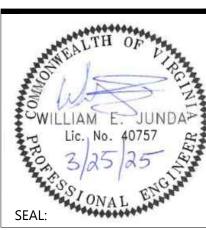


40 20 0 GRAPHICAL SCALE: 1" = 40'

RT. 301 - WEST CAMPUS INTERSECTION IMPROVEMENTS

1" = 40'

W. JUNDA



DAHLGREN WEST REZONING

HORIZ: SCALE: VERT: DATE: AUGUST 2024

JOB: 3656-0101 CADD: 3656-0101-C-CT-101.DWG

NUMBER: 10 **OF** 10

⑤ Gordon