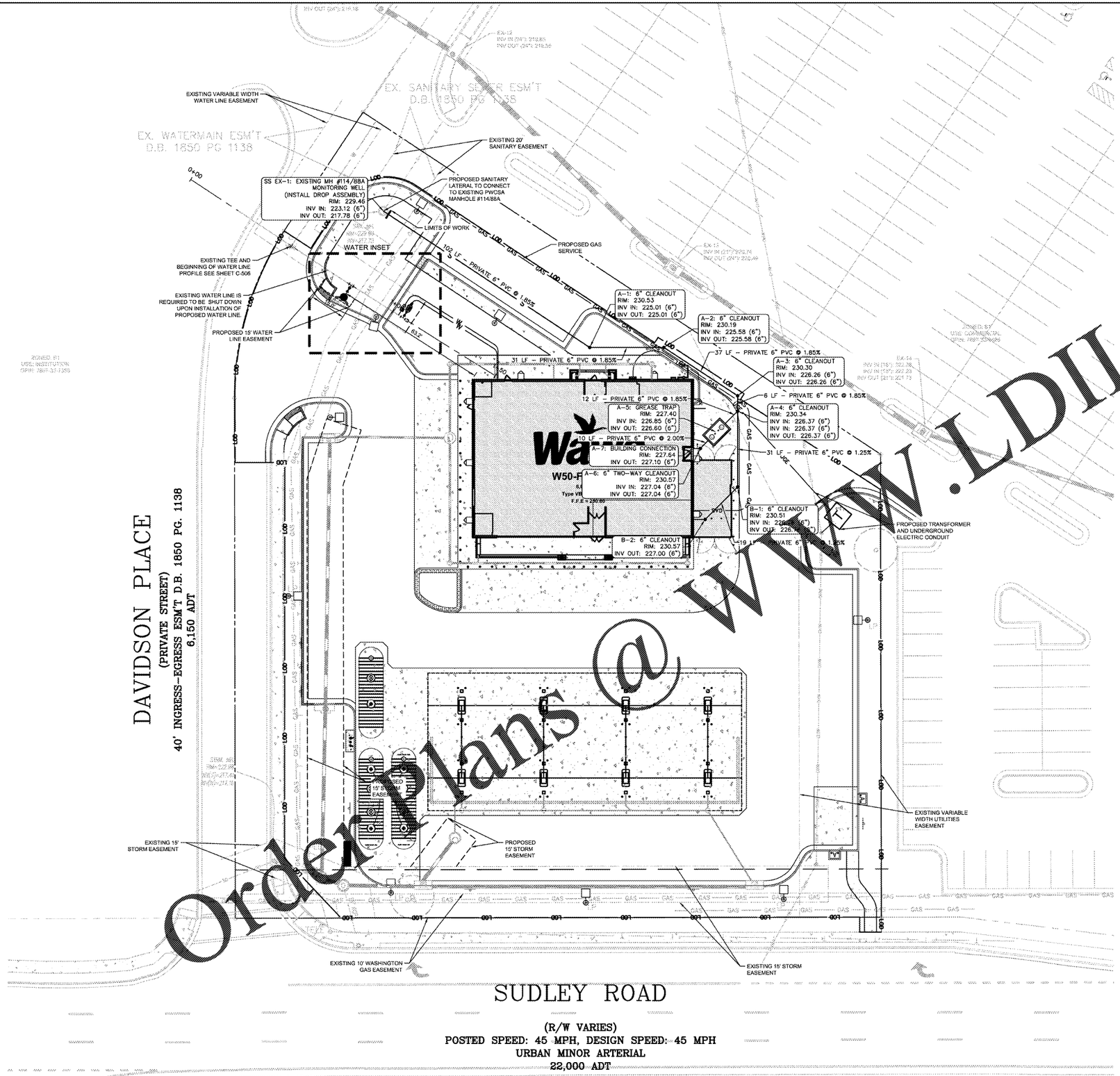


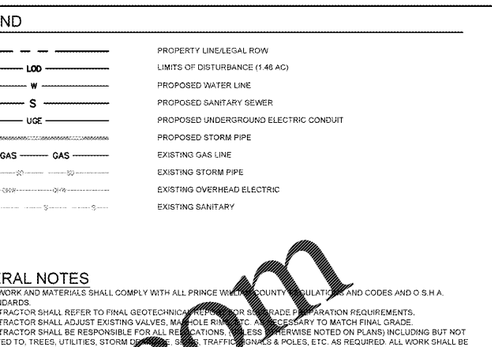
LEGEND

- PROPERTY LINE/LEGAL ROW
- LOD — LIMITS OF DISTURBANCE (1.46 AC)
- W — PROPOSED WATER LINE
- S — PROPOSED SANITARY SEWER
- UGE — PROPOSED UNDERGROUND ELECTRIC CONDUIT
- PROPOSED STORM PIPE
- GAS — GAS — EXISTING GAS LINE
- EXISTING STORM PIPE
- EXISTING OVERHEAD ELECTRIC
- EXISTING SANITARY

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL PRINCE WILLIAM COUNTY, UTILITIES AND CODES AND O.S.H.A. STANDARDS.
2. CONTRACTOR SHALL REFER TO FINAL GEOTECHNICAL REPORT FOR SUBGRADE PREPARATION REQUIREMENTS.
3. CONTRACTOR SHALL ADJUST EXISTING VALVES, MANHOLE RIMS, ETC. AS NECESSARY TO MATCH FINAL GRADE.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, UNLESS OTHERWISE NOTED ON PLANS INCLUDING BUT NOT LIMITED TO, TREES, UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES REQUIREMENTS AND PROJECT SITE WORK SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BID PRICE.
5. SITE BOUNDARY, TOPOGRAPHY, UTILITIES AND ROAD INFORMATION TAKEN FROM SURVEYS PREPARED BY GRC GROUP, LLC.
6. REFER TO MEP PLANS FOR ALL UTILITY CONNECTIONS TO BUILDING.
7. A MINIMUM VERTICAL SEPARATION OF 18" SHALL BE MAINTAINED BETWEEN TOP OF PIPE TO TO OUTSIDE OF PIPE SHALL BE MAINTAINED BETWEEN WATER AND SANITARY SEWER LINES AND 12" BETWEEN WATER AND STORM SEWER LINES.
8. PROPOSED DIP WATER LINES SHALL BE MINIMUM CLASS 150 DUCTILE IRON. ALL PROPOSED COPPER WATER LINES SHAL BE MINIMUM CLASS. PROPOSED SANITARY LINES SHALL BE SCHEDULE 40 PVC.
9. REFER TO ARCHITECTURE PLANS FOR LOCATION AND SIZING OF DIP SLEEVES FOR FRANCHISE UTILITIES, IRRIGATION, ETC.
10. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DEFLECT ELECTRICAL, GAS, CABLE, TELEPHONE CONDUITS AND PIPING AS REQUIRED TO AVOID UTILITY CONFLICTS.
11. ALL DOMESTIC AND IRRIGATION BACKFLOW DEVICES SHALL BE PROTECTED WITH RPZ BACKFLOW DEVICES LOCATED INSIDE THE BUILDING (SEE MEP PLANS FOR LOCATIONS).
12. CONNECTIONS TO EXISTING MANHOLES WITHOUT STUBS OR BRICKED-UP OPENINGS SHALL BE THE EQUAL OF EITHER KOR-N-SEAL W/ STAINLESS STEEL EXPANDER RING OR PRESS-SEAL W/ NYLON EXPANDER SLEEVE INSTALLED BY CORE DRILLING MANHOLE AND IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
13. PRIOR TO CONSTRUCTION, CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY SHOULD THERE BE ANY DISCREPANCIES OR IF EXISTING FIELD CONDITIONS VARY FROM THOSE SHOWN ON THESE PLANS.
14. CONTRACTOR TO COORDINATE DRY UTILITIES (ELECTRIC, TELEPHONE, GAS, ETC.) WITH APPROPRIATE UTILITY COMPANIES AND INSTALL UTILITIES PER DIRECTION OF UTILITY COMPANIES AND OWNER. BUILDING CONNECTIONS SHOWN ON THIS PLAN FOR REFERENCE.
15. CONTRACTOR TO COMPLETE ALL TEST PITS AND COORDINATE ALL DISCREPANCIES WITH EXISTING UTILITY INFORMATION WITH ENGINEER PRIOR TO BEGINNING CONSTRUCTION.
16. CONTRACTOR TO COORDINATE CONSTRUCTION METHOD, CONSTRUCTION COST, AND SEQUENCE OF CONSTRUCTION FOR WATER AND SEWER LINE WITH PRINCE WILLIAM COUNTY SEWER AUTHORITY PRIOR TO BEGINNING CONSTRUCTION.
17. CONTRACTOR TO COORDINATE EXISTING WATER LINE SHUT DOWN WITH PWCSA PRIOR TO IMPLEMENTING PROPOSED WATER LINE CHANGES.
18. THE APPLICANT IS REQUESTING A WAIVER FROM SECTION 702.08F OF THE PRINCE WILLIAM COUNTY DESIGN AND CONSTRUCTION STANDARDS MANUAL TO PERMIT PERMANENT STRUCTURES WITHIN EASEMENTS.

WATER INSET
SCALE 1"=10'



GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

No.	REVISIONS	DATE	BY
1	PWC COMMENTS – 1ST ROUND	09/16/2018	CAH
2	PWC COMMENTS – 2ND ROUND	11/02/2018	CAH
3	PWC COMMENTS – SIGNATURE SET	02/06/2019	CAH
4	UTILITY REVISIONS	07/25/2019	GMH

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WWW.KIMLEY-HORN.COM

COMMONWEALTH OF VIRGINIA
ROSS STEVENS
Lic. No. 047498
02/06/2019
PROFESSIONAL ENGINEER

KHA PROJECT 110499001
DATE 02/06/2019
SCALE AS SHOWN
DESIGNED BY JLM
DRAWN BY JLM
CHECKED BY RSS

UTILITY PLAN

WAWA - SUDLEY ROAD
PREPARED FOR
FRONTIER DEVELOPMENT
PRINCE WILLIAM COUNTY VA

Sheet 30 of 40

SHEET NUMBER
C-500

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