

This will not be allowed. this service should not be running parallel within or adjacent to the R/W. My previous comment was suggesting moving the fire line to the north side of the driveway. If that is not possible because of the RPDA, then there will need to be two road cuts. Also, Raleigh only allows 5/8" and 3/4" WM as GMAs. Our W-34 detail would allow 1 domestic WM off of the fire line but if (2) 2" WMs are needed, the 2nd domestic WM would require a separate tap off of our main.

Please show City of Raleigh Water Line Easement extended from the R/W, 1' on each side of the meter vaults.

- KEY**
- 1 6" EXISTING WATER LINE LOCATION SHOWN IS APPROXIMATE. COORDINATE WITH CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT PRIOR TO STARTING WATERLINE CONSTRUCTION. CONFORM TO ALL WATER AUTHORITY STANDARDS AND REQUIREMENTS, AND TO ALL RIGHT-OF-WAY ENCROACHMENT CONDITIONS. VERIFY EXISTING PIPE SIZE AND MATERIAL, AND NOTIFY THE PROJECT ENGINEER OF ANY DISCREPANCIES.
 - 2 2" CORPORATION STOP.
 - 3 2" COPPER SERVICE LINE
 - 4 90 DEGREE, OR 45 DEGREE, OR 22.5 DEGREE MU BEND AND RESTRAINT.
 - 5 CONTRACTOR SHALL MAKE APPLICATION FOR ELECTRIC SERVICE, COORDINATE INSTALLATION, AND PROVIDE ALL MATERIALS AND WORK NOT PROVIDED BY THE ELECTRIC COMPANY. VERIFY ROUTE AND LOCATIONS WITH ARCHITECT AND SERVICE PROVIDER.
 - 6 ELECTRIC METER LOCATION ON BUILDING - VERIFY EXACT LOCATION WITH ARCHITECT AND SERVICE PROVIDER.
 - 7 6" BACKFLOW PREVENTER DEVICE (RPDA), RALEIGH APPROVED, LOCATED IN AN "ABOVE GROUND" HEATED ENCLOSURE.
 - 8 INSTALL SITE LIGHTING CIRCUIT IN BUILDING ELECTRICAL PANEL AND ROUTE TO SITE LIGHTING FIXTURES. PROVIDE AND INSTALL CONDUIT AS NEEDED. VERIFY DETAILS WITH OWNER AND ARCHITECT, AND SERVICE PROVIDER.
 - 9 EXTEND SITE UTILITIES TO A POINT WITHIN 5 FEET OF THE BUILDING WALL(S), BUILDING PLUMBER SHALL MAKE ALL UTILITY CONNECTIONS.
 - 10 1500 GALLON GREASE INTERCEPTOR w/ TRAFFIC RATED ACCESS LIDS
 - 11 PVC DOWNSPOUT PIPE HEADER. TIE INTO STORM DRAIN STRUCTURE. FIELD VERIFY LOCATION / ELEVATION
 - 12 6" PVC, SDR-35, PRIVATE SANITARY SEWER LATERAL WITH CLEANOUTS AT ALL BENDS AND A MAX SPACING OF 75 FEET-MIN 1% SLOPE.
 - 13 SANITARY SEWER CLEANOUT (SEE DETAIL AND NOTES). USE TRAFFIC BEARING CLEANOUT IN PAVEMENT AREAS.
 - 14 FIRE DEPARTMENT CONNECTION TYPE SHALL BE 5 INCH STORZ, WITH MU FITTINGS AS NEEDED.
 - 15 6" DUCTILE IRON PIPE WATER LINE, 36" BELOW FINISH GRADE
 - 16 FIRE HYDRANT ASSEMBLY WITH 6" VALVE AND BOX. SEE COR DETAIL W4.
 - 17 2" GANG METER ASSEMBLY - SEE COR DETAIL W26
 - 18 2" RP BACKFLOW ASSEMBLY BY WATTS OR APPROVED EQUAL
 - 19 EXISTING WATER METER TO BE REMOVED / ABANDONED
 - 20 6"x6" TAPPING SLEEVE AND 6" GATE VALVE
 - 21 20' PRIVATE SANITARY SEWER EASEMENT
 - 22 SANITARY SEWER BACKWATER VALVE - SEE COR DETAIL S-38

S-5195 is the assigned sewer permit number for this project. Please include this in all the applicable sit permitting approval permit blocks on the cover, utility and plan/profile sheets.

Please email me for the Raleigh Development Fees associated with this project. Fees must be paid prior to signatures.

- NOTES**
1. SEE SHEET C4 FOR STORM DRAIN SCHEDULE.
 2. SEE SHEET C6 FOR SANITARY SEWER PLAN AND PROFILE.

SITE PERMITTING APPROVAL

Water and Sewer Permits (if applicable)

The City of Raleigh consents to the connection and extension of the City's Public Sewer System as shown on this plan. The material and construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook, City of Raleigh Public Utilities Department Permit # _____

The City of Raleigh consents to the connection and extension of the City's Public Water System as shown on this plan. The material and construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook, City of Raleigh Public Utilities Department Permit # _____

The City of Raleigh consents to the connection to its public sewer system and extension of the private sewer collection system as shown on this plan. The material and construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook, City of Raleigh Public Utilities Department Permit # _____

CITY OF RALEIGH - PLANS AUTHORIZED FOR CONSTRUCTION

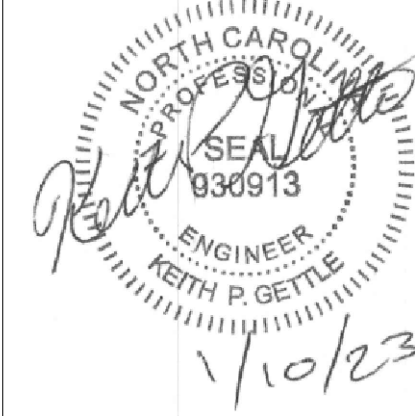
Plans for the proposed use have been reviewed for general compliance with applicable codes. This limited review, and authorization for construction is not to be considered to represent total compliance with all legal requirements for development and construction. The property owner, design consultants, and contractors are each responsible for compliance with all applicable City, State and Federal laws. This specific authorization below is not a permit, nor shall it be construed to permit any violation of City, State or Federal Law. All construction must be in accordance with all Local, State, and Federal Rules and Regulations.

Electronic Approval: This approval is being issued electronically. This approval is valid only upon the signature of a City of Raleigh Review Officer below. The City will retain a copy of the approved plans. Any work authorized by this approval must proceed in accordance with the plans kept on file with the City. This electronic approval may not be edited once issued. Any modification to this approval once issued will invalidate this approval.

City of Raleigh Development Approval _____
 City of Raleigh Review Officer _____

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 Firm License P-2538

NO.	DATE	INITIAL SUBMITTAL	APPROVED BY	REVISION DESCRIPTION
1	07/26/2022	Revised per Town COR Comment		
2	10/3/2022	Revised per Town COR / Wake Co. Comment		
3	01/10/2023	COMMENT		
4	DATE	COMMENT	BY	
5	DATE	COMMENT	BY	
6	DATE	COMMENT	BY	
8	DATE	COMMENT	BY	



Utility Plan
South Main
 503 South Main Street
 Rolesville, Wake County, North Carolina

Project No. 22003
 Dwg No. **C5**

