



- KEY**
- 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" CORPORATION STOP.
 - 2" COPPER SERVICE LINE
 - 90 DEGREE, OR 45 DEGREE, OR 22.5 DEGREE MJ BEND AND RESTRAINT.
 - 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.
 - ELECTRIC METER LOCATION ON BUILDING - VERIFY EXACT LOCATION WITH ARCHITECT AND SERVICE PROVIDER.
 - 6" BACKFLOW PREVENTER DEVICE (RP2) LOCATED IN AN "ABOVE GROUND" HEATED ENCLOSURE.
 - 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.
 - EXTEND SITE UTILITIES TO A POINT WITHIN 5 FEET OF THE BUILDING WALL(S). BUILDING PLUMBER SHALL MAKE ALL UTILITY CONNECTIONS.
 - 100 GALLON GREASE INTERCEPTOR w/ TRAFFIC RATED ACCESS LIDS
 - PVC DOWNSPOUT PIPE HEADER. TIE INTO STORM DRAIN STRUCTURE. FIELD VERIFY LOCATION / ELEVATION
 - 6" PVC, SDR-35, PRIVATE SANITARY SEWER LATERAL WITH CLEANOUTS AT ALL BENDS AND A MAX SPACING OF 75 FEET-MIN 1% SLOPE.
 - SANITARY SEWER CLEANOUT (SEE DETAIL AND NOTES). USE TRAFFIC BEARING CLEANOUT IN PAVEMENT AREAS.
 - FIRE DEPARTMENT CONNECTION TYPE SHALL BE 6 INCH STORZ, WITH MJ FITTINGS AS NEEDED.
 - 6" DUCTILE IRON PIPE WATER LINE, 30" BELOW FINISH GRADE
 - FIRE HYDRANT ASSEMBLY WITH 6" VALVE AND BOX. SEE COR DETAIL W4.
 - 1" GANG METER ASSEMBLY - SEE COR DETAIL W26
 - 1" RP BACKFLOW ASSEMBLIES BY WATTS OR APPROVED EQUAL
 - EXISTING WATER METER TO BE REMOVED / ABANDONED
 - 6"x6" TAPPING SLEEVE AND 6" GATE VALVE
 - 20" PRIVATE SANITARY SEWER EASEMENT
 - SANITARY SEWER BACKWATER VALVE - SEE COR DETAIL S-38

Please go ahead and reach out to FOG@raleighnc.gov for approval.

Please include the Raleigh Public sewer permit application with the next submittal. Once received, I'll email you the assigned permit number. There will also be development fees associated with this development that should be paid prior to CD approval.

- NOTES**
- SEE SHEET C4 FOR STORM DRAIN SCHEDULE.
 - 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 does not constitute 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 laws and regulations.

Electronic Approval: This approval is being issued electronically. This approval is valid only upon the signature of a City of Raleigh Planner. 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 used as evidence. Any modification to this approval must be made and submitted to the City.

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

PRELIMINARY DO NOT USE FOR CONSTRUCTION

Gettle Engineering and Design, PLLC
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Wake Forest, North Carolina 27587
Firm License P-2538
(919) 210-3934

NO.	DATE	BY	REVISION DESCRIPTION
1	07-26-2022	INITIAL SUBMITTAL	
2	10-12-2022	Revised per Town / COR Comment	
3	DATE	COMMENT	
4	DATE	COMMENT	
5	DATE	COMMENT	
6	DATE	COMMENT	
7	DATE	COMMENT	

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

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

Professional Engineer Seal: KATHY P. GETTLE, ENGINEER, NORTH CAROLINA, LICENSE NO. 030673, 10/13/22