

- NOTES:
1. ALL SEWER CONNECTIONS FOR COMMERCIAL CONSTRUCTION SHALL BE 6" IN DIAMETER. ANY CONNECTIONS MADE AT A MANHOLE SHALL BE MADE WITH A RUBBER BOOT INSTALLED WITH A CLEANOUT AT THE EDGE OF THE RIGHT OF WAY.
 2. PER SEC. 36.2-610. - UTILITIES, ALL UTILITIES SHALL BE LOCATED UNDERGROUND.
 3. ACCORDING TO 2019 PLAN INFORMATION BY LUMSDEN ASSOCIATES, THE EXISTING FIRE HYDRANT ON SITE (0-234532) HAS A FIRE FLOW OF 2019 GPM WITH A RESIDUAL PRESSURE OF 19.98 PSI.
 4. THERE IS CURRENTLY NO FIRE ALARM PROPOSED FOR THE BUILDING. IF A FIRE ALARM IS INSTALLED THEN A 3200 SERIES KNOX BOX (KNOXBOX.COM) WOULD BE REQUIRED AT THE ENTRANCE OF THE BUSINESS.
 5. FIRE FLOW REQUIREMENTS ARE 2,000 GPM PER THE FIRE PREVENTION CODE POLICY BASED ON BUILDING USE "B".

THE WWA SHALL TAP THE LINE AND PROVIDE THE METER PER DETAIL W-3 ON SHEET C4-02. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SADDLE, SETTING THE METER BOX, AND ALL OTHER WORK FROM THE MAIN LINE TO THE BUILDING CONNECTION.

Meter Box relocated

20" of 1" HDPE

EXISTING HYDRANT SEE NOTE 3

1" PRIVATE WATER SERVICE

6" PRIVATE LATERAL

EXISTING 20" WATER LINE EASEMENT AS SHOWN ON PLAT PREPARED BY LUMSDEN ASSOCIATES

EXISTING 8" WATERLINE

Top - 1089.05
Invert In - 1089.99

151' of 8" SDR 35

COORDINATE CORNER SHALL BE THE EXISTING MANHOLE WITH WWA BEGIN EXTENSION OF PUBLIC SANITARY SEWER LINE PER WWA STANDARDS TO THE PROPERTY LINE (MANHOLE C)

EXISTING 20" PUBLIC SANITARY SEWER EASEMENT AS SHOWN ON PLAT PREPARED BY LUMSDEN ASSOCIATES

Top - 1084.08
Invert Out - 1083.87

55' of 8" SDR 35

Top - 1088.05
Invert Out - 1084.29

11' of 6" SDR 26

GRAPHIC SCALE
CONT. INTERVAL = 1 FT.

City of Roanoke
Planning, Building, & Development
COMPREHENSIVE DEVELOPMENT PLAN
APPROVED
by Aaron Cypher 09/01/2023

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**NATIONAL BANK
ROANOKE OFFICE**
ROANOKE, VIRGINIA



REVISIONS		
NO.	COMMENTS	DATE

PROJECT TEAM		
P	JOHN T. NEEL, PE	
E	SEYMANTIA ALABAKIS, PE, LE	
DES	JAM	
ISSUE DATE	04/13/2021	
GNU JOB NO.	2960	
SHEET TITLE	UTILITY PLAN	
SHEET NUMBER	C4-01	