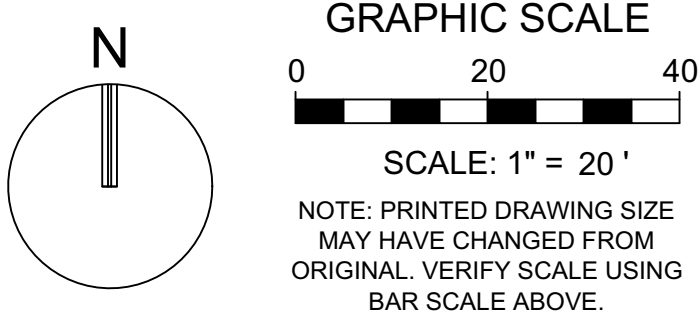


**NOTE:**

HOW TO RETIRE OLD LATERALS:

- IF THE EXISTING MAIN IS CLAY PIPE AND HAS A CIPP LINER CURRENTLY INSTALLED, (INSTALL A SECTIONAL LINER IN THE MAIN OVER THE OLD LATERAL THUS ELIMINATING THE LATERAL).
- IF THE EXISTING MAIN IS CLAY PIPE, (DIG DOWN CUT OLD CLAY PIPE, SLEEVE BACK IN WITH PVC AND CITY APPROVED COUPLINGS)
- IF THE EXISTING MAIN IS CLAY PIPE AND YOU ARE REQUIRED TO RETIRE MULTIPLE LATERALS FOR A PROJECT (IT MAY BE CHEAPER FOR THE CONTRACTOR TO INSTALL A CITY APPROVED CIPP LINER FROM MANHOLE TO MANHOLE AND NOT CUT OUT THE LATERALS THAT THEY ARE RETIRING).
- IF THE EXISTING MAIN IS PVC PIPE, (REMOVE THE LATERAL PIPE FROM THE PVC WYE FITTING AND INSTALL A PLUG INTO THE WYE. INSTALL A GREEN LOCATING MARKING BALL AT THE LATERAL LOCATING, NO DEEPER THAN 4 FT. BELOW GRADE).

C-1  
EX. WATER OVER SEWER  
TOP OF 6" PVC EL.=7.00'  
BOT. OF 18" DIP EL.=8.00'  
CLEARANCE=1.00' (MIN.)





**301 East Atlantic Blvd.**  
**Pompano Beach, FL 33060**  
**PH: (954) 788-3400**

Florida Engineering Business License: CA7928  
Florida Surveyor and Mapper Business License: LB6860  
Florida Landscape Architecture Business License: LC26000457

REVISIONS		
NO.	DESCRIPTION	DATE

**PRELIMINARY PLAN  
NOT FOR CONSTRUCTION**

THESE PLANS ARE NOT FULLY PERMITTED AND ARE SUBJECT TO REVISIONS MADE DURING THE PERMITTING PROCESS.

RESPONSIBILITY FOR THE USE OF THESE PLANS PRIOR TO OBTAINING PERMITS FROM ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT WILL FALL SOLELY UPON THE USER.

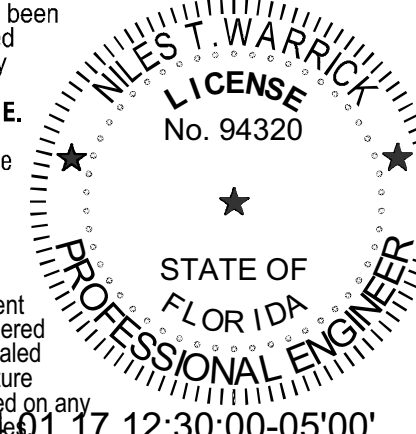
ISSUE DATE: 01/17/2023  
DESIGNED BY: NW  
DRAWN BY: JL  
CHECKED BY: NW  
BID-CONTRACT:

This item has been digitally signed and sealed by  
**NILES T. WARRICK, P.E.**  
on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic signature.

2024.01.17 12:30:00-05'00'

**NILES T. WARRICK, P.E.**  
FLORIDA REG. NO. 94320  
(FOR THE FIRM)



CLIENT

**YURI GURFEL**

PROJECT

**911 E. ATLANTIC BLVD.  
MULTIFAMILY  
Pompano Beach, FL**

SHEET TITLE

**WATER AND SEWER PLAN**

SHEET NUMBER **CU-101**

PROJECT NUMBER **13376.01**

Water and Sanitary Sewer Flow Calculations									
Existing Flows					Proposed Flows				
Establishment	Unit	Number of units	Per Unit* gal/day	gal/day	Establishment	Unit	Number of units	Per Unit* gal/day	gal/day
Office Building	SF	12,540	0.2	2,508	Residences	each	78	250	19,500
Total				2,508	Retail	SF	29,524	0.1	2,952
								Total	22,452
Total Increase in Daily Volume				19,944					
Source: Broward County Code of Ordinances, Chapter 27, Section 27-									

**AAC**  
P223-12000043  
04/02/2024

Plotted by: jlebensfeld On: 1/17/2024 9:16 AM

Drawing name: K:\13376.01 - 911 East Atlantic Blvd. Multifamily - Yuri Gurfel\Engineering\Cadd\13376.01-CU-101.dwg

STATUS: PRELIMINARY