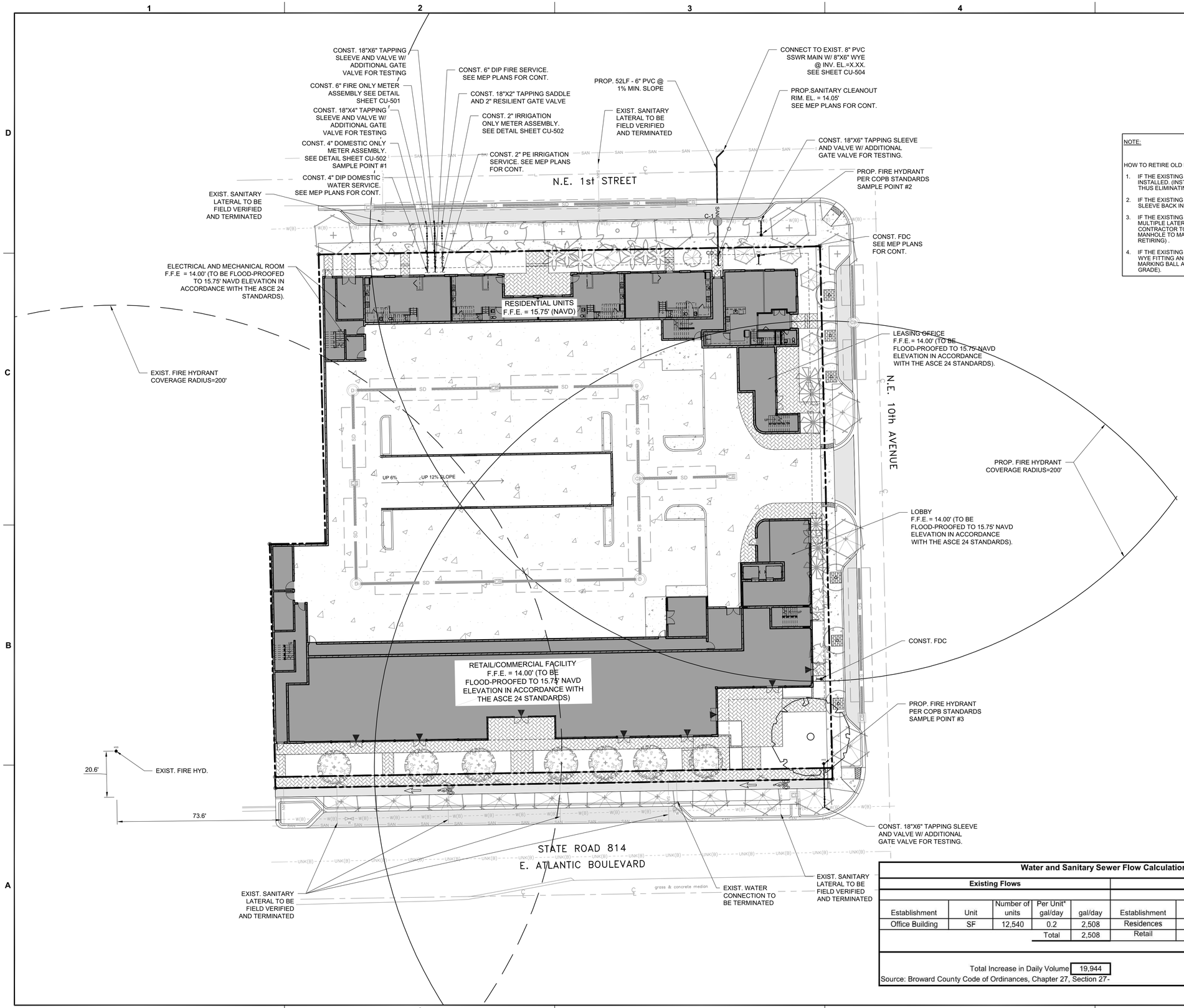

N

GRAPHIC SCALE
0 20 40
SCALE: 1" = 20 '

NOTE: PRINTED DRAWING SIZE MAY HAVE CHANGED FROM ORIGINAL. VERIFY SCALE USING BAR SCALE ABOVE.

NOTE:

HOW TO RETIRE OLD LATERALS:

1. 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).
2. IF THE EXISTING MAIN IS CLAY PIPE. (DIG DOWN CUT OLD CLAY PIPE, SLEEVE BACK IN WITH PVC AND CITY APPROVED COUPLINGS)
3. 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) .
4. 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.)

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-

KEITH
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.

NILES T. WARRICK LICENSE No. 94320 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

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-301
PROJECT NUMBER	13376.01

P&Z
PZ23-12000043
05/22/2024

Plotted by: jlebensfeld On 1/17/2024 9:18 AM

Drawing name: K:\13376.01 - 911 East Atlantic Blvd. Multifamily - Yuri Gurfel\Engineering\Cad\13376.01-CU-1XX.dwg

STATUS: PRELIMINARY