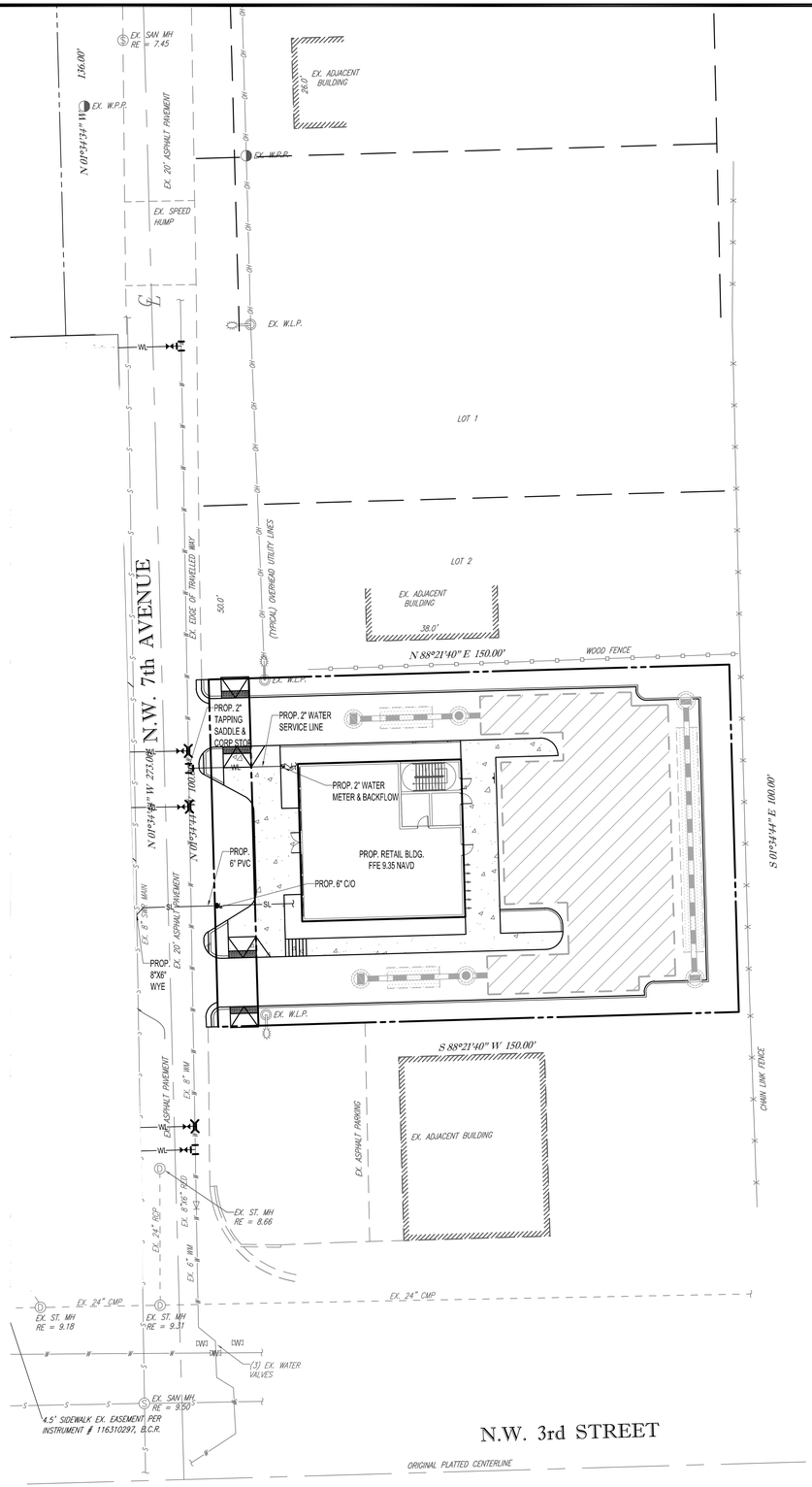

20 10 5 0 20

1"= 20'

ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.

ANY EXISTING WATER AND/OR SEWER CONNECTION TO THE SUBJECT LOTS NOT UTILIZED MUST BE CUT AND CAPPED AT THE WATER MAIN IF A WATER SERVICE AND CUT OUT AND SLEEVED IF A SEWER LATERAL. SEWER LATERALS THAT ARE CUT AND CAPPED WILL NEED TO BE AS-BUILT PER OUR ENGINEERING AS-BUILT STANDARDS.

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)

NOTES

1. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING SITE IMPROVEMENTS AND UTILITIES. ALL DISCREPANCIES SHALL BE IDENTIFIED TO THE ENGINEER IN WRITING.
2. ALL EXISTING UTILITIES SHALL BE REMOVED BY CONTRACTOR IN ACCORDANCE WITH CITY OF POMPANO BEACH AND LOCAL UTILITY COMPANY REQUIREMENTS. ALL DEMOLITION DEBRIS TO BE REMOVED BY CONTRACTOR IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
3. WATER SHALL BE ON SITE BEFORE CONSTRUCTION BEGINS.
4. CLEAN OUTS INSTALLED IN ASPHALT MUST BE INSTALLED IN A CITY BOX MARKED SEWER.
5. CONTRACTOR SHALL CONNECT ALL SERVICES TO THE BLDG UTILITY LINE AND COORDINATE CONNECTION LOCATIONS AND INVERTS. SHOULD A CONFLICT EXIST THE CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO COMMENCEMENT OF WORK.

UTILITY LEGEND

EXISTING NOTE	TYPICAL NOTE TEXT	PROPOSED NOTE	EXISTING NOTE	TYPICAL NOTE TEXT	PROPOSED NOTE
S SL S	SANITARY SEWER LATERAL	SL SL		HYDRANT	
W W W	UNDERGROUND WATER LINE	W W	S	SANITARY MANHOLE	
E E E	UNDERGROUND ELECTRIC LINE		D	STORM MANHOLE	
G G G	UNDERGROUND GAS LINE			CATCH BASIN	
OH OH OH	OVERHEAD WIRE			YARD INLET	
T T T	UNDERGROUND TELEPHONE LINE			WATER VALVE	
C C C	UNDERGROUND CABLE LINE			BACKFLOW PREVENTER	
	STORM SEWER			WATER METER	
S S S	SANITARY SEWER MAIN	S S		CLEAN OUT	

WATER/WASTEWATER CONSUMPTIVE USE DEMAND (East Parcel)

Use	Unit Count		Rate (GPD/unit)		Flow (GPD)
Retail	1,800	SF	0.1	/SF	180.00
Studio Apartment	4	Units	100	/Unit	400
1-Bedroom Apartment	2	Units	100	/Unit	200
				Total:	**780.00**

Maxwell T Kaplan

Digitally signed by Maxwell T Kaplan
DN: c=US, o=Florida, dnQualifier=A01410C0000017BEAA7C6438000050D4, cn=Maxwell T Kaplan
Date: 2024.03.27 17:41:15 -04'00'

THOMAS ENGINEERING GROUP
CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS
1502 W. FLETCHER AVE.
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STUART, FL 34994
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REVISIONS:

REV:	DATE:	COMMENT:	BY:

Sunshine 811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

PROJECT No.: F230094
DRAWN BY: JFV
CHECKED BY: MTK
DATE: 10-12-2023
CAD I.D.: F230094 UTIL TH

PROJECT:

PATAGONIA TUXEDO PARK

FOR

ICG CGP 58, LLC

POMPANO BEACH
FLORIDA

THOMAS ENGINEERING GROUP
6300 NW 31ST AVENUE
FORT LAUDERDALE, FL 33309
PH: (954) 202-7000
FX: (954) 202-7070
www.ThomasEngineeringGroup.com

MAXWELL T. KAPLAN LICENSE No. 83366 STATE OF FLORIDA PROFESSIONAL ENGINEER
March 27, 2024
FLORIDA BUSINESS CERT. OF AUTH. No. 27538

SHEET TITLE:

UTILITY PLAN

SHEET NUMBER:

PE-07A

DRC
PZ23-12000048
07/03/2024

Printed on Wednesday, March 27, 2024, 5:33 PM by Joaquin Vargas (JOQ PARK) - POMPANO BEACH\PATAGONIA\2023\04-23-14 - ORC SUBMITTAL\F230094 UTIL TH-------XAPLOT TH