



LOCATION MAP
N.T.S.

LEGEND

R.E.	RIM ELEVATION
G.E.	GRATE ELEVATION
I.E.	INVERT ELEVATION
	DOUBLE WATER METER SERVICE
	SINGLE WATER METER SERVICE
	CLEAN OUT TO GRADE
	PAVEMENT RESTORATION
	MILL & RESURFACE PAVEMENT WITH 1.5" SP-9.5 AFTER PAVEMENT RESTORATION FOR PAVEMENT CUTS
	DOUBLE SEWER LATERAL
	SINGLE SEWER LATERAL
	EXISTING OR FUTURE UTILITIES

NOTE:
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)

PROJECT NAME: REGANZANI WAREHOUSE POMPANO BEACH

WATER AND SEWER DEMAND CALCULATIONS

Date: 2/17/2025

The estimated flows were calculated using the Broward County WWS ERU Factors
Equivalent Residential Unit Factors (ERU) for Warehouses (mixed use)
Warehouse (mixed use): 250 GPD per Unit (Ref. Code C06)

ERU PER UNIT OF WAREHOUSE (MIXED USE): 1000SF = 0.168
GROSS AREA OF BLDG. = 7,181 SF

Total ERU = 7.2 X 0.168 = 1.210

	Demand	Units	Total	
1.21 ERU	250	GPD	302.5	
Total Average Daily Flow			302.5	GPD

Total Average Flow Per Hour 302.50 /24 Hrs. = 12.60 GPH

Max. Flow Per Hour = 12.60 x 4.0 = 50.42 GPH

REVISIONS:

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CLIENT:

LLR ARCHITECTS, INC.
9000 SHERIDAN STREET
SUITE 158
PEMRBOKE PINES, FL, 33024

PROJECT:

SW 3RD STREET
POMPANO BEACH
FLORIDA
TASK:
WATER AND SEWER PLAN

GGB Engineering
CIVIL AND FORENSIC ENGINEERS • LAND PLANNERS
• CONSTRUCTION MANAGERS
FLORIDA REGISTRATION No. 38256
2699 Stirling Road, Suite C-202
Fort Lauderdale, Florida 33312
Phone: (954) 986-9899

DATE: FEB, 2025	SCALE: 1"=20'
DESIGNED BY: B.J.R.	DRAWN BY: A.R.

PROJECT NO.
25-0349

SHEET
C-003.1

Professional Engineer Seal for B.J. Reganzani, No. 71549, State of Florida. Includes a disclaimer: "This document has been digitally signed and sealed by B.J. Reganzani, P.E. The Seal Code is 71549. The Seal Code is subject to the seal holder's signature and is not a guarantee of the accuracy of any electronic copies."