



LOCATION MAP
N.T.S.

LEGEND

- W PROPOSED WATER METER
- C.O.T.G. 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
- W.M. WATER MAIN
- S.S. SANITARY SEWER MAIN
- S.S. SANITARY SEWER MAIN
- PROPOSED R.P.Z.
- PROPOSED TAPPING SADDLE
- PROPOSED GATE VALVE
- PROPERTY LINE

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 TOWNHOMES (PARCEL A) POMPAÑO BEACH

WATER AND SEWER DEMAND CALCULATIONS
Date: 6/27/2025

The estimated flows were calculated using the Broward County WWS ERU Factors
Equivalent Residential Unit Factors (ERU) for Single Family House (larger than 5/8" meter)
Single Family House (larger than 5/8" meter): 250 GPD per Unit (Ref. Code C02)

ERU PER UNIT OF SFR(LARGER THAN 5/8" METER): EACH UNIT = 2.88
AMOUNT OF UNITS. = 4

Total ERU = 4 X 2.88 = 11.52

| | Demand | Units | Total |
|--------------------------|--------|-------|------------|
| 11.52 ERU | 250 | GPD | 2880.0 |
| Total Average Daily Flow | | | 2880.0 GPD |

Total Average Flow Per Hour 2880 / 24 Hrs. = 120.00 GPH

Max. Flow Per Hour= 120 x 4.0 = 480.00 GPH

REVISIONS:

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| 1. | |
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| 5. | |
| 6. | |
| 7. | |
| 8. | |

CLIENT:

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

PROJECT:

REGANZANI TOWNHOMES
POMPAÑO 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
Fax: (954) 986-6655
Phone: (954) 986-9899

| | |
|------------------------|-------------------|
| DATE: JUNE, 2025 | SCALE: 1"=10' |
| DESIGNED BY: B.J.R. | DRAWN BY: A.R. |
| PROJECT NO. 25-0386 | |
| SHEET C-003 | |

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