

# **121 E. GRANADA CONDOS**

**ZC 21173**

## **WATER & SEWER DEMAND CALCULATIONS**

**April 27, 2023**



**300 Interchange Blvd • Ormond Beach, FL 32174  
386-677-2482 • Fax 386-677-2505**

**Civil Engineering • Transportation • Environmental  
Landscape Architecture • Planning**

**HALUK KILIC, P.E.  
SEAN MEADE, E.I.**



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Project Name: 121 E. GRANADA CONDOS  
Project No.: ZC 21173  
Date: April 27, 2023  
By: SDM  
Description: PROJECTED WATER &  
SEWER FLOWS

### PROJECTED WATER FLOW

USE: CONDOMINIUMS

FLOW PER UNIT: **300 GPD**

PROPOSED UNITS: **24**

DAILY FLOW PER PRACTITIONERS: **7,200 GPD**

AVERAGE DAILY FLOW (ADF) =  
7,200 GPD

= 5.00 GPM

PEAK FLOW = ADF x PEAK FACTOR  
= 28,800 GPD

= 4.00  
= 20.00 GPM

### PROJECTED SEWER FLOW

USE: CONDOMINIUMS

FLOW PER UNIT: **300 GPD**

PROPOSED UNITS: **24**

DAILY FLOW PER PRACTITIONERS: **7,200 GPD**

AVERAGE DAILY FLOW (ADF) =  
7,200 GPD

= 5.00 GPM

PEAK FLOW = ADF x PEAK FACTOR  
= 28,800 GPD

= 4.00  
= 20.00 GPM