| 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 |
| Vacant Land | 184,953 SF | - | 0 | 0 | Apartment | each | 128 | 250 | 32,000 |
| | | | Total | 0 | | | | Total | 32,000 |
| Total Increase in Daily Volume: 32,000 | | | | | | | | | |
| Source: Broward County Code of Ordinances, Chapter 27, Section 27-201 | | | | | | | | | |

N

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

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

**WATER & SEWER CONNECTION 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

CONST. 30"X8" TAPPING SLEEVE AND VALVE W/ ADDITIONAL G.V. FOR TESTING. CONTRACTOR TO VERIFY LOCATION OF EXIST. CITY WM. REFER TO DETAIL SHEET CU-501 (B.S.P. #5)

EXISTING COPB 30" DIP WATER MAIN

CONST. 8" FIRE ONLY METER & BACKFLOW DEVICE. SEE DETAIL SHEET CU-502

CONST. TWO (2) 8"-22.5° BENDS

CONST. 8" DIP FIRE ONLY MAIN

CONST. TWO (2) 8"-45° BENDS

EXISTING COPB SANITARY SEWER GRAVITY MAIN TO BE CUT OUT AND SLEEVED

CONST. 8"X6" TEE AND 6" GATE VALVE

CONST. FIRE DEPARTMENT CONNECTION AND SERVICE

CONST. 8" DIP FIRE ONLY MAIN

EXISTING COPB SANITARY SEWER GRAVITY MAIN TO BE CUT OUT AND SLEEVED

CONST. 8"X6" TEE AND 6" GATE VALVE

CONST. TWO (2) 8"-45° BENDS

EXISTING COPB SANITARY SEWER GRAVITY MAIN TO BE CUT OUT AND SLEEVED

BUILDING #1
F.F.E.: 15.25' NAVD

CONST. 6" DIP FIRE SERVICE AND BFP. SEE DETAIL SHEET CU-501 SEE MEP PLANS FOR CONT. (TYP.)

CONST. 6" DIP FIRE SERVICE AND HYDRANT PER CITY STANDARDS (B.S.P. #1)

CONST. 2" PE DOMESTIC SERVICE. SEE MEP PLANS FOR CONT.

CONST. TWO (2) 8"-45° BENDS

CONST. 4' Ø M.A.S. (1)
RIM EL. = 12.70'
S INV. ELEV. = 9.00' - 8" PVC

CONST. 260 LF - 8" PVC @ 0.4% MIN. SLOPE

CONST. 24 LF - 6" PVC LATERAL @ 1% MIN. SLOPE. & 6" CLEANOUT (TYP.)

CONST. TWO (2) 8"-22.5° BENDS

CONST. 8" DIP FIRE ONLY MAIN

BUILDING #3
F.F.E.: 15.25' NAVD

POWERLINE ROAD (STATE ROAD 809 & 845)

MATCHLINE: REF. SHEET CU-102

AAC
PZ22-12000008
11/01/2022


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 |
|---|---|---|
| | | |

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: | 09/21/2022 |
| DESIGNED BY: | JW |
| DRAWN BY: | FA/NW |
| CHECKED BY: | TD |
| BID-CONTRACT: | |

This item has been digitally signed and sealed by Thomas F. Donahue, P.E. on the date below using a Digital Signature.

THOMAS F. DONAHUE LICENSE No. 60529 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.

2022.09.30 15:57:04-04'00'

THOMAS F. DONAHUE, P.E.
FLORIDA REG. NO. 60529
(FOR THE FIRM)

CLIENT

US GATEWAY INVESTMENTS LLC

PROJECT

GATEWAY LUXURY APARTMENTS
950 N. Powerline Road
Pompano Beach, FL

SHEET TITLE

WATER AND SEWER PLAN

| | |
|---|---|
| SHEET NUMBER | CU-101 |
| PROJECT NUMBER | 12697.00 |

STATUS: PRELIMINARY

Plotted by: fascuntar On 9/30/2022 3:07 PM

Drawing name: T:\12697.00 - Powerline Road Pompano Beach - Multi Family Residence - US Gateway Investments\Engineering\Cad\12697.00-CU-1XX.dwg