

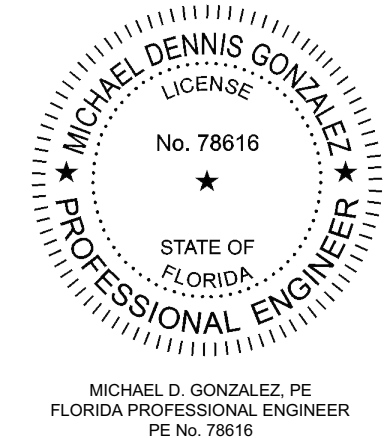
PLAN REVISIONS

DATE

200 NORTH
200 NORTH FEDERAL HIGHWAY
POMPANO BEACH, FL 33062

CMPX LLC
2140 S. DIXIE HIGHWAY, SUITE 308
MIAMI, FL 33133
T: 786.258.0766
WWW.CMPXWORLD.COM

Michael D
Gonzalez
2023.11.10
16:22:07-05'00"

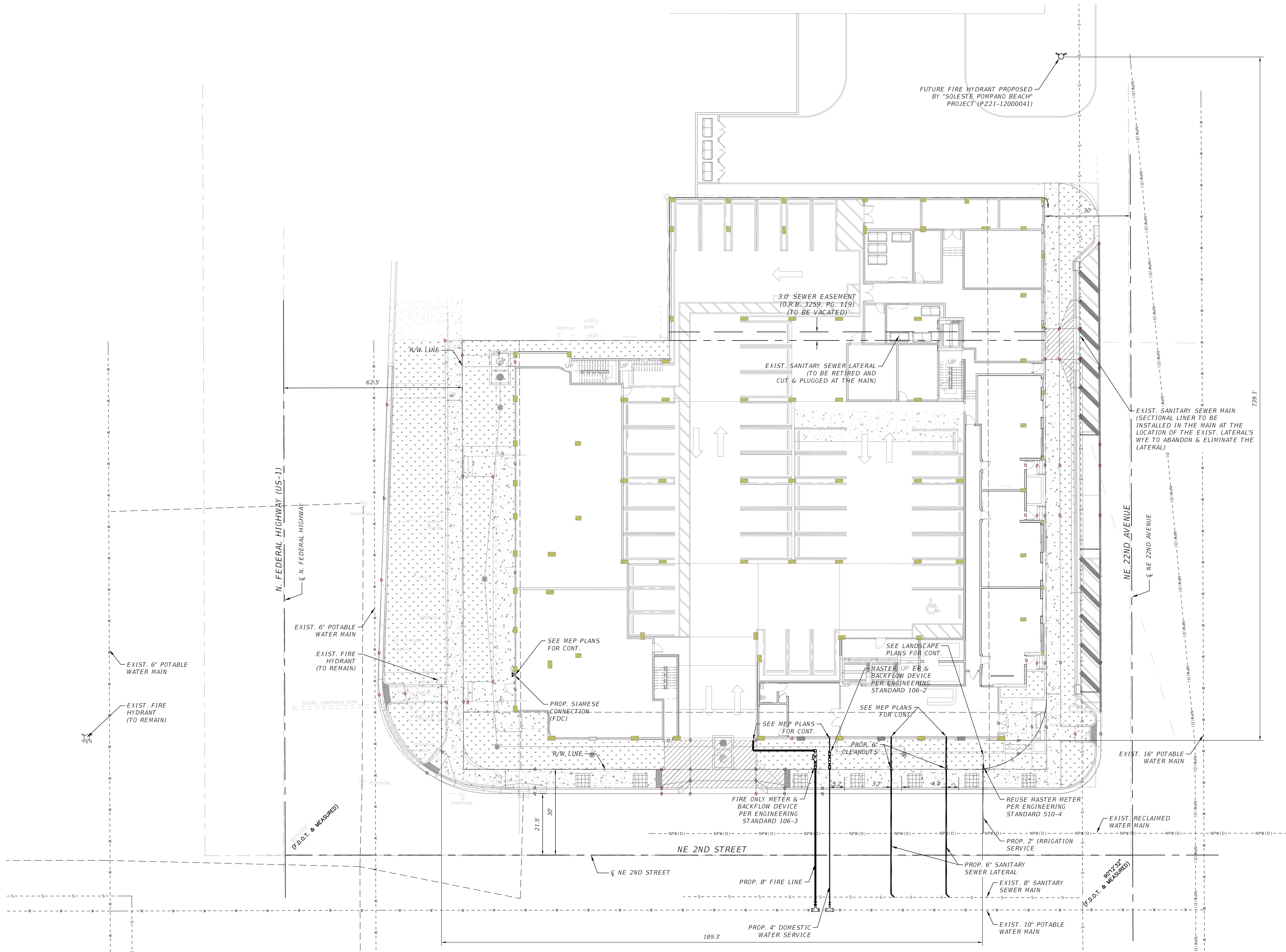


MICHAEL D. GONZALEZ, P.E.
FLORIDA PROFESSIONAL ENGINEER
PE No. 78616

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY
MICHAEL D. GONZALEZ, P.E.
ON THE DATE ADJUNCT TO THE SEAL
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

PRELIMINARY
WATER & SEWER
PLAN

C-2
SHEET 2 OF 5
PZ23-12000052
04/24/2024



W&S GENERAL NOTES:

1. 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.
2. SEWER LATERALS THAT ARE CUT AND CAPPED WILL NEED TO BE AS-BUILT PER THE CITY OF POMPANO BEACH'S ENGINEERING AS-BUILT STANDARDS. HOW TO RETIRE OLD LATERALS.
 - 2.1. IF THE EXISTING MAIN IS CLAY PIPE AND HAS A CIPP LINER CURRENTLY INSTALLED:
 - 2.1.1. INSTALL A SECTIONAL LINER IN THE MAIN OVER THE OLD LATERAL THUS ELIMINATING THE LATERAL.
 - 2.2. IF THE EXISTING MAIN IS CLAY PIPE:
 - 2.2.1. DIG DOWN AND CUT OLD CLAY PIPE, SLEEVE BACK IN WITH PVC AND CITY APPROVED COUPLINGS.
 - 2.3. IF THE EXISTING MAIN IS CLAY PIPE AND YOU ARE REQUIRED TO RETIRE MULTIPLE LATERALS FOR A PROJECT:
 - 2.3.1. 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.
 - 2.4. IF THE EXISTING MAIN IS PVC PIPE:
 - 2.4.1. 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.

TOTAL SITE WATER CONSUMPTION CALCULATIONS:

- 99 RESIDENTIAL UNITS X 141 GPD/UNIT = 13,959 GPD
- 6,216 SF COMMERCIAL X 37 GPD/1,000 SF = 230 GPD
- TOTAL WATER CONSUMPTION = 13,959 + 230 = 14,189 GPD

TOTAL SITE WASTEWATER DISCHARGE CALCULATIONS:

- 99 RESIDENTIAL UNITS X 100 GPD/UNIT = 9,900 GPD
- 6,216 SF COMMERCIAL X 30 GPD/1,000 SF = 187 GPD
- TOTAL WATER CONSUMPTION = 9,900 + 187 = 10,087 GPD