

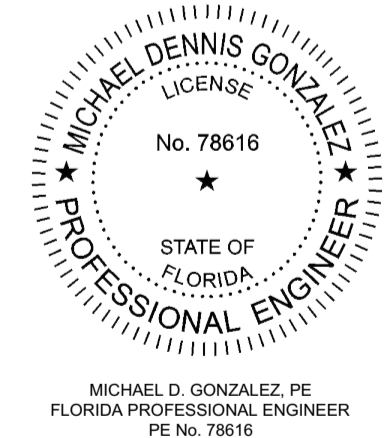
PLAN REVISIONS

DATE

200 NORTH
200 NORTH FEDERAL HIGHWAY
POMPANO BEACH, FL 33062

CMPLX LLC
2140 S. DIXIE HIGHWAY, SUITE 308
MIAMI, FL 33133
T: 786 256 0766
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Michael D
Gonzalez
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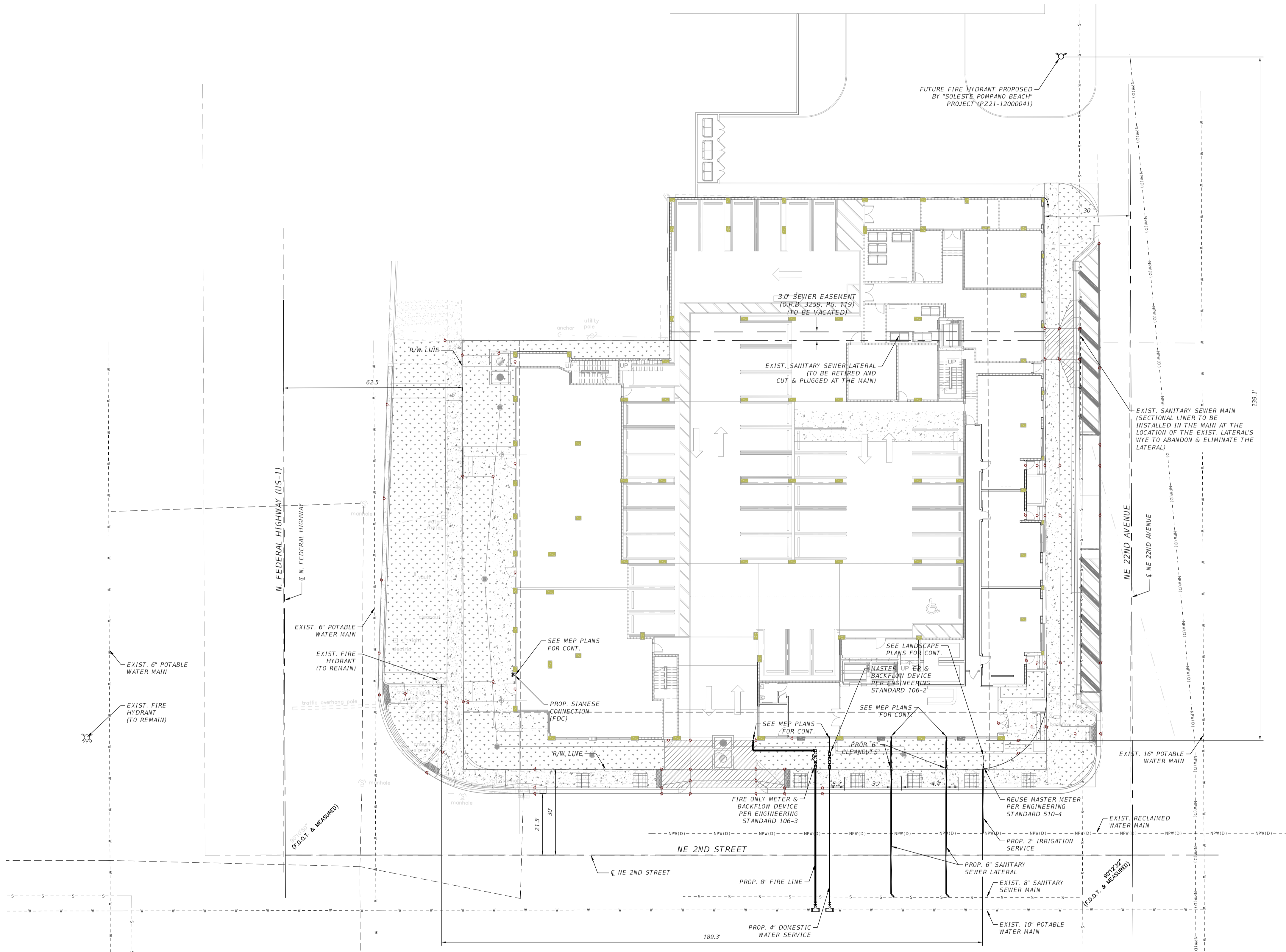
MICHAEL D. GONZALEZ, P.E.
FLORIDA PROFESSIONAL ENGINEER
PE No. 78616

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MICHAEL D. GONZALEZ, P.E.
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PRELIMINARY
WATER & SEWER
PLAN

C-2

SHEET 2 OF 5



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

AAC
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04/02/2024