OWNER

8300 INVEST LLC

8330 NW 58TH STREET
DORAL, FLORIDA 33166
(305) 513-4501

MEDITERRANEA CENTRE II

A FLEX SPACE BUILDING
AT
8335 NW 56TH STREET
DORAL, FLORIDA

WATER AND SEWER SYSTEMS

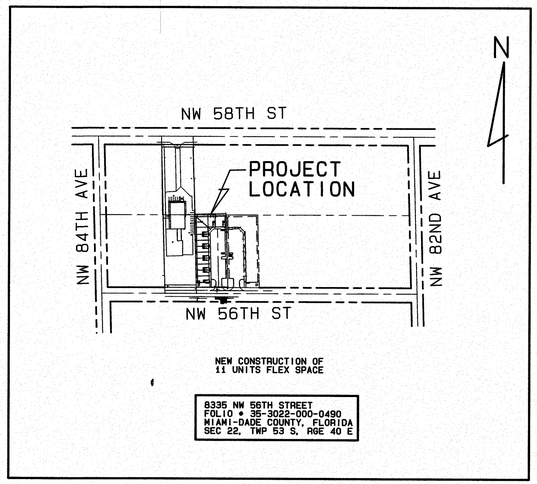
ENGINEERS:

FLAGLER 113 LLC
CIVIL ENGINEERS

8550 W. FLAGLER STREET, SUITE 113
MIAMI, FLORIDA 33144
TEL (305) 551-6267
FAX (305) 551-4542

LIST OF DRAWINGS:

CWS-0 WATER AND SEWER COVER SHEET
CWS-1 SITE UTILITIES PLAN
CWS-2 WATER AND SEWER PROFILES



LOCATION SKETCH

SCALE: 1" = 300'

LEGAL DESCRIPTION

THE EAST 132.20 FEET OF THE WEST 528.80 FEET OF THE SOUTH 1/2 OF THE NORTH 1/2 OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 22, TOWNSHIP 53 SOUTH, RANGE 40 EAST, LESS THE SOUTH 25 FEET THEREOF, LYING AND BEING IN MIAMI-DADE COUNTY, FLORIDA, ALSO KNOWN AS TRACT 17, BLOCK 2, OF HAMPTON ACRES, UNRECORDED PLAT.

HRS NOTES:

(NOT PART OF M-DWASAD NOTES NOR APPROVAL

HEALTH DEPARTMENT NOTES
(NOT A PART OF M-DWASD NOTES NOR APPROVAL)

WATER MAIN HORIZONTAL SEPARATIONS

SEPARATIONS SHALL BE MEASURED OUTSIDE EDGE TO OUTSIDE EDGE BETWEEN WATER MAINS AND, STORM SEWERS, STORMWATER FORCE MAINS, OR RECLAIMED WATER LINES, SHALL BE 3 FEET MINIMUM.

BETWEEN WATER MAINS AND VACUUM TYPE SEWERS PREFERABLY 10 FEET AND AT LEAST 3 FEET MINIMUM.

GRAVITY OR PRESSURE SANITARY SEWERS, WASTEWATER FORCE MAINS OR RECLAIMED WATER PREFERABLY 10 FEET AND AT LEAST 6 FEET MAY BE REDUCED TO 3 FEET WHERE BOTTOM OF WATER MAIN IS AT LEAST 6 INCHES ABOVE TOP OF SEWER.

10 FEET TO ANY PART OF ON-SITE SEWER TREATMENT OR DISPOSAL SYSTEM.

WATER MAIN VERTICAL SEPARATIONS

SEPARATIONS BETWEEN WATER MAINS AND GRAVITY SEWER, VACUUM TYPE SEWER, OR STORM SEWERS, TO BE PREFERABLY 12 INCHES, OR AT LEAST 6 INCHES ABOVE, OR AT LEAST 12 INCHES IF BELOW.*

PRESSURE SANITARY SEWER, WASTEWATER OR STORM WATER FORCE MAIN, OR RECLAIMED WATER, AT LEAST 12 INCHES ABOVE OR BELOW.*

* NOTE: CENTER 1-FULL LENGHT OF WATER MAIN PIPE AT CROSSINGS; ALTERNATIVELY ARRANGE PIPES SO JOINTS ARE AT LEAST 3 FEET FROM JOINTS IN VACUUM, STORM OR STORM FORCE MAINS, AT LEAST 6 FEET FROM JOINTS IN GRAVITY OR PRESSURE SEWERS, WASTEWATER FORCE MAINS OR RECLAIMED WATER.

M-DWASD NOTES:

FOR ALL PROJECTS WHERE REMOVAL OF UTILITY LINES IS PROPOSED

1. All existing utilities being removed and/or relocated must remain active and in service, until such time when new replacing utilities have been installed, in service, accepted by the Department and all related services from the existing mains have been transferred to the new ones, by a licensed contractor under the supervision of WASD licensed operator and WASD donations inspector under scope and jurisdiction of the contractor's Right-of-Way permit.

2. All Water and/or sewer facilities located in private property shall be removed after all installed services from them have been transferred to the already installed and in service mains. Any associated exclusive easements shall be closed and released after the removal of the existing water and/or sewer facilities.

3. M-DWASD does not process partial release of an existing easement. A release of the whole easement should be done and then a new easement for the remaining portion and/or any additional portions should be recorded.

NOTE:
The following activities on existing water services and/or existing water mains such as:

- cut and plug
- water main offsets
- interconnections
- service installations/retirements/service transfer
- hydrant installations/retirements/relocations
- any work that may affect the quality and/or quantity of WASD'S water, transmission and distribution system

shall be performed by a licenced contractor under the supervision of WASD licensed operator and WASD donations inspector under the scope and jurisdiction of the contractor's right of way permit. Prior to any work being done, the licensed contractor shall coordinate with WASD donations inspector for the scheduling of licensed operator to be present for the proposed activity.

Note: All elevations refer to N.G.V.D. 1929 Datum.

GENERAL NOTES:

(NOT PART OF M-DWASAD NOTES NOR APPROVAL)

1. THESE PLANS HAVE BEEN PREPARED WITH THE BEST INFORMATION AVAILABLE TO THE ENGINEER. CONTRACTOR MUST VERIFY ALL EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION. IF ANY DISCREPANCIES ARE ENCOUNTERED TO THE EXTENT THAT A "FIELD REVISION" IS REQUIRED ENGINEER MUST BE NOTIFIED IMMEDIATELY.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL EXISTING IMPROVEMENTS DURING CONSTRUCTION. IF ANY DAMAGE OCCOURS AS A RESULT OF THE CONSTRUCTION ACTIVITIES CONTRACTOR SHALL RESTORE SUCH IMPROVEMENTS TO IDENTICAL LINE, GRADE, ESTHETICAL AND STRUCTURAL CONDITIONS AS THEY WERE PRIOR TO BEGINNING OF CONSTRUCTION.
3. CONTRACTOR SHALL COORDINATE ALL MAINTENANCE OF TRAFFIC DURING CONSTRUCTION WITH CITY OF MIAMI PUBLIC WORKS DEPARTMENT OR F.D.O.T. (IF APPLICABLE) AND SHALL MEET ALL THE REQUIREMENTS OF THE STATE OF FLORIDA'S "MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTIONS".
4. CONTRACTOR IS RESPONSIBLE TO FURNISH ALL NECESSARY SIGNS, PAVEMENT MARKINGS, BARRICADES AND TEMPORARY PAVEMENT (IF NECESSARY) AS REQUIRED TO PROPERLY MAINTAIN TRAFFIC DURING CONSTRUCTION.
5. ALL ELEVATIONS REFER TO N.G.V.D. 1929 DATUM.
6. ALL SURVEY AND TOPOGRAPHICAL INFORMATION BASED ON SURVEY PREPARED BY Royal Point Land Surveyors.
7. RESTORATION AS PER R21.1 DADE COUNTY PUBLIC WORK MANUAL.
8. SITE CONTRACTOR MUST COORDINATE WITH PLUMBING CONTRACTOR FOR EXACT LOCATION OF WATER AND SEWER SERVICES ENTERING BUILDING PRIOR TO CONSTRUCTION. FOR SERVICES LOCATION RELATIVE TO BUILDING SEE PLUMBING DRAWINGS.

NOTE:
ALL PROP WATER & FORCE MAINS AND FITTINGS TO BE RESTRAINED PER GS 2.0

ALL WATER MAIN, WASTEWATER AND STORM SEWER CROSSINGS, SEPARATION AND CONFLICTS SHALL COMPLY WITH GS 1.5

METERS WILL NOT BE INSTALLED IF THE METER BOX IS LOCATED ON A DRIVING SURFACE

SALTWATER INTRUSION AEA, ALL PROP DIP PIPES AND FITTINGS TO BE ZINC COATED AND HAVE POLYETHYLENE ENCASEEMENT PE RM-DWASD DETAIL A 9.0

RODOLFO J. VARGAS
LICENSE
No. 35648
STATE OF FLORIDA
PROFESSIONAL ENGINEER

10/27/23

RODOLFO J. VARGAS
PE # 35648

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RODOLFO J. VARGAS, PE ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

AGMT #

dated: May 30, 2024
cad ref: 40047-16

CWS-0