

**MIAMI-DADE COUNTY****DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES**<http://www.miamidade.gov/building/home.asp>

1/26/2026 2:58:07 PM

| Tracking # | Process #   | Permit #   |
|------------|-------------|------------|
| 2025016961 | M2025016961 | 2026022201 |

| THIS COPY OF PLANS MUST BE AVAILABLE ON BUILDING SITE OR AN INSPECTION WILL NOT BE MADE. |                                                          |             |                            |            |
|------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------|----------------------------|------------|
| Process #                                                                                | Review                                                   | Disposition | Reviewer                   | Date       |
| M2025016961                                                                              | DEPT OF HEALTH                                           | A           | HERNANDEZ, JESUS           | 1/26/2026  |
| M2025016961                                                                              | DERM CORE                                                | A           | SARDINA, YALENYS           | 6/12/2025  |
| M2025016961                                                                              | DERM ONSITE<br>SEWAGE TREATMENT<br>& DISPOSAL<br>SYSTEMS | A           | HERNANDEZ ACOSTA,<br>JESUS | 10/11/2025 |
| M2025016961                                                                              | DERM PAVING &<br>DRAINAGE                                | A           | VARELA, IRENE              | 6/4/2025   |
| M2025016961                                                                              | IMPACT FEES                                              | N           | ALZIN, NOURA               | 6/27/2025  |
| M2025016961                                                                              | UPFRONT FEES                                             | A           | WEB APPLICATION<br>ID      | 6/2/2025   |
| M2025016961                                                                              | WASA                                                     | A           | CHICA, HAROLD              | 6/11/2025  |

**Disclaimer.**

Subject to compliance with all Federal, State, and County Laws, rules and regulations.  
Miami-Dade County assumes no responsibility for accuracy of or results of these plans.

**NOTICE:** In addition to the requirements of this permit, there may be additional restrictions applicable to the property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies or federal agencies.

| Stamp Name  | Trade | Disposition | Stamp Description |
|-------------|-------|-------------|-------------------|
| Approved    | DPAD  | A           | Approved          |
| Approved    | HRS   | A           | Approved          |
| Approved    | OTDS  | A           | Approved          |
| Disapproved | OTDS  | D           | Disapproved       |
| Void        | OTDS  | V           | Void              |

## VERIFICATION FORM

|       |                     |                 |                        |
|-------|---------------------|-----------------|------------------------|
| DATE: | June 11, 2025       | BLDG PROCESS #: | M2025016961            |
| VF#   | 25-2017-L-VF - 4017 | INVOICE(S)#:    | N00173290<br>N00173290 |

THIS FORM EXPIRES ONE YEAR FROM THE DATE ON THE FORM

|                                        |                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| PROJECT NAME:                          | HERRERA RESIDENCE - 6825 SW 132 ST - M2025016961                                                                                              |
| PROJECT/AGREEMENT NUMBER:              | 2017                                                                                                                                          |
| PROJECT DESCRIPTION:                   | NEW 9,523 SQ FT TWO-STORY SINGLE-FAMILY RESIDENCE ON SEPTIC AS PER PLANS REPLACING 7,148 SQ FT SINGLE FAMILY RESIDENCE AS PER VF # 201761714. |
| IS THIS AN AFFORDABLE HOUSING PROJECT? | No                                                                                                                                            |

| Folio           | Address                           | Zip Code         | Lot      | Block              | Proposed sq. ft. | Previous sq. ft. |
|-----------------|-----------------------------------|------------------|----------|--------------------|------------------|------------------|
| 2050140000761   | 6825 SW 132 ST                    | 33156            | M        | B                  | 9,523            | 7,148            |
| Connection Type | Reason for Connection Information | Critical Habitat | Wetlands | Affordable Housing | SIR Inspection # |                  |
| Water           | New Construction                  | No               | No       | No                 | N/A              |                  |

THIS VERIFICATION LETTER CERTIFIES THAT AVAILABILITY OF A WATER AND/OR SEWER MAIN ONLY, AND IT DOES NOT GUARANTEE THE EXISTENCE OF A WATER SERVICE LINE, FIRE LINE OR OF A SEWER LATERAL WITH SUFFICIENT DEPTH TO SERVE THE PROPERTY. FOR ADDITIONAL INFORMATION EMAIL [NEWBUSINESSSUPVLIST@MIAMIDADE.GOV](mailto:NEWBUSINESSSUPVLIST@MIAMIDADE.GOV). SHOULD IT BECOME NECESSARY TO INSTALL A SERVICE LINE AND/OR A SEWER LATERAL MDWASD REQUIRES THAT THE DEVELOPER RETAINS SERVICES FROM DESIGNERS AND CONTRACTORS WITH SKILL SETS FOR DESIGNING, BUILDING, AND CONNECTING TO PUBLIC WATER AND SEWER SYSTEMS. A WATER AND/OR SEWER AGREEMENT MAY BE REQUIRED. **AN INSPECTION FOR ANY EXISTING SERVICES WILL BE PROCESSED WITH THIS FORM, AND A SERVICE UPGRADE MAY BE REQUIRED WHICH MAY TAKE UP TO 12 WEEKS.**

THIS IS TO CERTIFY THAT THE MIAMI-DADE WATER AND SEWER DEPARTMENT **DOES HAVE** A(N) 8 INCH WATER MAIN AND/OR **DOES NOT HAVE** A(N) INCH GRAVITY SEWER MAIN ABUTTING THE SUBJECT PROPERTY.

| Proposed Use                                  | Square Footage/ # Units | Water Gallons Per Day | Sewer Gallons Per Day |
|-----------------------------------------------|-------------------------|-----------------------|-----------------------|
| SFR more than 5000 sqft (510 gpd/unit)        | 1                       | 510                   | 0                     |
| Previous Use                                  | Square Footage/ # Units | Water Gallons Per Day | Sewer Gallons Per Day |
| 2010 - SFR more than 5000 sqft (550 gpd/unit) | 1                       | 550                   | 0                     |

| Water Service Area                                                  | WASD Water | Sewer Service Area      | WASD Sewer |
|---------------------------------------------------------------------|------------|-------------------------|------------|
| Net Water GPD                                                       | - 40       | Net Sewer GPD           | 0          |
| Net Water Cost (\$)                                                 | \$ 0.00    | Net Sewer Cost (\$)     | \$ 0.00    |
| Water Basin Charge (\$)                                             | No         | Sewer Basin Charge (\$) | No         |
| Total Connection Charges (\$)                                       |            |                         | \$ 0.00    |
| Total Construction Connection Charges (\$) (accrues interest daily) |            |                         | \$ 0.00    |
| Construction Connection Charges Status                              |            |                         | N/A        |

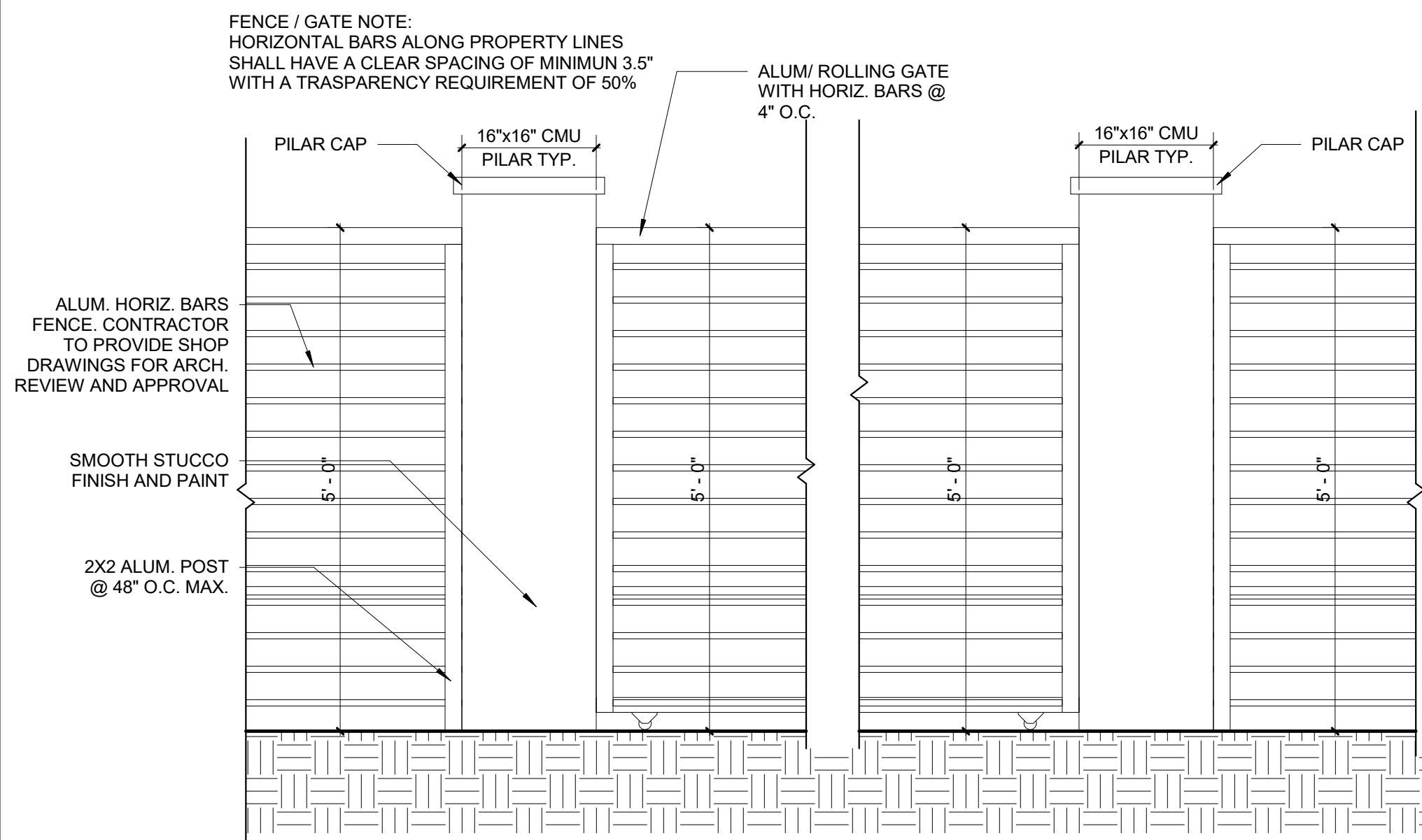
WE ARE WILLING TO SERVE THE SUBJECT PROPERTY, SUBJECT TO PROHIBITIONS, OR RESTRICTIONS OF GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER MATTERS OF THE ANTICIPATED DAILY WATER AND/OR SEWAGE FLOW FOR THIS PROJECT WHICH WILL BE THE NUMBER OF GALLONS PER DAY INCREASE STATED ABOVE. IF **"WILL HAVE"**, UPON PROPER CONVEYANCE AND PLACEMENT INTO SERVICE OF WATER AND/OR SEWER FACILITIES BY THE DEVELOPER UNDER AGREEMENT IF APPLICABLE WITH THE DEPARTMENT. **FURTHERMORE, APPROVAL OF ALL SEWAGE FLOWS INTO THE DEPARTMENT'S SYSTEM MUST BE OBTAINED FROM D.E.R.M. SUBJECT TO RER'S TERMS AND CONDITIONS SET FORTH IN THE CONSENT DECREE (CASE NO. 1:12-CV-24400-FAM) OR DOH ONSITE SEWER TREATMENT & DISPOSAL SYSTEM RULES & STATUES.**

| Fixed Fee Item                              | Price (\$) | Total Quantity | Total Fees (\$) |
|---------------------------------------------|------------|----------------|-----------------|
| Verification Form - Residential (R-A) Water | 30         | 1.00           | 30.00           |
| Total Fixed Fee                             |            |                | \$ 30.00        |
| Verification Form Total (\$)                |            |                | \$ 30.00        |
| Connection Charges Paid?                    |            |                | No              |

COMMENTS: Refunds are based on the payment date and are subject to State Statute 95-11. Some fees are not refundable.

|                              |                                   |
|------------------------------|-----------------------------------|
| CUSTOMER NAME: EUGENE WOLMAN | CUSTOMER PHONE:                   |
| Prepare by: Saray Calas      | Approved by: Jacqueline Rodriguez |
| Printed Name of Reviewer     | Printed Name of Supervisor        |





SELF LATCHING DEVICE

2"x2" ALUM. TOP RAIL

2"x2" ALUM. POST @ 4'-0" O.C. MAX.

2"x1" ALUM. BOTT. RAIL

ALUM. PICKET FENCE / GATE CONTRACTOR TO SUBMIT SHOP DWGS. FOR ARCHITECT REVIEW / APPROVAL

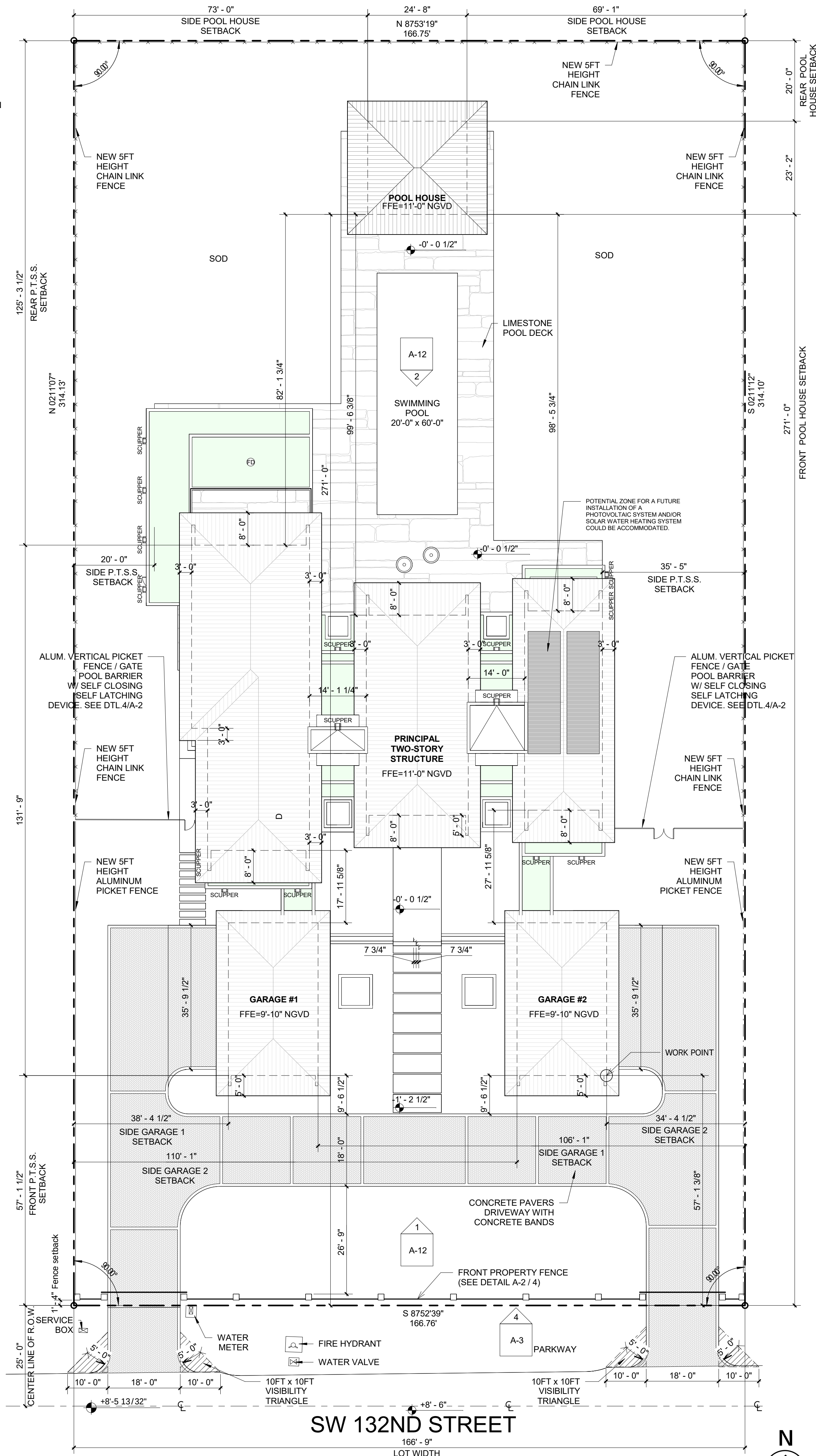
3/4"x3/4" ALUM. PICKETS @ 4" O.C. MAX. TO REJECT A 4" DIA. OBJECT.

5' 0"

FINISH GRADE

Miami Dade County Department of Regulatory and Economic Resources - Job Copy  
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A-2.pdf

| DESCRIPTION           |                         | ALLOW / REQ. | AREA PROVIDED | % | REMARKS |
|-----------------------|-------------------------|--------------|---------------|---|---------|
| A/C LIVING AREA       | 1ST FL. A/C LIVING AREA |              | 6,005.31 SF   |   |         |
|                       | 2ND FL A/C LIVING AREA  |              | 3,518.17 SF   |   |         |
| TOTAL A/C AREA        |                         |              | 9,523.48 SF   |   |         |
| NON A/C               | GARAGES                 |              | 1,706.67 SF   |   |         |
|                       | WALKWAY TO GARAGES      |              | 445.39 SF     |   |         |
|                       | COVERED ENTRANCE        |              | 63.73 SF      |   |         |
|                       | COVERED TERRACE         |              | 1,335.81 SF   |   |         |
| TOTAL NON A/C AREA    |                         |              | 3,551.6 SF    |   |         |
| TOTAL AREA UNDER ROOF |                         |              | 13,075.08 SF  |   |         |



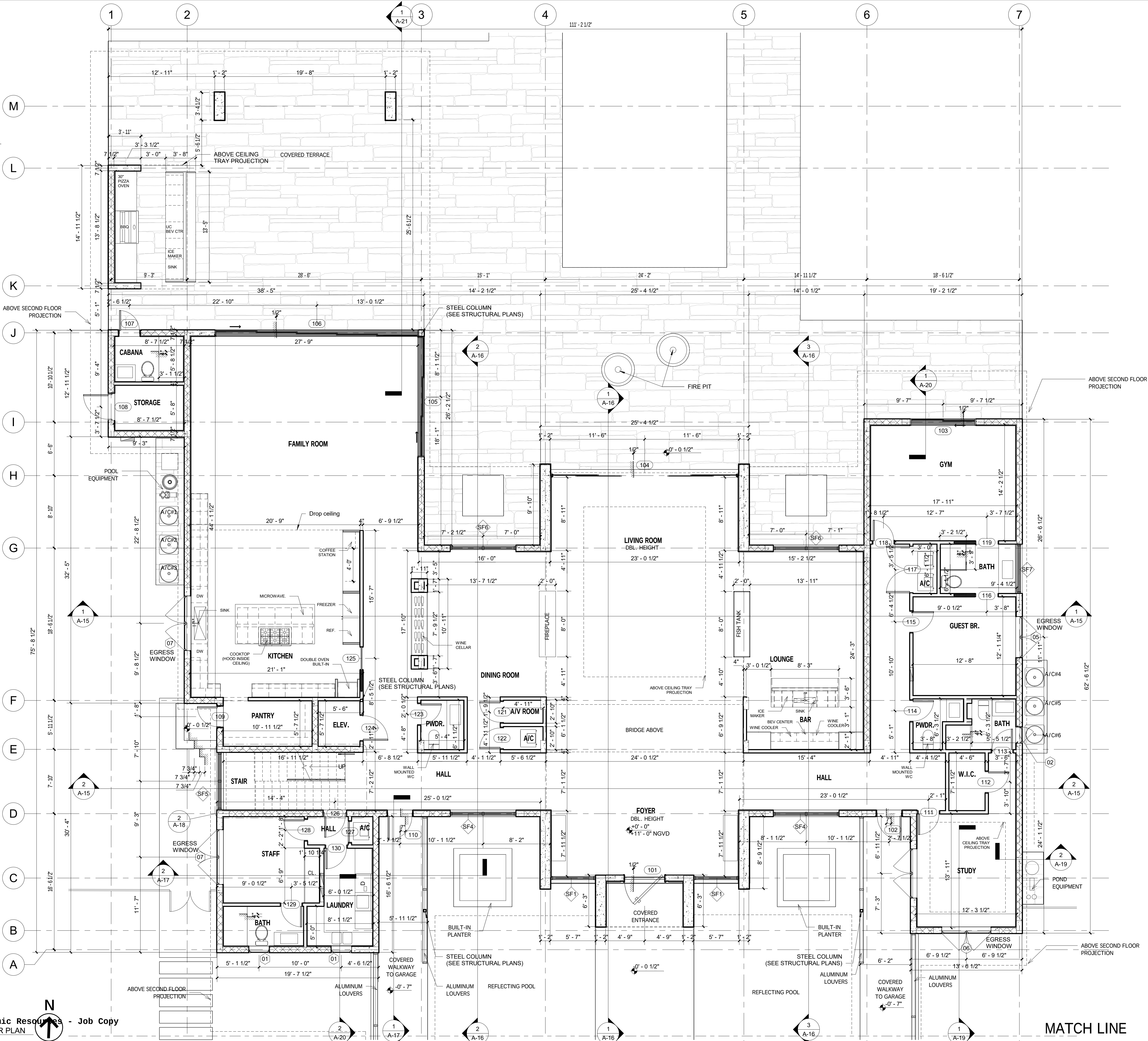
COPYRIGHT BALLI-TRAUTMAN ARCHITECTS,  
LLC  
1533 SUNSET DRIVE SUITE 101, CORAL GABLES  
FL 33143

NOTE:  
INTERIOR FINISHES THAT EMIT LOW/NO LEVELS OF VOLATILE ORGANIC COMPOUNDS (VOC) - SITE-APPLIED FINISHES, INCLUDING, PAINTS, STAINS AND VARNISHES, SHALL MEET SPECIFIED VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS LIMITS IN ACCORDANCE WITH GREENGUARD ENVIRONMENTAL INSTITUTE GGPS.001 STANDARD FOR BUILDING MATERIALS AND FINISHES, OR GREEN SEAL® STANDARDS.

EXTERIOR DOORS AND WINDOWS NOTE:  
-ALL EXTERIOR DOORS AND WINDOWS SHALL BE MIAMI DADE NOA IMPACT RESISTANT.  
-CONTRACTOR TO PROVIDE SHOP DRAWINGS / NOAs FOR ABOVE APPROVAL.  
-CONTRACTOR TO FIELD VERIFY MASONRY OPENING BEFORE PLACING ORDERS  
-SEPARATE PERMIT REQUIRED FOR ALL EXTERIOR DOORS AND WINDOWS.  
-ALL GLASS ON EXTERIOR DOORS AND WINDOWS ARE SHGC=0.41 U FACTOR=0.98  
EXCEPT ON MASTER BEDROOM/BATH/SITTING SHALL BE SHGC=0.32 U FACTOR=0.49

FLOOR PLAN NOTES

- ANY CHANGE OF INTERIOR FINISHES BY OWNER/G.C. SHALL BE COORDINATE W/ THE ARCHITECT.
- INTERIOR PARTITION OF 3 5/8" x 5/8" METAL STUDS @ 24" O.C. REFER TO FLOOR PLAN FOR DIM./LOCATION.
- PROVIDE M.R./G.W.B. ON WET WALLS ONLY.
- BATH DOORS SHALL BE OPERABLE FROM OUTSIDE IN EMERGENCY SITUATIONS.
- CLOSET DOORS SHALL BE OPERABLE BY CHILDREN FROM INSIDE.
- GLASS OR MIRRORS IMMEDIATELY SURROUNDING A BATHTUB OR SHOWER ENCLOSURE SHALL BE SAFETY GLAZING WHERE THE GLASS OR MIRRORS ARE LESS THAN 60 INCHES (1.5 M) ABOVE THE FLOOR OF THE TUB OR THE SHOWER.
- SHOWER COMPARTMENTS SHALL HAVE FLOORS AND WALLS CONSTRUCTED OF SMOOTH, CORROSION RESISTANT AND NONABSORBENT WATER-RESISTANT MATERIALS TO A HEIGHT OF NOT LESS THAN 72 INCHES (6'-0") ABOVE THE COMPARTMENT FLOOR AT THE DRAIN.
- ALL WINDOWS AT BEDROOMS SHALL BE "EGRESS" TYPE, U.O.N. THE EGRESS WINDOW SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF TOOLS AND PROVIDING A CLEAR OPENING OF NOT LESS THAN 20" IN WIDTH, 24" IN HEIGHT, AND 5.7 SQ.FT. IN AREA. THE BOTTOM OF THE OPENING SHALL NOT BE MORE THAN 44" OFF THE FLOOR. THE MODE OF OPERATION DOES NOT REQUIRE THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE, OR EFFORT TO MAKE AVAILABLE THE REQUIRED CLEAR OPENINGS, AND NO PART OF THE MECHANISM SHALL BE PLACED HIGHER THAN 54" ABOVE THE FINISHED FLOOR.



HERRERA  
RESIDENCE

6825 SW 132nd St,  
Pinecrest, FL 33156.  
SEAL

David  
Scott  
Trautman

Digitally signed  
by David Scott  
Trautman  
Date: 2025.05.20  
11:25:36 -04'00'

BALLI-TRAUTMAN ARCHITECTS LLC -AA26002968  
GIORGIO LUIGI BALLI -AR13951  
DAVID SCOTT TRAUTMAN -AR15045

| REVISIONS |      |      |
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PERMIT SET



JOB NUMBER: HERRERA  
CHECKED BY: GB  
ISSUE DATE: 05/16/2025  
SCALE: AS NOTED

SHEET TITLE

GROUND FLOOR  
PLAN

SHEET NUMBER

A-4

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LLC  
1533 SUNSET DRIVE SUITE 101, CORAL GABLES,  
FL 33143

**NOTE:**  
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**HERRERA  
RESIDENCE**

6825 SW 132nd St,  
Pinecrest, FL 33156.

SEAL

David Scott Trautman  
Digitally signed by David Scott Trautman  
Date: 2025.05.20 11:26:35 -04'00'

BALLI-TRAUTMAN ARCHITECTS LLC -AA26002968

GIORGIO LUIGI BALLI -AR13951  
DAVID SCOTT TRAUTMAN -AR15045

**REVISIONS**

| NO. | DESC | DATE |
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**PERMIT SET**



JOB NUMBER: HERRERA  
CHECKED BY: GB  
ISSUE DATE: 05/16/2025  
SCALE: AS NOTED

SHEET TITLE

**SECOND FLOOR  
PLAN**

SHEET NUMBER

**A-6**





STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
ONSITE SEWAGE TREATMENT AND DISPOSAL  
SYSTEM (OSTDS)

PERMIT NO. \_\_\_\_\_  
DATE PAID: \_\_\_\_\_  
FEE PAID: \_\_\_\_\_  
RECEIPT #: \_\_\_\_\_

## APPLICATION FOR CONSTRUCTION PERMIT

## APPLICATION FOR:

[ x ] New System [ ] Existing System [ ] Holding Tank [ ] Innovative  
[ ] Repair [ ] Abandonment [ ] Temporary [ ] \_\_\_\_\_

APPLICANT: ISMAR HERRERA

EMAIL: DILLON@DSS-ENG.COM

AGENT: DSS ENGINEERING, LLC

TELEPHONE: 305-773-0258

MAILING ADDRESS: 1389 SW 90TH AVE, MIAMI FL 33174

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

## PROPERTY INFORMATION

OSTDS REMEDIATION PLAN? [ Y / N ]

LOT: \_\_\_\_\_ BLOCK: \_\_\_\_\_ SUBDIVISION: \_\_\_\_\_ PLATTED: \_\_\_\_\_

PROPERTY ID #: 20-5014-000-0761 ZONING: EU-1 I/M OR EQUIVALENT: [ Y / N ]

PROPERTY SIZE: 1.20 ACRES WATER SUPPLY: [ ] PRIVATE PUBLIC [ ] &lt;=2000GPD [ x ] &gt;2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [ Y / N ] DISTANCE TO SEWER: \_\_\_\_\_ FT

PROPERTY ADDRESS: 6825 SW 132ND STREET, MIAMI FL 33156

DIRECTIONS TO PROPERTY: NORTHBOUND ALONG SW 67TH AVE, LEFT TURN ON 132ND STREET.

REFER TO ST-01 PLAN SHEET FOR PROPERTY LEGAL DESCRIPTION.

## BUILDING INFORMATION

[ x ] RESIDENTIAL

[ ] COMMERCIAL

| Unit No. | Type of Establishment | No. of Bedrooms | Building Area Sqft | Commercial/Institutional System Design Table I, Chapter 62-6, FAC |
|----------|-----------------------|-----------------|--------------------|-------------------------------------------------------------------|
| 1        | SFR                   | 6               | 9,523              |                                                                   |
| 2        |                       |                 |                    |                                                                   |
| 3        |                       |                 |                    |                                                                   |
| 4        |                       |                 |                    |                                                                   |

[ ] Floor/Equipment Drains [ ] Other (Specify) \_\_\_\_\_

Miami Dade County Department of Regulatory and Economic Resources - Job Copy

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DATE: 8/4/25

DEP4015 - Page 1 System 2-9-2-2025.pdf

Examiner: HERNANDEZ, JESUS Date Time Stamp: 11/5/2025 1:03:56 PM Trade Stamp Name: HRS Approved

HERNANDEZ, ACOSTA, JESUS 10/11/2025 11:20:03 AM OTDS Approved



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
ONSITE SEWAGE TREATMENT AND DISPOSAL  
SYSTEM (OSTDS)

PERMIT NO. \_\_\_\_\_  
DATE PAID: \_\_\_\_\_  
FEE PAID: \_\_\_\_\_  
RECEIPT #: \_\_\_\_\_

## APPLICATION FOR CONSTRUCTION PERMIT

## APPLICATION FOR:

[ x ] New System [ ] Existing System [ ] Holding Tank [ ] Innovative  
[ ] Repair [ ] Abandonment [ ] Temporary [ ] \_\_\_\_\_

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EMAIL: DILLON@DSS-ENG.COM

AGENT: DSS ENGINEERING, LLC

TELEPHONE: 305-773-0258

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LOT: \_\_\_\_\_ BLOCK: \_\_\_\_\_ SUBDIVISION: \_\_\_\_\_ PLATTED: \_\_\_\_\_

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[ x ] RESIDENTIAL

[ ] COMMERCIAL

| Unit No. | Type of Establishment | No. of Bedrooms | Building Area Sqft | Commercial/Institutional System Design Table I, Chapter 62-6, FAC |
|----------|-----------------------|-----------------|--------------------|-------------------------------------------------------------------|
| 1        | SFR                   | 6               | 9,523              |                                                                   |
| 2        |                       |                 |                    |                                                                   |
| 3        |                       |                 |                    |                                                                   |
| 4        |                       |                 |                    |                                                                   |

[ ] Floor/Equipment Drains [ ] Other (Specify) \_\_\_\_\_

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DATE: 8/4/25

DEP4015 - Page 1 System 1-9-2-2025.pdf

Examiner: HERNANDEZ, JESUS Date Time Stamp: 11/5/2025 1:03:23 PM Trade Stamp Name: HRS Approved  
HERNANDEZ, ACOSTA, JESUS 11/5/2025 11:19:55 AM OTDS Approved



STATE OF FLORIDA  
DEPARTMENT OF HEALTH  
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM  
SITE EVALUATION AND SYSTEM SPECIFICATIONS

PERMIT #. \_\_\_\_\_

APPLICANT: ISMAEL HERRERA AGENT: DILLON SWIDERSKI, PE

LOT: \_\_\_\_\_ BLOCK: \_\_\_\_\_ SUBDIVISION: \_\_\_\_\_

PROPERTY ID #: 20-5014-000-0761 [Section/Township/Parcel No. or Tax ID Number]

TO BE COMPLETED BY ENGINEER, HEALTH DEPARTMENT EMPLOYEE, OR OTHER QUALIFIED PERSON. ENGINEERS MUST PROVIDE REGISTRATION NUMBER AND SIGN AND SEAL EACH PAGE OF SUBMITTAL. COMPLETE ALL ITEMS.

PROPERTY SIZE CONFORMS TO SITE PLAN: ☒ YES ☐ NO NET USABLE AREA AVAILABLE: 1.298 ACRES  
TOTAL ESTIMATED SEWAGE FLOW: 470 of 940 GALLONS PER DAY [RESIDENCES-TABLE 1/OTHER-TABLE 2]  
AUTHORIZED SEWAGE FLOW: 3,000 GALLONS PER DAY [1500 GPD/ACRE OR 2500 GPD/ACRE]  
UNOBSTRUCTED AREA AVAILABLE: 400 of 784 SQFT UNOBSTRUCTED AREA REQUIRED: 784 total SQFT

BENCHMARK/REFERENCE POINT LOCATION: BENCHMARK/REFERENCE ELEV. 8.45 NGVD LOCATED ALONG SW 132ND ST ROADWAY CENTERLINE  
ELEVATION OF PROPOSED SYSTEM SITE IS 1.8" [INCHES/FT] [ABOVE/BELOW] BENCHMARK/REFERENCE POINT

THE MINIMUM SETBACK WHICH CAN BE MAINTAINED FROM THE PROPOSED SYSTEM TO THE FOLLOWING FEATURES  
SURFACE WATER: +/- 700 FT DITCHES/SWALES: 20 FT NORMALLY WET? ☐ YES ☒ NO  
WELLS: PUBLIC: N/A FT LIMITED USE: N/A FT PRIVATE: N/A FT NON-POTABLE: N/A FT  
BUILDING FOUNDATIONS: 5 FT PROPERTY LINES: 5 FT POTABLE WATER LINES: 110 FT

SITE SUBJECT TO FREQUENT FLOODING: ☐ YES ☒ NO 10 YEAR FLOODING? ☐ YES ☐ NO  
10 YEAR FLOOD ELEVATION FOR SITE: \_\_\_\_\_ FT MSL/NGVD SITE ELEVATION: 8.3 FT MSL/NGVD

SOIL PROFILE INFORMATION SITE 1

| MUNSELL #/COLOR              | TEXTURE            | DEPTH      |
|------------------------------|--------------------|------------|
| 10YR 8/2                     | SAND W/ ROCK       | 0 TO 36"   |
| WHITISH SAND                 |                    | TO         |
| 10 YR 8/2                    | COARSE QUARTS SAND | 36" TO 42" |
| PALE BROWN                   |                    | TO         |
| REFUSAL AT 42"               |                    | TO         |
|                              |                    | TO         |
|                              |                    | TO         |
|                              |                    | TO         |
|                              |                    | TO         |
| USDA SOIL SERIES: URDOTHENTS |                    |            |

SOIL PROFILE INFORMATION SITE 2

| MUNSELL #/COLOR              | TEXTURE            | DEPTH      |
|------------------------------|--------------------|------------|
| 10YR 8/2                     | SAND W/ ROCK       | 0 TO 36"   |
| WHITISH SAND                 |                    | TO         |
| 10 YR 8/2                    | COARSE QUARTS SAND | 36" TO 42" |
| PALE BROWN                   |                    | TO         |
| REFUSAL AT 42"               |                    | TO         |
|                              |                    | TO         |
|                              |                    | TO         |
|                              |                    | TO         |
|                              |                    | TO         |
| USDA SOIL SERIES: URDOTHENTS |                    |            |

OBSERVED WATER TABLE: N/A INCHES [ABOVE / BELOW] EXISTING GRADE. TYPE: [PERCHED / APPARENT]  
ESTIMATED WET SEASON WATER TABLE ELEVATION: 52 INCHES [ABOVE / BELOW] EXISTING GRADE  
HIGH WATER TABLE VEGETATION: ☐ YES ☒ NO MOTTLING: ☐ YES ☒ NO DEPTH: N/A INCHES

SOIL TEXTURE/LOADING RATE FOR SYSTEM SIZING: 0.60 DEPTH OF EXCAVATION: 42 INCHES  
DRAINFIELD CONFIGURATION: ☐ TRENCH ☒ BED ☐ OTHER (SPECIFY) \_\_\_\_\_  
REMARKS/ADDITIONAL CRITERIA: \_\_\_\_\_

SITE EVALUATED BY: DILLON SWIDERSKI, P.E. DATE: 10/3/25

## SYSTEM #2



STATE OF FLORIDA  
DEPARTMENT OF HEALTH  
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM  
SITE EVALUATION AND SYSTEM SPECIFICATIONS

PERMIT #. \_\_\_\_\_

APPLICANT: ISMAEL HERRERA

AGENT: DILLON SWIDERSKI, PE

LOT: \_\_\_\_\_ BLOCK: \_\_\_\_\_ SUBDIVISION: \_\_\_\_\_

PROPERTY ID #: 20-5014-000-0761 [Section/Township/Parcel No. or Tax ID Number]

TO BE COMPLETED BY ENGINEER, HEALTH DEPARTMENT EMPLOYEE, OR OTHER QUALIFIED PERSON. ENGINEERS  
MUST PROVIDE REGISTRATION NUMBER AND SIGN AND SEAL EACH PAGE OF SUBMITTAL. COMPLETE ALL ITEMS.

PROPERTY SIZE CONFORMS TO SITE PLAN: ☒ YES ☐ NO NET USABLE AREA AVAILABLE: 1.298 ACRES  
TOTAL ESTIMATED SEWAGE FLOW: 470 of 940 GALLONS PER DAY [RESIDENCES-TABLE 1/OTHER-TABLE 2]  
AUTHORIZED SEWAGE FLOW: 3,000 GALLONS PER DAY [1500 GPD/ACRE OR 2500 GPD/ACRE]  
UNOBSTRUCTED AREA AVAILABLE: 400 of 784 SQFT UNOBSTRUCTED AREA REQUIRED: 784 total SQFT

BENCHMARK/REFERENCE ELEV. 8.45 NGVD LOCATED ALONG SW 132ND ST ROADWAY CENTERLINE  
BENCHMARK/REFERENCE POINT LOCATION: FRONTING SITE.

ELEVATION OF PROPOSED SYSTEM SITE IS 1.8" - [INCHES/FT] [ABOVE/BELOW] BENCHMARK/REFERENCE POINT

THE MINIMUM SETBACK WHICH CAN BE MAINTAINED FROM THE PROPOSED SYSTEM TO THE FOLLOWING FEATURES  
SURFACE WATER: +/- 700 FT DITCHES/SWALES: 20 FT NORMALLY WET? ☐ YES ☒ NO  
WELLS: PUBLIC: N/A FT LIMITED USE: N/A FT PRIVATE: N/A FT NON-POTABLE: N/A FT  
BUILDING FOUNDATIONS: 5 FT PROPERTY LINES: 5 FT POTABLE WATER LINES: 110 FT

SITE SUBJECT TO FREQUENT FLOODING: ☐ YES ☒ NO 10 YEAR FLOODING? ☐ YES ☐ NO  
10 YEAR FLOOD ELEVATION FOR SITE: \_\_\_\_\_ FT MSL/NGVD SITE ELEVATION: 8.3 FT MSL/NGVD

## SOIL PROFILE INFORMATION SITE 1

| MUNSELL #/COLOR              | TEXTURE            | DEPTH      |
|------------------------------|--------------------|------------|
| 10YR 8/2                     | SAND W/ ROCK       | 0 TO 36"   |
| WHITISH SAND                 |                    | TO         |
| 10 YR 8/2                    | COARSE QUARTS SAND | 36" TO 42" |
| PALE BROWN                   |                    | TO         |
| REFUSAL AT 42"               |                    | TO         |
|                              |                    | TO         |
|                              |                    | TO         |
|                              |                    | TO         |
|                              |                    | TO         |
| USDA SOIL SERIES: URDOTHENTS |                    |            |

## SOIL PROFILE INFORMATION SITE 2

| MUNSELL #/COLOR              | TEXTURE            | DEPTH      |
|------------------------------|--------------------|------------|
| 10YR 8/2                     | SAND W/ ROCK       | 0 TO 36"   |
| WHITISH SAND                 |                    | TO         |
| 10 YR 8/2                    | COARSE QUARTS SAND | 36" TO 42" |
| PALE BROWN                   |                    | TO         |
| REFUSAL AT 42"               |                    | TO         |
|                              |                    | TO         |
|                              |                    | TO         |
|                              |                    | TO         |
|                              |                    | TO         |
| USDA SOIL SERIES: URDOTHENTS |                    |            |

OBSERVED WATER TABLE: N/A INCHES [ABOVE / BELOW] EXISTING GRADE. TYPE: [PERCHED / APPARENT]  
ESTIMATED WET SEASON WATER TABLE ELEVATION: 52 INCHES [ABOVE / BELOW] EXISTING GRADE  
HIGH WATER TABLE VEGETATION: ☐ YES ☒ NO MOTTLING: ☐ YES ☒ NO DEPTH: N/A INCHES

SOIL TEXTURE/LOADING RATE FOR SYSTEM SIZING: 0.60 DEPTH OF EXCAVATION: 42 INCHES

DRAINFIELD CONFIGURATION: ☐ TRENCH ☒ BED ☐ OTHER (SPECIFY) \_\_\_\_\_

REMARKS/ADDITIONAL CRITERIA: \_\_\_\_\_

SITE EVALUATED BY: DILLON SWIDERSKI, P.E. DATE: 10/3/25

Miami Dade County Department of Regulatory and Economic Resources - Job Copy

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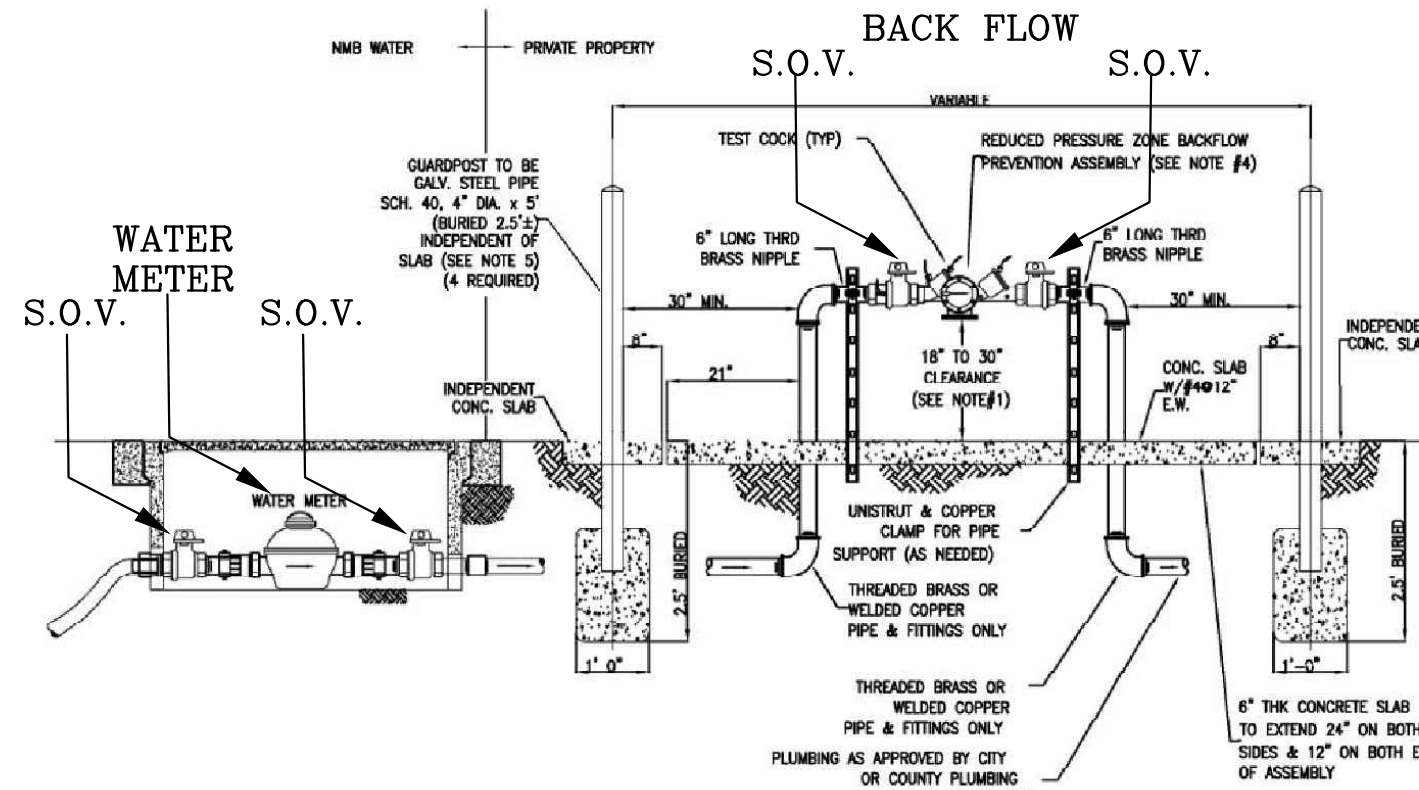
Page 3 of 4

Examiner Date Time Stamp Trade Stamp Name

HERNANDEZ, JESUS 11/5/2025 1:02:31 PM HRS Approved

HERNANDEZ ACOSTA, JESUS 10/11/2025 11:19:03 AM OTDS Approved

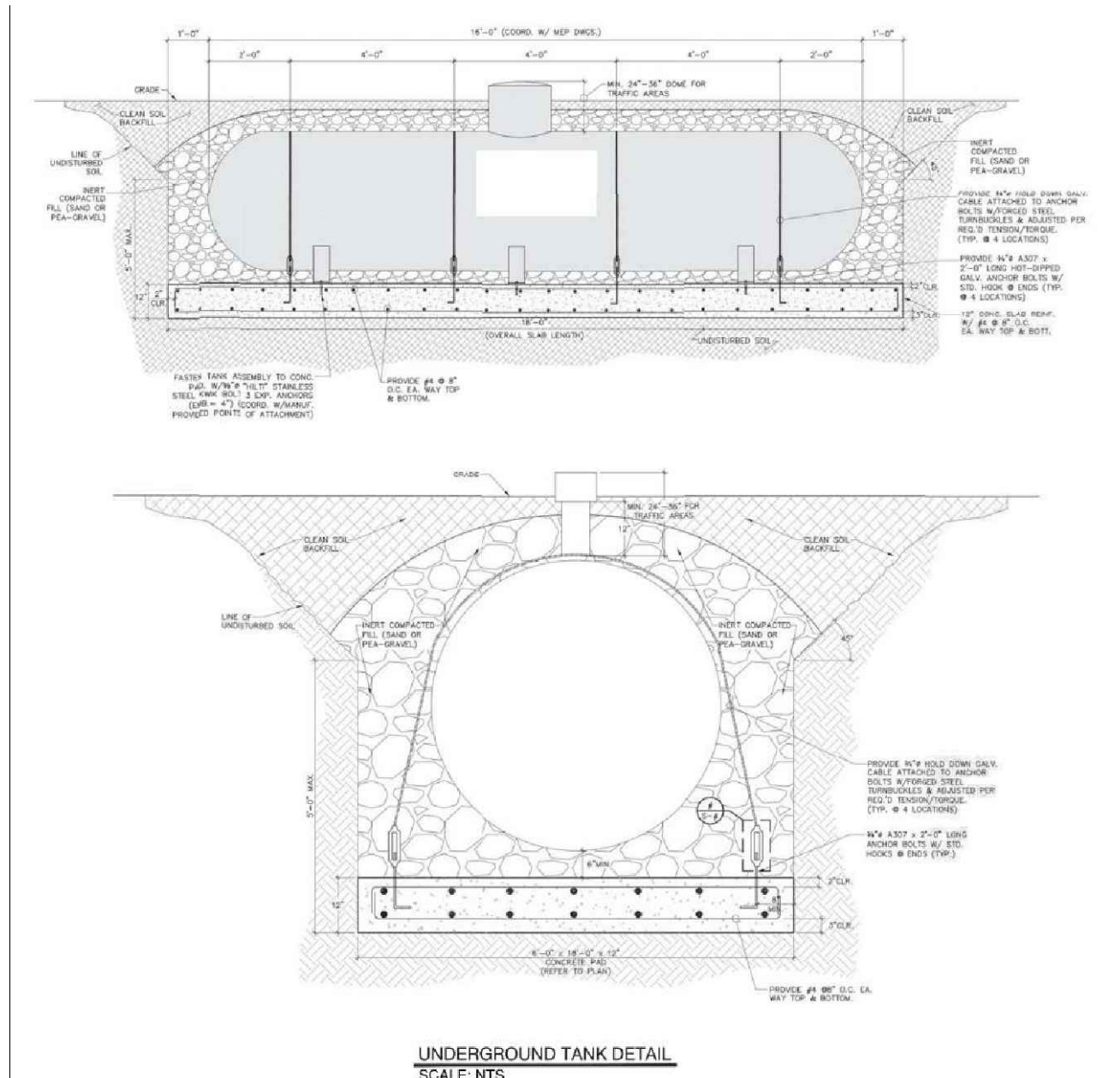
1. ALL WORK TO BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2023 8TH EDITION AND LOCAL ORDINANCES.
2. SYSTEM TO BE SLOPED AT 1/4" FT FOR PIPES 2 1/2" AND SMALLER, 1/8" FT. FOR PIPES 3" OR MORE DEVIATIONS SHALL BE APPROVED BY ARCHITECT/ENGINEER.
3. PROVIDE CLEANOUTS EVERY 75 FT. AND AT BASE OF EVERY WASTESTACK. ALL CLOSOUTS TO BE FLUSH MOUNTED.
4. MATERIALS SHALL BE ALL NEW AND AS FOLLOWS:
  - A. USE PVC FOR DRAINAGE WASTE AND VENT PIPING
  - B. WATER PIPING: COPPER TYPE "L" ASTM B-88 ABOVE GROUND AND COPPER TYPE "K" ASTM B-88 UNDERGROUND. (CPVC WILL BE ACCEPTABLE)
  - C. INSULATE COLD AND HOT WATER LINES (PROVIDE 1/2" ARMAFLEX PIPE INSULATION ON HOT WATER PIPE).
  - C. CONDENSATE DRAIN PIPING: PVC SCHEDULE 40 PROVIDE 1/2" ARMAFLEX PIPE INSULATION ON ALL CONDENSATE DRAIN PIPING.
  - D. FLOOR DRAINS (IF REQUIRED): JOSAM SERIES 30.000 OR EQUAL EXCEPT AT TRANSFORMER VAULT WHICH SHALL BE JOSAM SERIES 32.000 OR EQUAL. KITCHEN SINK DRAIN: JOSAM 4420-50, 12" SQUARE NIKALOY TOP, SATIN FINISH, 1/2" PRIMER CONNECTION, BRONZE SEDIMENT BUCKET.
  - E. FLOOR CLEANOUTS: JOSAM SERIES 56020 OR EQUAL.
  - F. WALL CLEANOUTS: JOSAM SERIES 58750 WITH ACCESS COVER OR EQUAL.
  - G. VALVES: 125 PSI NIBCO SCOTT, STOCKHAM OR EQUAL.
  - H. HOSE BIBBS: CHICAGO 837 OR EQUAL WITH VACUUM BREAKER.
  - I. ELECTRIC WATER HEATER: GLASS-LINED, P & T RELIEF VALVE, 5 YEAR WARRANTY MINIMUM.
5. PERFORM THE FOLLOWING TEST:
  - A. WATER PIPING SHALL BE SUBJECTED TO HYDROSTATIC PRESSURE TEST OF 100 PSIG FOR A PERIOD OF TIME SUFFICIENT TO EXAMINE ENTIRE SYSTEM BUT NOT LESS THAN ONE HOUR.
  - B. DRAINAGE SYSTEM: BEFORE INSTALLATION OF ANY DRAINS, THE END OF THE SYSTEM SHALL BE CAPPED & ALL LINES FILLED WITH WATER TO HIGHEST POINT & ALLOWED TO STAND UNTIL INSPECTION IS MADE AND WATER LEVELS REMAIN CONSTANT. USE SCH-40 SOLID CORE IN ALL UNDERGROUND DRAIN LINES.
  - C. CORRECT ALL DEFECTS DISCLOSED BY ABOVE TESTS.
  - D. COMPLETE SYSTEM WITH FIXTURES & EQUIPMENT SHALL BE GIVEN AN IN-SERVICE TEST AFTER INSTALLED.
  - E. STERILIZE ALL WATER LINES WITH A MIXTURE OF (2) POUNDS OF CHLORINATED LIME TO EACH 1000 gal. OF WATER (50 PPM OF AVAILABLE CHLORINE.) RETAIN MIXTURE IN PIPES FOR 24 HOURS AND FLUSH THOROUGHLY WITH POTABLE WATER BEFORE PLACING IN SERVICE.
6. PLUMBING CONTRACTOR SHALL FURNISH A WRITTEN GUARANTEE THAT ALL PLUMBING WORK SHALL BE FREE FROM DEFECTS OF MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE, AND THAT HE WILL, AT HIS EXPENSE, REPAIR AND REPLACE ALL WORK WHICH BECOMES DEFECTIVE DURING GUARANTEE PERIOD.
7. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF EXISTING UTILITIES AND POINTS OF CONNECTION BEFORE COMMENCING ANY WORK.
8. PLUMBING CONTRACTOR SHALL PAY ALL FEES, INSPECTION AND CONNECTION CHARGES REQUIRED.
9. SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL OF ALL EQUIPMENT, MATERIALS AND LAYOUTS PRIOR INSTALLATION.
10. OFFSET PIPING AS REQUIRED TO CLEAR BUILDING STRUCTURE, DUCTWORK, ETC. AS SHOWN ON DRAWINGS AND AS REQUIRED BY FIELD CONDITIONS.
11. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL A/C CONDENSATE DRAIN AND TRAP. SEE MECHANICAL PLANS FOR LOCATION OF UNITS AND DARINS.
12. PLUMBING CONTRACTOR SHALL VERIFY ALL SPACE CONDITIONS AND DIMENSIONS AT JOB SITE PRIOR TO FABRICATION AND INSTALLATION OF MATERIALS AND EQUIPMENT.
13. COORDINATE WORK WITH OTHER TRADES.
14. FURNISH AND INSTALL FIXTURES AS SPECIFIED IN SCHEDULE IF PROVIDED, OTHERWISE PROVIDE SHOP DRAWINGS.
15. EACH BATHROOM GROUP AND KITCHEN SHALL BE PROVIDED WITH WATER HAMMER ARRESTOR AS PER 2020 F.B.C.
16. PROVIDE SHUT-OFF VALVE FOR EACH FIXTURE, JUST BEFORE CONNECTING TO FIXTURE. PROVIDE SHUT-OFF VALVE AND BACKFLOW AT METER.
17. WHEREVER DISSIMILAR METALS ARE TO BE JOINED, A DIELECTRIC FITTING SHALL BE PROVIDED TO CONNECT BOTH TYPES OF PIPES.
18. PLUMBING CONTRACTOR SHALL COORDINATE AND VERIFY HEIGHT AND LOCATION OF STUB-UPS.
19. REFER TO SUPPLIER DRAWING AND SPECIFICATIONS FOR ADDITIONAL INFORMATION AND COORDINATION OF EQUIPMENT TERMINATION DETAILS.
20. PROVIDE ANTI SCALD AT ALL TUB AND SHOWERS.
21. PROVIDE CLEAN OUT AT EVERY WASTE STACK.
22. PROVIDE 1" C.W.P. NEXT TO THE ELECTRICAL SERVICE. SEE ELECTRICAL PLANS FOR LOCATION OF SERVICE. COORDINATE WITH THE ELECTRICAL CONTRACTOR PRIOR INSTALLATION.
24. EXISTING CONDITION: CONTRACTOR SHALL VISIT THE JOB SITE AND ASCERTAIN ALL EXISTING CONDITIONS, WHICH WILL AFFECT HIS WORK. FAILURE TO DO SO WILL NOT BE ACCEPTED AS A REASON FOR REQUESTING EXTRA PAY WHERE THE EXISTING CONDITIONS RESULT IN EXTRA MATERIAL OR LABOR. ANY EXISTING CONDITION FOUND BY THE CONTRACTOR WHICH WILL ADVERSELY AFFECT THE WORK SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENTS OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THEREBY.
25. THIS CONTRACTOR SHALL EXAMINE THESE PLANS (CONSTRUCTION DOCUMENTS) TO UNDERSTAND THE SCOPE. IN THE EVENT OF ANY DISCREPANCIES, CONTRADICTION, INFORMATION NOT PROVIDED ON THIS CONSTRUCTION DOCUMENTS, THIS CONTRACTOR SHALL STOP WORKS AND NOTIFY THIS OFFICE FOR CLARIFICATION AND PROCEED WORKS AFTER THIS OFFICE HAVE CLARIFIED THOSE DISCREPANCIES.



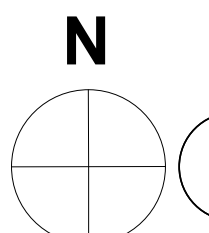
NOTES:

1. THE ASSEMBLY MUST BE INSTALLED WITH MINIMUM HORIZONTAL CLEARANCE OF 18" MINIMUM TO 30" MAXIMUM, FREE FROM OBSTRUCTIONS IN ALL DIRECTIONS.
2. THE BACKFLOW PREVENTION ASSEMBLY SHALL BE ON THE APPROXIMATE LEVEL OF FOUNDATION FOR CORRELATION AND CONNECTION TO THE EXISTING CHIMNEY. THE EXISTING CHIMNEY SHALL BE REINFORCED TO SUPPORT THE WEIGHT OF THE BACKFLOW PREVENTION ASSEMBLY. A LICENSED PROFESSIONAL ENGINEER SHALL BE REQUIRED TO PROVIDE CERTIFICATION OF USE APPROVAL.
3. THE BACKFLOW PREVENTION ASSEMBLY SHALL BE SMALLER THAN THE FACTOR ASSUMED INCLUDING SHUT OFF VALVE AS REQUIRED BY THE CITY FOUNDATION FOR CORRELATION CONNECTION STANDARDS ON DROVES.
4. BACKFLOW PREVENTION ASSEMBLY SHALL BE INSTALLED ON THE EXISTING FOUNDATION APPROVED BY NWS WATER.
5. INSUL. WRAPING OR WITH OBSTACLES RESTRICTED TO BE NOT APPROVED.
6. GARAGEFLOPS OR PROTECTIVE ENCLOSURE MAY BE REQUIRED DEPENDING ON SITE CONDITIONS.
7. INSUL. PIPE SUPPORTS AS NEEDED.
8. ALL PIPE AND FITTINGS 2" AND SMALLER SHALL BE BRASS OR COPPER.

**TYPICAL 3/4" TO 2" AND SMALLER  
REDUCED PRESSURE BACKFLOW  
ASSEMBLY INSTALLATION**



UNDERGROUND TANK DETAIL  
SCALE: NTS



**PLUMBING SITE PLAN**  
SCALE: 1/16" = 1'-0"

Daniel F Gutierrez

*"This item has been digitally signed and sealed by Daniel F. Gutierrez 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"*

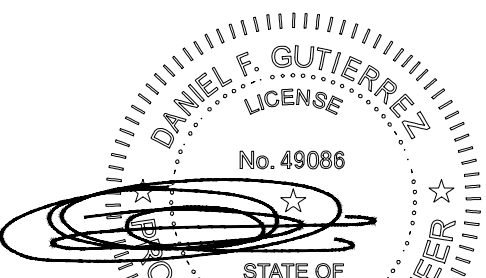
DANIEL F. GUTIERREZ, P.E.  
LIC. #049086

29111 KINSINGTON COURT  
WESLEY CHAPEL  
PH: (786)499-4167  
Email: danny@dfgengineers.com

DG CONSULTING ENGINEERS, LLC  
DESIGN — INSPECTIONS

6825 SW 132nd St,  
Pinecrest, FL 33156.

SEAL



07-24-25

DANIEL F. GUTIERREZ, P.E.

LIC. #049086

## REVISIONS

[illegible]

JOB NUMBER: HERRERA

CHECKED BY: GB

ISSUE DATE: 04/25/2025

SCALE: AS NOTED

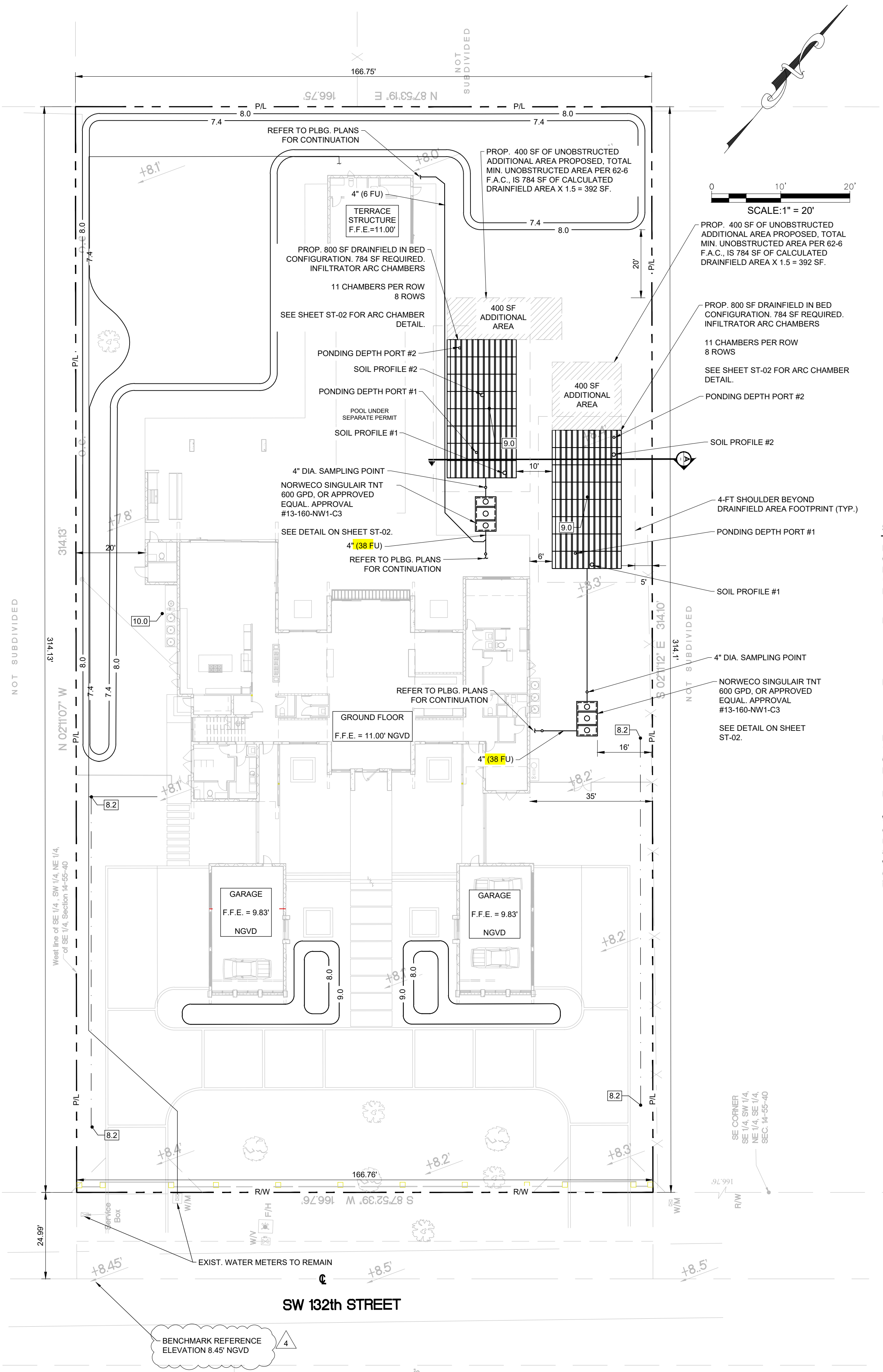
SHEET TITLE

# PLUMBING SITE PLAN

SHEET NUMBER

# P-101

COPYRIGHT BALLI-TRAUTMAN ARCHITECTS,  
LLC  
1533 SUNSET DRIVE SUITE 101, CORAL GABLES  
FL 33143



SEPTIC PLAN

SCALE: 1" = 20'

DATUM NOTE

DATE: 11/5/2025 1:02:45 PM  
TIME: 11:16:54 AM  
DATE: 11/5/2025 1:02:45 PM  
TIME: 11:16:54 AM

LEGAL DESCRIPTION

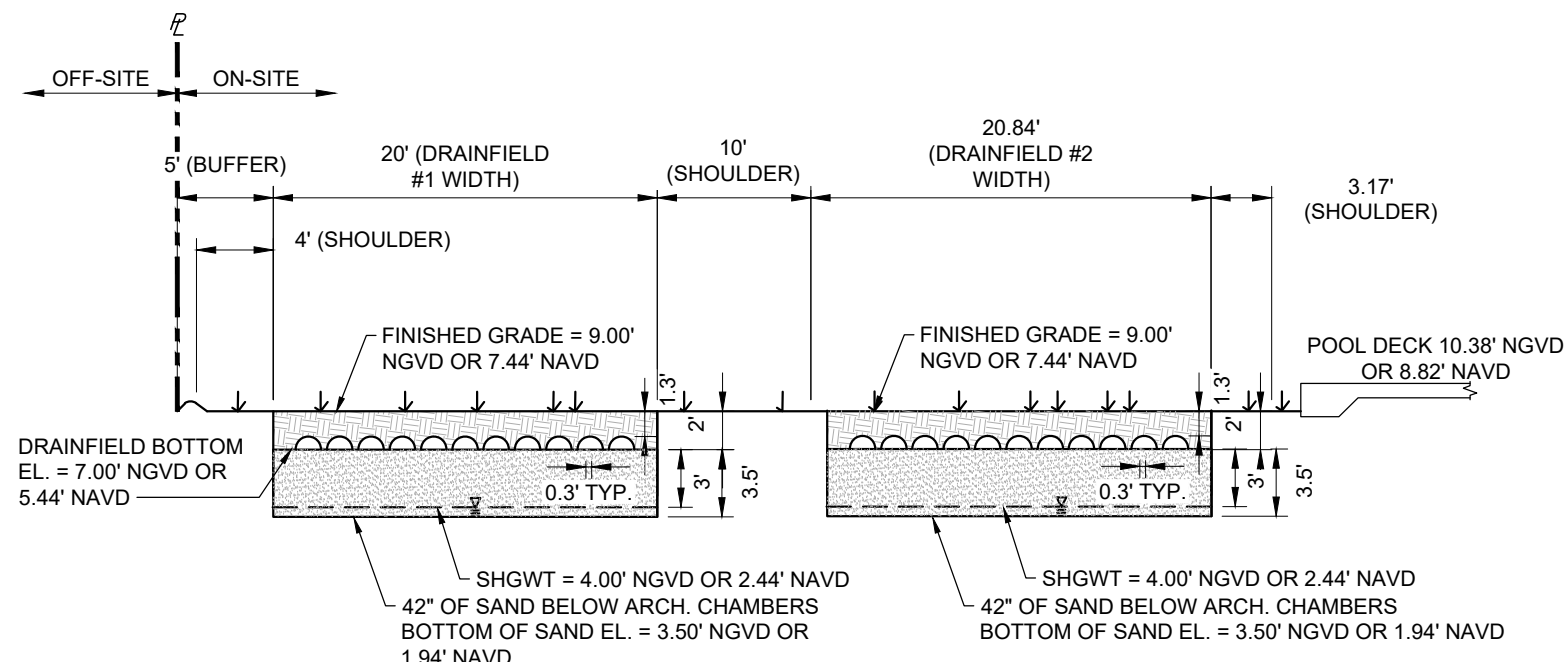
THE WEST 1/4 OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4, LESS THE SOUTH 25 FEET THEREOF, OF SECTION 14, TOWNSHIP 55 SOUTH, RANGE 40 EAST, LYING AND BEING IN MIAMI-DADE COUNTY, FLORIDA.

UTILITIES NOTE

EXISTING UNDERGROUND UTILITIES HAVE BEEN SHOWN BASED ON THE BEST AVAILABLE INFORMATION. THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THIS DATA. THE CONTRACTOR SHALL MARK AND DELINEATE PRIOR TO EXCAVATION TO AVOID DAMAGE.

SECTION "A"

N.T.S.



HERRERA RESIDENCE

DETERMINATION OF OSTDS TYPE AND STANDARDS PER SECTION 24-42.7

GROSS LOT SIZE = 56,548 FT² = 1.298 ACRES  
LAND USE: RESIDENTIAL  
GROSS BUILDING AREA = 13,075 FT²  
SEWAGE FLOW = 940 GPD  
SEWAGE LOADING = 940 GPD / 1.298 ACRES = 725 GPD/ACRE

| Y | N | CRITERIA FOR OSTDS TYPE SELECTION                                                    |
|---|---|--------------------------------------------------------------------------------------|
| X |   | PROPERTY WILL BE SERVED BY PUBLIC WATER                                              |
| X |   | PROPERTY COMPLETELY OUTSIDE WELLFIELD PROTECTION AREA                                |
|   | X | SURFACE WATER BODIES BEYOND 1000 FEET                                                |
|   | X | SEWAGE FLOW IS LESS THAN 500 GPD FOR SFR /DUPLEX                                     |
|   |   | SEWAGE FLOW IS LESS THAN 1000 GPD FOR MULTI-FAMILY/OTHER USES                        |
| X |   | SEWAGE LOADING LESS THAN 500 GPD/ACRE                                                |
| Y | N | OTHER CONSIDERATIONS FOR OSTDS APPROVAL                                              |
|   | X | SANITARY SEWERS NOT AVAILABLE, ABUTTING, OR OPERATIVE                                |
| X |   | SYSTEM WILL SERVE ONLY ONE LOT                                                       |
| X |   | PROPERTY LINES OVER 50 FEET FROM OSTDS FOR PROPERTIES SERVED BY A POTABLE WATER WELL |

TYPE OF SYSTEM REQUIRED : TYPE 3 - ADVANCED SECONDARY TREATMENT STANDARDS  
TOTAL NITROGEN TREATED BY : 600 GPD NORWECO SINGLAIR TNT UNIT  
TOTAL PHOSPHORUS TREATED BY : NO REDUCTION REQUIRED  
FECAL COLIFORM TREATED BY : CHLORINATOR/DECHLORINATOR BIOKINETIC FILTER  
SOURCE OF TREATMENT STANDARDS : FDEP TESTING PERFORMANCE DATA FOR PBTS

| POLLUTANT                  | REQUIRED (mg/L) (ANNUAL AVERAGE) | PROPOSED (mg/L) (ANNUAL AVERAGE) |
|----------------------------|----------------------------------|----------------------------------|
| CBOD <sub>5</sub>          | 10 MG/L                          | 4 MG/L                           |
| TSS                        | 10 MG/L                          | 9 MG/L                           |
| TN                         | 50% REDUCTION                    | 68% REDUCTION                    |
| TP                         | 10 MG/L                          | 10 MG/L                          |
| FECAL COLIFORM (cfu/100ml) | 200 CFU/100 ML                   | 2 CFU/100 ML                     |

CERTIFICATION OF DESIGN:

I CERTIFY THAT THE ENGINEERING FEATURES OF THIS PERFORMANCE-BASED TREATMENT SYSTEM HAVE BEEN DESIGNED OR SPECIFIED BY ME AND CONFORM TO ENGINEERING PRINCIPLES APPLICABLE TO SUCH PROJECTS. IN MY PROFESSIONAL JUDGMENT, THIS SYSTEM, WHEN PROPERLY CONSTRUCTED, OPERATED AND MAINTAINED, WILL ACHIEVE THE ESTABLISHED PERFORMANCE STANDARD AND COMPLY WITH ALL APPLICABLE STATUS OF THE STATE OF FLORIDA AND RULES OF THE DEPARTMENT.

THIS IS BASED ON AVERAGE TESTING PERFORMANCE DATA FOR COMPONENTS OF PERFORMANCE-BASED TREATMENT SYSTEMS (PBTS) BY E. ROEDER, FOR INNOVATIVE SYSTEM TESTING IN FLORIDA OR FROM TEST CENTERS FOR EVALUATION OF USE IN NUTRIENT AND FECAL COLIFORM REDUCING PBTS OR FROM TEST CENTERS FOR NSF-CERTIFICATION AS AEROBIC TREATMENT UNITS (ATUS).  
FLORIDA-APPROVED NSF 40-CERTIFIED MODELS  
FLORIDA-APPROVED NSF STANDARD 245  
NITROGEN-REDUCING, CERTIFIED AEROBIC TREATMENT UNITS IN FLORIDA (RULE 64E-6.012, FLORIDA ADMINISTRATIVE CODE)  
NORWECO SINGLAIR TNT-500, 600, 750, 800, 1000, 1250, 1500  
AVERAGE TOTAL NITROGEN REDUCTION NSF 245 COMPLETION REPORT 68%  
SINGLAIR TNT TN = 6.80 MGL, CBOD<sub>5</sub> = 6 MGL, TSS = 10 MGL  
TP TREATMENT ANTICIPATES SUFFICIENTLY LOW INFLUENT CONCENTRATIONS AND IS EXPECTED TO MEET THE ESTABLISHED PERFORMANCE STANDARD.  
TESTING FACILITY: CHELSEA, MI

SEPTIC SYSTEM NOTE

THERE ARE NO PERTINENT FEATURES ON ADJACENT PROPERTIES AND ACCROSS THE STREET THAT MAY AFFECT THE SYSTEM INSTALLATION.

GENERAL NOTES:

MINIMUM SETBACK WHICH CAN BE MAINTAINED FROM THE PROPOSED SYSTEM TO THE FOLLOWING FEATURES:

- BUILDING FOUNDATIONS = 5-FEET
- PROPERTY LINES = 5-FEET
- POTABLE WATER LINES = 8-FEET

SITE ELEVATION AT DRAINFIELD IS 9.00 NGVD OR 7.44 NAVD.

BENCHMARK ELEVATION 8.45 NGVD LOCATED ALONG SW 132ND STREET ROADWAY CENTERLINE FRONTING THE PROPERTY.

THE ELEVATION OF PROPOSED FINISHED GRADE ABOVE DRAINFIELD IS 0.55 FEET ABOVE BENCHMARK (9.00 - 8.45).

BOTTOM OF DRAINFIELD TO BE 1.45 FEET (8.45 - 7.00) BELOW BENCHMARK.

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

Dillon J Swiderski Soto

Digitally signed by Dillon J Swiderski Soto  
DN: cn=Dillon J Swiderski Soto,  
o=Dillon J Swiderski Soto,  
ou=Professional Engineer,  
c=US,  
email=dswiderski@seal.com,  
date=2025.10.03.10:00:47-0400

HERRERA RESIDENCE

OSTDS CALCULATIONS PER CHAPTER 62-6 F.A.C.

NET LOT SIZE = 52,379 FT² = 1.20 ACRES  
LAND USE: SINGLE FAMILY RESIDENCE  
BUILDING AREA = 9,523 FT²

SEWAGE FLOW

MAXIMUM SEWAGE LOADING ALLOWANCE = 2,500 GPD/ACRE (1,500 GPD/ACRE OR 2,500 GPD/ACRE)  
AUTHORIZED SEWAGE FLOW = 2,500 GPD/ACRE x 1.20 ACRES = 3,000 GPD  
UNIT FLOW CRITERIA (PER TABLE 1) : NO. OF BEDROOMS, BUILDING AREA  
SEWAGE FLOW PER UNIT FLOW = 100 GPD PER BEDROOM AND/OR 750 SF AFTER 400 GPD FOR EACH ADDITIONAL 750 SF OF BLDG AREA OF FRACTION THEREOF IN A DWELLING UNIT, SYSTEM SIZING SHALL BE INCREASED BY 60 GPD PER DWELLING UNIT.  
TOTAL SEWAGE FLOW = 940 GPD  
4 BEDROOMS W/ 2,251-3,300 SF = 400 GPD. (9,523-3,300) = 6,223 SF  
400 GPD + (6,223/750 X 60 GPD) = 940 GPD

TREATMENT TANK AND DRAINFIELD

PROPOSED SYSTEM : (2) 600 GPD NORWECO SINGLAIR TNT UNIT  
MINIMUM REQUIRED TREATMENT CAPACITY = 940 GPD  
DRAINFIELD CONFIGURATION : BED CONFIGURATION  
DRAINFIELD TYPE = STANDARD  
DRAINFIELD MATERIAL : CHAMBER  
MAXIMUM SEWAGE LOADING RATE FOR THE PROPOSED DRAINFIELD = 0.6 GAL/FT² DAY  
DRAINFIELD SIZE = 470/470 GPD / 0.6 GAL/FT² DAY = 800/800 FT²

SEPARATION BETWEEN THE SHWT AND BOTTOM OF THE DRAINFIELD (ELEVATIONS IN NAVD 88)

GRADE ELEVATION = 8.3 FT  
SEASONAL HIGH WATER TABLE ELEVATION = 4.00 FT  
ELEVATION AT THE BOTTOM OF THE DRAINFIELD = 7.00 FT  
SEPARATION BETWEEN SHWT AND BOTTOM OF DRAINFIELD = 36 INCHES

SECTION NO. 1 COVER LETTER

Miami-Dade Department of Health  
OSTDS Program  
Miami-Dade County Building  
11805 SW 26th Street  
Miami, FL 33175

ENGINEER OF RECORD: Dillon Swiderski Soto  
Florida Licensed Engineer, Lic. No 90406  
Address: 1389 SW 90th Avenue  
Miami, FL 33174

REFERENCE: NEW RESIDENCE  
HERRERA RESIDENCE  
6825 SW 132nd Street  
Miami, FL 33156

LEGAL DESCRIPTION: THE WEST 1/2 OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4, LESS THE SOUTH 25 FEET THEREOF, OF SECTION 14, TOWNSHIP 55 SOUTH, RANGE 40 EAST, LYING AND BEING IN MIAMI-DADE COUNTY, FLORIDA.

PROPERTY ID: 20-5014-000-0761

We are hereby requesting approval of a Performance-Based Treatment System (PBTS) designed for, and to be installed upon, the property being dealt with. The Engineer of record, the certified installment entity, (Sarina Batista, Registered Septic Tank Contractor and/or personnel under her supervision), the Aerobic Treatment Unit providers and warrantors in the State of Florida (SB Engineering, Inc) and the primary manufacturer (NORWECO, INC.) will be involved in all necessary activities to warranty the complete installation as well as the maintenance thereof.

WTIMDR Engineered ATU

Operation, Maintenance, and Inspection Specifications

Operation:  
Power supply to all electric components must remain constant at all times. It is not acceptable to disconnect power from the system at any time except under the direction of the maintenance entity or in case of emergency.  
Homeowner is not to power off during extended absences from home, vacations or otherwise. Liquid waste treatment additives shall not be used.  
Maintenance and inspection 2 year contract

-Inspections: Effluent monitoring and preventative maintenance shall be performed as required by 62-6 Part I, FAC.  
-First inspection: At system installation by engineer.  
-Second: After system has been in operation a total of 6 months by maintenance entity.  
-Thereafter: every 6 months, as part of maintenance entity inspection. Maintenance entity inspection to include:  
Solids Check accumulation (expect pump-out every 3 to 5 years)  
Blower: Confirm proper operation; clean air filter, as required.  
Alarms: Trip all alarms manually to confirm effective operation  
Outlet Filter: Operate filter plunger. Remove, clean, and reinstall as required.  
Pump: Check operation by manually tripping float switch. Operate each pump manually at control panel  
Monitoring to be conducted semi Annually  
Monitoring Sampling: At SAMPLING PORT  
Pollutant to be check

- Ponding depth quarterly
- TN ≤ 50% Reduction
- TP ≤ 10 mg/l
- Fecal coliform = ≤ 200 fc col/100 ml

Contingency

- At the high water level, the system alarm sound. The Owner must contact the Maintenance entity within 24 hours of alarm.
- Maintenance entity personnel will inspect the system, and order a repair on the problem as necessary, within 36 hours as specified in 62-6.012 (4)(b)
- Owner shall be have tanks pumped as required to prevent the creation of sanitary nuisance conditions until such time as repairs are effected which prevent sanitary nuisance conditions.

**Mission:**

To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts.



**Ron DeSantis**  
Governor

**Joseph A. Ladapo, MD, PhD**  
State Surgeon General

**Vision:** To be the **Healthiest State** in the Nation

## WELL FORM

DOH# \_\_\_\_\_

Chapter 62-6.004(3)(a), F.A.C.:

A plan or plat of the lot or total site ownership drawn to scale, showing boundaries with dimensions, locations of any existing or proposed residences or buildings, swimming pools, recorded easements, the on-site sewage treatment and disposal system components and their location on the property, the slope of the property and any existing or proposed wells, potable and non-potable water lines, including valves, drainage features, filled areas, unobstructed areas, and surface water bodies. The site plan shall indicate the location of wells, on-site sewage treatment and disposal systems, surface waters and other pertinent facilities or features on contiguous or adjacent property. If the features are within 75 feet of the applicant lot, the estimated to the feature must also be shown but need not be drawn to scale. The location of any public drinking water well, as defined in Chapter 62.-6.002(44)(b), within 200 feet of the applicant's lot shall also be shown, with the distance indicated from the system to the well, and the location of limited use public water system or other public wells, as defined in Chapter 62-6.002(44)(b), within 100 feet of the applicant lot must also be shown, or as defined in Chapter 62-6.002(44)(a), F.A.C., within 75 feet from a private potable water well (well used only by one or two residences).

Chapter 24-12(18), Miami-Dade County Code:

The minimum separation between a well or wells and possible sources of contamination shall be a function of the drawdown radius of influence of the well or wells. In no case shall the well be located less than one hundred (100) horizontal feet from any source of contamination.

I have read the above and to the best of my knowledge I have provided the Department with full information regarding pertinent facilities and features on all adjacent properties. Furthermore, I understand that any on-site sewage treatment and disposal system permit issued on the basis of said facilities and feature as provided by me and found to be incorrect will be subject to revocation in accordance with the provisions of Chapter 120, Florida Statutes.

Property Address: 6825 SW 132ND STREET, PINECREST FL 33156

Date: 9/2/2025

Signature: \_\_\_\_\_

Dillon J Swiderski Soto

Digitally signed by Dillon J Swiderski Soto  
DN: cn=Dillon J Swiderski Soto,  
o=Florida Health, ou=Public Health, email=Dillon.Soto@flhealth.gov,  
c=US  
Date: 2025.09.02 16:15:05 -0400

**Florida Department of Health**

Division of Environmental Health and Engineering  
Miami-Dade County  
1725 NW 167<sup>th</sup> Street, Miami, FL 33056



**Accredited Health Department**  
Public Health Accreditation Board