VILLAGE OF PALMETTO BAY SW 143 STREET WATER MAIN - OFFSITE IMPROVEMENT

S21 S22

LIST OF SHEETS:

DESCRIPTION COVER SHEET

GENERAL NOTES AND DETAILS WATER MAIN PLAN AND PROFILE

Sunshine

Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.

Check positive response codes before you dig!

SCOPE OF WORK: WATER MAIN EXTENSION TO PROVIDE WATER SERVICES FOR 6 EXISTING SINGLE FAMILY RESIDENCES LESS THAN 3001 SF & ONE FIRE HYDRANT.

FOLIO	ADDRESS
3350210020340	14250 SW 87 AVE
3350210020350	8745 SW 143 ST
3350210020360	8775 SW 143 ST
3350210020380	8762 SW 143 ST
3350210020390	8752 SW 143 ST
3350210020400	14300 SW 87 AVE

ENGINEER OF RECORD: LINDA BELL, P.E. P.E.: #38542

PLANS AND PROFILES ARE IN NAVD 88. USE FEMA'S FIXED CONVERSION FACTOR OF -1.52' FROM NGVD 29 TO NAVD 88. NAVD 88 + 1.52' = NGVD 29

ALL ELEVATIONS SHOWN ON THE

S: 21

T: 55 S R:40 E

LOCATION 1": 300'

SW 145th St



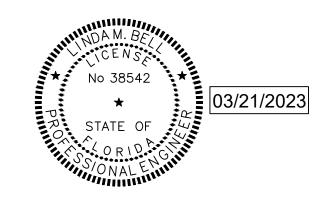
PREPARED FOR:

VILLAGE OF PALMETTO BAY-PUBLIC WORKS DEPT. 9705 EAST HIBISCUS STREET PALMETTO BAY, FL 33157 PH: (305)259-1234 FAX: (305)259-1290 www.palmetto-fl.gov

APPROVED BY Miami-Dade County **RER-DERM WATER**

Note: This Approval is not intended to cover structural des

APPROVED WATER SUPPLY ONLY STATE OF FLORIDA



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.

PROJECT

LOCATION

APPROVED MIAMI DADE COUNTY FIRE DEPARTMENT By: Edwin Sanchez MDFR

PREPARED BY:

CW | Civil Works, Inc.

CONSULTING ENGINEERS 8491 N.W. 17 ST, Suite 108 DORAL, FL. 33126 (305) 591-4323 CÁ 07528 Miami ♦ Coral Springs ♦ Orlando CWI NO. 02204.00

PERMIT SET MARCH 21, 2023

AGREEMENT No. 31878

2. ALL EXISTING MAINS BEING IMPACTED BY THIS PROJECT AND ALL PROPOSED WATER AND FORCE MAIN AND FITTINGS TO BE RESTRAINED PER GS 2.0.

- 3. 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 THE SCOPE AND JURISDICTION OF THE CONTRACTOR'S RIGHT-OF-WAY PERMIT.
- 4. 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 NEW MAINS. ANY ASSOCIATED EXCLUSIVE EASEMENTS SHALL BE CLOSED AND RELEASED AFTER THE REMOVAL OF THE EXISTING WATER AND/OR SEWER FACILITIES.
- 5. ALL WATER AND SEWER CROSSINGS PER GS 1.5
- 6. DEFLECTIONS ARE TO BE 2.5 DEG. MAX.
- 7. METER(S) WILL NOT BE INSTALLED IF METER BOX IS IN DRIVING SURFACE.
- 8. DEVELOPER SHALL PROVIDE MIN. 5-FT FACE-TO-FACE HORIZONTAL SEPARATION FROM THE PROPOSED WATER & SEWER SERVICES TO ALL SURROUNDINGS STRUCTURES OR TREES OR LANDSCAPE FEATURES.
- 9. ALL ELEVATIONS SHOWN ON THE PLANS AND PROFILES ARE IN NAVD 88. USE FEMA'S FIXED CONVERSION FACTOR OF —1.52' FROM NGVD 29 TO NAVD 88. NAVD 88 +1.52' = NGVD 29.
- 10. PROPERTY OWNER SHALL REQUEST WATER METER THRU WASD HOMEPAGE "SET METER REQUEST EXISTING SERVICES WITH METER BOX" AFTER CONVEYANCE OF WATER MAIN.
- 11. THE FOLLOWING ACTIVITIES ON EXISTING WATER SERVICES AND OR EXISTING WATER MAINS SUCH AS:

•CUT AND PLUGS

•WATER MAIN OFFSETS

•NTERCONNECTIONS

•SERVICE INSTALLATIONS / RETIREMENTS/SERVICE TRANSFERS

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 LICENSED 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 DONATION INSPECTOR FOR THE SCHEDULING OF LICENSED OPERATOR TO BE PRESENT FOR PROPOSED ACTIVITY.

NOT PART OF MIAMI-DADE WATER AND SEWER DEPARTMENT NOTES NOR APPROVAL

ENGINEER GENERAL NOTES AND SPECIFICATIONS

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL LOCATIONS. DIMENSIONS. ELEVATIONS AND THE LOCATIONS OF ALL UNDERGROUND STRUCTURES AND UTILITIES PRIOR TO THE START OF CONSTRUCTION. THE LOCATIONS SHOWN ON THE PLANS ARE NOT GUARANTEED ACCURATE OR CORRECT BY THE KNOWN UTILITY COMPANIES
- 2. THE CONTRACTOR SHALL NOTIFY THE OWNER, THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT, VILLAGE OF PALMETTO BAY, THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, MDWASD, RER-DERM, AND ALL OTHER PERMITTING AND JURISICTIONAL AGENCIES, AND THE PROJECT ENGINEER AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION AND REQUIRED INSPECTIONS.
- 3. PIPE INSTALLATION, CLEANING, FLUSHING, TESTING AND DISINFECTION AS PER MDWASD STANDARDS SECTIONS UC-170 AND UC-175.
- 4. AS-BUILT DRAWINGS TO BE PROVIDED BY A LAND SURVEYOR REGISTERED TO PRACTICE IN THE STATE OF FLORIDA. CERTIFIED AS-BUILTS MUST BE SUBMITTED TO AND ACCEPTED BY THE DEPARTMENT AND THE ENGINEER OF RECORD PRIOR TO FINAL CERTIFICATION BY THE ENGINEER OF RECORD. THIS PROJECT MAY NOT BE PLACED INTO
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE ENGINEER OF RECORD WITH COPIES OF THE BACTERIOLOGICAL ANALYSES AND DEPARTMENTSERVICE UNTIL FINAL CLEARANCE IS OBTAINED FROM MIAMI DADE COUNTY ALL SURFACES PRESSURE TEST REPORTS.
- 6. SURFACE RESTORATION, PAVEMENT REPLACEMENT, SIDEWALK REPLACEMENT, TRENCH BACKFILLING AND COMPACTION SHALL COMPLY TO THE LATEST STANDARD SEPARTMENT OF HEALTH AND SPECIFICATIONS AS SET FORTH BY THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT AND VILLAGE OF PALMETTO BAY.
- CONTRACTOR SHALL CONTACT ALL APPLICABLE AGENCIES, LOCAL AND COUNTY GOVERNMENT, INCLUDING BUT NOT LIMITED TO MDWASD AND RER—DERM FOR REQUIRED PRE-CONSTRUCTION MEETING AT THE SITE.
- 8. ALL ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM, (NAVD88)
- 9. THERE MAY BE OTHER EXISTING UTILITIES IN THE AREA WHICH ARE NOT SHOWN ON THE PLANS, DUE TO FAILURE OF THESE UTILITIES TO RESPOND TO OU REQUEST FOR INFORMATION.
- 10. ANY EXISTING PUBLIC WATER SERVICE WITHIN THE PROPERTY IN CONFLICT WITH THE PROPOSED DEVELOPMENT MUST BE REMOVED AFTER ANY ASSOCIATED EASEMENT IS CLOSED AND RELEASED AS APPLICABLE.
- 11. ALL EXISTING MAINS BEING IMPACTED BY THIS PROJECT AND ALL PROPOSED WATER AND FORCE MAIN AND FITTINGS TO BE RESTRAINED PER GS 2.0.

NOT PART OF MIAMI-DADE WATER AND SEWER DEPARTMENT NOTES NOR APPROVAL THE FOLLOWING ARE REQUIREMENTS PER DEPARTMENT OF HEALTH

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 LENGTH 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.

WATER MAIN VERTICAL SEPARATIONS

SEPARATIONS SHALL BE MEASURED OUTSIDE EDGE TO OUTSIDE EDGE BETWEEN WATER MAINS AND STORM SEWERS, STORM WATER FORCE MAINS, OR RECLAIMED WATER LINES, SHALL BE 3 FT <u>MINIMUM.</u>

BETWEEN WATER MAINS AND VACUUM TYPE SEWER PREFERABLY 10 FT, AND AT LEAST 3 FT MINIMUM.

REVISIONS

DATE BY

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

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

DESCRIPTION

|12/20/22| LB | WASD COMMENTS

01/11/23 LB

WASD COMMENTS

ALL PIPES AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL BE COLOR CODED OR MARKED IN ACCORDANCE WITH THE LATEST EDITION OF THE FLORIDA ADMINISTRATIVE CODE (F.A.C. 62-555.320(21)(b)(3) USING BLUE AS A PREDOMINANT COLOR. UNDERGROUND METAL OR CONCRETE PIPE WILL HAVE BLUE STRIPES APPLIED TO THE PIPE WALL. PIPE STRIPING WILL BE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE LONG AXIS OF THE PIPE AND ARE LOCATED AT NO GREATER THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER INSTALLATION OF THE PIPE.

DESCRIPTION

12/20/22

SHS

Manager | Linda Bell, P.E

AA

Submittal | PERMIT

Date

Drawn

Checked

PUBLIC WORKS 9705 EAST HIBISCUS STREET PALMETTO BAY, FL 33157 PH: (305) 259-1234 FAX: (305) 259-1290 www.palmetto-fl.gov

. ALL MATERIALS AND LABOR UNDER THIS PROJECT SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE MIAMI-DADE WATER AND SEWER DEPARTMENT AND SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS AVAILABLE AND ON FILE WITH THE DEPARTMENT. SUBMIT SHOP DRAWINGS FOR ALL MATERIALS.

2. COVER OVER WATER OR SEWER FORCE MAINS SHALL BE 4'-0" MIN.

3. ALL MAIN LINE VALVES SHALL BE INSTALLED COMPLETE WITH 10" RISER PIPES AND NO. 3 OR 53 VALVE BOXES FIRE HYDRANTS AND SERVICE VALVES SHALL BE INSTALLED COMPLETE WITH 6" RISER PIPES AND NO. 2 VALVE BOXES.

4. ALL FORCE MAIN SERVICE CONNECTIONS INTO PRESSURE TRANSMISSION MAINS SHALL HAVE A SHUT OFF VALVE AND CHECK VALVE AT THE POINT OF ENTRY.

5. ALL GRAVITY SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DEPARTMENT STANDARDS.

6. ALL WATER METERS WILL BE INSTALLED BY THE MIAMI-DADE WATER AND SEWER DEPARTMENT, PROVIDING THE APPROPRIATE CHARGES HAVE BEEN PREPAID.

7. FIRE HYDRANT REQUIREMENTS (NUMBER AND LOCATION) SHALL BE AS REQUIRED BY MIAMI-DADE COUNTY FIRE DEPARTMENT OR THE APPROPRIATE FIRE AGENCY WITH INSTALLATION IN ACCORDANCE WITH DEPARTMENT STANDARDS.

8. CONTRACTOR MUST CALL MDWASD INSPECTION DIVISION TO ARRANGE FOR A PRECONSTRUCTION MEETING 2 FULL BUSINESS DAYS PRIOR TO PROPOSED START OF CONSTRUCTION. CONTACT ONE CALL CENTER 48 HRS PRIOR TO

9. CONTRACT INSPECTOR WILL INSPECT ANY FACILITIES APPROVED BY THE DEPARTMENT. ALL OTHER REQUIREMENTS OF THE PERMITTING AGENCY SHALL BE IN ACCORDANCE WITH THEIR STANDARDS AND REQUIREMENTS.

10. WORK PERFORMED UNDER THIS PROJECT WILL NOT BE CONSIDERED AS COMPLETE UNTIL FINAL ACCEPTANCE OF THE SYSTEM BY THE DEPARTMENT AND UNTIL THE FOLLOWING DOCUMENTS ARE RECEIVED AND APPROVED BY THE DEPARTMENT:

a. EASEMENTS, IF REQUIRED

WATER & SEWER DEPARTMEN

APPROVED

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

FLORIDA DEPT. OF HEALTH IN

MIAMI DADE COUNTY

b. CONTRACTOR'S WAIVER AND RELEASE OF LIEN

c. ABSOLUTE BILL OF SALE

d. i. CONTRACTOR'S LETTER OF WARRANTY (I.E., LETTER AGREEMENT) ii DEVELOPER'S CONTRACT BOND (I.E., CONTRACT AGREEMENT).

AND EDGES

LIMEROCK BASE-

12" SUBGRADE

COMPACTED (LBR-40)

(LBR-100)

e. "RECORD DRAWING" PRINTS (24"x 36") SHOWING SPECIFIC LOCATIONS, DEPTH, ETC. OF ALL WATER AND SEWER FACILITIES AS LOCATED BY A LICENSED SURVEYOR & MAPPER, ALONG WITH PRINTS OF "RECORD DRAWINGS" WHICH HAVE BEEN SIGNED AND SEALED BY A REGISTERED SURVEYOR & MAPPER. (No. OF PRINTS: 3-FOR WATER, 4-FOR GRAVITY SEWER AND 5-FOR FORCE MAIN OR PUMP STATION PROJECTS). Submittal of final CAD Files required.

f. H.R.S. LETTER OF RELEASE REQUIRED FOR ALL WATER PROJECTS q. BILL OF SALE SKETCH (8½"x 11") FOR WATER AND SEWER, SEPARATELY

11. ALL NEW CONNECTIONS FROM EXISTING DEPARTMENT MAINS TO BE MADE BY DEPARTMENT FORCES ONLY. THE CONTRACTOR TO EXCAVATE AT REQUIRED LOCATIONS, PROVIDE AND INSTALL MATERIAL WITH FITTINGS. PRIOR TO TAP.

12. AN APPROVED PAVING AND DRAINAGE PLAN MUST BE SUBMITTED TO MDWASD FOR ALL NEW SUBDIVISIONS PRIOR TO APPROVAL OF WATER AND SEWER PERMIT PLANS, UPON REQUEST.

13. UNLESS OTHERWISE SPECIFIED, ALL TAPS 20 INCHES AND SMALLER FOR CONNECTIONS TO EXISTING MAINS WILL BE DONE BY DEPARTMENT FORCES. UNDER NO CIRCUMSTANCES WILL THE CONTRACTOR BE PERMITTED TO TAP EXISTING MAINS IN THE SIZE RANGE SPECIFIED ABOVE. THE TAPPING SLEEVE AND TAPPING VALVE ARE FURNISHED AND INSTALLED BY THE CONTRACTOR

UNDER THE SUPERVISION OF THE INSPECTOR. CROSS SPEC. ITEM RFF. REF. ISSUE DATE APPROVED BY STANDARD DETAIL GS V.F.C. 03/01/2010 STANDARD REQUIREMENTS MIAMI-DADE COUNTY 0.5 07/20/2016 D.V. WATER AND SEWER

CONSTRUCTION

-VARIES-

MIN.

1. AT THE COMPLETION OF ANY WATER AND SEWER JOB EITHER DONATION OR CONTRACT, THE CONTRACTOR SHALL

a. RECORD DRAWING PRINTS WHICH HAVE BEEN SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER (QTY. OF PRINTS AS REQUIRED BY THE DEPARTMENT).

"RECORD DRAWING" FORMAT:

a. 24"x 36" PRINTS

b. PDF FILE c. CADD FILE (DWG OR DXF) ROTATED AND TRANSLATED TO STATE PLANE COORDINATES NAD 83 FLORIDA EAST

d. THE WORDS "RECORD DRAWING" IN LARGE LETTERS e. TITLE BLOCK WITH DEPARTMENT DS, DW OR ER NUMBER AND PERTINENT INFORMATION

f. Preferred scale to be 1"= 40' horizontally and 1"= 4' vertically*

a. STREET NOMENCLATURE

h. Separate record drawings for water and sewer

i. Separate water and sewer profile

i. Stationing starting with 0+00 at permanent reference point (i.e. 6, 2, etc.) or as shown on

DESIGN PERMIT PLANS, AND TO RUN CONTINUOUSLY TO END OF MAIN k. EASEMENTS, IF ANY, TIED TO PERMANENT REFERENCE POINT

I. IDENTIFY ALL CONTROL LINES (I.E. BLDG. LINE, PROPERTY LINE, R/W, ETC.)

m. ALL "PROPOSED" INFORMATION TO BE REMOVED FROM PRINTS. LEAVING ONLY RECORD DRAWING INFORMATION REFLECTED IN DRAWINGS

WATER "RECORD DRAWINGS" MUST INCLUDE:

a. Plans showing pipe size, material and offset of main, deflections (if any), station of services, HYDRANTS, VALVES, FITTINGS, IF ANY, ALL IN STATE PLANE COORDINATES. UTILITY CROSSINGS SHALL BE CLEARLY IDENTIFIED AND LOCATED.

b. Profile showing top of ground and top of Pipe Elevations at Every 100' Station and at any CHANGE IN GRADE (WITH CORRESPONDING STATION), PIPE SIZE AND PIPE MATERIALS REFERENCED TO PLAN.

4. SEWER "RECORD DRAWINGS" MUST INCLUDE:

a. Plan showing manhole number, pipe size and pipe material of pipe, deflection, slope of gravity SEWER, LOCATION OF LATERALS WITH REFERENCE TO MANHOLE AND CLEANOUTS.

b. The northerly and easterly coordinates on all field obtained measurements and provided on ALL RECORD DRAWING SUBMITTALS

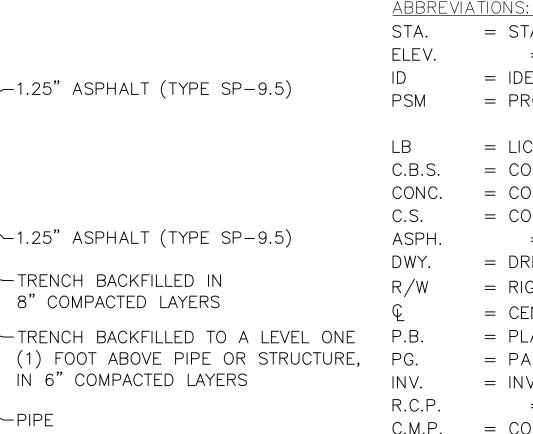
c. Profile showing manhole number (as per plan), RIM and invert elevations (if more than one INVERT, LABEL NORTH, SOUTH, ETC.), AND STATION STATING AT 0+00 AT DOWNSTREAM MANHOLE.

5. FORCE MAIN "RECORD DRAWING" SAME AS WATER MAIN.

* OTHER SCALE MAY BE PERMITTED, BUT MUST BE APPROVED

6. EACH RECORD DRAWING SHALL SHOW THE FLORIDA STATE PLANE COORDINATES (CURRENT READJUSTMENT) OF ALL THE MANHOLES AND VALVES AND OF AT LEAST TWO HORIZONTAL CONTROL POINTS PROPERLY IDENTIFIED AND LOCATED WITHIN THE PROJECT.

BY THE DEPARTMENT PRIOR TO PREPARATION OF DRAWINGS. ITEM REF. REF. ISSUE DATE | APPROVED BY STANDARD DETAIL GS 03/11/2009 V.F.C. MIAMI-DADE "RECORD DRAWING" 07/20/2016 D.V. COUNTY REQUIREMENTS SHEET 2 OF 2



TRENCH RESTORATION DETAIL NOT PART OF M-DWASD REVIEW NOR APPROVAL

SHEET 1 OF 2

TRENCH PAVEMENT RESTORATION 1.25" ASPHALT (TYPE SP-9.5) 8" LIMEROCK BASE (LBR-100) 12" SUBGRADE COMPACTED (LBR-40)

03/21/2023

 $\mathcal{Y}_{\mathcal{A}}$

VARIES

ENTIRE ROADWAY PAVEMENT RESURFACING 1.25" ASPHALT (TYPE SP-9.5) ALONG EDGE OF PAVEMENT AT EVERY DRIVEWAY MILL 1" THICK, 12" WIDE BEFORE RESURFACING.

MIAMI-DADE WATER AND SEWER DEPARTMENT WATER PERMIT SEWER PERMIT APPROVED AS REVISED ancisco Cano
REVIEWER'S NAME
SIGNATI IDE 5/26/2023

THIS ACCEPTANCE IS VALID FOR TWO YEARS AND DOES NOT RELIEVE

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY LINDA M. BELL, P.E. 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.

ELEV. = ELEVATION = IDENTIFICATION = PROFESSIONAL SURVEYOR & MAPPERS LB = LICENSED BUSINESS C.B.S. = CONCRETE, BLOCK, STUCCO = CONCRETE C.S. = CONCRETE SLAB ASPH. = ASPHALT = DRIVEWAY = RIGHT OF WAY = CENTER LINE = PLAT BOOK = PAGE = INVERT = REINFORCED CONCRETE P = CORRUGATED METAL PIPE C.M.P. = POLYVINYL CLORIDE POWER POLE ORNAMENTAL TREE PALM TREE TREE SINGLE SUPPORT SIGN WATER VALVE WATER METER MAIL BOX SPOT ELEVATION UNCONFIRMED CONNECTION OF PIPE <u>LINE</u> TYPE: RIGHT OF WAY LINE CENTER LINE SUBDIVISION LINE ELECTRIC LINE SHRUB HEDGE LINE

= STATION

AGREEMENT No. 31878 SW 143 STREET WATER MAIN - OFFSITE IMPROVEMENT

// // WOOD FENCE LINE

_x _x _x _ CHAIN LINK FENCE LINE

METAL FENCE LINE

No 38542

STATE OF

Civil Works, Inc. Consulting Engineers CA 07528 8491 N.W. 17 ST., Suite 108 Doral, FL 33126 (305)591-4323

