

**THIS INSTRUMENT PREPARED BY:**

Angel Petti Rosenberg, Esq.  
Hall & Rosenberg, P.L.  
8850 W. Oakland Park Blvd., Ste. 101  
Sunrise, Florida 33351

**AFTER RECORDING, RETURN TO :**

Angel Petti Rosenberg, Esq.  
Hall & Rosenberg, P.L.  
8850 W. Oakland Park Blvd., Ste. 101  
Sunrise, Florida 33351

6.10

CITY OF LAUDERHILL

**BILL OF SALE**

KNOW ALL MEN BY THESE PRESENT, that Lennar Homes, LLC  
of the 5505 Blue Lagoon Dr., 5<sup>th</sup> Floor of Miami, FL 33126 in the county of  
Miami-Dade and State of Florida, Party of the first part, for and in consideration of the sum  
of Ten Dollars, lawful money of the United States, to be paid by the CITY OF LAUDERHILL, a municipal corporation  
of the State of Florida, 5581 W. Oakland Park Blvd., Lauderhill, Florida, Party of the second part, the receipt whereof  
is hereby acknowledged, has granted, bargained, sold, transferred, and delivered and by these presents does grant,  
bargain, sell, transfer, and deliver unto the said Party of the second part, its successors and assigns, the following  
goods and chattels:

All of the Water and Sewer System Improvements; together with all appurtenances attached thereto, which lie within  
the Public Rights-of-Way or within easements provided for same, in the subdivision of

<u>Calcutta First Addition 80-17</u>	<u>Azalea Isle</u>	<u>494126420670</u>
Plat Name	Subdivision	Parcel ID#

All of the above described as Goodrich Assemblage in "As-Built" Plans which are and  
have been submitted to and recorded by the City and certified as-built quantities and costs breakdown which are  
attached hereto as Exhibit "A".

TO HAVE AND TO HOLD the same unto the said party of the second part, its successors and assigns forever.

The Party of the First part does covenant to and with the Party of the second part, its successors and assigns, that it is  
the lawful owner of the said goods and chattels; that they are free from all encumbrances; that it has good right to sell  
the same aforesaid, and that it will warrant and defend the sale of the said property, goods and chattels hereby made,  
unto the said Party of the second, part, its successors and assigns against the lawful claims and demands of all persons

whomsoever.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 8 day of May, 2024.

Signed, sealed and delivered in presence of:

WITNESS #1

Signature

Print Name

Street Address

City, State, Zip Code

Signature

Print Name

Street Address

City, State, Zip Code

WITNESS #2

Signature

Print Name

Street Address

City, State, Zip Code

STATE OF FLORIDA )

) SS:

COUNTY OF BROWARD )

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, by Greg McPherson, as Vice President of Lennar Homes, and

who is:

☒

Personally Known to me; or

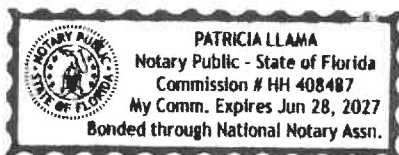
Who has Produced the following type of Identification to me —

WITNESS my hand and official seal in the County and State last aforesaid this 8 day of May, 2024.

Notary Public - State of Florida

Typed, printed or stamped name of Notary Public

My Commission Expires:



# **Exhibit A**

# GOODRICH ASSEMBLAGE

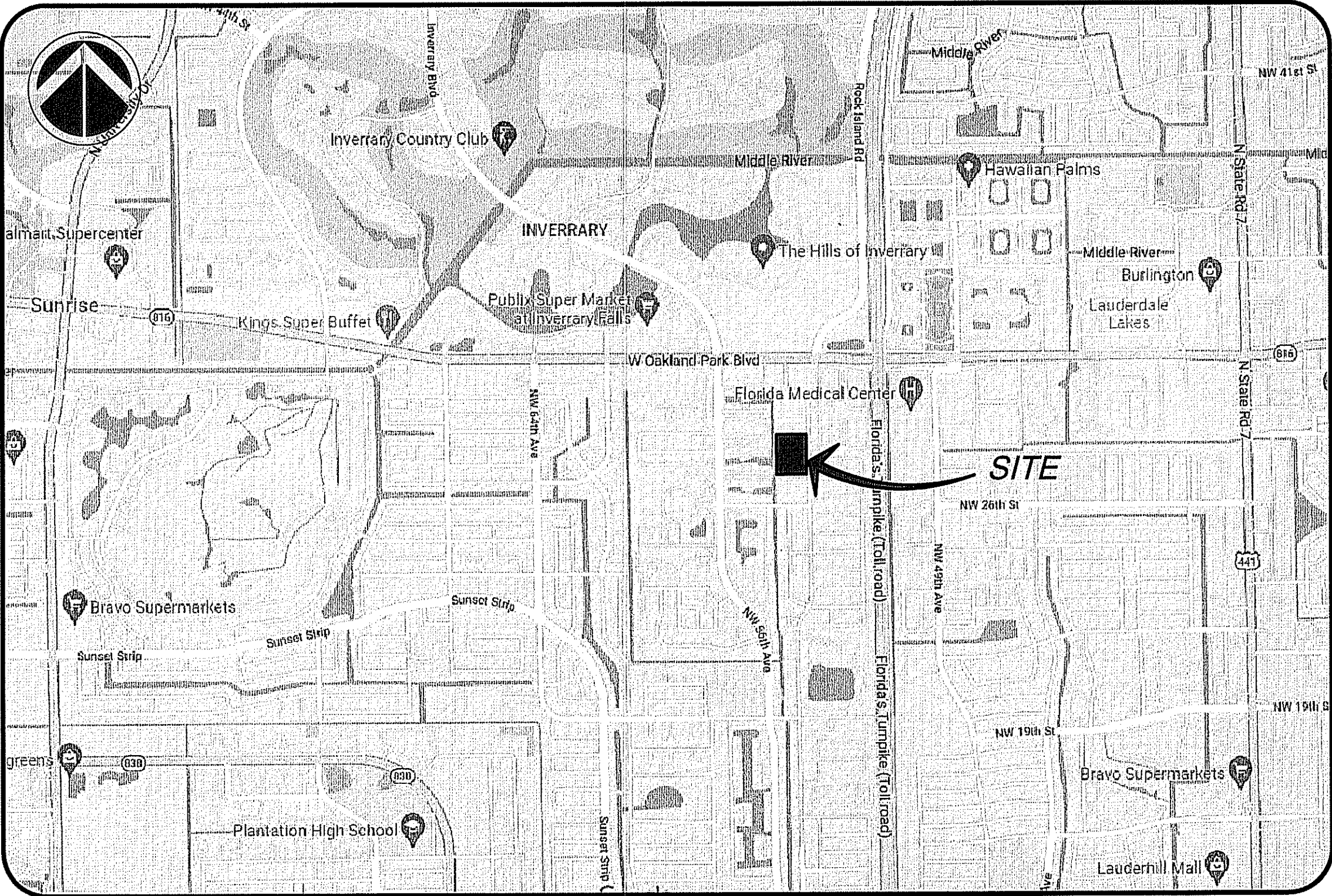
## City of Lauderhill, Broward County, FL

### AS- BUILT WATER

**OWNER:**  
LENNAR HOMES, LLC  
GREG McPHERSON  
730 NW 107TH AVE. STE 103  
MIAMI, FL. 33172  
(305) 229-6400  
EMAIL: greg.mcpherson@lennar.com

**CIVIL ENGINEER:**  
SUN-TECH ENGINEERING, INC.  
4577 NOB HILL ROAD SUITE 102  
SUNRISE, FL 33351  
(954) 777-3123  
(954) 777-3114 (FAX)  
EMAIL: mgai@suntecheng.com

**SURVEYOR:**  
CAULFIELD & WHEELER, INC.  
7900 GLADES ROAD SUITE 100  
BOCA RATON, FL 33434  
(561) 392-1991  
EMAIL: info@cwiasoc.com



SECTION 26, TOWNSHIP 49 SOUTH, RANGE 41 EAST  
LOCATION MAP  
N.T.S.

INDEX OF DRAWINGS	
SHEET NO.	TITLE
	COVER SHEET
GN1, GN2	GENERAL NOTES
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WS1 - WS3	WATER AND SEWER PLAN
WS3.1	OFF-SITE WATER MAIN CONNECTION
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PMS1 - PMS3	PAVEMENT MARKING & SIGNAGE PLAN
SWPP1 - SWPP4	STORMWATER POLLUTION PREVENTION PLAN AND DETAILS

**LEGAL DESCRIPTION:**  
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COMMENCE AT THE NORTHWEST CORNER OF THE EAST 1/2 OF THE WEST 1/2 OF SAID SECTION 26, TOWNSHIP 49 SOUTH, RANGE 41 EAST; THENCE RUN SOUTH 89°58'30" EAST, ALONG NORTH LINE OF SAID SECTION 26, FOR 2223.15 FEET; THENCE RUN SOUTH 0°55'10" EAST, ALONG A LINE PARALLEL TO AND 1740.00 FEET WEST OF AS MEASURED AT RIGHT ANGLE TO THE EAST LINE OF SAID SECTION 26, FOR 880.75 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 0°55'10" EAST ALONG SAID LINE FOR 1251.30 FEET TO A POINT LYING ON THE SOUTH BOUNDARY OF SAID TRACT "B" AND THE NORTH RIGHT-OF-WAY OF NORTHWEST 25TH STREET; THENCE RUN SOUTH 89°58'30" EAST ALONG SAID RIGHT-OF-WAY LINE FOR 444.35 FEET TO A POINT OF CURVE; TO THE LEFT HAVING A RADIUS OF 25 FEET, A CENTRAL ANGLE AT 90°57'50" FOR AN ARC DISTANCE OF 39.69 FEET TO A POINT OF TANGENCY; THENCE NORTH 0°56'20" WEST, ALONG THE EAST LINE OF SAID TRACT "B" FOR 1026.32 FEET; THENCE NORTH 89°58'30" WEST, FOR 234.70 FEET; THENCE NORTH 0°55'45" WEST, FOR 199.55 FEET; THENCE NORTH 89°58'30" WEST FOR 234.67 FEET TO THE POINT OF BEGINNING OF SAID LANDS, LYING AND BEING IN LAUDERHILL, BROWARD COUNTY, FLORIDA.  
LESS THE FOLLOWING 2 PARCELS:  
THE WEST 30 FEET THEREOF "A" DEDICATED PUBLIC CANAL RIGHT-OF-WAY PER PLAT BOOK 80, PAGE 17.  
AND  
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SAID LANDS CONTAINING 282,089 SQUARE FEET, 6.7059 ACRES, MORE OR LESS.  
SAID LANDS SITUATE IN THE CITY OF LAUDERHILL, BROWARD COUNTY, FLORIDA.

AS-BUILT LEGEND	
8"x8" TEE	AS-BUILT INFORMATION
STA: 0+58.45(C)	-----
OFFSET: 3.11'	-----
T.O.P. EL. 3.11'	-----
T.O.N.	----- TOP OF NUT ELEVATION
T.O.P.	----- TOP OF PIPE ELEVATION

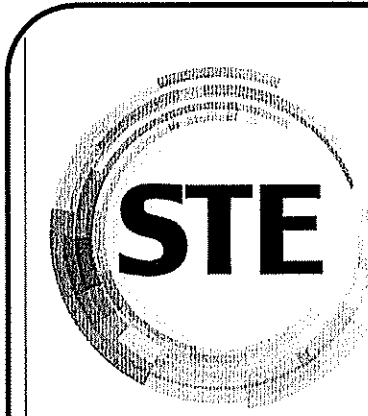


**SURVEYOR'S CERTIFICATION:**  
THIS CERTIFIES THAT THIS AS BUILT SURVEY, WAS PREPARED UNDER MY SUPERVISION AND THAT THIS SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.50 THROUGH 5J-17.52 OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

COUNTY-WIDE LAND SURVEYORS INC. LB 4680

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
JOSEPH L. MARTIN  
PROFESSIONAL SURVEYOR  
& MAPPER PSM# 4368  
STATE OF FLORIDA

## RECORD DRAWING

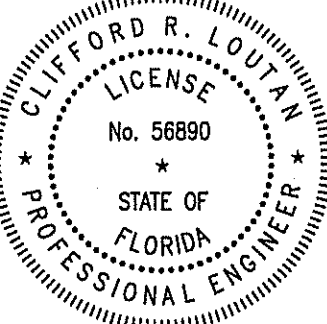


**STE Sun-Tech Engineering, Inc.**  
Engineers • Planners • Surveyors

4577 Nob Hill Road, Suite 102  
Sunrise, FL 33351  
www.suntecheng.com  
Certificate of Auth. #7097/LB 7019  
Phone (954) 777-3123  
Fax (954) 777-3114

**"RECORD DRAWING"**  
THE INFORMATION SHOWN ON THIS RECORD DRAWING WAS SUPPLIED BY **COUNTY-WIDE LAND SURVEYORS, INC.** PROFESSIONAL SURVEYING & MAPPING BUSINESS # 4680, STATE OF FLORIDA. THE ENGINEER'S SIGNATURE AND SEAL AFFIXED TO THIS DRAWING IS ONLY TO BE INTERPRETED TO CONFIRM THAT THE INFORMATION PROVIDED HAS BEEN REVIEWED FOR CONFORMANCE WITH THE APPLICABLE ENGINEERING DESIGN STANDARDS.

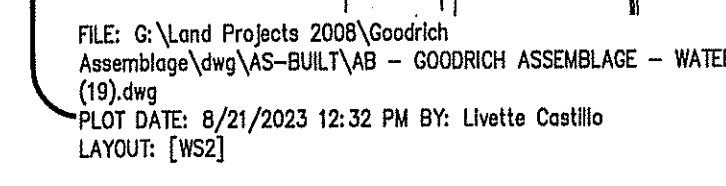
**NOTE:**  
ALL ELEVATIONS IN N.A.V.D. 88



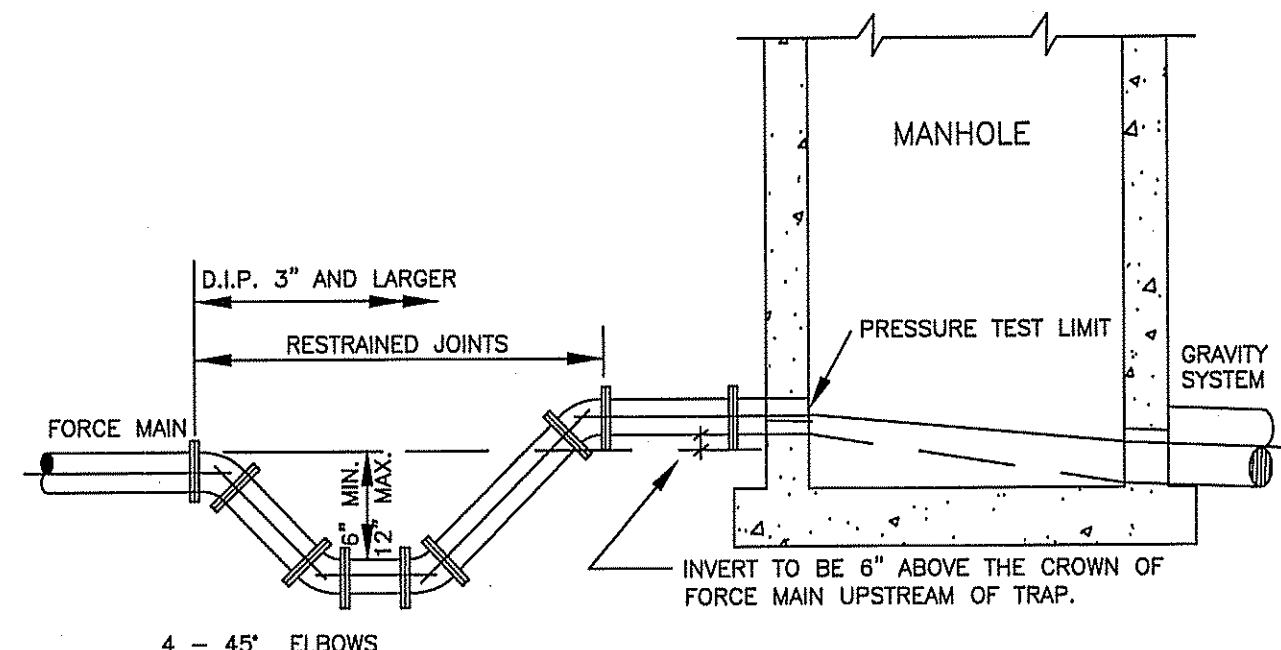
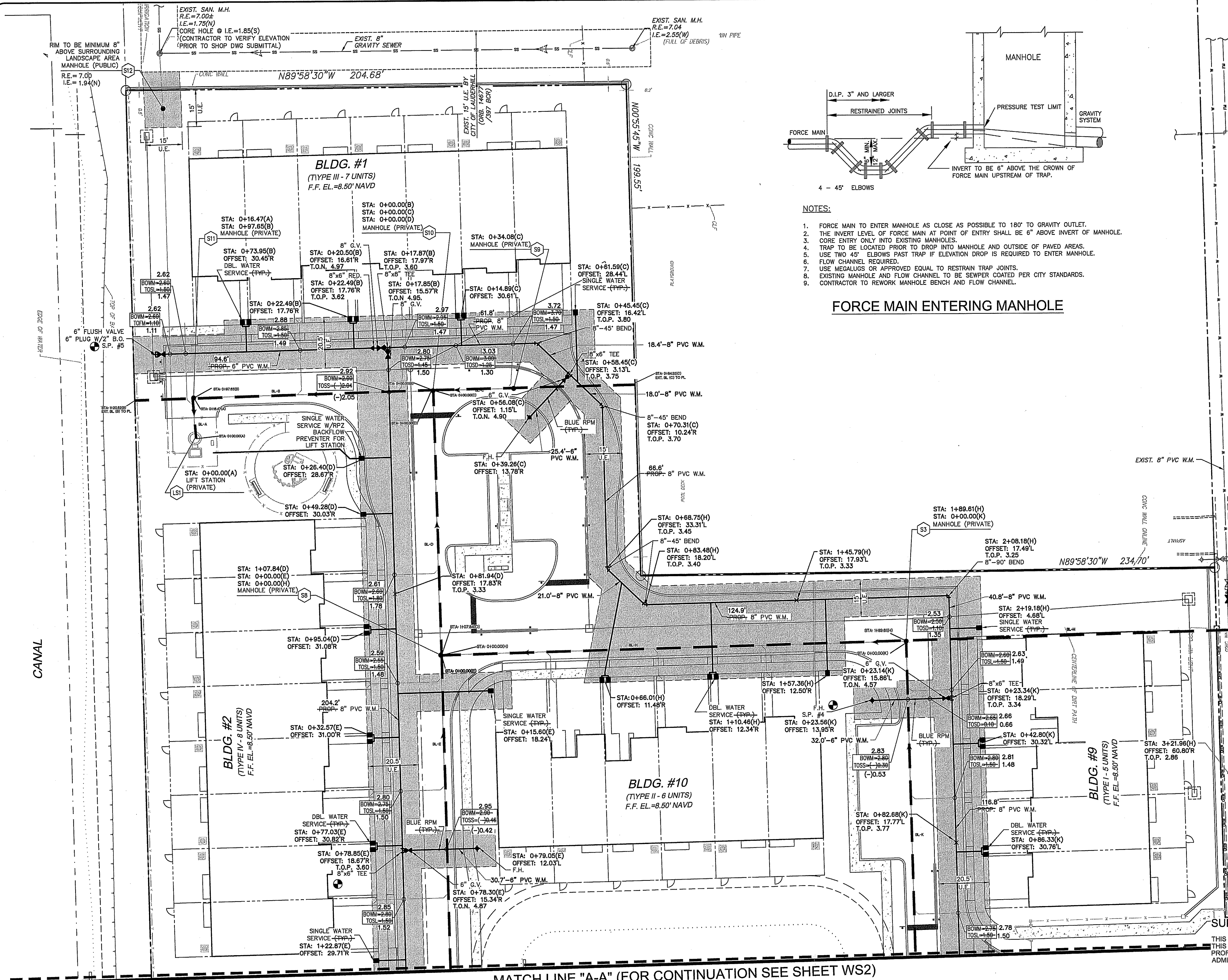
Date: August 18, 2023  
This item has been digitally signed and sealed by CLIFFORD R. LOUTAN, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PROJECT NO. 21-4075  
DESIGN DATE: AUG. 2021



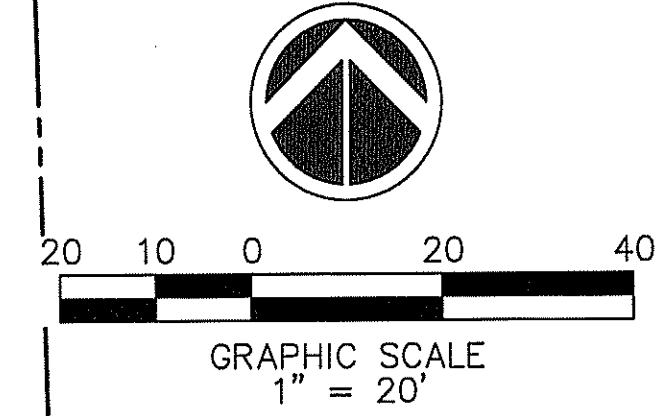






- NOTES:
1. FORCE MAIN TO ENTER MANHOLE AS CLOSE AS POSSIBLE TO 180° TO GRAVITY OUTLET.
  2. THE INVERT LEVEL OF FORCE MAIN AT POINT OF ENTRY SHALL BE 6" ABOVE INVERT OF MANHOLE.
  3. CORE ENTRY ONLY INTO EXISTING MANHOLES.
  4. TRAP TO BE LOCATED PRIOR TO DROP INTO MANHOLE AND OUTSIDE OF PAVED AREAS.
  5. USE TWO 45° ELBOWS PAST TRAP IF ELEVATION DROP IS REQUIRED TO ENTER MANHOLE.
  6. FLOW CHANNEL REQUIRED.
  7. USE MEGALUGS OR APPROVED EQUAL TO RESTRAIN TRAP JOINTS.
  8. EXISTING MANHOLE AND FLOW CHANNEL TO BE SEWER COATED PER CITY STANDARDS.
  9. CONTRACTOR TO REWORK MANHOLE BENCH AND FLOW CHANNEL.

FORCE MAIN ENTERING MANHOLE



NOTE:

1. MINIMUM CLEARANCE BETWEEN WATER, SEWER AND DRAINAGE SHALL BE 3" HORIZONTAL AND 12" VERTICAL.

WATER & SEWER LEGEND

---	PROPERTY LINE
---	RIGHT-OF-WAY LINE
---	DOUBLE WATER METER SERVICE
---	SINGLE WATER METER SERVICE
---	LENGTH, SIZE & TYPE OF WATER MAIN
---	FIRE HYDRANT, GATE VALVE & TEE ASSEMBLY
---	PROPOSED GATE VALVE
---	PROPOSED CHECK VALVE
---	BACTERIOLOGICAL SAMPLING POINT
---	EXISTING OR FUTURE UTILITIES
---	DRAINAGE STRUCTURE w/PIPE
---	D.I.P. PIPE
---	R.E. RIM ELEVATION
---	I.E. INVERT ELEVATION
---	MANHOLE DESIGNATION
---	LENGTH & SLOPE OF PIPE
---	DOUBLE SEWER LATERAL
---	SINGLE SEWER LATERAL
---	CLEAN OUT TO GRADE
---	PROP LIGHT POLE

"RECORD DRAWING"

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BY: CLIFFORD R. LAUTAN, P.E.  
REGISTERED ENGINEER # 56890  
STATE OF FLORIDA

DATE:

SURVEYOR'S CERTIFICATION:

THIS CERTIFIES THAT THIS AS-BUILT SURVEY, WAS PREPARED UNDER MY SUPERVISION AND THAT THIS SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 6J-17.50 THROUGH 6J-17.52 OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

COUNTY-WIDE LAND SURVEYORS INC. LB 4680

AS-BUILT LEGEND

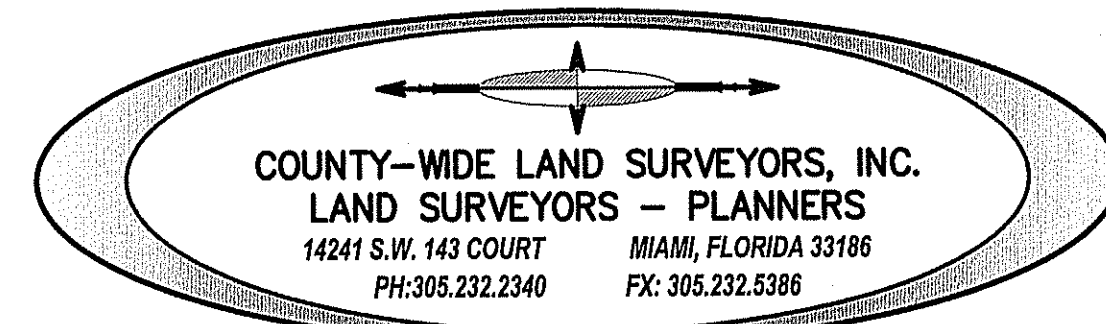
---	8" x 8" TEE
---	STA: 0+58.45(C)
---	OFFSET: 3.13'L
---	T.O.P. EL. 3.11
---	T.O.N. TOP OF NUT ELEVATION
---	T.O.P. TOP OF PIPE ELEVATION

AS-BUILT BY:

AS-BUILT BY:	L.C.
CHECKED BY:	O.G.
AS-BUILT TYPE:	WATER
DATE:	07/17/2023

AS-BUILT REVISION:

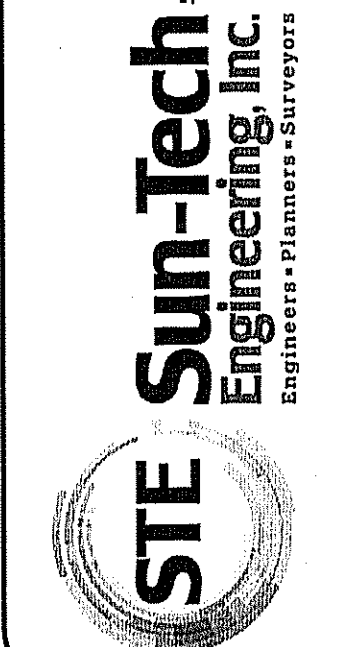
#	DATE	DESCRIPTION	BY
1.	08/17/2023	REVISED PER ENG. COMMENTS	L.C.
2.	08/21/2023	REVISED PER ENG. COMMENTS	L.C.



DATE: BY:

JOSEPH L. MARTIN  
PROFESSIONAL SURVEYOR & MAPPER  
PSM# 4368  
STATE OF FLORIDA

4577 Nob Hill Road, Suite 102  
Sunrise, FL 33351  
www.sun-tech.com  
Certificate of Auth. #7097LB-7019  
Phone (954) 777-3123  
Fax (954) 777-3114



REVISIONS

NO.	DATE	DESCRIPTION
1	6/14/22	PER COUNTY REVIEW & 15' U.E. BY CITY OF LAUDERHILL
2	6/22/22	PER CITY REVIEW

GOODRICH ASSEMBLAGE  
FLORIDA  
WATER AND SEWER PLAN  
CITY OF LAUDERHILL

DATE: AUG. 2021  
SCALE: 1"=20'  
DESIGNED BY: M.G.  
DRAWN BY: M.A.S.  
JOB #: 21-4075

SHEET No.  
WS3



# GOODRICH ASSEMBLAGE

## City of Lauderhill, Broward County, FL

### AS BUILT P&D

**OWNER:**

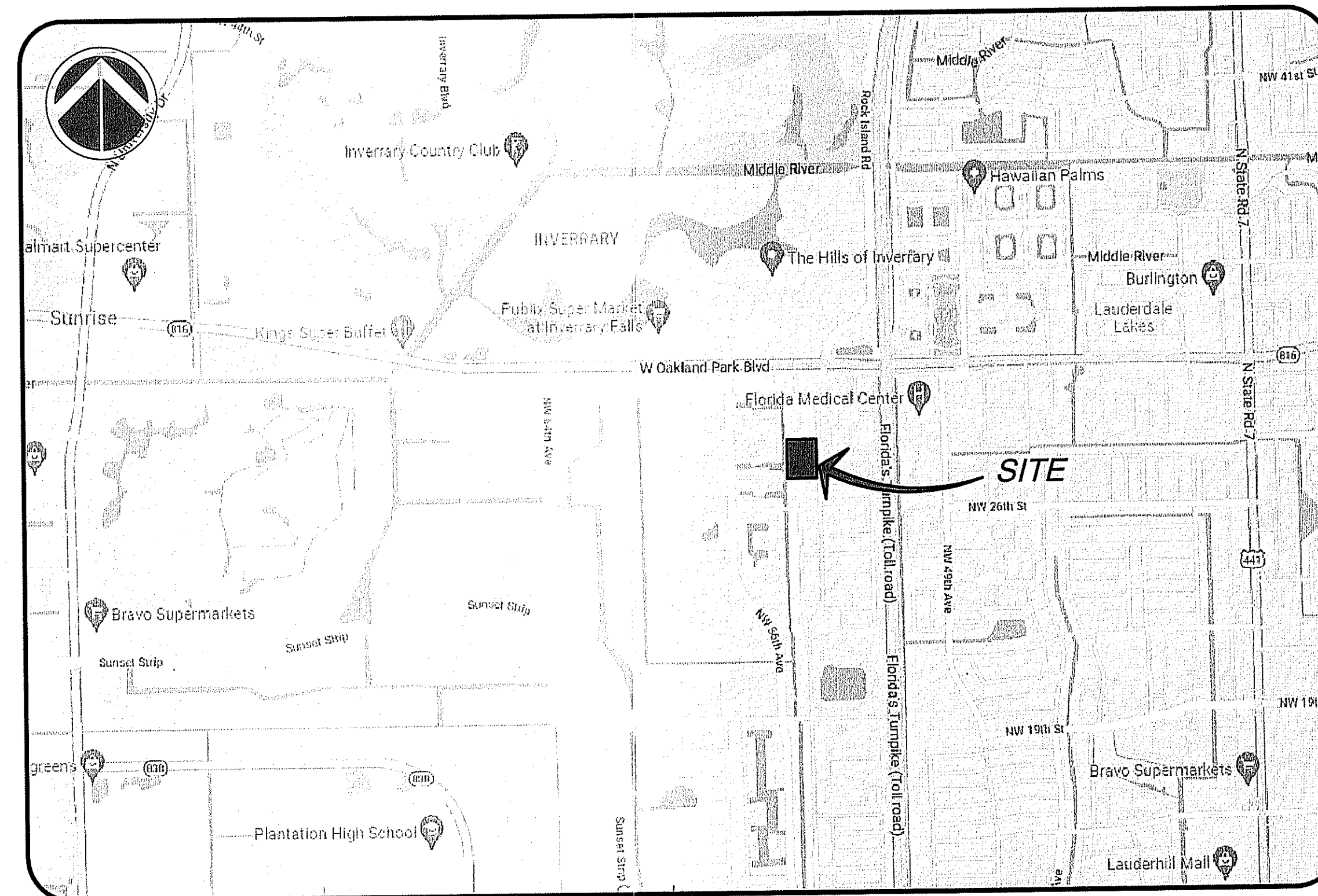
LENNAR HOMES, LLC  
GREG MCPHERSON  
730 NW 107TH AVE. STE 103  
MIAMI, FL. 33172  
(305) 229-6400  
EMAIL: greg.mcpherson@lennar.com

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SUN-TECH ENGINEERING, INC.  
4577 NOB HILL ROAD SUITE 102  
SUNRISE, FL 33351  
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CAULFIELD & WHEELER, INC.  
7900 GLADES ROAD SUITE 100  
BOCA RATON, FL 33434  
(561) 392-1991  
EMAIL: info@cwiasoc.com



SECTION 26, TOWNSHIP 49 SOUTH, RANGE 41 EAST

LOCATION MAP  
N.T.S.

## RECORD DRAWING

Always call 811 two full business days before you dig to  
have underground utilities located and marked.

**Sunshine811.com**

**INDEX OF DRAWINGS**

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SAID LANDS CONTAINING 292,069 SQUARE FEET, 6.7050 ACRES, MORE OR LESS.

SAID LANDS SITUATE IN THE CITY OF LAUDERHILL, BROWARD COUNTY, FLORIDA.

**"RECORD DRAWING"**

THE INFORMATION SHOWN ON THIS RECORD DRAWING WAS SUPPLIED BY **COUNTY-WIDE LAND SURVEYORS, INC.**, PROFESSIONAL SURVEYING & MAPPING BUSINESS # 4680, STATE OF FLORIDA. THE ENGINEER'S SIGNATURE AND SEAL AFFIXED TO THIS DRAWING IS ONLY TO BE INTERPRETED TO CONFIRM THAT THE INFORMATION PROVIDED HAS BEEN REVIEWED FOR CONFORMANCE WITH THE APPLICABLE ENGINEERING DESIGN STANDARDS.

**NOTE:**  
ALL ELEVATIONS IN N.A.V.D. 88

Date: October 26, 2023  
This item has been digitally signed and sealed by  
CLIFFORD R. LAUTAN, 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.

PROJECT NO. 21-4075  
DESIGN DATE: AUG. 2021

DATE: \_\_\_\_\_

BY: **CLIFFORD R. LAUTAN, P.E.**  
REGISTERED ENGINEER # 56890  
STATE OF FLORIDA

SHEET 1 OF 4

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JOSEPH L. MARTIN, PSM # 4368 USING A DIGITAL SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED WITHOUT THE SIGNATURE AND EMBOSSED SEAL OF A FLORIDA LICENSED SURVEYOR. THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

JOSEPH L. MARTIN  
PROFESSIONAL SURVEYOR  
& MAPPER PSM# 4368  
STATE OF FLORIDA

DATE: 10/26/2023 BY: \_\_\_\_\_

**SURVEYOR'S CERTIFICATION:**

THIS CERTIFIES THAT THIS AS BUILT SURVEY, WAS PREPARED UNDER MY SUPERVISION AND THAT THIS SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 6J-17.50 THROUGH 6J-17.62 OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

COUNTY-WIDE LAND SURVEYORS INC. LB 4680

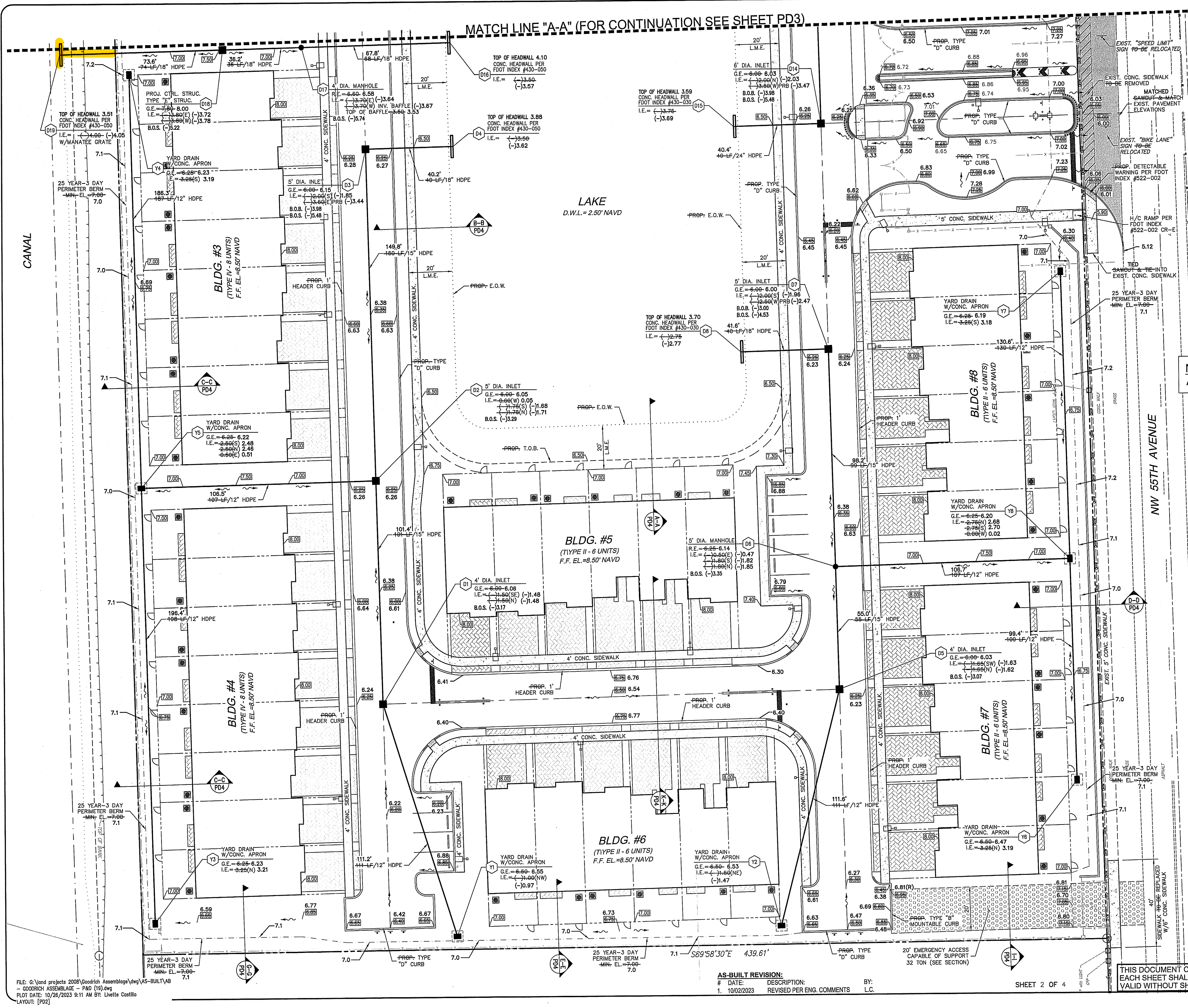
THIS DOCUMENT CONSISTS OF 4 SHEETS AND EACH SHEET SHALL NOT BE CONSIDERED VALID WITHOUT SHEET 1.

AS-BUILT LEGEND
11.6' --- AS-BUILT INFORMATION
11.6' --- AS-BUILT RIM ELEVATION
11.6' --- AS-BUILT INVERT ELEVATION
11.6' --- BOTTOM OF BAFFLE ELEVATION
11.6' --- BOTTOM OF STRUCTURE ELEVATION

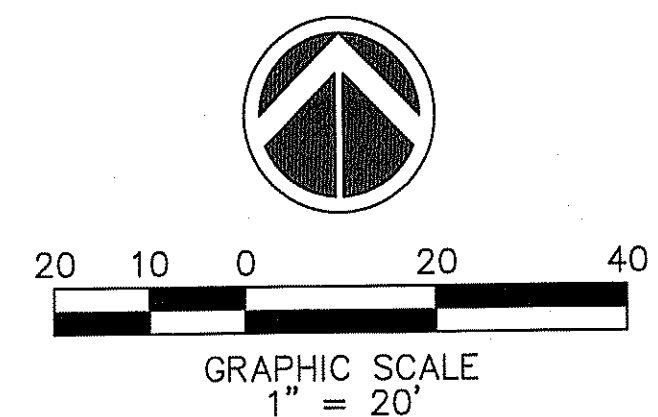
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CHECKED BY:	O.G.
AS-BUILT TYPE:	DRAINAGE
DATE:	08/04/2023

<b><u>AS-BUILT DRAWINGS</u></b>	
SHEET #	DESCRIPTION
CS - 1	COVER PAGE
PD2 - PD3	AS-BUILT PLAN DRAWING
PD4	AS-BUILT DETAILS





MATCH LINE "A-A" (FOR CONTINUATION SEE SHEET PD3)



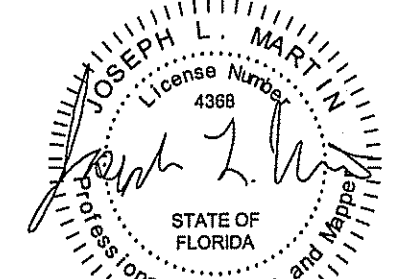
PAVING & DRAINAGE LEGEND	
---	PROPERTY LINE
---	RIGHT-OF-WAY LINE
R.E.	RIM ELEVATION
G.E.	GRATE ELEVATION
I.E.	INVERT ELEVATION
---	DIRECTION OF FLOW
150' @ 0.5%	PAVEMENT SLOPE
P.R.B.	POLLUTION RETARDANT BASIN
F.F. = 10.00	FINISHED FLOOR ELEVATION
---	EXISTING OR FUTURE UTILITIES
---	STRUCTURE DESIGNATION
---	LENGTH, SIZE OF STORM DRAIN
---	EXISTING GRADE
---	PROPOSED GRADE
---	D.I.P. PIPE

NOTE:  
ALL ELEVATIONS IN N.A.V.D. 88

"RECORD DRAWING"  
THE INFORMATION SHOWN ON THIS RECORD DRAWING WAS  
SUPPLIED BY COUNTY-WIDE LAND SURVEYORS, INC.,  
PROFESSIONAL SURVEYING & MAPPING BUSINESS # 4680, STATE OF  
FLORIDA. THE ENGINEER'S SIGNATURE AND SEAL AFFIXED TO THIS  
DRAWING IS ONLY TO BE INTERPRETED TO CONFIRM THAT THE  
INFORMATION PROVIDED HAS BEEN REVIEWED FOR  
CONFORMANCE WITH THE APPLICABLE ENGINEERING DESIGN  
STANDARDS.

BY: CLIFFORD R. LAUTAN, P.E.  
REGISTERED ENGINEER # 56890  
STATE OF FLORIDA  
DATE: \_\_\_\_\_

SURVEYOR'S CERTIFICATION:  
THIS CERTIFIES THAT THIS AS BUILT SURVEY WAS PREPARED  
UNDER MY SUPERVISION AND THAT THIS SURVEY MEETS THE  
STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF  
PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.50  
THROUGH 5J-17.52 OF THE FLORIDA ADMINISTRATIVE CODE,  
PURSUANT TO SECTION 472.027 FLORIDA STATUTES.  
COUNTY-WIDE LAND SURVEYORS, INC. LB 4680



DATE: 10/26/2023 BY: JOSEPH L. MARTIN  
PROFESSIONAL SURVEYOR  
& MAPPER PSM # 4368  
STATE OF FLORIDA

THIS DOCUMENT CONSISTS OF 4 SHEETS AND  
EACH SHEET SHALL NOT BE CONSIDERED  
VALID WITHOUT SHEET 1.

SHEET 2 OF 4

AS-BUILT REVISION:  
# DATE: DESCRIPTION: BY:  
1. 10/02/2023 REVISED PER ENG. COMMENTS L.C.

AS BUILT RECORD DRAWING

GOODRICH ASSEMBLAGE  
PAVING, GRADING  
AND DRAINAGE PLAN  
FLORIDA  
CITY OF LAUDERHILL

DATE: AUG. 2021  
SCALE: 1"=20'  
DESIGNED BY: M.G.  
DRAWN BY: M.A.S.  
JOB #: 21-4075

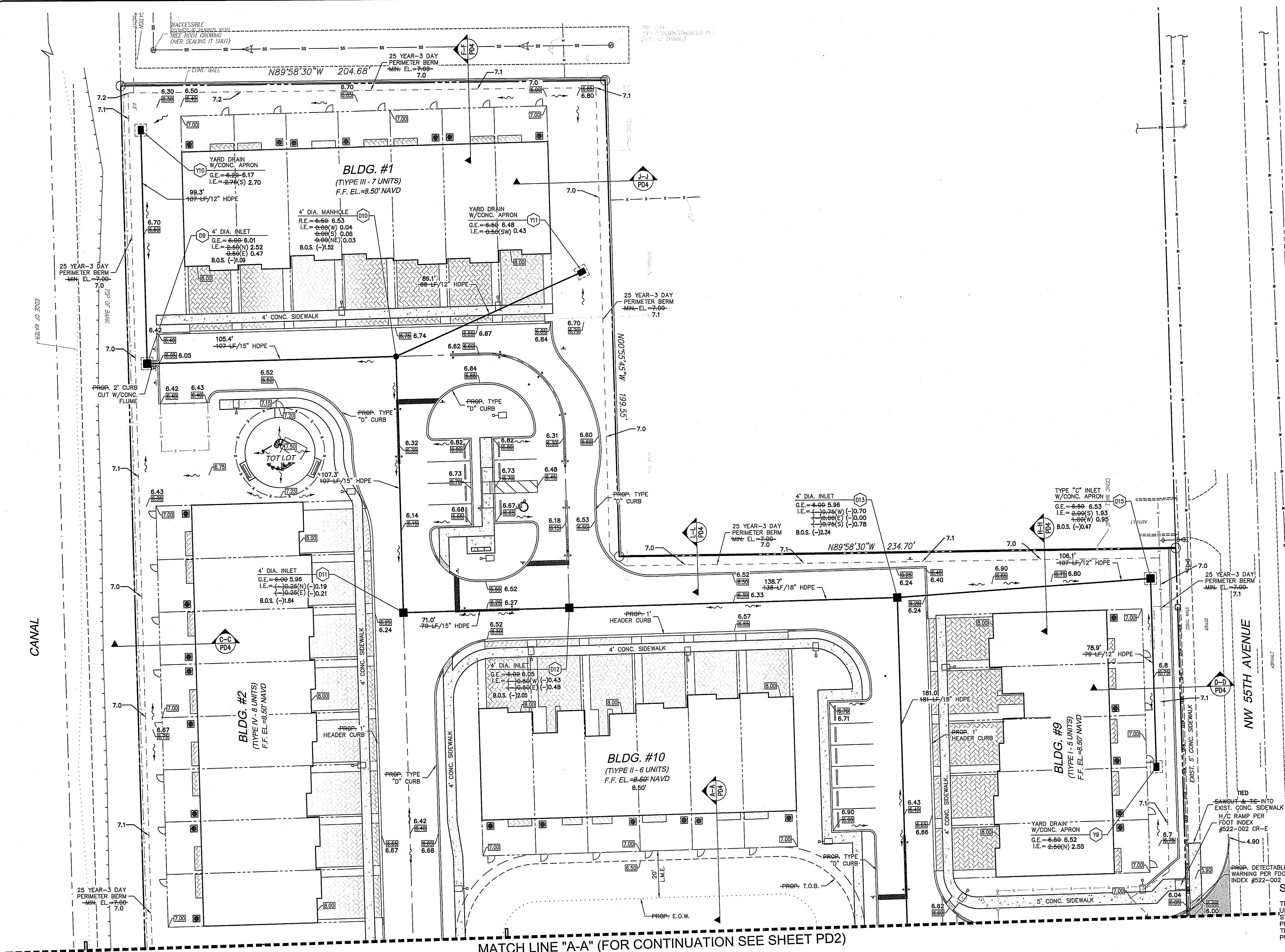
SHEET No.  
PD2

4577 N.W. 11th Road, Suite 102  
Fort Lauderdale, FL 33305  
www.suntech.com  
Sun-Tech  
Engineering, Inc.  
Engineers & Planners  
Certificate of Auth. #7037/LB 7019  
Phone (954) 777-3123  
Fax (954) 777-3114



G:\land projects 2008\Goodrich Assemblage.dwg\AS-BUILT\AB - GOODRICH ASSEMBLAGE - P&D (19).dwg, PD3, 1:1

FILE: G:\land projects 2008\Goodrich Assemblage.dwg\AS-BUILT\AB - GOODRICH ASSEMBLAGE - P&D (19).dwg  
PLOT DATE: 10/26/2023 2:20 PM BY: Livette Castillo  
LAYOUT: [PD3]



GRAPHIC SCALE  
1" = 20'

PAVING & DRAINAGE LEGEND

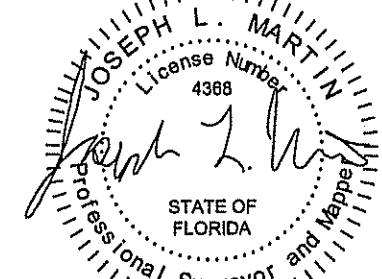
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- R.E. RIM ELEVATION
- G.E. GRATE ELEVATION
- I.E. INVERT ELEVATION
- DIRECTION OF FLOW
- 150' @ 0.5% PAVEMENT SLOPE
- P.R.B. POLLUTION RETARDANT BASIN
- F.F. = 10.00 FINISHED FLOOR ELEVATION
- EXISTING OR FUTURE UTILITIES
- STRUCTURE DESIGNATION
- LENGTH, SIZE OF STORM DRAIN
- EXISTING GRADE
- PROPOSED GRADE
- D.I.P. PIPE

"RECORD DRAWING"  
THE INFORMATION SHOWN ON THIS RECORD DRAWING WAS SUPPLIED BY COUNTY-WIDE LAND SURVEYORS, INC. PROFESSIONAL SURVEYING & MAPPING BUSINESS #4680, STATE OF FLORIDA. THE ENGINEER'S SIGNATURE AND SEAL AFFIXED TO THIS DRAWING IS ONLY TO BE INTERPRETED TO CONFIRM THAT THE INFORMATION PROVIDED HAS BEEN REVIEWED FOR CONFORMANCE WITH THE APPLICABLE ENGINEERING DESIGN STANDARDS.

BY: CLIFFORD R. LAUTAN, P.E.  
REGISTERED ENGINEER #56890  
STATE OF FLORIDA

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COUNTY-WIDE LAND SURVEYORS INC. LB 4680

THIS DOCUMENT CONSISTS OF 4 SHEETS AND EACH SHEET SHALL NOT BE CONSIDERED VALID WITHOUT SHEET 1.



AS-BUILT REVISION:

#	DATE	DESCRIPTION	BY
1.	10/02/2023	REVISED PER ENG. COMMENTS	L.C.

DATE: XXX/2023 BY: JOSEPH L. MARTIN  
PROFESSIONAL SURVEYOR & MAPPER PSM# 4368  
STATE OF FLORIDA

AS BUILT RECORD DRAWING

GOODRICH ASSEMBLAGE  
PAVING, GRADING  
AND DRAINAGE PLAN

CITY OF LAUDERHILL  
FLORIDA

REVISIONS

NO.	DATE	DESCRIPTION
1	6/22/22	REV. 110 G.E. TO 6.20

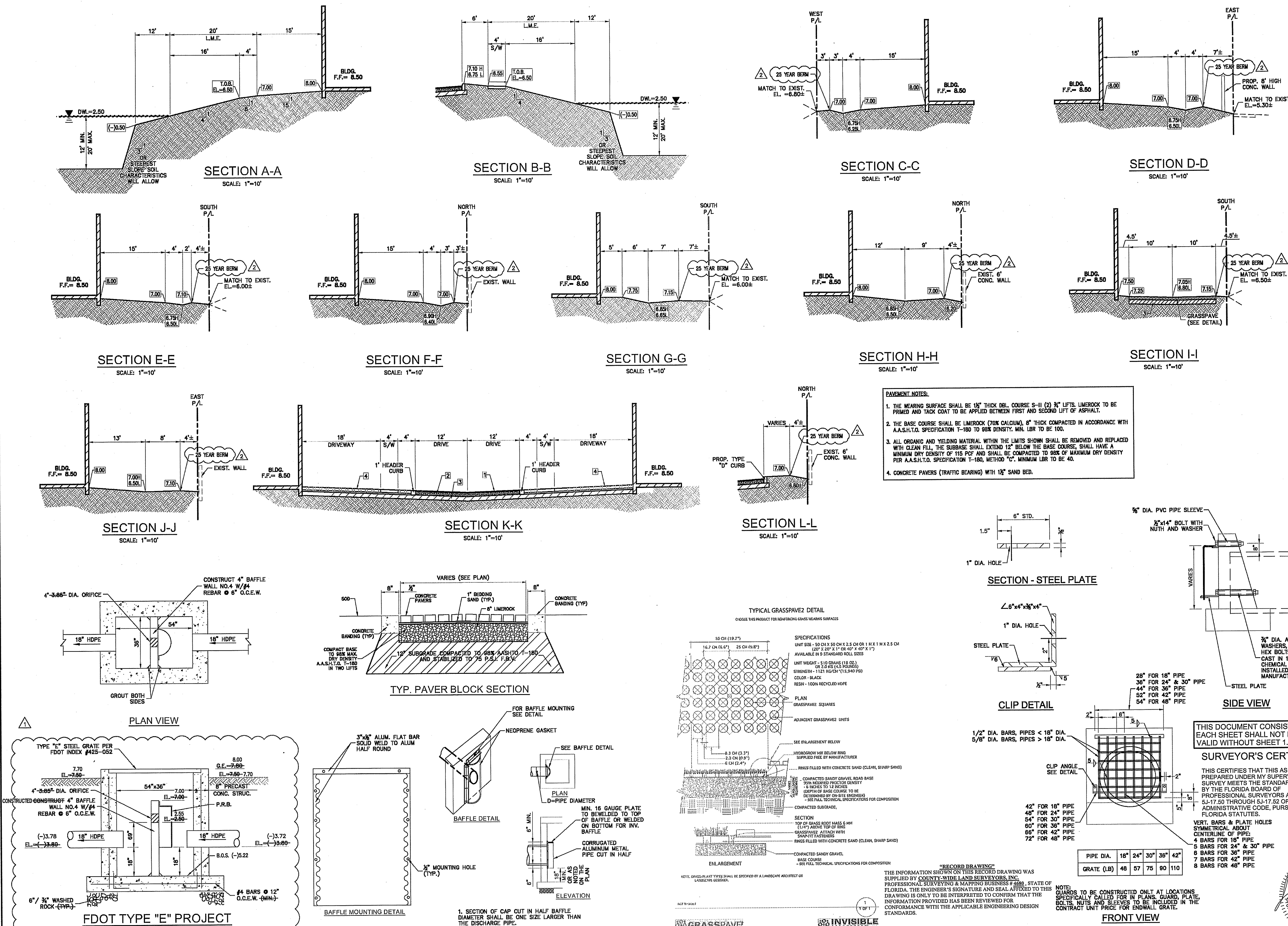
4577 N. Hill Road, Suite 102  
Sunrise, FL 33351  
www.suntecheng.com

**Sun-Tech**  
Engineering, Inc.  
Engineers & Planners - Surveyors

STE

Certificate of Auth. #7097/LB 7019  
Phone (954) 777-3123  
Fax (954) 777-3114



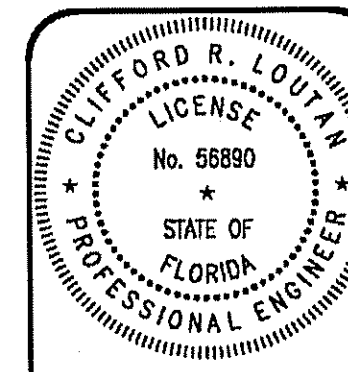


AS BUILT RECORD DRAWING

GOODRICH ASSEMBLY

CITY OF POMPANO BEACH  
FLORIDA  
PAVING & DRAINAGE DETAILS

DATE: AUG. 2021  
SCALE: 1"=10'  
DESIGNED BY: M.G.  
DRAWN BY: M.A.S.  
JOB #: 21-4075



Date: October 6, 2022  
This item has been digitally signed and sealed by CLIFFORD R. LOUTAN, 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.

SHEET No.  
PD4

NO.	DATE	DESCRIPTION
1	5/16/22	REV. PER BC SIML
2	7/13/22	ADD 25 YEAR BERM ON SECTIONS PER COUNTY REVIEW

4577 Nob Hill Road, Suite 102  
Sunrise, FL 33351  
www.suntecheng.com  
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Phone (954) 777-3114  
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**Sun-Tech Engineering, Inc.**  
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# GOODRICH ASSEMBLAGE

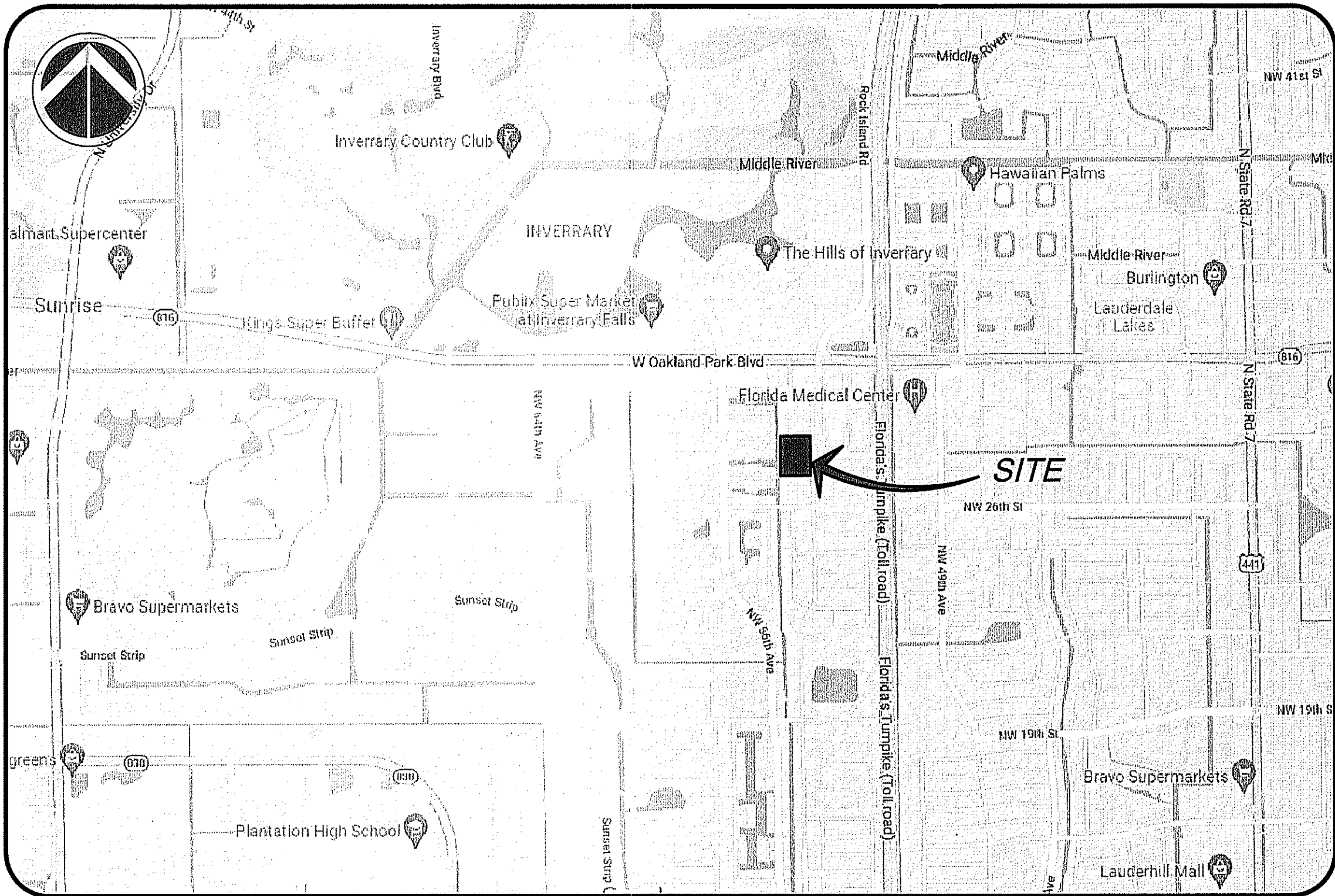
## City of Lauderdale, Broward County, FL

### AS BUILT SEWER

**OWNER:**  
LENNAR HOMES, LLC  
GREG McPHERSON  
730 NW 107TH AVE. STE 103  
MIAMI, FL. 33172  
(305) 229-6400  
EMAIL: greg.mcpherson@lennar.com

**CIVIL ENGINEER:**  
SUN-TECH ENGINEERING, INC.  
4577 NOB HILL ROAD SUITE 102  
SUNRISE, FL 33351  
(954) 777-3123  
(954) 777-3114 (FAX)  
EMAIL: mgai@suntecheng.com

**SURVEYOR:**  
CAULFIELD & WHEELER, INC.  
7900 GLADES ROAD SUITE 100  
BOCA RATON, FL 33434  
(561) 392-1991  
EMAIL: info@cwiasoc.com



INDEX OF DRAWINGS	
SHEET NO.	TITLE
	COVER SHEET
-GN1, GN2	GENERAL NOTES
-PD1 - PD3	PAVING, GRADING & DRAINAGE PLAN
-PD4 - PD6	PAVING & DRAINAGE DETAILS
-WS1 - WS3	WATER AND SEWER PLAN
-WS3.1	OFF-SITE WATER MAIN CONNECTION
-WS4 - WS6	WATER AND SEWER DETAILS
-SSP1 - SSP2	SANITARY SEWER PROFILES
-PMS1 - PMS3	PAVEMENT MARKING & SIGNAGE PLAN
-SWPP1 - SWPP4	STORMWATER POLLUTION PREVENTION PLAN AND DETAILS

**LEGAL DESCRIPTION:**

A PORTION OF TRACT "B", IN SECTION 26, TOWNSHIP 49 SOUTH, RANGE 41 EAST, AS SHOWN ON THE PLAT OF CALCUTTA FIRST ADDITION, AS RECORDED IN PLAT BOOK 80, PAGE 17, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
COMMENCE AT THE NORTHWEST CORNER OF THE EAST 1/2 OF THE WEST 1/2 OF SAID SECTION 26, TOWNSHIP 49 SOUTH, RANGE 41 EAST; THENCE RUN SOUTH 89°58'30" EAST, ALONG NORTH LINE OF SAID SECTION 26, FOR 2223.15 FEET; THENCE RUN SOUTH 0°55'10" EAST, ALONG A LINE PARALLEL TO AND 1748.00 FEET WEST OF AS MEASURED AT RIGHT ANGLE TO THE EAST LINE OF SAID SECTION 26, FOR 890.75 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 0°55'10" EAST ALONG SAID LINE FOR 1251.30 FEET TO A POINT LYING ON THE SOUTH BOUNDARY OF SAID TRACT "B" AND THE NORTH RIGHT-OF-WAY OF NORTHWEST 25TH STREET; THENCE RUN SOUTH 89°58'30" EAST ALONG SAID RIGHT-OF-WAY LINE FOR 444.35 FEET TO A POINT OF CURVE TO THE LEFT HAVING A RADIUS OF 25 FEET, A CENTRAL ANGLE AT 90°57'50" FOR AN ARC DISTANCE OF 39.66 FEET TO A POINT OF TANGENCY; THENCE NORTH 0°56'20" WEST, ALONG THE EAST LINE OF SAID TRACT "B" FOR 1026.32 FEET; THENCE NORTH 89°58'30" WEST, FOR 234.70 FEET; THENCE NORTH 0°55'10" WEST, FOR 199.55 FEET; THENCE NORTH 89°58'30" WEST FOR 234.67 FEET TO THE POINT OF BEGINNING OF SAID LANDS, LYING AND BEING IN LAUDERHILL, BROWARD COUNTY, FLORIDA.  
LESS THE FOLLOWING 2 PARCELS:

THE WEST 30 FEET THEREOF "A" DEDICATED PUBLIC CANAL RIGHT-OF-WAY PER PLAT BOOK 80, PAGE 17.

AND

THE SOUTH 480 FEET OF TRACT "B", OF CALCUTTA FIRST ADDITION, AS RECORDED IN PLAT BOOK 80, PAGE 17, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

ALSO KNOWN AS

A PORTION OF TRACT "B", IN SECTION 26, TOWNSHIP 49 SOUTH, RANGE 41 EAST, AS SHOWN ON THE PLAT OF CALCUTTA FIRST ADDITION, AS RECORDED IN PLAT BOOK 80, PAGE 17, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
COMMENCE AT THE SOUTHWEST CORNER OF SAID TRACT "B", SAID POINT LYING ON THE NORTH RIGHT-OF-WAY LINE OF NORTHWEST 20TH STREET; THENCE NORTH 0°55'10" WEST ALONG THE WEST LINE OF SAID TRACT "B", A DISTANCE OF 480.07 FEET TO A POINT OF INTERSECTION WITH THE NORTH LINE OF THE SOUTH 480.00 FEET OF SAID TRACT "B" AND THE POINT OF BEGINNING; THENCE NORTH 89°58'30" EAST ALONG SAID NORTH LINE OF THE SOUTH 480.00 FEET, A DISTANCE OF 469.61 FEET TO A POINT OF INTERSECTION WITH THE EAST LINE OF SAID TRACT "B"; THENCE NORTH 0°56'20" WEST ALONG THE EAST LINE OF SAID TRACT "B", A DISTANCE OF 571.68 FEET; THENCE NORTH 89°58'30" WEST, A DISTANCE OF 234.70 FEET; THENCE NORTH 0°55'45" WEST, A DISTANCE OF 199.55 FEET; THENCE NORTH 89°58'30" WEST FOR 234.67 FEET TO A POINT OF INTERSECTION WITH SAID WEST LINE OF TRACT "B"; THENCE SOUTH 0°55'10" WEST ALONG THE WEST LINE OF SAID TRACT "B", A DISTANCE OF 771.23 FEET TO THE POINT OF BEGINNING.

SAID LANDS CONTAINING 292,069 SQUARE FEET, 6.7050 ACRES, MORE OR LESS.

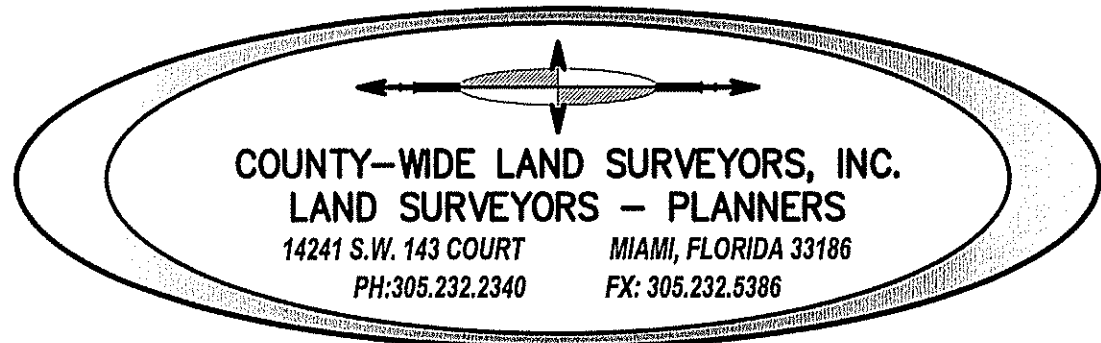
SAID LANDS SITUATE IN THE CITY OF LAUDERHILL, BROWARD COUNTY, FLORIDA.

SECTION 26, TOWNSHIP 49 SOUTH, RANGE 41 EAST  
LOCATION MAP  
N.T.S.

Always call 811 two full business days before you dig to have underground utilities located and marked.



AS-BUILT LEGEND	
N 850000.2523 E 900856.2698 R.E. = 5.80 I.E. = 69920(N) 0.00 47.3'	----- AS-BUILT INFORMATION ----- AS-BUILT RM ELEVATION ----- AS-BUILT INVERT ELEVATION ----- AS-BUILT PIPE LENGTH

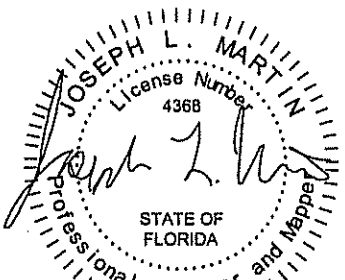


AS-BUILT BY:	L.C.
CHECKED BY:	O.G.
AS-BUILT TYPE:	SEWER
DATE:	07/17/2023

**SURVEYOR'S CERTIFICATION:**

THIS CERTIFIES THAT THIS AS BUILT SURVEY, WAS PREPARED UNDER MY SUPERVISION AND THAT THIS SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 6J-17.50 THROUGH 6J-17.92 OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

COUNTY-WIDE LAND SURVEYORS INC. LB 4680

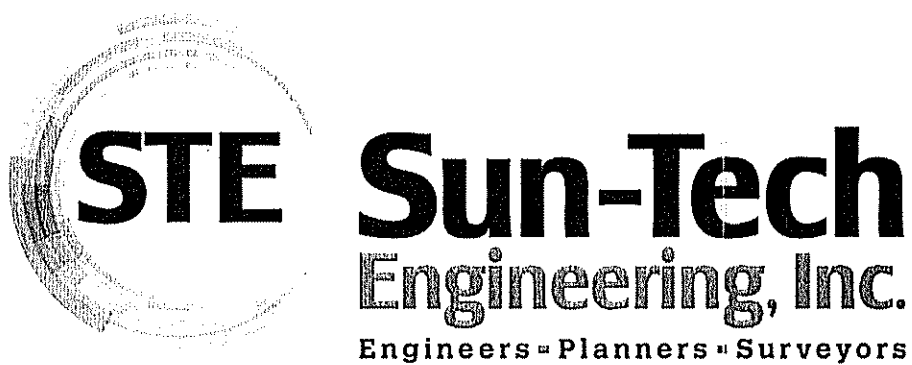


THIS DOCUMENT CONSISTS OF 6 SHEETS AND EACH SHEET SHALL NOT BE CONSIDERED VALID WITHOUT SHEET 1.

DATE: 10/12/2023 BY:

JOSEPH L. MARTIN  
PROFESSIONAL SURVEYOR  
& MAPPER PSM# 4368  
STATE OF FLORIDA

## RECORD DRAWING



4577 Nob Hill Road, Suite 102  
Sunrise, FL 33351  
www.suntecheng.com

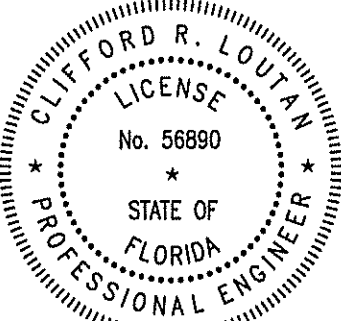
Certificate of Auth. #7097/LB 7019  
Phone (954) 777-3123  
Fax (954) 777-3114

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JOSEPH L. MARTIN, PSM # 4368 USING A DIGITAL SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED WITHOUT THE SIGNATURE AND EMBOSSED SEAL OF A FLORIDA LICENSED SURVEYOR. THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

**"RECORD DRAWING"**  
THE INFORMATION SHOWN ON THIS RECORD DRAWING WAS SUPPLIED BY **COUNTY-WIDE LAND SURVEYORS, INC.** PROFESSIONAL SURVEYING & MAPPING BUSINESS # 4680, STATE OF FLORIDA. THE ENGINEER'S SIGNATURE AND SEAL AFFIXED TO THIS DRAWING IS ONLY TO BE INTERPRETED TO CONFIRM THAT THE INFORMATION PROVIDED HAS BEEN REVIEWED FOR CONFORMANCE WITH THE APPLICABLE ENGINEERING DESIGN STANDARDS.

**NOTE:**  
ALL ELEVATIONS IN N.A.V.D. 88

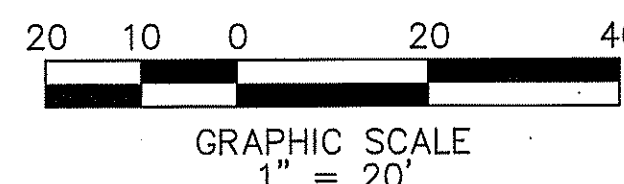
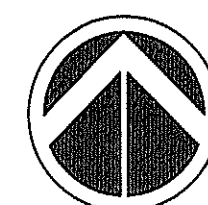
PROJECT NO. 21-4075  
DESIGN DATE: AUG. 2021



Date: October 12, 2023  
This item has been digitally signed and sealed by CLIFFORD R. LOUTAN, 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.



MATCH LINE "A-A" (FOR CONTINUATION SEE SHEET WS3)



NOTE:

1. MINIMUM CLEARANCE BETWEEN WATER, SEWER AND DRAINAGE SHALL BE 3' HORIZONTAL AND 12" VERTICAL.

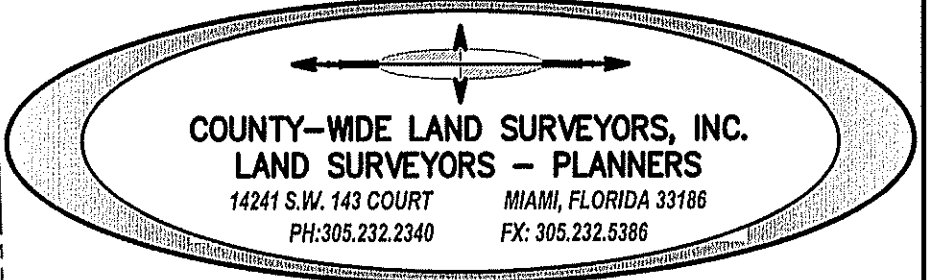
WATER & SEWER LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY LINE
- DOUBLE WATER METER SERVICE
- SINGLE WATER METER SERVICE
- LENGTH, SIZE & TYPE OF WATER MAIN
- FIRE HYDRANT, GATE VALVE & TEE ASSEMBLY
- PROPOSED GATE VALVE
- PROPOSED CHECK VALVE
- BACTERIOLOGICAL SAMPLING POINT
- EXISTING OR FUTURE UTILITIES
- DRAINAGE STRUCTURE w/PIPE
- D.I.P. PIPE
- RIM ELEVATION
- I.E. INVERT ELEVATION
- MANHOLE DESIGNATION
- LENGTH & SLOPE OF PIPE
- DOUBLE SEWER LATERAL
- SINGLE SEWER LATERAL
- CLEAN OUT TO GRADE
- PROP LIGHT POLE

"RECORD DRAWING"  
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BY: CLIFFORD R. LAUTAN, P.E.  
REGISTERED ENGINEER # 56890  
STATE OF FLORIDA

DATE:



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COUNTY-WIDE LAND SURVEYORS INC. LB 4680

THIS DOCUMENT CONSISTS OF 6 SHEETS AND EACH SHEET SHALL NOT BE CONSIDERED VALID WITHOUT SHEET 1.

DATE: 10/12/2023

BY:

JOSEPH L. MARTIN  
PROFESSIONAL SURVEYOR & MAPPER  
PSMR # 4368  
STATE OF FLORIDA

AS-BUILT LEGEND	
STA: 2+99.83(L)	AS-BUILT INFORMATION
R.E. = 6.66, 5.90	AS-BUILT RIM ELEVATION
I.E. = 6.66(0.00)	AS-BUILT INVERT ELEVATION
47.3'	AS-BUILT PIPE LENGTH

AS-BUILT BY:	
CHECKED BY:	L.C.
AS-BUILT TYPE:	O.G.
DATE:	07/17/2023

GOODRICH ASSEMBLAGE

FLORIDA  
-WATER AND SEWER PLAN

DATE: AUG. 2021  
SCALE: 1"=20'  
DESIGNED BY: M.G.  
DRAWN BY: M.A.S.  
JOB #: 21-4075

SHEET No.  
WS2

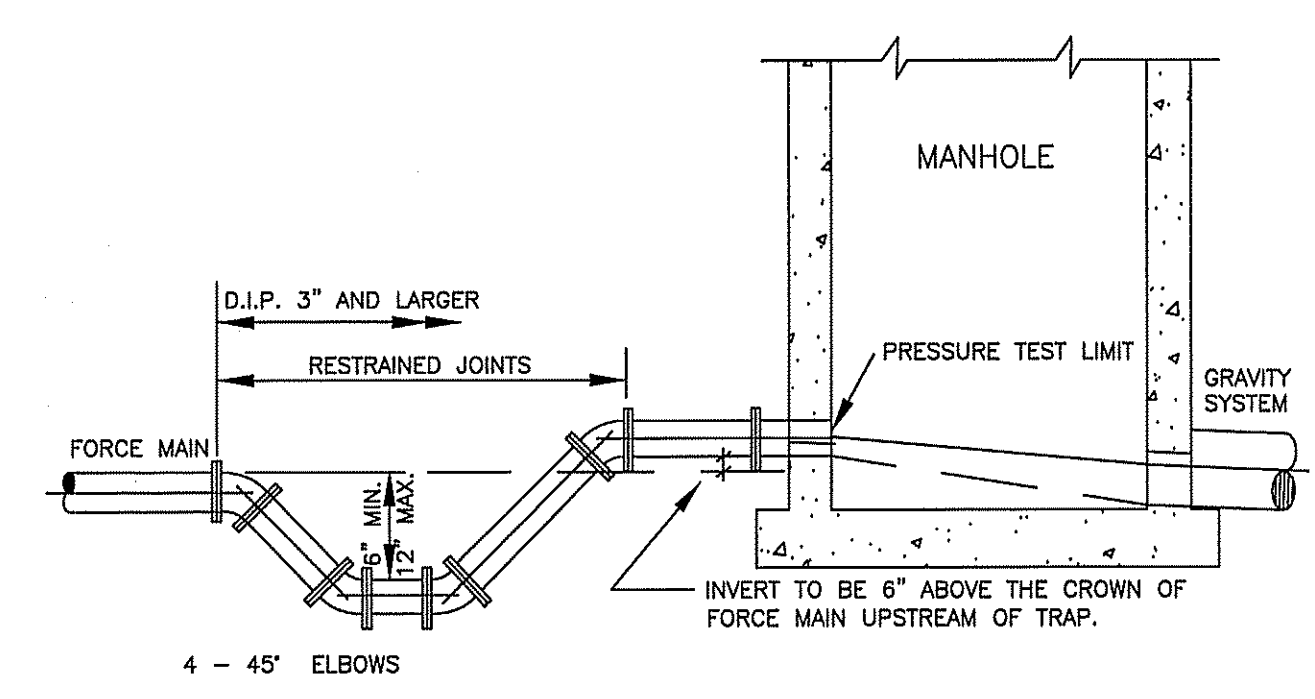
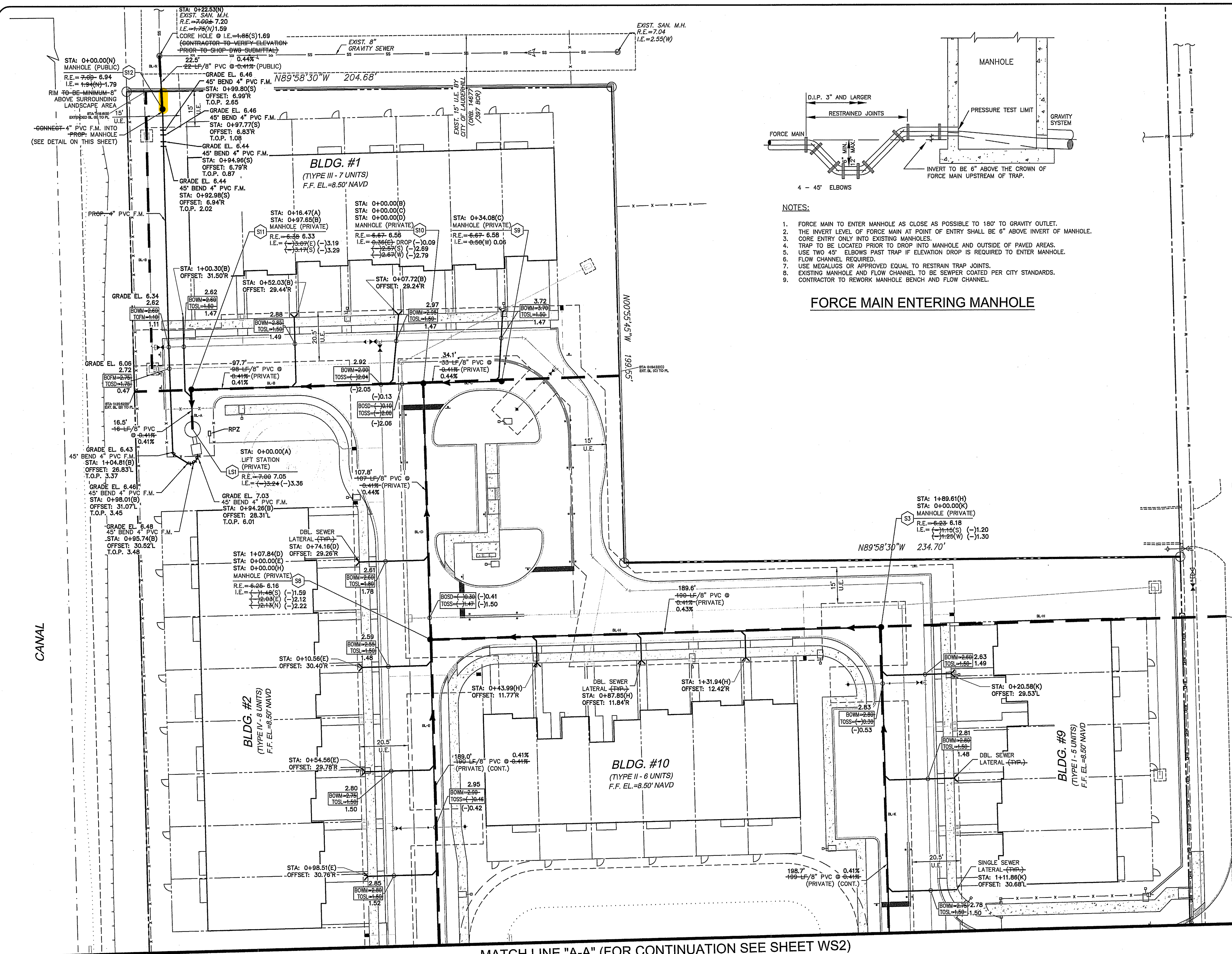
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Sunrise, FL 33351  
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Certificate of Auth. # 77097 LB 7019  
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F. 650 777-3114



REVISIONS	
NO.	DESCRIPTION

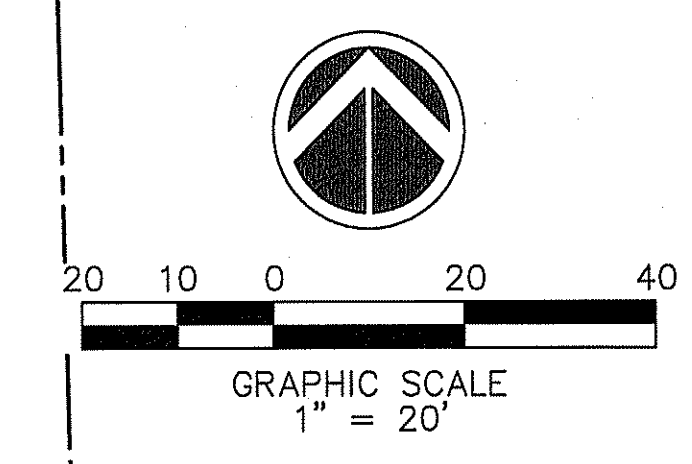
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PLOT DATE: 10/13/2023 9:31 AM BY: Livette Castillo  
LAYOUT: [WS2]





- NOTES:
- FORCE MAIN TO ENTER MANHOLE AS CLOSE AS POSSIBLE TO 180° TO GRAVITY OUTLET.
  - THE INVERT LEVEL OF FORCE MAIN AT POINT OF ENTRY SHALL BE 6" ABOVE INVERT OF MANHOLE.
  - CORE ENTRY ONLY INTO EXISTING MANHOLES.
  - TRAP TO BE LOCATED PRIOR TO DROP INTO MANHOLE AND OUTSIDE OF PAVED AREAS.
  - USE TWO 45° ELBOWS PAST TRAP IF ELEVATION DROP IS REQUIRED TO ENTER MANHOLE.
  - FLOW CHANNEL REQUIRED.
  - USE MEGALUGS OR APPROVED EQUAL TO RESTRAIN TRAP JOINTS.
  - EXISTING MANHOLE AND FLOW CHANNEL TO BE SEWER COATED PER CITY STANDARDS.
  - CONTRACTOR TO REWORK MANHOLE BENCH AND FLOW CHANNEL.

FORCE MAIN ENTERING MANHOLE



NOTE:

- MINIMUM CLEARANCE BETWEEN WATER, SEWER AND DRAINAGE SHALL BE 3' HORIZONTAL AND 12" VERTICAL.

WATER & SEWER LEGEND	
	PROPERTY LINE
	RIGHT-OF-WAY LINE
	DOUBLE WATER METER SERVICE
	SINGLE WATER METER SERVICE
	LENGTH, SIZE & TYPE OF WATER MAIN
	FIRE HYDRANT, GATE VALVE & TEE ASSEMBLY
	PROPOSED GATE VALVE
	PROPOSED CHECK VALVE
	BACTERIOLOGICAL SAMPLING POINT
	EXISTING OR FUTURE UTILITIES
	DRAINAGE STRUCTURE w/PIPE
	D.I.P. PIPE
	RIM ELEVATION
	INVERT ELEVATION
	MANHOLE DESIGNATION
	LENGTH & SLOPE OF PIPE
	DOUBLE SEWER LATERAL
	SINGLE SEWER LATERAL
	CLEAN OUT TO GRADE
	PROP LIGHT POLE

**"RECORD DRAWING"**  
THE INFORMATION SHOWN ON THIS RECORD DRAWING WAS SUPPLIED BY **COUNTY-WIDE LAND SURVEYORS, INC.** PROFESSIONAL SURVEYING & MAPPING BUSINESS # 4680, STATE OF FLORIDA. THE ENGINEER'S SIGNATURE AND SEAL AFFIXED TO THIS DRAWING IS ONLY TO BE INTERPRETED TO CONFIRM THAT THE INFORMATION PROVIDED HAS BEEN REVIEWED FOR CONFORMANCE WITH THE APPLICABLE ENGINEERING DESIGN STANDARDS.

BY: **CLIFFORD R. LAUTAN, P.E.**  
REGISTERED ENGINEER # 56690  
STATE OF FLORIDA

DATE: \_\_\_\_\_

**SURVEYOR'S CERTIFICATION:**  
THIS CERTIFIES THAT THIS AS BUILT SURVEY, WAS PREPARED UNDER MY SUPERVISION AND THAT THIS SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 61-17.50 THROUGH 61-17.52 OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

COUNTY-WIDE LAND SURVEYORS INC. LB 4680

AS-BUILT LEGEND	
	AS-BUILT INFORMATION
	AS-BUILT RIM ELEVATION
	AS-BUILT INVERT ELEVATION
	AS-BUILT PIPE LENGTH

AS-BUILT BY:	L.C.
CHECKED BY:	O.G.
AS-BUILT TYPE:	SEWER
DATE:	07/17/2023

**COUNTY-WIDE LAND SURVEYORS, INC.**  
LAND SURVEYORS - PLANNERS  
14241 S.W. 143 COURT MIAMI, FLORIDA 33186  
PH: 305.232.2340 FX: 305.232.5386

THIS DOCUMENT CONSISTS OF 6 SHEETS AND EACH SHEET SHALL NOT BE CONSIDERED VALID WITHOUT SHEET 1.

DATE: 10/12/2023 BY: **JOSEPH L. MARTIN**  
PROFESSIONAL SURVEYOR & MAPPER PS# 4368  
STATE OF FLORIDA

4577 N. 11th Ave., Suite 102  
Sunrise, FL 33351  
www.suntecheng.com  
Certificate of Auth. #7097/LB 7019  
Phone (954) 777-3123  
Fax (954) 777-3114

**Sun-Tech Engineering, Inc.**  
Engineers - Planners - Surveyors

REVISIONS	
NO.	DATE
1	6/14/22
2	6/22/22

**GOODRICH ASSEMBLAGE**

FLORIDA

**WATER AND SEWER PLAN**

CITY OF LAUDERHILL

DATE: AUG. 2021

SCALE: 1"=20'

DESIGNED BY: M.G.

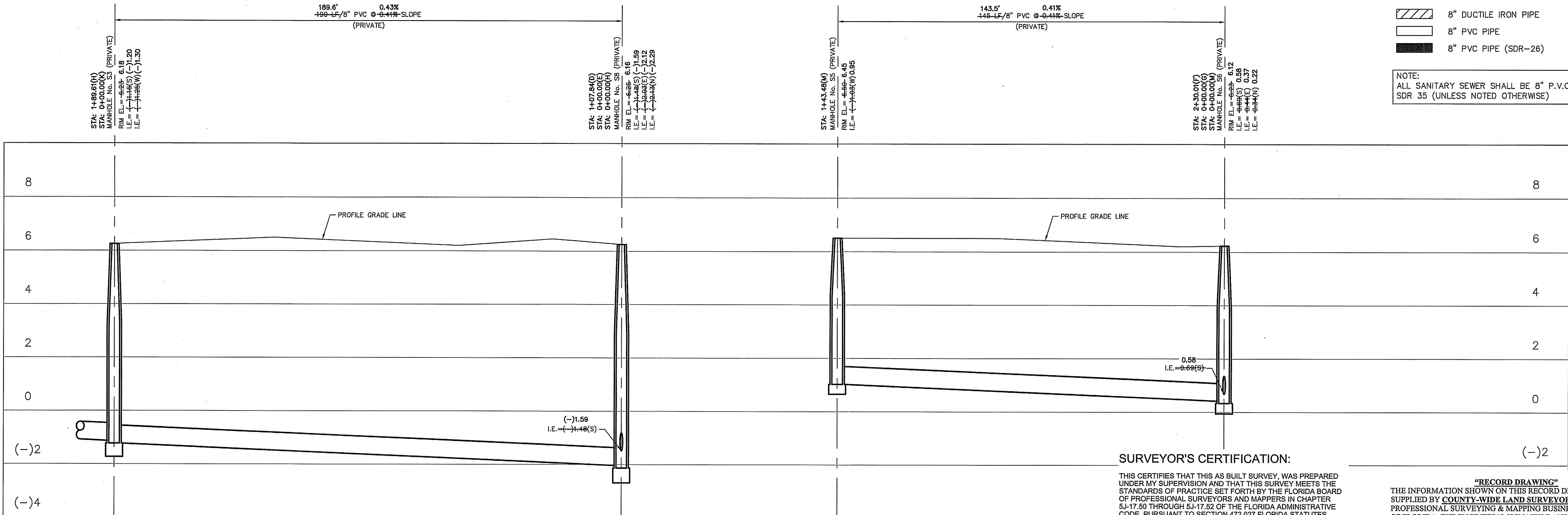
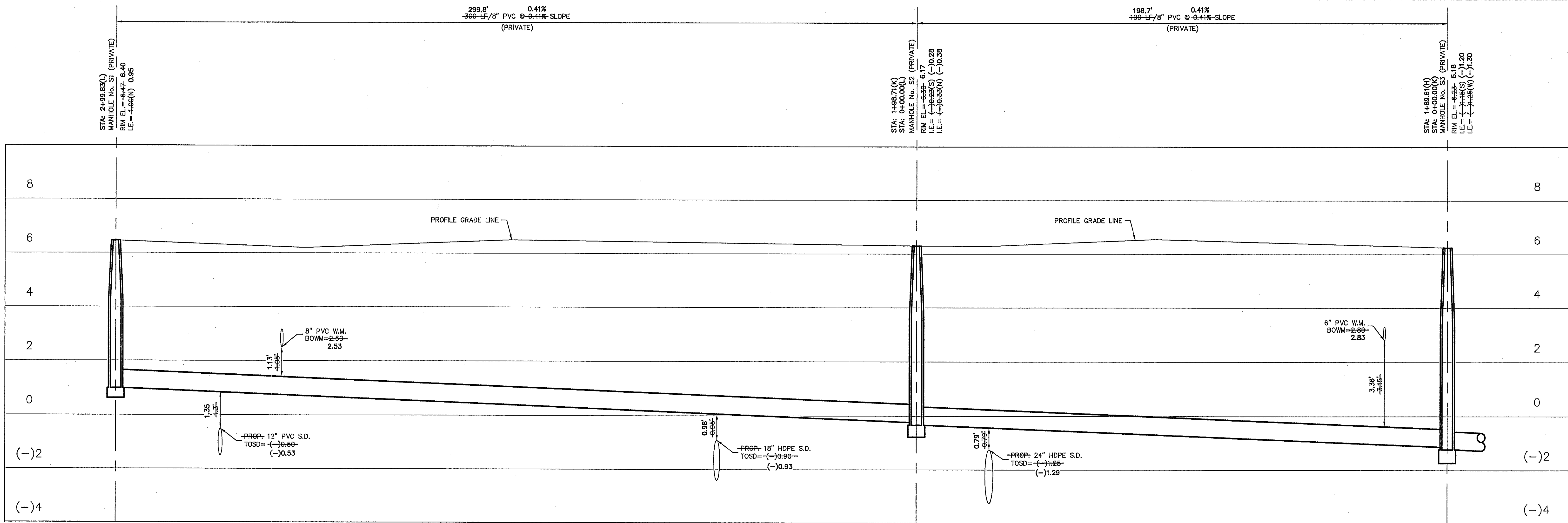
DRAWN BY: M.A.S.

JOB #: 21-4075

SHEET No.

**WS3**





**LEGEND**

- 8" DUCTILE IRON PIPE
- 8" PVC PIPE
- 8" PVC PIPE (SDR-26)

**NOTE:**  
ALL SANITARY SEWER SHALL BE 8" P.V.C.  
SDR 35 (UNLESS NOTED OTHERWISE)

**AS-BUILT LEGEND**

STA: 24+98.83(L) — AS-BUILT INFORMATION  
R.E. = -6.47 6.40 — AS-BUILT RIM ELEVATION  
I.E. = -6.99(N) 0.95 — AS-BUILT INVERT ELEVATION  
47.3' — AS-BUILT PIPE LENGTH

AS-BUILT BY: L.C.  
CHECKED BY: O.G.  
AS-BUILT TYPE: SEWER  
DATE: 08/21/2023

**COUNTY-WIDE LAND SURVEYORS, INC. - PLANNERS**  
14241 S.W. 143 COURT MIAMI, FLORIDA 33168  
PH: 305.232.2340 FX: 305.232.5306

THIS DOCUMENT CONSISTS OF 6 SHEETS AND EACH SHEET SHALL NOT BE CONSIDERED VALID WITHOUT SHEET 1.

DATE: 10/12/2023 BY:

JOSEPH L. MARTIN  
PROFESSIONAL SURVEYOR  
& MAPPER PSM# 4368  
STATE OF FLORIDA

**"RECORD DRAWING"**  
THE INFORMATION SHOWN ON THIS RECORD DRAWING WAS SUPPLIED BY **COUNTY-WIDE LAND SURVEYORS, INC.** PROFESSIONAL SURVEYING & MAPPING BUSINESS # 4680, STATE OF FLORIDA. THE ENGINEER'S SIGNATURE AND SEAL AFFIXED TO THIS DRAWING IS ONLY TO BE INTERPRETED TO CONFIRM THAT THE INFORMATION PROVIDED HAS BEEN REVIEWED FOR CONFORMANCE WITH THE APPLICABLE ENGINEERING DESIGN STANDARDS.

BY: CLIFFORD R. LAUTAN, P.E.  
REGISTERED ENGINEER # 56890  
STATE OF FLORIDA

DATE: \_\_\_\_\_

4577 N. Hill Road, Suite 102  
Sunrise, FL 33351  
www.suntecheng.com  
Certificate of Auth. #7097 LB 7096  
P. 06/24/2023  
Fax (854) 777-3114

**STE Sun-Tech Engineering, Inc.**  
Engineers - Planners - Surveyors

REVISIONS		
NO.	DATE	DESCRIPTION
1	6/14/22	REMOVE F.M. FROM PROFILES

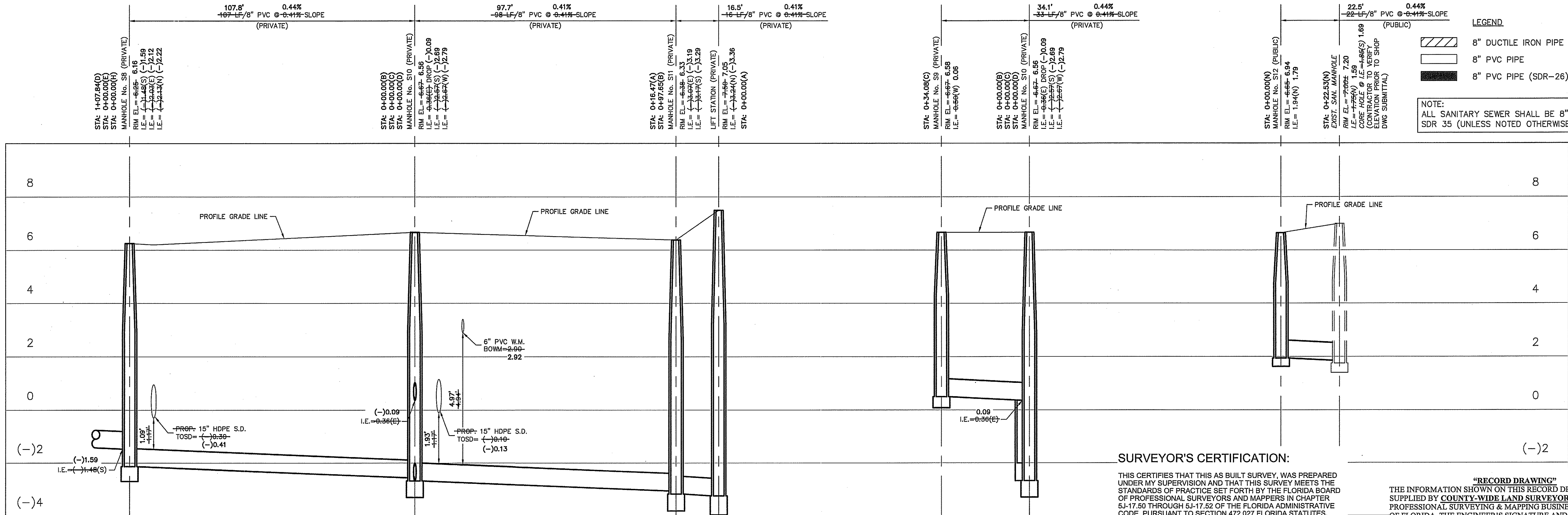
**GOODRICH ASSEMBLAGE**  
CITY OF LAUDERHILL  
FLORIDA  
**SANITARY SEWER PROFILES**

DATE: AUG. 2021  
SCALE: H:1=20'; V:1=2'  
DESIGNED BY: M.G.  
DRAWN BY: M.A.S.  
JOB #: 21-4075

**SHEET No.**  
**SSP1**



FILE: G:\land projects 2008\Goodrich Assemblage.dwg\AS-BUILT\AB  
- GOODRICH ASSEMBLAGE - SEWER PROFILES (19).dwg  
PLOT DATE: 10/13/2023 9:30 AM BY: Livette Costello  
LAYOUT: [SSP2]



**SURVEYOR'S CERTIFICATION:**

THIS CERTIFIES THAT THIS AS BUILT SURVEY, WAS PREPARED UNDER MY SUPERVISION AND THAT THIS SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 6J-17.60 THROUGH 6J-17.52 OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

COUNTY-WIDE LAND SURVEYORS INC. LB 4680

THIS DOCUMENT CONSISTS OF 6 SHEETS AND EACH SHEET SHALL NOT BE CONSIDERED VALID WITHOUT SHEET 1.

DATE: 10/12/2023

BY: JOSEPH L. MARTIN  
PROFESSIONAL SURVEYOR  
& MAPPER PSBM# 4368  
STATE OF FLORIDA

BY: CLIFFORD R. LAUTAN, P.E.  
REGISTERED ENGINEER # 56890  
STATE OF FLORIDA

DATE: \_\_\_\_\_

**AS-BUILT**

GOODRICH ASSEMBLAGE

CITY OF LAUDERHILL  
FLORIDA  
SANITARY SEWER PROFILES

DATE: AUG. 2021  
SCALE: H:1=20'; V:1=2'  
DESIGNED BY: M.G.  
DRAWN BY: M.A.S.  
JOB #: 21-4075

SHEET No.  
SSP2

REVISIONS		DESCRIPTION
NO.	DATE	DESCRIPTION
1	6/14/22	REMOVE F.M. FROM PROFILES
1	6/22/22	REV. RUN FROM MH12 TO EXIST. AS PUBLIC



**Goodrich Assemblage  
COST - EXHIBIT "A"**

Sun-Tech Engineering, Inc.  
4577 Nob Hill Road, Suite 102  
Sunrise, FL 33351  
(954) 777-3123 / Fax (954) 777-3114  
E-mail: [suntech@suntecheng.com](mailto:suntech@suntecheng.com)  
Website: [www.suntecheng.com](http://www.suntecheng.com)

WATER (ON-SITE)	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
	8" DIP	20	LF	\$70.00	\$1,400.00
	8" PVC C-900	1880	LF	\$60.00	\$112,800.00
	6"DIP	150	LF	\$55.00	\$8,250.00
	6" PVC C-900	180	LF	\$42.00	\$7,560.00
	FIRE HYDRANT W/ MEGA LUG	6	EA	\$4,100.00	\$24,600.00
	8" Gate Valve & Box w/ Mega Lug	8	EA	\$2,650.00	\$21,200.00
	6" Gate Valve & Box w/ Mega Lug	8	EA	\$2,100.00	\$16,800.00
	8" x 8" Tee w/ Mega Lug	4	EA	\$1,450.00	\$5,800.00
	8" x 6" Tee w/ Mega Lug	6	EA	\$1,250.00	\$7,500.00
	8" x 6" Reducer w/ Mega Lug	2	EA	\$940.00	\$1,880.00
	8" 45 Bend w/ Mega Lug	4	EA	\$890.00	\$3,560.00
	8" 90 Bend w/ Mega Lug	2	EA	\$890.00	\$1,780.00
	6" CAP tap 2" w/Mega Lug	2	EA	\$450.00	\$900.00
	2" FVO Assembly	2	EA	\$1,320.00	\$2,640.00
	1" Double Water Service	24	EA	\$1,450.00	\$34,800.00
	1" Single Water Service	18	EA	\$1,450.00	\$26,100.00
	8" Pipe Joint Restraint	45	EA	\$280.00	\$12,600.00
	6" Pipe Joint Restraint	12	EA	\$240.00	\$2,880.00
<b>TOTAL</b>					<b>\$293,050.00</b>

WATER (OFF-SITE)	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
	8" PVC C-900	605	LF	\$60.00	\$36,300.00
	6"DIP	5	LF	\$55.00	\$275.00
	FIRE HYDRANT W/ MEGA LUG	1	EA	\$4,100.00	\$4,100.00
	8" Gate Valve & Box w/ Mega Lug	3	EA	\$2,650.00	\$7,950.00
	6" Gate Valve & Box w/ Mega Lug	1	EA	\$2,100.00	\$2,100.00
	8" x 8" Tee w/ Mega Lug	1	EA	\$1,450.00	\$1,450.00
	12"x 8" Reducer w/ Mega Lug	1	EA	\$1,240.00	\$1,240.00
	8"x6" Reducer w/ Mega Lug	1	EA	\$940.00	\$940.00
	8" 45 Bend w/ Mega Lug	4	EA	\$890.00	\$3,560.00
	8" 90 Bend w/ Mega Lug	3	EA	\$890.00	\$2,670.00
	8" Pipe Joint Restraint	3	EA	\$280.00	\$840.00
	8" FILL & FLUSH CONNECTION	2	EA	\$1,850.00	\$3,700.00
<b>TOTAL</b>					<b>\$65,125.00</b>

SEWER	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
	8" PVC SDR-35 0/6	8	LF	\$45.00	\$360.00
	Manhole 0/6	1	EA	\$3,300.00	\$3,300.00
<b>TOTAL</b>					<b>\$3,660.00</b>

P&D	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
	18" HDPE	24	LF	\$56.15	\$1,347.60
	CONC. ENDWALL FOR 18" HDPE OUTFALL	1	EA	\$3,000.00	\$3,000.00
<b>TOTAL</b>					<b>\$4,347.60</b>

**TOTAL = \$366,182.60**

I hereby certify that this cost is true and correct to the best of my knowledge and belief and represent the total site development cost for project.

Clifford Loutan P.E. #56890

This item has been digitally signed and sealed by Clifford R. Loutan, 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.

November 01, 2023

