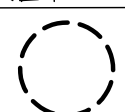


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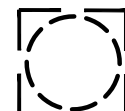
TREE TO  
REMAIN



TREE TO BE  
REMOVED



TREE TO BE  
RELOCATED



TREE TO BE  
PROTECTED  
PER DETAIL  
ON SHEET  
L0.07

**PARKER AVENUE  
STREETSCAPE  
PREPARED FOR  
CITY OF WEST PALM BEACH**

# TREE DISPOSITION PLAN

KHA PROJECT 144391075	JONATHAN D. HAIGH, PLA FL LICENSE NUMBER LA # 6666795		LICENSED PROFESSIONAL
DATE JUNE., 2023			
SCALE AS SHOWN	DESIGNED BY JH		
DRAWN BY DH	CHECKED BY JH	DATE: 06/08/2023	

LICENSED PROFESSIONAL

---

JONATHAN D. HAICH, PLA  
FL LICENSE NUMBER  
LA # 6666795

**Kimley»»Horn**

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SHEET NUMBER  
**L0.01**

WEST PALM BEACH

REVISIONS

DATE \_\_\_\_\_

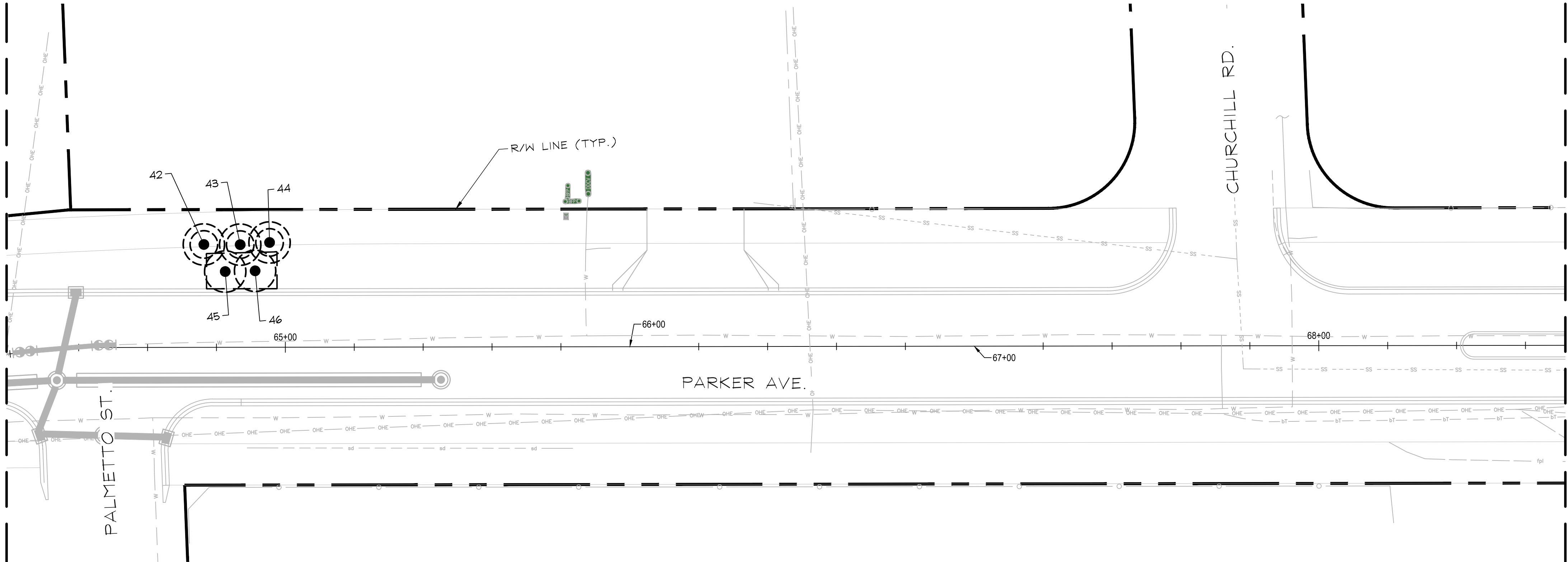
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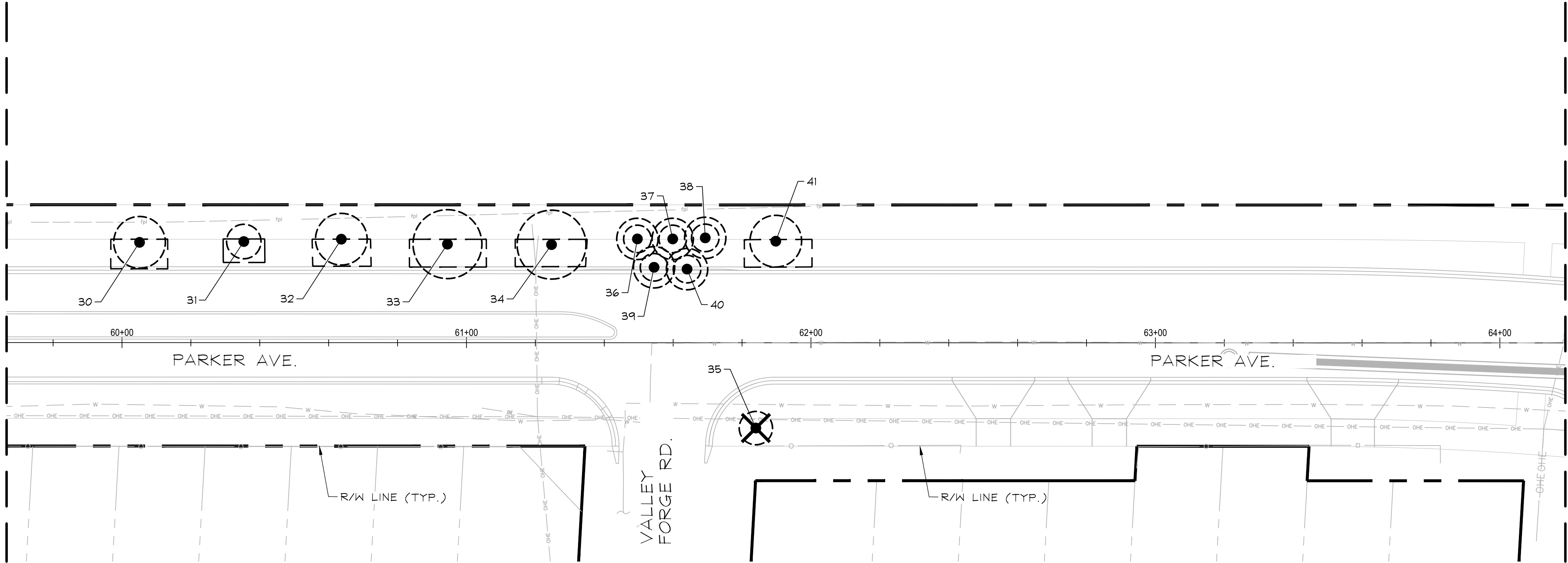
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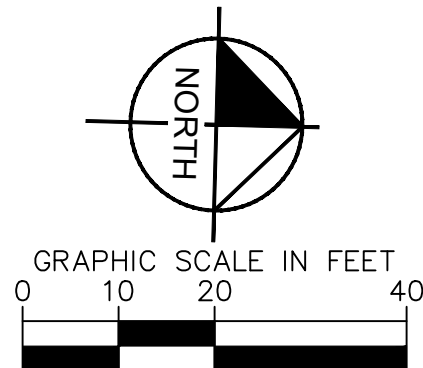
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SEE SHEET L0.03 FOR CONTINUATION



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KEY:

TREE TO  
REMAIN

TREE TO BE  
REMOVED

TREE TO BE  
RELOCATED

TREE TO BE  
PROTECTED  
PER DETAIL  
ON SHEET  
L0.07

PARKER AVENUE  
STREETSCAPE  
PREPARED FOR  
CITY OF WEST PALM BEACH

TREE  
DISPOSITION PLAN

FL

Kimley»Horn

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KHA PROJECT  
144391075

DATE  
JUNE, 2023

SCALE AS SHOWN

DESIGNED BY JH

DRAWN BY DH

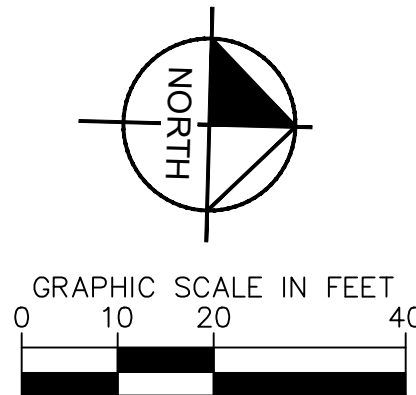
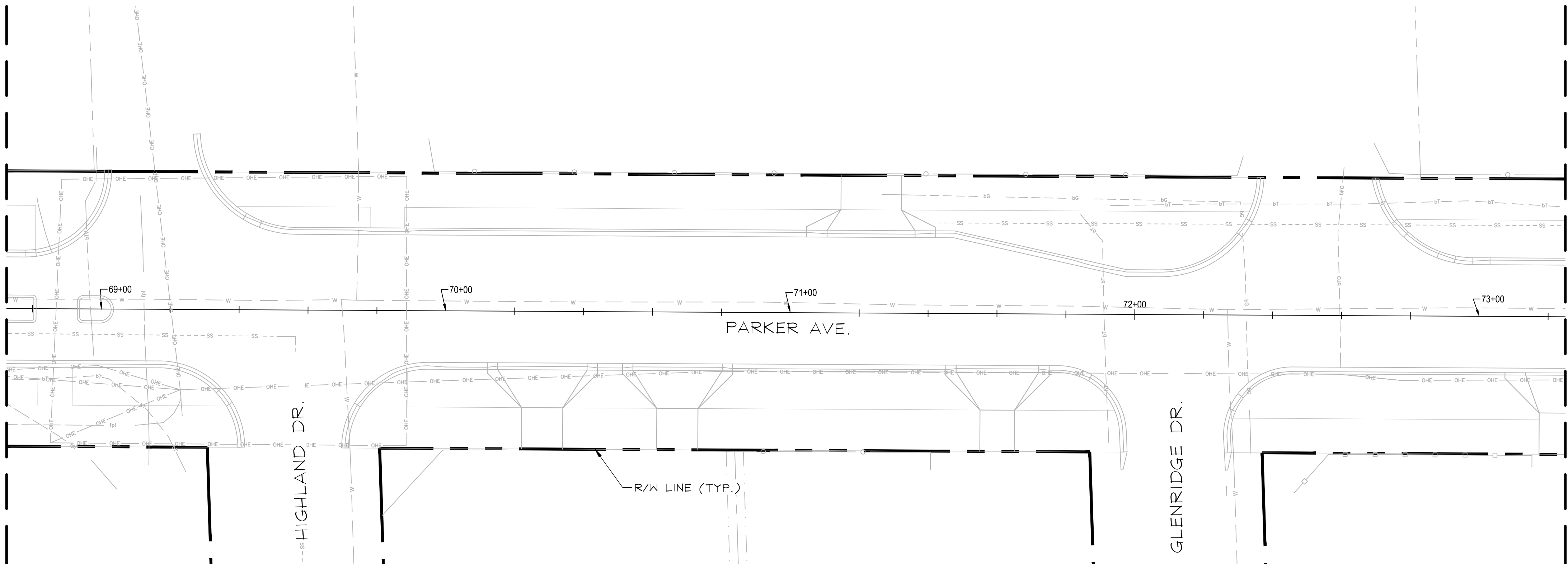
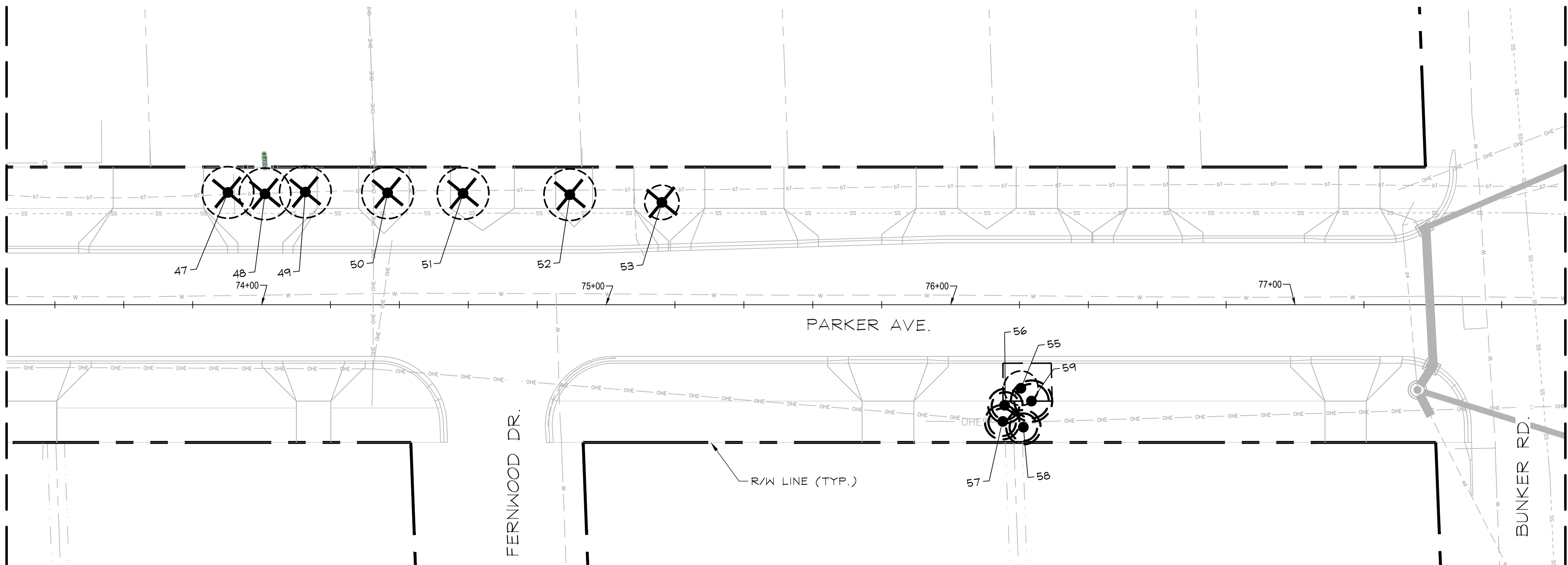
CHECKED BY JH

LICENSED PROFESSIONAL  
JONATHAN D. HAIGH PLA  
FL LICENSE NUMBER  
LA # 6666795

DATE 06/08/2023

No.	REVISIONS	DATE	BY





SHEET NUMBER  
L0.02



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KEY:	
	TREE TO REMAIN
	TREE TO BE REMOVED
	TREE TO BE RELOCATED
	TREE TO BE PROTECTED PER DETAIL ON SHEET L0.07

PARKER AVENUE  
STREETSCAPE  
PREPARED FOR  
CITY OF WEST PALM BEACH

TREE  
DISPOSITION PLAN

# TREE DISPOSITION PLAN

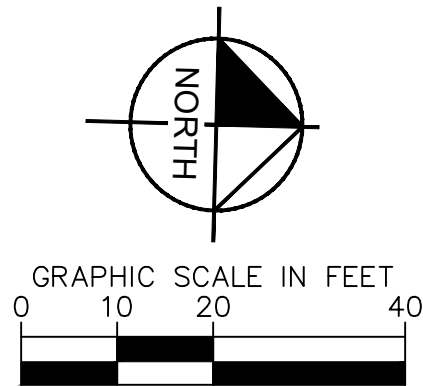
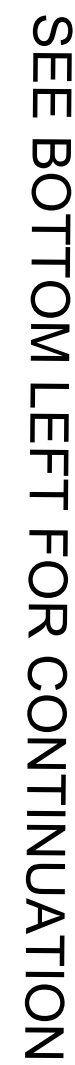
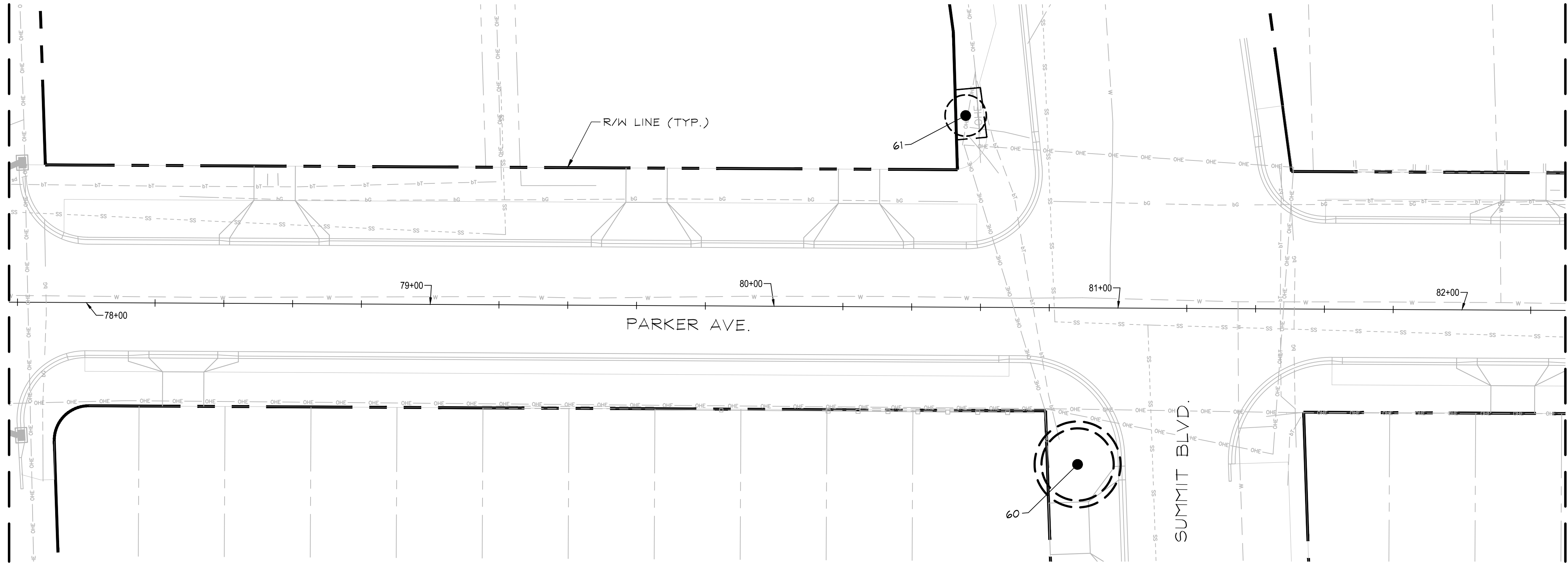
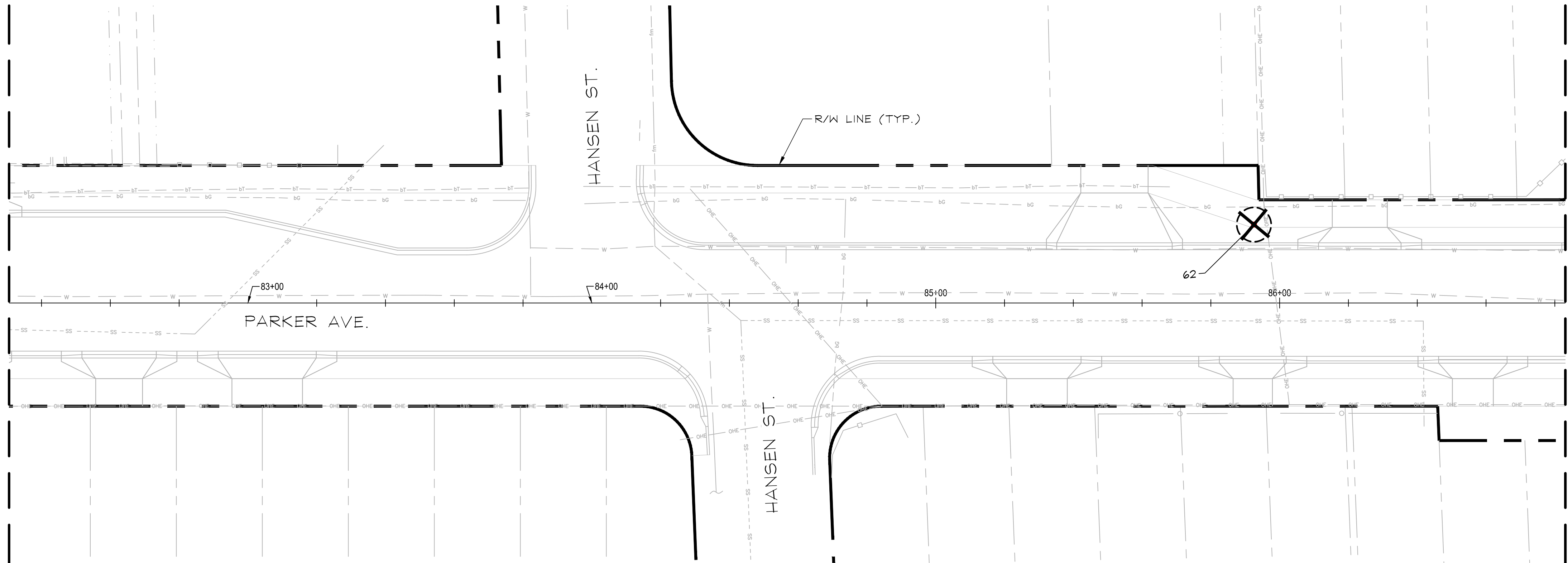
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SCALE AS SHOWN	DESIGNED BY JH		
DRAWN BY DH	CHECKED BY JH	DATE: 06/08/2023	

**Kimley»»Horn**

WEST PALM BEACH	FL	CHECKED BY	JH	DATE	06/08/2023
				REVISIONS	
				BY	
				No.	



Plotted By: Torres, Tommy Sheet Set: Parker Ave Streetscape Layout: LQ.04 TREE DISPOSITION PLAN June 08, 2023 03:20:24pm K:\WPB\_URG\144391075 - Parker Ave WPB CAD\PlanSheets\LQ.00 TREE DISPOSITION PLAN.dwg

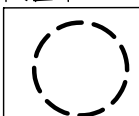


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KEY:



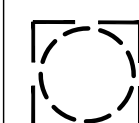
TREE TO  
REMAIN



TREE TO BE  
REMOVED



1 TREE TO BE  
2 RELOCATED



TREE TO BE  
PROTECTED  
PER DETAIL  
ON SHEET  
L0.07

PARKER AVENUE  
STREETSCAPE  
PREPARED FOR  
OF WEST PALM BEACH

# TREE DISPOSITION PLAN

KHA PROJECT 144391075	LICENSED PROFESSIONAL
DATE JUNE, 2023	JONATHAN D. HAIGH, PLA FL LICENSE NUMBER LA # 6666795
SCALE AS SHOWN	
DESIGNED BY JH	

JONATHAN D. HAIGH, PLA  
 FL LICENSE NUMBER  
 LA # 6666795

**Kimley»»Horn**

SHEET NUMBER  
**L0.04**

WEST PALM BEACH FL

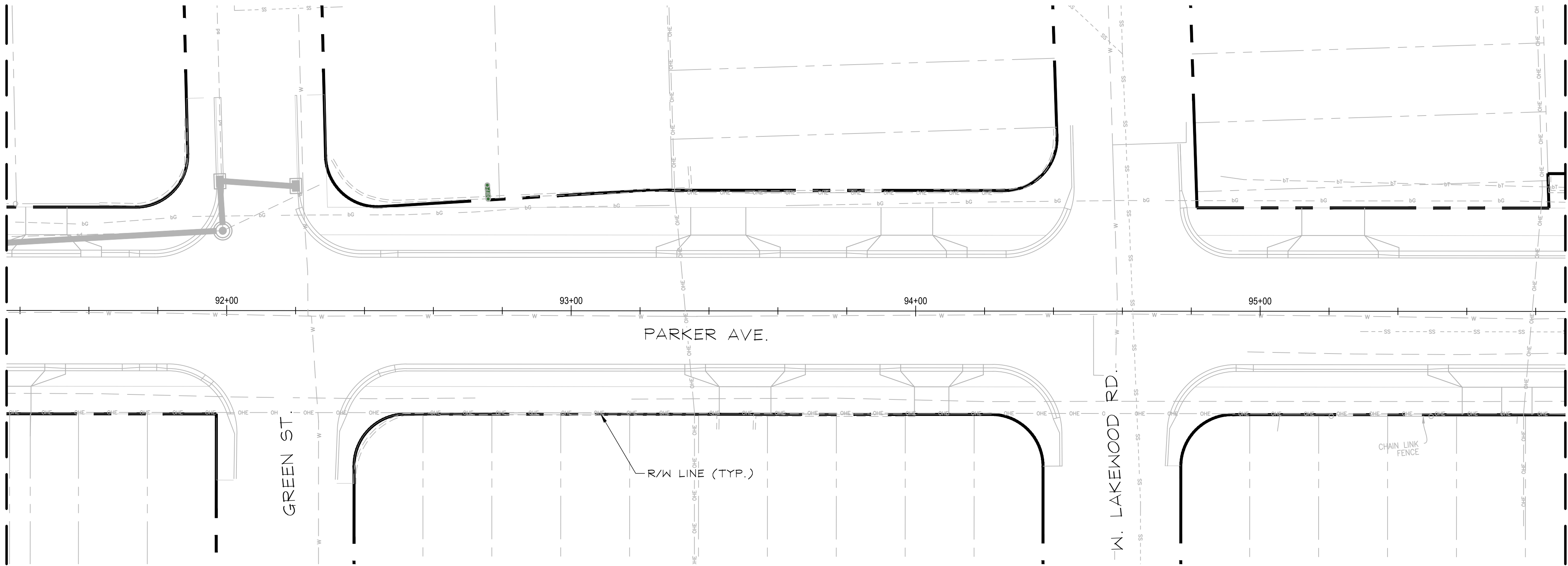
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DATE \_\_\_\_\_

	BY
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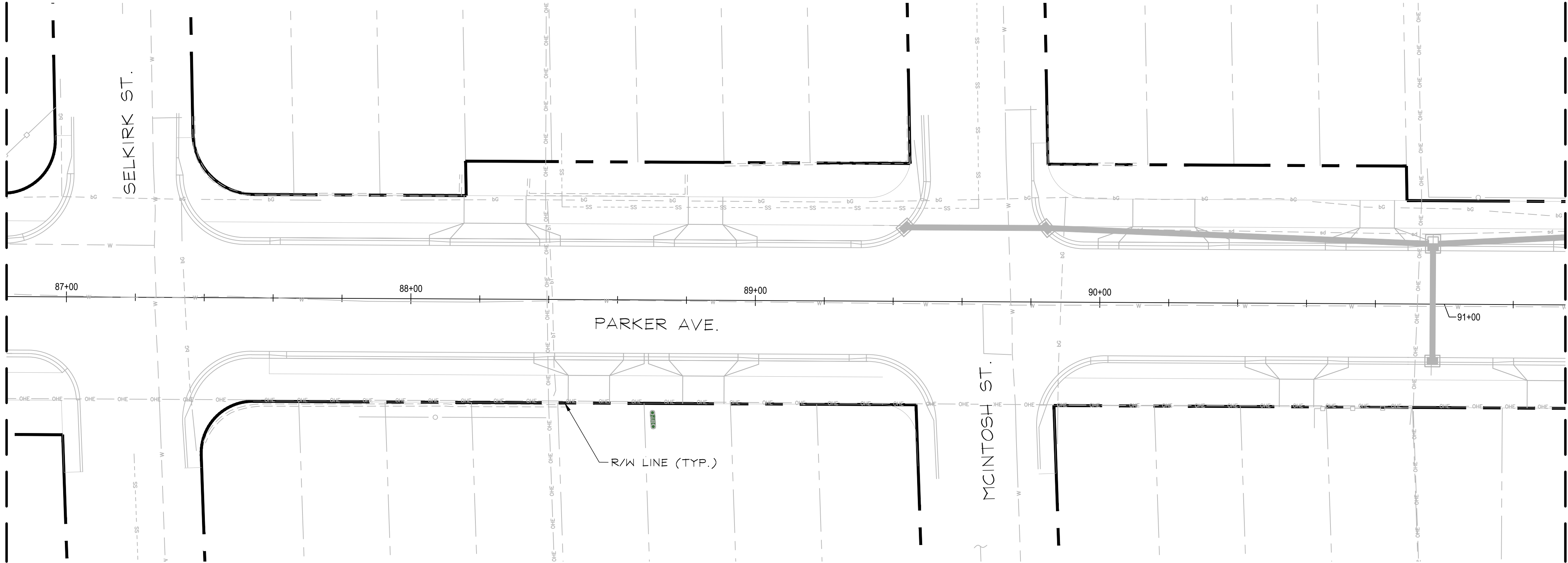
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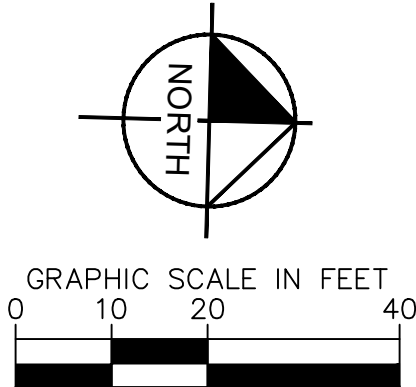


SEE SHEET L0.06 FOR CONTINUATION

SEE SHEET L0.04 FOR CONTINUATION



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KEY:

TREE TO  
REMAIN

TREE TO BE  
REMOVED

TREE TO BE  
RELOCATED

TREE TO BE  
PROTECTED  
PER DETAIL  
ON SHEET  
L0.07

PARKER AVENUE  
STREETSCAPE  
PREPARED FOR  
CITY OF WEST PALM BEACH

FL

WEST PALM BEACH

TREE  
DISPOSITION PLAN

KHA PROJECT  
144391075

DATE  
JUNE, 2023

SCALE AS SHOWN

DESIGNED BY JH

DRAWN BY DH

CHECKED BY JH

LICENSED PROFESSIONAL

JONATHAN D. HAIGH, P.L.A.

FL LICENSE NUMBER  
LA # 6666795

DATE 06/08/2023

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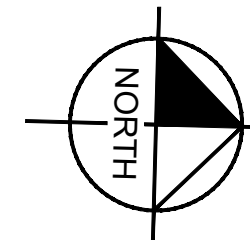
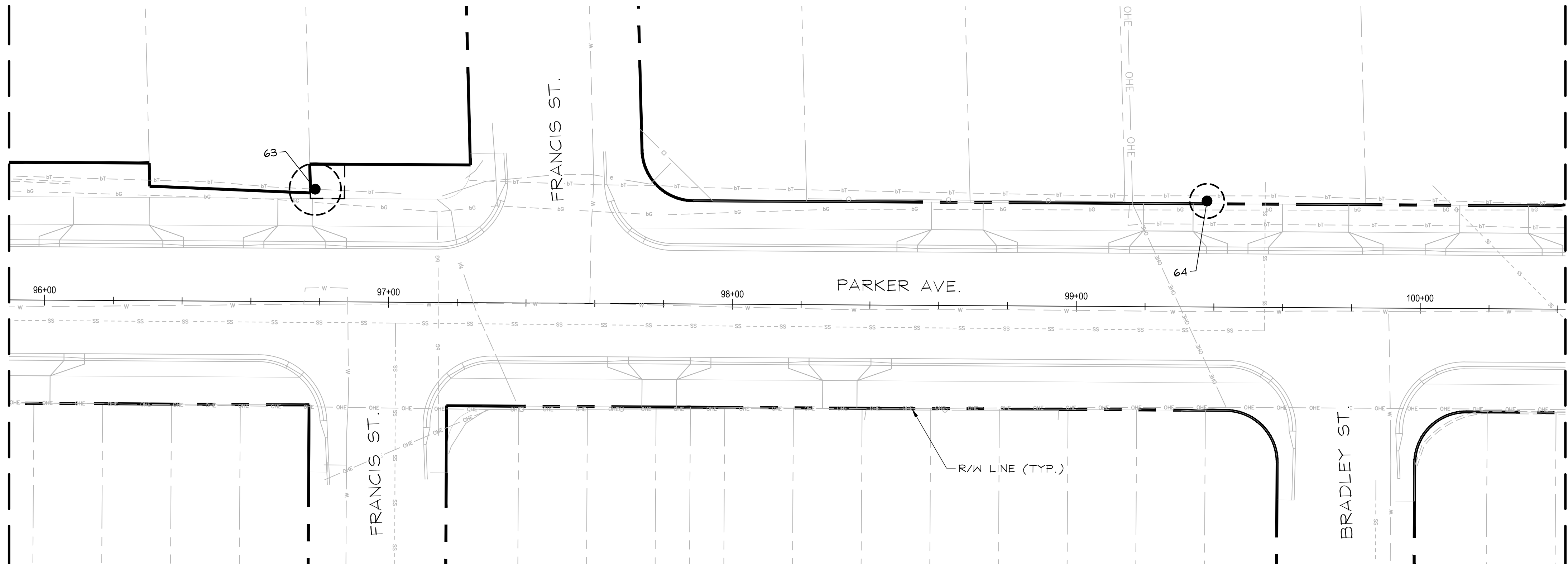
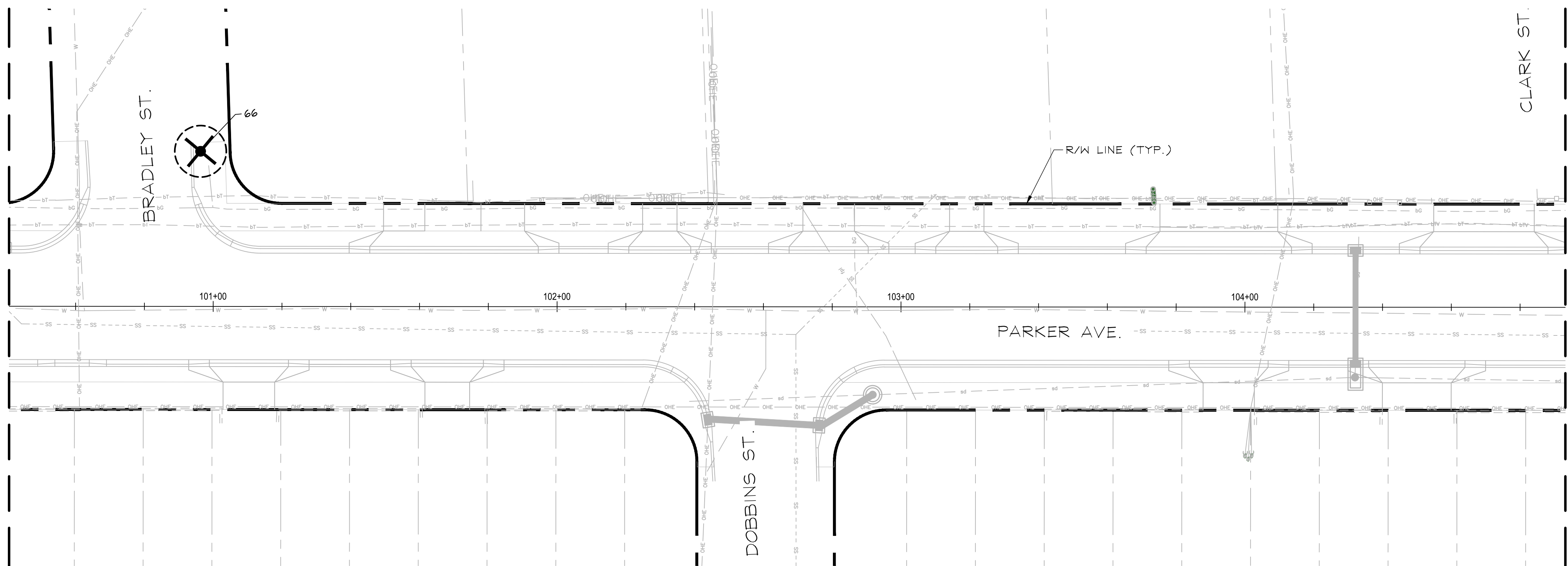
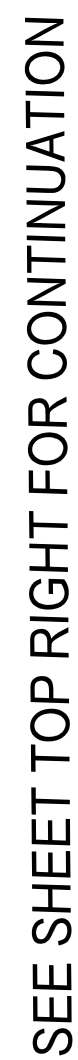
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GRAPHIC SCALE IN FEET

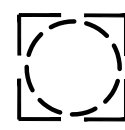
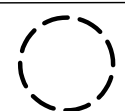
A horizontal line with vertical tick marks at 0, 10, 20, and 40. The segment between 0 and 10 is divided into two equal parts by a vertical line. The segment between 10 and 20 is divided into two equal parts by a vertical line. The segment between 20 and 40 is divided into two equal parts by a vertical line. The segments from 0 to 10, 10 to 20, and 20 to 40 are shaded black. The segments from 0 to 5, 5 to 15, and 15 to 25 are white.

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KEY:



TREE TO  
REMAIN

TREE TO BE  
REMOVED

TREE TO BE  
RELOCATED

TREE TO BE  
PROTECTED  
PER DETAIL  
ON SHEET  
L0.07

PARKER AVENUE  
STREETSCAPE  
PREPARED FOR

# TREE DISPOSITION PLAN

LICENSED PROFESSIONAL

ONATHAN D. HAIGH, PLA

FL LICENSE NUMBER

A # 6666795

CHECKED BY	JH
DATE:	06/08/2023

CHECKED BY JH

DRAWN BY DH

DRAWN BY

DRAWN BY D

**Kimley»»Horn**

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SHEET NUMBER

L0.06

WEST PALM BEACH

REVISIONS

No.
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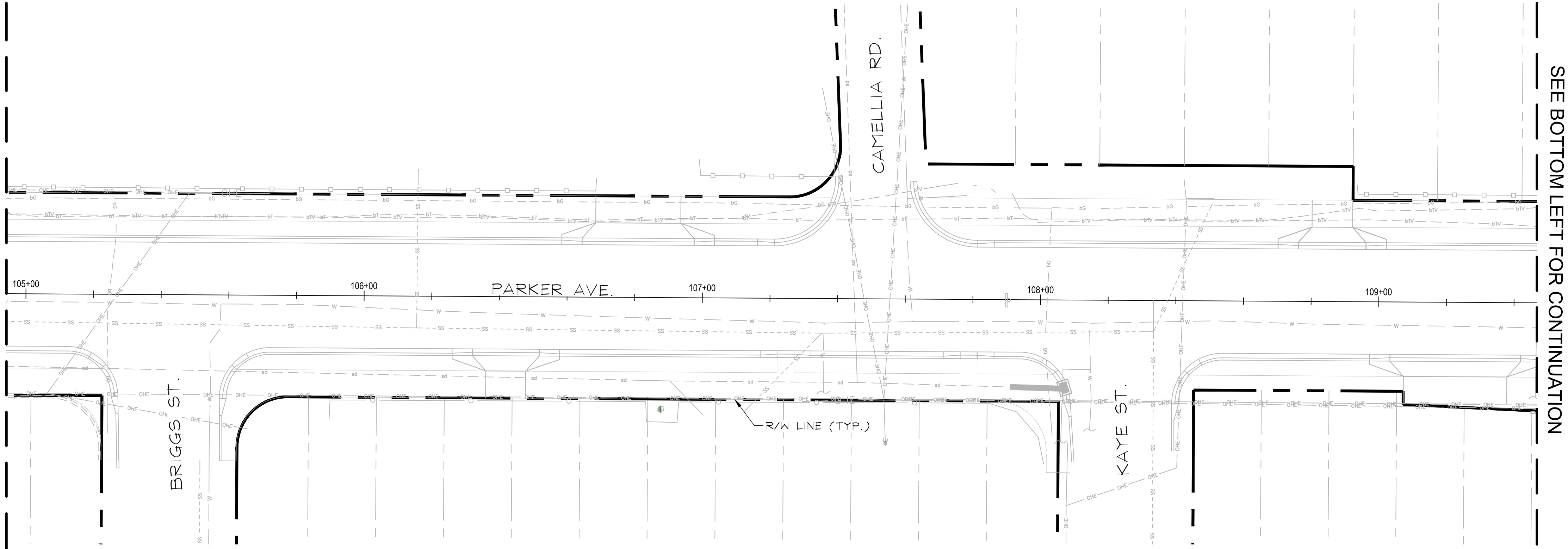
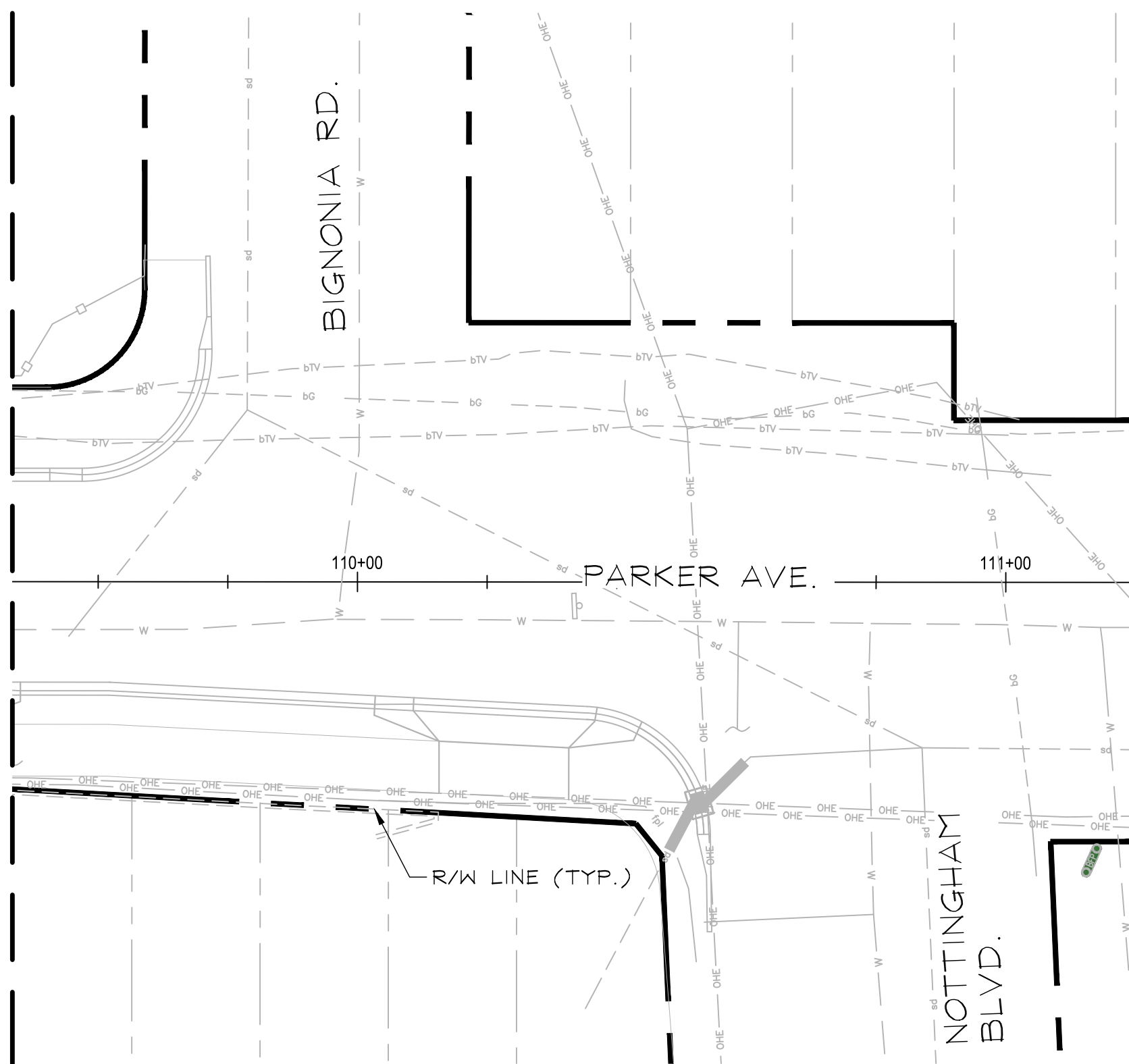
DATE \_\_\_\_\_

BY

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SEE SHEET L0.06 FOR CONTINUATION



KEY:

- TREE TO REMAIN
- TREE TO BE REMOVED
- TREE TO BE RELOCATED
- TREE TO BE PROTECTED PER DETAIL ON SHEET L0.07

**INSTALLATION NOTES:**

1. 6'x4" "PERIMETER PLUS" CONSTRUCTION FENCE BY CONWED PLASTICS OR OWNER'S REPRESENTATIVE APPROVED EQUAL. SUBMIT PRODUCT INFORMATION FOR APPROVAL PRIOR TO INSTALLATION.

2. 8' TALL METAL "T" POSTS OR 2" x 2" x 8' PRESSURE TREATED WOOD POSTS WITH 24" BURIAL BELOW GRADE.

**INSTALLATION NOTES:**

A. POST SELECTION SHOULD BE BASED ON EXPECTED STRENGTH NEEDS AND THE LENGTH OF TIME FENCE WILL BE IN PLACE. FLEXIBLE FIBERGLASS ROD POSTS ARE RECOMMENDED FOR PARKS, ATHLETIC EVENTS AND CRACK CONTROL INSTALLATIONS. METAL "T" POSTS OR TREATED WOOD POSTS ARE TYPICALLY USED FOR CONSTRUCTION AND OTHER APPLICATIONS.

B. POSTS SHOULD BE DRIVEN INTO THE GROUND TO A DEPTH OF 1/4 OF THE HEIGHT OF THE POST. FOR EXAMPLE, A 8' POST SHOULD BE SET AT LEAST 2' INTO THE GROUND.

C. SPACE POSTS EVERY 6' (MIN.) TO 8' (MAX.).

D. SECURE FENCING TO POST WITH NYLON CABLE TIES (AVAILABLE FROM CONWED PLASTICS). WOOD STRIPS MAY BE ALSO BE USED TO PROVIDE ADDITIONAL SUPPORT AND PROTECTION BETWEEN TIES AND POSTS.

NOTE: IF WIRE TIES ARE USED, AVOID DIRECT CONTACT WITH FENCE. WIRE MAY DAMAGE FENCE OVER TIME.

**Tree/Shrub Protector**  
Barrier Detail

NTS

- TREE MITIGATION NOTES**
- PER SECTION 94-448.e OF THE WEST PALM BEACH CODE OF ORDINANCE, TREES THAT ARE 20' OR MORE IN CANOPY SIZE SHALL BE MITIGATED BASE ON CANOPY SIZE AND TREES LESS THAN 20' CANOPY SIZE SHALL BE REPLACED ON A TREE FOR TREE BASIS BASED ON TREE CATEGORY.
  - PAYMENT IN LIEU FOR REMAINING REQUIRED CANOPY TO BE CALCULATED SEPARATELY AND PAID PRIOR TO CERTIFICATED OR OCCUPANCY BEING ISSUED

CATEGORY ONE 300 SF (MIN 12' HT X 2" DBH)  
CATEGORY TWO: 150 SF (MIN 8' HT)  
CATEGORY THREE: 100 SF (TREES - MIN 6' HT, PALMS - MIN 6' CT)  
CATEGORY FOUR: 50 SF (PALMS - MIN 6' CT)

TREE DISPOSITION SUMMARY	
TREES TO BE REMOVED	5 TREES
TREES TO BE REMOVED WITH < 20' CANOPY SPREAD	1 TREES
TREES TO BE REMOVED WITH > 20' CANOPY SPREAD	1 TREES
INVASIVE TREE TO BE REMOVED	1 TREES
PALMS TO BE REMOVED	12 PALMS

TREE MITIGATION SUMMARY CANOPY < 20'		
	REQUIRED	MITIGATION PROVIDED
TREE CANOPY TO BE REPLACED PER SECTION 94-448	1,150 SF	(4) GUMBO LIMBO @ 300 SF = 1,200 SF (1) LIVE OAK @ 300 SF = 300 SF TOTAL = 1,500 SF

TREE MITIGATION SUMMARY CANOPY > 20'		
	REQUIRED	MITIGATION PROVIDED
TREE CANOPY TO BE REPLACED PER SECTION 94-448	706 SF	(5) ORANGE GEIGER @ 150 SF = 750 SF TOTAL = 750 SF

GRAPHIC SCALE IN FEET  
0 10 20 40

NORTH

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PARKER AVENUE  
STREETSCAPE  
PREPARED FOR  
CITY OF WEST PALM BEACH

TREE  
DISPOSITION PLAN

FL

WEST PALM BEACH

KHA PROJECT 144391075  
DATE JUNE, 2023  
SCALE AS SHOWN  
DESIGNED BY JHT  
DRAWN BY DH  
CHECKED BY JHT

LICENSED PROFESSIONAL JONATHAN D. HAIGH, PLA  
FL LICENSE NUMBER LA # 6666795

DATE 06/08/2023

Kimley»Horn

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PHONE (561) 845-0665 FAX (561) 863-8175  
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No. REVISIONS DATE BY

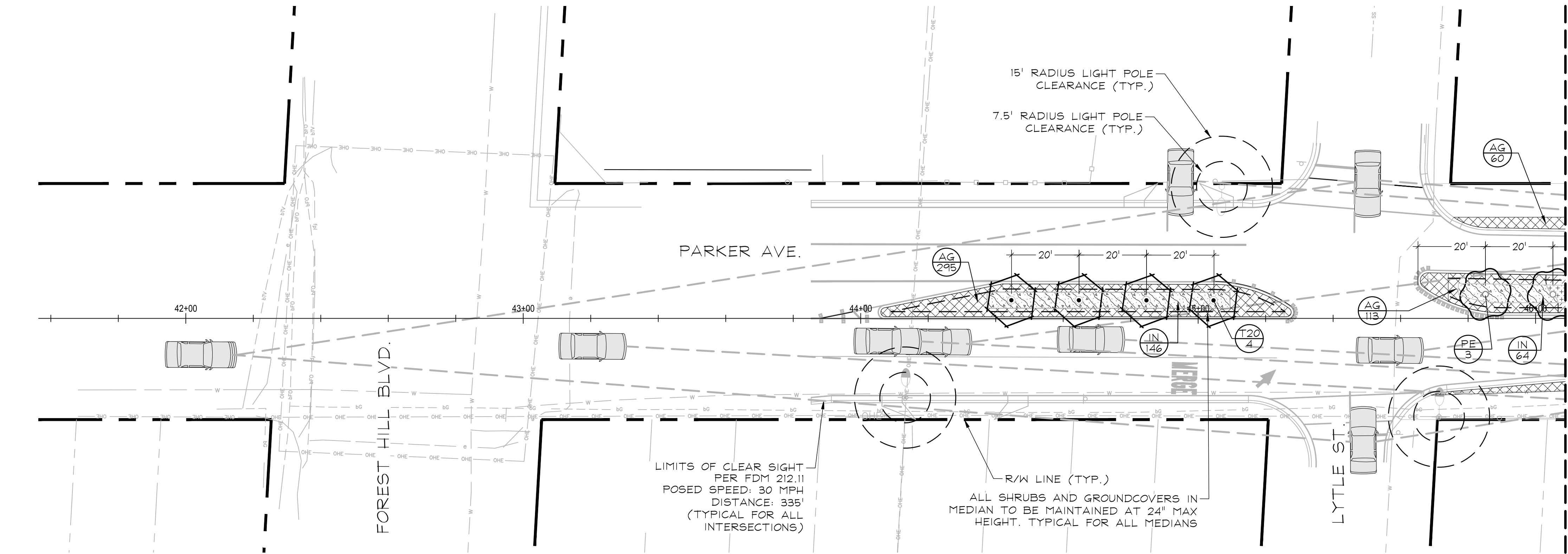
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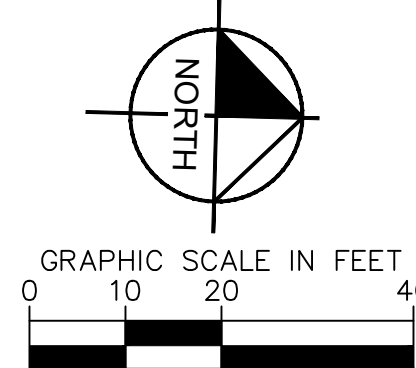




SEE SHEET TOP RIGHT FOR CONTINUATION



<u>TREES</u>	<u>COMMON NAME</u>	<u>PALM TREES</u>	<u>COMMON NAME</u>	<u>SHRUB AREAS</u>	<u>COMMON NAME</u>
BS	Gumbo Limbo	AMR	Christmas Palm	FG	Green Island Ficus
CG	Orange Geiger Tree	PE	Solitaire Palm	IN	Dwarf Yaupon Holly
CS	Silver Buttonwood	SSR	Cabbage Palm	TF	Dwarf Fakahatchee Grass
LF	Muskogee Grape Myrtle	T20	Florida Thatch Palm	<u>GROUND COVERS</u>	<u>COMMON NAME</u>
LWR	Wild Tamarind	T8	Florida Thatch Palm	AG	Perennial Peanut
QV	Southern Live Oak			EB	Blue Daze



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SEE SHEET L1.01 FOR CONTINUATION

PARKER AVENUE  
STREETSCAPE  
PREPARED FOR  
CITY OF WEST PALM BEACH  
WEST PALM BEACH, FL

# LANDSCAPE PLAN

DATE	JUNE, 2023	JONATHAN D. HAIGH, PLA
SCALE	AS SHOWN	FL LICENSE NUMBER
DESIGNED BY	JH	LA # 6666795
DRAWN BY	DH	
CHECKED BY	JH	DATE: 06/08/2023

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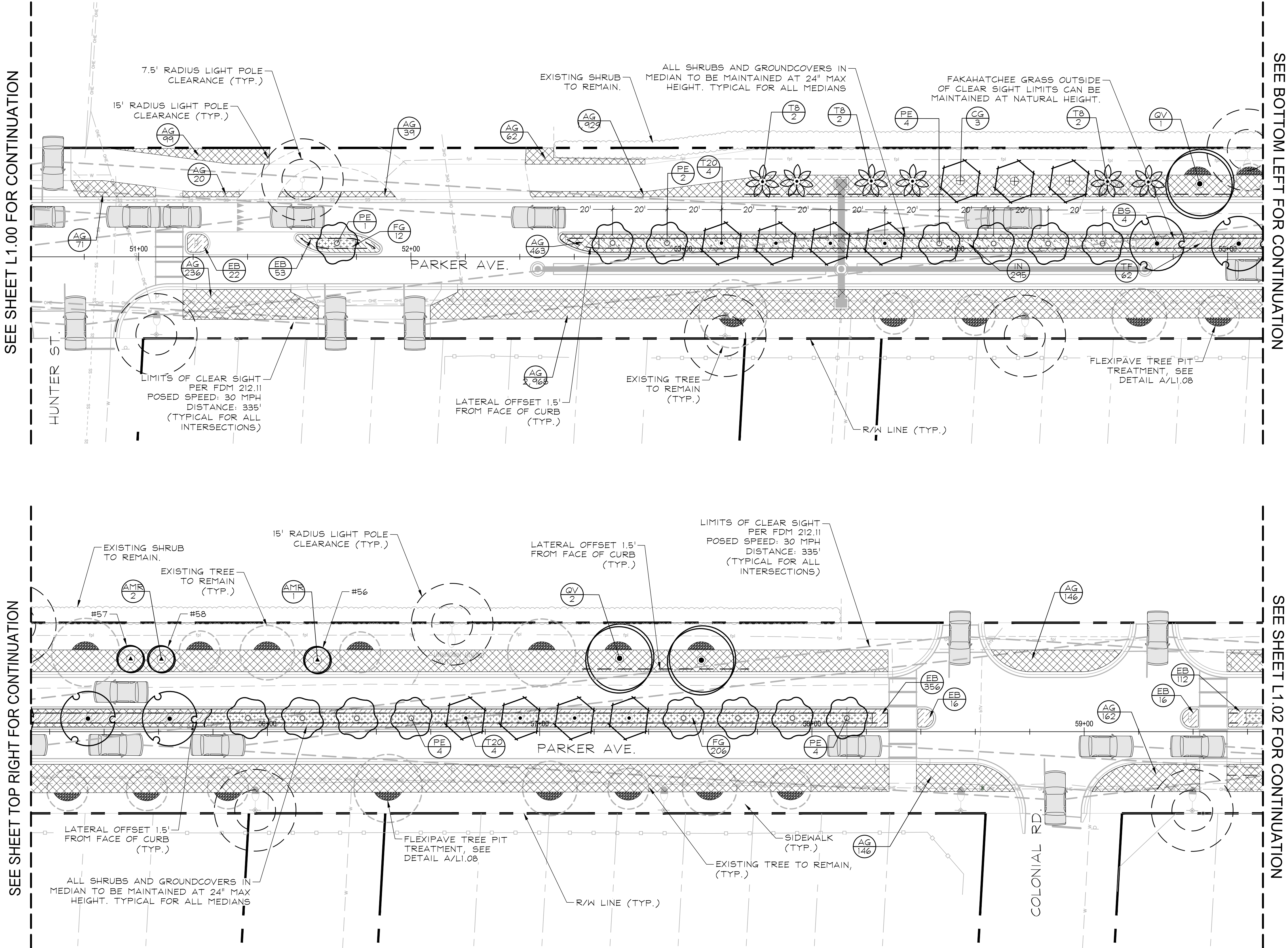
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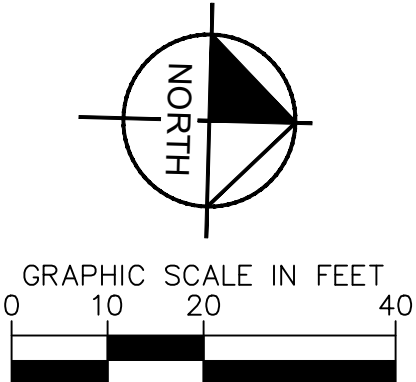
SEE SHEET L1.00 FOR CONTINUATION

SEE SHEET TOP RIGHT FOR CONTINUATION



PLANT SCHEDULE

TREES		PALM TREES		SHRUB AREAS	
BS	Gumbo Limbo	AMR	Christmas Palm	FG	Green Island Ficus
CG	Orange Geiger Tree	PE	Solitaire Palm	IN	Dwarf Yaupon Holly
CS	Silver Buttonwood	SSR	Cabbage Palm	TF	Dwarf Fakahatchee Grass
LF	Muskogee Grape Myrtle	T20	Florida Thatch Palm	GROUND COVERS	
LWR	Wild Tamarind	T8	Florida Thatch Palm	AG	Perennial Peanut
QV	Southern Live Oak			EB	Blue Daze



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PARKER AVENUE  
STREETSCAPE  
PREPARED FOR  
CITY OF WEST PALM BEACH

LANDSCAPE PLAN

LICENSED PROFESSIONAL  
KHA PROJECT  
144391075  
DATE  
JUNE, 2023  
SCALE  
AS SHOWN  
DESIGNED BY  
JH  
DRAWN BY  
DH  
CHECKED BY  
JH  
JONATHAN D. HAIGH, PLA  
FL LICENSE NUMBER  
LA # 6666795  
DATE: 06/08/2023

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PHONE (561) 845-0665 FAX (561) 863-8175  
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REVISIONS

DATE

BY

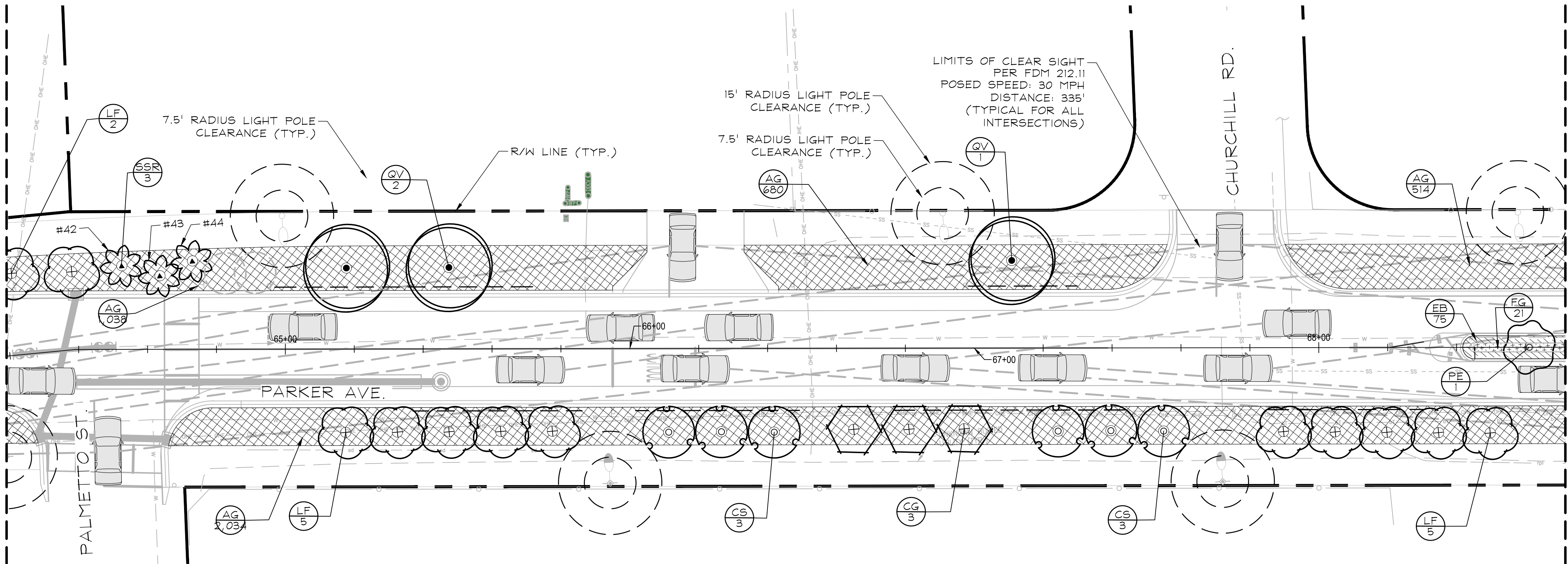
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L1.01



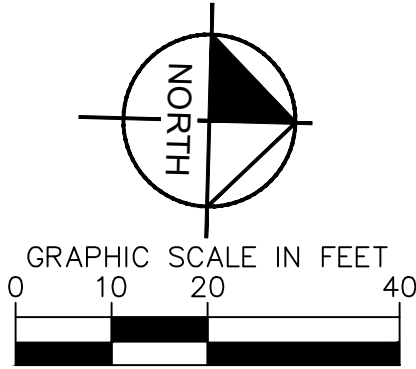
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#### PLANT SCHEDULE

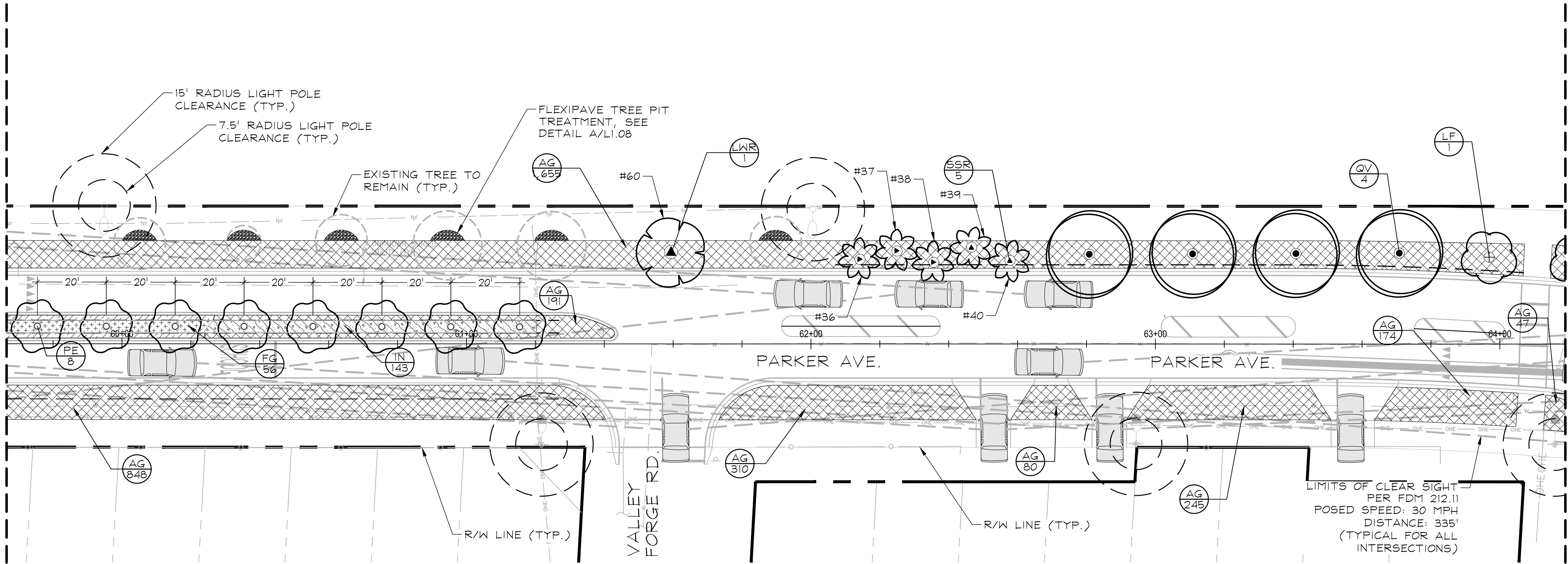
TREES	COMMON NAME	PALM TREES	COMMON NAME	SHRUB AREAS	COMMON NAME
BS	Gumbo Limbo	AMR	Christmas Palm	FG	Green Island Ficus
CG	Orange Geiger Tree	PE	Solitaire Palm	IN	Dwarf Yaupon Holly
CS	Silver Buttonwood	SSR	Cabbage Palm	TF	Dwarf Fakahatchee Grass
LF	Muskogee Grape Myrtle	T20	Florida Thatch Palm		
LWR	Wild Tamarind	T8	Florida Thatch Palm		
QV	Southern Live Oak				
GROUND COVERS	COMMON NAME				
AG	Perennial Peanut				
EB	Blue Daze				



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PARKER AVENUE  
STREETSCAPE  
PREPARED FOR  
CITY OF WEST PALM BEACH

## LANDSCAPE PLAN

KHA PROJECT  
144391075  
DATE  
JUNE, 2023  
SCALE  
AS SHOWN  
DESIGNED BY  
JH  
DRAWN BY  
DH  
CHECKED BY  
JH

LICENSED PROFESSIONAL  
JONATHAN D. HAIGH, PLA  
FL LICENSE NUMBER  
LA # 6666795  
DATE: 06/08/2023

**Kimley»Horn**  
1920 NEKIVA WAY SUITE 200, WEST PALM BEACH, FL 33411  
PHONE (561) 845-0665 FAX (561) 863-8175  
WWW.KIMLEY-HORN.COM CA 00000696

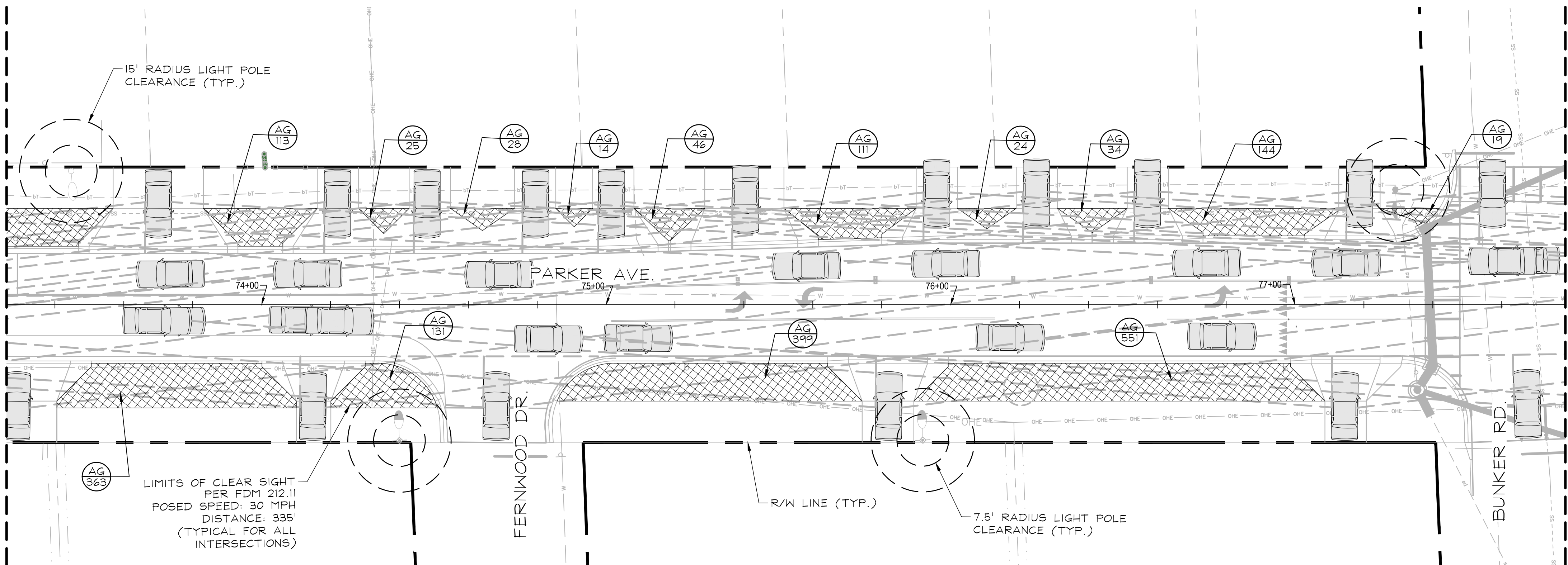
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SHEET NUMBER  
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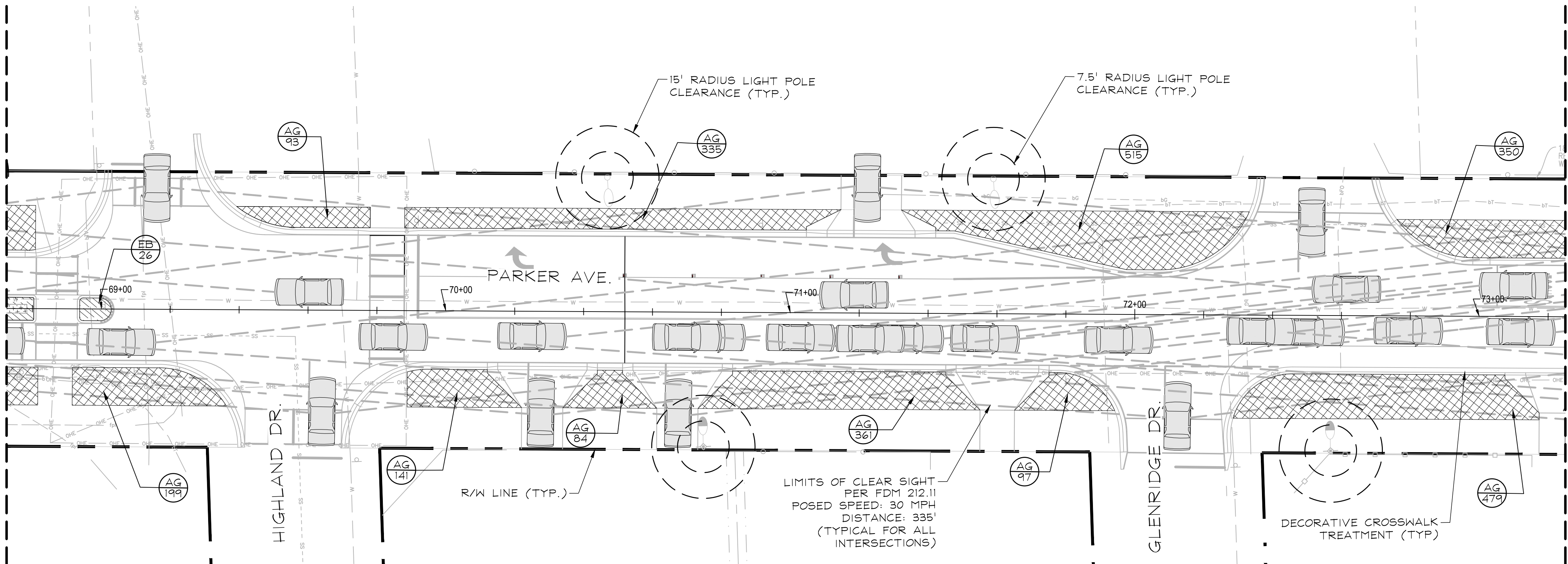
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#### PLANT SCHEDULE

TREES		PALM TREES		SHRUB AREAS	
BS	COMMON NAME Gumbo Limbo	AMR	COMMON NAME Christmas Palm	FG	COMMON NAME Green Island Ficus
CG	Orange Geiger Tree	PE	Solitaire Palm	IN	Dwarf Yaupon Holly
CS	Silver Buttonwood	SSR	Cabbage Palm	TF	Dwarf Fakahatchee Grass
LF	Muskogee Grape Myrtle	T20	Florida Thatch Palm	GROUND COVERS	
LWR	Wild Tamarind	T8	Florida Thatch Palm	AG	COMMON NAME Perennial Peanut
QV	Southern Live Oak			EB	Blue Daze

SEE SHEET L1.02 FOR CONTINUATION



SEE SHEET L1.03 FOR CONTINUATION

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PARKER AVENUE  
STREETSCAPE  
PREPARED FOR  
CITY OF WEST PALM BEACH  
FL

### LANDSCAPE PLAN

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144391075  
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FL LICENSE NUMBER  
LA # 6666795  
DATE 06/08/2023

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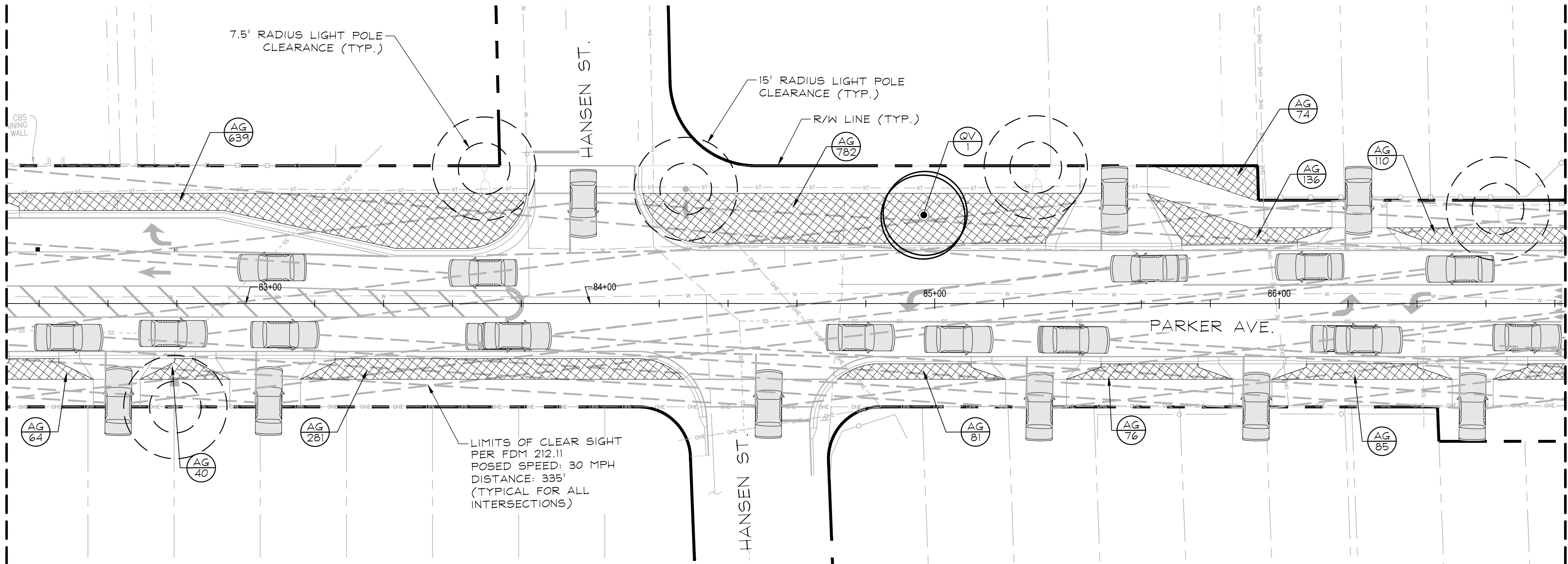
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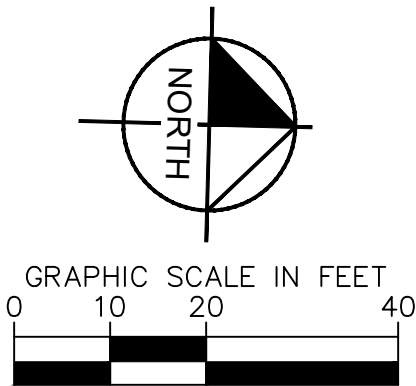
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PLANT SCHEDULE

TREES		PALM TREES		SHRUB AREAS	
BS	COMMON NAME Gumbo Limbo	AMR	COMMON NAME Christmas Palm	FG	COMMON NAME Green Island Ficus
CG	Orange Geiger Tree	PE	Solitaire Palm	IN	Dwarf Yaupon Holly
CS	Silver Buttonwood	SSR	Cabbage Palm	TF	Dwarf Fakahatchee Grass
LF	Muskogee Grape Myrtle	T20	Florida Thatch Palm	GROUND COVERS	COMMON NAME Perennial Peanut
LWR	Wild Tamarind	T8	Florida Thatch Palm		Blue Daze
QV	Southern Live Oak				



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L1.04

LANDSCAPE PLAN

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DATE 06/08/2023  
LISCENSED PROFESSIONAL  
JONATHAN D. HAIGH, PLA  
FL LICENSE NUMBER  
LA # 6666795

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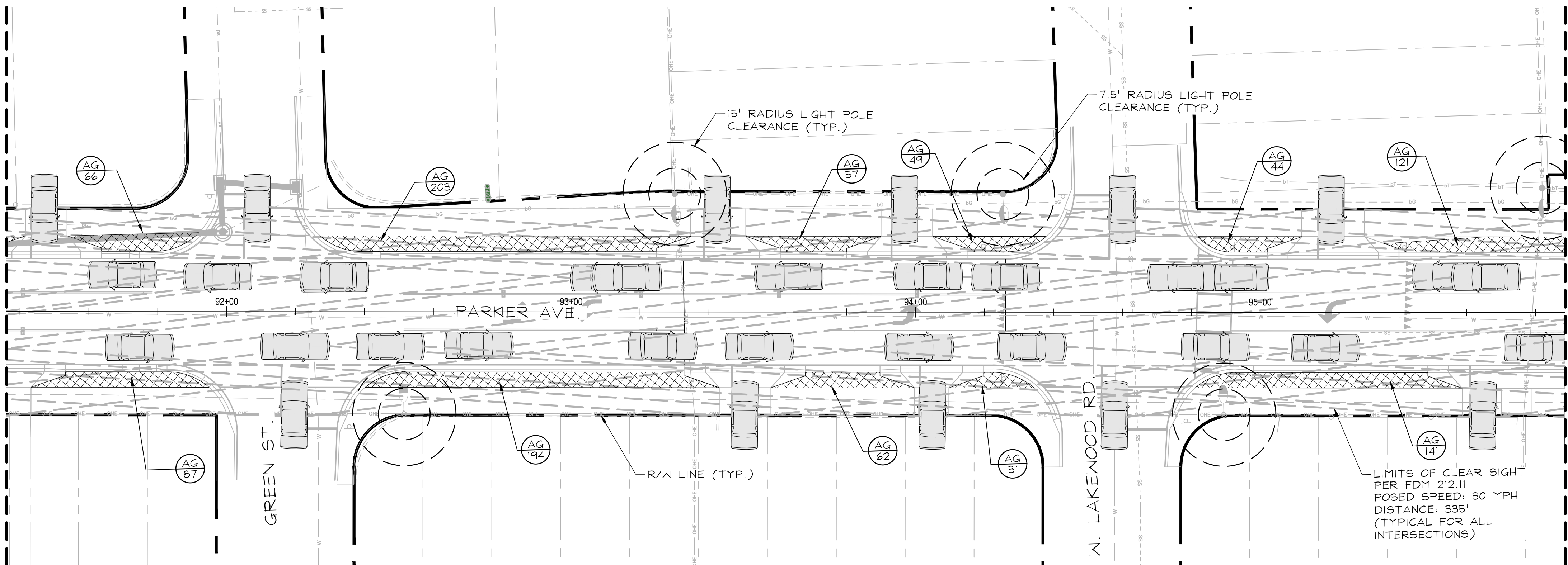
DATE

BY



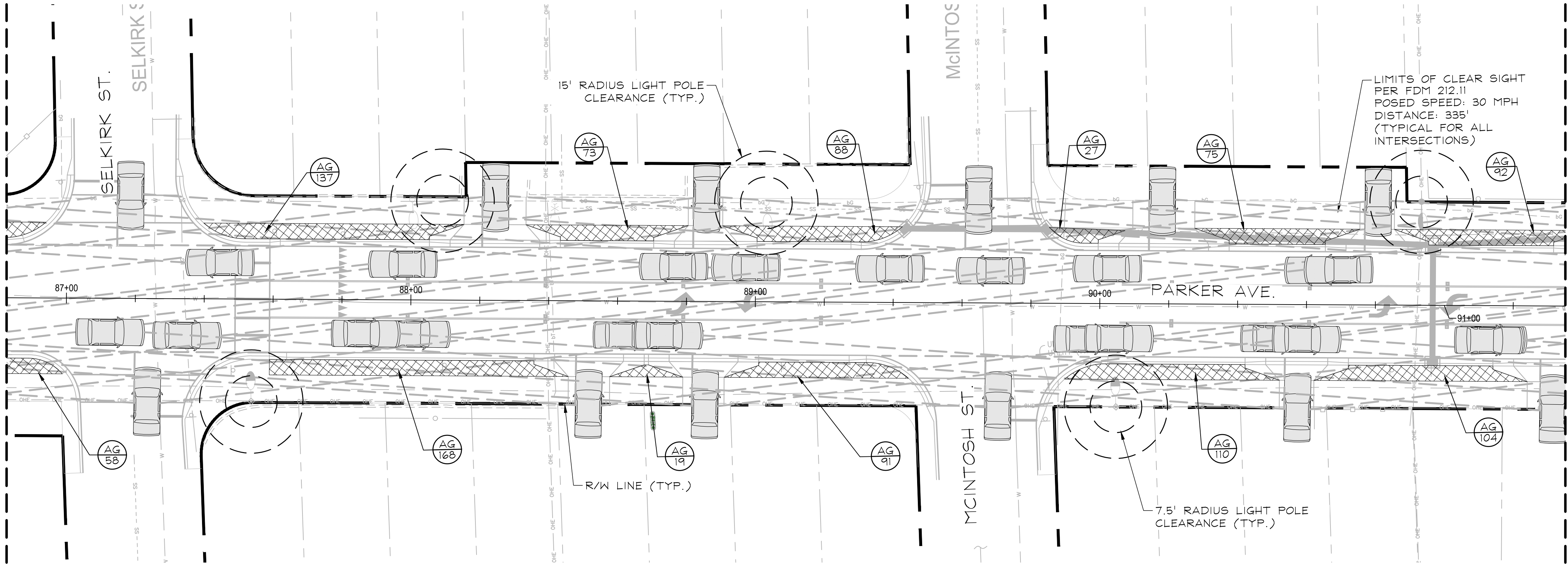
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SEE SHEET L1.06 FOR CONTINUATION

SEE SHEET L1.04 FOR CONTINUATION



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#### PLANT SCHEDULE

##### TREES

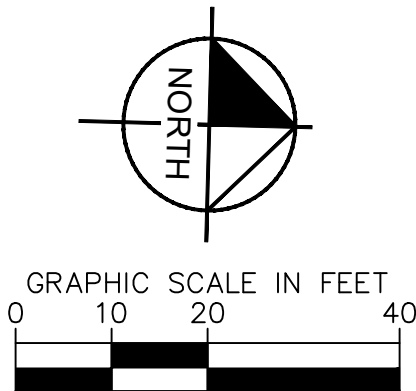
BS	COMMON NAME
CG	Orange Geiger Tree
CS	Silver Buttonwood
LF	Muskogee Grape Myrtle
LWR	Wild Tamarind
QV	Southern Live Oak

##### PALM TREES

AMR	COMMON NAME
PE	Solitaire Palm
SSR	Cabbage Palm
T20	Florida Thatch Palm
T8	Florida Thatch Palm

##### SHRUB AREAS

FG	COMMON NAME
IN	Dwarf Yaupon Holly
TF	Dwarf Fakahatchee Grass
GROUND COVERS	COMMON NAME
AG	Perennial Peanut
EB	Blue Daze



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PARKER AVENUE  
STREETSCAPE  
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## LANDSCAPE PLAN

KHA PROJECT  
144391075  
DATE  
JUNE, 2023  
SCALE AS SHOWN  
DESIGNED BY JH  
DRAWN BY DH  
CHECKED BY JH

LICENSED PROFESSIONAL

JONATHAN D. HAIGH, PLA  
FL LICENSE NUMBER  
LA # 6666795

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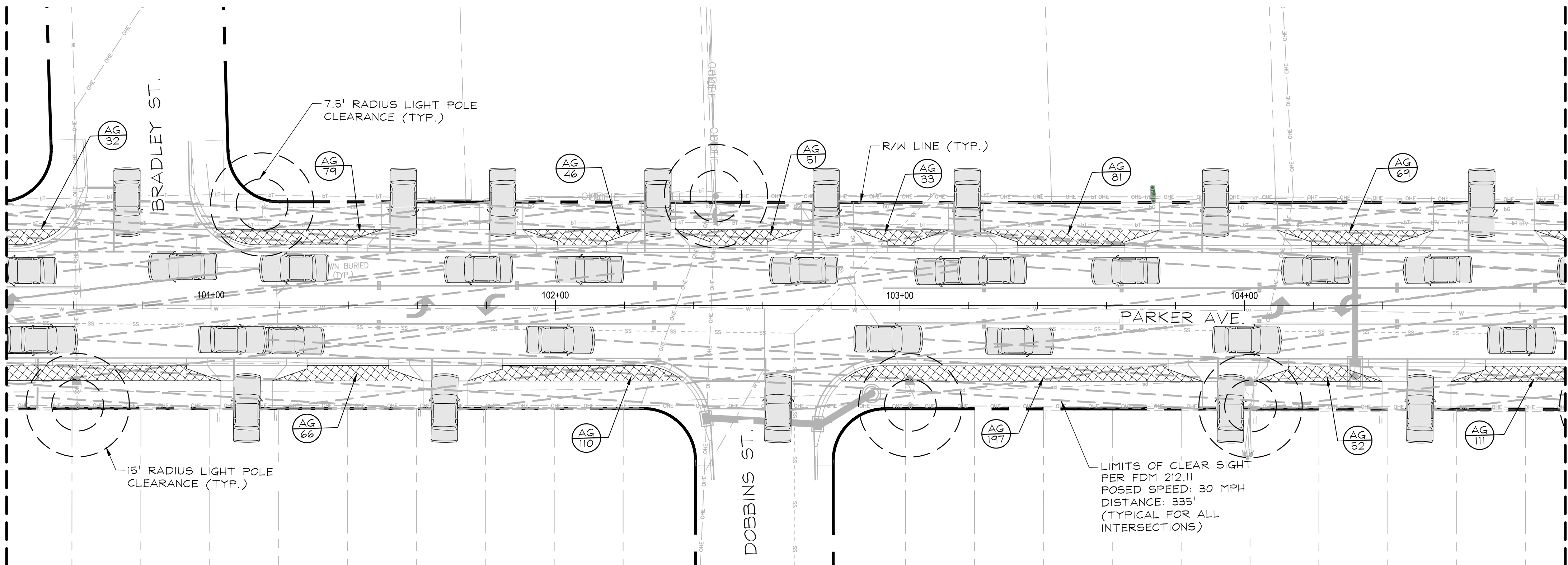
REVISIONS

No. DATE BY



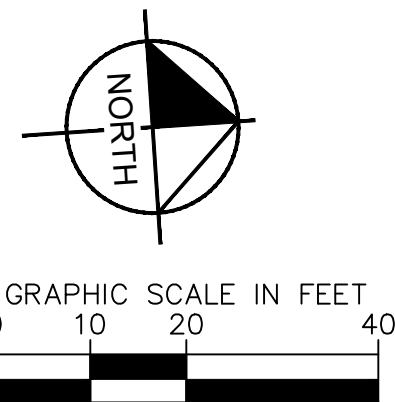
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#### PLANT SCHEDULE

TREES	COMMON NAME	PALM TREES	COMMON NAME	SHRUB AREAS	COMMON NAME
BS	Gumbo Limbo	AMR	Christmas Palm	FG	Green Island Ficus
CG	Orange Geiger Tree	PE	Solitaire Palm	IN	Dwarf Yaupon Holly
CS	Silver Buttonwood	SSR	Cabbage Palm	TF	Dwarf Fakahatchee Grass
LF	Muskogee Grape Myrtle	T20	Florida Thatch Palm	GROUND COVERS	COMMON NAME
LWR	Wild Tamarind	T8	Florida Thatch Palm	AG	Perennial Peanut
QV	Southern Live Oak			EB	Blue Daze



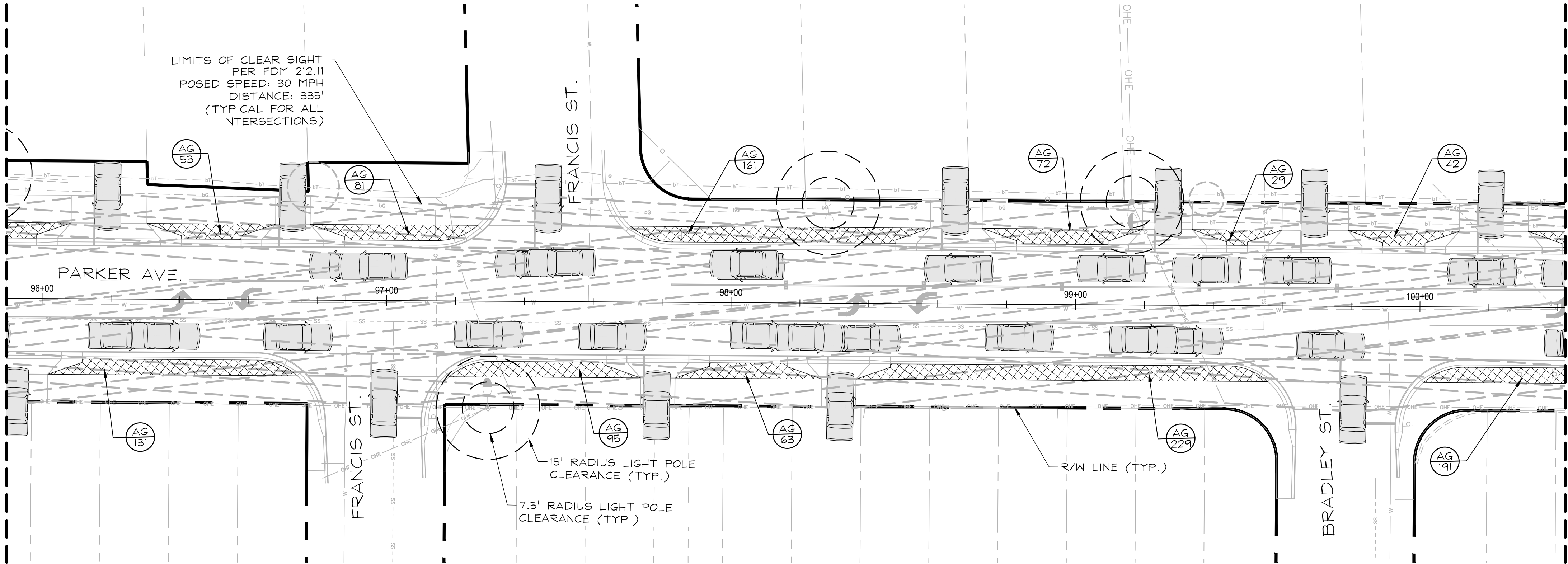
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## LANDSCAPE PLAN

KHA PROJECT  
144391075

DATE  
JUNE, 2023

SCALE  
AS SHOWN

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JH

DRAWN BY  
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LICENSED PROFESSIONAL  
JONATHAN D. HAIGH, PLA  
FL LICENSE NUMBER  
LA # 6666795

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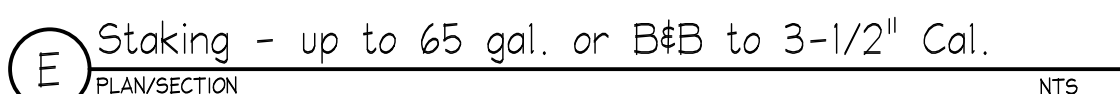
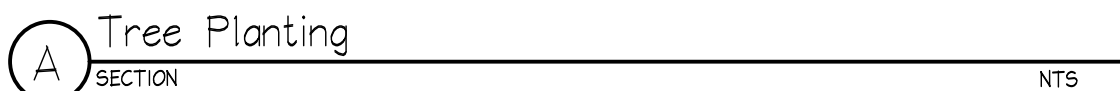
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SHEET NUMBER  
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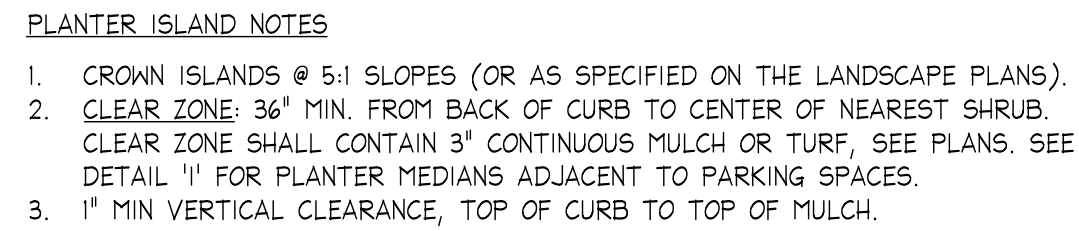
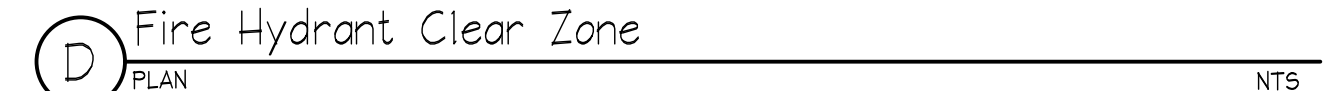
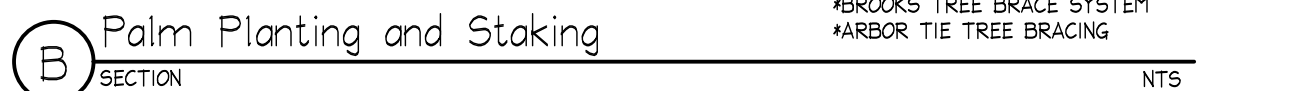
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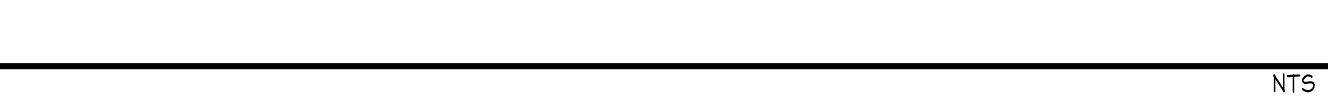
SIZE: 36" D  
MATERIAL: POLYETHYLENE WITH ULTRAVIOLET INHIBITORS  
THICKNESS: .085 IN. (min.)

- Root Barrier  
Barrier Detail



- ## Planted Parking Lot Islands / Medians

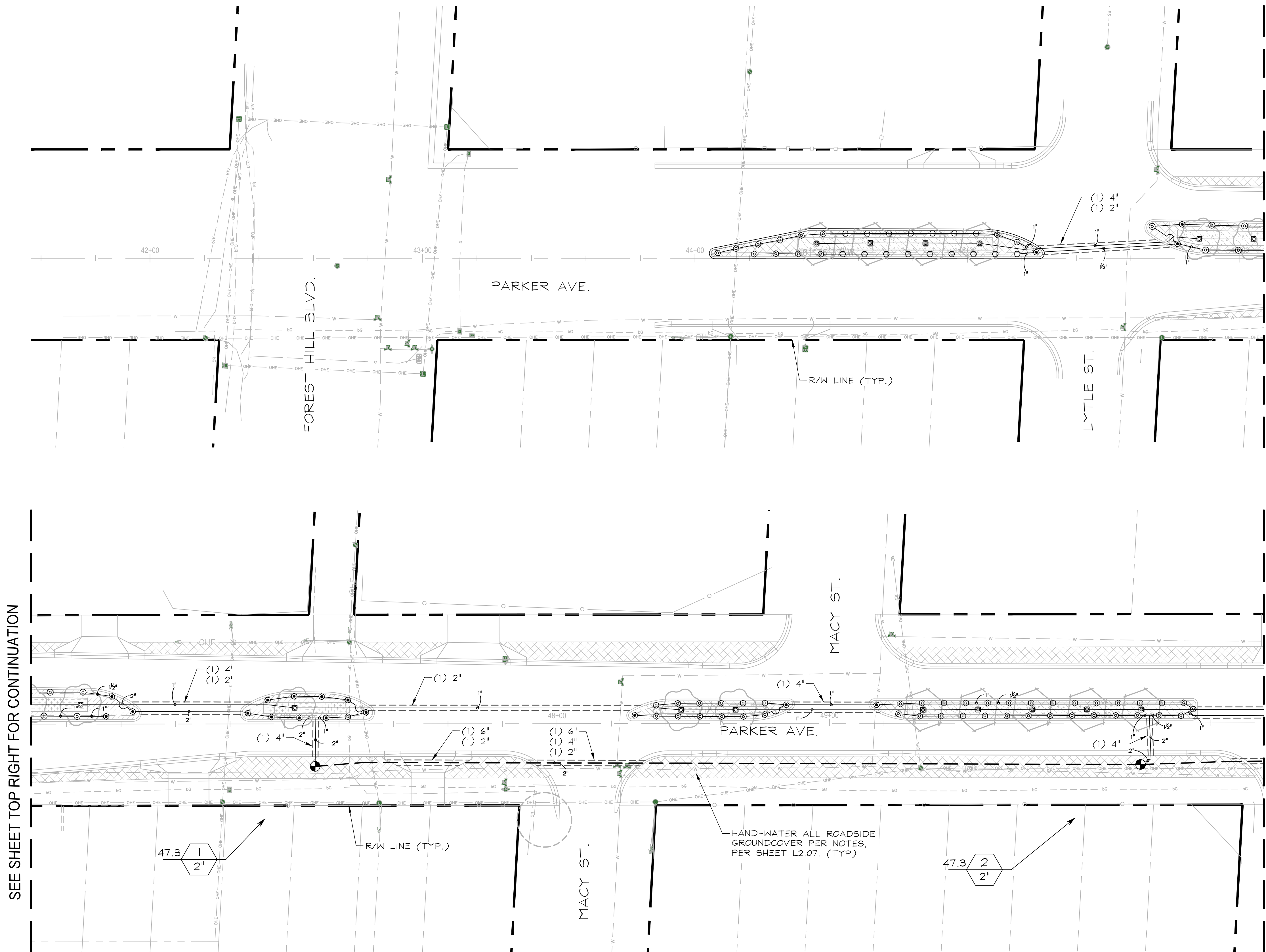
1. RUBBERIZED TREE PIT PRODUCT-BY KBI INDUSTRIES, INC. (1 777) 723-3300  
FLEXIPAVE HD2000  
THICKNESS: 2"  
COLOR: CYPRESS  
QUANTITY: 28 HALFMOON PITS (10'X3')
2. FILL VOID BETWEEN RUBBERIZED TREE PIT PRODUCT AND TOP OF ROOT BALL PER DETAIL.
3. KBI QUALIFIED INSTALLER TO PERFORM OR DIRECTLY SUPERVISE INSTALLATION OF PRODUCT.











PLAN IS DIAGRAMMATIC.  
CONTRACTOR SHALL  
INSTALL ALL IRRIGATION  
EQUIPMENT IN LANDSCAPE  
OR TURF AREAS WITHIN  
PROJECT LIMITS.

# IRRIGATION SYSTEM NOTES

1. CONTRACTOR SHALL REFER TO THE IRRIGATION DETAILS, IRRIGATION SCHEDULE, SPECIFICATIONS AND ALL CONTRACT DOCUMENTS FOR FURTHER AND COMPLETE INSTRUCTIONS.
2. IRRIGATION QUANTITIES ARE PROVIDED FOR CONVENIENCE. IN THE EVENT OF QUANTITY DISCREPANCIES THE DRAWING SHALL TAKE PRECEDENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
3. ANY SUBSTITUTIONS FOR SPECIFIED IRRIGATION EQUIPMENT MUST BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE IN WRITING PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL FIELD ADJUST LOCATION OF IRRIGATION EQUIPMENT AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR INTERFERE WITH EXISTING ABOVE GROUND ELEMENTS. ALL FIELD ADJUSTMENTS SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.
5. CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN CALENDAR DAYS OF NOTICE TO PROCEED.
6. IRRIGATION PLAN IS DIAGRAMMATIC. EQUIPMENT SHOWN ON IMPERVIOUS SURFACES IS FOR GRAPHIC CLARITY UNLESS OTHERWISE NOTED. CONTRACTOR SHALL INSTALL ALL EQUIPMENT WITHIN LANDSCAPE AREAS IN PROPERTY LIMITS.

THE IRRIGATION SYSTEM IS DESIGNED TO  
OPERATE WITH A SOURCE PROVIDING 61  
GPM AT 57 PSI.







SPRAY HEAD DESIGN PRESSURE: 30  
PSI  
BUBBLER DESIGN PRESSURE: 30  
PSI

## SEE SHEET TOP RIGHT FOR CONTINUATION

## SEE SHEET L2.01 FOR CONTINUATION

## IRRIGATION SCHEDULE

<u>SYMBOL</u>	<u>MANUFACTURER/MODEL</u>
	Toro 570Z-12P 8 Series
	Toro 570Z-12P Adj Series
	Toro 570S-FB-PC

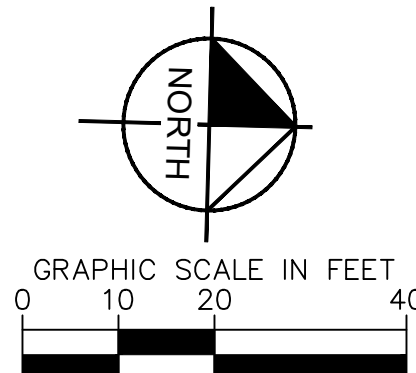
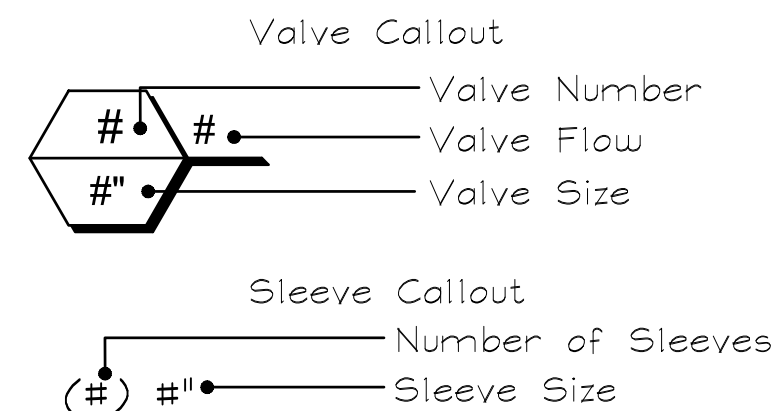
<u>SYMBOL</u>	<u>MANUFACTURER/MODEL</u>
	Irritrol 700 with OMIR-100
	Backflow Preventer 1-1/2"
	DIG Corporation LEIT 4004
	DIG Corporation LEIT 4006
	Hunter MINI-CLIK
	Water Meter 1-1/2"

**M2** Water Meter 1-1/2"

\_\_\_\_\_ Irrigation Lateral Line: PVC Schedule 40

— — — — — Irrigation Mainline: PVC Schedule 40

— — — — — Pipe Sleeve: PVC Schedule 80



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## IRRIGATION PLAN

KHA PROJECT 144391075	DATE JUNE, 2023	JONATHAN D. HAIGH, PLA	LICENSED PROFESSIONAL
	SCALE AS SHOWN	FL LICENSE NUMBER LA # 6666795	
	DESIGNED BY JH		
	DRAWN BY DH		
	CHECKED BY JH	DATE: 06/08/2023	

**Kimley»»Horn**  
1920 WEKIVA WAY SUITE 200, WEST PALM BEACH, FL 33411  
PHONE (561) 845-0665 FAX (561) 863-8775  
WWW.KIMLEY-HORN.COM CA 00000696

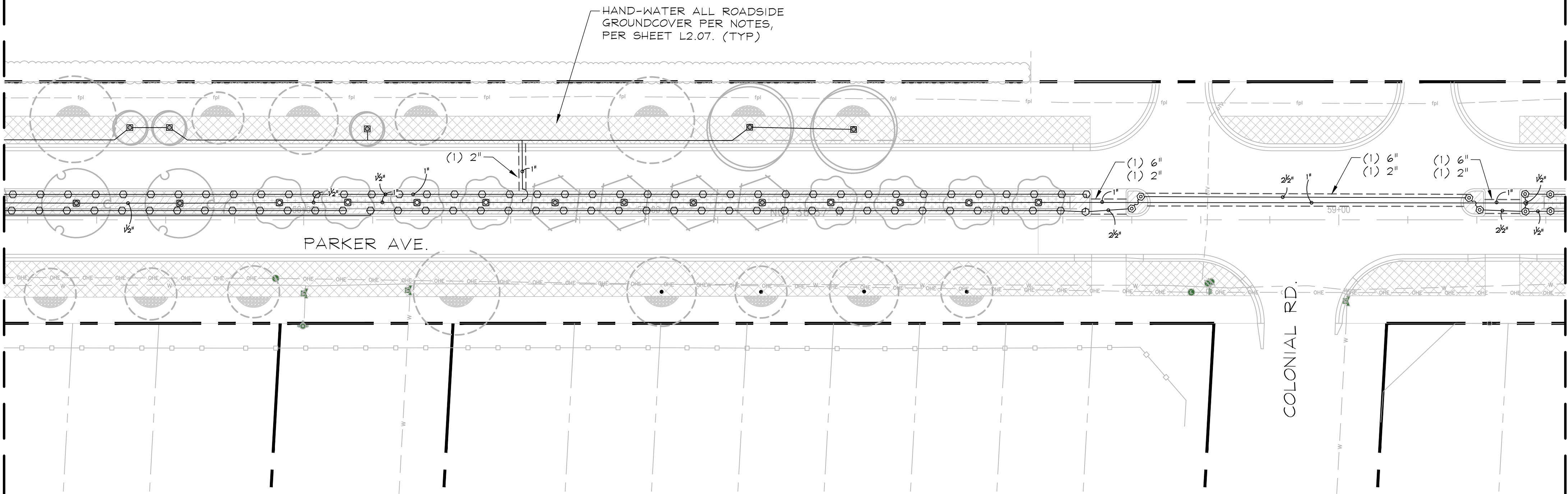
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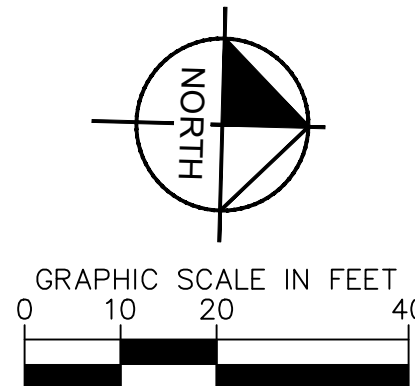
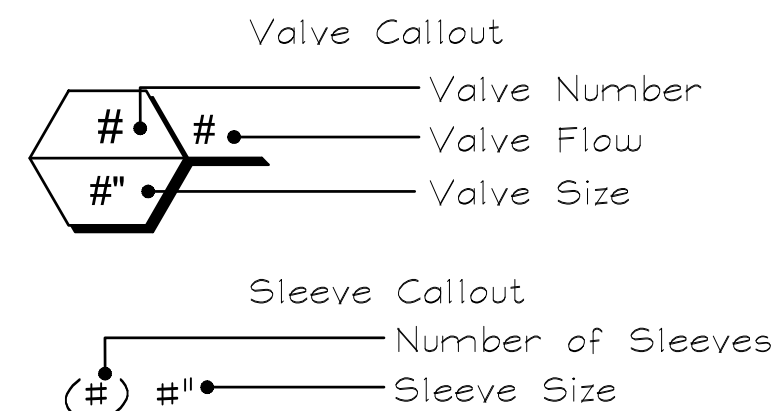


#### IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
	Toro 570Z-12P 8 Series
	Toro 570Z-12P Adj Series
	Toro 570S-FB-PC

SYMBOL	MANUFACTURER/MODEL
	Irritrol 700 with OMR-100
	Backflow Preventer 1-1/2"
	DIG Corporation LEIT 4004
	DIG Corporation LEIT 4006
	Hunter MINI-CLIK
	Water Meter 1-1/2"

	Water Meter 1-1/2"
	Irrigation Lateral Line: PVC Schedule 40
	Irrigation Mainline: PVC Schedule 40
	Pipe Sleeve: PVC Schedule 80



SEE SHEET L2.02 FOR CONTINUATION

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PLAN IS DIAGRAMMATIC.  
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OR TURF AREAS WITHIN  
PROJECT LIMITS.

PARKER AVENUE  
STREETSCAPE  
PREPARED FOR  
CITY OF WEST PALM BEACH

#### IRRIGATION PLAN

KHA PROJECT 144391075	LICENSED PROFESSIONAL JONATHAN D. HAIGH, PLA
DATE JUNE, 2023	FL LICENSE NUMBER LA # 6666795
SCALE AS SHOWN	
DESIGNED BY JH	
DRAWN BY DH	
CHECKED BY JH	DATE 06/08/2023

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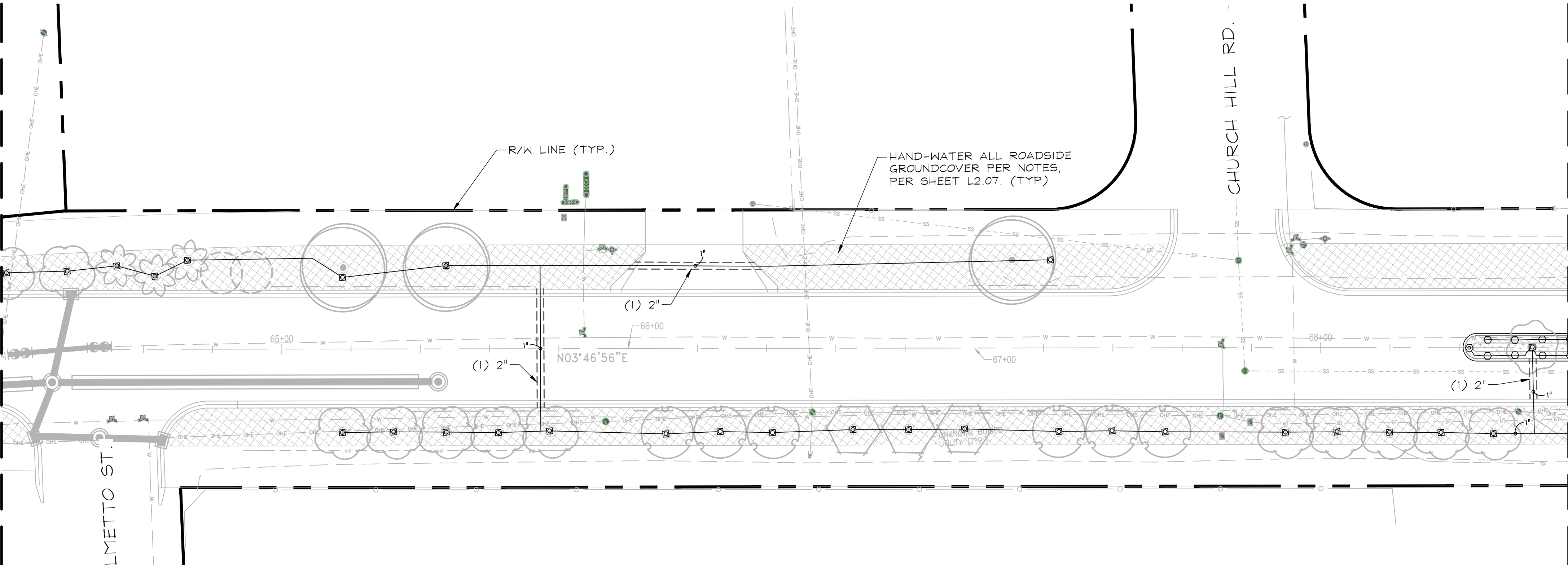




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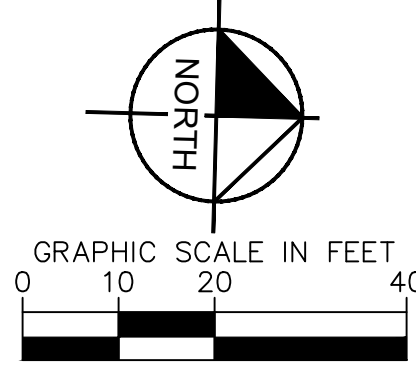
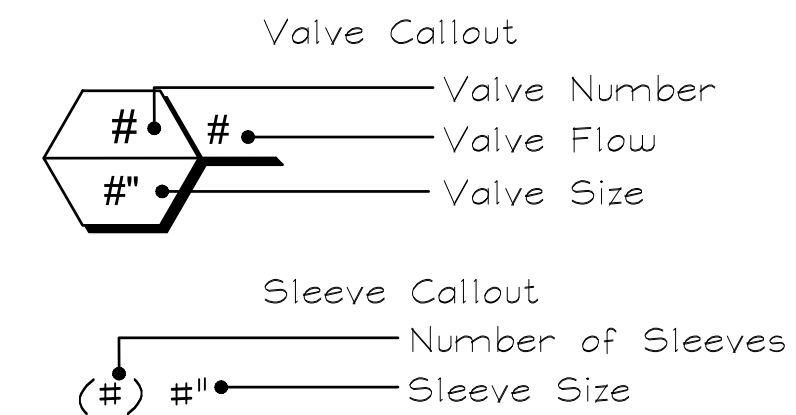


#### IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
	Toro 570Z-12P 8 Series
	Toro 570Z-12P Adj Series
	Toro 570S-FB-PC

SYMBOL	MANUFACTURER/MODEL
	Irritrol 700 with OMR-100
	Backflow Preventer 1-1/2"
	DIG Corporation LEIT 4004
	DIG Corporation LEIT 4006
	Hunter MINI-CLIK
	Water Meter 1-1/2"

	Water Meter 1-1/2"
	Irrigation Lateral Line: PVC Schedule 40
	Irrigation Mainline: PVC Schedule 40
	Pipe Sleeve: PVC Schedule 80



SEE SHEET L2.03 FOR CONTINUATION

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STREETSCAPE  
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## IRRIGATION PLAN

KHA PROJECT  
144391075  
DATE  
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LICENSED PROFESSIONAL  
JONATHAN D. HAIGH, PLA  
FL LICENSE NUMBER  
LA # 6666795  
DATE 06/08/2023

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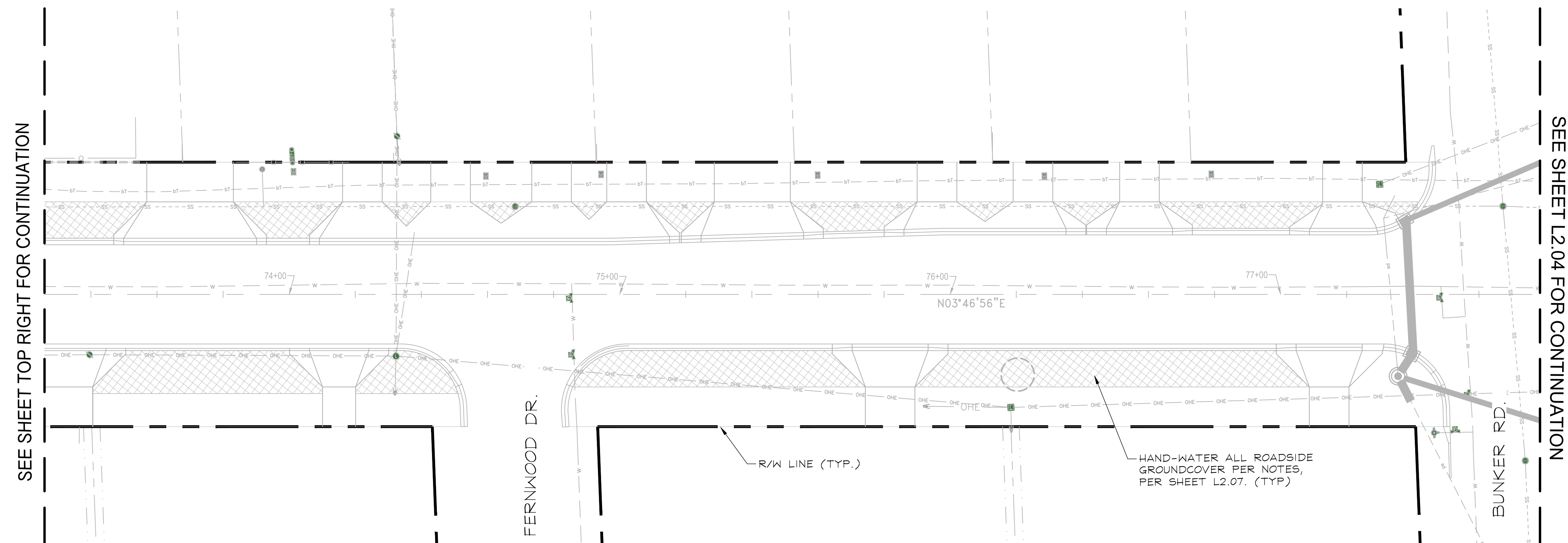
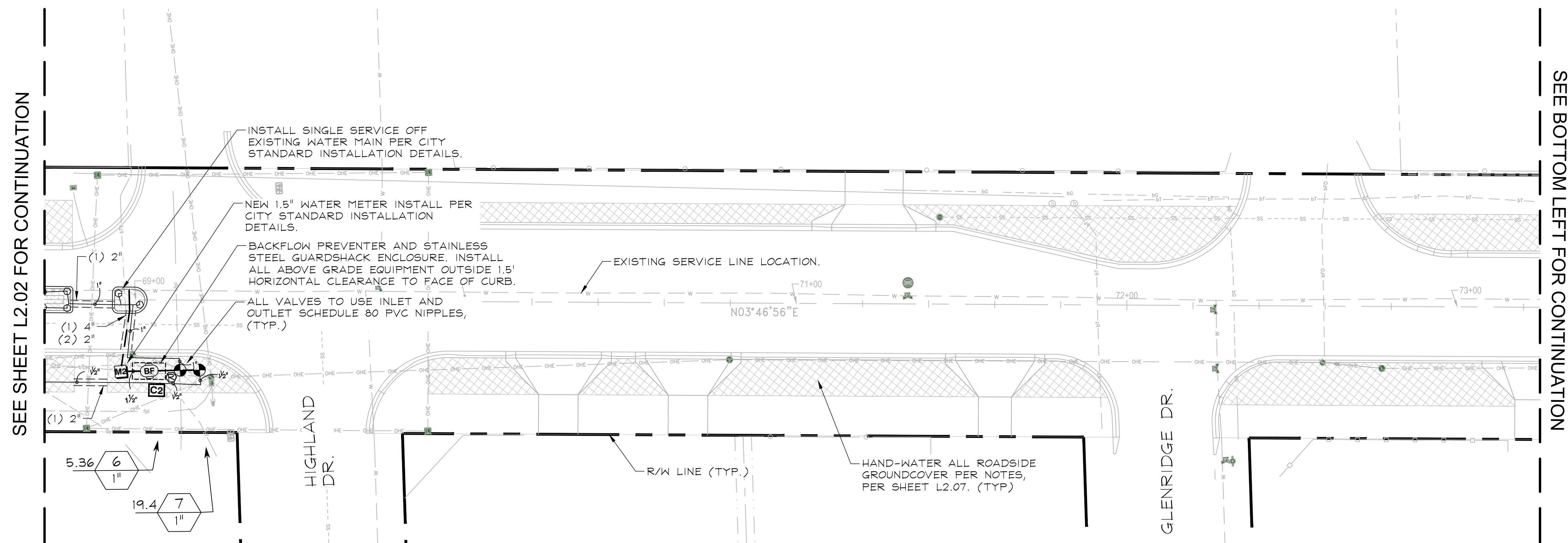
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IRRIGATION SCHEDULE

<u>SYMBOL</u>	<u>MANUFACTURER/MODEL</u>
     	Toro 570Z-I2P 8 Series
    	Toro 570Z-I2P Adj Series
   	Toro 570S-FB-PC

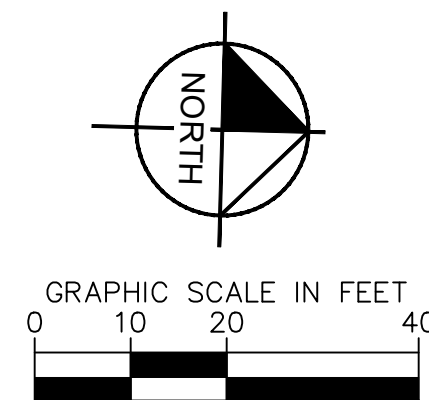
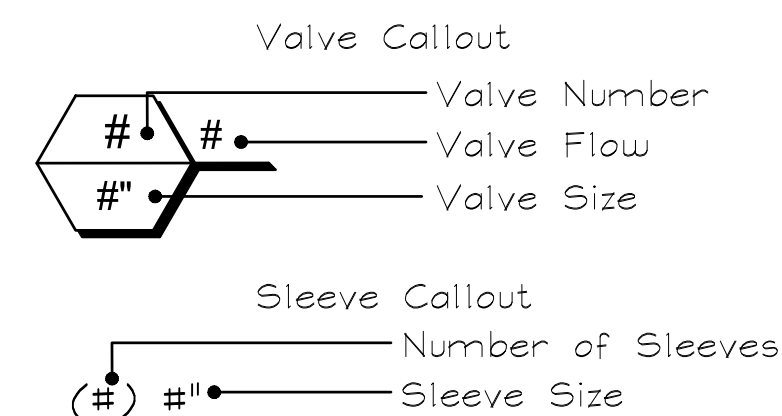
<u>SYMBOL</u>	<u>MANUFACTURER/MODEL</u>
	Irritrol 700 with OMR-100
	Backflow Preventer 1-1/2"
	DIG Corporation LEIT 4004
	DIG Corporation LEIT 4006
	Hunter MINI-CLIK
	Water Meter 1-1/2"

**M2** Water Meter 1-1/2"


———— Irrigation Lateral Line: PVC Schedule 40

— — — — Irrigation Mainline: PVC Schedule 40

===== Pipe Sleeve: PVC Schedule 80



PLAN IS DIAGRAMMATIC.  
CONTRACTOR SHALL  
INSTALL ALL IRRIGATION  
EQUIPMENT IN LANDSCAPE  
OR TURF AREAS WITHIN  
PROJECT LIMITS.

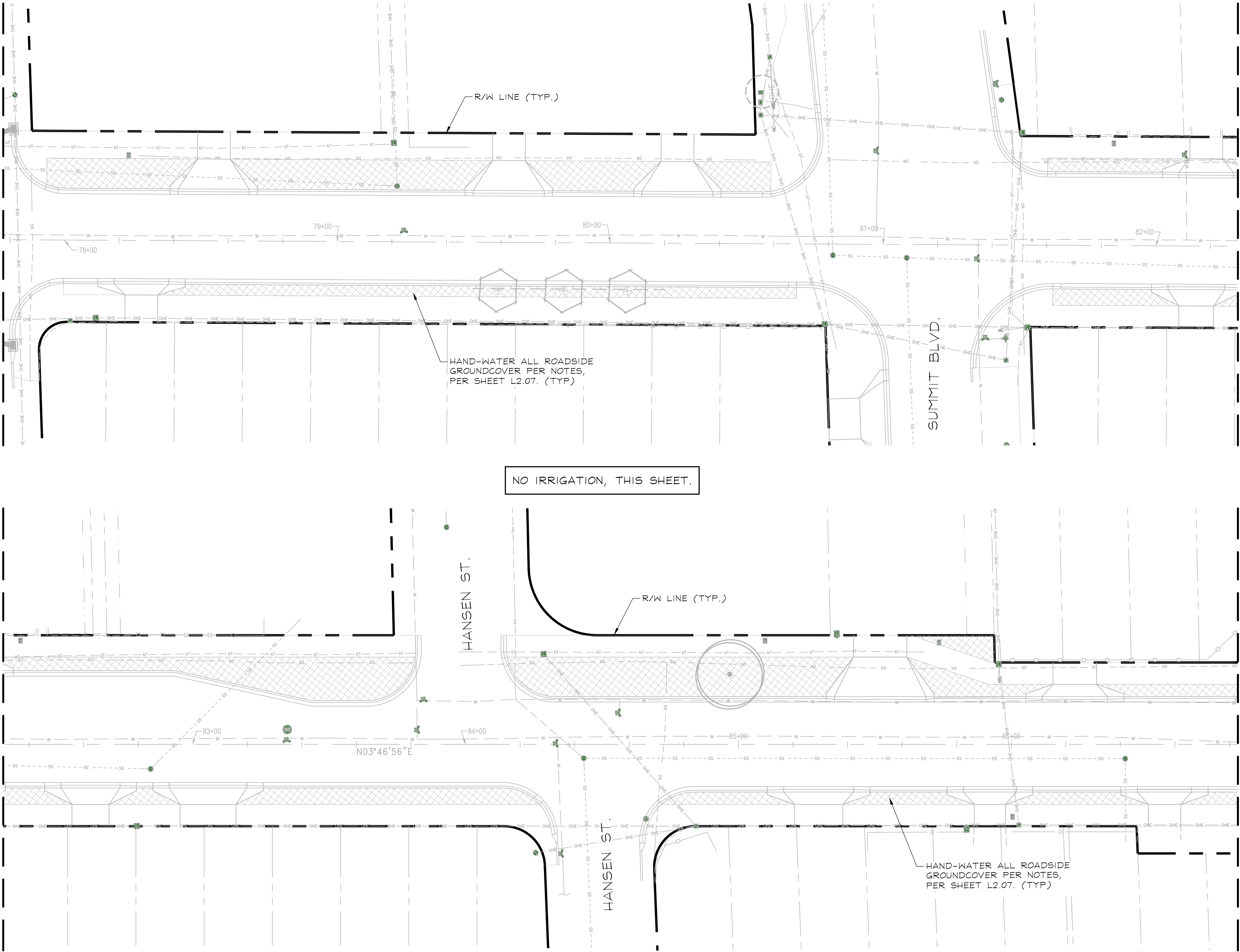
PARKER AVENUE STREETSCAPE PREPARED FOR CITY OF WEST PALM BEACH	SHEET NUMBER <b>L2.03</b>	IRRIGATION PLAN	KHA PROJECT 144391075	LICENSED PROFESSIONAL JONATHAN D. HACH, PLA	 1920 MEKIVA WAY SUITE 200, WEST PALM BEACH, FL 33411 PHONE (561) 844-4845 FAX (561) 865-8175 WWW.KIMLEY-HORN.COM CA 08030886	No.	REVISIONS	DATE	BY
			DATE JUNE, 2023	FL LICENSE NUMBER LA # 6666795					
			SCALE AS SHOWN						
			DESIGNED BY JH						
			DRAWN BY DH						
			CHECKED BY JH	DATE 06/08/2023					
WEST PALM BEACH FL									



Plotted By Torres, Tommy. Sheet Set Parker Ave Streetscape Layout L2.04 IRRIGATION PLAN June 08, 2023 03:26:18pm K:\WPB\URB\444391075 - Parker Ave WPB\CAD\PlanSheets\L2.00 IRRIGATION PLAN.dwg  
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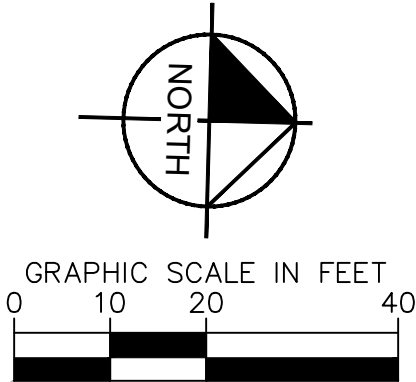
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SEE SHEET L2.03 FOR CONTINUATION



SEE SHEET L2.05 FOR CONTINUATION

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PARKER AVENUE  
STREETSCAPE  
PREPARED FOR  
CITY OF WEST PALM BEACH

IRRIGATION PLAN

KHA PROJECT  
144391075  
DATE  
JUNE, 2023  
SCALE AS SHOWN  
DESIGNED BY JH  
DRAWN BY DH  
CHECKED BY JH

LICENSED PROFESSIONAL  
JONATHAN D. HAIGH, PLA  
FL LICENSE NUMBER  
LA # 6666795  
DATE 06/08/2023

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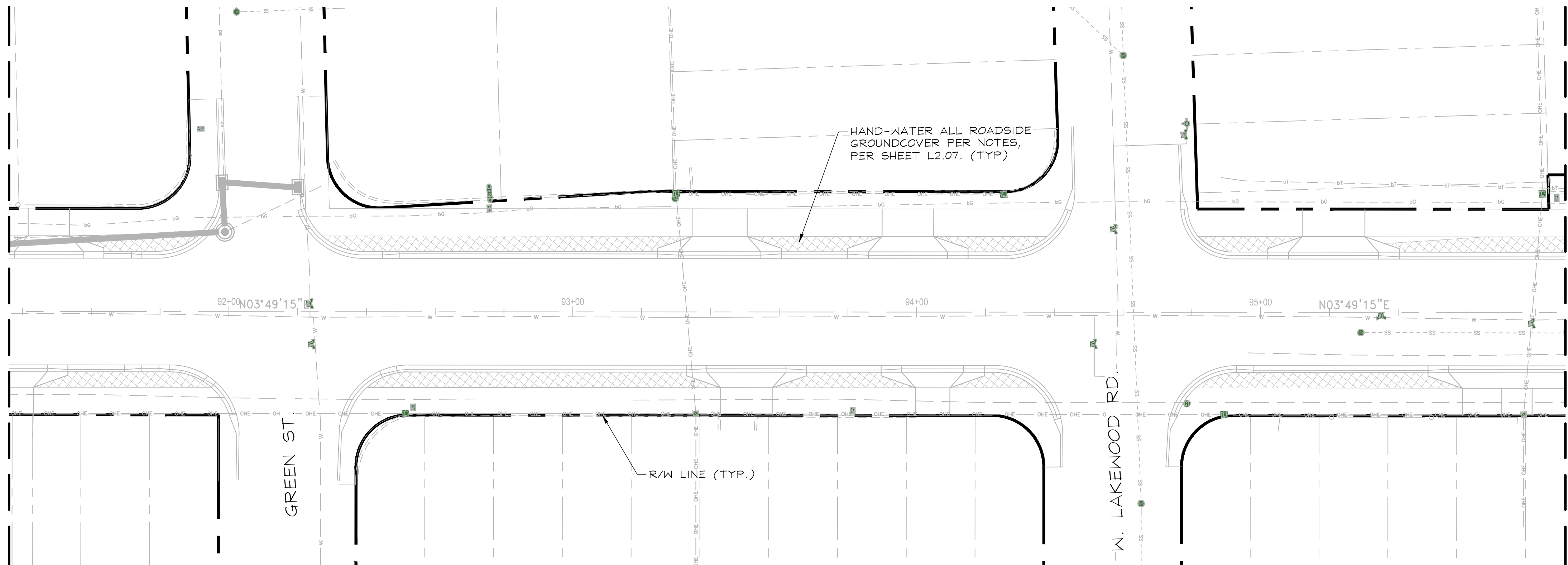
No.	REVISIONS	DATE	BY

SHEET NUMBER  
L2.04

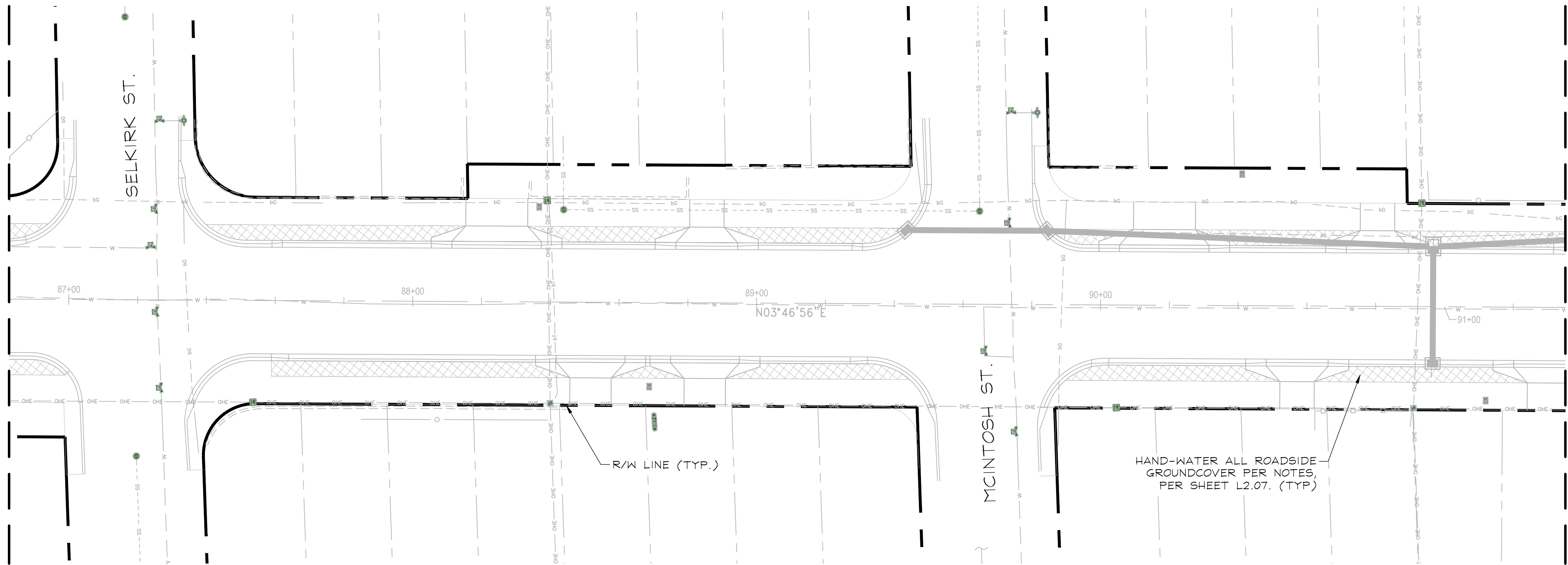
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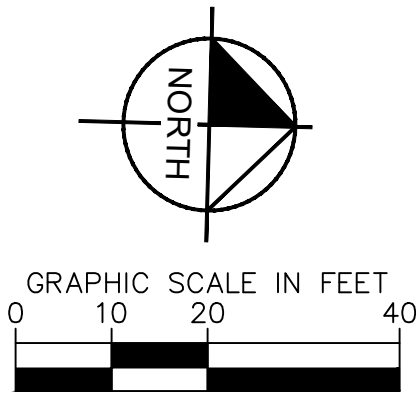


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## IRRIGATION PLAN

KHA PROJECT 144391075	DATE JUNE, 2023	SCALE AS SHOWN	DESIGNED BY JH	DRAWN BY DH	CHECKED BY JH	DATE 06/08/2023	FL LICENSE NUMBER LA # 6666795	LICENSED PROFESSIONAL JONATHAN D. HAIGHT, PLA
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LICENSED PROFESSIONAL  
JONATHAN D. HAIGH, P.L.A.

FL LICENSE NUMBER  
LA # 6666795

**Kimley»»Horn**

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SHEET NUMBER  
**L2.05**

WEST PALM BEACH

REVISIONS

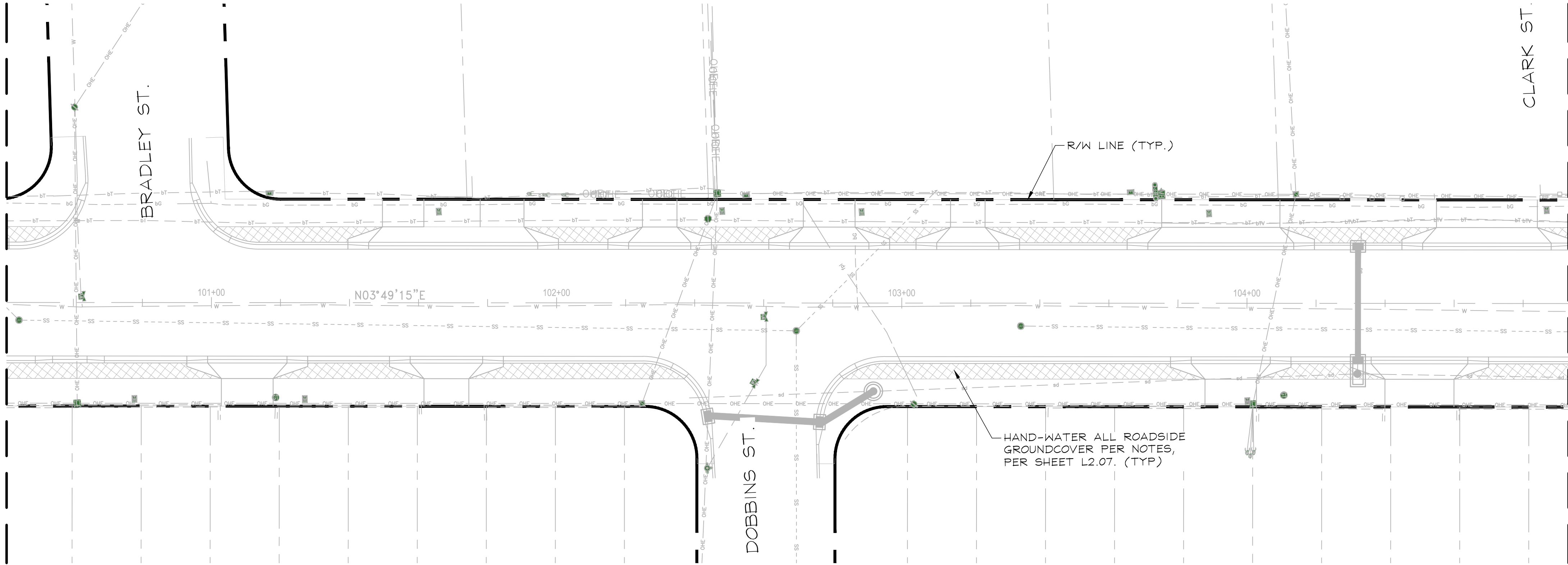
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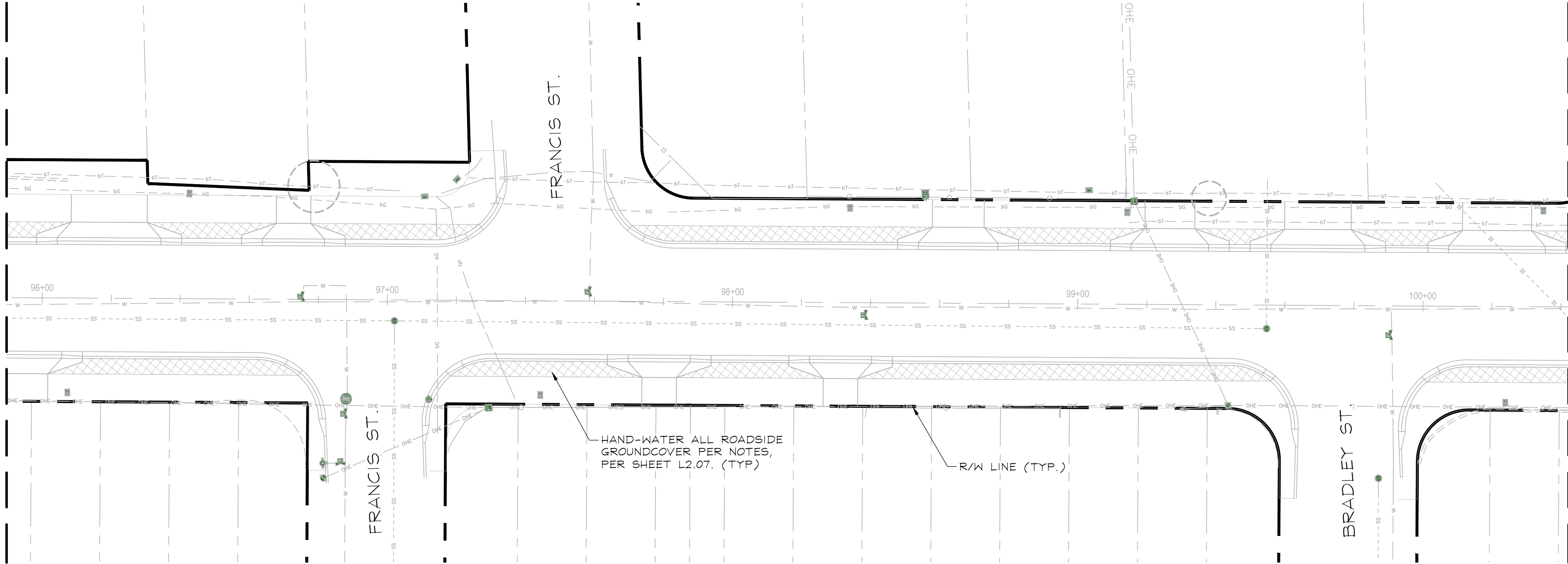


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CITY OF WEST PALM BEACH

IRRIGATION PLAN

KHA PROJECT  
144391075  
DATE  
JUNE, 2023  
SCALE AS SHOWN  
DESIGNED BY JH  
DRAWN BY DH  
CHECKED BY JH

LICENSED PROFESSIONAL  
JONATHAN D. HAIGH, PLA  
FL LICENSE NUMBER  
LA # 6666795  
DATE: 06/08/2023

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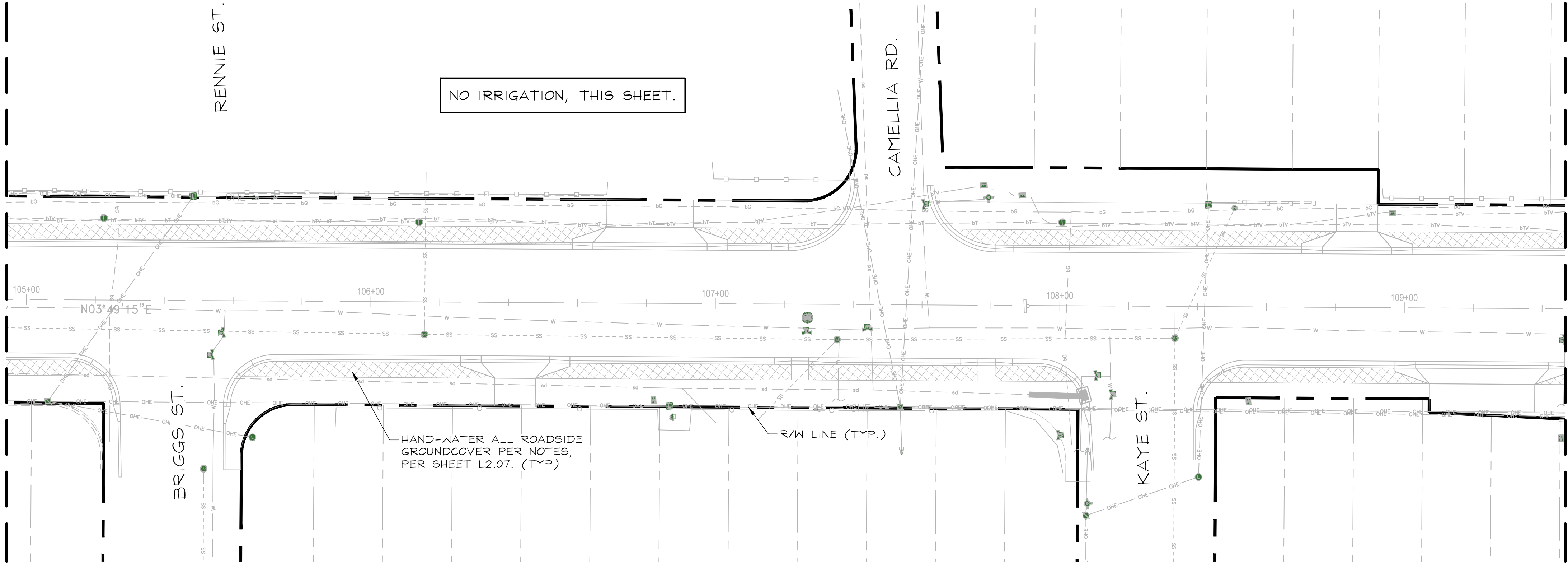
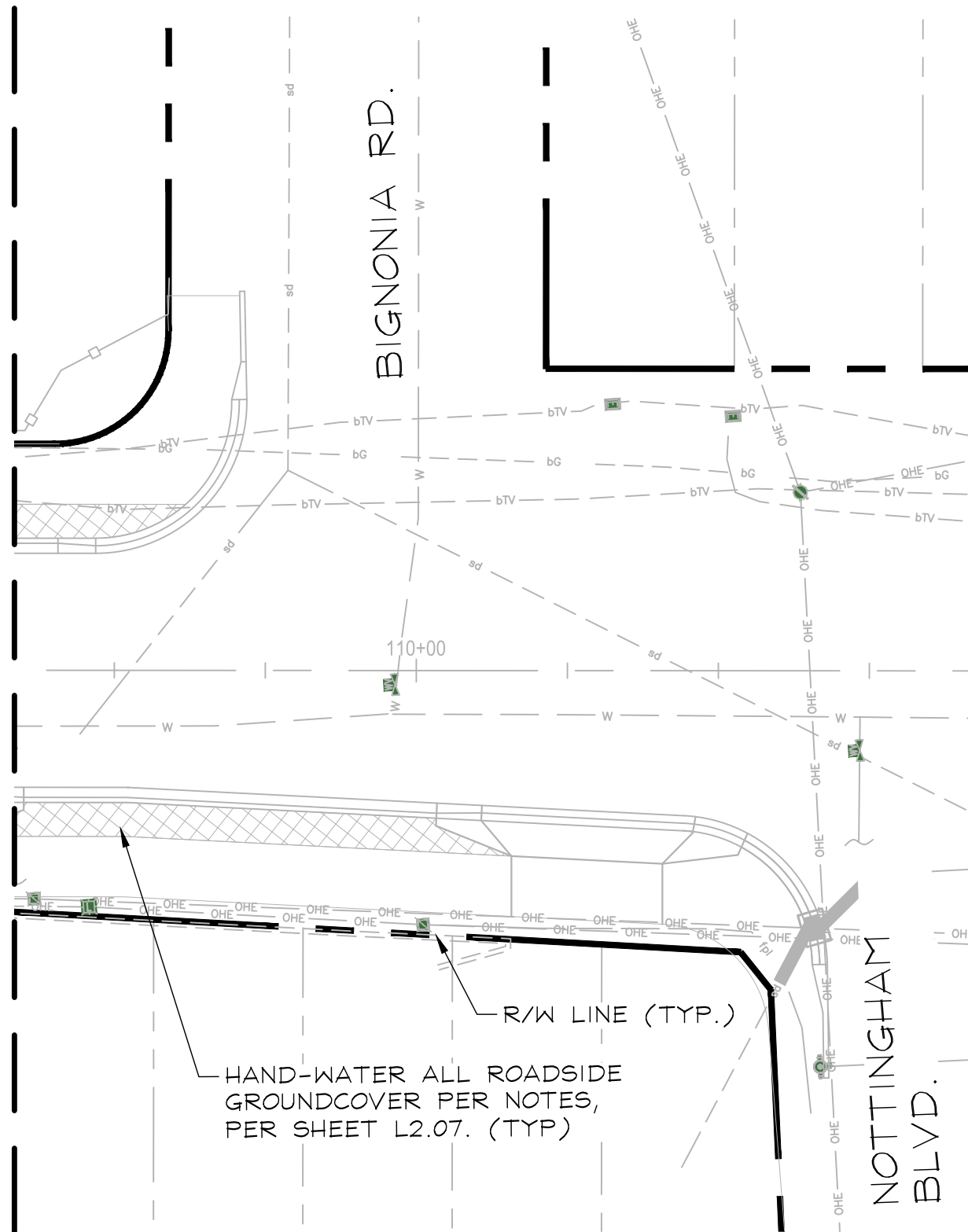
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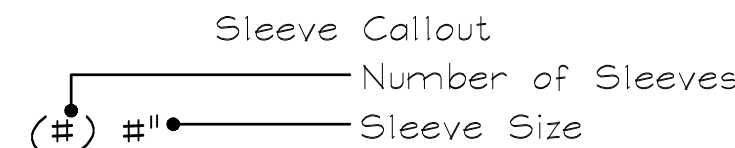
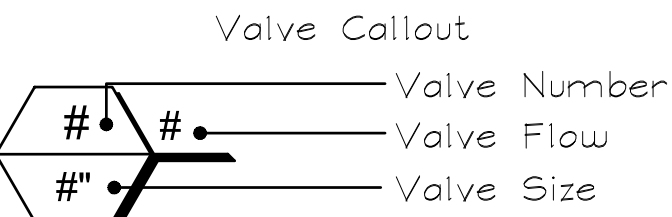
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#### LANDSCAPE WATERING AND FERTILIZING SPECIFICATIONS AND NOTES

- A. SCOPE OF WORK  
1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AND AS HEREIN SPECIFIED.  
2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS FROM THE DAY OF PLANTING UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER OR AT THE END OF THE ENTIRE PROJECT, WHICHEVER OCCURS FIRST.
- B. PROTECTION OF EXISTING STRUCTURES  
ALL EXISTING FENCING, SILT FENCE, GATES, SIGNS, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.
- C. PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE AND SPILLING OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED WHERE HEAT WILL DAMAGE ANY PLANT. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/ OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF ONE HUNDRED DOLLARS (\$100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.
- D. WATER  
1. 180 DAYS OF WATER MONITORING SHALL BE SCHEDULED FOR ALL PLANTINGS UNDER THIS CONTRACT.  
2. IF SITE EXPERIENCES DROUGHT OR IF RAINFALL DOES NOT ACCUMULATE 2" PER WEEK DURING THE MONITORING PERIOD, HAND WATERING WILL BE NECESSARY.  
3. WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN AN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER (MEETING THE ABOVE STANDARD) FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER. SUITABLE WATER MAY BE AVAILABLE IN THE ADJACENT CANAL - COORDINATE WITH OWNER FOR PERMISSIONS.  
4. WATERING PROJECT PLANTINGS MAY BE ACHIEVED BY WATER TRUCK OR BY TEMPORARY IRRIGATION SYSTEM, WHICH MUST BE REMOVED AT THE END OF THE MAINTENANCE PERIOD.  
5. CONTRACTOR SHALL SUPPLEMENT RAINFALL BY HAND-WATERING AND DOCUMENT WATERING EFFORTS THROUGH RAINFALL DATA AND MONITORING RECORDS.  
6. FOR BIDDING PURPOSES, FOLLOW THE SCHEDULE BELOW:  
  
DAY 1: WATER IN PLANTINGS PER SPECS.  
DAY 2-30: 1/2" OF WATER EACH DAY FOR MON, TUES, WED, THURS, SATURDAY  
DAY 31-90: 1/2" OF WATER EACH DAY FOR MON, WED, SATURDAY  
DAY 91-180: 1/2" OF WATER EACH DAY FOR WED, SAT
- E. PALM FERTILIZER  
TO ENSURE THAT PALMS WILL MAINTAIN THEIR FLORIDA #1 GRADE AT A MINIMUM THROUGHOUT THE INSTALLATION AND ESTABLISHMENT PERIODS, ALL PALMS SHALL BE FERTILIZED FOUR (4) TIMES. APPLY IMMEDIATELY FOLLOWING INSTALLATION AND JUST PRIOR TO THE 2ND, 3RD, AND 4TH QUARTERLY INSPECTIONS. UTILIZE A 'PALM SPECIAL' FERTILIZER WITH AN ANALYSIS OF 8-2-12-4 MG WITH 100% OF N, K, AND MG IN SLOW RELEASE ORGANIC FORM. MICRONUTRIENTS MD AND FE M, ISY BE IN WATER SOLUBLE (SULFATE OR CHELATED) FORM. APPLY AT 10LBS PER 1,000 SF, BROADCAST UNDER CANOPY AREA OF PALMS. ANY TURF OR PLANT MATERIAL WHICH REQUIRES FERTILIZATION AND IS WITHIN 50' OF A PALM IS TO UTILIZE THE SAME 'PALM SPECIAL' FERTILIZER.
- F. PLANT MATERIAL MAINTENANCE  
ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, TREATING FOR FUNGUS/INSECTS, FERTILIZING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.  
  
CONTRACTOR SHALL MAINTAIN PLANTINGS FOR A PERIOD OF 180 DAYS, INCLUDING WATERING AT THE MAXIMUM ALLOWABLE UNDER THEN-CURRENT WATERING CONDITIONS. CONTRACTOR TO SUBMIT WATERING SCHEDULE AT THE PRE-CONSTRUCTION MEETING TO ESTABLISH A BASELINE AND EXPECTATION FOR WATERING.
- G. PRE-EMERGENT HERBICIDE TO BE APPLIED TO ALL BEDS PRIOR TO INSTALLING ANY PLANT MATERIAL. SUBMIT PRODUCT DATA AND APPLICATION RATE FOR APPROVAL. CITY REPRESENTATIVE MUST BE PRESENT DURING APPLICATION.
- H. SELECTIVE POST-EMERGENT HERBICIDE IS TO BE APPLIED TO ALL BEDS AFTER TO INSTALLING ALL PLANT MATERIAL. SUBMIT PRODUCT DATA, APPLICATION SCHEDULE, AND APPLICATION RATE FOR APPROVAL. CITY REPRESENTATIVE MUST BE PRESENT DURING APPLICATION.

#### IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	Toro 570Z-12P 8 Series Shrub Spray, 12" Pop-Up, with a Zero Flush Seal. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	28	30
	Toro 570Z-12P Adj Series Shrub Spray, 12" Pop-Up, with a Zero Flush Seal. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	141	30
	Toro 570S-FB-PC Pressure-Compensating Flood Bubbler Nozzle on IPS flex hose per detail.	104	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	Irritrol 700 with OM-R-100 Electric Remote Control Valve, with Omni-Reg 5-100 psi regulator	7	
	Backflow Preventer 1-1/2" FEBCO 765-150 (OR EQUAL)	2	
	DIG Corporation LEIT 4004 4-STATION SOLAR CONTROLLER WITH LOCKING ENCLOSURE, MOUNTING POST, RAIN SENSOR, PER DETAILS	1	
	DIG Corporation LEIT 4006 6-STATION SOLAR CONTROLLER WITH LOCKING ENCLOSURE, MOUNTING POST, RAIN SENSOR, PER DETAILS	1	
	Hunter MINI-CLIK Rain Sensor, mount as noted	2	
	Water Meter 1-1/2" Water Meter	1	
	Water Meter 1-1/2" Water Meter	1	
	Irrigation Lateral Line: PVC Schedule 40	± 6,386 l.f.	
	Irrigation Mainline: PVC Schedule 40	± 769.5 l.f.	
	Pipe Sleeve: PVC Schedule 80	AS NEEDED	



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PARKER AVENUE  
STREETSCAPE  
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CITY OF WEST PALM BEACH

#### IRRIGATION PLAN

KHA PROJECT  
144391075  
DATE  
JUNE, 2023  
SCALE  
AS SHOWN  
DESIGNED BY  
JHT  
DRAWN BY  
DHT  
CHECKED BY  
JHT

LICENSED PROFESSIONAL  
JONATHAN D. HAIGH, PLA

FL LICENSE NUMBER  
LA # 6666795

DATE  
06/08/2023

**Kimley»Horn**

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DATE

BY











