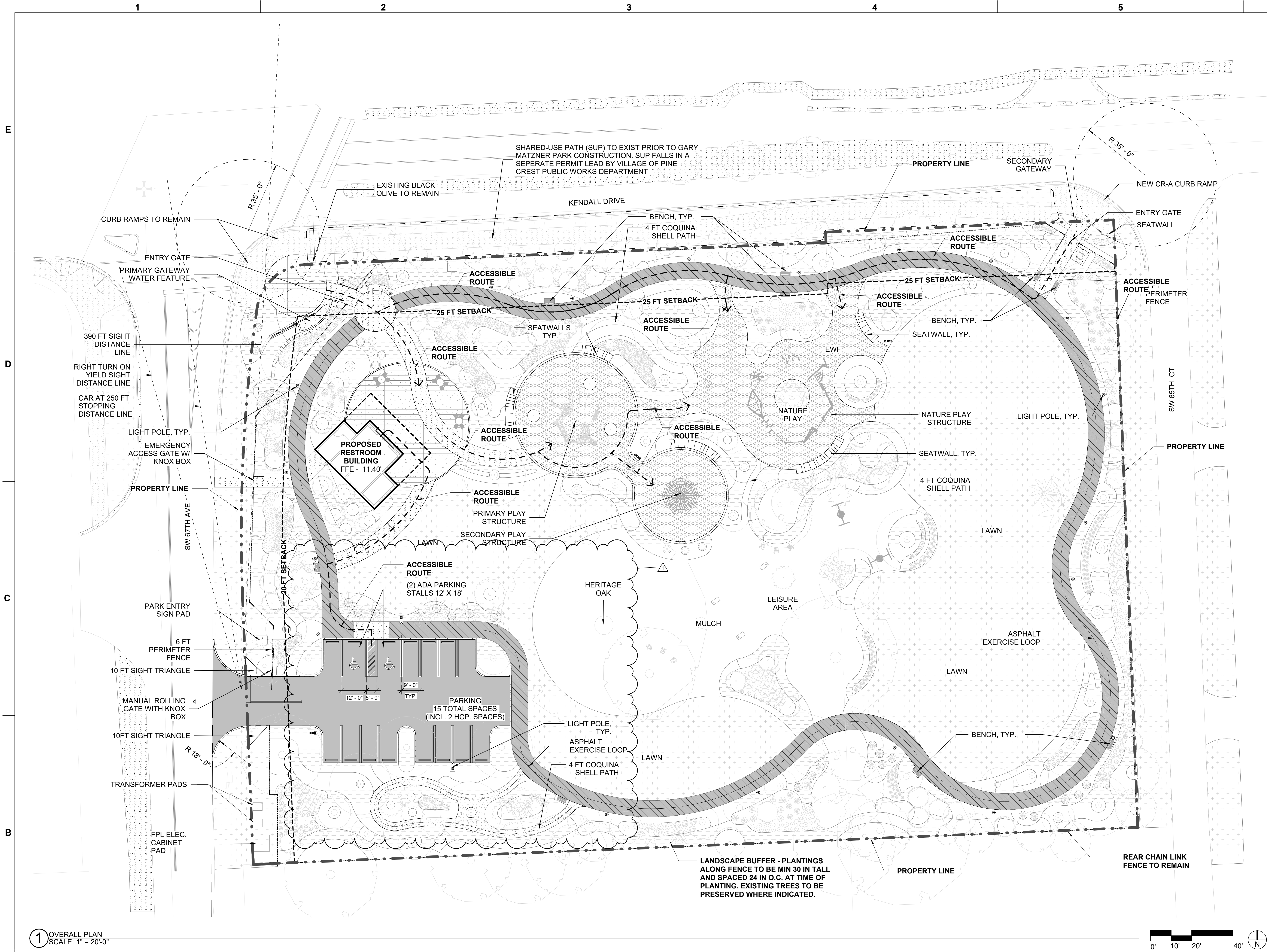




1 OVERALL PLAN
SCALE: 1" = 20'-0"

LEGEND
- - - - - PROPERTY/ ROW LINE
- - - - - UTILITY SETBACK LINE

PROJECT LEAD
& CIVIL ENGINEERING:

KEITH
301 EAST ATLANTIC BLVD.
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5301 WATERFORD DISTRICT DR.
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SGMENGINEERING.COM CA-00006208

REVISIONS		
NO.	DESCRIPTION	DATE
	ISSUED FOR BUILDING PERMIT	11/21/24
	REVISED FOR BUILDING PERMIT	01/10/25
1	BLDG PERMIT REV. 1	04/28/25

ISSUE DATE: 11/21/2024
DESIGNED BY: MATTHEW MANDA, PLA
DRAWN BY: HALEY WOLFE, PLA
CHECKED BY: JONATHAN PETRUSHKA, PLA



CLIENT
**VILLAGE OF
PINECREST**
PINECREST PARKS & RECREATION

PROJECT
**GARY MATZNER
PARK**

SHEET TITLE
**OVERALL SITE
PLAN**

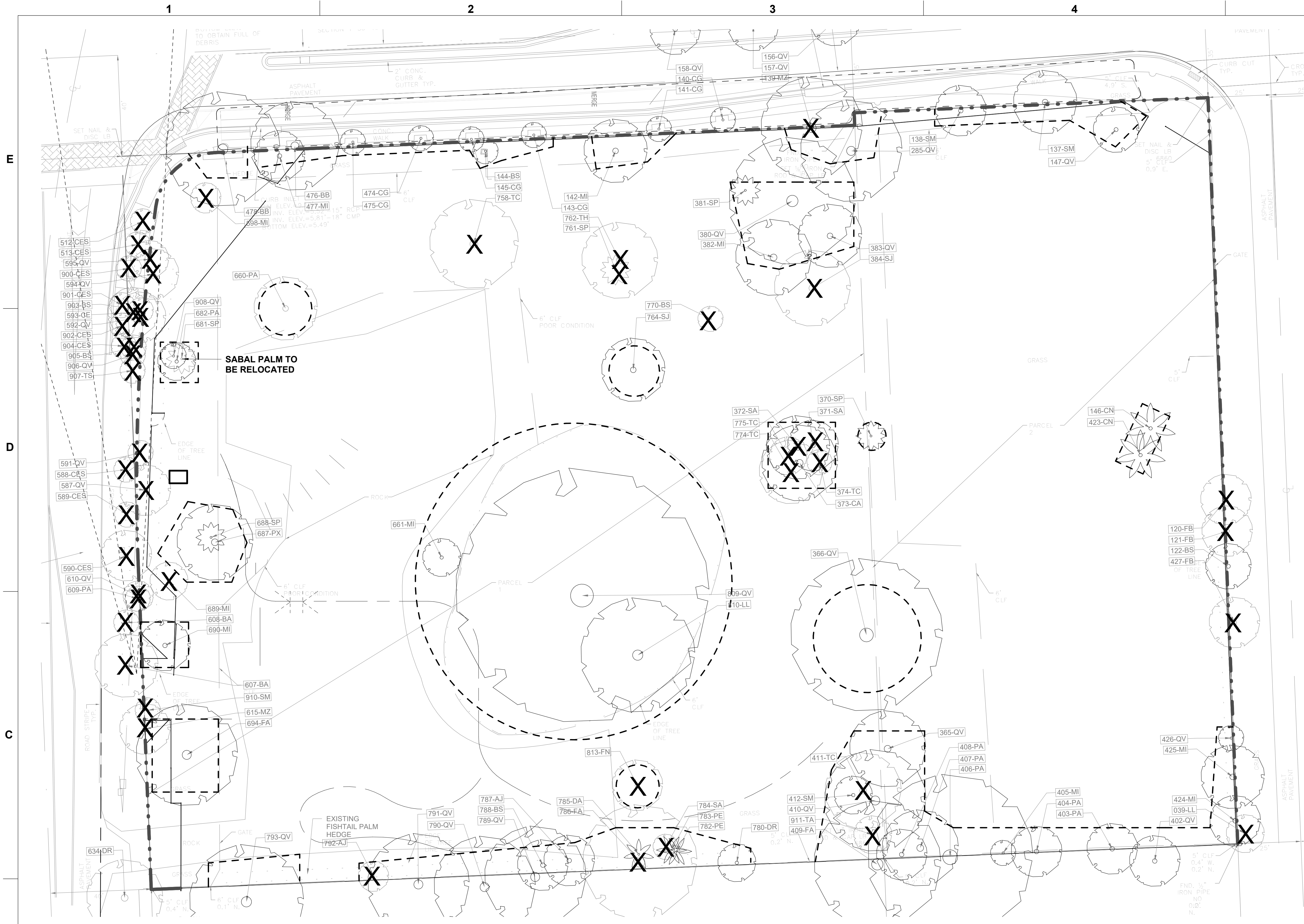
SHEET
NUMBER
SP-101

KEITH PROJECT
NUMBER
13861.00

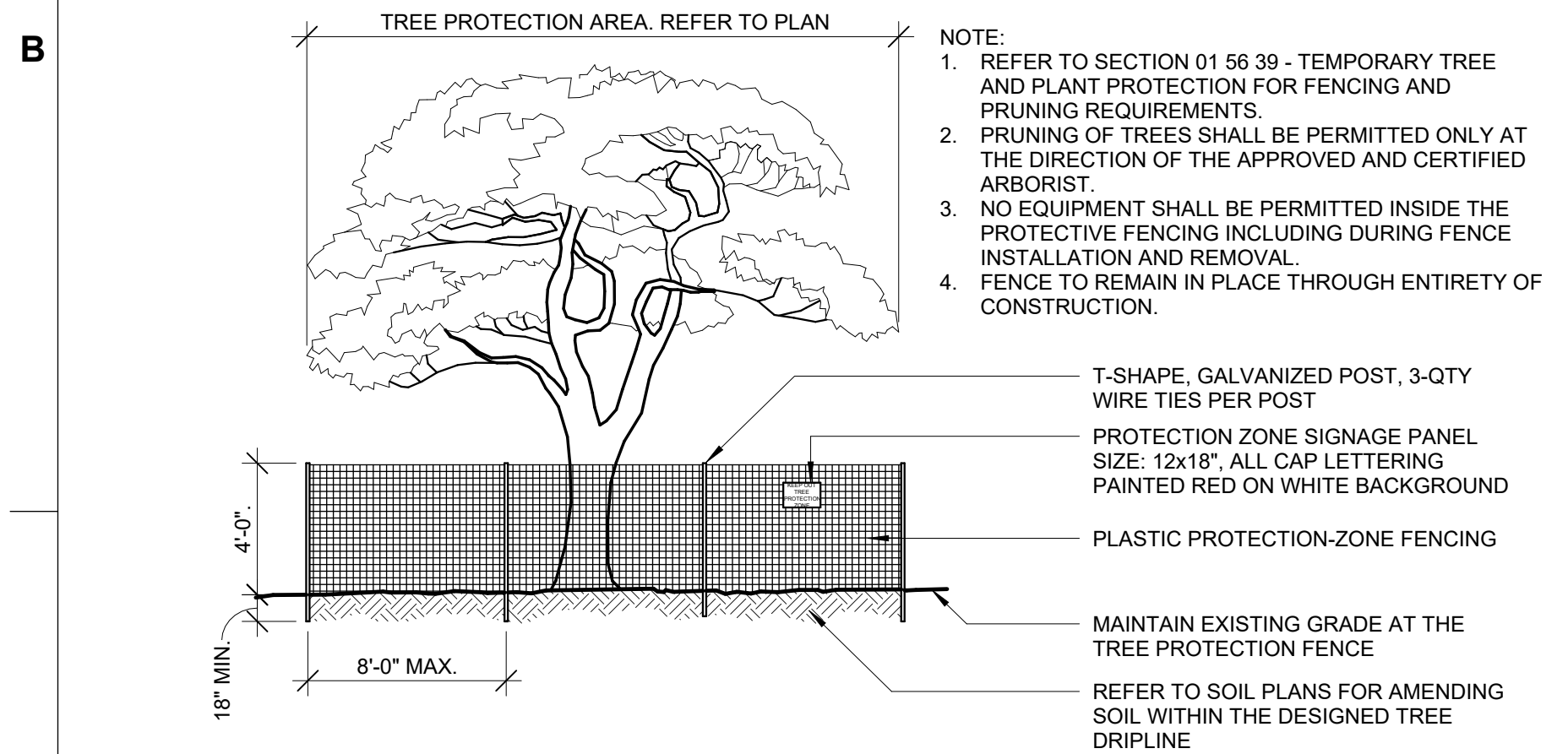
IMPERVIOUS COVERAGE TAKEOFF		
56.56%	2.89 AC	AREA IMPERVIOUS COVERAGE
43.44%	2.22 AC	AREA PERVIOUS COVERAGE
100%	5.11 AC	TOTAL SITE AREA

Drawing name: S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM, CAD, GIS\BIM\CAD Layout\SP-TTL.BK last.dwg

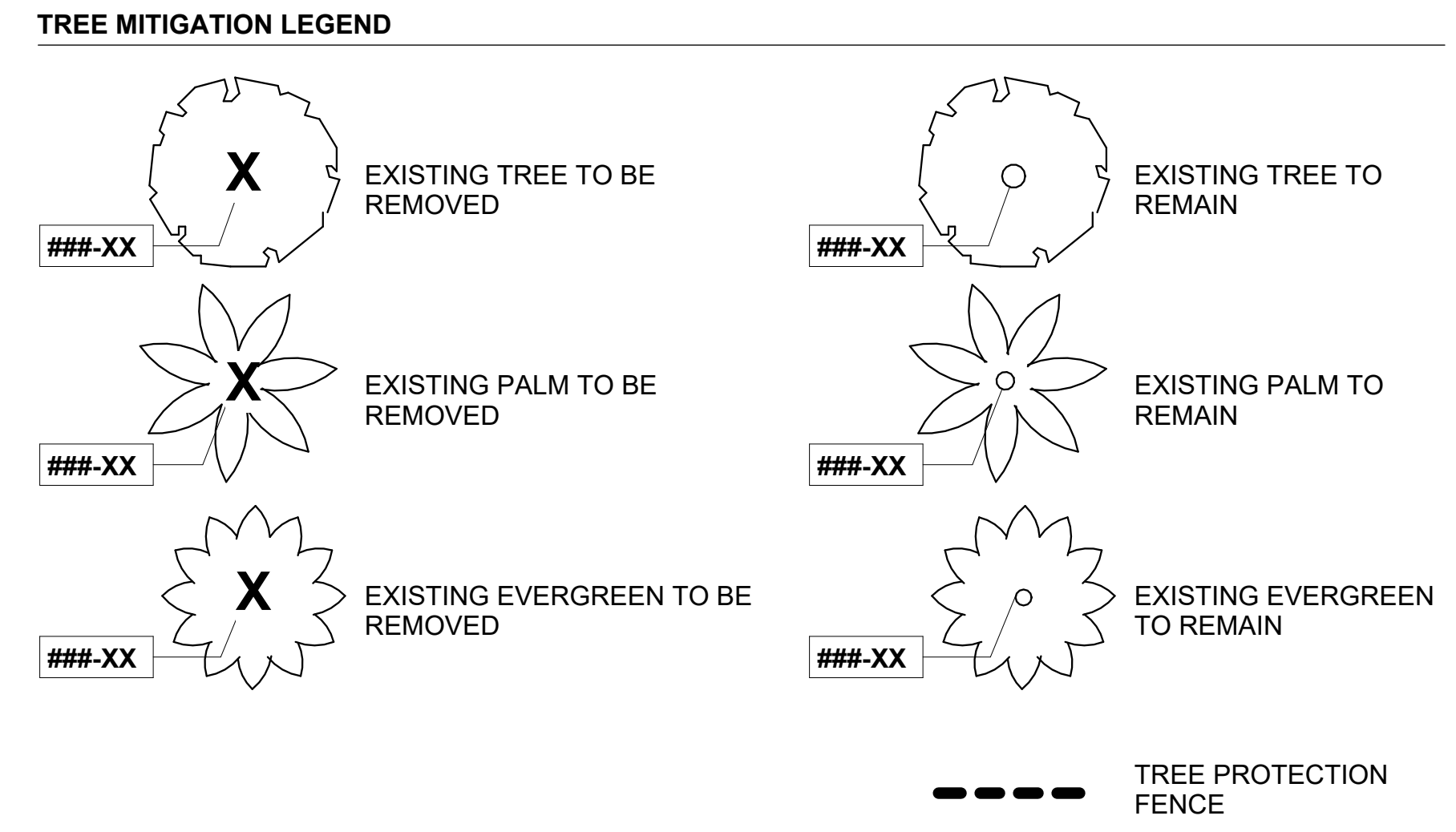
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1 TREE MITIGATION PLAN
SCALE: 1" = 20'-0"



2 TREE PROTECTION ZONE - 4FT. HT.
SCALE: N.T.S.



TREE MITIGATION AND PRESERVATION NOTES

1. ALL TREE REMOVAL TO BE DONE IN ACCORDANCE WITH THE VILLAGE OF PINECREST CODES AND GUIDELINES. CONTRACTOR TO OBTAIN PROPER PERMITS FROM THE VILLAGE PRIOR TO REMOVAL OF VEGETATION.

2. ALL SITE CLEARING TO BE DONE IN ACCORDANCE WITH THE FLORIDA BAT EXCLUSION GUIDELINES. CONTACT THE FLORIDA DIVISION OF WILDLIFE AND U.S. FISH AND WILDLIFE SERVICE (FL-FIELD OFFICE) FOR GUIDANCE ON BAT SURVEYS AND TREE CLEARING PRIOR TO WORKING ON SITE.

3. CONTRACTOR TO PROVIDE SCHEDULE FOR TREE CLEARING AND REMOVAL TO THE VILLAGE OF PINECREST.

TREE MITIGATION CHART LEGEND									
908 LIVE OAK	<i>Quercus virginiana</i>	5	30	10	65%	PRESERVED	INDICATES PRESERVED TREE	INDICATES REMOVED TREE REQUIRING REPLACEMENT	INDICATES REMOVED TREE NOT REQUIRING REPLACEMENT
910 MAHOGANY	<i>Swietenia mahagoni</i>	3	22	7	70%	REMOVED			
911 TROPICAL ALMOND	<i>Terminalia catappa</i>	11.14	40	20	60%	REMOVED			

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ISSUE DATE: 11/21/2024

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DRAWN BY: HALEY WOLFE, PLA

CHECKED BY: JONATHAN PETRUSHKA, PLA

CLIENT

VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT

GARY MATZNER PARK

SHEET TITLE

TREE DISPOSITION PLAN

SHEET NUMBER

LD-101

KEITH PROJECT NUMBER

13861.00

Drawing name: S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM, CAD, GIS\BIM\CAD Layout\XS-GMP-TL1.BK Last.dwg

STATUS:

E

D

C

B

A

1

2

3

4

5

6

HARDSCAPE SCHEDULE

ITEM CODE	DESCRIPTION	COLOR/ FINISH	MANUFACTURER	REMARKS
A1	ASPHALT_PEDESTRIAN	BRONZE	ASPHALT COLOR	-CONTRACTOR TO SUBMIT PRODUCT DATA AND COLOR SAMPLE FOR APPROVAL. -PROVIDE 8X8 MOCK UP FOR REVIEW AND APPROVAL.
A2	ASPHALT_VEHICULAR	SEE CIVIL DWGS.	SEE CIVIL DWGS	SEE CIVIL DWGS.
AG1	AGGREGATE_COQUINA	-	ROCK SOLID	- 3 IN DEPTH MIN - COMPACTED AGGREGATE BASE
M1	MULCH - PINE NEEDLE	-	LOCALLY SOURCED	3 IN DEPTH MIN.
SS1	SYNTHETIC SURFACE - TURF	50MM POWERBASE/PLAY50	SYN LAWN	- INSTALL PER MANUFACTURER'S RECOMMENDATION.
CP1	CONCRETE_PEDESTRIAN_PAVING	-BUFF WASH -SAW CUT JOINTS	-	-
CP2	CONCRETE_HEAVY_DUTY_PAVING	-LIGHT BROOM FINISH -SAW CUT JOINTS	-	-
CP3	CONCRETE_TOP_SEEDED	- ROCK SALT FINISH -SAW CUT JOINTS	-	-CONTRACTOR TO SUBMIT PRODUCT DATA AND COLOR SAMPLE FOR APPROVAL. -PROVIDE 8X8 MOCK UP FOR REVIEW AND APPROVAL.
P1	PAVERS_OOLITE	HEMINGWAY FLAGSTONE	EPIC STONEWORKS	-12"x24"x3" 1/8" JOINT WIDTH, +/- 1/16" TOLERANCE - STACKED COURSE - SAW CUT

SITE FURNISHINGS SCHEDULE

ITEM CODE	DESCRIPTION	MODEL	COLOR/ FINISH	MANUFACTURER	QTY
SF1	Table & Chairs	Exposition Tables & Chairs	Sage	Anova	3
SF2	Bench	Beacon Hill Bench	Sage	Anova	9
SF3	Primary Play Structure	Warlock's Escape	Natural light wood finish	Kompan	1
SF4	Large Nature Play Structure	Parkour 5	Natural light wood finish	Kompan	1
SF5	Secondary Nature Play Structure	Tree Climber	Natural light wood finish	Kompan	1
SF6	Nature Play Element	Waterlilies Balance Posts	Natural light wood finish	Kompan	2
SF7	Nature Play Element 2	Stilts	Natural light wood finish	Kompan	1
SF8	Swingset	Birds Nest Swing	Natural light wood finish	Kompan	2
SF9	Adirondack Chair	Adirondack Chair (Flat)	Sunset	Loll	6
SF10	Cornhole board	BYOB5532	SB2 Tan Mesa Buff	Outdoor Concrete Games	4
SF11	Spinner Bowl	Spinner Bowl	Natural light wood finish	Kompan	2
SF12	Bike Rack	Tandem	Bronze	Anova	4

FENCES AND GATES SCHEDULE

ITEM CODE	Description	Manufacturer	COLOR/ FINISH
F1	Perimeter Fence	Ameristar Fence Products	Black
F2	Single 8 ft Pedestrian Swing Gate	Ameristar Fence Products	Black
F3	Vehicular Roll Gate	Ameristar Fence Products	Black
F4	Single 4 ft Pedestrian Swing Gate	Ameristar Fence Products	Black

PROJECT LEAD & CIVIL ENGINEERING:



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Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC26000457

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DRAWN BY:	HALEY WOLFE, FLA
CHECKED BY:	JONATHAN PETRUSHKA, FLA



Digitally signed by Matthew W Manda
Date: 2025.08.19 08:50:39 -04'00



CLIENT
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PINECREST PARKS & RECREATION

PROJECT

**GARY MATZNER
PARK**

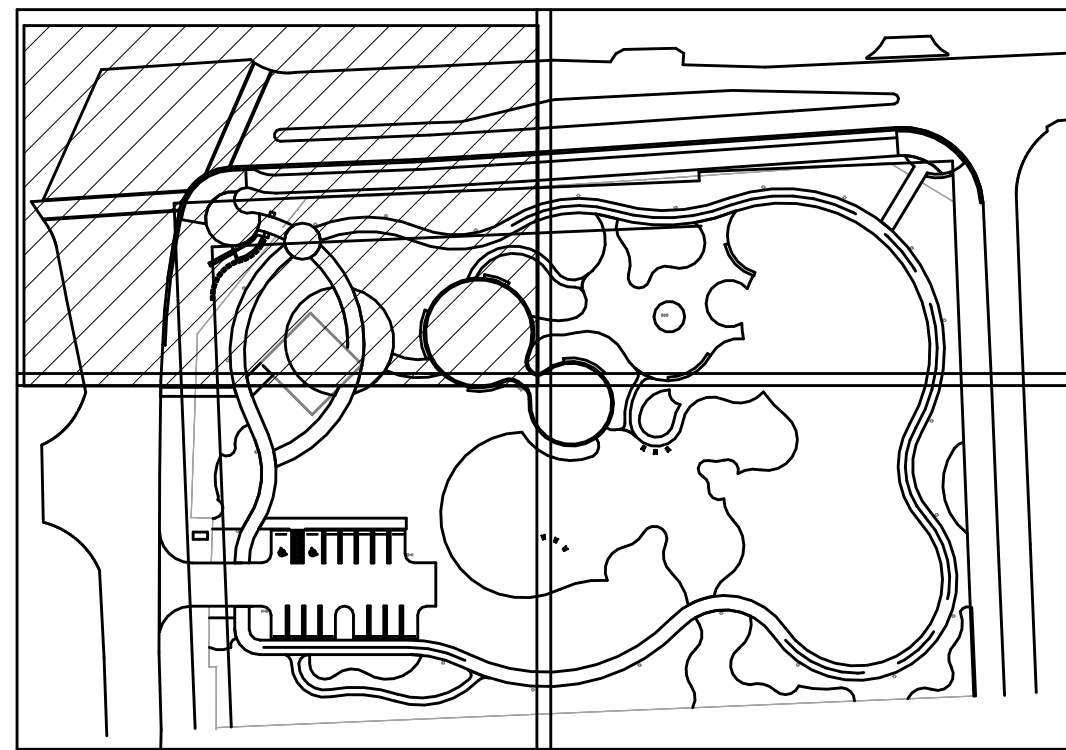
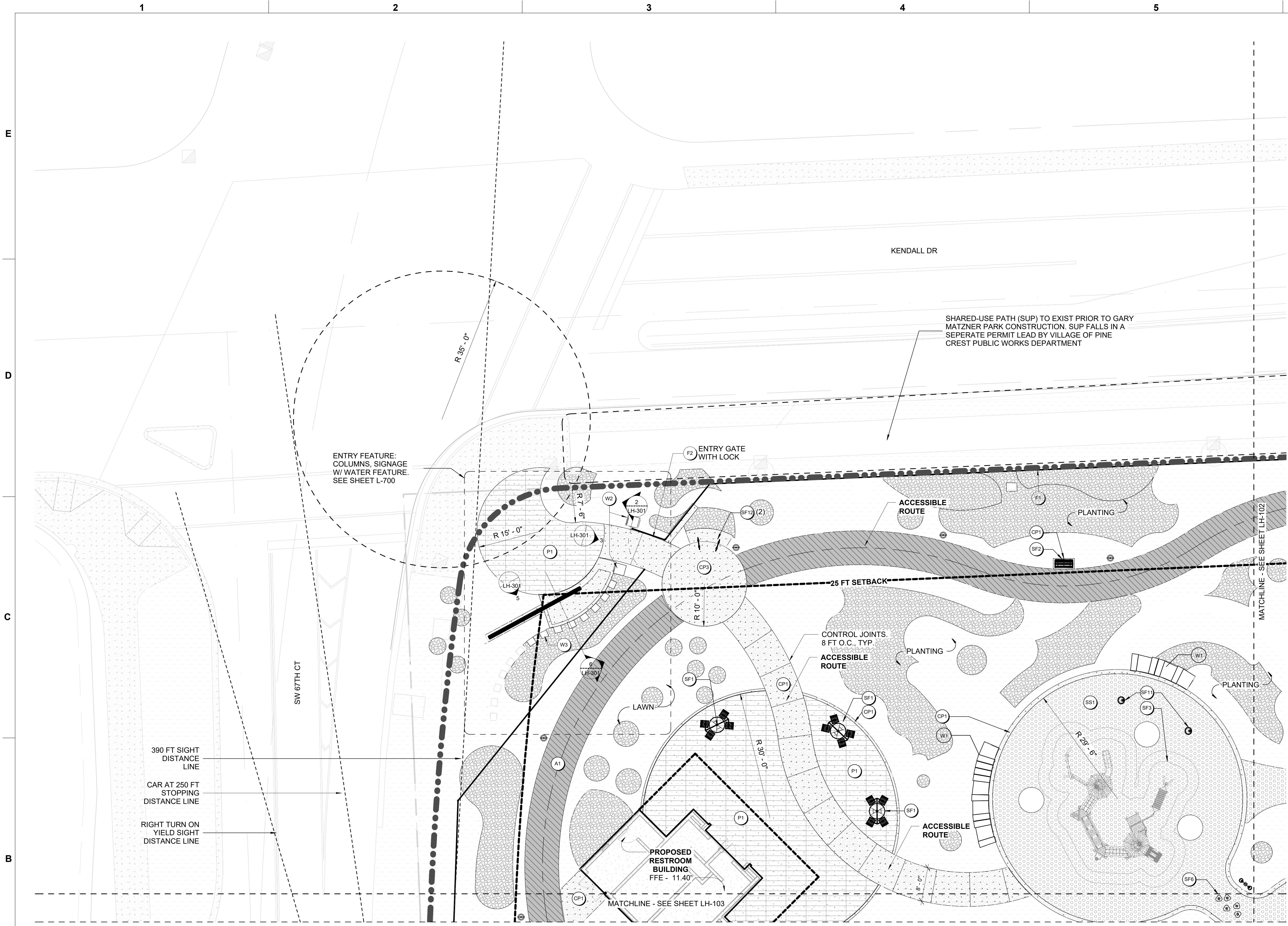
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**MATERIALS
SCHEDULE**

SHEET
NUMBER
LH-100

KEITH PROJECT
NUMBER
13861.00

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KEY PLAN

PROJECT LEAD & CIVIL ENGINEERING:

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CLIENT

**VILLAGE OF
PINECREST**
PINECREST PARKS & RECREATION

PROJECT

**GARY MATZNER
PARK**

SHEET TITLE

**MATERIALS
PLAN**

**SHEET
NUMBER**

LH-101

**KEITH PROJECT
NUMBER**

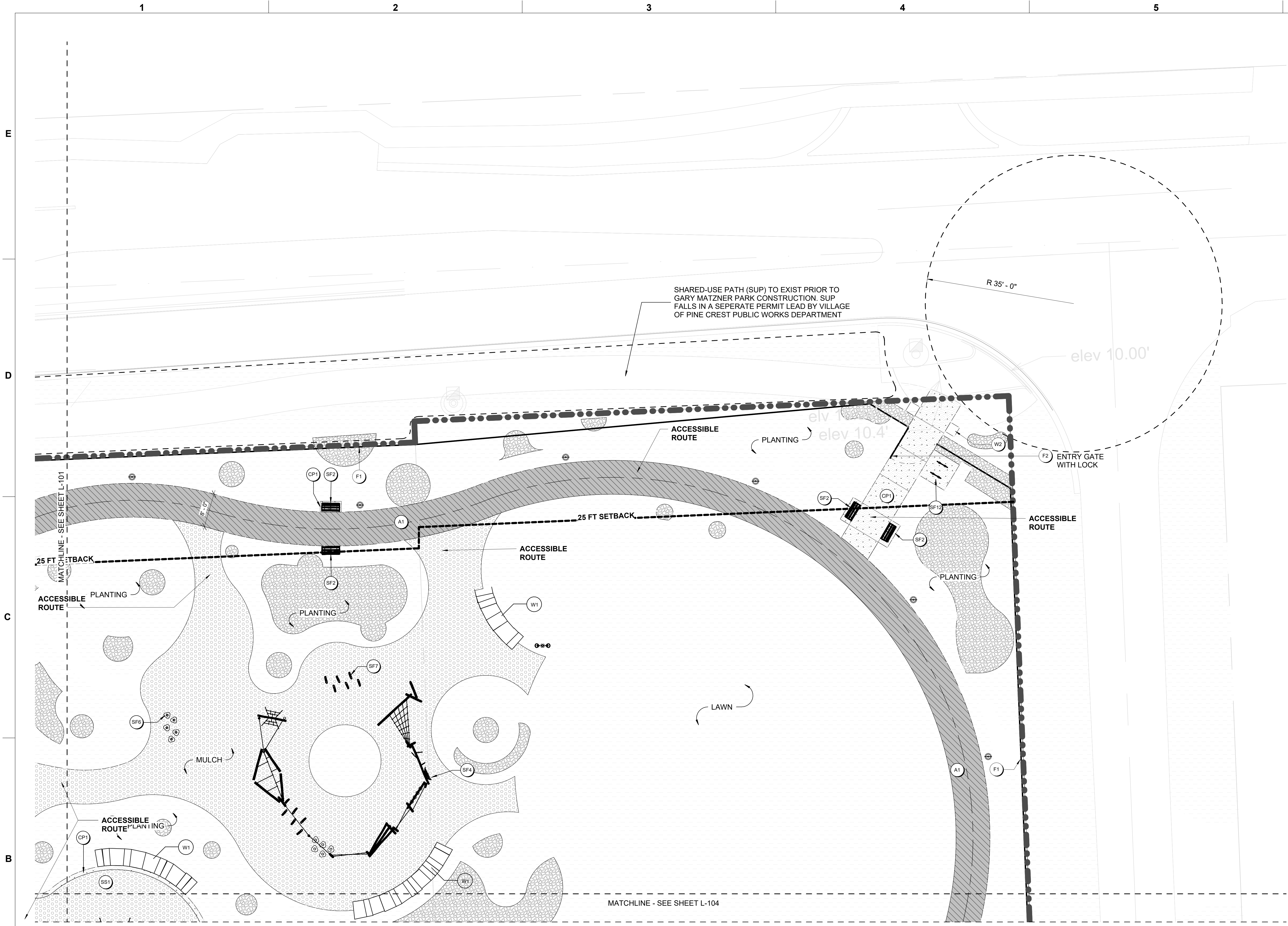
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Drawing name: S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM, CAD, GIS\BIM\CAD\Linna\XS-GMP-TTL.BK_Last.dwg

STATUS:

1 MATERIALS PLAN - AREA 1
SCALE: 1" = 10'-0"

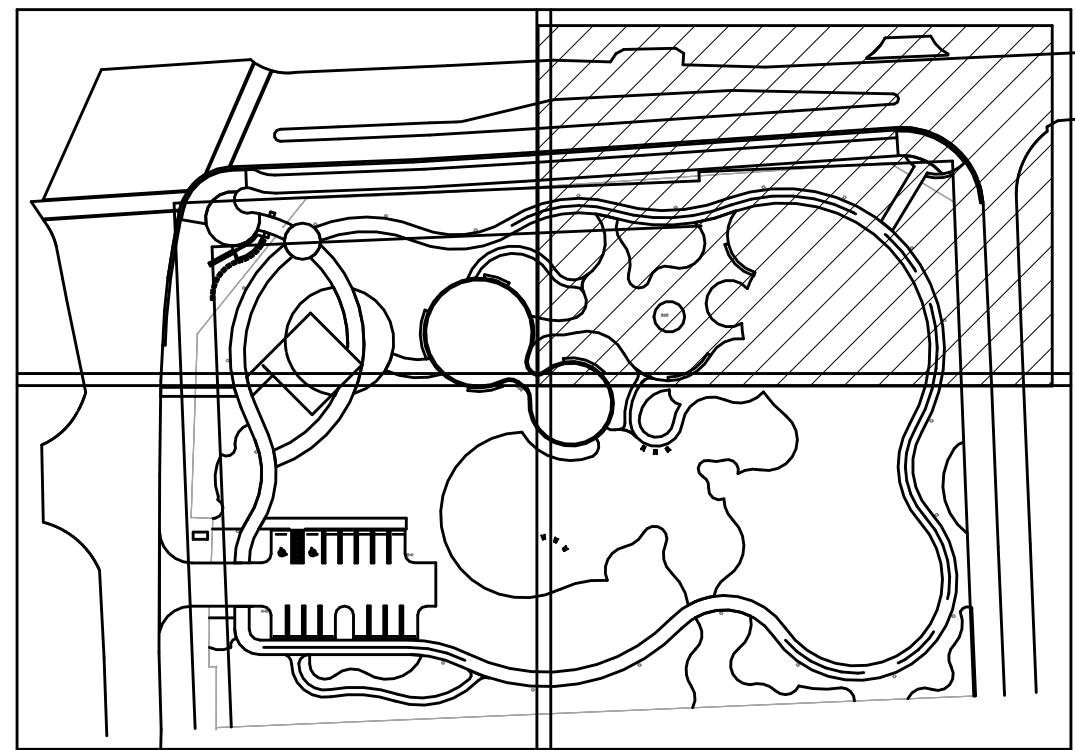
HARDSCAPE GRAPHIC LEGEND					
	ASPHALT PEDESTRIAN		HEAVY DUTY CONCRETE		VILLAGE OF PINECREST STANDARD 6 FT ALUMINUM FENCE
	ASPHALT VEHICULAR (SEE CIVIL DWGS)		CONCRETE PAVERS		VILLAGE OF PINECREST STANDARD BENCH
	STABILIZED COQUINA AGGREGATE		SYNTHETIC PLAY SURFACE - TURF FINISH		PRIMARY PLAY STRUCTURE
	CONCRETE PATHWAYS		LANDSCAPE AREA		LARGE NATURE PLAY STRUCTURE
	ROCK SALT FINISH CONCRETE		MULCH		SECONDARY NATURE PLAY STRUCTURE
					NATURE PLAY ELEMENT 1
					NATURE PLAY ELEMENT 2
					SWINGSET
					ADIRONDACK CHAIR
					CORNHOLE BOARD
					SPINNER BOWL
					BIKE RACK
					OOLITE SEATWALL 5 / LH-302
					ENTRY COLUMN 2 / LH-301
					WATER FEATURE COLUMN 4 / LH-301



1 MATERIALS PLAN - AREA 2
SCALE: 1" = 10'-0"

HARDSCAPE GRAPHIC LEGEND

	ASPHALT PEDESTRIAN		HEAVY DUTY CONCRETE		VILLAGE OF PINECREST STANDARD 6 FT ALUMINUM FENCE		NATURE PLAY ELEMENT 2		OOLITE SEATWALL 5 / LH-302
	ASPHALT VEHICULAR (SEE CIVIL DWGS)		CONCRETE PAVERS		VILLAGE OF PINECREST STANDARD BENCH		SWINGSET		ENTRY COLUMN 2 / LH-301
	STABILIZED COQUINA AGGREGATE		SYNTHETIC PLAY SURFACE - TURF FINISH		PRIMARY PLAY STRUCTURE		ADIRONDACK CHAIR		WATER FEATURE COLUMN 4 / LH-301
	CONCRETE PATHWAYS		LANDSCAPE AREA		LARGE NATURE PLAY STRUCTURE		CORNHOLE BOARD		
	ROCK SALT FINISH CONCRETE		MULCH		SECONDARY NATURE PLAY STRUCTURE		SPINNER BOWL		
					NATURE PLAY ELEMENT 1		BIKE RACK		



KEY PLAN

PROJECT LEAD & CIVIL ENGINEERING:

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Florida Landscape Architecture Business License: LC28090457

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	BLOG PERMIT REV. 1	04/28/25

ISSUE DATE: 11/21/2024
DESIGNED BY: MATTHEW MANDA, PLA
DRAWN BY: HALEY WOLFE, PLA
CHECKED BY: JONATHAN PETRUSHKA, PLA



Digitally signed by Matthew W. Manda
Date: 2025.08.19 08:55:09 -0400

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

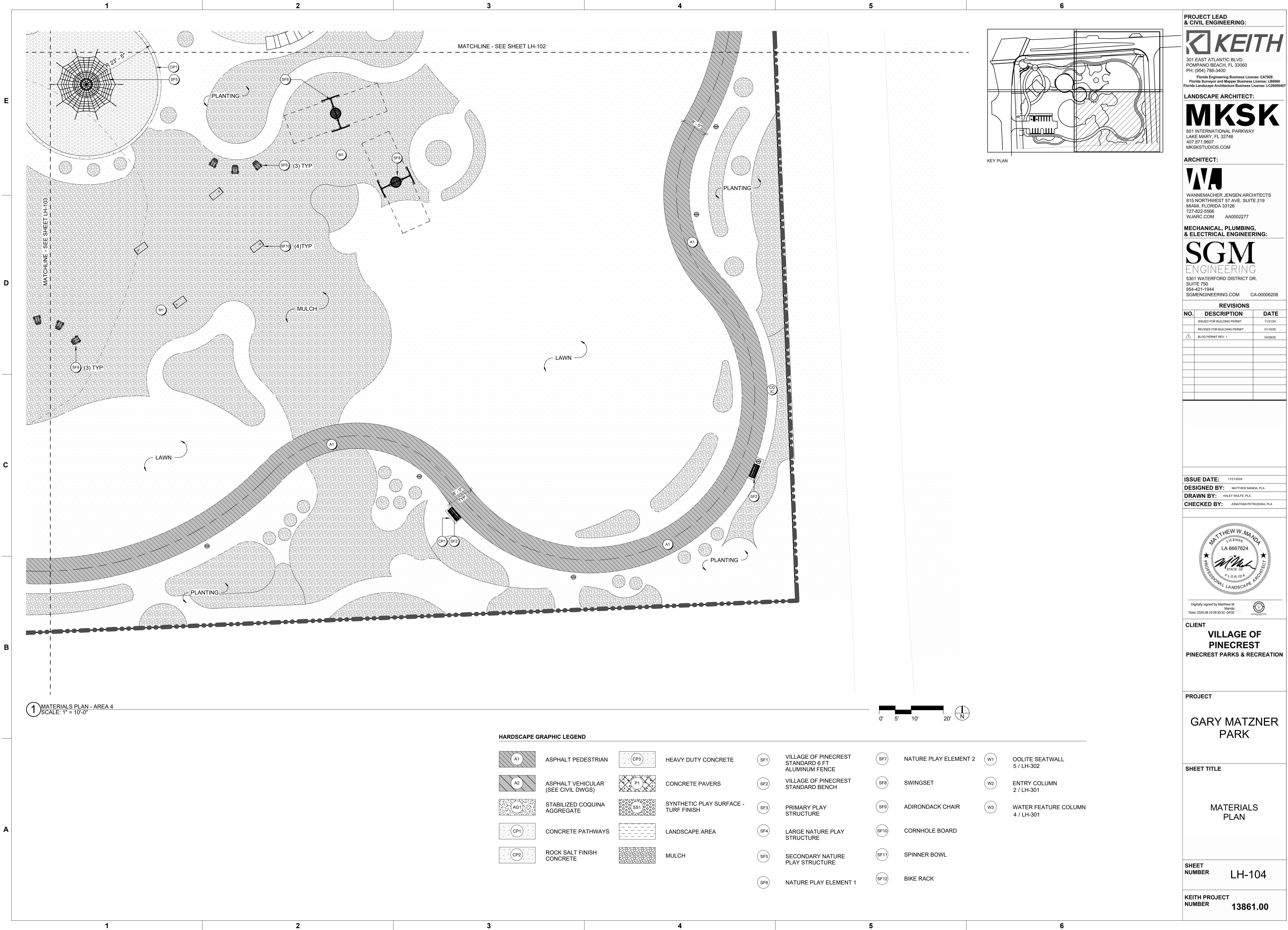
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MATERIALS PLAN

SHEET NUMBER
LH-102

KEITH PROJECT NUMBER
13861.00

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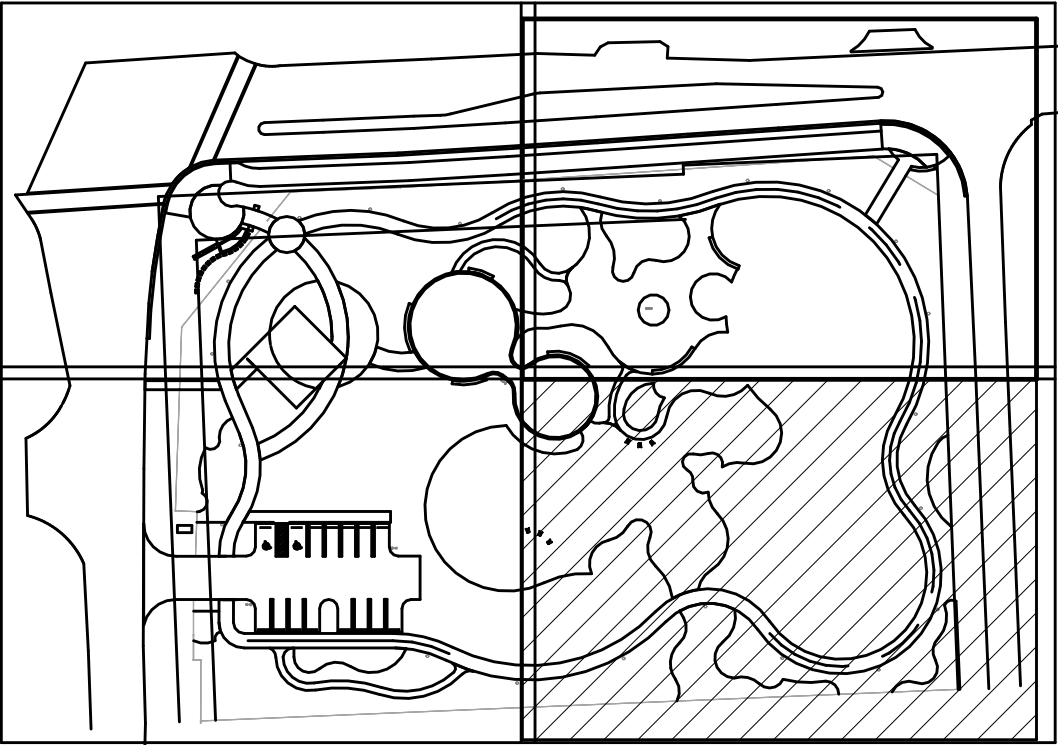
STATUS:



1 MATERIALS PLAN - AREA 4
SCALE: 1" = 10'-0"

HARDSCAPE GRAPHIC LEGEND

	ASPHALT PEDESTRIAN		HEAVY DUTY CONCRETE		VILLAGE OF PINECREST STANDARD 6 FT ALUMINUM FENCE		NATURE PLAY ELEMENT 2		OOLITE SEATWALL 5 / LH-302
	ASPHALT VEHICULAR (SEE CIVIL DWGS)		CONCRETE PAVERS		VILLAGE OF PINECREST STANDARD BENCH		SWINGSET		ENTRY COLUMN 2 / LH-301
	STABILIZED COQUINA AGGREGATE		SYNTHETIC PLAY SURFACE - TURF FINISH		PRIMARY PLAY STRUCTURE		ADIRONDACK CHAIR		WATER FEATURE COLUMN 4 / LH-301
	CONCRETE PATHWAYS		LANDSCAPE AREA		LARGE NATURE PLAY STRUCTURE		CORNHOLE BOARD		
	ROCK SALT FINISH CONCRETE		MULCH		SECONDARY NATURE PLAY STRUCTURE		SPINNER BOWL		
					NATURE PLAY ELEMENT 1		BIKE RACK		



KEY PLAN

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Digitally signed by Matthew W. Manda
Date: 2025.08.19 09:39:32 -0400

CLIENT
VILLAGE OF PINECREST
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PROJECT
GARY MATZNER PARK

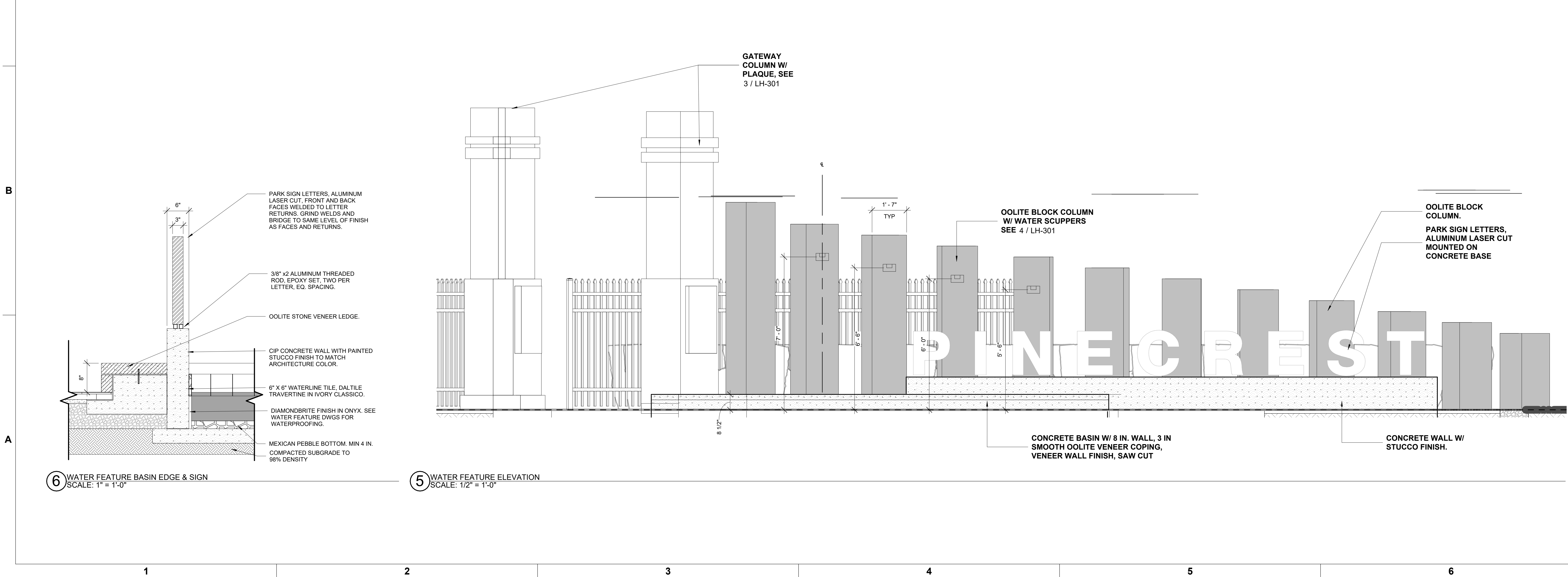
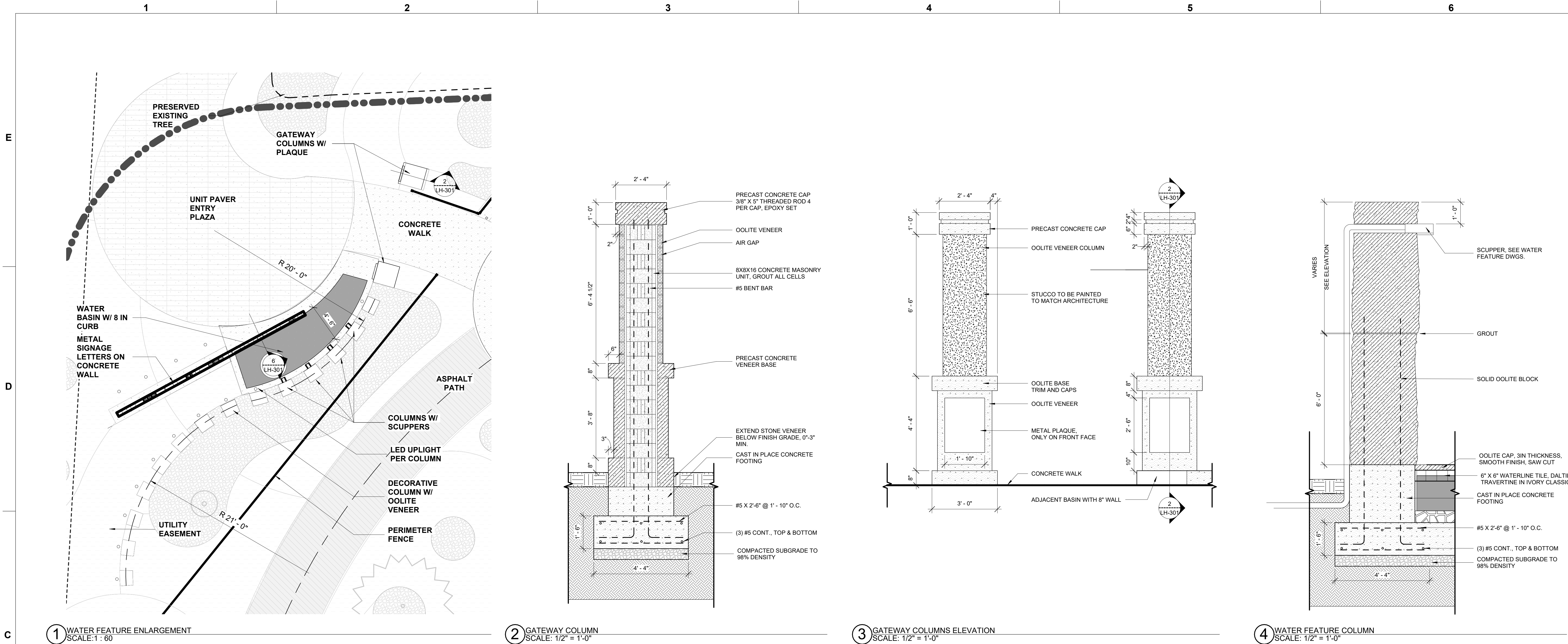
SHEET TITLE
MATERIALS PLAN

SHEET NUMBER
LH-104

KEITH PROJECT NUMBER
13861.00

Drawing name: S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD_Links\XS-Grip-TTL.BK_last.dwg

STATUS:



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VILLAGE OF PINECREST
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GARY MATZNER PARK

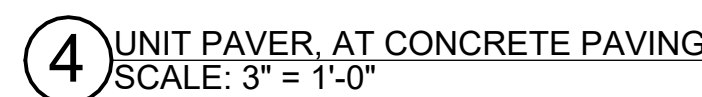
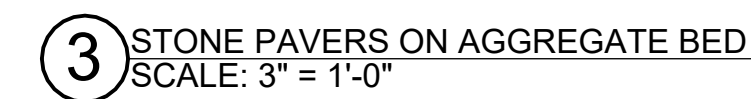
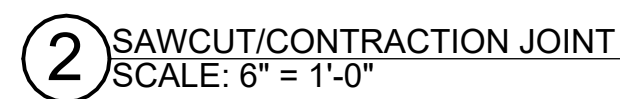
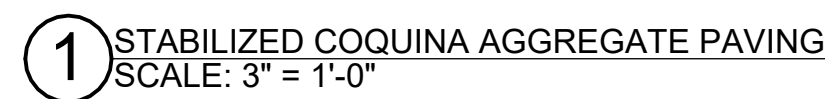
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SITE DETAILS

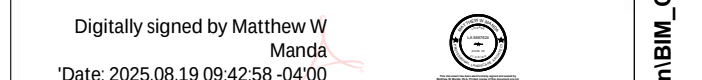
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KEITH PROJECT NUMBER 13861.00

STATUS:



ISSUE DATE:	11/21/2024
DESIGNED BY:	MATTHEW MANDA, PLA
DRAWN BY:	HALEY WOLFE, PLA
CHECKED BY:	JONATHAN PETRUSHKA, PLA



CLIENT
VILLAGE OF
PINECREST
PINECREST PARKS & RECREATION

PROJECT	
---------	--

GARY MATZNER
PARK

SHEET TITLE

SITE DETAILS

SHEET
NUMBER

LH-302

KEITH PROJECT NUMBER	13861.00
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Drawing name:S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTL\BK_test.dwg

STATUS:

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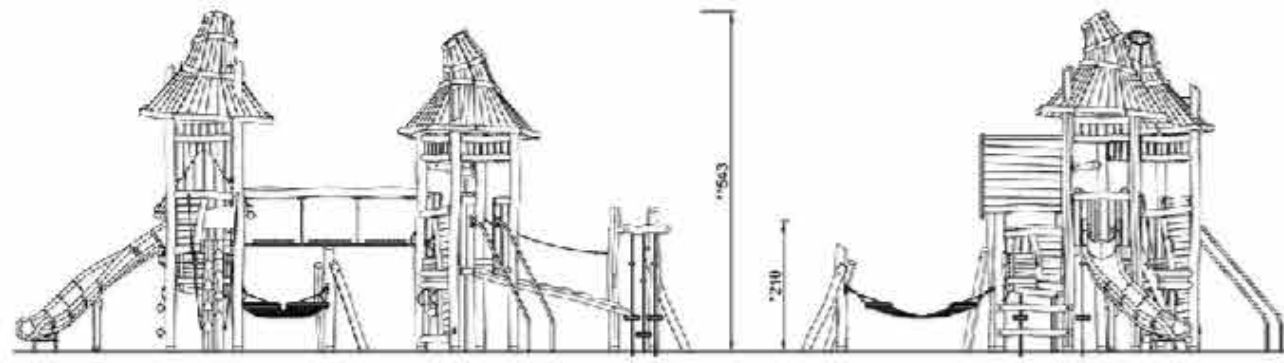
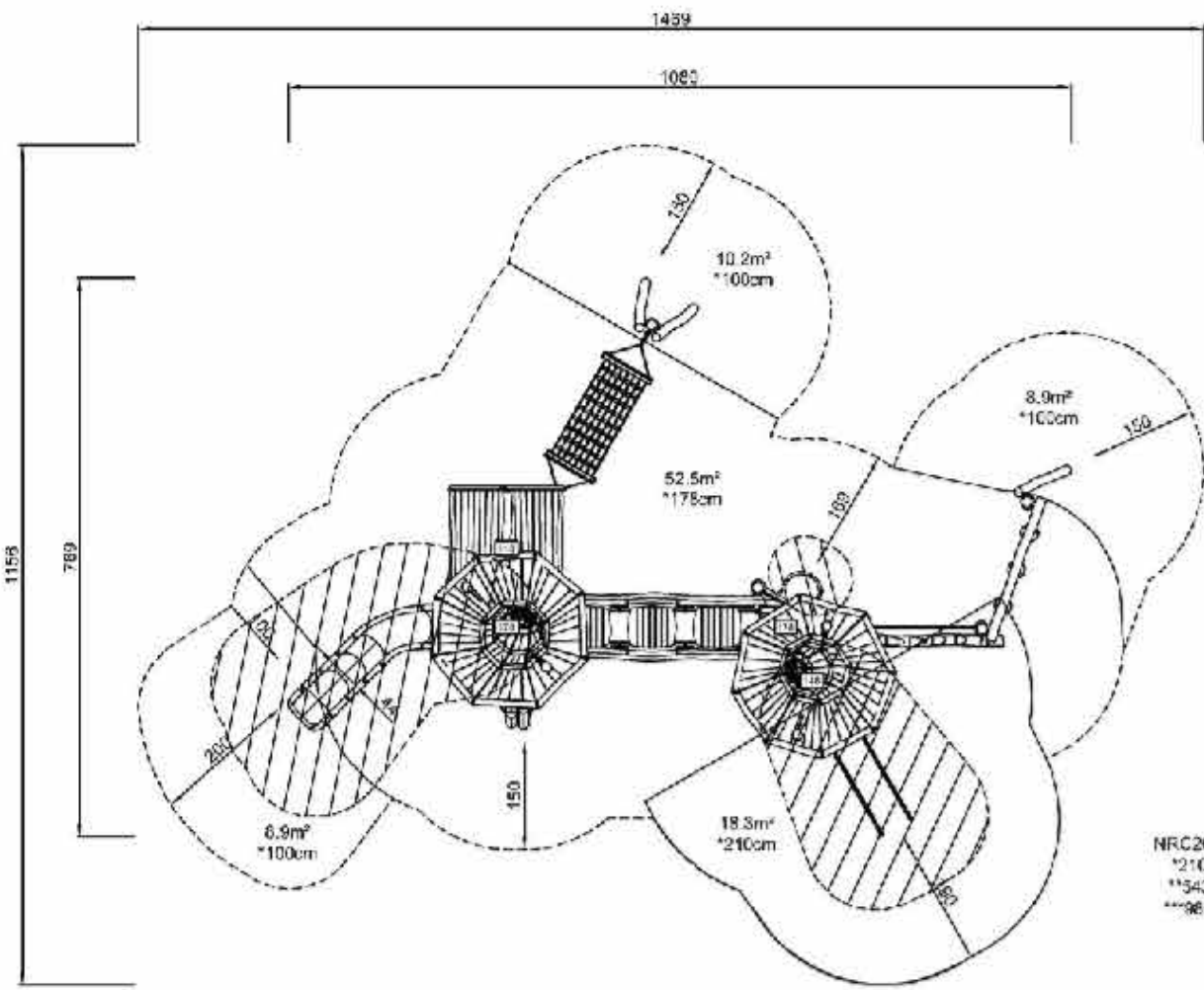
Warlock's Escape

NRC200301



* Max fall height | ** Total height | *** Safety surfacing area

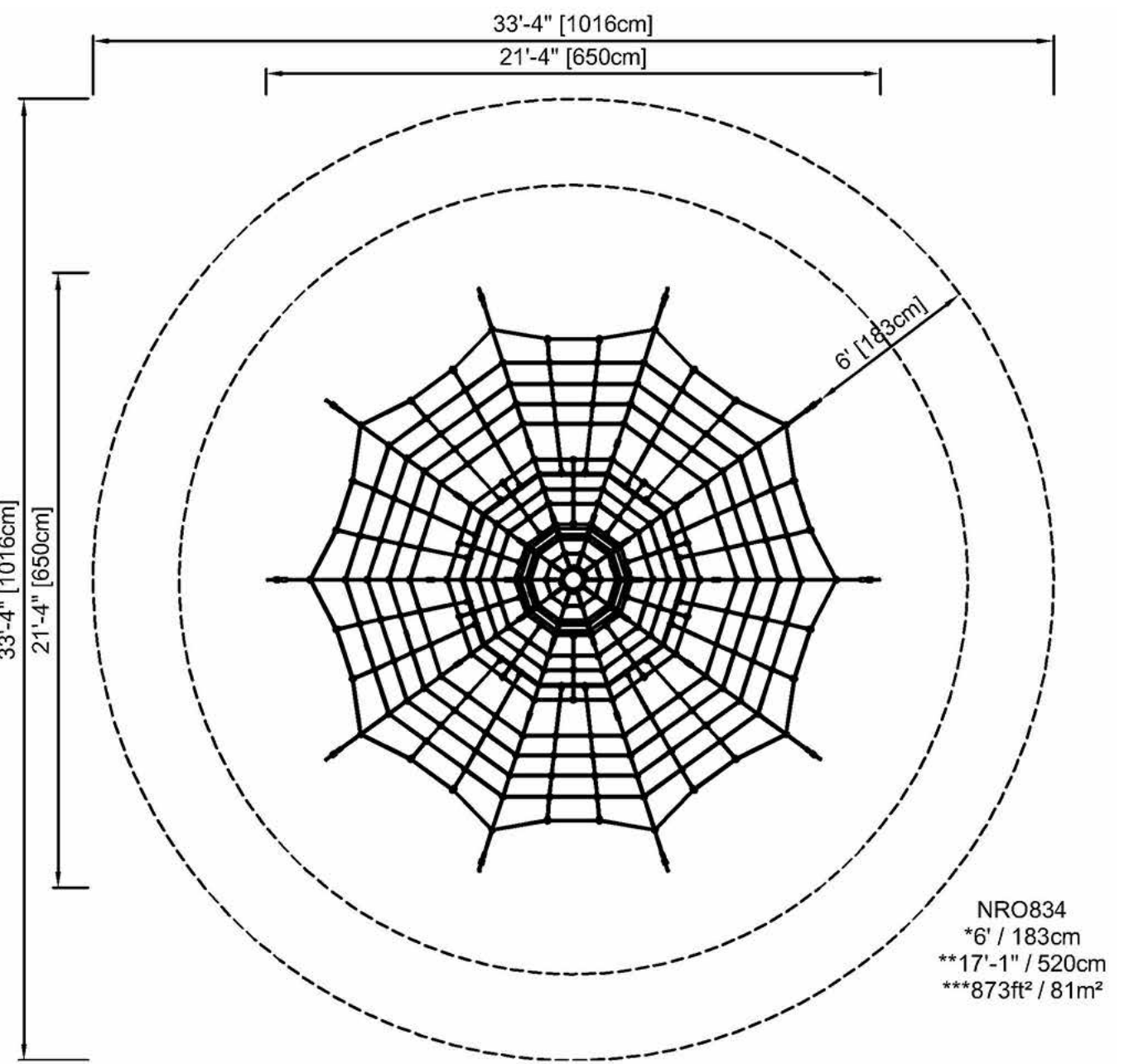
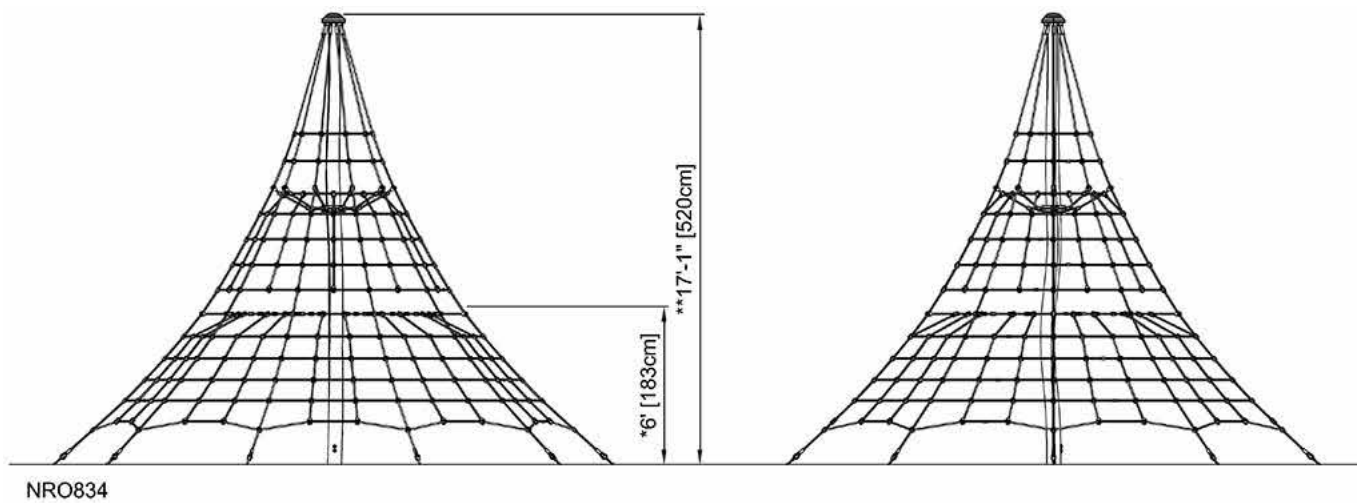
* Max fall height | ** Total height



MHC200301
*250cm
**150cm
***8.8m²

1 PRIMARY PLAY STRUCTURE
NTS

D



NRO834
**17'-1" / 520cm
***873ft² / 81m²

2 TREE CLIMBER
NTS



ANOVA

BH1884T

Beacon Hill Thermory® 4' Contour Bench

(800) 231-1327
specify@anovafurnishings.com
anovafurnishings.com

Material
The contour bench is composed of 1" x 3.5" (1" x 4" nominal dimensions) Thermory seat and back planks made from thermally-modified North American White Ash—a sustainably harvested and renewable temperate hardwood along with aluminum accent planks.
Armrest and legs are made of cast iron and bench has steel under supports. Bench seat will support 200 lbs. per linear foot.

Features
The armrests have individual right end and left end orientation.
Thermory is a low-maintenance, environmentally-friendly hardwood and a great alternative to commonly used tropical rainforest hardwoods because of its dimensional stability and Class 1 durability (25+ years). Thermory has a lower carbon footprint than tropical hardwoods.
The bench is designed to be portable for flexibility in placement or surface mounted using pre-drilled .50" diameter holes in the feet to prevent movement. **Mounting hardware is not included.**

Finish
Thermory is a lustrous chocolate brown color when new and will naturally age to a uniform silver/gray overtime. The color-changing process begins immediately and varies with the amount of UV-exposure.

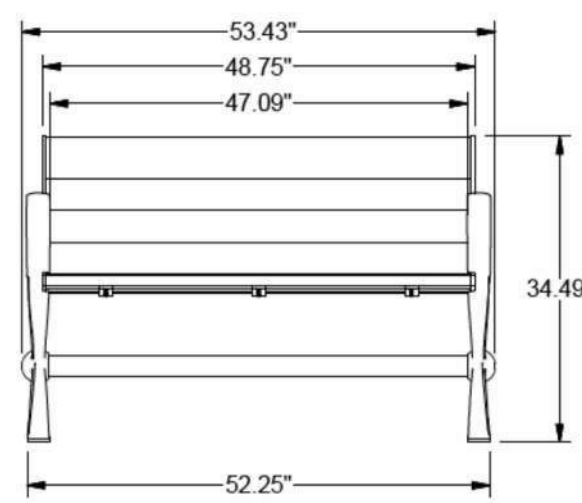
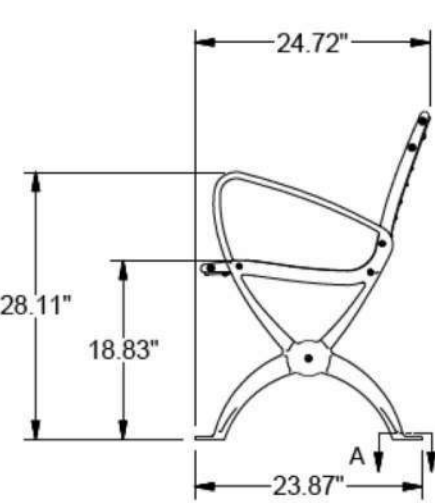
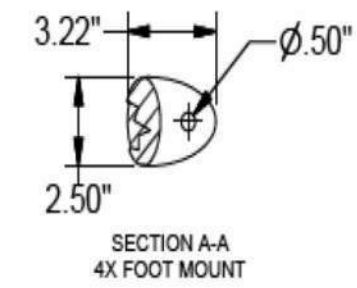
Rust-proof aluminum and rust-resistant primed steel components feature a fade-resistant powder coating. Treated components exceed the industry standard by 34% in testing by independent sources.

Assembly
This product ships fully assembled and ready-to-use. Assembly includes stainless steel hardware.

Color
See website or sales representative for color choices.

Maintenance
Clean Thermory with mild soap and water. Let dry thoroughly. To maintain original color, regularly apply standard deck oil, such as Cutex® Extreme Wood Protection Oil.

Warranty
20-year limited structural warranty, 10-year warranty on Thermory, and 3-year finish warranty on powder coated steel and aluminum; 7-year warranty against fading from the date of purchase. See full details on multi-year warranties for components at anovafurnishings.com/warranty. Manufactured in the U.S.



© 2023 ANOVA®

Nov - 2023

3 BENCH
NTS

C

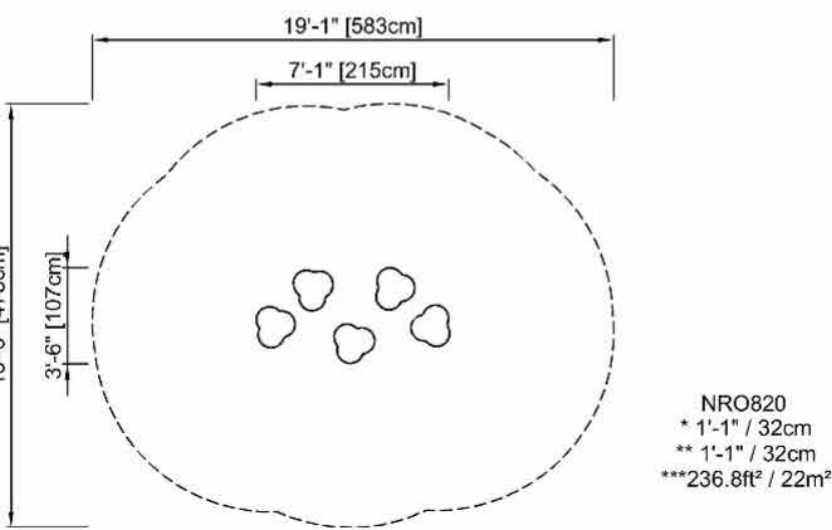
Waterlilies Balance Posts - 5 pcs

NRO820

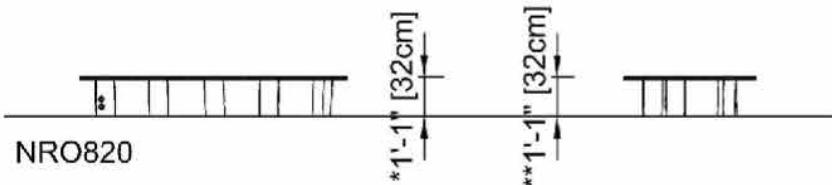


* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



NRO820
*1'-1" / 32cm
**1'-1" / 32cm
***236.6ft² / 22m²



NRO820

4 NATURE PLAY ELEMENT 1
SCALE: 1/4" = 1'-0"

B

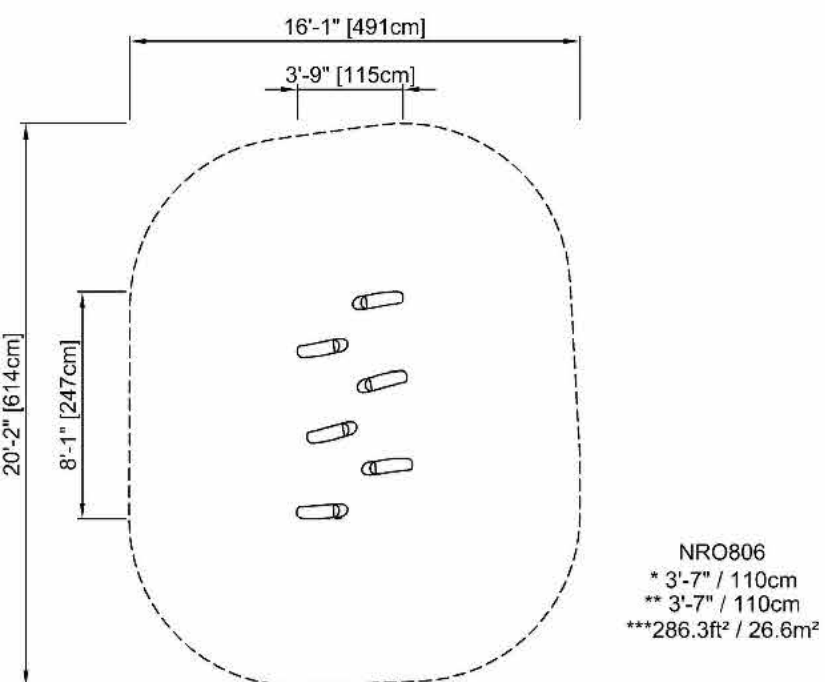
Stilts

NRO806



* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



NRO806
*3'-2" / 110cm
**3'-7" / 110cm
***286.3ft² / 26.6m²



NRO806

5 NATURE PLAY ELEMENT 2
SCALE: 1/4" = 1'-0"

A

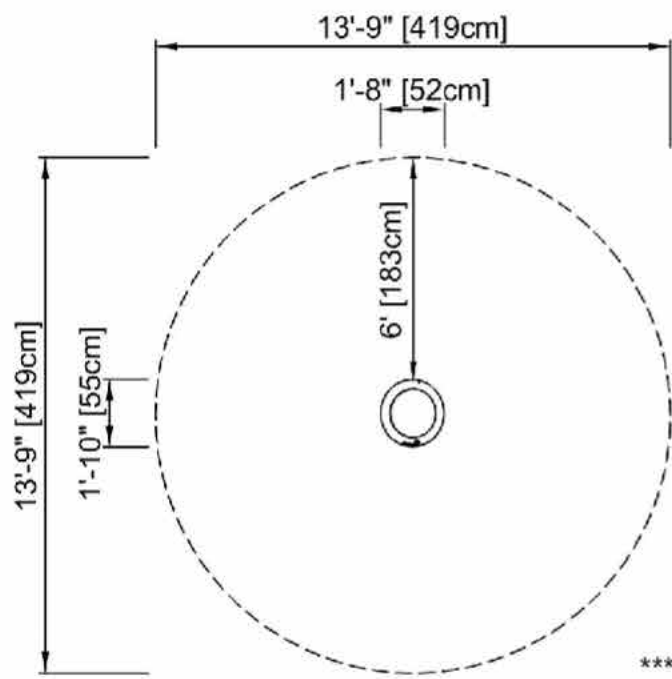
Spinner Bowl

ELE400024

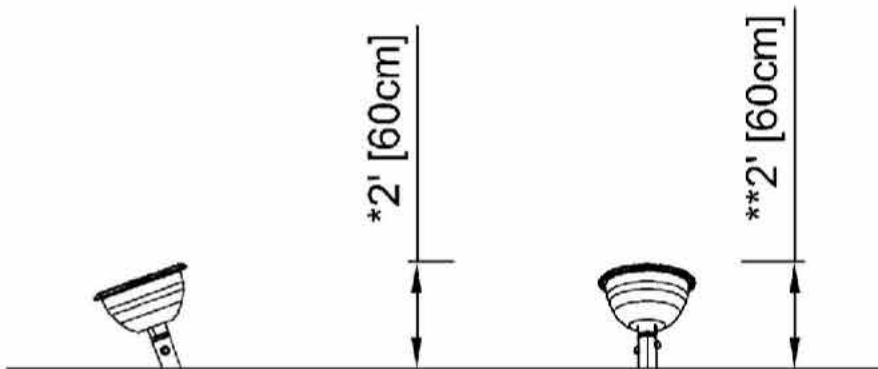


* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



ELE400024
*2'-0" / 60cm
**2'-0" / 60cm
***148.3ft² / 13.8m²



ELE400024

6 SPINNER BOWL
SCALE: 1/4" = 1'-0"

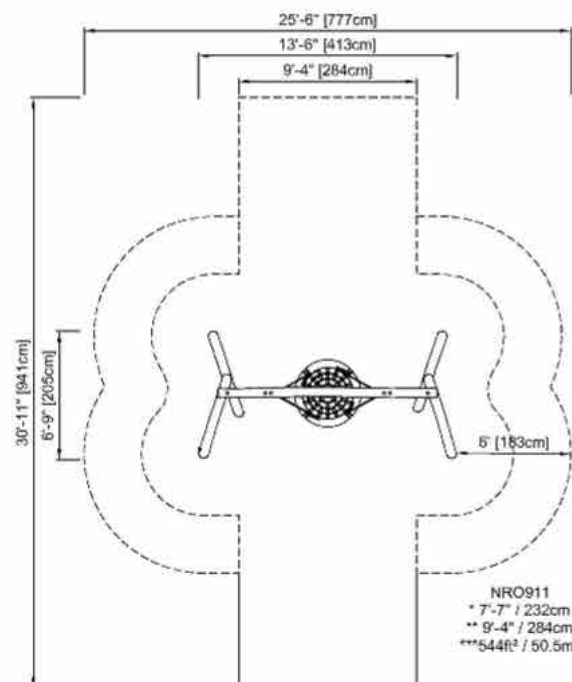
Birds Nest Swing

NRO911

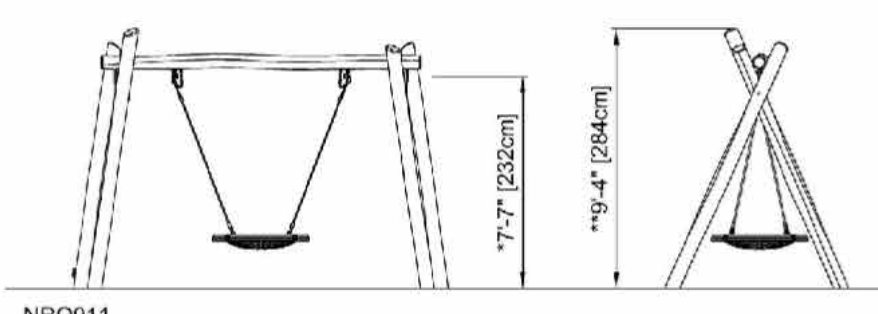


* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



NRO911
*2'-7" / 220cm
**5'-4" / 200cm
***164.6ft² / 15.3m²

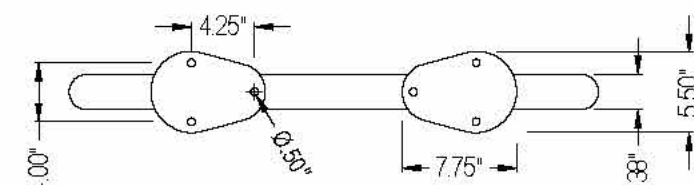


NRO911

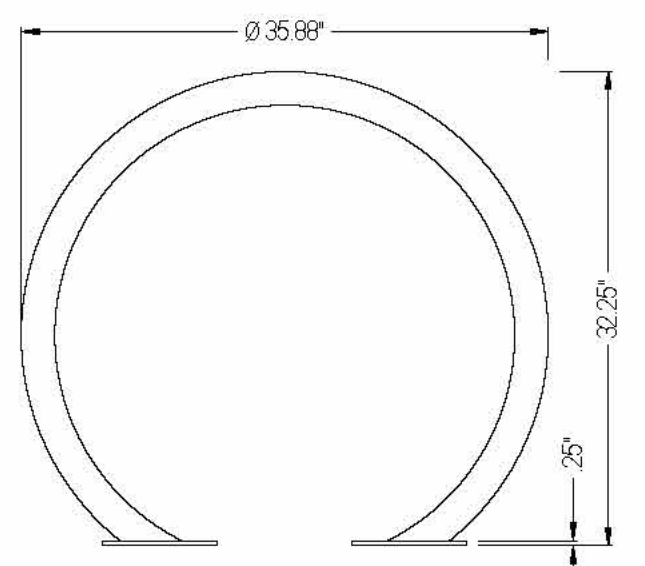
7 SWING SET
SCALE: 1/4" = 1'-0"

ANOVA

ANOVA FURNISHINGS
1424 TALMAGE AVENUE
ST. LOUIS, MO 63110-2323
TOLL FREE: 1-888-535-5005
PHONE: (800) 231-1327
FAX: (314) 754-0835
www.anovafurnishings.com



PLAN VIEW



FRONT ELEVATION

Colors and/or Options: Please see manufacturer website at www.anovafurnishings.com.
Finish: 316/316L stainless steel is highly resistant to salt corrosion, rusting, pitting, and cracking.
Material: 2.38" O.D. Schedule 10, 316L stainless steel pipe with 7/8" x 5/5" surface mount foot plate.
Capacity: 2 bikes, one on each side.
Unit Weight: 35 lbs.
Assembly: The bike rack ships fully assembled and ready for use. Surface mounting may require some assembly.
Structural Warranty: Limited 20-year warranty.
Finish Warranty: N/A.

- NOTES:**
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWING.
 3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
 4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
 5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADDetails.com/info AND ENTER REFERENCE NUMBER 928-360.

TANDEM BIKE RACKS
CIRCLERS2 - TANDEM STAINLESS STEEL BIKE RACK, SURFACE MOUNT

928-360

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REVISION DATE 11/20/2023

www.CADDetails.com

8 BIKE RACK
NTS

PROJECT LEAD
& CIVIL ENGINEERING:



301 EAST ATLANTIC BLVD.
POMPAN0 BEACH, FL 33060
PH: (954) 788-3400

Florida Engineering Business License: CA7928
Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC26000457

LANDSCAPE ARCHITECT:



801 INTERNATIONAL PARKWAY
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407.871.9607
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ARCHITECT:



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WJARC.COM A40002277

MECHANICAL, PLUMBING,
& ELECTRICAL ENGINEERING:



5301 WATERFORD DISTRICT DR.
SUITE 750
954-421-1944
SGMENGINEERING.COM CA-00006208

REVISIONS

NO.	DESCRIPTION	DATE
	ISSUED FOR BUILDING PERMIT	11/21/24
	REVISED FOR BUILDING PERMIT	01/10/25
Δ	BLDG PERMIT REV. 1	04/28/25

ISSUE DATE: 11/21/2024

DESIGNED BY: MATTHEW MANDA, P.L.A.

DRAWN BY: HALEY WOLFE, P.L.A.

CHECKED BY: JONATHAN PETRUSHKA, P.L.A.



Digitally signed by Matthew W. Manda
Date: 2025.08.19 09:44:19 -0400

CLIENT

VILLAGE OF
PINECREST
PINECREST PARKS & RECREATION

PROJECT

GARY MATZNER
PARK

SHEET TITLE

SITE DETAILS

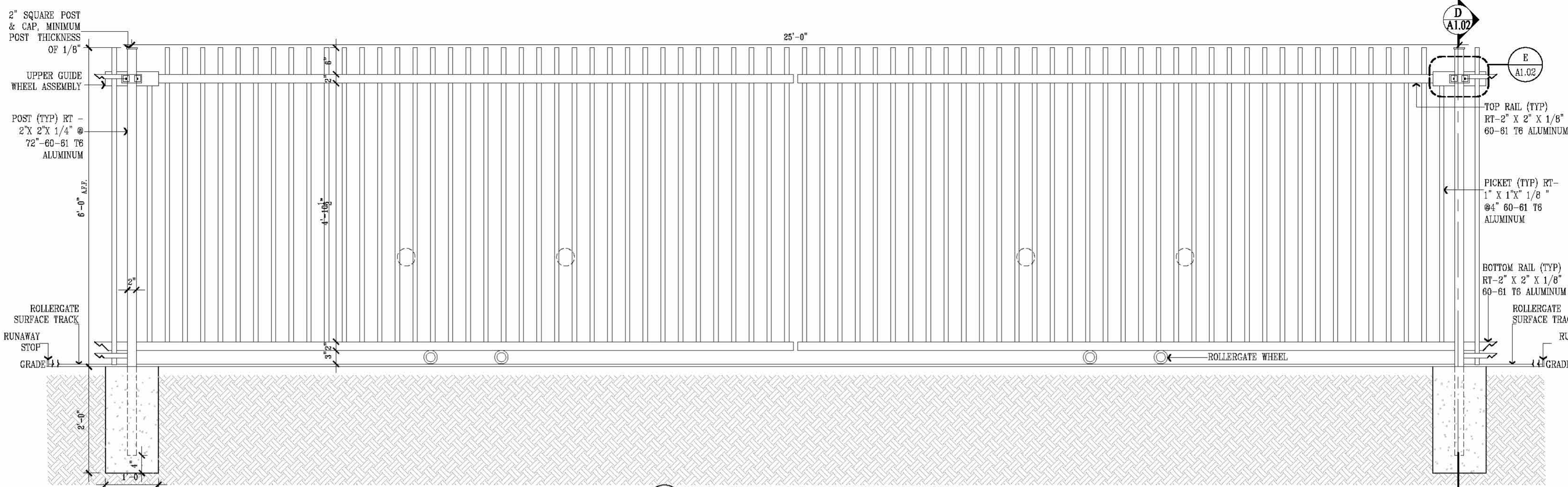
SHEET

NUMBER LH-303

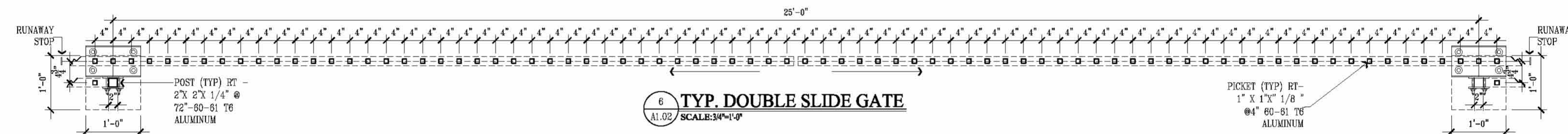
KEITH PROJECT

NUMBER 13861.00

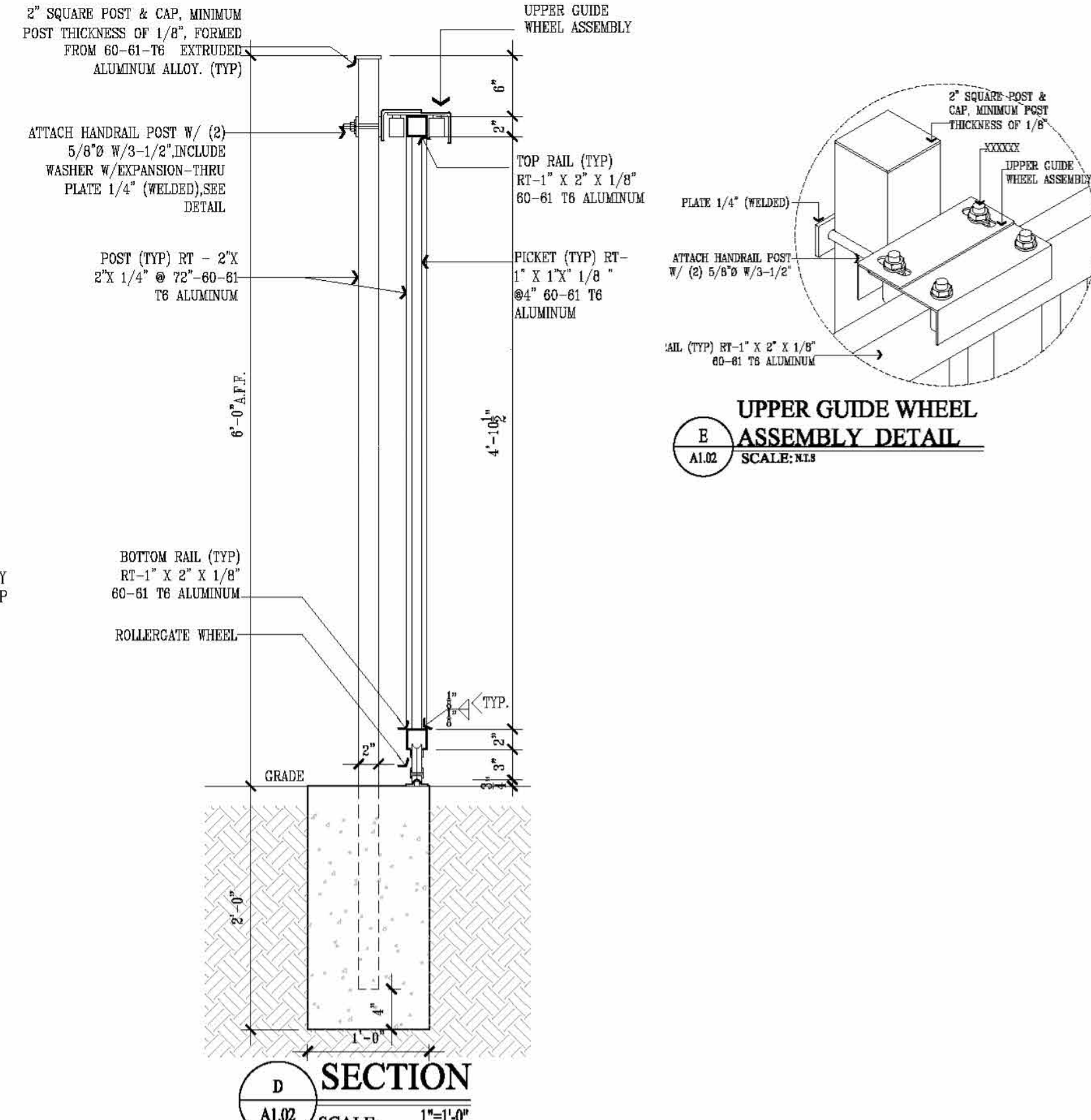
NOTE: DIMENSIONS MAY VARY AS APPLICABLE TO SITE CONDITIONS, TYP.



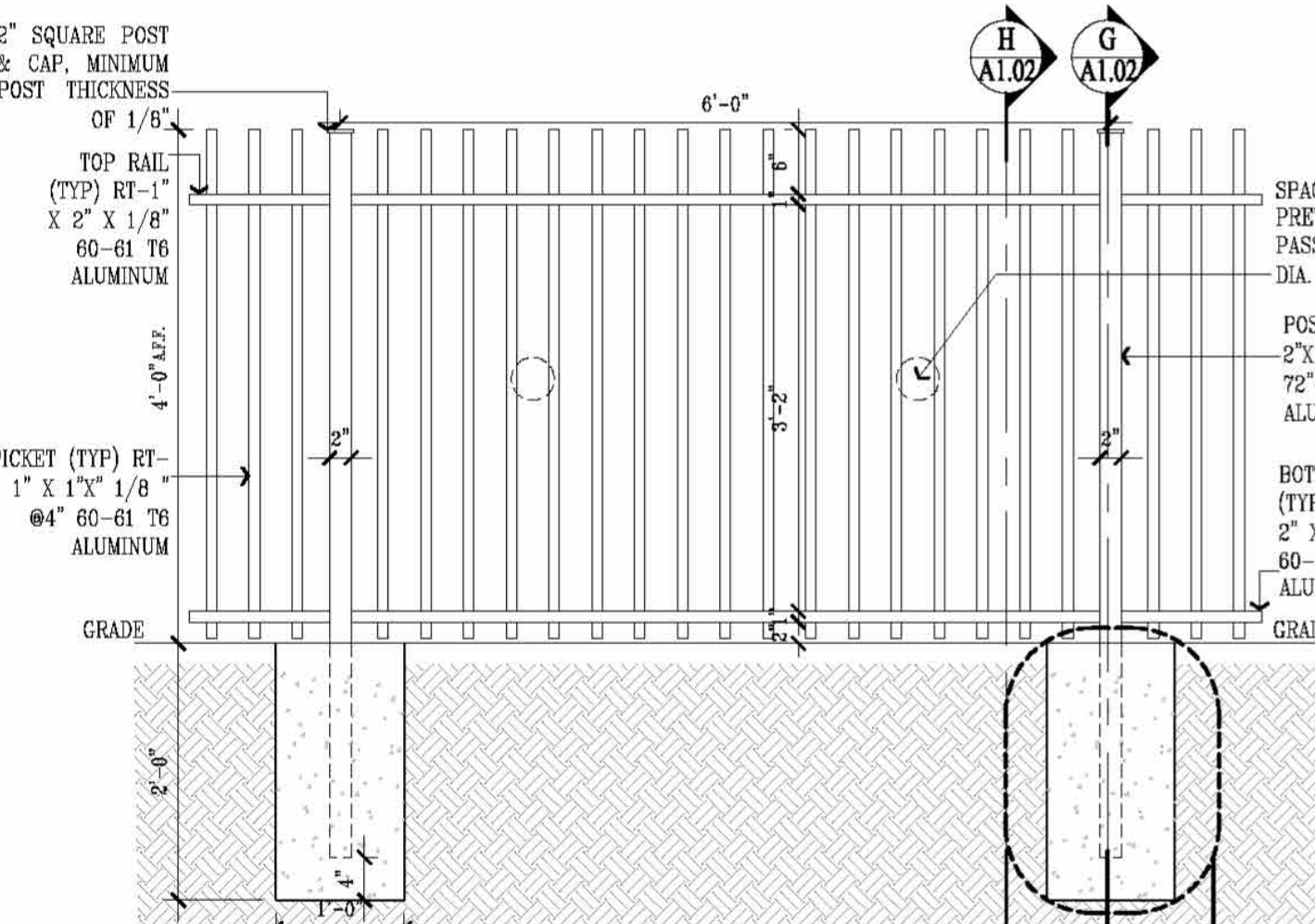
6 TYP. ROLLING GATE ELEVATION
SCALE: 3/4"=1'-0"



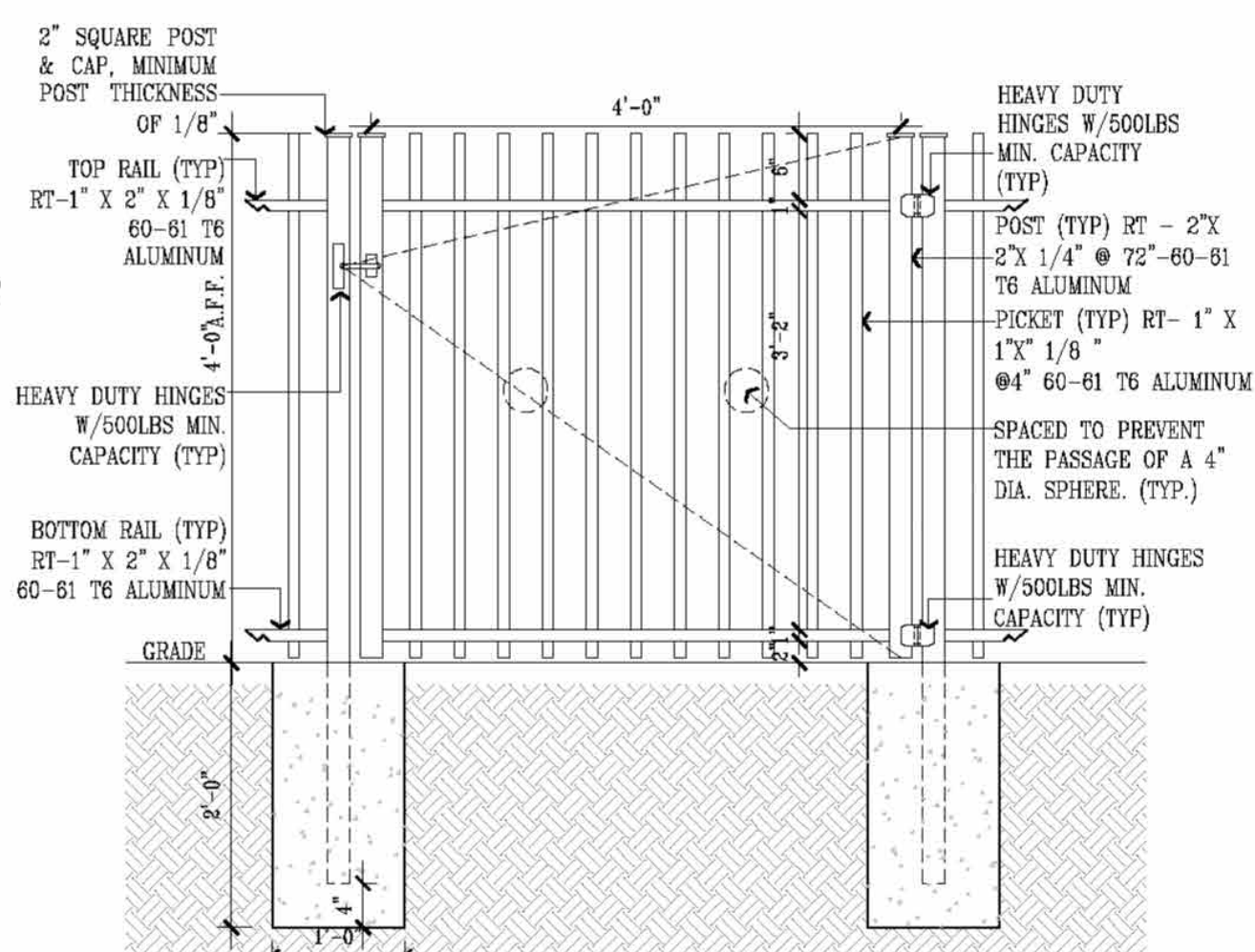
5 TYP. DOUBLE SLIDE GATE
SCALE: 3/4"=1'-0"



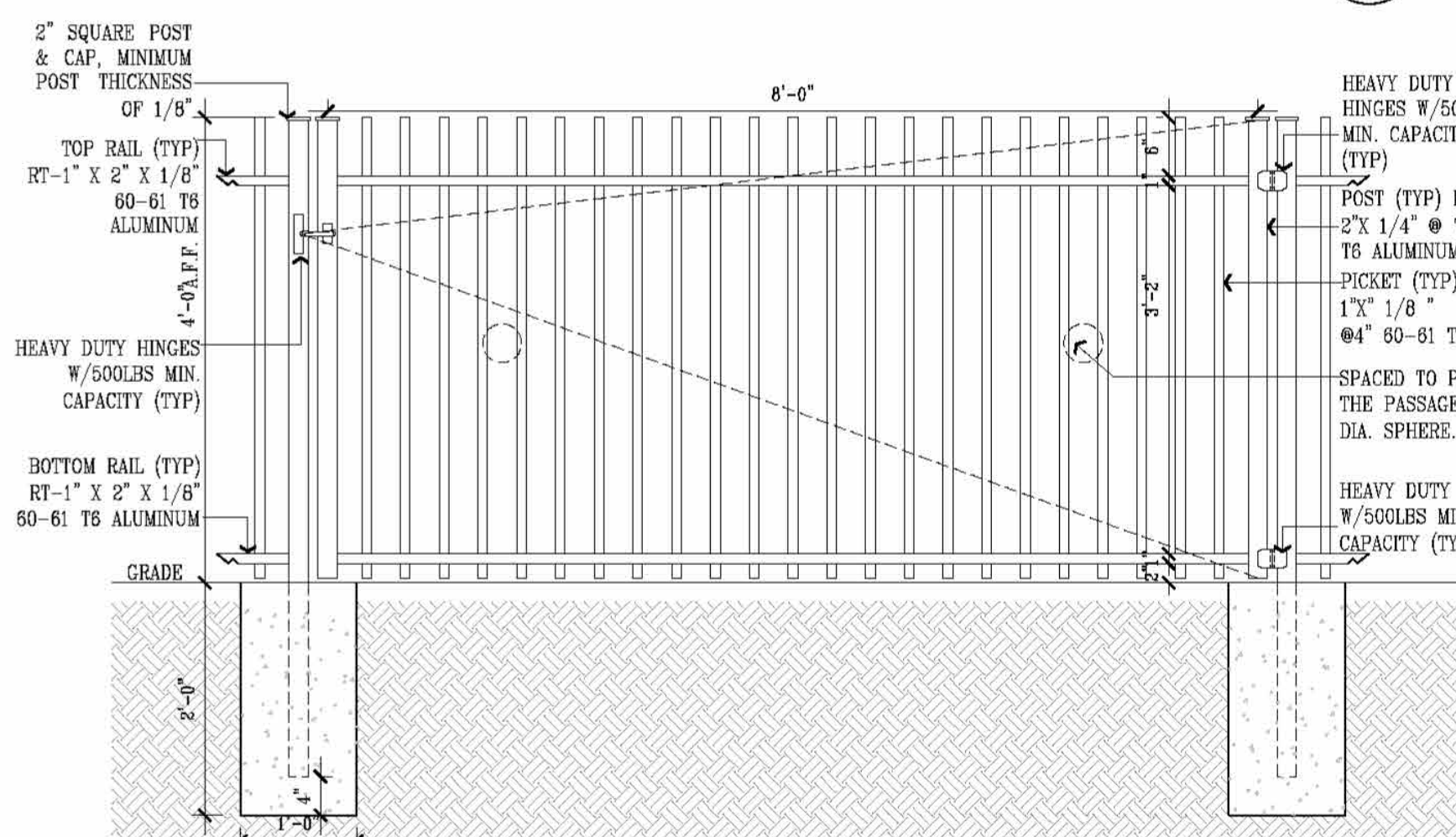
D SECTION
SCALE: 1"=1'-0"



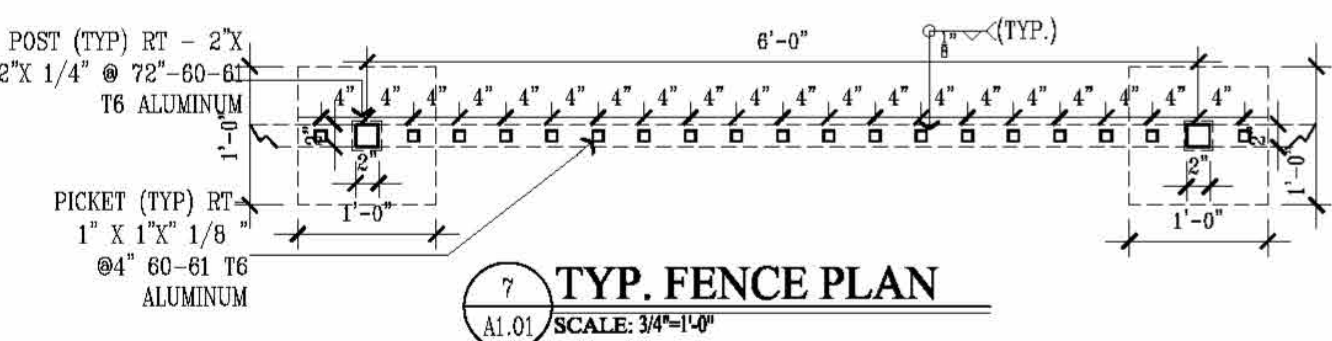
7 TYP. FENCE ELEVATION
SCALE: 3/4"=1'-0"



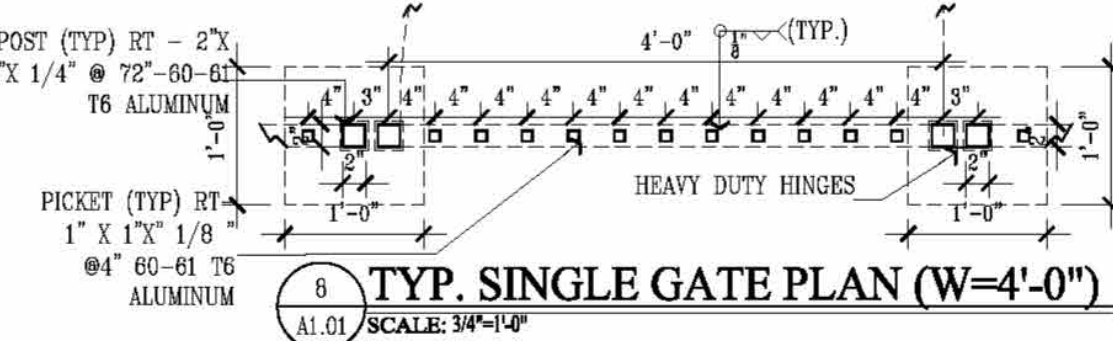
8 TYP. SINGLE GATE ELEVATION
SCALE: 3/4"=1'-0"



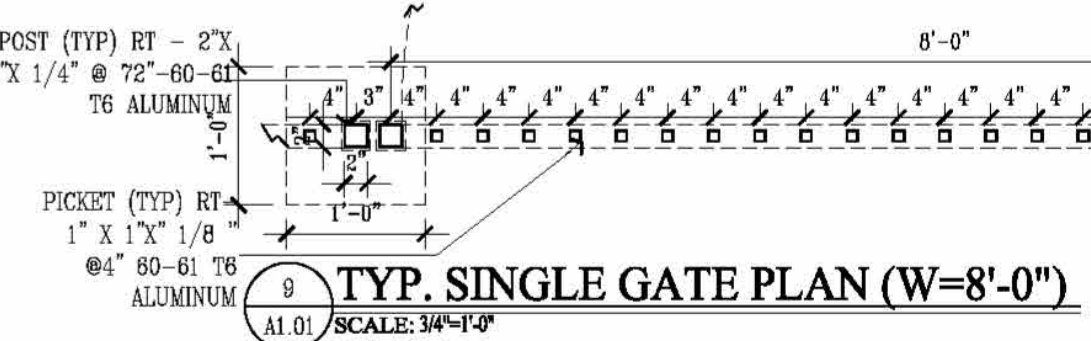
9 TYP. SINGLE GATE ELEVATION
SCALE: 3/4"=1'-0"



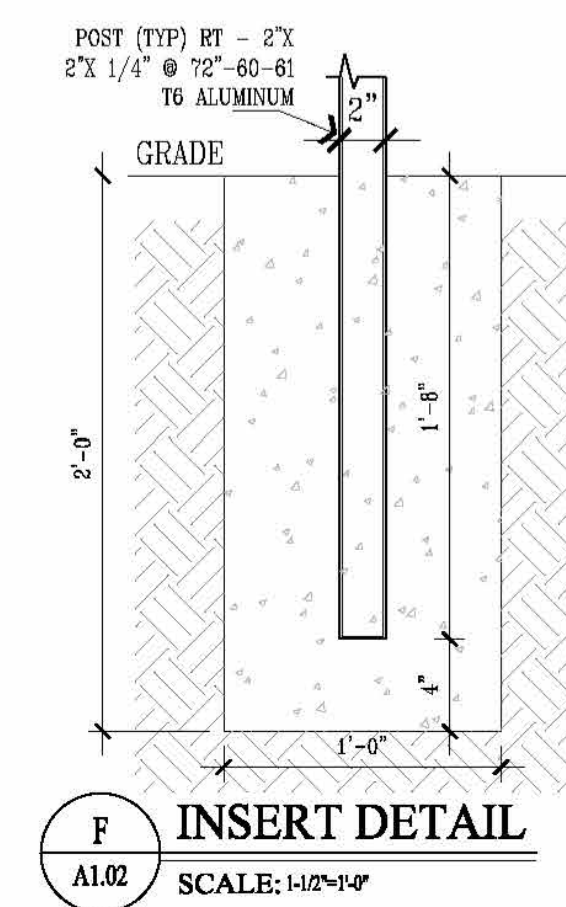
7 TYP. FENCE PLAN
SCALE: 3/4"=1'-0"



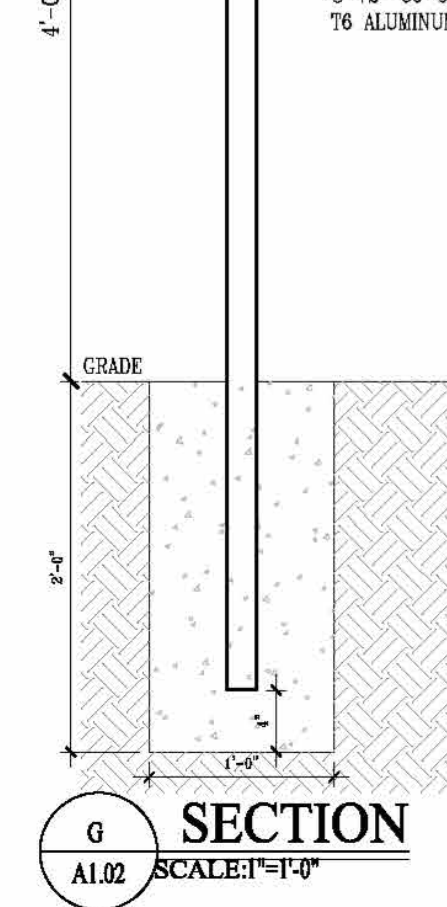
8 TYP. SINGLE GATE PLAN (W=4'-0")
SCALE: 3/4"=1'-0"



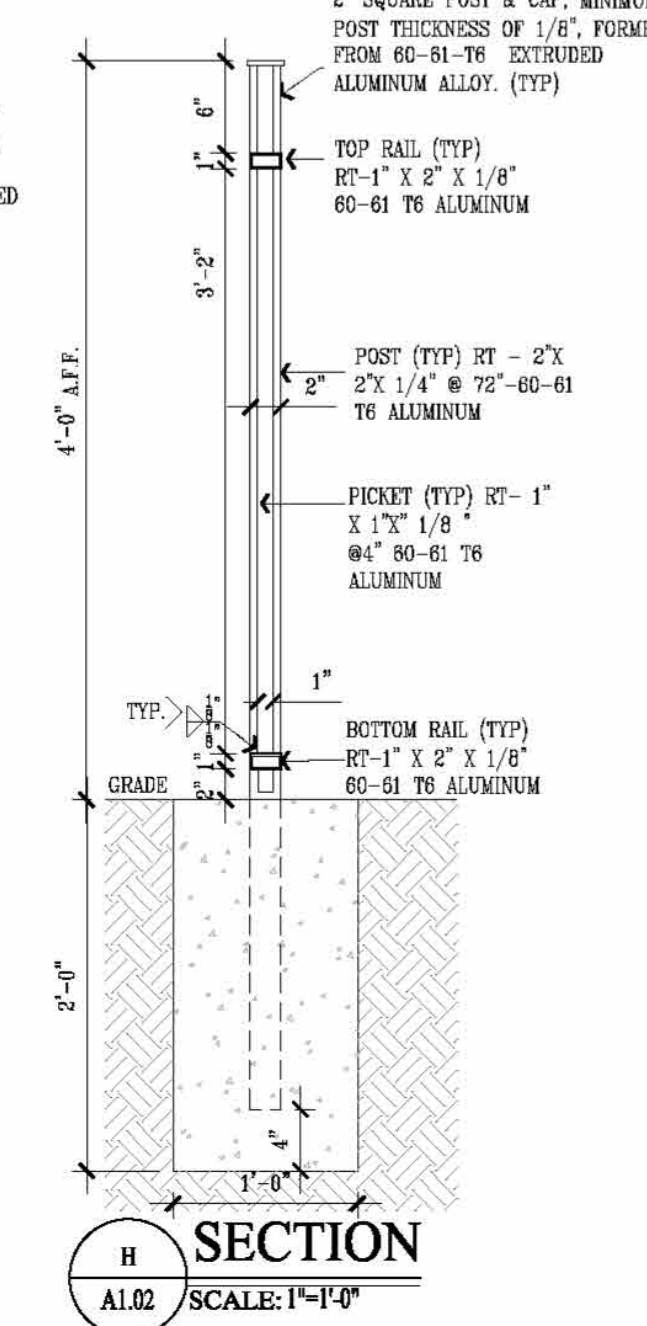
9 TYP. SINGLE GATE PLAN (W=8'-0")
SCALE: 3/4"=1'-0"



F INSERT DETAIL
SCALE: 1/2"=1'-0"



G SECTION
SCALE: 1"=1'-0"



H SECTION
SCALE: 1"=1'-0"

1 FENCE AND GATE DETAILS 1
SCALE: 3/4"=1'-0"

PROJECT LEAD
& CIVIL ENGINEERING:



301 EAST ATLANTIC BLVD.
POMPAHO BEACH, FL 33060
PH: (954) 788-3400

Florida Engineering Business License: CA7928
Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC26000457

LANDSCAPE ARCHITECT:



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MKSSTUDIOS.COM

ARCHITECT:



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MECHANICAL, PLUMBING,
& ELECTRICAL ENGINEERING:



5301 WATERFORD DISTRICT DR.
SUITE 750
954-421-1944
SGMENGINEERING.COM CA-00006208

REVISIONS		
NO.	DESCRIPTION	DATE
	ISSUED FOR BUILDING PERMIT	11/21/24
	REVISED FOR BUILDING PERMIT	01/10/25
1	BLOG PERMIT REV. 1	04/28/25

ISSUE DATE: 11/21/2024
DESIGNED BY: MATTHEW MANDA, P.L.A.
DRAWN BY: HALEY WOLFE, P.L.A.
CHECKED BY: JONATHAN PETRUSKA, P.L.A.



Digitally signed by Matthew W. Manda
Date: 2025.08.19 09:45:34 -0400

CLIENT
**VILLAGE OF
PINECREST**
PINECREST PARKS & RECREATION

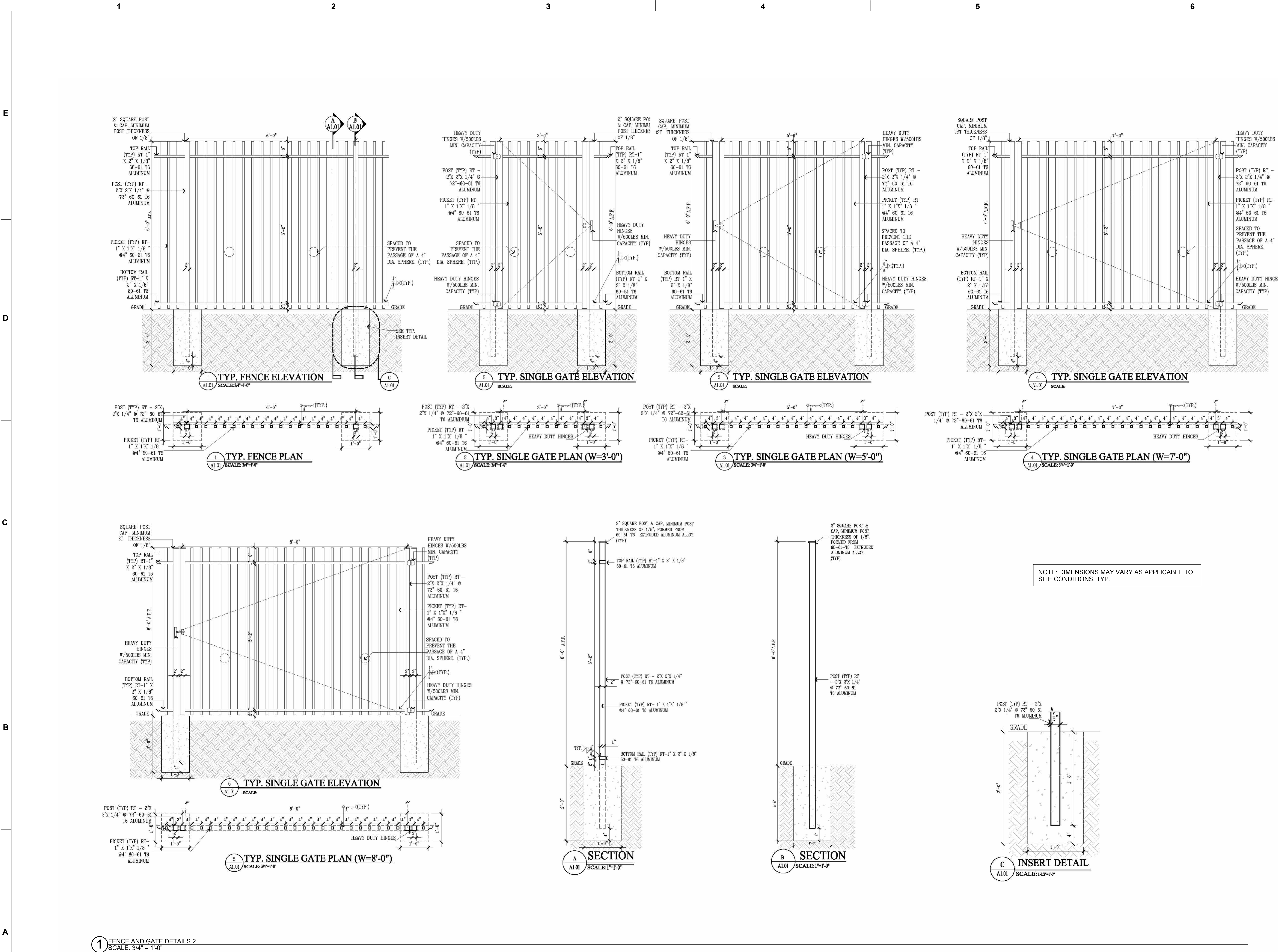
PROJECT
**GARY MATZNER
PARK**

SHEET TITLE
SITE DETAILS

SHEET
NUMBER
LH-304

KEITH PROJECT
NUMBER
13861.00

STATUS:



1 FENCE AND GATE DETAILS 2
SCALE: 3/4" = 1'-0"

PROJECT LEAD
& CIVIL ENGINEERING:



301 EAST ATLANTIC BLVD.
POMPAHO BEACH, FL 33060
PH: (954) 788-3400
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Florida Surveyor and Mapper Business License: LB6860
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MKSKSTUDIOS.COM

ARCHITECT:



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MIAMI, FLORIDA 33126
727-922-5568
WJARC.COM AAO002277

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Date: 2025.08.19 09:46:37 -0400

CLIENT
**VILLAGE OF
PINECREST**
PINECREST PARKS & RECREATION

PROJECT
**GARY MATZNER
PARK**

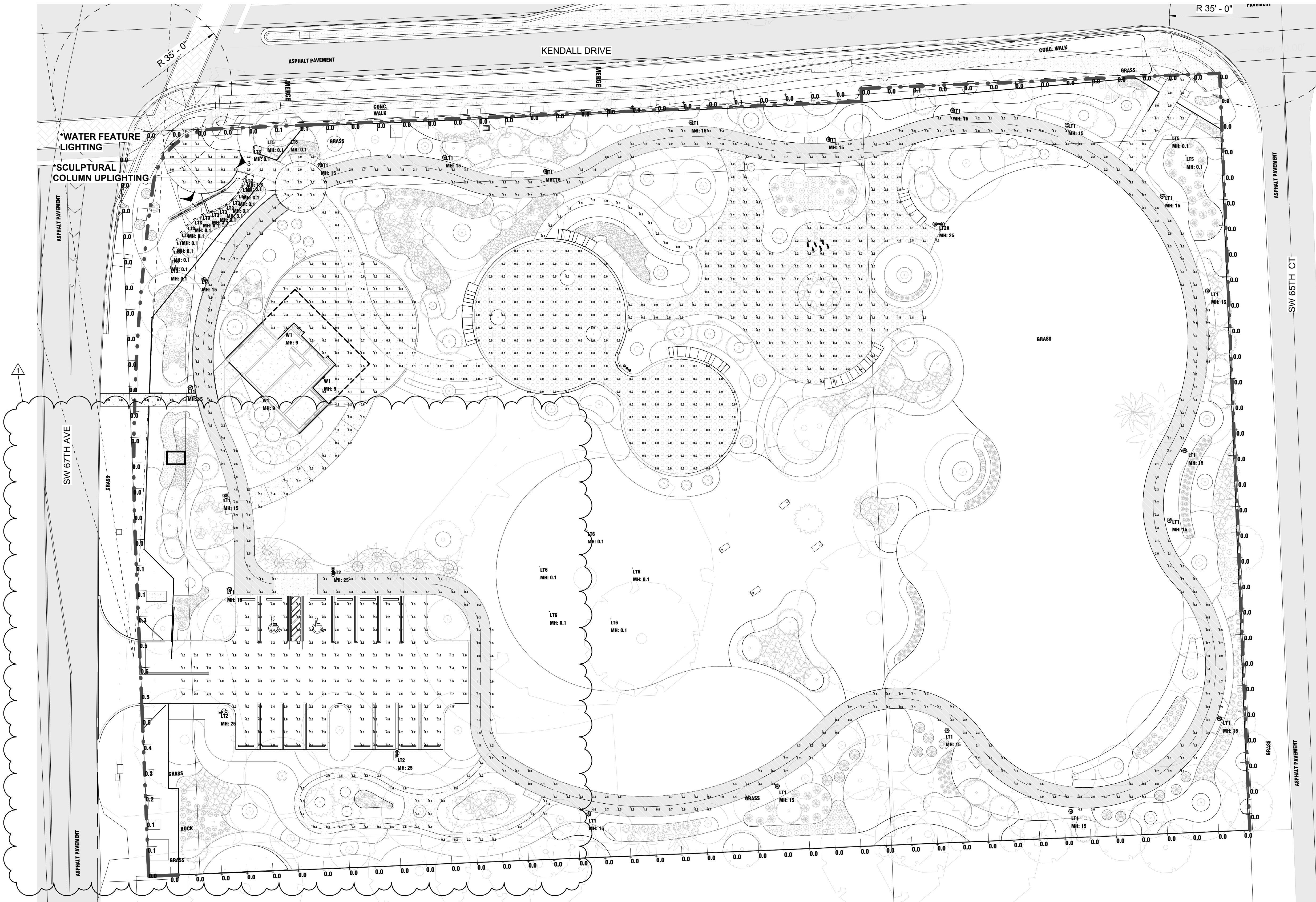
SHEET TITLE
SITE DETAILS

SHEET
NUMBER
LH-305

KEITH PROJECT
NUMBER
13861.00

Drawing name: S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM, CAD, GIS\BIM\CAD Layouts\GMP-TLSK_1.sxd.dwg

STATUS:



1 LIGHTING PLAN
SCALE: 1" = 20'-0"

Calculation Summary

Project: 3_28_2025 GARY MATZNER PARK, PINECREST - SITE - REV2

Label	CalcType	Units	Avg	Max	Min	Avg/MIn	Max/MIn
PARKING	Illuminance	Fc	2.87	5.4	1.0	2.87	5.40
PROPERTY LINE - HORIZONTAL	Illuminance	Fc	0.02	0.4	0.0	N/A	N/A
PROPERTY LINE - VERTICAL	Illuminance	Fc	0.03	0.5	0.0	N/A	N/A
SOUTHERN VERTICAL SPILL AT STRUCTURE	Illuminance	Fc	0.01	0.028	0.001	9.00	28.00
PERIMETER PATH	Illuminance	Fc	2.31	5.7	0.2	11.55	28.50

NOTES:

- WHEN THE LLF IS NOT .9 OR 1.0 THE WATTAGE INFORMATION WILL NOT BE CORRECT
- EXACT MOUNTING DETAILS TO BE DETERMINED BY OTHERS
- MOUNTING HEIGHT IS ALWAYS A.F.F. OR A.F.C. UNLESS NOTED
- LUMINAIRES PLACED IN SPECIFIED AND PROPOSED LOCATIONS AT SPECIFIED MOUNTING HEIGHT
- LUMINAIRES DEFINED AS SPECIFIED

Luminaire Schedule

Project: 3_28_2025 GARY MATZNER PARK, PINECREST - SITE - REV2

Symbol	Qty	Label	Arrangement	Lum. Lumens	LLD	Luminaire Watts	Total Watts	[MANUFACT]	Description	Tag	Mounting Height
	20	LT1 *	Single	2980	0.900	28	560	AEC	ARMODUE MINI IP3 STEAM 3_1-1M	POLE MOUNT	15
	3	LT2 *	Single	11393	0.900	112	336	LUMCA	CP040X 48LED07 107W 120V L4 30K	POLE MOUNT	25
	1	LT3A	Back-Back	11393	0.900	112	224	LUMCA	(2)CP040X 48LED07 107W 120V L4 30K	POLE MOUNT	25
	16	LT7	Single	489	0.900	9	144	Insight Lighting	ME-MIO-RGB30-Q-2020-EAB-6-12-VOLT-DMX-FINISH-V5	COLUMN SURFACE MOUNT	0.1, 3.1
	4	LT6	Single	462	0.900	6.8	27.2	B-K LIGHTING, INC.	DS-LED-E65-WFL-AS-FINISH-12-A-360SL	GROUND MOUNT	0.1
	5	LT6	Single	462	0.900	6.8	34	B-K LIGHTING, INC.	HP2-LED-TR-444-WFL-FINISH-10-ELV-MT	RECESSED IN GRADE	0.1
	53	UW	Single	189	0.900	2.4	127.2	ORGANIC	AQUEON FLAT RGBW (051632) SET TO AQUAMARINE	TOP WATER FEATURE WALL	1.8
	3	W1	Single	3687	0.900	35	105	STONCO	LPW-16-30-WW-G3-3-2021	WALL MOUNT	9

SEE SITE DETAILS FOR POLE MOUNTED LIGH FIXTURE CUT SHEETS

LIGHTING NOTES

1. FOR TECHNICAL QUESTIONS CONTACT SESCO LIGHTING (JASON BOEHM) @ 305-299-2288 OR JBOEHM@SESCOLIGHTING.COM.
2. SPECIFIC LIGHTING FIXTURES, SELECTED BY TYPE, PHOTOMETRIC PERFORMANCE, LIGHTING PATTERN, AND LUMEN OUTPUT, WERE USED IN THE ILLUMINATION DESIGN TO PRODUCE THE REQUIRED EFFECT AND ILLUMINATION. SUBSTITUTION OF THE LIGHT FIXTURES WILL RESULT IN DIFFERENT ILLUMINATION COVERAGE AND LIGHTING PATTERN. THEREFORE, SUBSTITUTION OF LIGHTING FIXTURES WILL NOT BE ALLOWED.
3. CONTRACTOR IS TO DETERMINE QUANTITY AND WATTAGES OF REMOTE POWER SUPPLIES REQUIRED BASED ON TOTAL LOAD WATTAGE, DISTANCE TO CENTER OF LOAD, AND SITE CONDITIONS. POWER SUPPLIES USED ARE TO BK LIGHTING OR Q-TRAN DEPENDING ON THE MANUFACTURE OF THE LUMINAIRE.
4. CONTRACTOR IS TO MOUNT REMOTE TRANSFORMERS IN A MANNER THAT DOES NOT INTERFERE WITH THE LANDSCAPE DESIGN. TRANSFORMERS SHALL BE MOUNTED OUT OF DIRECT SIGHT OR BEHIND A CONCEALING STRUCTURE. LOW VOLTAGE LANDSCAPE WIRE POWERING TREE MOUNTED FIXTURES IS TO BE MOUNTED ON THE SIDE OF THE TREE OPPOSITE THE MOST DIRECT VIEW FROM LANDSCAPE PATHS OR ROADWAYS.
5. ALL LUMINAIRES SHALL BEAR THE UL LISTING NUMBERS FROM A NATIONALLY RECOGNIZED TESTING LABORATORY



PROJECT LEAD
& CIVIL ENGINEERING:

KEITH
301 EAST ATLANTIC BLVD.
POINCIANO BEACH, FL 33060
PH: (954) 788-3400
Florida Engineering Business License: CA7928
Florida Surveyor and Mapper Business License: LB68660
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LANDSCAPE ARCHITECT:

MKSK
801 INTERNATIONAL PARKWAY
LAKE MARY, FL 32746
407.871.9607
MKSKSTUDIOS.COM

ARCHITECT:

WA
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CHECKED BY: JONATHAN PETRUSHKA, P.E.



Digitally signed by Matthew W. Manda
Date: 2025.06.19 09:47:49 -0400

CLIENT
**VILLAGE OF
PINECREST**
PINECREST PARKS & RECREATION

PROJECT

**GARY MATZNER
PARK**

SHEET TITLE

**LIGHTING
CONCEPT
PLAN**

SHEET
NUMBER
LL-101

KEITH PROJECT
NUMBER
13861.00

E

D

C

B

A

1

2

3

4

5

6

1

2

3

4

5

6

PLANT SCHEDULE - TREES SHRUBS PERENNIALS

KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONDITION	NOTES	COUNT	NATIVE STATUS	DBH
DECIDUOUS TREES								
BU SI	Bursera simaruba	Gumbo Limbo	15' HT X 7' SPRD	B&B 30"		9	Y	4"
CE SP	Ceiba speciosa	Silk Floss Tree	15' HT X 7' SPRD	B&B 30"		2	N	4"
CO SE	Cordia sebestena	Geiger Tree	12' HT X 5' SPRD	B&B 30"		4	Y	2.5"
DE RE	Delonix regia	Royal Poinciana	15' HT X 7' SPRD	B&B 30"		2	N	4"
LY LA	Lysiloma latisiliquum	Wild Tamarind	12' HT X 5' SPRD	B&B 30"		4	Y	2.5"
QU VI	Quercus virginiana	Live Oak	15' HT X 7' SPRD	B&B 30"		5	Y	4"
SW MA	Swietenia mahagoni	Mahogany	12' HT X 5' SPRD	B&B 30"		1	Y	3"
TA DI	Taxodium distichum	Bald Cypress	10'-14' HT X 6' SPRD	B&B 30"		12	Y	3"
EVERGREEN TREES								
CH OL	Chrysophyllum oliviforme	Satinleaf	12' HT X 5' SPRD	B&B 30"		10	Y	2"
CL RO	Clusia rosea	Pitch apple	12' HT X 5' SPRD	B&B 30"		4	Y	2"
MY FR	Myrcianthes fragrans	Simpson's Stopper	8-10' HT X 5' SPRD	B&B 30"		18	Y	2"
PI DE	Pinus elliotii var. densa	South Florida Slash Pine	10'-14' HT X 6' SPRD	B&B 30"		42	Y	2.5"
PALM TREES								
CO NU	Cocos nucifera	Coconut Palm	VARIES, SEE PLAN FOR HEIGHTS	B&B 30"		1	N	
SA PA	Sabal palmetto	Sabal palm	VARIES, SEE PLAN FOR HEIGHTS	B&B 30"		26	Y	
VE AR	Veitchia arecina	Montgomery Palm	VARIES, SEE PLAN FOR HEIGHTS	B&B 30"		8	N	
SHRUBS								
AL IM	Alcantarea imperialis	Imperial Bromeliad	36" HT x 48" SPRD	-		4	N	
AL SP	Alcantarea imperialis 'silver plum'	Giant Silver Plum Bromeliad	36" HT x 24" SPRD	-		8	N	
AL PU	Alpinia purpurata	Red Ginger	30" HT x 30" SPRD	-		35	N	
AR ES	Ardisia escallonioides	Marlberry	24" HT x 24" SPRD	-		18	Y	
CA AM	Callicarpa americana	Beautyberry	24" HT x 18" SPRD	-		53	Y	
CH IC	Chrysobalanus icaco	Green cocoplum	24" HT x 24" SPRD	-		49	Y	
HA PA	Hamelia patens 'compacta'	Dwarf Firebush	24" HT x 24" SPRD	-		68	Y	
HE PS	Heliconia psittacorum 'choconiana'	Heliconia	18" HT x 16" SPRD	-		30	N	
HY LA	Hymenocallis latifolia	Spider Lily	16" HT x 16" SPRD	-		124	Y	
NE BI	Nephrolepis biserrata	Giant Sword Fern	24" HT x 24" SPRD	-		138	Y	
PH TA	Philodendron tatei 'rojo congo'	Rojo Congo Philodendron	36" HT x 36" SPRD	-		37	N	
PS NE	Psychotria nervosa	Wild Coffee	24" HT x 24" SPRD	-		129	Y	
SE RE	Serenoa repens	Saw palmetto	24" HT x 20" SPRD	-		114	Y	
VINE								
GE SE	Gelsemium sempervirens	Carolina jessamine	24" HT x 24" SPRD	Trellised		6	Y	

CODE	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	CONDITION	NOTES	COUNT	NATIVE STATUS
PERENNIALS & GRASSES								
AR GL	Arachis glabrata	Perennial Peanut	12" HT x 16" SPRD	18 in	-		820	Y
CO IC	Chrysobalanus icaco	Green Cocoplum	30" HT x 30" SPRD	24 in	-		664	Y
CH HO	Chrysobalanus icaco 'Horizontal'	Horizontal Cocoplum	24" HT x 24" SPRD	24 in	-		499	Y
DY HU	Dyschoriste humistrata	Twinflower	12" HT x 12" SPRD	36 in	-		44	Y
FI MI	Ficus microcarpa	Green Island Ficus	12" HT x 12" SPRD	24 in	-		329	N
HE DE	Helianthus debilis	Dune Sunflower	12" HT x 16" SPRD	18 in	-		1,112	Y
JA VO	Jasemine volubile	Wax Jasemine	12" HT x 16" SPRD	24 in	-		390	Y
LA DE	Lantana depressa	Pineland Lantana	12" HT x 16" SPRD	18 in	-		1,575	Y
MU CA	Muhlenbergia capillaris	Pink Muhly Grass	24" HT x 24" SPRD	30 in	-		641	Y
NE EX	Nephrolepis exaltata	Sword Fern	12" HT x 14"SPRD	24 in	-		1,294	Y
ST JA	Stachytarpheta jamaicensis	Blue portenweed	18" HT x 18" SPRD	36 in	-		597	Y
TR FL	Tripsacum floridanum	Florida Gamagrass	24" HT x 24" SPRD	30 in	-		875	Y
ZA PU	Zamia pumila	Cootnie	16" HT x 18" SPRD	18 in	-		883	Y

TREE MITIGATION CALCULATIONS

TOTAL DBH INCHES TO BE REMOVED: 171 IN

- DBH OF SPECIMEN TREES (>18 IN DBH) TO BE REMOVED (REQUIRING X2 REPLACEMENT): 128 IN
- DBH TO BE REMOVED REQUIRING X1 REPLACEMENT: 43 IN

TOTAL DBH INCHES REQUIRING REPACEMENT: 299 IN

TOTAL DBH INCHES PROPOSED: 302.5 IN

PROJECT LEAD & CIVIL ENGINEERING:



301 EAST ATLANTIC BLVD.
POINCIANO BEACH, FL 33060
PH: (954) 788-3400
Florida Engineering Business License: CA7928
Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC26900457

LANDSCAPE ARCHITECT:



801 INTERNATIONAL PARKWAY
LAKE MARY, FL 32746
407.871.9607
MKSKSTUDIOS.COM

ARCHITECT:



WANNEMACHER, JENSEN ARCHITECTS
815 NORTHWEST 57 AVE. SUITE 219
MIAMI, FLORIDA 33126
727-922-5568
WJARC.COM AA0002277

MECHANICAL, PLUMBING, & ELECTRICAL ENGINEERING:



5301 WATERFORD DISTRICT DR.
SUITE 750
954-421-1944
SGMENGINEERING.COM CA-00006208

REVISIONS

NO.	DESCRIPTION	DATE
	ISSUED FOR BUILDING PERMIT	11/21/24
	REVISED FOR BUILDING PERMIT	01/10/25
⚠	BLDG PERMIT REV. 1	04/28/25

ISSUE DATE: 11/21/2024
DESIGNED BY: MATTHEW MANDA, PLA
DRAWN BY: HALEY WOLFE, PLA
CHECKED BY: JONATHAN PETRUSHKA, PLA



Digitally signed by Matthew W Manda
Date: 2025.08.19 09:49:33 -0400

CLIENT
VILLAGE OF
PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER
PARK

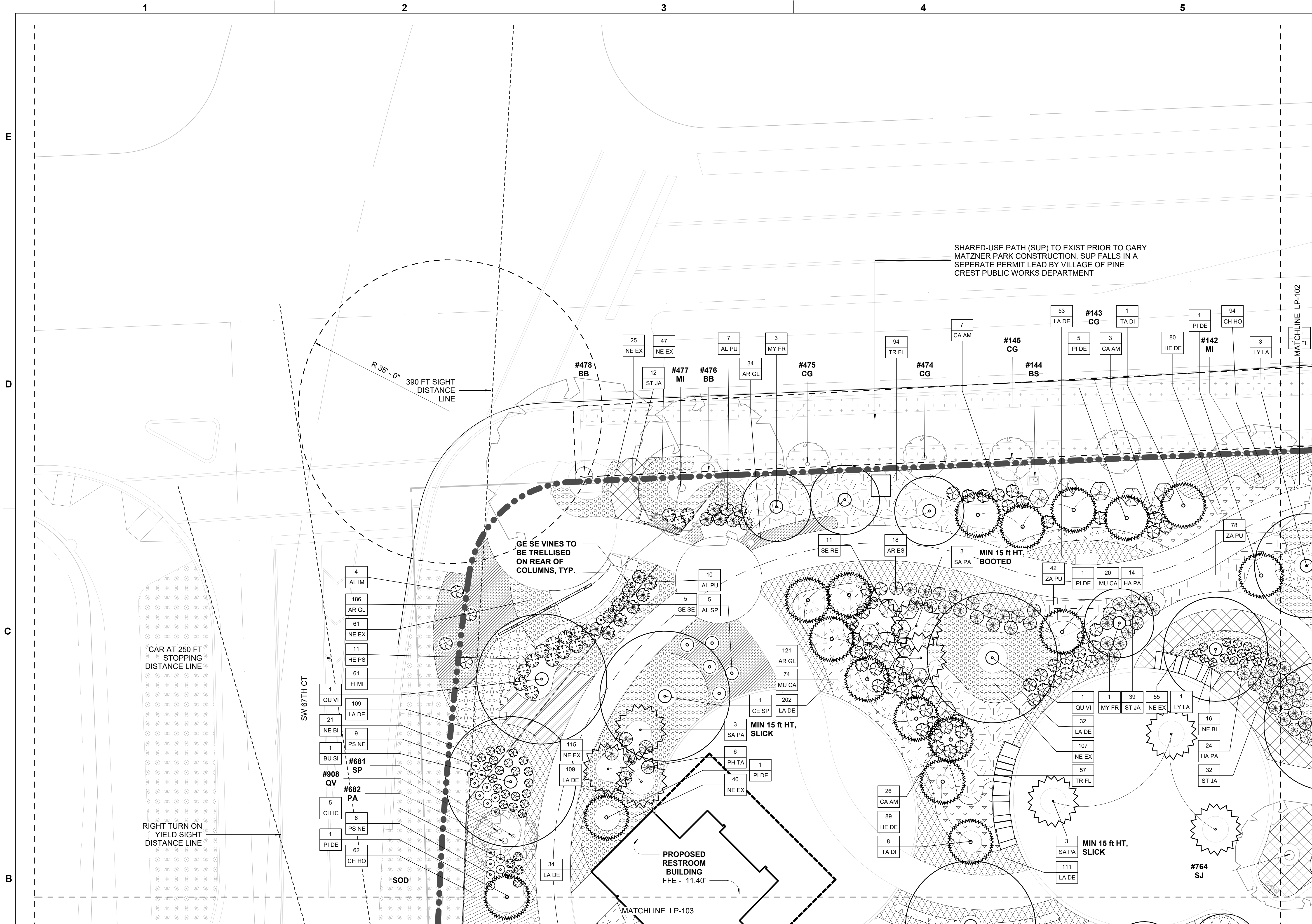
SHEET TITLE
PLANTING
SCHEDULE

SHEET
NUMBER
LP-002

KEITH PROJECT
NUMBER
13861.00

Drawing name: S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM, CAD, GIS\BIM\CAD Lin\LA\XS-GIMP-TTL.BK_Inst.dwg

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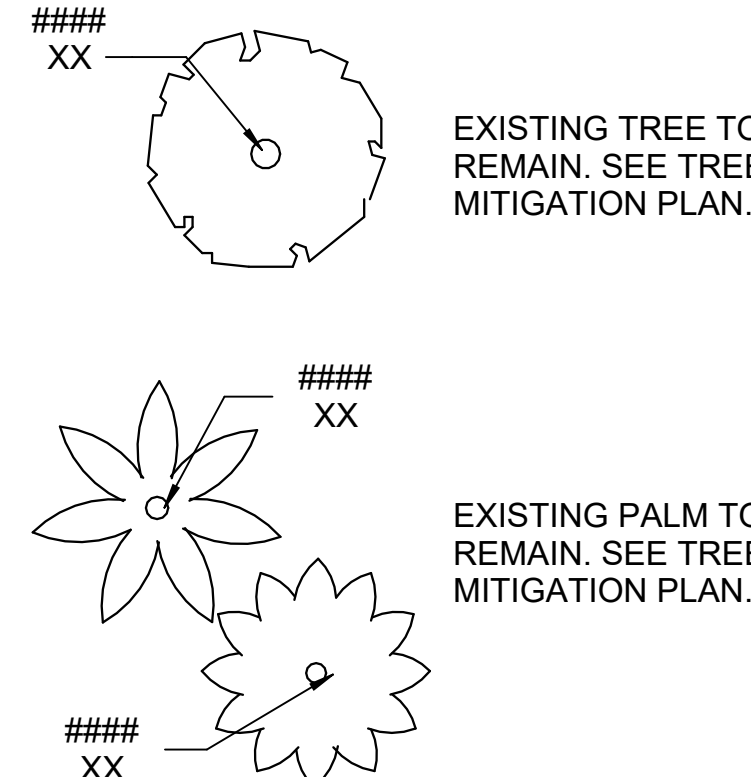
1 PLANTING PLAN - AREA 1
SCALE: 1" = 10'-0"

TREES					
CODE	BOTANICAL NAME	COMMON NAME	CONDITION	SIZE	COMMENTS
BU SI	Bursera simaruba	Gumbo Limbo	B&B 30"	12' HT X 5' SPRD	-
CE SP	Ceiba speciosa	Silk Floss Tree	B&B 30"	12' HT X 5' SPRD	-
CH OL	Chrysophyllum oliviforme	Satinleaf	B&B 30"	12' HT X 5' SPRD	-
CL RO	Clusia rosea	Pitch apple	B&B 30"	12' HT X 5' SPRD	-
CO NU	Cocos nucifera	Coconut Palm	B&B 30"	15' GW	SLICK
CO SE	Cordia sebestena	Geiger Tree	B&B 30"	12' HT X 5' SPRD	-
DE RE	Delonix regia	Royal Poinciana	B&B 30"	12' HT X 5' SPRD	-
LY LA	Lysiloma latisiliquum	Wild Tamarind	B&B 30"	12' HT X 5' SPRD	-
MY FR	Myrcianthes fragrans	Simpson's Stopper	B&B 30"	8-10' HT X 5' SPRD	-
PI DE	Pinus elliotii var. densa	South Florida Slash Pine	B&B 30"	10'-14' HT X 6' SPRD	VARY HEIGHT PER PLAN
QU VI	Quercus virginiana	Live Oak	B&B 30"	12' HT X 5' SPRD	-
SA PA	Sabal palmetto	Sabal palm	B&B 30"	10'-18' HT	VARY HEIGHT PER PLAN, SLICK
SW MI	Swietenia mahagoni	Mahogany	B&B 30"	12' HT X 5' SPRD	-
TA DI	Taxodium distichum	Bald Cypress	B&B 30"	10'-14' HT X 6' SPRD	VARY HEIGHT PER PLAN
VE AR	Veitchia arcina	Montgomery Palm	B&B 30"	15' GW	TRIPLE

SHRUBS			
CODE	BOTANICAL NAME	COMMON NAME	SIZE
AL IM	Alcantarea imperialis	Imperial Bromeliad	
AL SP	Alcantarea imperialis 'silver plum'	Giant Silver Plum Bromeliad	
AL PU	Alpinia purpurata	Red Ginger	30" HT x 30" SPRD
AR ES	Ardisia escallonioides	Marlberry	24" HT x 24" SPRD
CA AM	Callicarpa americana	Beautyberry	24" HT x 18" SPRD
CH IC	Chrysobalanus icaco	Green cocoplum	24" HT x 24" SPRD
GE SE	Gelsemium sempervirens	Carolina jessamine	24" HT x 24" SPRD
HA PA	Hamelia patens 'compacta'	Dwarf Firebush	24" HT x 24" SPRD
HE PS	Heliconia psittacorum 'choconiana'	Heliconia	18" HT x 16" SPRD
HY LA	Hymenocallis latifolia	Spider Lily	16" HT x 16" SPRD
NE BI	Nephrolepis biserrata	Giant Sword Fern	24" HT x 24" SPRD
PH TA	Philodendron tatei 'rojo congo'	Rojo Congo Philodendron	
PS NE	Psychotria nervosa	Wild Coffee	24" HT x 24" SPRD
SA PA	Sabal palmetto	Sabal palm	10'-18' HT
SE RE	Serenoa repens	Saw palmetto	24" HT x 20" SPRD

PLANTING AREAS			
TYPE MARK	BOTANICAL NAME	COMMON NAME	SIZE
AR GL	Arachis glabrata	Perennial Peanut	12" HT x 16" SPRD
CH HO	Chrysobalanus icaco 'Horizontal'	Horizontal Cocoplum	24" HT x 24" SPRD
CO IC	Chrysobalanus icaco	Green Cocoplum	30" HT x 30" SPRD
DY HU	Dyschoriste humistrata	Twinflower	12" HT x 12" SPRD
FI MI	Ficus microcarpa	Green Island Ficus	12" HT x 12" SPRD
HE DE	Helianthus debilis	Dune Sunflower	12" HT x 16" SPRD
JA VO	Jasminum volubile	Wax Jasmine	12" HT x 16" SPRD
LA DE	Lantana depressa	Pineland Lantana	12" HT x 16" SPRD
MU CA	Muhlenbergia capillaris	Pink Muhly Grass	24" HT x 24" SPRD
NE EX	Nephrolepis exaltata	Sword Fern	12" HT x 14" SPRD
ST JA	Stachytarpheta jamaicensis	Blue porterweed	18" HT x 18" SPRD
TR FL	Tripsacum floridanum	Florida Gamagrass	24" HT x 24" SPRD
ZA PU		Cootnie	

EXISTING TREE LEGEND



PROJECT LEAD & CIVIL ENGINEERING:

KEITH

301 EAST ATLANTIC BLVD.
POMPANO BEACH, FL 33060
PH: (954) 788-3400

Florida Engineering Business License: CA7928
Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC22600457

LANDSCAPE ARCHITECT:

MKSK

801 INTERNATIONAL PARKWAY
LAKE MARY, FL 32746
407.871.9607
MKSKSTUDIOS.COM

ARCHITECT:

WA

WANNEMACHER, JENSEN ARCHITECTS
815 NORTHWEST 57 AVE. SUITE 219
MIAMI, FLORIDA 33126
727-922-5568
WJARC.COM AAO002277

MECHANICAL, PLUMBING, & ELECTRICAL ENGINEERING:

SGM ENGINEERING

5301 WATERFORD DISTRICT DR.
SUITE 750
954-421-1944
SGMENGINEERING.COM CA-00006208

REVISIONS		
NO.	DESCRIPTION	DATE
	ISSUED FOR BUILDING PERMIT	11/21/24
	REVISED FOR BUILDING PERMIT	01/10/25
Δ	BLDG PERMIT REV. 1	04/28/25

ISSUE DATE: 11/21/2024
DESIGNED BY: MATTHEW MANDA, PLA
DRAWN BY: HALEY WOLFE, PLA
CHECKED BY: JONATHAN PETRUSHKA, PLA



CLIENT

VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT

GARY MATZNER PARK

SHEET TITLE

PLANTING PLAN

SHEET NUMBER

LP-101

KEITH PROJECT NUMBER

13861.00

Drawing name: S:\Projects\3023\3023-18-Pinecrest, FL Gary Matzner Park Design\BIM, CAD, GIS\BIM\CAD Linework\PLANT\LP-101.dwg

STATUS:



①

BU SI	Bursera simaruba	Gumbo Limbo	B&B 30"	12' HT X 5' SPRD	-
CE SP	Ceiba speciosa	Silk Floss Tree	B&B 30"	12' HT X 5' SPRD	-
CH OL	Chrysophyllum oliviforme	Satinleaf	B&B 30"	12' HT X 5' SPRD	-
CL RO	Clusia rosea	Pitch apple	B&B 30"	12' HT X 5' SPRD	-
CO NU	Cocos nucifera	Coconut Palm	B&B 30"	15' GW	SLICK
CO SE	Cordia sebestena	Geiger Tree	B&B 30"	12' HT X 5' SPRD	-
DE RE	Delonix regia	Royal Poinciana	B&B 30"	12' HT X 5' SPRD	-
LY LA	Lysiloma latissiliquum	Wild Tamarind	B&B 30"	12' HT X 5' SPRD	-
MY FR	Mycianthes fragrans	Simpson's Stopper	B&B 30"	8-10' HT X 5' SPRD	-
PI DE	Pinus elliotti var. densa	South Florida Slash Pine	B&B 30"	10'-14' HT X 6' SPRD	VARY HEIGHT PER PLAN
QU VI	Quercus virginiana	Live Oak	B&B 30"	12' HT X 5' SPRD	-
SA PA	Sabal palmetto	Sabal palm	B&B 30"	10'-18' HT	VARY HEIGHT PER PLAN, SLICK
SW MA	Swietenia mahagoni	Mahogany	B&B 30"	12' HT X 5' SPRD	-
TA DI	Taxodium distichum	Bald Cypress	B&B 30"	10'-14' HT X 6' SPRD	VARY HEIGHT PER PLAN
VE AR	Veitchia arcinea	Montgomery Palm	B&B 30"	15' GW	TRIPLE

AL IM	Alcantarea imperialis	Imperial Bromeliad	
AL SP	Alcantarea imperialis 'silver plume'	Giant Silver Plum Bromeliad	
AL PU	Alpinia purpurata	Red Ginger	30" HT x 30" SPRD
AR ES	Ardisia escallonioides	Marlberry	24" HT x 24" SPRD
CA AM	Calliandra americana	Beautyberry	24" HT x 18" SPRD
CH IC	Chrysobalanus icaco	Green cocoplum	24" HT x 24" SPRD
GE SE	Gelsemium sempervirens	Carolina jessamine	24" HT x 24" SPRD
HA PA	Hamelia patens 'compact'	Dwarf Firebush	24" HT x 24" SPRD
HE PS	Heliconia pittacorum ' choconian'	Heliconia	18" HT x 16" SPRD
HY LA	Hymenocallis latifolia	Spider Lily	16" HT x 16" SPRD
NE BI	Nephrolepis biserrata	Giant Sword Fern	24" HT x 20" SPRD
PH TA	Philodendron tatei 'rojo congo'	Rojo Congo Philodendron	
PS NE	Psychotria nervosa	Wild Coffee	24" HT x 24" SPRD
SA PA	Sabal palmetto	Sabal palm	10'-18" HT
SE RE	Serenoa repens	Saw palmetto	24" HT x 20" SPRD

AR GL	Arachis glabrata	Perennial Peanut	12" HT x 16" SPRD
CH HO	Chrysobalanus icaco 'Horizontal'	Horizontal Cocoplum	24" HT x 24" SPRD
CO IC	Chrysobalanus icaco	Green Cocoplum	30" HT x 30" SPRD
DY HU	Dyschoriste humistrata	Twinnflower	12" HT x 12" SPRD
FI MI	Ficus microcarpa	Green Island Ficus	12" HT x 12" SPRD
HE DE	Helianthus debilis	Dune Sunflower	12" HT x 16" SPRD
JA VO	Jasminum volubile	Wax Jasmine	12" HT x 16" SPRD
LA DE	Lantana depressa	Pineland Lantana	12" HT x 16" SPRD
MU CA	Muhlenbergia capillaris	Pink Muhly Grass	24" HT x 24" SPRD
NE EX	Nephrolepis exaltata	Sword Fern	12" HT x 14" SPRD
ST JA	Stachytarpheta jamaicensis	Blue porterweed	18" HT x 18" SPRD
TR FL	Tripsacum floridanum	Florida Gramass	24" HT x 24" SPRD
ZA PU		Cootie	



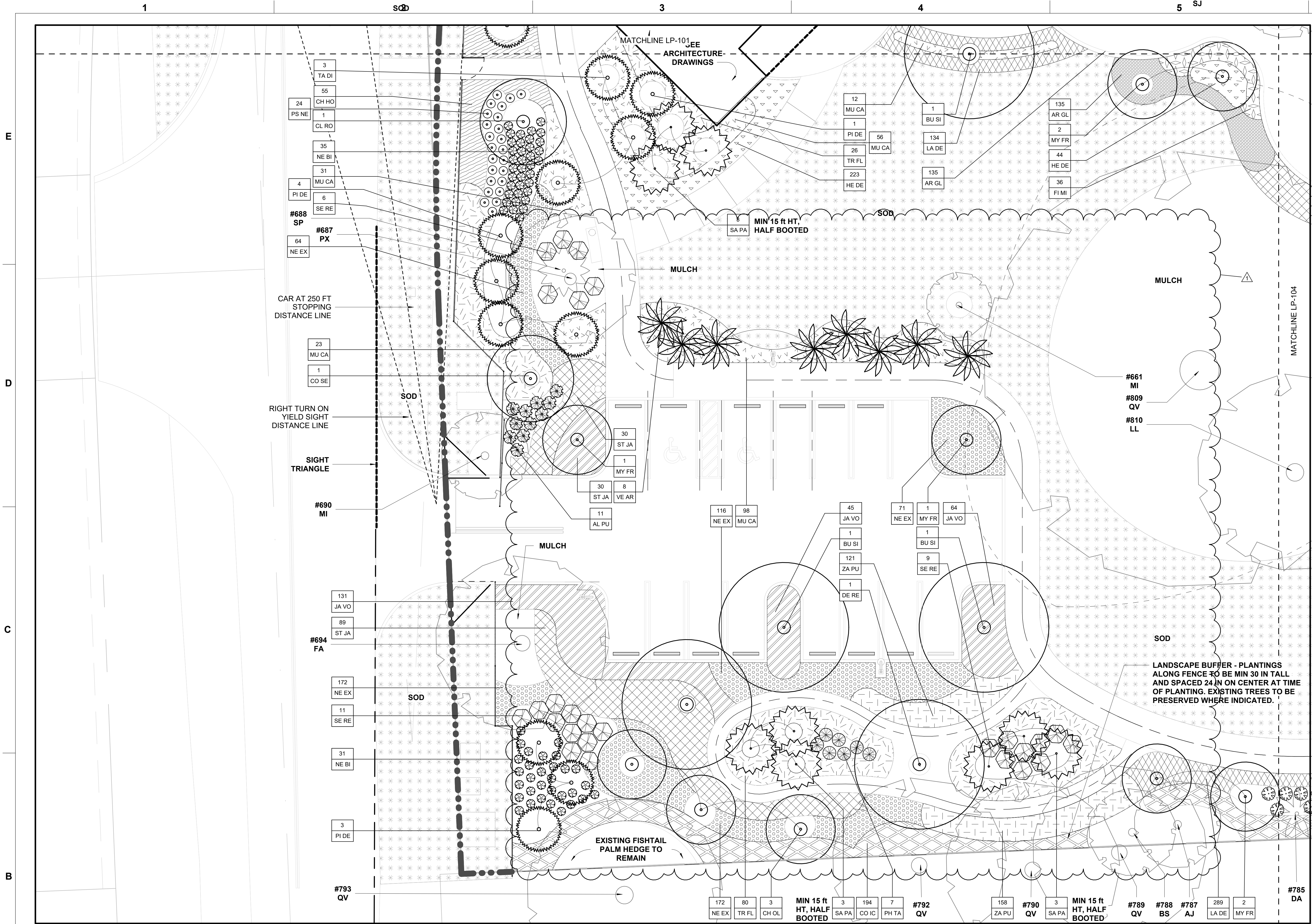
1. SECURE PLANT MATERIAL AS SPECIFIED ON PLANS. SUBSTITUTIONS FOR PLANT MATERIALS WILL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL BY THE LANDSCAPE ARCHITECT.
2. PROVIDE PLANT SAMPLES OR PHOTOGRAPHS OF EACH PLANT SPECIFIED TO THE LANDSCAPE ARCHITECT FOR COMPLIANCE REVIEW PRIOR TO INSTALLATION.
3. PROTECT PLANT MATERIAL DURING DELIVERY TO PREVENT DAMAGE TO ROOT BALLS, TRUNKS, BRANCHES AND THE DESICCATION OF LEAVES. PROTECT PLANT MATERIAL DURING SHIPPING WITH SHADE CLOTH OR SHIP WITH ENCLOSED TRANSPORT. MAINTAIN PROTECTIONS AND HEALTH OF PLANT MATERIAL STORED ON SITE. HANDLE TREES WITH NYLON STRAPS. NO CHAINS OR CABLES WILL BE ALLOWED. REMOVE UNACCEPTABLE PLANT MATERIAL IMMEDIATELY FROM THE SITE.
4. PLANT MATERIAL DELIVERED TO THE SITE IS SUBJECT TO THE REVIEW OF THE LANDSCAPE ARCHITECT BEFORE, DURING AND AFTER INSTALLATION.
5. VERIFY PLANTING PRODUCTS, PLANT MATERIAL, AND PLANT QUANTITIES DELIVERED TO THE SITE MATCH WHAT IS INDICATED ON THE PLANS.
6. STAKE BED LINES AND TREE LOCATIONS FOR THE LANDSCAPE ARCHITECT'S REVIEW PRIOR TO INSTALLATION. PLANTING PROCEDURES ARE SUBJECT TO THE REVIEW OF THE LANDSCAPE ARCHITECT AND THE CONTRACTOR SHALL CORRECT ANY DEFICIENCIES FOUND AT NO ADDITIONAL COST TO THE OWNER.
7. REFER TO THE PLANTING DETAILS FOR MINIMUM SIZE AND WIDTH OF PLANTING PITS AND BEDS, GUYING AND STAKING, MULCHING, AND OTHER PLANTING REQUIREMENTS.
8. ROOT BALLS SHALL CONFORM TO THE SIZE STANDARDS SET FORTH IN "AMERICAN STANDARDS FOR NURSERY STOCK".
9. TEST FILM EACH TREE AND PLANTING PIT WITH WATER, PRIOR TO PLANTING TO ASSURE PROPER SOIL PERCOLATION. PITS WHICH DO NOT ADEQUATELY DRAIN SHALL BE FURTHER SCARIFIED ALONG OUTER EDGES AND SIDES OF PIT. DO NOT DISCARD TREE OR PLANTING TREE BALL. REPEAT TEST. ALLOWANCES WILL NOT BE MADE FOR PLANT MATERIAL LOSS DUE TO IMPROPER DRAINAGE.
10. PLANT MATERIALS, INCLUDING RELOCATED PLANT MATERIAL, SHALL BE PLANTED IN A PROFESSIONAL MANNER TYPICAL TO THE INDUSTRY STANDARDS OF THE AREA TO ASSURE COMPLETE SURVIVABILITY OF PLANT MATERIALS AS WELL AS TO PROVIDE AN AESTHETICALLY APPROVED PROJECT.
11. REMOVE PLANTING AND LANDSCAPE DEBRIS FROM THE PROJECT SITE AND SWEEP AND WASH CLEAN PAVED AND FINISHED SURFACES AFFECTED BY THE LANDSCAPE INSTALLATION.
12. PLANTING AREAS SHALL BE WEED FREE PRIOR TO PLANTING INSTALLATION AND MAINTAINED WEED FREE THROUGH FINAL ACCEPTANCE.
13. SO D TO BE BAHIA UNLESS OTHERWISE NOTED. CONTRACTOR TO DETERMINE QUANTITY.
14. ALL PLANTS TO BE FLORIDA NO. 1 OR BETTER PER FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS.
15. ALL SO D AND LANDSCAPE TO RECEIVE 100% COVERAGE WITH 100% OVERLAP FROM AN AUTOMATIC IRRIGATION SYSTEM USING AN APPROVED WATER SOURCE.

Diagram showing two existing trees (a tree and a palm) with a proposed mitigation plan. The trees are labeled "EXISTING TREE TO REMAIN. SEE TREE MITIGATION PLAN." and the proposed mitigation plan is indicated by a line and the text "XXXX XX".

KEITH PROJECT
NUMBER 13861.00

Drawing name S:\Projects\2023\s23738-Pinecrest, Fl. Gary Matzner Park Design\BIM CAD GIS\BIM\CAD Links\XR-GMP-TT1 BK test.dwg

STATUS:



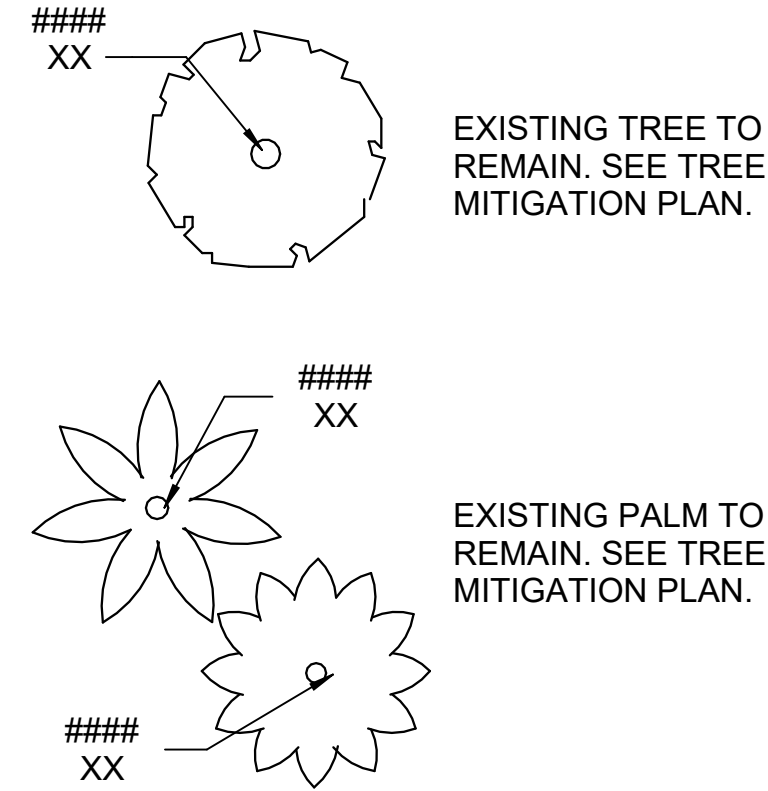
1 PLANTING PLAN - AREA 3
SCALE: 1" = 10'-0"

TREES					
CODE	BOTANICAL NAME	COMMON NAME	CONDITION	SIZE	COMMENTS
BU SI	Bursera simaruba	Gumbo Limbo	B&B 30"	12' HT X 5' SPRD	-
CE SP	Ceiba speciosa	Silk Floss Tree	B&B 30"	12' HT X 5' SPRD	-
CH OL	Chrysophyllum oliviforme	Satinleaf	B&B 30"	12' HT X 5' SPRD	-
CL RO	Clusia rosea	Pitch apple	B&B 30"	12' HT X 5' SPRD	-
CO NU	Cocos nucifera	Coconut Palm	B&B 30"	15' GW	SLICK
CO SE	Cordia sebestena	Geiger Tree	B&B 30"	12' HT X 5' SPRD	-
DE RE	Delonix regia	Royal Poinciana	B&B 30"	12' HT X 5' SPRD	-
LY LA	Lysiloma latisilicium	Wild Tamarind	B&B 30"	12' HT X 5' SPRD	-
MY FR	Myrcianthes fragrans	Simpson's Stopper	B&B 30"	8-10' HT X 5' SPRD	-
PI DE	Pinus elliotii var. densa	South Florida Slash Pine	B&B 30"	10'-14' HT X 6' SPRD	VARY HEIGHT PER PLAN
QU VI	Quercus virginiana	Live Oak	B&B 30"	12' HT X 5' SPRD	-
SA PA	Sabal palmetto	Sabal palm	B&B 30"	10'-18' HT	VARY HEIGHT PER PLAN, SLICK
SW MA	Swietenia mahagoni	Mahogany	B&B 30"	12' HT X 5' SPRD	-
TA DI	Taxodium distichum	Bald Cypress	B&B 30"	10'-14' HT X 6' SPRD	VARY HEIGHT PER PLAN
VE AR	Veitchia arcina	Montgomery Palm	B&B 30"	15' GW	TRIPLE

SHRUBS			
CODE	BOTANICAL NAME	COMMON NAME	SIZE
AL IM	Alcantarea imperialis	Imperial Bromeliad	
AL SP	Alcantarea imperialis 'silver plum'	Giant Silver Plum Bromeliad	
AL PU	Alpinia purpurata	Red Ginger	30" HT x 30" SPRD
AR ES	Ardisia escallonioides	Marlberry	24" HT x 24" SPRD
CA AM	Callicarpa americana	Beautyberry	24" HT x 18" SPRD
CH IC	Chrysobalanus icaco	Green cocoplum	24" HT x 24" SPRD
GE SE	Gelsemium sempervirens	Carolina jessamine	24" HT x 24" SPRD
HA PA	Hamelia patens 'compacta'	Dwarf Firebush	24" HT x 24" SPRD
HE PS	Heliconia psittacorum 'choconiana'	Heliconia	18" HT x 16" SPRD
HY LA	Hymenocallis latifolia	Spider Lily	16" HT x 16" SPRD
NE BI	Nephrolepis biserrata	Giant Sword Fern	24" HT x 24" SPRD
PH TA	Philodendron tatei 'rojo congo'	Rojo Congo Philodendron	
PS NE	Psychotria nervosa	Wild Coffee	24" HT x 24" SPRD
SA PA	Sabal palmetto	Sabal palm	10'-18' HT
SE RE	Serenoa repens	Saw palmetto	24" HT x 20" SPRD

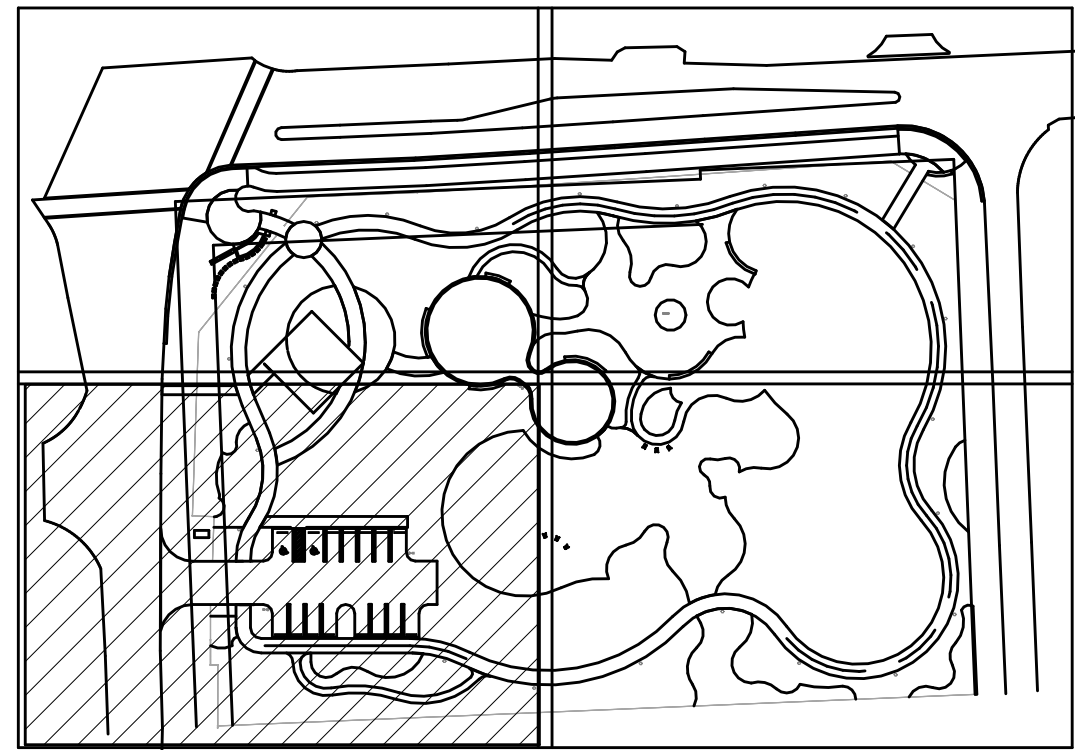
PLANTING AREAS			
TYPE MARK	BOTANICAL NAME	COMMON NAME	SIZE
AR GL	Arachis glabrata	Perennial Peanut	12" HT x 16" SPRD
CH HO	Chrysobalanus icaco 'Horizontal'	Horizontal Cocoplum	24" HT x 24" SPRD
CO IC	Chrysobalanus icaco	Green Cocoplum	30" HT x 30" SPRD
DY HU	Dyschoriste humistrata	Twinflower	12" HT x 12" SPRD
FI MI	Ficus microcarpa	Green Island Ficus	12" HT x 12" SPRD
HE DE	Helianthus debilis	Dune Sunflower	12" HT x 16" SPRD
JA VO	Jasminum volubile	Wax Jasmine	12" HT x 16" SPRD
LA DE	Lantana depressa	Pineland Lantana	12" HT x 16" SPRD
MU CA	Muhlenbergia capillaris	Pink Muhly Grass	24" HT x 24" SPRD
NE EX	Nephrolepis exaltata	Sword Fern	12" HT x 14" SPRD
ST JA	Stachytarpheta jamaicensis	Blue porterweed	18" HT x 18" SPRD
TR FL	Tripsacum floridanum	Florida Gamagrass	24" HT x 24" SPRD
ZA PU		Cootnie	

EXISTING TREE LEGEND



PLANTING NOTES

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KEY PLAN

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Δ	BLOG PERMIT REV. 1	04/28/25

ISSUE DATE: 11/21/2024

DESIGNED BY: MATTHEW MANDA, PLA

DRAWN BY: HALEY WOLFE, PLA

CHECKED BY: JONATHAN PETRUSHKA, PLA



Digitally signed by Matthew W. Manda
Date: 2025.08.19 09:52:51 -0400

CLIENT

**VILLAGE OF
PINECREST**
PINECREST PARKS & RECREATION

PROJECT

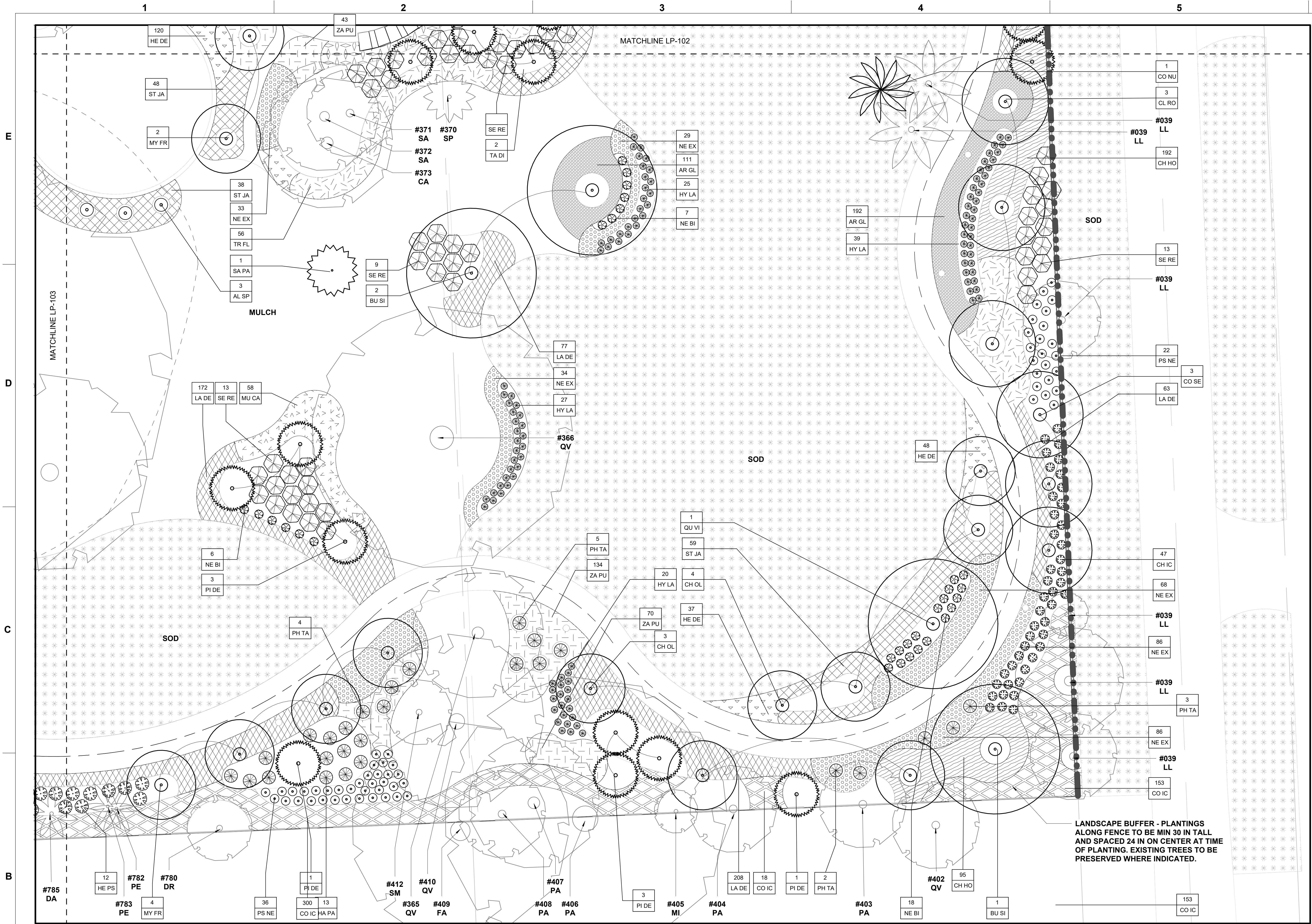
**GARY MATZNER
PARK**

SHEET TITLE

**PLANTING
PLAN**

SHEET
NUMBER **LP-103**

KEITH PROJECT
NUMBER **13861.00**



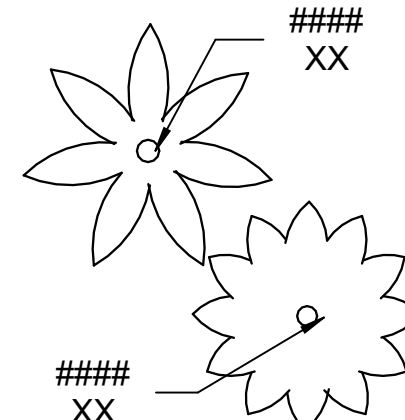
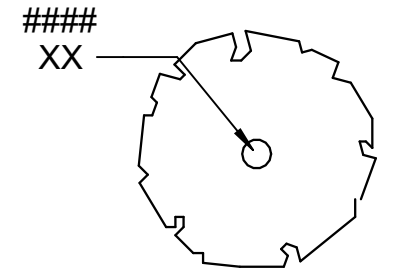
1 PLANTING PLAN - AREA 4
SCALE: 1" = 10'-0"

TREES					
CODE	BOTANICAL NAME	COMMON NAME	CONDITION	SIZE	COMMENTS
BU SI	Bursera simaruba	Gumbo Limbo	B&B 30"	12' HT X 5' SPRD	-
CE SP	Ceiba speciosa	Silk Floss Tree	B&B 30"	12' HT X 5' SPRD	-
CH OL	Chrysophyllum oliviforme	Satinleaf	B&B 30"	12' HT X 5' SPRD	-
CL RO	Clusia rosea	Pitch apple	B&B 30"	12' HT X 5' SPRD	-
CO NU	Cocos nucifera	Coconut Palm	B&B 30"	15' GW	SLICK
CO SE	Cordia sebestena	Geiger Tree	B&B 30"	12' HT X 5' SPRD	-
DE RE	Delonix regia	Royal Poinciana	B&B 30"	12' HT X 5' SPRD	-
LY LA	Lysiloma latisilquum	Wild Tamarind	B&B 30"	12' HT X 5' SPRD	-
MY FR	Myrcianthes fragrans	Simpson's Stopper	B&B 30"	8-10' HT X 5' SPRD	-
PI DE	Pinus elliotii var. densa	South Florida Slash Pine	B&B 30"	10'-14' HT X 6' SPRD	VARY HEIGHT PER PLAN
QU VI	Quercus virginiana	Live Oak	B&B 30"	12' HT X 5' SPRD	-
SA PA	Sabal palmetto	Sabal palm	B&B 30"	10'-18' HT	VARY HEIGHT PER PLAN, SLICK
SW MA	Swietenia mahagoni	Mahogany	B&B 30"	12' HT X 5' SPRD	-
TA DI	Taxodium distichum	Bald Cypress	B&B 30"	10'-14' HT X 6' SPRD	VARY HEIGHT PER PLAN
VE AR	Veitchia arcina	Montgomery Palm	B&B 30"	15' GW	TRIPLE

SHRUBS			
CODE	BOTANICAL NAME	COMMON NAME	SIZE
AL IM	Alcantarea imperialis	Imperial Bromeliad	
AL SP	Alcantarea imperialis 'silver plum'	Giant Silver Plum Bromeliad	
AL PU	Alpinia purpurata	Red Ginger	30" HT x 30" SPRD
AR ES	Ardisia escallonioides	Marlberry	24" HT x 24" SPRD
CA AM	Callicarpa americana	Beautyberry	24" HT x 18" SPRD
CH IC	Chrysobalanus icaco	Green cocoplum	24" HT x 24" SPRD
GE SE	Gelsemium sempervirens	Carolina jessamine	24" HT x 24" SPRD
HA PA	Hamelia patens 'compacta'	Dwarf Firebush	24" HT x 24" SPRD
HE PS	Heliconia psittacorum 'choconiana'	Heliconia	18" HT x 16" SPRD
HY LA	Hymenocallis latifolia	Spider Lily	16" HT x 16" SPRD
NE BI	Nephrolepis biserrata	Giant Sword Fern	24" HT x 24" SPRD
PH TA	Philodendron tatei 'rojo congo'	Rojo Congo Philodendron	
PS NE	Psychotria nervosa	Wild Coffee	24" HT x 24" SPRD
SA PA	Sabal palmetto	Sabal palm	10'-18' HT
SE RE	Serenoa repens	Saw palmetto	24" HT x 20" SPRD

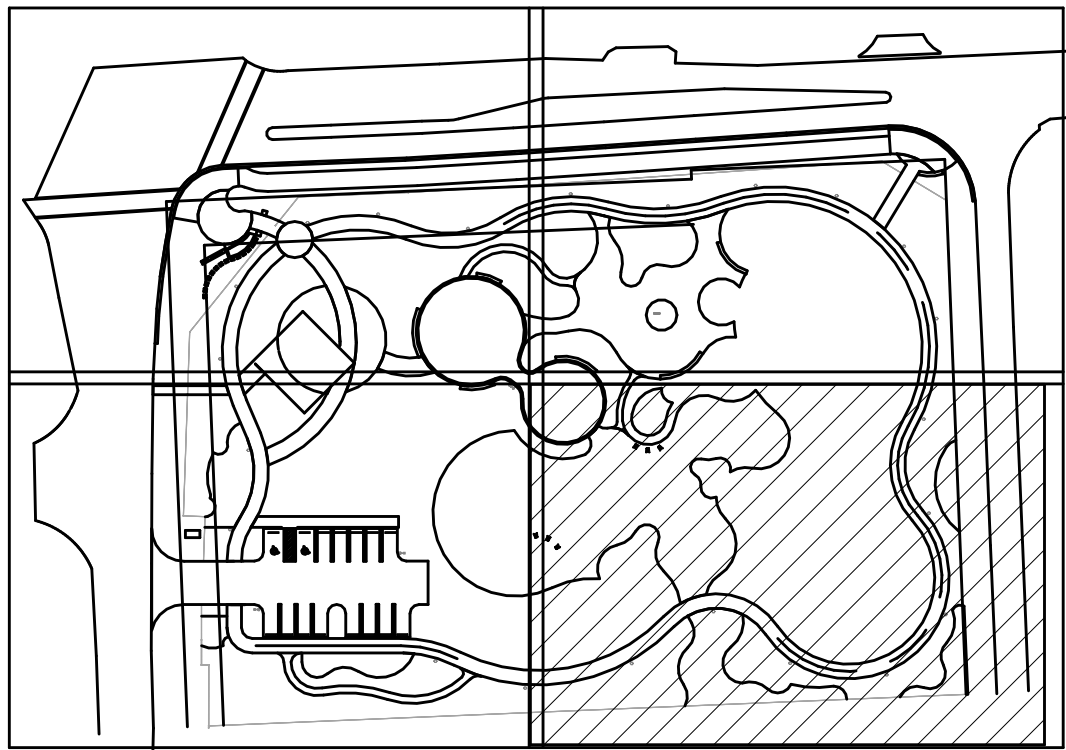
PLANTING AREAS			
TYPE MARK	BOTANICAL NAME	COMMON NAME	SIZE
AR GL	Arachis glabrata	Perennial Peanut	12" HT x 16" SPRD
CH HO	Chrysobalanus icaco	Horizontal Cocoplum	24" HT x 24" SPRD
CO IC	Chrysobalanus icaco	Green Cocoplum	30" HT x 30" SPRD
DY HU	Dyschoriste humistrata	Twinflower	12" HT x 12" SPRD
FI MI	Ficus microcarpa	Green Island Ficus	12" HT x 12" SPRD
HE DE	Helianthus debilis	Dune Sunflower	12" HT x 16" SPRD
JA VO	Jasminum volubile	Wax Jasmine	12" HT x 16" SPRD
LA DE	Lantana depressa	Pineland Lantana	12" HT x 16" SPRD
MU CA	Muhlenbergia capillaris	Pink Muhly Grass	24" HT x 24" SPRD
NE EX	Nephrolepis exaltata	Sword Fern	12" HT x 14" SPRD
ST JA	Stachytarpheta jamaicensis	Blue porterweed	18" HT x 18" SPRD
TR FL	Tripsacum floridanum	Florida Gamagrass	24" HT x 24" SPRD
ZA PU		Cootnie	

EXISTING TREE LEGEND



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CHECKED BY: JONATHAN PETRUSHKA, P.E.



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PINECREST PARKS & RECREATION

PROJECT

**GARY MATZNER
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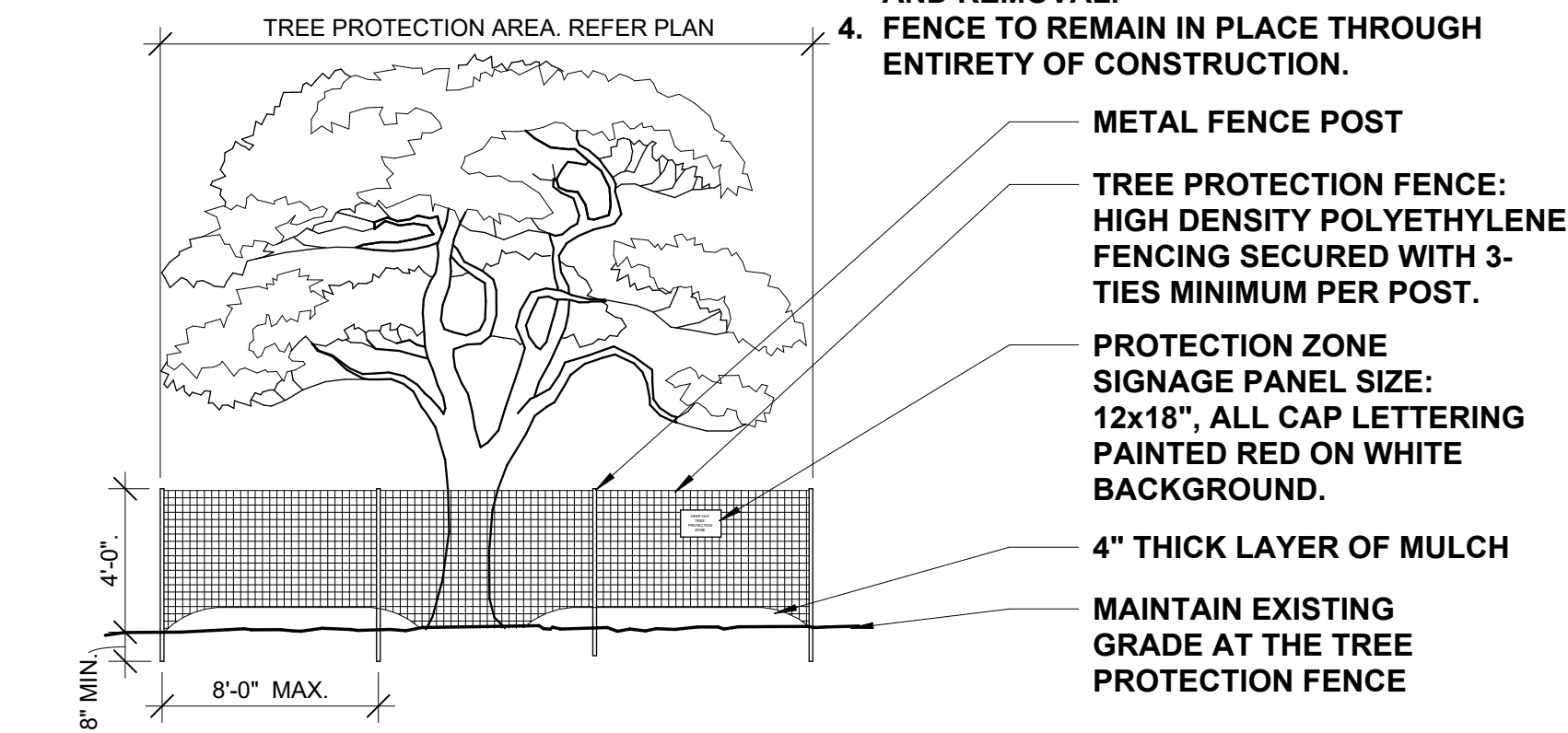
**PLANTING
PLAN**

SHEET
NUMBER **LP-104**

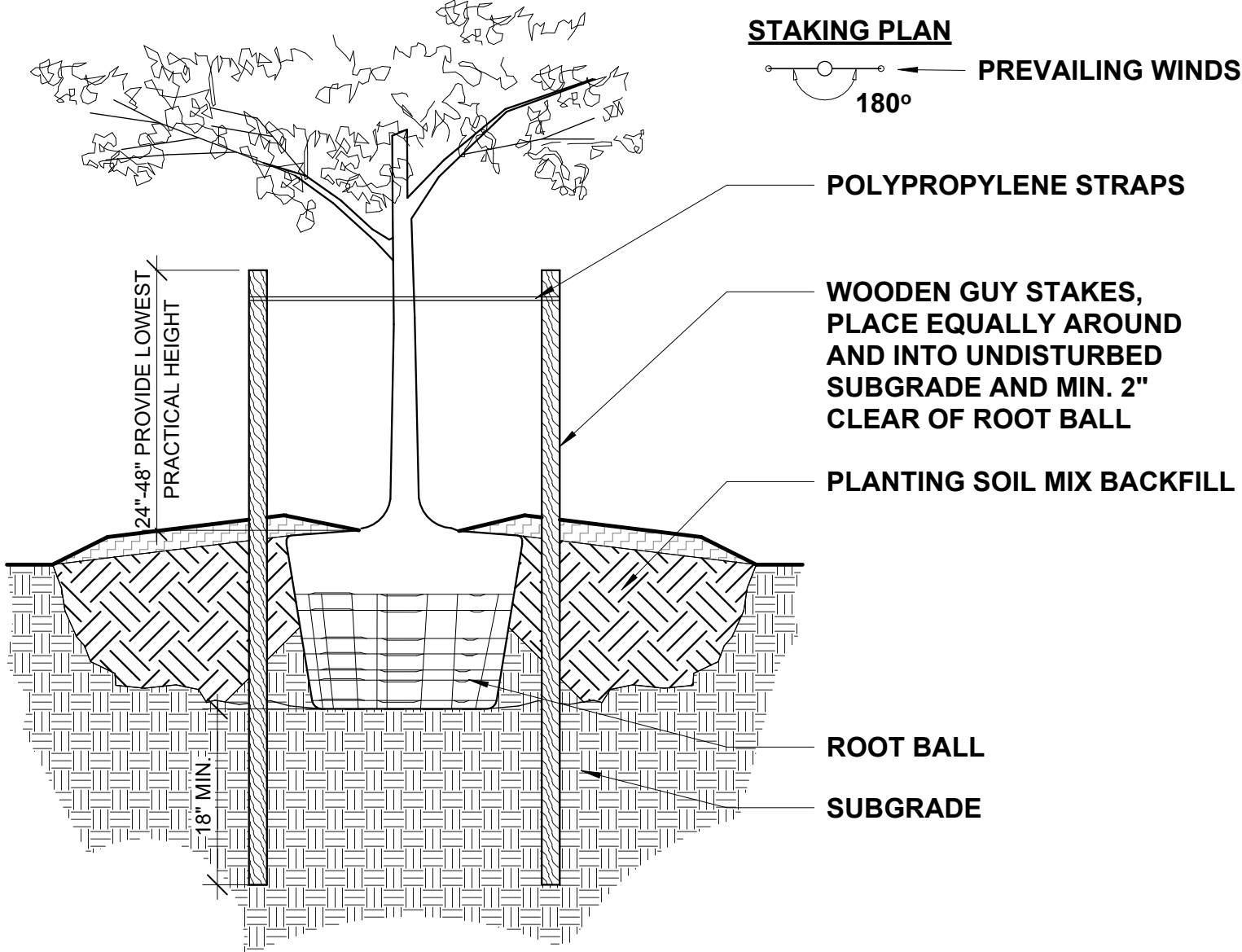
KEITH PROJECT
NUMBER **13861.00**

STATUS:

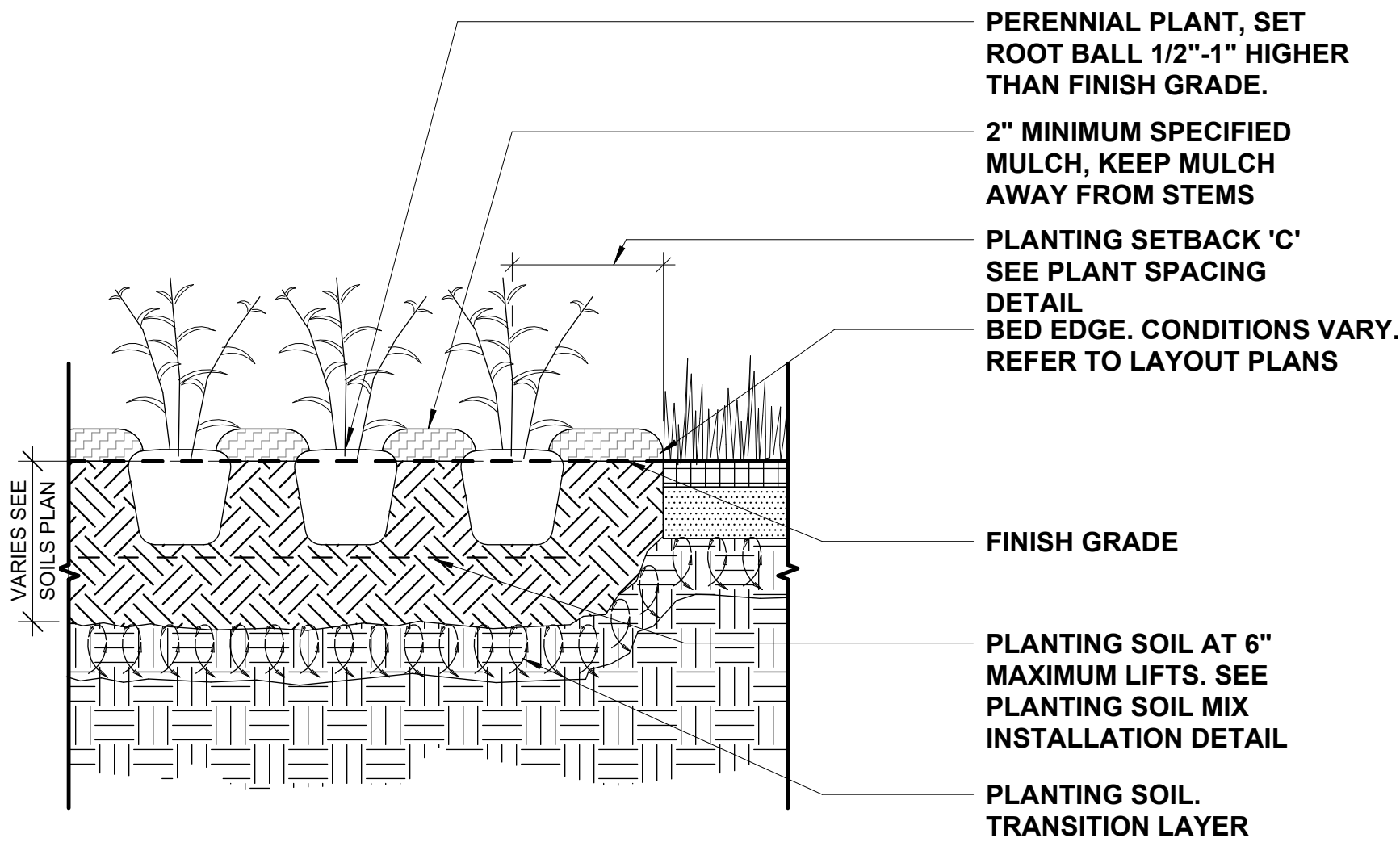
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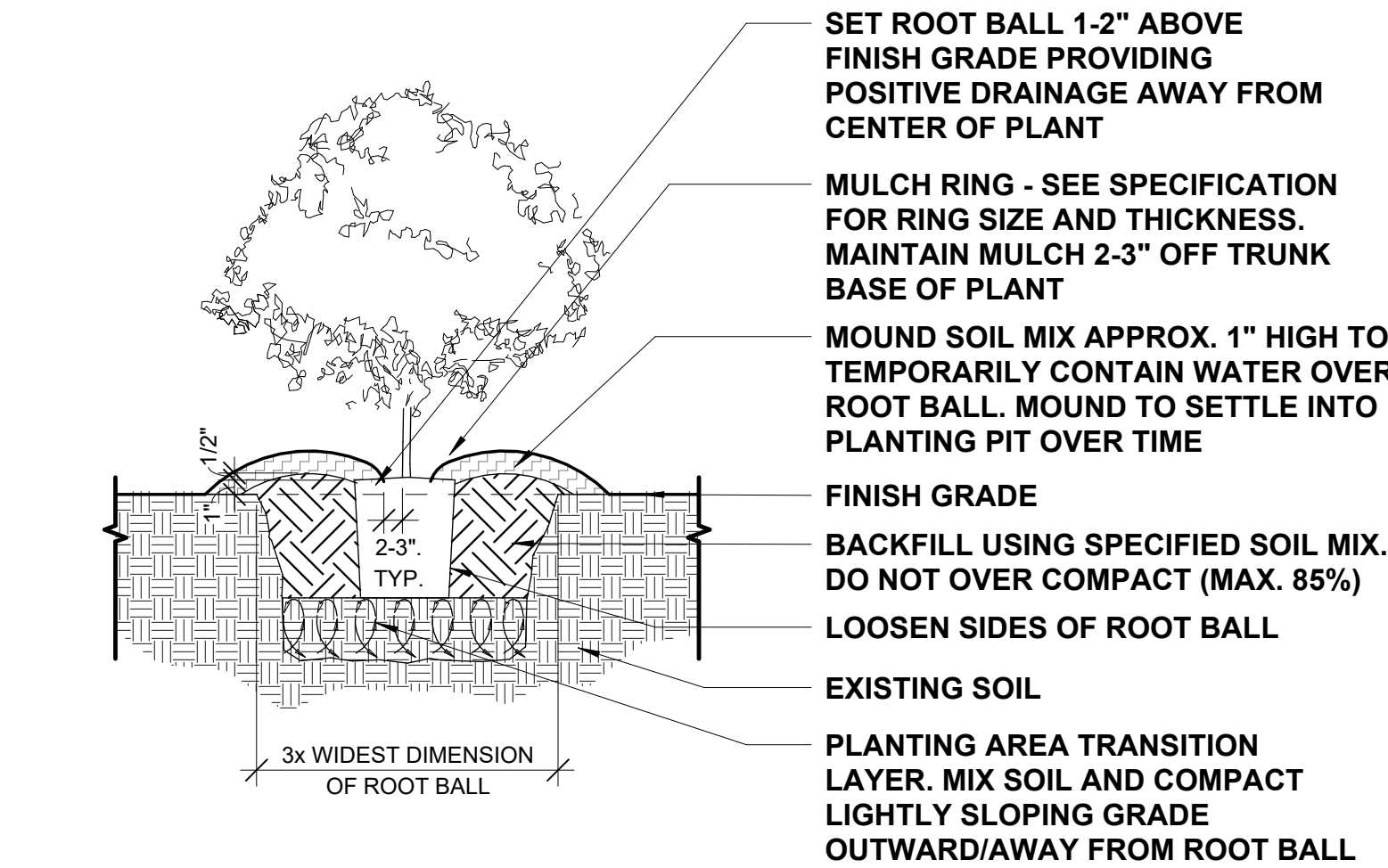
1 TREE PROTECTION ZONE
SCALE: N.T.S.



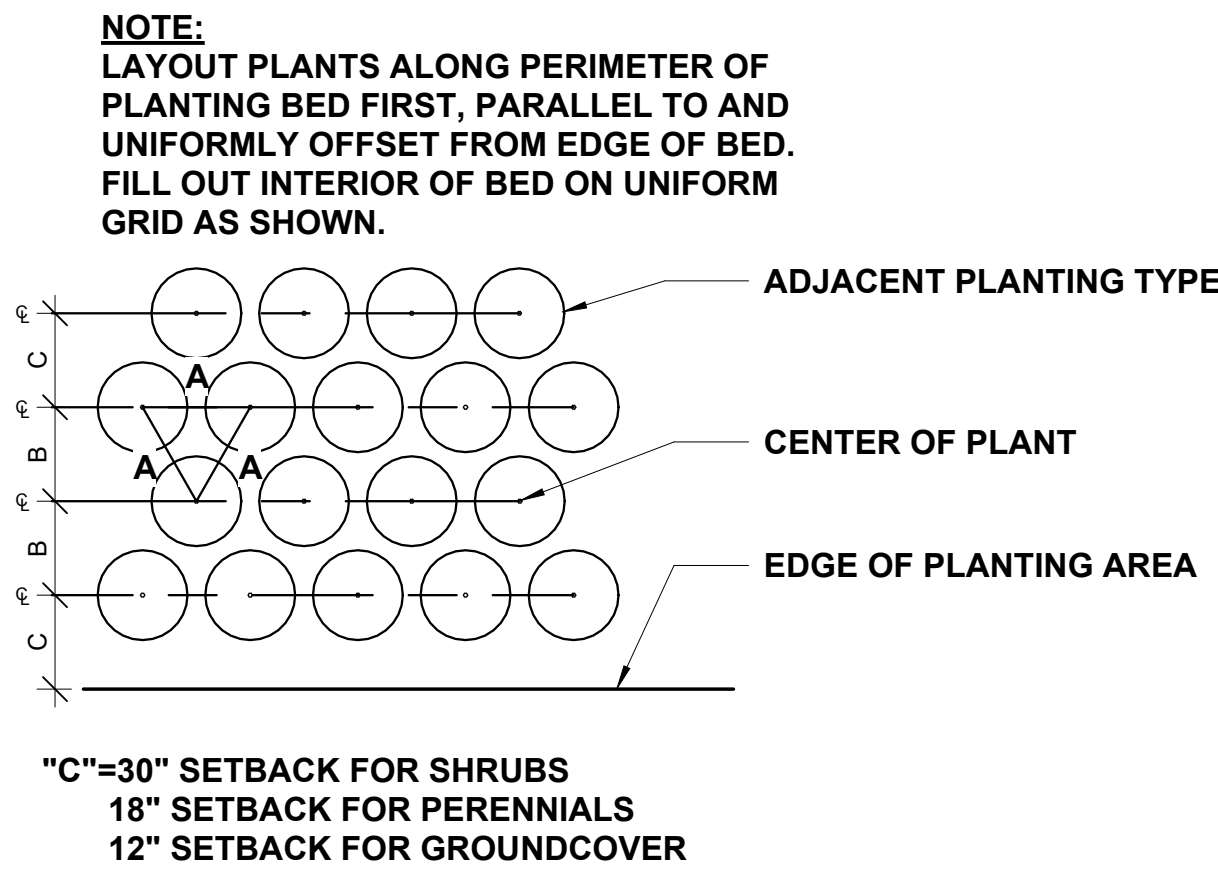
2 TREE PLANTING DETAIL (OPEN AREAS - LAWNS/MEADOWS)
SCALE: 3/4" = 1'-0"



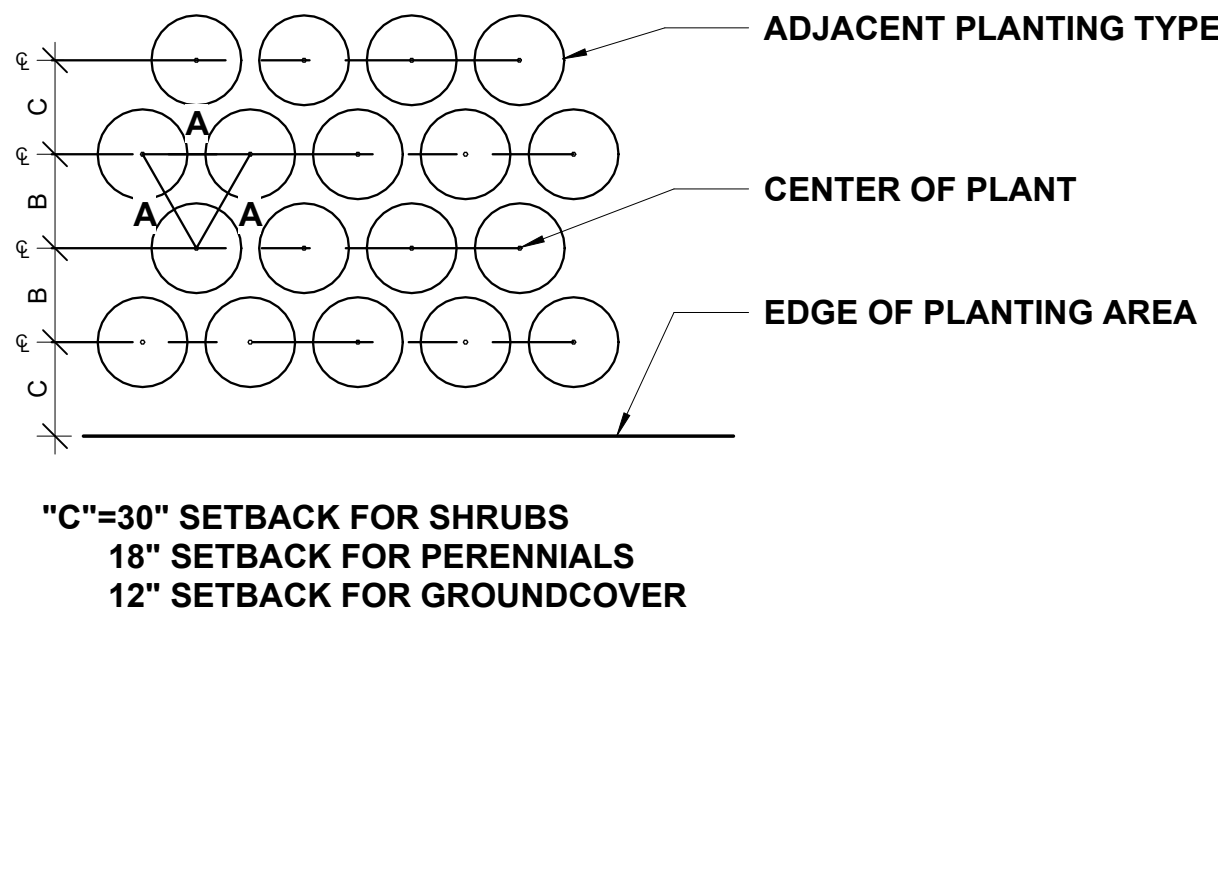
3 TREE STAKING DETAIL (3" CAL. OR LARGER)
SCALE: 3/4" = 1'-0"



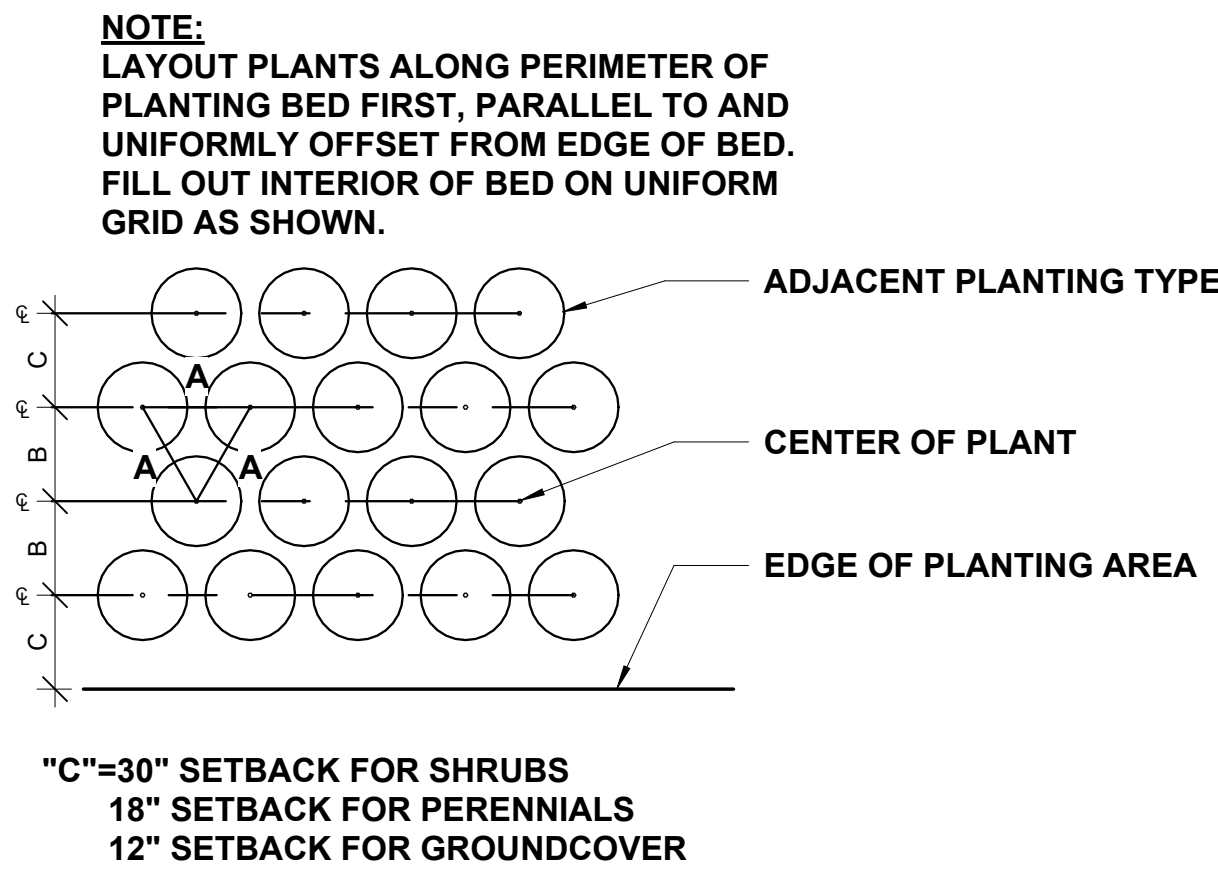
4 TREE STAKING DETAIL (3" CAL. OR SMALLER)
SCALE: 3/4" = 1'-0"



5 SHRUB PLANTING DETAIL (INDIVIDUAL PLANTING)
SCALE: 1" = 1'-0"



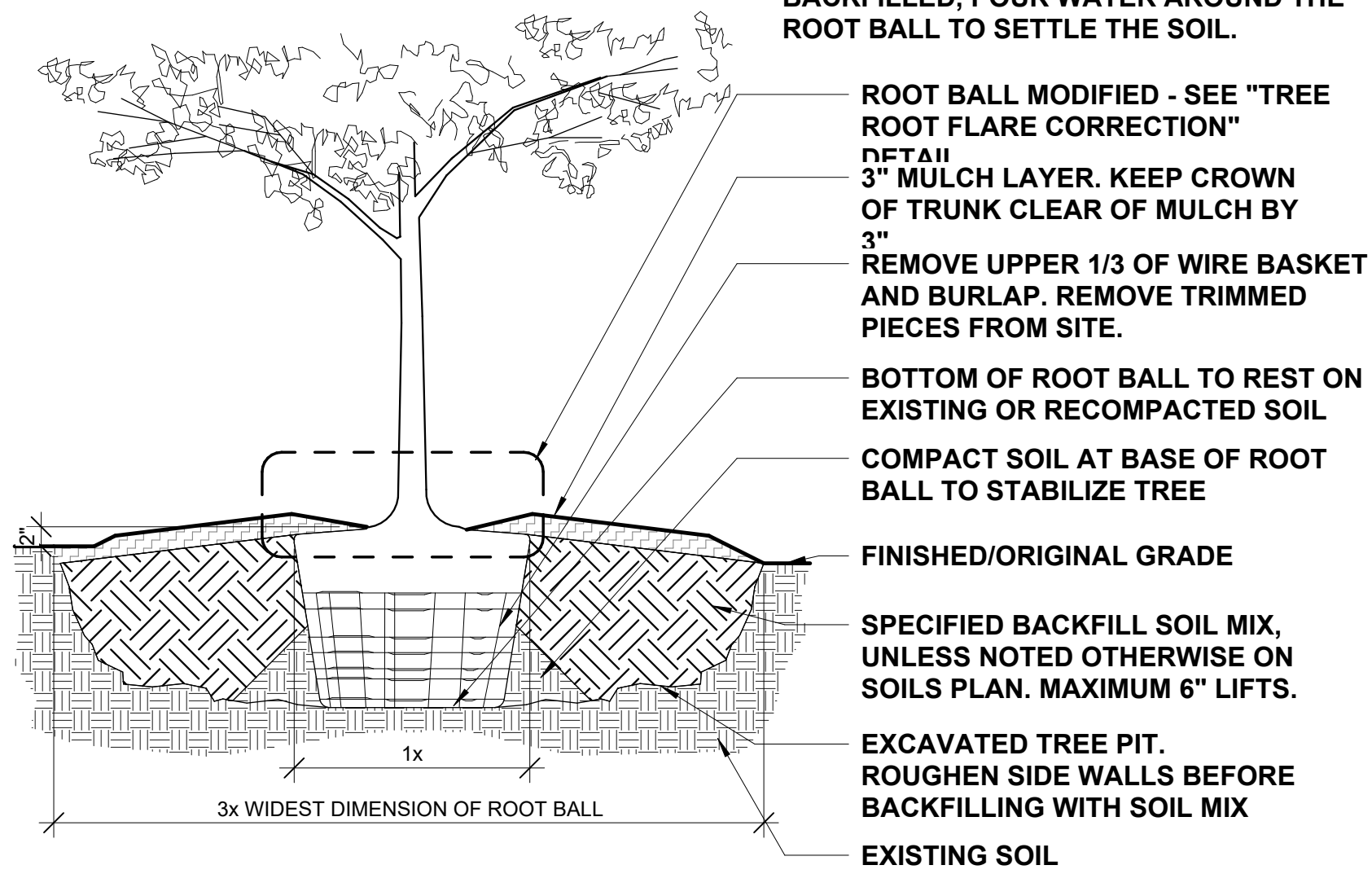
6 SHRUB PLANTING DETAIL (MASS PLANTING AND HEDGES)
SCALE: 1" = 1'-0"



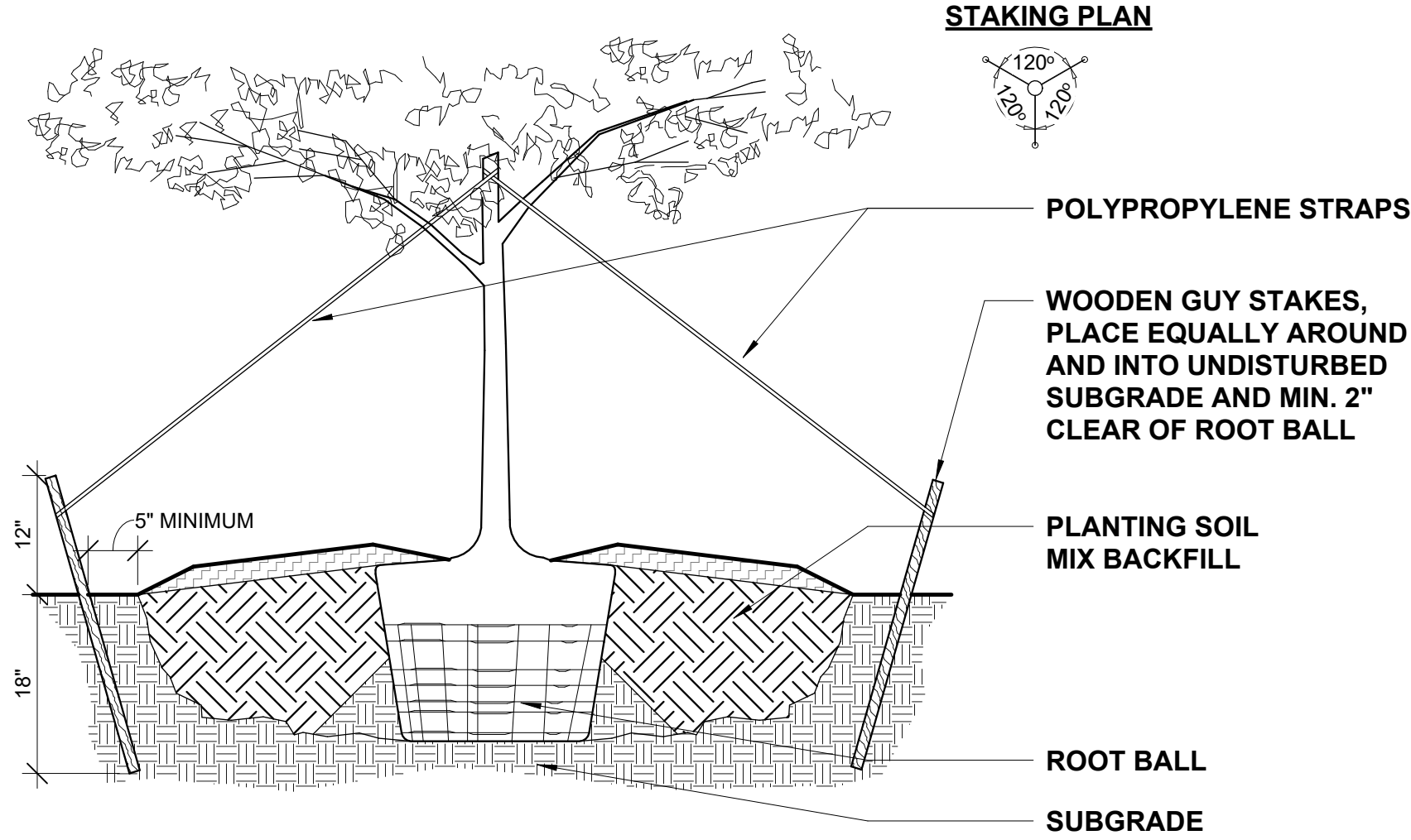
7 PERENNIAL PLANTING
SCALE: 1" = 1'-0"

8 PLANT SPACING, TYPICAL
SCALE: 1" = 1'-0"

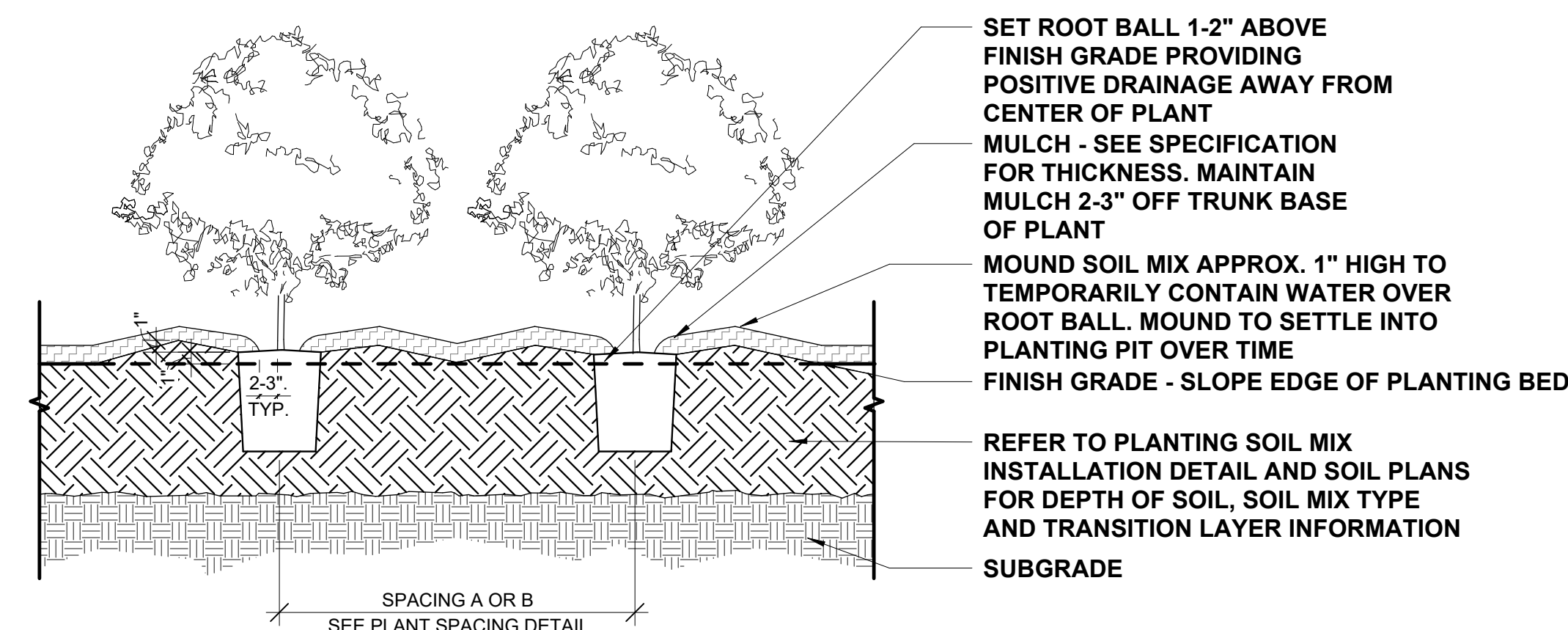
- NOTE:
1. POSITION CROWN OF ROOT BALL 2" ABOVE FINISHED GRADE AND ON-CENTER OF EXCAVATED HOLE.
 2. PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND THE ROOT BALL IN 6" LIFTS TO BRACE TREE. DO NOT OVER COMPACT. WHEN THE PLANTING HOLE HAS BEEN BACKFILLED, POUR WATER AROUND THE ROOT BALL TO SETTLE THE SOIL.



8 PLANT SPACING, TYPICAL
SCALE: 1" = 1'-0"



9 PERENNIAL PLANTING
SCALE: 1" = 1'-0"



10 PLANT SPACING, TYPICAL
SCALE: 1" = 1'-0"

TRIANGULAR SPACING = A	DISTANCE BETWEEN ROW=B	TOTAL AREA (SF) PER PLANT
6"	5"	0.21
8"	7"	0.39
9"	8"	0.50
10"	8 1/2"	0.59
12" (1')	10 1/2"	0.88
15"	13"	1.35
18"	15 1/2"	1.94
21"	18"	2.63
24" (2')	21"	3.50
30"	26"	5.42
36" (3')	31"	7.80
48" (4')	42"	13.84

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VILLAGE OF
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PROJECT

GARY MATZNER
PARK

SHEET TITLE

PLANTING
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SHEET
NUMBER

LP-501

KEITH PROJECT
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13861.00

Drawing name: S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM, CAD, GIS\BIM\CAD\Linna\VS-GMP-TTL.BK_Inst.dwg

STATUS: