GENERAL NOTES

A. BASE INFORMATION

1. THE BASE MAPPING / SURVEY WAS PREPARED BY INSERT COMPANY NAME, ADDRESS AND PHONE NUMBER. FIELD VERIFY EXISTING CONITIONS AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCING WITH WORK.

2. THE PLANS ASSUME THE LAYOUT AND STAKING WILL BE ACCOMPLISHED USING TOTAL STATIONING/ DIGITAL METHODS. ANY INFORMATION PROVIDED IS INTENDED TO SUPPORT INFORMATION ALREADY CONTAINED IN CAD FILES USED FOR DOCUMENTING LAYOUT AND STAKING. CAD FILES DELINEATING ALL GRADING AND HARDSCAPE ELEMENTS SHOWN IN THESE PLANS CAN BE PROVIDED TO THE CONTRACTOR UPON REQUEST.

3. NORTHING AND EASTING POINTS, WHERE SHOWN ARE BASED ON STATE PLANE COORDINATE SYSTEM AS REFERENCED FROM THE SITE SURVEY.

4. THE LIMIT OF CONSTRUCTION WORK LINE SHOWN DEFINES THE LIMITS OF WORK IN THIS CONTRACT. EROSION PROTECTION DEVICES AND UTILITY SYSTEMS MAY EXTEND BEYOND THE PROJECT LIMITS LINE IN ORDER TO SUCCESSFULLY COMPLETE OPERATIONS AND / OR TIE INTO ADJACENT SYSTEMS.

5. LIMITS OF CONSTRUCTION AND CONTRACTOR STAGING AREAS SHALL BE LIMITED TO AREAS DESIGNATED BY THE CONTRACT DOCUMENTS.

B. GENERAL REQUIREMENTS

1. CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH PROJECT DRAWINGS AND SPECIFICATIONS FOR ALL DIVISIONS OF WORK.

2. VERIFY EXISTING CONDITIONS AND NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCY BETWEEN THE PLANS AND ACTUAL SITE CONDITIONS. NO WORK SHALL BE PERFORMED WHERE SUCH DISCREPANCIES EXIST. COMMENCEMENT OF CONSTRUCTION INDICATES THE CONTRACTOR ACCEPTS THE ACTUAL SITE CONDITIONS AS MATCHING THE EXISTING CONDITIONS DEPICTED ON THE PROJECT DOCUMENTS AND ASSUMES FULL RESPONSIBILITY FOR ALL NECESSARY CORRECTIONS TO WORK CONSTRUCTED UNDER HIS CONTRACT.

3. PRIOR TO COMMENCING WORK, REPORT AND DOCUMENT ANY DAMAGE OF EXISTING SITE STRUCTURES AND AMENITIES "TO REMAIN" TO THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUBSEQUENT DAMAGE AT NO COST TO THE OWNER OR LANDSCAPE ARCHITECT.

4. COORDINATE WORK RELATED TO OTHER TRADES AND THE GENERAL CONSTRUCTION OF THE PROJECT. ALL MEANS, METHODS, SEQUENCING AND PROCEDURES OF THE WORK ARE THE RESPONSIBILITY OF THE CONTRACTOR.

5. VERIFY THE CONDITION AND COMPLETENESS OF ALL WORK PERFORMED BY OTHERS RELATED TO THEIR WORK RESPONSIBILITIES INCLUDING THE VERIFICATION OF EXISTING ELEVATIONS OR STRUCTURES PRIOR TO INITIATING CONSTRUCTION. IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE IF ANY SITE CONDITIONS ARE INCOMPLETE, MISSING OR DAMAGED.

6. NOTIFY OWNER'S REPRESENTATIVE 72 HOURS IN ADVANCE OF ANY PLANNED UTILITY INTERUPTION.

C. PROTECTION

1. CAREFULLY PRESERVE BENCHMARKS, PROPERTY CORNERS, REFERENCE POINTS, HUBS, STAKES AND OTHER SURVEY REFERENCE MONUMENTS OR MARKERS. IF ANY PINS OR MONUMENTS ARE DISTURBED, DAMAGED, OR DESTROYED BY THE CONTRACTOR, THEY SHALL BE ACCURATELY REPLACED BY A REGISTERED PROFESSIONAL SURVEYOR AT THE COMPLETION OF THE PROJECT AND AT THE CONTRACTOR'S EXPENSE.

2. KNOWN EXISTING UTILITY LINES ARE NOTED ON THE DRAWINGS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROTECTING THEM DURING EXCAVATION. ANY DAMAGE TO UTILITIES AND ANY OTHER PROPERTY TO REMAIN SHALL BE REPAIRED IN KIND. IF CONTRACTOR ENCOUNTERS ANY UNFORESEEN UTILITY, NOTIFY THE OWNER'S REPRESENTATIVE FOR FURTHER DIRECTION PRIOR TO PROCEEDING WITH THE WORK.

3. CONTACT FLORIDA POWER & LIGHT A MINIMUM OF 48 HOURS IN ADVANCE OF WORK TO BE PERFORMED WITHIN THE CONSTRUCTION SITE AND IS RESPONSIBLE FOR COORDINATING ANY RELOCATIONS OR ADJUSTMENT/REPLACEMENT OF AFFECTED UTILITIES AND APPURTENANCES.

4. OBTAIN PERMITS AND TEMPORARY EASEMENTS FOR THE WORK AS REQUIRED AND COMPLY WITH ALL LAWS, ORDINANCES, RULES AND REGULATIONS OF THE LOCAL JURISDICTION, THE STATE, AND ALL OTHER AUTHORITIES HAVING JURISDICTION.

5. INSTALL TEMPORARY FENCING AND MAINTAIN THE SOIL AND CRITICAL ROOT PROTECTION-ZONES AS INDICATED ON DRAWINGS. LANDSCAPE ARCHITECT TO APPROVE INSTALLATION OF FENCING BEFORE EQUIPMENT OR MATERIALS ARE BROUGHT ONTO THE SITE AND CONSTRUCTION OPERATIONS BEGIN

D. PUBLIC SAFETY

1. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM THE CITY AND AUTHORITIES HAVING JURISDICTION. FOLLOW MAINTENANCE OF TRAFFIC PLANS.

2. PROVIDE ALL NECESSARY SAFETY MEASURES DURING CONSTRUCTION OPERATIONS TO PROTECT THE PUBLIC ACCORDING TO ALL APPLICABLE CODES AND CITY PRACTICES. EGRESS AND INGRESS TO ALL BUILDINGS MUST BE MAINTAINED AT ALL TIMES.

3. PROVIDE FOR SAFE VEHICULAR AND PEDESTRIAN PASSAGE THROUGH THE CONSTRUCTION SITE AT ALL TIMES BY THE USE OF TRAFFIC CONTROL DEVICES, BARRICADES, SIGNAGE, PLATING, TEMPORARY ACCESS WALKS AND DRIVES, FLAGMEN OR OTHER RECOGNIZED PROTECTIVE METHODS.

4. CONTACT THE VILLAGE TRAFFIC DIVISION 72 HOURS IN ADVANCE OF ANY PROPOSED ROAD CLOSURES IN ORDER THAT THE PUBLIC AND SAFETY OFFICIALS CAN BE NOTIFIED. THE TRAFFIC DIVISION SHALL BE NOTIFIED OF ANY PROPOSED LANE CLOSURES NOTING THE ANTICIPATED DURATION OF SUCH CLOSURE AND THE TRAFFIC CONTROL MEASURES TO BE USED.

5. TAKE CORRECTIVE ACTIONS FOR TRAFFIC MAINTENANCE IMMEDIATELY AS DIRECTED

E. EROSION CONTROL

1. PROVIDE TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL ITEMS AS REQUIRED BY GOVERNING AGENCY, AS REQUIRED BY PERMIT, AS INDICATED ON THE PLANS, AND AS NOTED IN THE SPECIFICATIONS. INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS PRIOR TO CLEARING AND COMMENCING EARTHWORK.

2. MAINTAIN, KEEP CLEAN AND FULLY OPERATIONAL SITE DRAINAGE FACILITIES AND EXISTING EROSION AND SEDIMENT CONTROL MEASURES (SILT FENCE, ORANGE GEO FENCE AND/OR OTHER MEASURES) DURING CONSTRUCTION. PROVIDE ADDITIONAL MEASURES AS NECESSARY TO MINIMIZE ADVERSE IMPACTS TO THE ADJACENT WATER BODIES, SURFACES AND STORM SEWERS ACCORDING TO ALL APPLICABLE FEDERAL/STATE LAWS AND REGULATIONS.

3. STORMWATER BMP'S SHALL BE INSPECTED ONCE EVERY SEVEN DAYS, AND WITHIN 24 HOURS OF A 0.5 INCH OR GREATER RAINFALL, OR BY WHAT IS REQUIRED BY PERMIT, WHICHEVER IS GREATER. CLEAN SEDIMENT BASINS AND CATCH BASINS AS REQUIRED TO MAINTAIN EFFECTIVENESS OR AS DIRECTED.

F. SITE CLEANING

1. PROVIDE APPROPRIATE CONTROL MEASURES DURING CONSTRUCTION TO PREVENT AIRBORNE DUST TO ADJACENT CITY PROPERTIES AND WALKWAYS.

2. MAINTAIN THE CONSTRUCTION SITE AT ALL TIMES IN A PRESENTABLE CONDITION ACCEPTABLE TO THE VILLAGE UNTIL THE COMPLETION AND ACCEPTANCE OF THE PROJECT. MAINTAIN ADJOINING STREETS, SIDEWALKS AND DRIVES FREE OF SOIL, MUD AND EXCESS CONSTRUCTION MATERIALS. BROOM SWEEP OR WASH AS NEEDED OR DIRECTED.

3. REPAIR OR REPLACE DAMAGED UTILITIES, PAVEMENTS, STRUCTURES, LANDSCAPING, STREET SIGNS AND MONUMENTS WITHIN THE CONSTRUCTION SITE CAUSED BY THE CONTRACTOR, SUB CONTRACTOR, SUPPLIES OR WORKERS. SUCH REPAIR OR REPLACEMENT SHALL BE "IN-KIND" AS DIRECTED. PROTECT ALL WORK AND PROPERTY WITHIN THE CONSTRUCTION SITE.

4. REMOVE AND DISPOSE OF LEGALLY ALL RUBBISH AND CONSTRUCTION DEBRIS IMMEDIATELY, UNLESS OTHERWISE INDICATED ON DRAWINGS.

G. PROJECT SPECIFIC NOTES

1. CONTACT THE (VILLAGE ENGINEER'S) OFFICE 24 HOURS PRIOR TO ANY WORK BRING PERFORMED IN THE CONSTRUCTION SITE IN ORDER TO PROVIDE FOR INSPECTION. NO CONCRETE INSTALLATION IS TO BE PERFORMED WITHIN THE CONSTRUCTION SITE UNLESS AN INSPECTOR CONFIRMS THAT THE CONDITIONS AND REQUIREMENTS OF THESE SPECIFICATIONS.

2. CAREFULLY REMOVE, CLEAN AND PACK ITEMS DESIGNATED TO BE SALVAGED. TRANSPORT ITEMS TO OWNER.

LANDSCAPE SHEET INDEX

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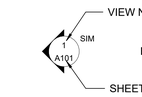
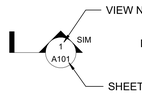
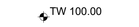
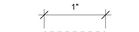
ABBREVIATIONS

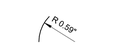
AB	ANCHOR BOLT
ADA	AMERICANS WITH DISABILITIES ACT
ADD	ADDENDUM
ADJ	ADJACENT
AGG	AGGREGATE
AL	ALIGN
ALT	ALTERNATE
ALUM	ALUMINUM
APPR	APPROXIMATE
ARCH	ARCHITECT
AUTO	AUTOMATIC
AWA	ALIGN WITH ARCHITECTURE
AWC	ALIGN WITH CENTER
B&B	BALLED AND BURLAPPED
BC	BACK OF CURB
BEL	BELOW
BET	BETWEEN
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK
BOT	BOTTOM
BR	BARE ROOT
BRK	BRICK
BS	BOTH SIDES
BTC	BOTTOM OF CURB
BTF	BOTTOM OF FOOTING
BTS	BOTTOM OF STEPS
BTW	BOTTOM OF WALL
BVL	BEVEL
BW	BACK OF WALL
BYND	BEYOND
CAL	CALIPER
CB	CATCH BASIN
CH	CHAMFER
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CRS	COURSE
CT	CLEAR TRUNK
CTR	CENTER
DBH	DIAMETER AT BREAST HEIGHT
DEM	DEMOLISH
DIA	DIAMETER
DIM	DIMENSION
DS	DOWNSPOUT
DTL	DETAIL
DWG	DRAWING
EA	EACH
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ENC	ENCLOSURE
ENG	ENGINEER
EOP	EDGE OF PAVEMENT
EQ	EQUAL
EQUIP	EQUIPMENT
EW	EACH WAY
EXT	EXISTING / EXTERIOR
FB	FACE OF BUILDING
FC	FACE OF CURB
FFE	FINISH FLOOR ELEVATION
FG	FINISH GRADE
FIN	FINISH
FW	FACE OF WALL
FT	FOOT/ FEET
FTG	FULL TO GROUND
FTR	FUTURE
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERAL
GRT	GRATE ELEVATION
HB	HOSE BIB
HC	HANDICAPPED
HORZ	HORIZONTAL
HP	HIGH POINT
HT	HEIGHT
ID	INSIDE DIAMETER
IDR	INLET DRAIN
IN	INCH/ S
INC	INCLUDED
INT	INTERIOR
INV	INVERT
JB	JUNCTION BOX
LP	LOW POINT
LT	LIGHT FIXTURE
MANF	MANUFACTURER
MAX	MAXIMUM
MECH	MECHANICAL
MED	MEDIUM
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MS	MULTI-STEM
NIC	NOT IN CONCTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
PCC	PRECAST CONCRETE
PERF	PERFORATED
PERP	PERPENDICULAR
PIP	POURED IN PLACE
PLT	PLANTING AREA
PLUM	PLUMBING
POB	POINT OF BEGINNING
PP	PEAT POTS
PPP	PLANTS PER POT
PROP	PROPOSED
PRTR	PRESERVATIVE TREATED
PT	POINT
PTP	PRESSURE TREATED PINE
PW	POTABLE WATER
PVMT	PAVEMENT
QC	QUICK COUPLER
QTY	QUANTITY
R	RADIUS
RD	ROUND
REINF	REINFORCED
REM	REMOVE
REQD	REQUIRED
REV	REVISION
RIM	RIM ELEVATION
SCH	SCHEDULE
SEC	SECTION
SHT	SHEET
SIM	SIMILAR
SNT	SEALANT
SPEC	SPECIFICATION
SPR	SPREAD
SS	STAINLESS STEEL
ST	SINGLE TRUNK
STD	STANDARD
STRUC	STRUCTURAL
SQ	SQUARE
TBD	TO BE DETERMINED
TC	TOP OF CURB
TCB	TOP OF COLUMN BASE
TCM	TOP OF COLUMN
TEMP	TEMPERATURE
TF	TOP OF FOOTING
TS	TOP OF STAIRS
TW	TOP OF WALL
TYP	TYPICAL
UC	UNDERCUT
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WLA	WATER LEVEL AVERAGE
WLS	WATER LEVEL STATIONARY
WM	WIRE MSH
WP	WATERPROOFING
WR	WASTE RECEPTABLE
WWF	WELDED WIRE FABRIC











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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	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

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 10:16:12 -04'00'

CLIENT

VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT

GARY MATZNER PARK

SHEET TITLE

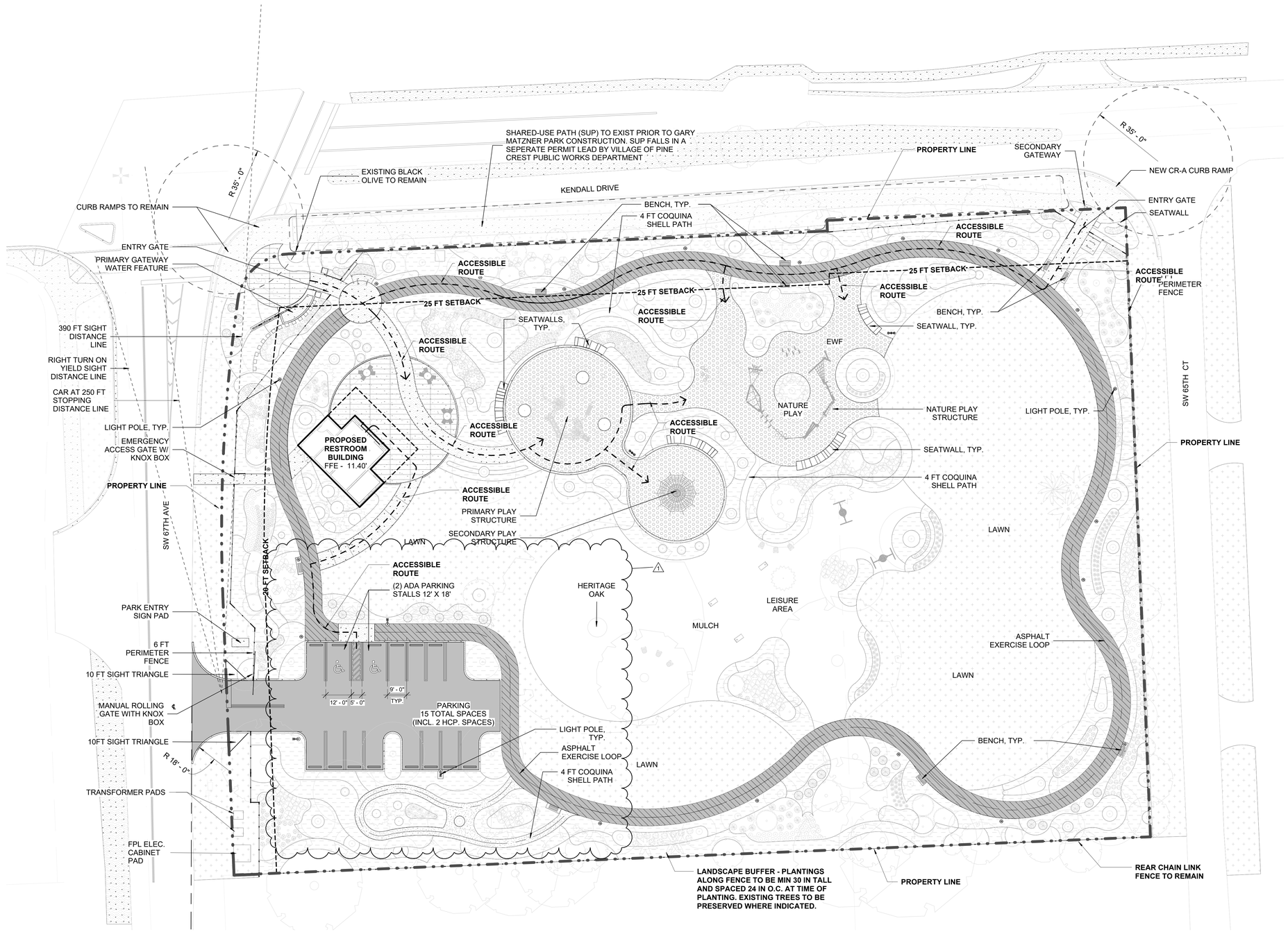
INDEX, NOTES, & LEGENDS

SHEET NUMBER G-001

KEITH PROJECT NUMBER 13861.00

STATUS:

Drawing name:G:\Projects\2023\s2738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_test.dwg



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

LEGEND

- PROPERTY/ ROW LINE
- UTILITY SETBACK LINE

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**

PROJECT LEAD & CIVIL ENGINEERING:

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PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 10:21:07 -04'00'

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

STATUS:

Drawing name:S:\Projects\2023\s23735-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_bsd.dwg

TREE TABLE

TREE #	COMMON NAME	SCIENTIFIC NAME	DBH (INCHES)	HT (FT) TREE (CT) PALM	CANOPY SPREAD (FT)	CANOPY SPREAD (SF)	TREE CONDITION (%)	CATEGORY	STATUS	COMMENTS
39	WILD TAMARIND	*Lysiloma Latisiliquum*	6	25	15	706.5	50%	SHADE TREE 3	REMOVED	POOR CANOPY, LEANS, TRUNK DAMAGE
120	FICUS BENJAMINA	*Ficus benjamina*	N/A	20	8	25.12	N/A	N/A	REMOVED	OVERGROWN HEDGE, INVASIVE, REMOVE
121	FICUS BENJAMINA	*Ficus benjamina*	N/A	20	8	25.12	N/A	N/A	REMOVED	OVERGROWN HEDGE, INVASIVE, REMOVE
122	GUMBO LIMBO	*Bursera simaruba*	8	22	18	1017.36	65%	N/A	PRESERVED	OPEN CANOPY, SHADED
137	MAHOGANY	*Swietenia mahagoni*	14	32	25	1962.5	75%	N/A	PRESERVED	CIRCLING ROOTS
138	MAHOGANY	*Swietenia mahagoni*	10	30	20	1256	75%	N/A	PRESERVED	
139	SAPODILLA	*Manilkara zapota*	26	38	40	5024	70%	N/A	PRESERVED	INCLUDED BARK, CIRCLING ROOTS, SIGNS OF DECAY, SHARED CANOPY, INVASIVE
140	BRIDAL VEIL	*Caesalpinia granadillo*	5	16	10	314	75%	N/A	PRESERVED	
141	BRIDAL VEIL	*Caesalpinia granadillo*	5	15	10	314	75%	N/A	PRESERVED	
142	MANGO	*Mangifera indica*	15	25	25	1962.5	75%	N/A	PRESERVED	
143	BRIDAL VEIL	*Caesalpinia granadillo*	4	15	8	200.96	75%	N/A	PRESERVED	
144	GUMBO LIMBO	*Bursera simaruba*	5	15	6	113.04	70%	N/A	PRESERVED	GROWING IN PLANTER
145	BRIDAL VEIL	*Caesalpinia granadillo*	3	14	5	78.5	60%	N/A	PRESERVED	TRUNK DAMAGE, LEANING
146	COCONUT PALM	*Cocos nucifera*	10	8	12	452.16	75%	N/A	PRESERVED	
147	LIVE OAK	*Quercus virginiana*	10	15	18	1017.36	70%	N/A	PRESERVED	CO-DOMINANT
156	LIVE OAK	*Quercus virginiana*	8	25	25	1962.5	75%	N/A	PRESERVED	ACROSS ROAD - OFFSITE
157	LIVE OAK	*Quercus virginiana*	8	25	25	1962.5	75%	N/A	PRESERVED	ACROSS ROAD - OFFSITE
158	LIVE OAK	*Quercus virginiana*	8	25	25	1962.5	75%	N/A	PRESERVED	ACROSS ROAD - OFFSITE
285	LIVE OAK	*Quercus virginiana*	24	38	40	5024	75%	N/A	PRESERVED	SHARED CANOPY
365	LIVE OAK	*Quercus virginiana*	22	40	30	2826	75%	N/A	PRESERVED	SHADED, ONE-SIDED, VINES
366	LIVE OAK	*Quercus virginiana*	37.5	32	60	11304	70%	N/A	PRESERVED	SUCKERS, LOW BRANCHING FROM PRUNING, UTILITY LINE RUNNING THROUGH
370	SABAL PALM	*Sabal palmetto*	10	12	10	314	70%	N/A	PRESERVED	
371	UMBRELLA TREE	*Scheffiera actinophylla*	12	25	20	1256	N/A	N/A	PRESERVED	INVASIVE
372	UMBRELLA TREE	*Scheffiera actinophylla*	15	30	25	1962.5	N/A	N/A	PRESERVED	INVASIVE
373	BEAUTYLEAF SPP	*Calophyllum spp.*	6	20	30	2826	65%	N/A	PRESERVED	CLUSTER, CROSSING TRUNKS, HORIZONTAL CHARACTER, UNIQUE STRUCTURE, REMOVE INVASIVES AND KEEP IN PLACE
374	TROPICAL ALMOND	*Terminalia catappa*	9	25	10	314	50%	N/A	REMOVED	INVASIVE
380	LIVE OAK	*Quercus virginiana*	18,18,13	35	50	7850	75%	N/A	PRESERVED	
381	SABAL PALM	*Sabal palmetto*	10	5	10	314	60%	N/A	PRESERVED	CURVED TRUNK
382	MANGO	*Mangifera indica*	12,15.5	35	30	2826	65%	N/A	PRESERVED	MULTI TRUNK
383	LIVE OAK	*Quercus virginiana*	16	25	25	1962.5	75%	N/A	PRESERVED	SHADED CANOPY, ONE SIDED CANOPY
384	ROSE APPLE	*Syzgium jambos*	20	20	30	2826	40%	N/A	REMOVED	MULTI TRUNK, CLUSTER, CROSSING BRANCHES, ROT, POOR, SHARED CANOPY
402	LIVE OAK	*Quercus virginiana*	20	25	25	1962.5	75%	N/A	PRESERVED	OFF-SITE, OVERHANGS ONTO OUR PROPERTY
403	AVOCADO	*Persea americana*	12	20	20	1256	70%	N/A	PRESERVED	LEANS, ON PROPERTY LINE, OVERHANGS ONTO OUR PROPERTY
404	AVOCADO	*Persea americana*	13	20	20	1256	70%	N/A	PRESERVED	MULTI TRUNK, ON PROPERTY LINE, OVERHANGS ONTO OUR PROPERTY
405	MANGO	*Mangifera indica*	7	16	10	314	65%	N/A	PRESERVED	CO-DOMINANT, SHADED, ON PROPERTY LINE, OVERHANGS ONTO OUR PROPERTY
406	AVOCADO	*Persea americana*	14	35	20	1256	65%	N/A	PRESERVED	ON PROPERTY LINE, OVERHANGS ONTO OUR PROPERTY
407	AVOCADO	*Persea americana*	14	35	30	2826	65%	N/A	PRESERVED	
408	AVOCADO	*Persea americana*	12	25	20	1256	65%	N/A	PRESERVED	
409	STRANGLER FIG	*Ficus aurea*	38	45	50	7850	70%	N/A	PRESERVED	OFF-SITE, OVERHANGS ONTO OUR PROPERTY
410	LIVE OAK	*Quercus virginiana*	23	35	40	5024	75%	N/A	PRESERVED	ONE-SIDED CANOPY, DIEBACK
411	TROPICAL ALMOND	*Terminalia catappa*	22	35	30	94.2	50%	N/A	REMOVED	ONE-SIDED CANOPY, INVASIVE
412	MAHOGANY	*Swietenia mahagoni*	13	35	15	706.5	50%	N/A	PRESERVED	CO-DOMINANT, GROWING OUT OF LIVE OAK SHADE
423	COCONUT PALM	*Cocos nucifera*	10	7	20	1256	75%	N/A	PRESERVED	
424	MANGO	*Mangifera indica*	11	25	20	1256	60%	N/A	PRESERVED	VINES, TRUNK DAMAGE, SHADED
425	MANGO	*Mangifera indica*	11	25	25	1962.5	65%	N/A	PRESERVED	CO-DOMINANT
426	LIVE OAK	*Quercus virginiana*	8	22	8	200.96	65%	N/A	PRESERVED	ONE SIDED CANOPY, LEANS
427	FICUSBENJAMINA	*Ficus benjamina*	N/A	20	8	25.12	N/A	N/A	REMOVED	OVERGROWN SHRUB, INVASIVE, REMOVE
474	BRIDAL VEIL	*Caesalpinia granadillo*	5	15	8	200.96	75%	N/A	PRESERVED	
475	BRIDAL VEIL	*Caesalpinia granadillo*	5	14	7	153.86	75%	N/A	PRESERVED	
476	BLACK OLIVE	*Bucida buceras*	23	30	35	3846.5	70%	N/A	PRESERVED	CO-DOMINANT, INCLUDED BARK, TRUNK DAMAGE, OPEN WOUNDS, SIDEWALK CONFLICTS
477	MANGO	*Mangifera indica*	11	25	20	1256	65%	N/A	PRESERVED	SHADED, LOW BRANCHING, ONE-SIDED CANOPY
478	BLACK OLIVE	*Bucida buceras*	24	35	45	6358.5	65%	N/A	PRESERVED	INCLUDED BARK, CO-DOMINANT, CIRCLING ROOTS, SIDEWALK CONFLICTS
512	SILVER BUTTONWOOD	*Conocarpus erectus sericeous*	2	9	3	28.26	75%	SMALL TREE	REMOVED	
513	SILVER BUTTONWOOD	*Conocarpus erectus sericeous*	1.5	9	3	28.26	75%	SMALL TREE	REMOVED	
587	LIVE OAK	*Quercus virginiana*	10	25	20	1256	75%	SHADE TREE 2	REMOVED	CO-DOMINANT
588	SILVER BUTTONWOOD	*Conocarpus erectus sericeous*	6	14	7	153.86	50%	SMALL TREE	REMOVED	MAJOR TRUNK WOUND, SHADED
589	SILVER BUTTONWOOD	*Conocarpus erectus sericeous*	2	12	6	113.04	20%	N/A	REMOVED	TRUNK DECAY, WEAK, BROKEN CANOPY
590	SILVER BUTTONWOOD	*Conocarpus erectus sericeous*	4	8	2	12.56	0%	N/A	REMOVED	DEAD
591	LIVE OAK	*Quercus virginiana*	9	22	10	314	65%	SHADE TREE 2	REMOVED	LEANS, UTILITY CONFLICTS, SHADED
592	LIVE OAK	*Quercus virginiana*	12	25	20	1256	65%	SHADE TREE 2	REMOVED	
593	BUTTONWOOD	*Conocarpus erectus*	2	12	5	78.5	60%	SMALL TREE	REMOVED	
594	LIVE OAK	*Quercus virginiana*	6	18	15	706.5	70%	SHADE TREE 3	REMOVED	
595	LIVE OAK	*Quercus virginiana*	7	22	15	706.5	70%	SHADE TREE 3	REMOVED	CO-DOMINANT, UTILITY CONFLICTS
598	MANGO	*Mangifera indica*	14	20	12	452.16	30%	N/A	REMOVED	CO-DOMINANT, TRUNK DAMAGE, BRANCH DAMAGE, PRUNING DAMAGE, INCLUDED BARK
607	BULNESIA	*Bulnesia arborea*	3	22	25	1962.5	55%	SHADE TREE 2	REMOVED	LEANS, CO-DOMINANT, CIRCLING ROOTS, DEAD WOOD, INCLUDED BARK, UTILITY CONFLICTS
608	BULNESIA	*Bulnesia arborea*	7	10	10	314	40%	N/A	REMOVED	MAJOR LEANING, DEADWOOD, DECAY
609	AVOCADO	*Persea americana*	3	22	8	200.96	65%	SMALL TREE	REMOVED	UTILITY CONFLICTS
610	LIVE OAK	*Quercus virginiana*	6	25	12	452.16	65%	SHADE TREE 4	REMOVED	SHARED CANOPY, UTILITY CONFLICTS
615	SAPODILLA	*Manilkara zapota*	14	30	20	1256	60%	N/A	REMOVED	CROSSING BRANCHES, SHADED, UTILITY PRUNED, INVASIVE
634	ROYAL POINCIANA	*Delonix regia*	20	25	30	2826	30%	N/A	REMOVED	UTILITY CONFLICTS, MAJOR TRUNK WOUND AT BASE, PARTIAL CANOPY
660	AVOCADO	*Persea americana*	17	25	25	1962.5	60%	N/A	REMOVED	CO-DOMINANT, BRANCH DAMAGE, SPARSE, DIEBACK, MULTI TRUNK
661	MANGO	*Mangifera indica*	10,12	20	15	706.5	50%	N/A	PRESERVED	TRUNK DAMAGE, DECAY, MULTI TRUNK, THREE TRUNKS ONE BROKE OFF, POOR CONDITION, REMOVE
681	SABAL PALM	*Sabal palmetto*	10	8	3	28.26	70%	N/A	RELOCATED	
682	AVOCADO	*Persea americana*	4 @ 11	25	15	706.5	40%	N/A	PRESERVED	MULTI TRUNK, BRANCH DAMAGE, DECAY
687	SLASH PINE	*Pinus elliottii*	20	50	30	2826	65%	N/A	PRESERVED	UTILITY PRUNED, OPEN CANOPY, DIEBACK, REMOVE INVASIVE FIG THAT IS WRAPPED AROUND TRUNK
688	SABAL PALM	*Sabal palmetto*	10	10	7	153.86	70%	N/A	PRESERVED	
689	MANGO	*Mangifera indica*	11,14	25	15	706.5	50%	N/A	REMOVED	MULTI TRUNK, DIEBACK, DEADWOOD, OPEN WOUNDS
690	MANGO	*Mangifera indica*	12	22	20	1256	60%	N/A	PRESERVED	MULTI TRUNK, THIN CANOPY, SUCKERS
694	STRANGLER FIG	*Ficus aurea*	46	35	40	5024	70%	N/A	PRESERVED	SURFACE ROOTS, WRAPPED AROUND SABAL PALM
758	TROPICAL ALMOND	*Terminalia catappa*	30	25	35	3846.5	20%	N/A	REMOVED	WEEDY MESS, TROPICAL ALMOND AT BASE, POOR, CLUSTER, SPROUTS, HALF CANOPY, DECAY, INVASIVE
761	SABAL PALM	*Sabal palmetto*	10	2	10	314	70%	PALM TREE 1	REMOVED	
762	PINK TAB	*Tabebuia heterophylla*	34	40	30	2826	65%	SHADE TREE 1	REMOVED	TRUNK DAMAGE, BRANCH DAMAGE, DECAY, SPECIMEN SIZED, NEEDS PRUNING AND CARE BUT SHOULD BE SAVED
764	ROSE APPLE	*Syzgium jambos*	5 @ 9	20	25	1962.5	65%	N/A	PRESERVED	TRUNK DAMAGE, CLUSTER
770	GUMBO LIMBO	*Bursera simaruba*	3	10	5	78.5	60%	N/A	REMOVED	
774	TROPICAL ALMOND	*Terminalia catappa*	20	35	25	1962.5	50%	N/A	REMOVED	INVASIVE
775	TROPICAL ALMOND	*Terminalia catappa*	16	35	15	706.5	20%	N/A	REMOVED	MULTI TRUNK, ONE TRUNK DEAD, NOT A TREE - INVASIVE
780	ROYAL POINCIANA	*Delonix regia*	10	25	15	706.5	65%	N/A	PRESERVED	SHADED, CANOPY OFF PROPERTY
782	ALEXANDER PALM	*Ptychosperma elegans*	3	20	10	314	75%	N/A	PRESERVED	SHADED
783	ALEXANDER PALM	*Ptychosperma elegans*	3	20	10	314	75%	N/A	PRESERVED	SHADED
784	UMBRELLA TREE	*Scheffiera actinophylla*	5	20	10	314	N/A	N/A	REMOVED	INVASIVE
785	HURRICANE PALM	*Dictyosperma album*	10	20	10	314	70%	N/A	PRESERVED	VINES
786	STRANGLER FIG	*Ficus aurea*	32	50	45	6358.5	75%	N/A	REMOVED	INVASIVE
787	WOMAN'S TONGUE	*Albizia lebbeck*	2	20	12	452.16	60%	N/A	PRESERVED	LEANS
788	GUMBO LIMBO	*Bursera simaruba*	3	20	10	314	60%	N/A	PRESERVED	POOR CANOPY, SHADED
789	LIVE OAK	*Quercus virginiana*	16	40	40	5024	70%	N/A	PRESERVED	OVERHANGS ONTO OUR PROPERTY, SHADED CANOPY, OFF-SITE
790	LIVE OAK	*Quercus virginiana*	15	35	40	5024	70%	N/A	PRESERVED	OVERHANGS ONTO OUR PROPERTY, SHADED CANOPY, OFF-SITE
791	LIVE OAK	*Quercus virginiana*	16	35	40	5024	70%	N/A	PRESERVED	OFF-SITE, OVERHANGS ONTO OUR PROPERTY
792	WOMAN'S TONGUE	*Albizia lebbeck*	6	28	12	452.16	60%	N/A	REMOVED	INVASIVE
793	LIVE OAK	*Quercus virginiana*	24	35	45	6358.5	70%	N/A	N/A	OFF-SITE, OVERHANGS ONTO OUR PROPERTY
809	LIVE OAK	*Quercus virginiana*	56	40	120	45216	70%	N/A	PRESERVED	
810	FALSE TAMARIND	*Lysiloma Latisiliquum*	30	35	45	6358.5	50%	N/A	PRESERVED	FICUS NITIDA VINES WRAPPED AROUND, TRUNK FULLY COVERED IN FICUS ROOTS AND NEEDS TO BE REMOVED, SPARSE CANOPY
813	INDIAN LAUREL	*Ficus nitida*	30	20	15	706.5	0%	SHADE TREE 2	REMOVED	DEAD, REMOVE
900	SILVER BUTTONWOOD	*Conocarpus erectus sericeous*	1.5	9	3	28.26	75%	SMALL TREE	REMOVED	SHADED
901	SILVER BUTTONWOOD	*Conocarpus erectus sericeous*	4	9	3	28.26	70%	SMALL TREE	REMOVED	SHARED CANOPY, SHADED
902	SILVER BUTTONWOOD	*Conocarpus erectus sericeous*	2	9	3	28.26	70%	SMALL TREE	REMOVED	SHARED CANOPY, SHADED
903	GUMBO LIMBO	*Bursera simaruba*	2	9	3	28.26	65%	SMALL TREE	REMOVED	SHARED CANOPY, SHADED
904	SILVER BUTTONWOOD	*Conocarpus erectus sericeous*	1	9	3	28.26	65%	SMALL TREE	REMOVED	SHARED CANOPY, SHADED
905	GUMBO LIMBO	*Bursera simaruba*	3	12	5	78.5	60%	SMALL TREE	REMOVED	SHARED CANOPY, SHADED
906	LIVE OAK	*Quercus virginiana*	3	15	7	153.86	60%	SMALL TREE	REMOVED	SHARED CANOPY, SHADED
907	YELLOW ELDER	*Tecoma stans*	4	18	10	314	65%	SHADE TREE 5	REMOVED	SHARED CANOPY, SHADED
908	LIVE OAK	*Quercus virginiana*	5	30	10	314	65%	N/A	PRESERVED	
910	MAHOGANY	*Swietenia mahagoni*	3	22	7	153.86	70%	SMALL TREE	REMOVED	CO-DOMINANT, OVERHEAD WIRES
911	TROPICAL ALMOND	*Terminalia catappa*	11,14	40	20	1256	60%	N/A	REMOVED	MULTI TRUNK, VINES, INVASIVE

TREE MITIGATION CHART LEGEND

908	LIVE OAK	*Quercus virginiana*	5	30	10	65%	PRESERVED
910	MAHOGANY	*Swietenia mahagoni*	3	22	7	70%	REMOVED
911	TROPICAL ALMOND	*Terminalia catappa*	11,14	40	20	60%	REMOVED

INDICATES PRESERVED TREE

INDICATES REMOVED TREE REQUIRING REPLACEMENT

INDICATES REMOVED TREE NOT REQUIRING REPLACEMENT

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 CALIPER INCHES PROPOSED*: 309 IN

*ALL QUALIFYING TREES TO BE 3 IN CAL. MIN. UNLESS NOTED IN SCHEDULE

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.

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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: LC26000457

LANDSCAPE ARCHITECT:

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801 INTERNATIONAL PARKWAY
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ARCHITECT:

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727-822-5566
WJARC.COM AA0002277

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
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

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF
FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 10:45:12 -04'00'

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

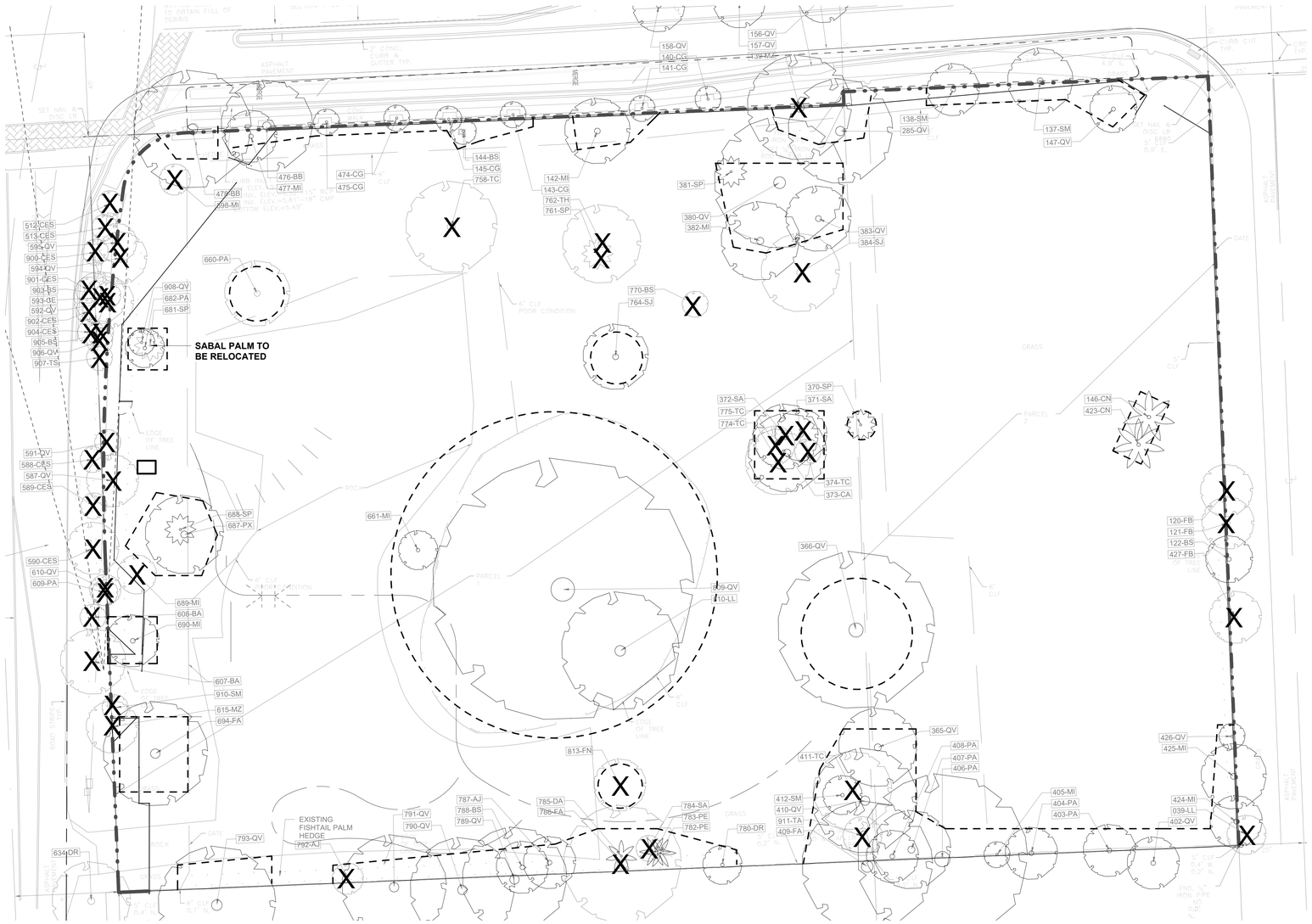
SHEET TITLE
TREE MITIGATION TABLE

SHEET NUMBER LD-001

KEITH PROJECT NUMBER 13861.00

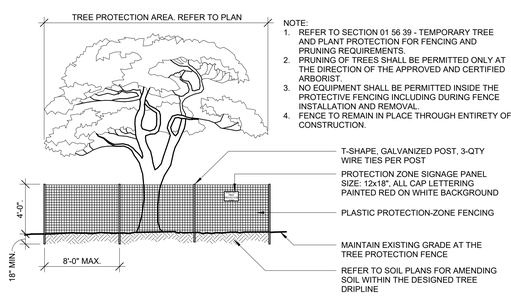
STATUS:

Drawing name:S:\Projects\2023\s23735-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_test.dwg



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

0' 10' 20' 40'



NOTE:
1. REFER TO SECTION 01 56 39 - TEMPORARY TREE AND PLANT PROTECTION FOR FENCING AND PRUNING REQUIREMENTS.
2. PRUNING OF TREES SHALL BE PERMITTED ONLY AT THE DIRECTION OF THE APPROVED AND CERTIFIED ARBORIST.
3. NO EQUIPMENT SHALL BE PERMITTED INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
4. FENCE TO REMAIN IN PLACE THROUGH ENTIRETY OF CONSTRUCTION.

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

TREE MITIGATION LEGEND

- X / ###-XX — EXISTING TREE TO BE REMOVED
- ###-XX — EXISTING TREE TO REMAIN
- X / ###-XX — EXISTING PALM TO BE REMOVED
- ###-XX — EXISTING PALM TO REMAIN
- X / ###-XX — EXISTING EVERGREEN TO BE REMOVED
- ###-XX — EXISTING EVERGREEN TO REMAIN
- TREE PROTECTION FENCE

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	*Quercus virginiana*	5	30	10	65%	PRESERVED
910	MAHOGANY	*Swietenia mahagoni*	3	22	7	70%	REMOVED
911	TROPICAL ALMOND	*Terminalia catappa*	11,14	40	20	60%	REMOVED

- PRESERVED → INDICATES PRESERVED TREE
- REMOVED → INDICATES REMOVED TREE REQUIRING REPLACEMENT
- REMOVED → INDICATES REMOVED TREE NOT REQUIRING REPLACEMENT

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Digitally signed by Matthew W Manda
Date: 2025.08.26 10:52:05 -04'00'

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

STATUS:

Drawing name:S:\Projects\2023\23735-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_test.dwg

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

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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

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 10:58:52 -04'00'

CLIENT

VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT

GARY MATZNER PARK

SHEET TITLE

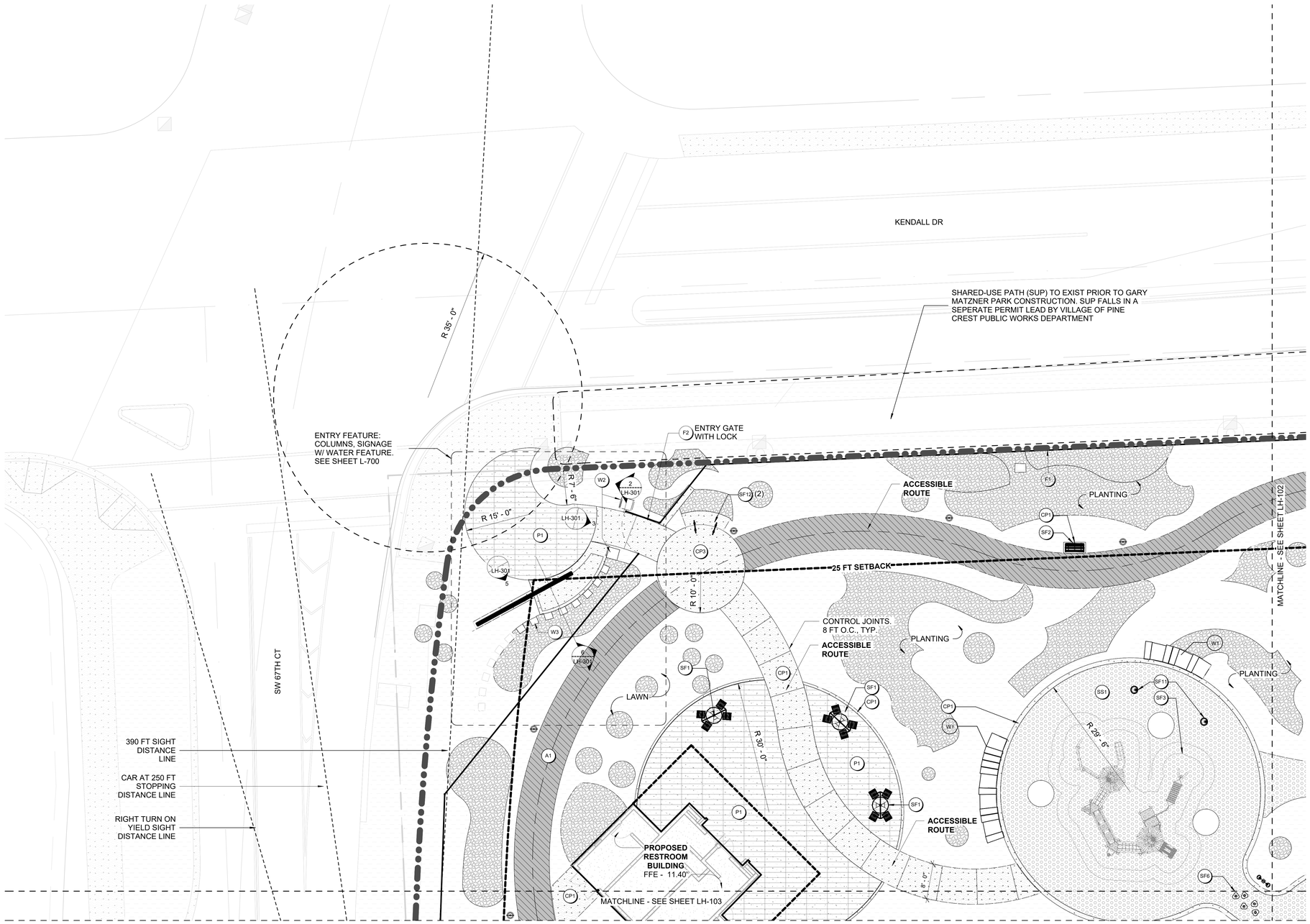
MATERIALS SCHEDULE

SHEET NUMBER LH-100

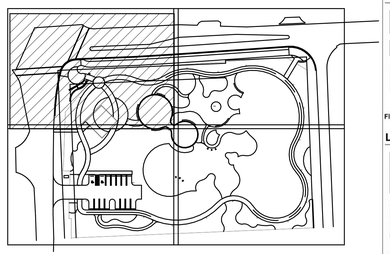
KEITH PROJECT NUMBER 13861.00

STATUS:

Drawing name:S:\Projects\2023\s23738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Lists\XR-GMP-TTLBK_test.dwg



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



KEY PLAN

HARDSCAPE GRAPHIC LEGEND

A1	ASPHALT PEDESTRIAN	CP3	HEAVY DUTY CONCRETE	SF1	VILLAGE OF PINECREST STANDARD 6 FT ALUMINUM FENCE	SF7	NATURE PLAY ELEMENT 2	W1	OOLITE SEATWALL 5 / LH-302
A2	ASPHALT VEHICULAR (SEE CIVIL DWGS)	P1	CONCRETE PAVERS	SF2	VILLAGE OF PINECREST STANDARD BENCH	SF8	SWINGSET	W2	ENTRY COLUMN 2 / LH-301
AG1	STABILIZED COQUINA AGGREGATE	SS1	SYNTHETIC PLAY SURFACE - TURF FINISH	SF3	PRIMARY PLAY STRUCTURE	SF9	ADIRONDACK CHAIR	W3	WATER FEATURE COLUMN 4 / LH-301
CP1	CONCRETE PATHWAYS		LANDSCAPE AREA	SF4	LARGE NATURE PLAY STRUCTURE	SF10	CORNHOLE BOARD		
CP2	ROCK SALT FINISH CONCRETE		MULCH	SF5	SECONDARY NATURE PLAY STRUCTURE	SF11	SPINNER BOWL		
				SF6	NATURE PLAY ELEMENT 1	SF12	BIKE RACK		

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: LC26000457

LANDSCAPE ARCHITECT:
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801 INTERNATIONAL PARKWAY
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407.871.9607
MKSKSTUDIOS.COM

ARCHITECT:
WANNEMACHER JENSEN ARCHITECTS
815 NORTHWEST 57 AVE. SUITE 219
MIAMI, FLORIDA 33126
727-822-5566
WJARC.COM AA0002277

MECHANICAL, PLUMBING, & ELECTRICAL ENGINEERING:
SGM ENGINEERING
5301 WATERFORD DISTRICT DR.
SUITE 750
954-421-1944
SGMENGINEERING.COM CA-00006208

REVISIONS

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

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 11:06:36 -04'00'

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

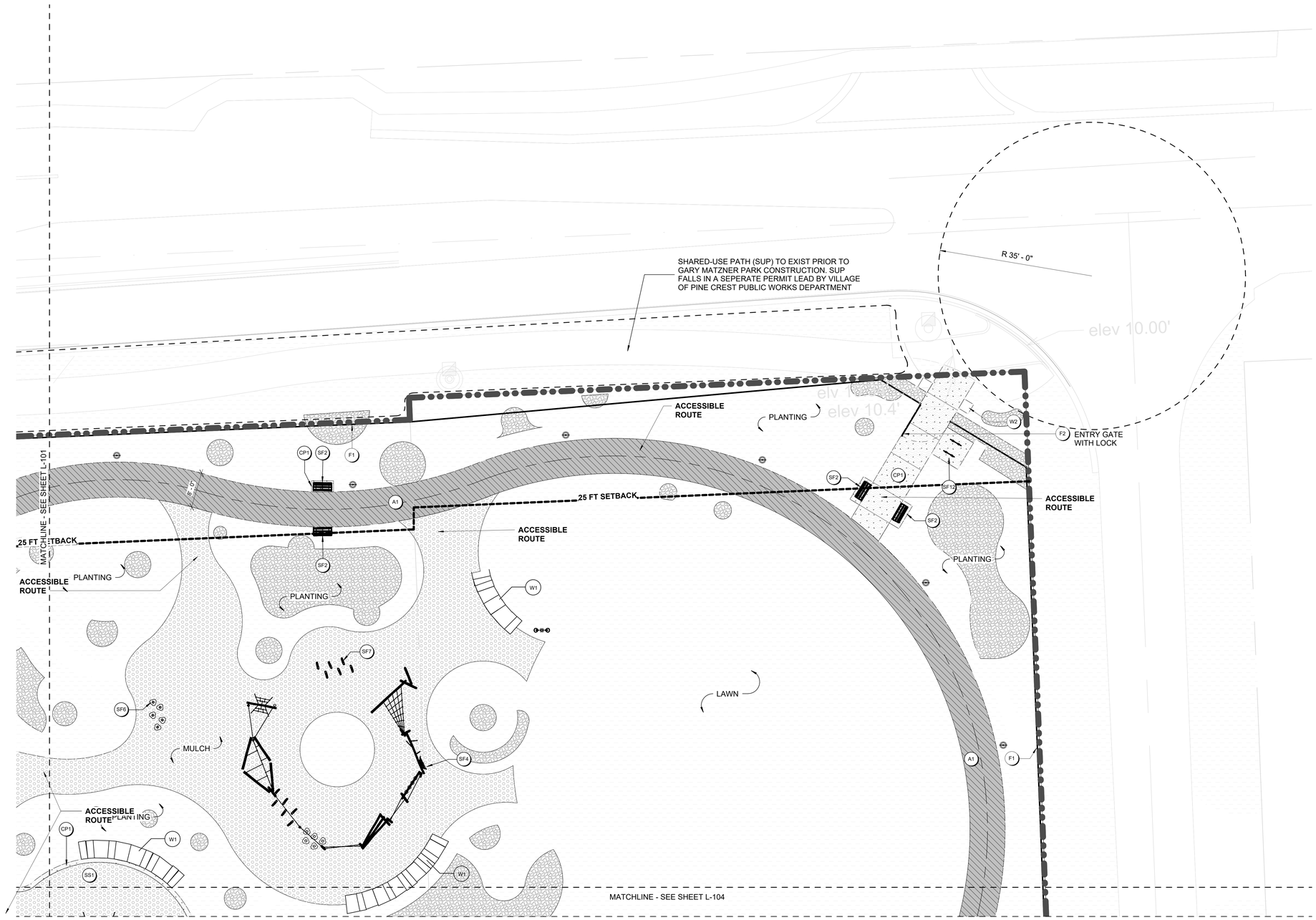
SHEET TITLE
MATERIALS PLAN

SHEET NUMBER LH-101

KEITH PROJECT NUMBER 13861.00

STATUS:

Drawing name:S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-CMP-TTLBK_test.dwg



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

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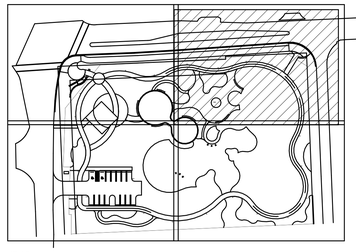

KEY PLAN

HARDSCAPE GRAPHIC LEGEND

A1	ASPHALT PEDESTRIAN	CP3	HEAVY DUTY CONCRETE	SF1	VILLAGE OF PINECREST STANDARD 6 FT ALUMINUM FENCE	SF7	NATURE PLAY ELEMENT 2	W1	OOLITE SEATWALL 5 / LH-302
A2	ASPHALT VEHICULAR (SEE CIVIL DWGS)	P1	CONCRETE PAVERS	SF2	VILLAGE OF PINECREST STANDARD BENCH	SF8	SWINGSET	W2	ENTRY COLUMN 2 / LH-301
AG1	STABILIZED COQUINA AGGREGATE	SS1	SYNTHETIC PLAY SURFACE - TURF FINISH	SF3	PRIMARY PLAY STRUCTURE	SF9	ADIRONDACK CHAIR	W3	WATER FEATURE COLUMN 4 / LH-301
CP1	CONCRETE PATHWAYS		LANDSCAPE AREA	SF4	LARGE NATURE PLAY STRUCTURE	SF10	CORNHOLE BOARD		
CP2	ROCK SALT FINISH CONCRETE		MULCH	SF5	SECONDARY NATURE PLAY STRUCTURE	SF11	SPINNER BOWL		
				SF6	NATURE PLAY ELEMENT 1	SF12	BIKE RACK		

PROJECT LEAD & CIVIL ENGINEERING:

KEITH
301 EAST ATLANTIC BLVD.
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ARCHITECT:

WANNEMACHER JENSEN ARCHITECTS
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727-822-5566
WJARC.COM AA0002277

MECHANICAL, PLUMBING, & ELECTRICAL ENGINEERING:

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

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

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 11:13:54 -04'00'

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

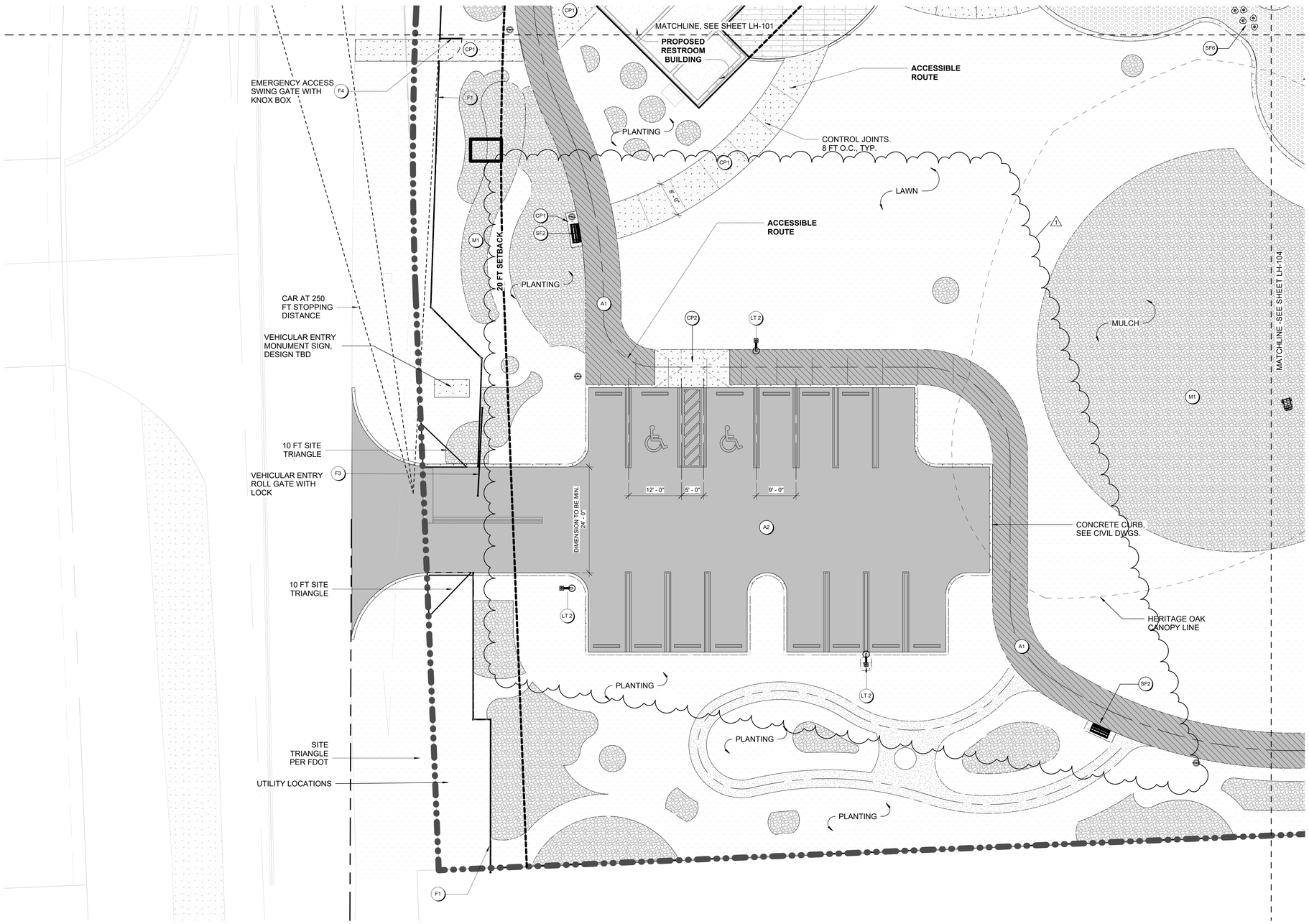
SHEET TITLE
MATERIALS PLAN

SHEET NUMBER LH-102

KEITH PROJECT NUMBER 13861.00

STATUS:

Drawing name:S:\Projects\2023\s23738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLEBK_test.dwg



1 MATERIALS PLAN - AREA 3
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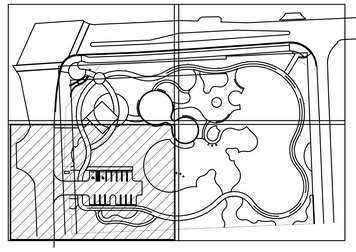

KEY PLAN

HARDSCAPE GRAPHIC LEGEND

A1	ASPHALT PEDESTRIAN	CP3	HEAVY DUTY CONCRETE	SF1	VILLAGE OF PINECREST STANDARD 6 FT ALUMINUM FENCE	SF7	NATURE PLAY ELEMENT 2	W1	OOLITE SEATWALL 5 / LH-302
A2	ASPHALT VEHICULAR (SEE CIVIL DWGS)	P1	CONCRETE PAVERS	SF2	VILLAGE OF PINECREST STANDARD BENCH	SF8	SWINGSET	W2	ENTRY COLUMN 2 / LH-301
AG1	STABILIZED COQUINA AGGREGATE	SS1	SYNTHETIC PLAY SURFACE - TURF FINISH	SF3	PRIMARY PLAY STRUCTURE	SF9	ADIRONDACK CHAIR	W3	WATER FEATURE COLUMN 4 / LH-301
CP1	CONCRETE PATHWAYS		LANDSCAPE AREA	SF4	LARGE NATURE PLAY STRUCTURE	SF10	CORNHOLE BOARD		
CP2	ROCK SALT FINISH CONCRETE		MULCH	SF5	SECONDARY NATURE PLAY STRUCTURE	SF11	SPINNER BOWL		
				SF6	NATURE PLAY ELEMENT 1	SF12	BIKE RACK		

PROJECT LEAD & CIVIL ENGINEERING:

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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: LC26000457

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SGMENGINEERING.COM CA-00006208

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

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF
FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 11:20:53 -04'00'

CLIENT

VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT

GARY MATZNER PARK

SHEET TITLE

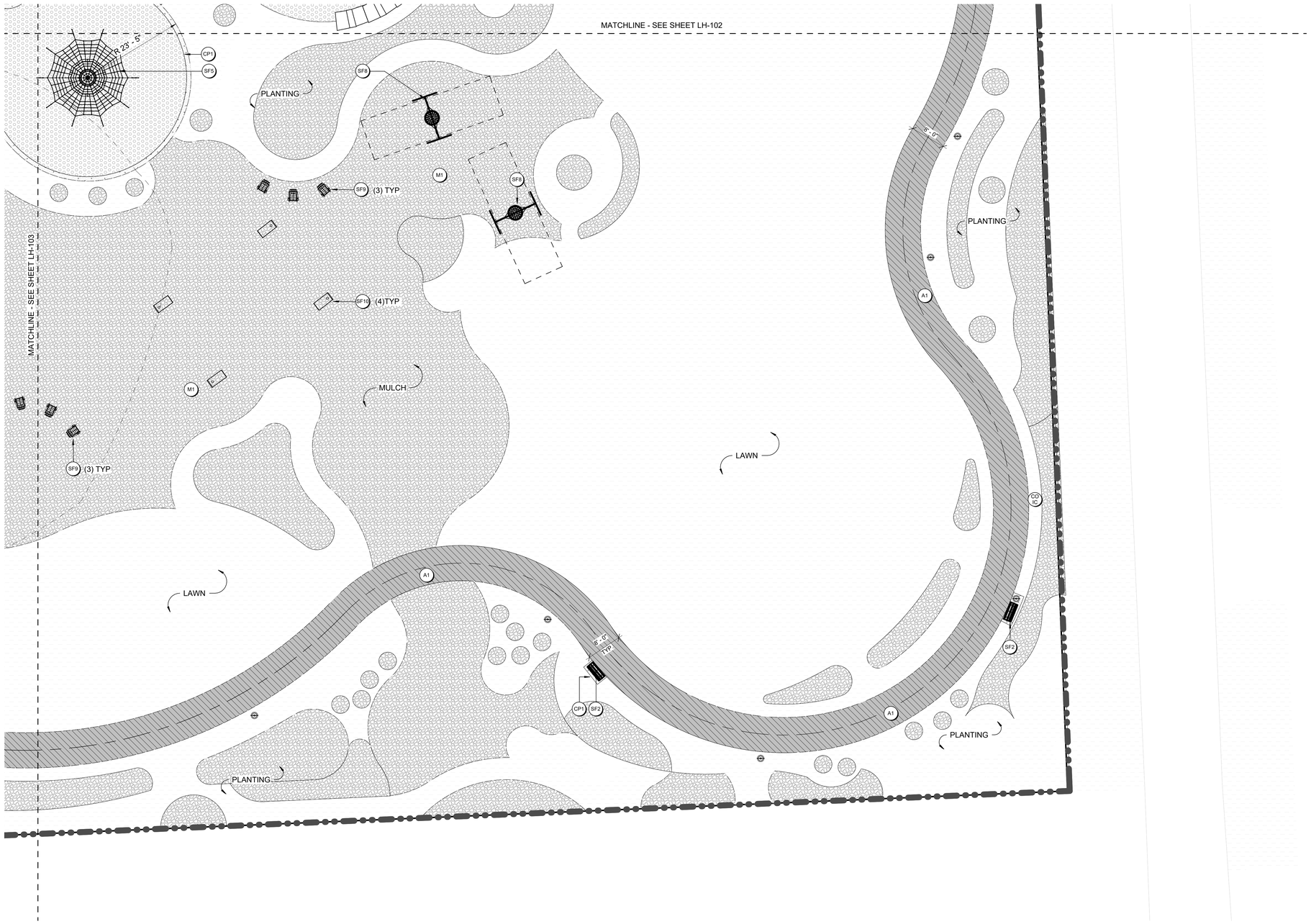
MATERIALS PLAN

SHEET NUMBER LH-103

KEITH PROJECT NUMBER 13861.00

STATUS:

Drawing name:S:\Projects\2023\s23735-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_test.dwg



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

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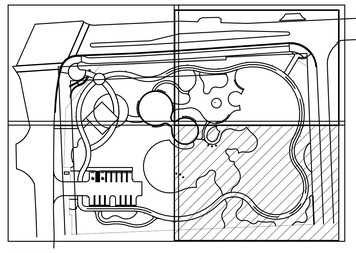

KEY PLAN

HARDSCAPE GRAPHIC LEGEND

A1	ASPHALT PEDESTRIAN	CP3	HEAVY DUTY CONCRETE	SF1	VILLAGE OF PINECREST STANDARD 6 FT ALUMINUM FENCE	SF7	NATURE PLAY ELEMENT 2	W1	OOLITE SEATWALL 5 / LH-302
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				SF6	NATURE PLAY ELEMENT 1	SF12	BIKE RACK		

PROJECT LEAD & CIVIL ENGINEERING:

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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: LC26000457

LANDSCAPE ARCHITECT:

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

ARCHITECT:

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815 NORTHWEST 57 AVE. SUITE 219
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MECHANICAL, PLUMBING, & ELECTRICAL ENGINEERING:

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

REVISIONS

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

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF
FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 11:28:52 -04'00'

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

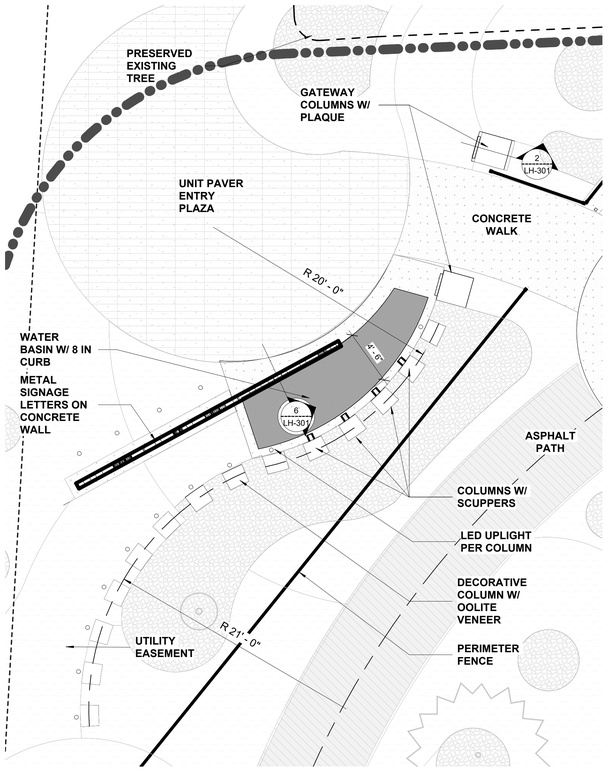
SHEET TITLE
MATERIALS PLAN

SHEET NUMBER LH-104

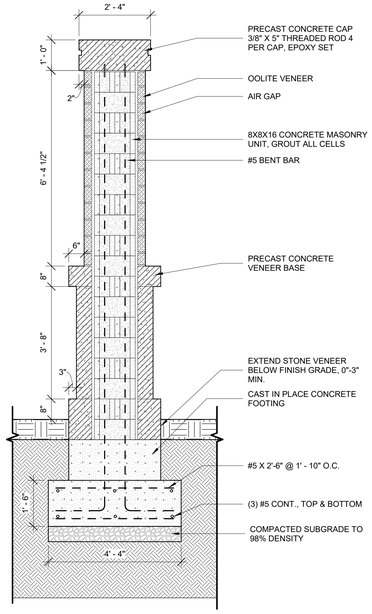
KEITH PROJECT NUMBER 13861.00

STATUS:

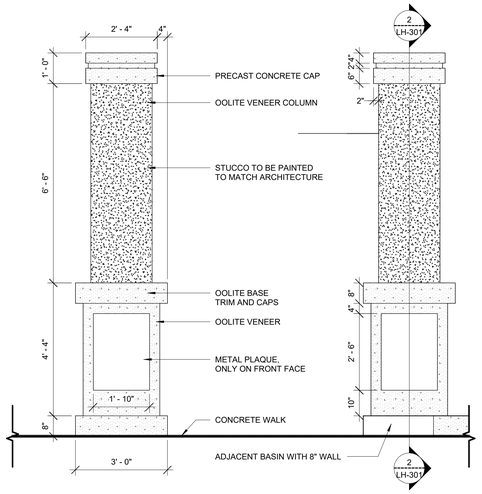
Drawing name:S:\Projects\2023\s23735-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_test.dwg



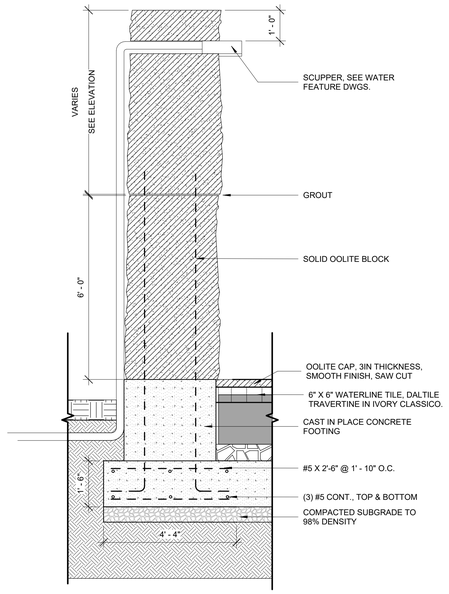
1 WATER FEATURE ENLARGEMENT
SCALE:1 : 60



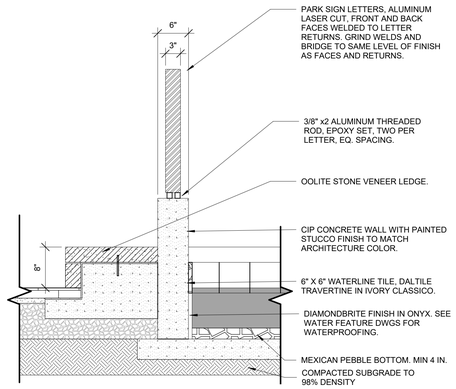
2 GATEWAY COLUMN
SCALE: 1/2" = 1'-0"



3 GATEWAY COLUMNS ELEVATION
SCALE: 1/2" = 1'-0"



4 WATER FEATURE COLUMN
SCALE: 1/2" = 1'-0"



6 WATER FEATURE BASIN EDGE & SIGN
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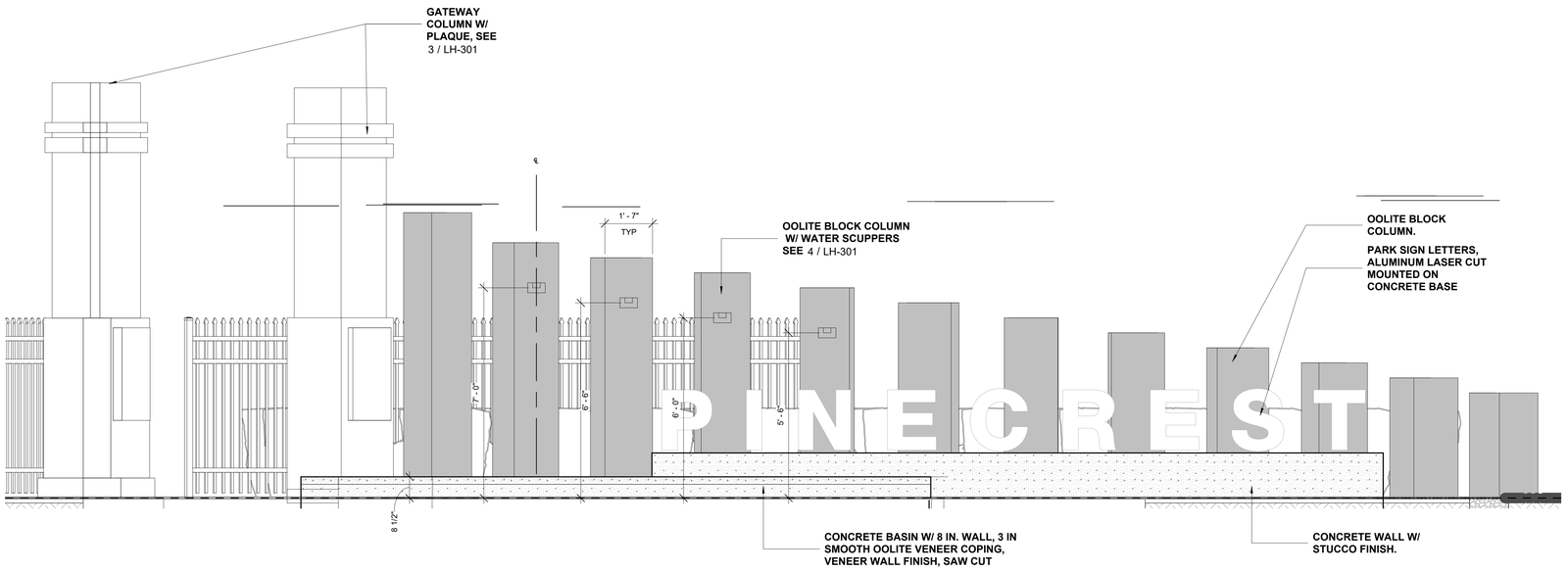

5 WATER FEATURE ELEVATION
SCALE: 1/2" = 1'-0"

PROJECT LEAD & CIVIL ENGINEERING:

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301 EAST ATLANTIC BLVD.
POMPANO BEACH, FL 33060
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CHECKED BY: JONATHAN PETRUSHKA, PLA

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 11:38:32 -04'00'

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

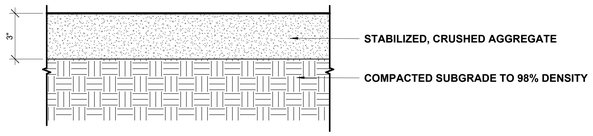
SHEET TITLE
SITE DETAILS

SHEET NUMBER LH-301

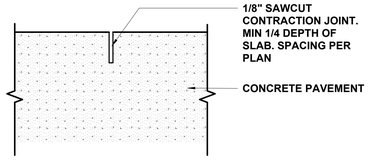
KEITH PROJECT NUMBER 13861.00

STATUS:

Drawing name:S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_test.dwg



1 STABILIZED COQUINA AGGREGATE PAVING
SCALE: 3" = 1'-0"



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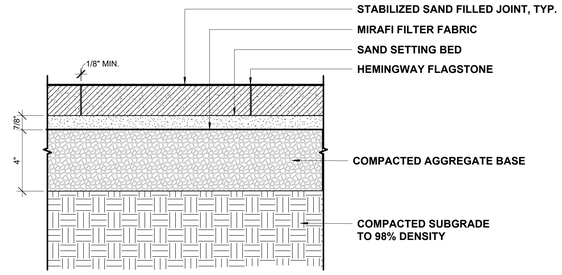
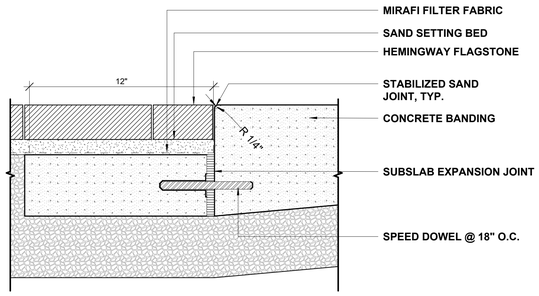
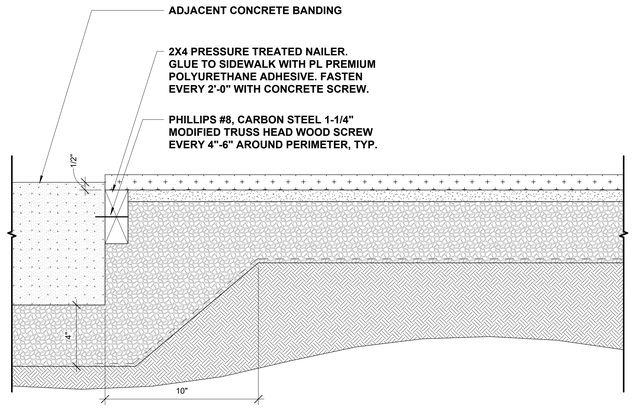


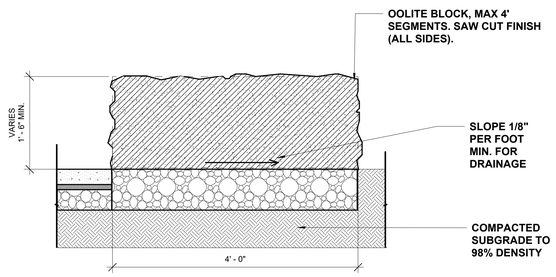
3 STONE PAVERS ON AGGREGATE BED
SCALE: 3" = 1'-0"



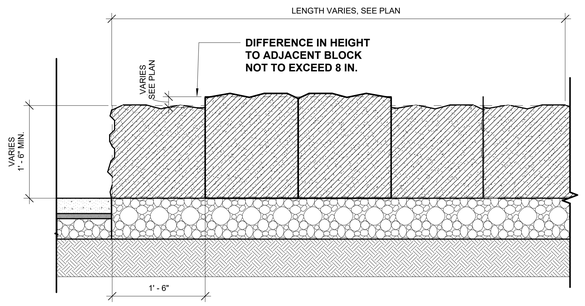
4 UNIT PAVER, AT CONCRETE PAVING
SCALE: 3" = 1'-0"



6 PLAYGROUND SURFACING - SYNTHETIC TURF
SCALE: 3" = 1'-0"



PROFILE SECTION



LONGITUDINAL SECTION

5 OOLITE SEAT WALL
SCALE: 1" = 1'-0"

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: LC26000457

LANDSCAPE ARCHITECT:

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407.871.9607
MKSKSTUDIOS.COM

ARCHITECT:

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MIAMI, FLORIDA 33126
727-822-5566
WJARC.COM AA0002277

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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
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

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 12:40:31 -04'00'

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

SHEET TITLE
SITE DETAILS

SHEET NUMBER LH-302

KEITH PROJECT NUMBER 13861.00

STATUS:

Drawing name:S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_test.dwg

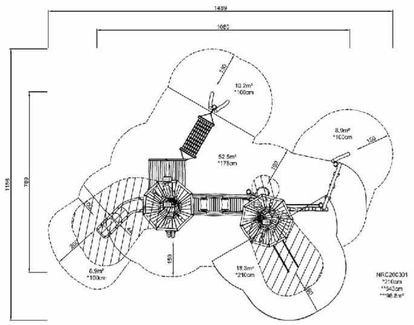
Warlock's Escape

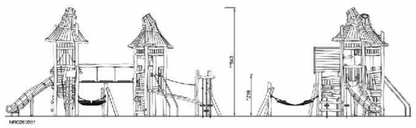
NRC200301

KOMPAN! Let's play

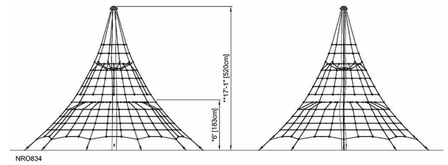
* Max fall height | ** Total height | *** Safety surfacing area

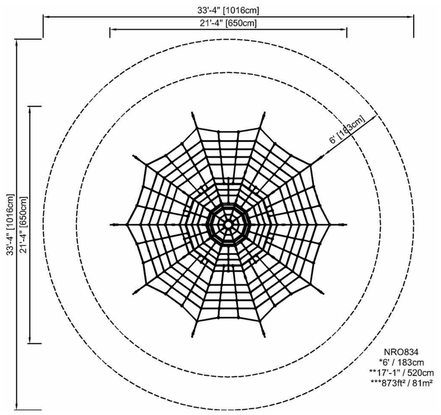
* Max fall height | ** Total height





1 PRIMARY PLAY STRUCTURE
NTS





2 TREE CLIMBER
NTS

ANOVA®

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

BH1884T

Beacon Hill Thermory® 4' Contour Bench

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.

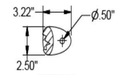
Rust-proof aluminum and rust-resistant primed steel components feature a fade-resistant powder coating. Treated components exceed the industry standard by 34% in testing by independent sources.

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

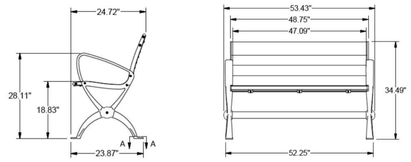
Color
See website or sales representative for color choices.

Maintenance
Clean Thermory with mild soap and water. Let dry thoroughly. To maintain original color, regularly apply standard deck oil, such as Cutek® 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.*



SECTION A-A
4X FOOT MOUNT



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Nov - 2023

3 BENCH
NTS

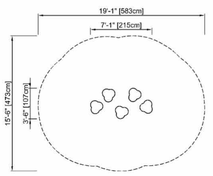
Waterlilies Balance Posts - 5 pcs

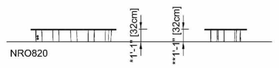
NRO820

KOMPAN! Let's play

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

* Max fall height | ** Total height





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

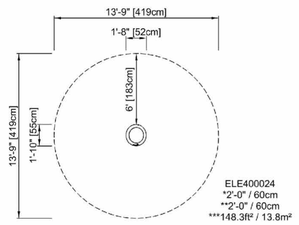
Spinner Bowl

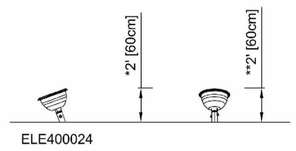
ELE400024

KOMPAN! Let's play

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

* Max fall height | ** Total height





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

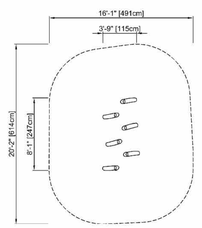
Stilts

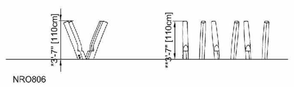
NRO806

KOMPAN! Let's play

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

* Max fall height | ** Total height





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

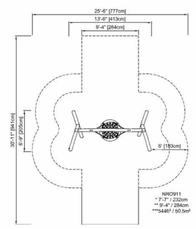
Birds Nest Swing

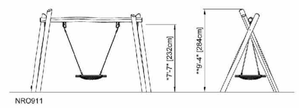
NRO911

KOMPAN! Let's play

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

* Max fall height | ** Total height





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

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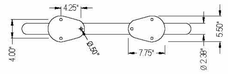
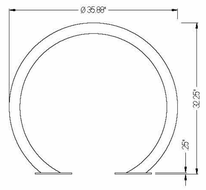


PLAN VIEW



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 7.75" 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
CIRCLEBRS2 - TANDEM STAINLESS STEEL BIKE RACK, SURFACE MOUNT

928-360 REVISION DATE 11/20/2023

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8 BIKE RACK
NTS

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SUITE 750
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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

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 12:52:32 -04'00'

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

SHEET TITLE
SITE DETAILS

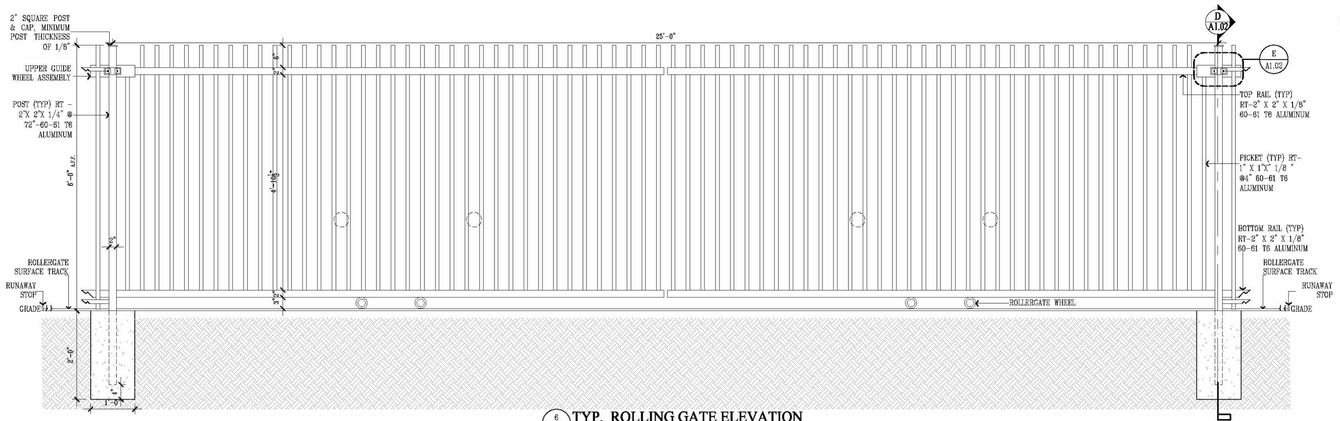
SHEET NUMBER LH-303

KEITH PROJECT NUMBER 13861.00

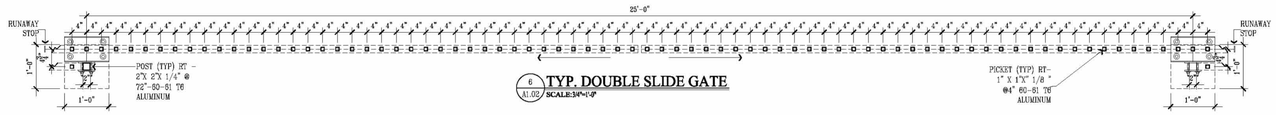
STATUS:

Drawing name:S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_bnt.dwg

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



6 A1.02 TYP. ROLLING GATE ELEVATION
SCALE:3/4"=1'-0"



6 A1.02 TYP. DOUBLE SLIDE GATE
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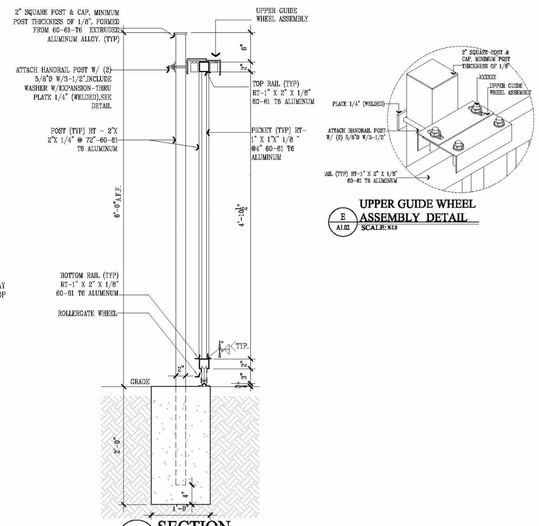

E A1.02 UPPER GUIDE WHEEL ASSEMBLY DETAIL
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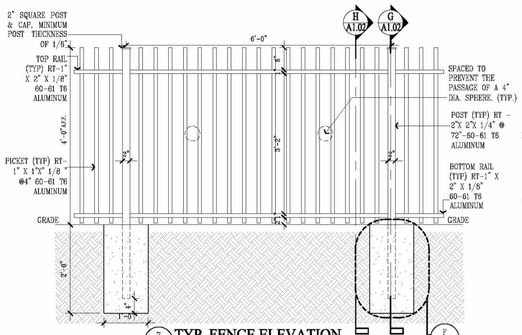

7 A1.01 TYP. FENCE ELEVATION
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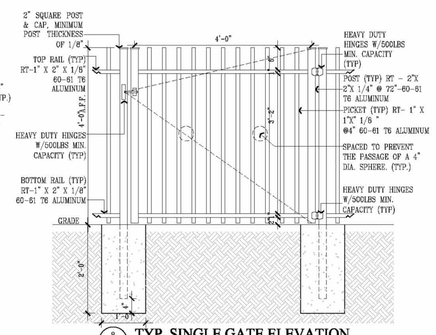

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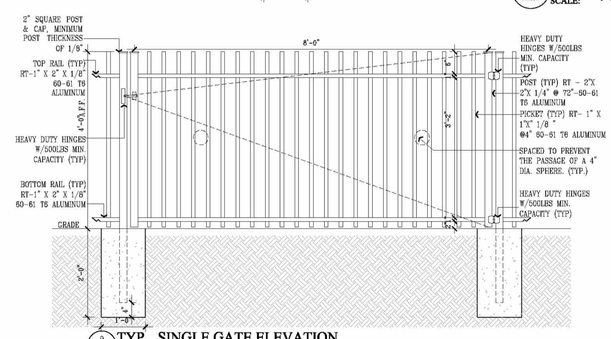
SCALE:



9 A1.01 TYP. SINGLE GATE ELEVATION
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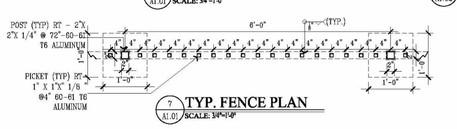

7 A1.01 TYP. FENCE PLAN
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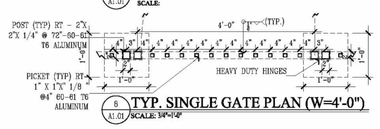

8 A1.01 TYP. SINGLE GATE PLAN (W=4'-0")
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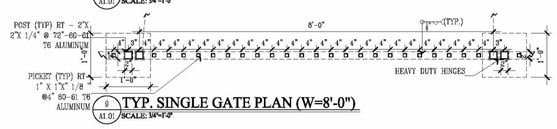

9 A1.01 TYP. SINGLE GATE PLAN (W=8'-0")
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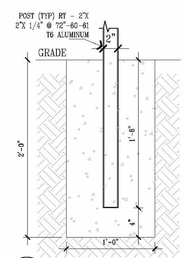

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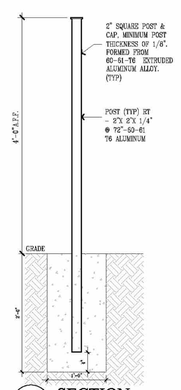

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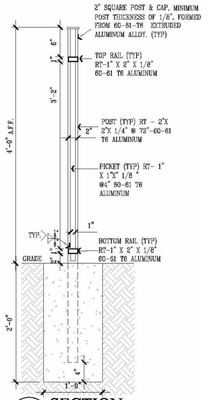

H A1.02 SECTION
SCALE: 1"=1'-0"

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

PROJECT LEAD & CIVIL ENGINEERING:

KEITH
301 EAST ATLANTIC BLVD.
POMPANO BEACH, FL 33060
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LA 6667624
STATE OF FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 13:01:54 -04'00'

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

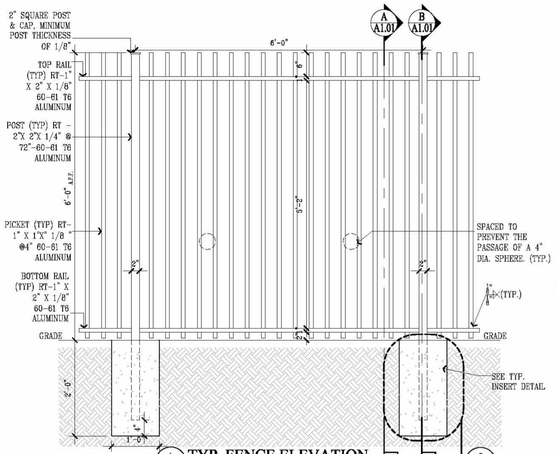
SHEET TITLE
SITE DETAILS

SHEET NUMBER LH-304

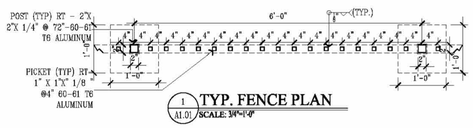
KEITH PROJECT NUMBER 13861.00

STATUS:

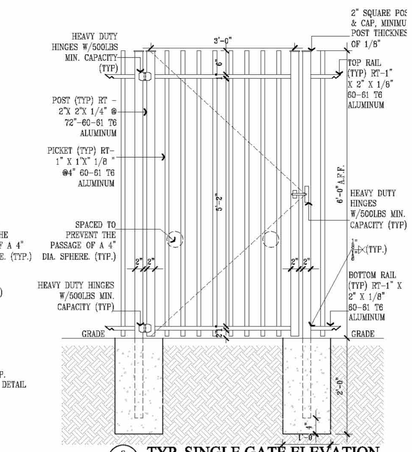
Drawing name:S:\Projects\23123\23123-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-CMP-TTLBK_test.dwg



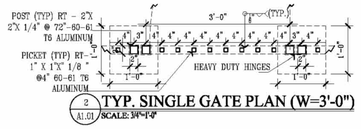
1 A1.01 TYP. FENCE ELEVATION
SCALE:3/4"=1'-0"



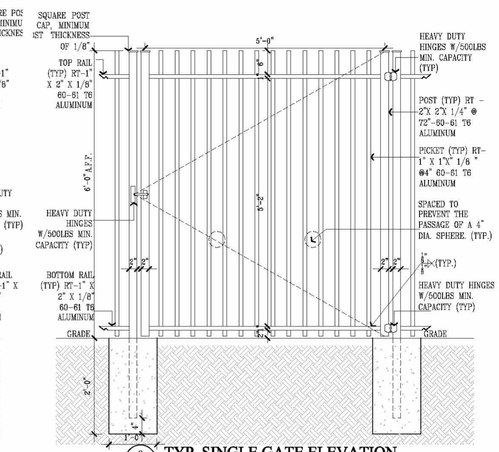
1 A1.01 TYP. FENCE PLAN
SCALE:3/4"=1'-0"



2 A1.01 TYP. SINGLE GATE ELEVATION
SCALE:



2 A1.01 TYP. SINGLE GATE PLAN (W=3'-0")
SCALE: 3/4"=1'-0"



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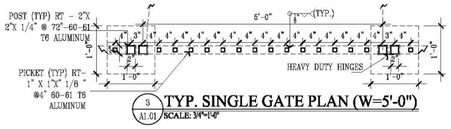
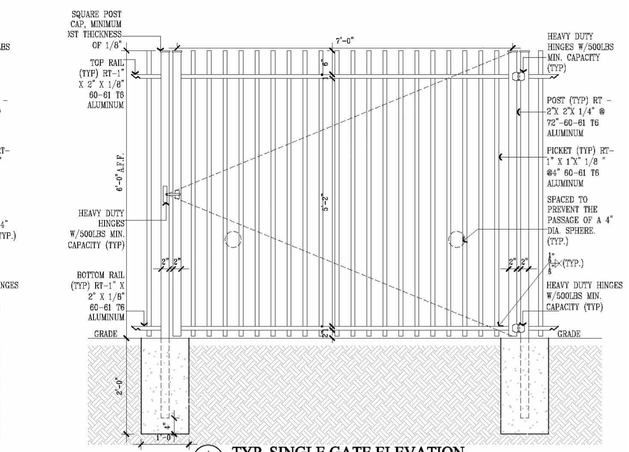
SCALE:



3 A1.01 TYP. SINGLE GATE PLAN (W=5'-0")
SCALE: 3/4"=1'-0"



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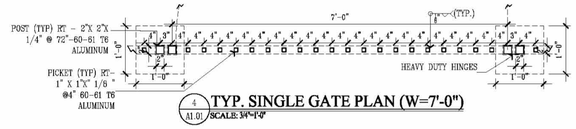
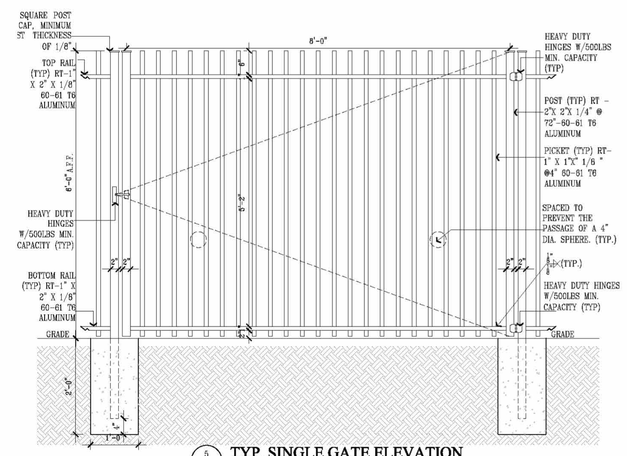


4 A1.01 TYP. SINGLE GATE PLAN (W=7'-0")
SCALE: 3/4"=1'-0"



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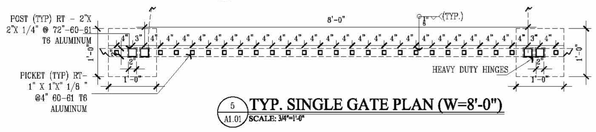
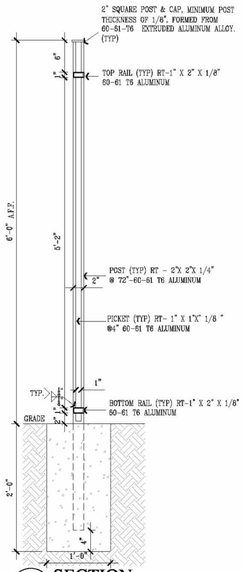
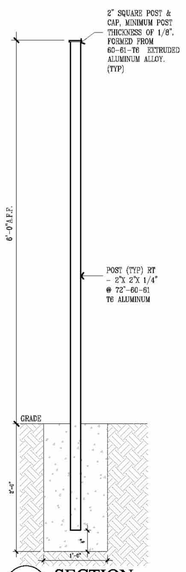
SCALE:



5 A1.01 TYP. SINGLE GATE PLAN (W=8'-0")
SCALE: 3/4"=1'-0"

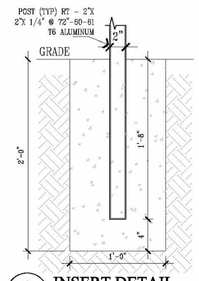


A A1.01 SECTION
SCALE:1"=1'-0"



B A1.01 SECTION
SCALE:1"=1'-0"

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



C A1.01 INSERT DETAIL
SCALE: 1-1/2"=1'-0"

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

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: LC26000457

LANDSCAPE ARCHITECT:

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MKSKSTUDIOS.COM

ARCHITECT:

WANNEMACHER JENSEN ARCHITECTS
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727-822-5566
WJARC.COM AA0002277

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
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

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 13:11:02 -04'00'

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

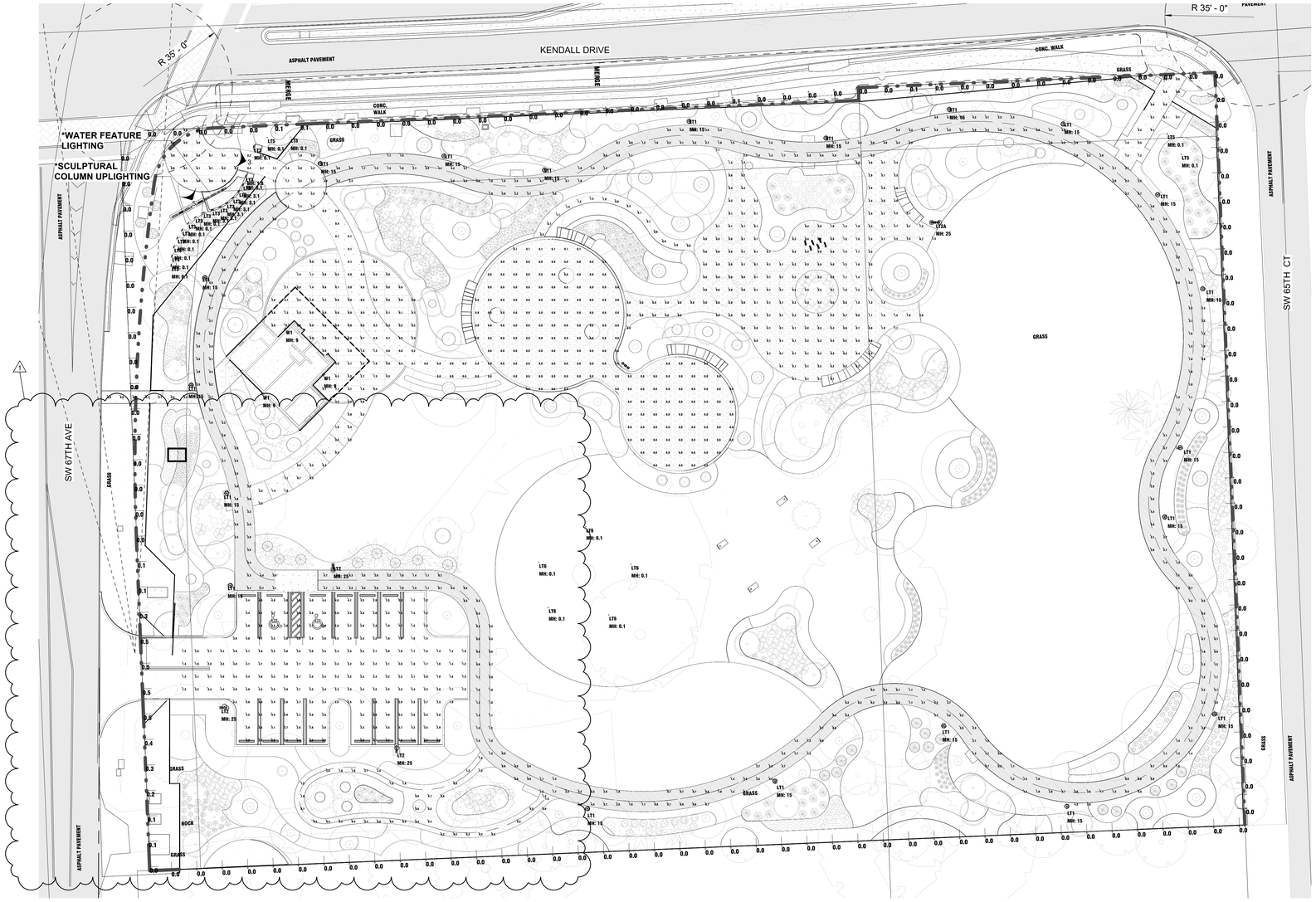
SHEET TITLE
SITE DETAILS

SHEET NUMBER LH-305

KEITH PROJECT NUMBER 13861.00

STATUS:

Drawing name:S:\Projects\2023\s2373S-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_test.dwg



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

0' 10' 20' 40'

N

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.
SOUTHVERICAL 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.G. 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	[MANUFAC]	Description	Tag	Mounting Height
	20	LT1 *	Single	2980	0.900	28	560	AEC	ARMODUE MINI 0F3 STE-M 3_7-1M	POLE MOUNT	15
	3	LT2 *	Single	11393	0.900	112	336	LUMCA	CP04XX 48LED07 107W 120V L4 30K	POLE MOUNT	25
	1	LT2A	Back-Back	11393	0.900	112	224	LUMCA	(2)CP04XX 48LED07 107W 120V L4 30K	POLE MOUNT	25
	16	LT3	Single	489	0.900	9	144	Insight Lighting	ME-MO-RGB30-Q-2020-EAB-6-12-VOLT-DMXFX-FINISH-VS	COLUMN SURFACE MOUNT	0.1, 3.1
	4	LT5	Single	462	0.900	6.8	27.2	B-K LIGHTING, INC.	DS-LED-E65-WFL-A9-FINISH-12-A-3600SL	GROUND MOUNT	0.1
	5	LT6	Single	462	0.900	6.8	34	B-K LIGHTING, INC.	HP2-LED-TR-X44-WFL-FINISH-10-ELV-MT	RECESSED IN GRADE	0.1
	53	UW	Single	169	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 INTERFEAR 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 OPOSITE THE MOST DIRECT VIEW FROM LANDSCAPE PATHS OR ROADWAYS.

5. ALL LUMINAIRES SHALL BEAR THE UL LISTING NUMBERS FROM A NATIONALLY RECOGNIZED TESTING LABORATORY

SESCO LIGHTING

PROJECT LEAD & CIVIL ENGINEERING:

KEITH
301 EAST ATLANTIC BLVD.
POMPANO BEACH, FL 33060
PH: (954) 788-3400
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ISSUE DATE: 11/21/2024
DESIGNED BY: MATTHEW MANDA, PLA
DRAWN BY: HALEY WOLFE, PLA
CHECKED BY: JONATHAN PETRUSHKA, PLA

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 13:18:55 -04'00'

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

STATUS:

Drawing name:S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_test.dwg

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 elliottii 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 porterweed	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:

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

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LA 6667624
STATE OF
FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 13:26:48 -04'00'

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

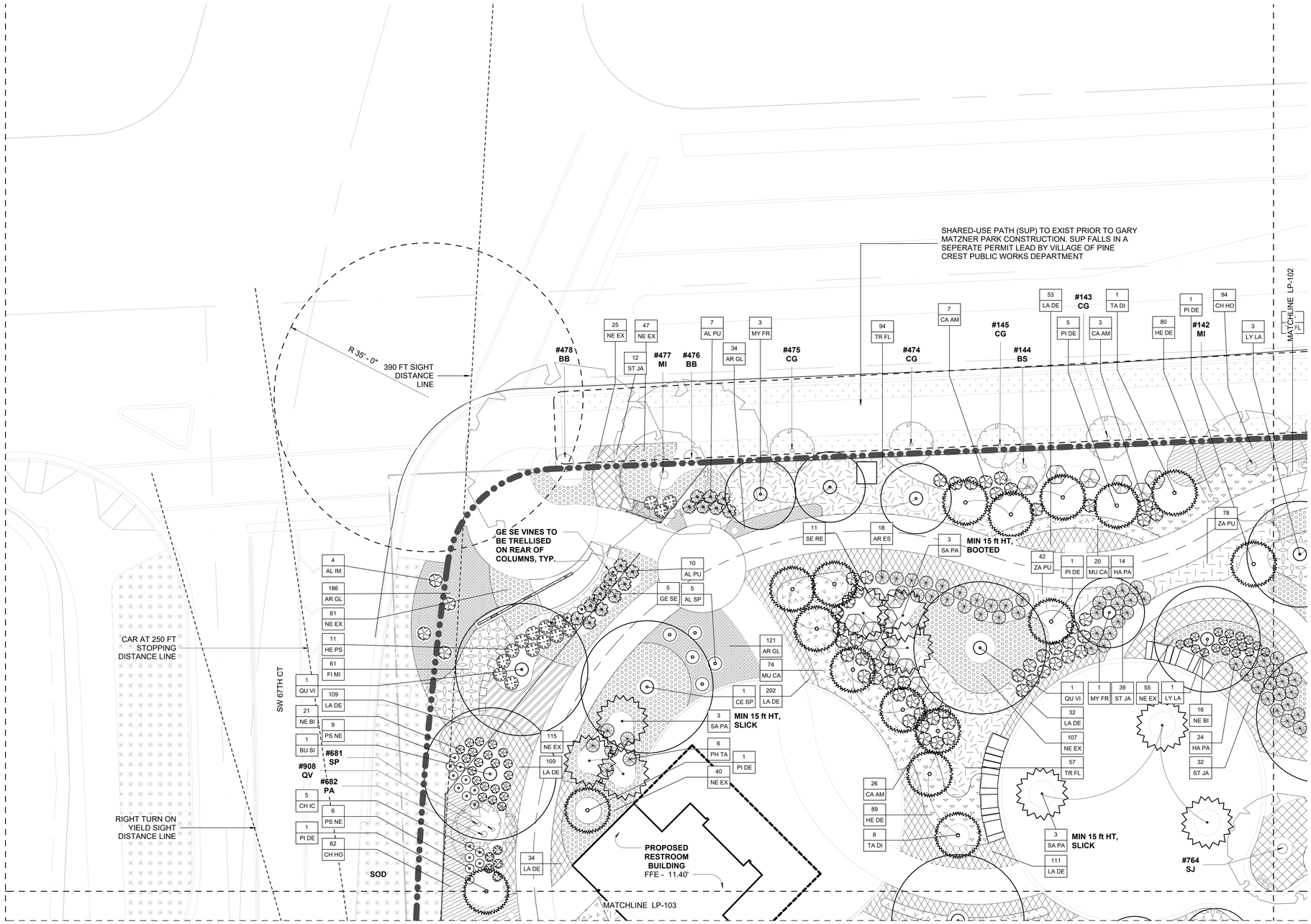
SHEET TITLE
PLANTING SCHEDULE

SHEET NUMBER LP-002

KEITH PROJECT NUMBER 13861.00

STATUS:

Drawing name:S:\Projects\2023\s23738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-CMP-TTLBK_test.dwg



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

0' 5' 10' 20'

N

TREES

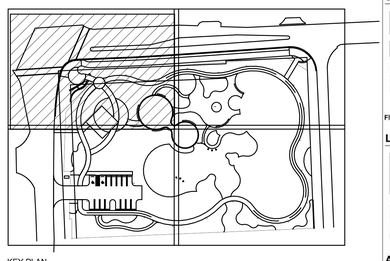
CODE	BOTANICAL NAME	COMMON NAME	CONDITION	SIZE	COMMENTS
BU SI	Bursera simaruba	Gumbo Limbo	B&B 30"	12' HT X 5' SPRD	-
CE SP	Ceiba speciosa	Silk Floss Tree	B&B 30"	12' HT X 5' SPRD	-
CH OL	Chrysophyllum oliviforme	Satinleaf	B&B 30"	12' HT X 5' SPRD	-
CL RO	Clusia rosea	Pitch apple	B&B 30"	12' HT X 5' 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 elliottii 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 arecina	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	Jasemine volubile	Wax Jasemine	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	

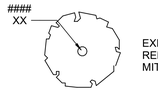


KEY PLAN

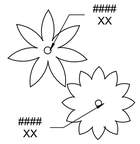
PLANTING NOTES

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 FILL 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 DISTURB AREA SUPPORTING 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. SOD 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 SOD AND LANDSCAPE TO RECEIVE 100% COVERAGE WITH 100% OVERLAP FROM AN AUTOMATIC IRRIGATION SYSTEM USING AN APPROVED WATER SOURCE.

EXISTING TREE LEGEND



EXISTING TREE TO REMAIN. SEE TREE MITIGATION PLAN.



EXISTING PALM TO REMAIN. SEE TREE MITIGATION PLAN.

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: LC26000457

LANDSCAPE ARCHITECT:

MKSK
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
727-822-5566
WJARC.COM AA0002277

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
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

MATTHEW W. MANDA
LICENSED
LA 6667624
STATE OF FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 13:35:57 -04'00'

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

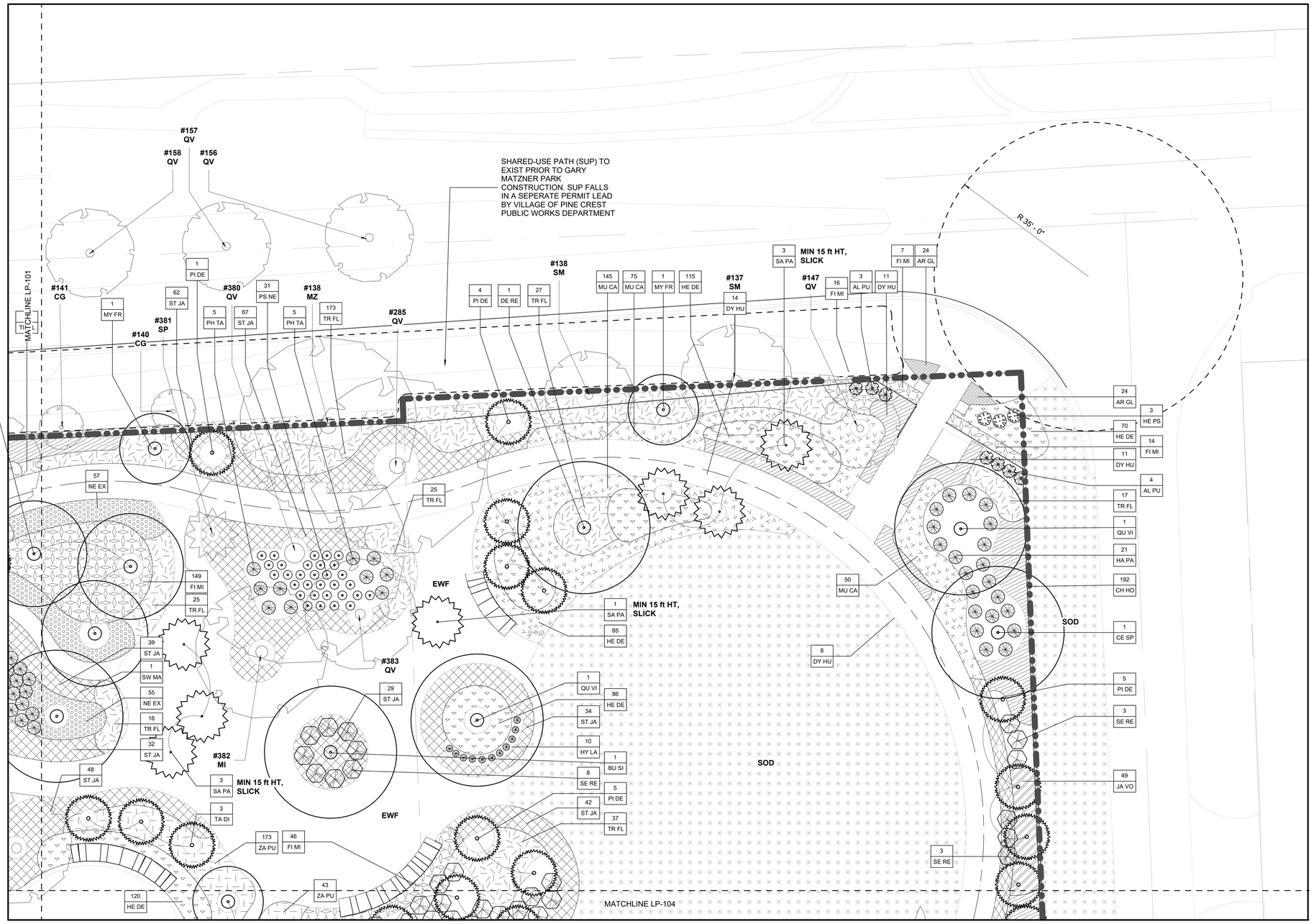
SHEET TITLE
PLANTING PLAN

SHEET NUMBER LP-101

KEITH PROJECT NUMBER 13861.00

STATUS:

Drawing name:S:\Projects\2023\s23735-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_test.dwg



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

0' 5' 10' 20'

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 elliottii 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
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TYPE MARK	BOTANICAL NAME	COMMON NAME	SIZE
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CH HO	Chrysobalanus icaco 'Horizontal'	Horizontal Cocoplum	24" HT x 24" SPRD
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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	Jasemine volubile	Wax Jasemine	12" HT x 16" SPRD
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MU CA	Muhlenbergia capillaris	Pink Muhly Grass	24" HT x 24" SPRD
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ST JA	Stachytarpheta jamaicensis	Blue porterweed	18" HT x 18" SPRD
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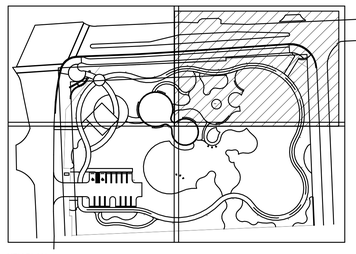
ZA PU		Cootnie	



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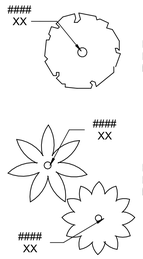

PROJECT LEAD & CIVIL ENGINEERING:
KEITH
301 EAST ATLANTIC BLVD.
POMPANO BEACH, FL 33060
PH: (954) 788-3400
Florida Engineering Business License: CA7928
Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC26000457

LANDSCAPE ARCHITECT:
MKSK
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
727-822-5566
WJARC.COM AA0002277

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
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

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 15:04:04 -04'00'

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

SHEET TITLE
PLANTING PLAN

SHEET NUMBER LP-102

KEITH PROJECT NUMBER 13861.00

STATUS:

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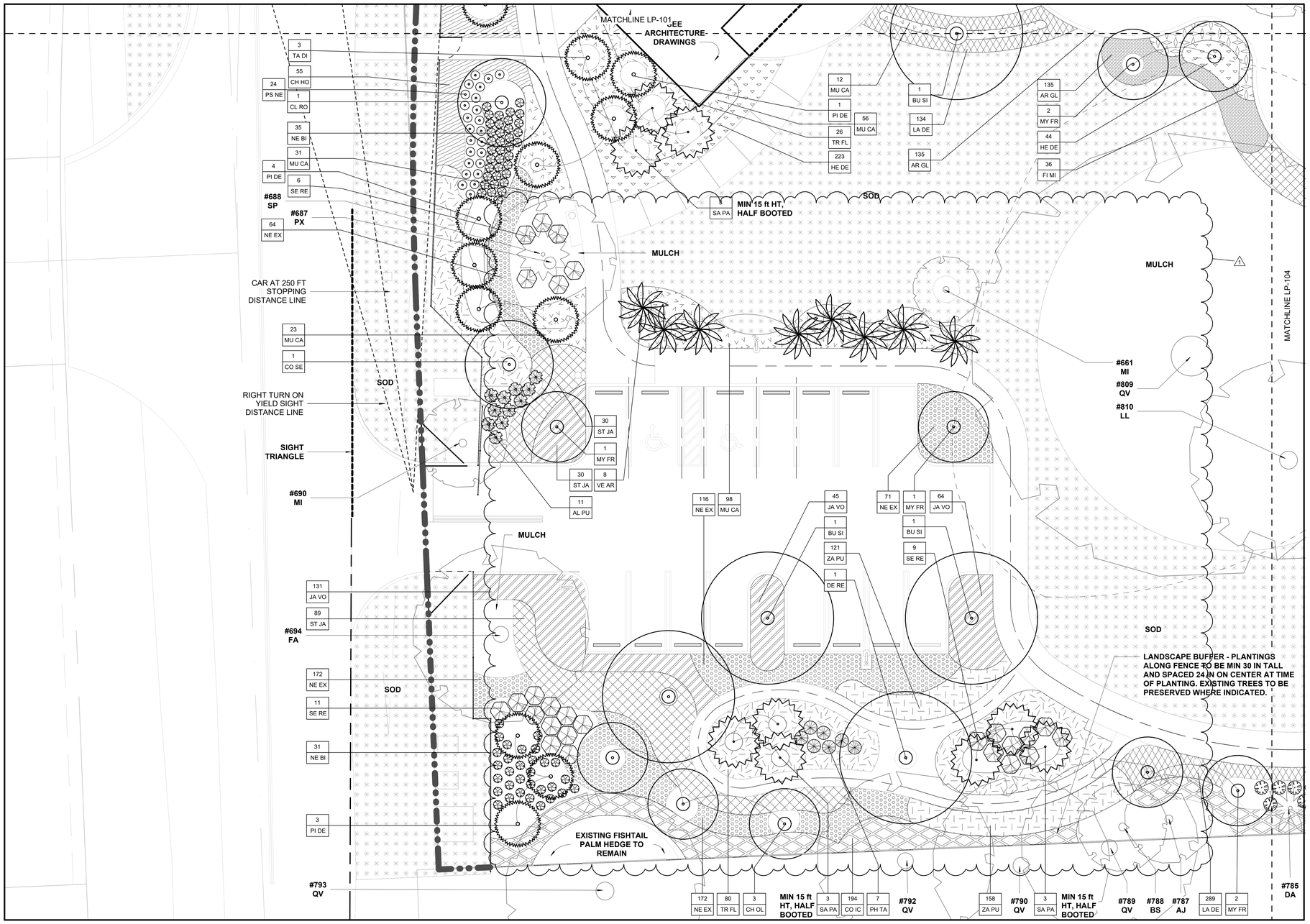

1 PLANTING PLAN - AREA 3
SCALE: 1" = 10'-0"

0' 5' 10' 20'

TREES

CODE	BOTANICAL NAME	COMMON NAME	CONDITION	SIZE	COMMENTS
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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 elliottii 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 arecina	Montgomery Palm	B&B 30"	15' GW	TRIPLE

SHRUBS

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AL SP	Alcantarea imperialis 'silver plum'	Giant Silver Plum Bromeliad	
AL PU	Alpinia purpurata	Red Ginger	30" HT x 30" SPRD
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CA AM	Callicarpa americana	Beautyberry	24" HT x 18" SPRD
CH IC	Chrysobalanus icaco	Green cocoplum	24" HT x 24" SPRD
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NE BI	Nephrolepis biserrata	Giant Sword Fern	24" HT x 24" SPRD
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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	Jasemine volubile	Wax Jasemine	12" HT x 16" SPRD
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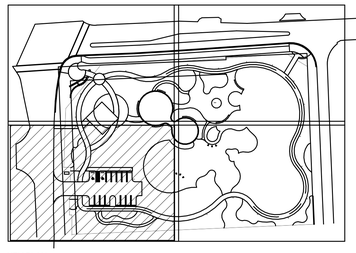

KEY PLAN

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15. ALL SOD AND LANDSCAPE TO RECEIVE 100% COVERAGE WITH 100% OVERLAP FROM AN AUTOMATIC IRRIGATION SYSTEM USING AN APPROVED WATER SOURCE.

EXISTING TREE LEGEND

XX — EXISTING TREE TO REMAIN. SEE TREE MITIGATION PLAN.

XX — EXISTING PALM TO REMAIN. SEE TREE MITIGATION PLAN.

PROJECT LEAD & CIVIL ENGINEERING:
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301 EAST ATLANTIC BLVD.
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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
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

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF
FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 15:13:47 -04'00'

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

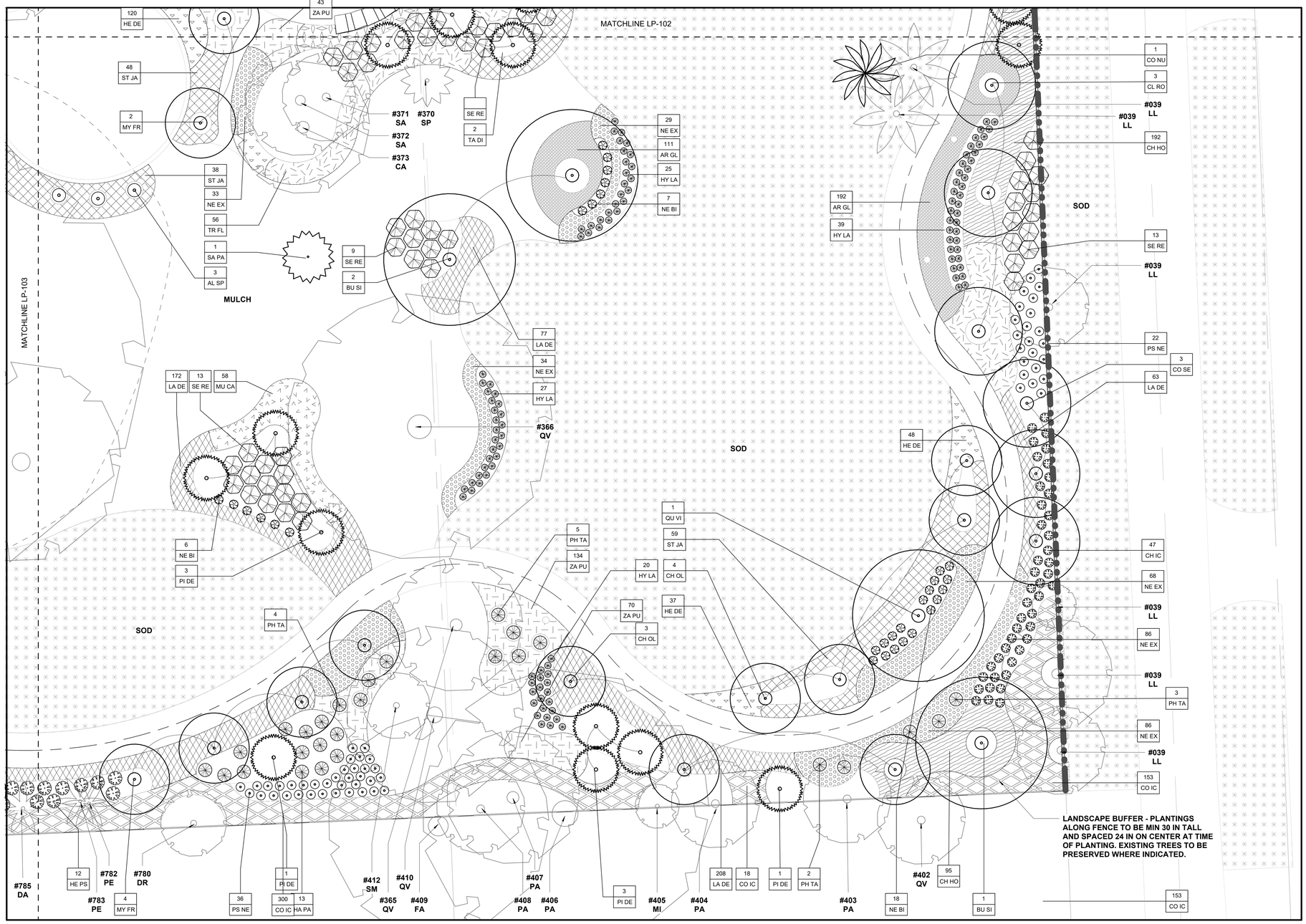
SHEET TITLE
PLANTING PLAN

SHEET NUMBER LP-103

KEITH PROJECT NUMBER 13861.00

STATUS:

Drawing name:S:\Projects\2023\s23738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_test.dwg



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

0' 5' 10' 20'

TREES

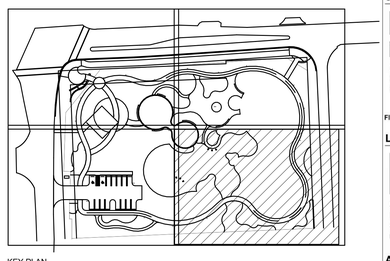
CODE	BOTANICAL NAME	COMMON NAME	CONDITION	SIZE	COMMENTS
BU SI	Bursera simaruba	Gumbo Limbo	B&B 30"	12' HT X 5' SPRD	-
CE SP	Ceiba speciosa	Silk Floss Tree	B&B 30"	12' HT X 5' SPRD	-
CH OL	Chrysophyllum oliviforme	Satinleaf	B&B 30"	12' HT X 5' SPRD	-
CL RO	Clusia rosea	Pitch apple	B&B 30"	12' HT X 5' 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 elliottii 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 arecina	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	Jasemine volubile	Wax Jasemine	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	



KEY PLAN

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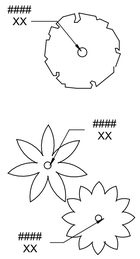

EXISTING TREE TO REMAIN. SEE TREE MITIGATION PLAN.

EXISTING PALM TO REMAIN. SEE TREE MITIGATION PLAN.

PROJECT LEAD & CIVIL ENGINEERING:
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MECHANICAL, PLUMBING, & ELECTRICAL ENGINEERING:
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5301 WATERFORD DISTRICT DR.
SUITE 750
954-421-1944
SGMENGINEERING.COM CA-00006208

REVISIONS

NO.	DESCRIPTION	DATE
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	REVISED FOR BUILDING PERMIT	01/10/25
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ISSUE DATE: 11/21/2024
DESIGNED BY: MATTHEW MANDA, PLA
DRAWN BY: HALEY WOLFE, PLA
CHECKED BY: JONATHAN PETRUSHKA, PLA

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 15:21:17 -04'00'

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

SHEET TITLE
PLANTING PLAN

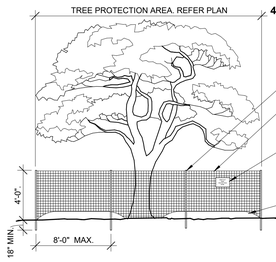
SHEET NUMBER LP-104

KEITH PROJECT NUMBER 13861.00

STATUS:

Drawing name:S:\Projects\2023\a3738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Lists\XR-CMP-TTLBK_test.dwg

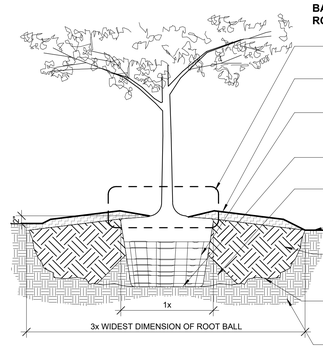
NOTE:
1. SEE SECTION 01 56 39 - TEMPORARY TREE AND PLANT PROTECTION FOR FENCING AND PRUNING REQUIREMENTS.
2. LIMB AND PRUNING OF TREES SHALL BE PERMITTED ONLY AT THE DIRECTION OF THE APPROVED AND CERTIFIED ARBORIST.
3. NO EQUIPMENT SHALL BE PERMITTED INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
4. FENCE TO REMAIN IN PLACE THROUGH ENTIRETY OF CONSTRUCTION.



METAL FENCE POST
TREE PROTECTION FENCE: HIGH DENSITY POLYETHYLENE FENCING SECURED WITH 3-TIES MINIMUM PER POST.
PROTECTION ZONE SIGNAGE PANEL SIZE: 12x18", ALL CAP LETTERING PAINTED RED ON WHITE BACKGROUND.
4" THICK LAYER OF MULCH
MAINTAIN EXISTING GRADE AT THE TREE PROTECTION FENCE

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

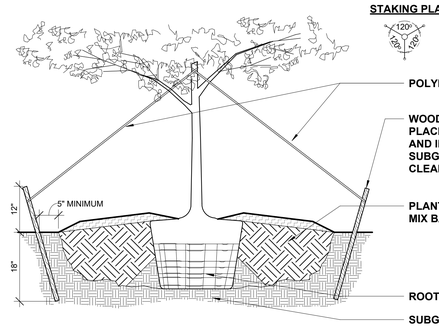
NOTE:
1. POSITION CROWN OF ROOT BALL 2" ABOVE FINISHED GRADE AND ON-CENTER OF EXCAVATED HOLE.
2. PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND THE ROOT BALL IN 6" LIFTS TO BRACE TREE. DO NOT OVER COMPACT. WHEN THE PLANTING HOLE HAS BEEN BACKFILLED, POUR WATER AROUND THE ROOT BALL TO SETTLE THE SOIL.



ROOT BALL MODIFIED - SEE "TREE ROOT FLARE CORRECTION" DETAIL
3" MULCH LAYER. KEEP CROWN OF TRUNK CLEAR OF MULCH BY 3"
REMOVE UPPER 1/3 OF WIRE BASKET AND BURLAP. REMOVE TRIMMED PIECES FROM SITE.
BOTTOM OF ROOT BALL TO REST ON EXISTING OR RECOMPACTED SOIL
COMPACT SOIL AT BASE OF ROOT BALL TO STABILIZE TREE
FINISHED/ORIGINAL GRADE
SPECIFIED BACKFILL SOIL MIX, UNLESS NOTED OTHERWISE ON SOILS PLAN. MAXIMUM 6" LIFTS.
EXCAVATED TREE PIT. ROUGHEN SIDE WALLS BEFORE BACKFILLING WITH SOIL MIX
EXISTING SOIL

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

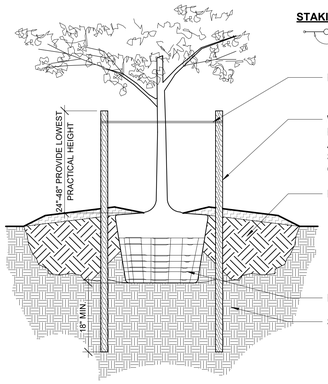
STAKING PLAN



POLYPROPYLENE STRAPS
WOODEN GUY STAKES, PLACE EQUALLY AROUND AND INTO UNDISTURBED SUBGRADE AND MIN. 2" CLEAR OF ROOT BALL
PLANTING SOIL MIX BACKFILL
ROOT BALL
SUBGRADE

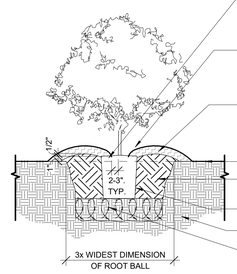
3 TREE STAKING DETAIL (3" CAL. OR LARGER)
SCALE: 3/4" = 1'-0"

STAKING PLAN



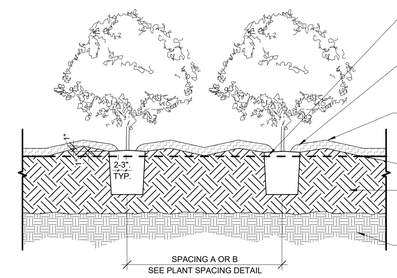
PREVAILING WINDS
POLYPROPYLENE STRAPS
WOODEN GUY STAKES, PLACE EQUALLY AROUND AND INTO UNDISTURBED SUBGRADE AND MIN. 2" CLEAR OF ROOT BALL
PLANTING SOIL MIX BACKFILL
ROOT BALL
SUBGRADE

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



SET ROOT BALL 1-2" ABOVE FINISH GRADE PROVIDING POSITIVE DRAINAGE AWAY FROM CENTER OF PLANT
MULCH RING - SEE SPECIFICATION FOR RING SIZE AND THICKNESS. MAINTAIN MULCH 2-3" OFF TRUNK BASE OF PLANT
MOUND SOIL MIX APPROX. 1" HIGH TO TEMPORARILY CONTAIN WATER OVER ROOT BALL. MOUND TO SETTLE INTO PLANTING PIT OVER TIME
FINISH GRADE
BACKFILL USING SPECIFIED SOIL MIX. DO NOT OVER COMPACT (MAX. 85%)
LOOSEN SIDES OF ROOT BALL
EXISTING SOIL
PLANTING AREA TRANSITION LAYER. MIX SOIL AND COMPACT LIGHTLY SLOPING GRADE OUTWARD/AWAY FROM ROOT BALL

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



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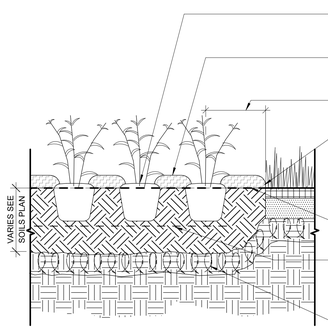
MULCH - SEE SPECIFICATION FOR THICKNESS. MAINTAIN MULCH 2-3" OFF TRUNK BASE OF PLANT
MOUND SOIL MIX APPROX. 1" HIGH TO TEMPORARILY CONTAIN WATER OVER ROOT BALL. MOUND TO SETTLE INTO PLANTING PIT OVER TIME
FINISH GRADE - SLOPE EDGE OF PLANTING BED
REFER TO PLANTING SOIL MIX INSTALLATION DETAIL AND SOIL PLANS FOR DEPTH OF SOIL, SOIL MIX TYPE AND TRANSITION LAYER INFORMATION
SUBGRADE

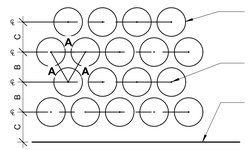
7 SHRUB PLANTING DETAIL (MASS PLANTING AND HEDGES)
SCALE: 1" = 1'-0"



PERENNIAL PLANT, SET ROOT BALL 1/2"-1" HIGHER THAN FINISH GRADE.
2" MINIMUM SPECIFIED MULCH, KEEP MULCH AWAY FROM STEMS
PLANTING SETBACK 'C' SEE PLANT SPACING DETAIL
BED EDGE. CONDITIONS VARY. REFER TO LAYOUT PLANS
FINISH GRADE
PLANTING SOIL AT 6" MAXIMUM LIFTS. SEE PLANTING SOIL MIX INSTALLATION DETAIL
PLANTING SOIL. TRANSITION LAYER

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

NOTE:
LAYOUT PLANTS ALONG PERIMETER OF PLANTING BED FIRST, PARALLEL TO AND UNIFORMLY OFFSET FROM EDGE OF BED. FILL OUT INTERIOR OF BED ON UNIFORM GRID AS SHOWN.



ADJACENT PLANTING TYPE
CENTER OF PLANT
EDGE OF PLANTING AREA

"C"=30" SETBACK FOR SHRUBS
18" SETBACK FOR PERENNIALS
12" SETBACK FOR GROUNDCOVER

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

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

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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

MATTHEW W. MANDA
LICENSE
LA 6667624
STATE OF FLORIDA
PROFESSIONAL LANDSCAPE ARCHITECT

Digitally signed by Matthew W Manda
Date: 2025.08.26 15:29:01 -04'00'

CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT
GARY MATZNER PARK

SHEET TITLE
PLANTING DETAILS

SHEET NUMBER LP-501

KEITH PROJECT NUMBER 13861.00

STATUS:

Drawing name:S:\Projects\2023\23735-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_test.dwg