

	1	2	3	4	5	6
E	GENERAL NOTES					
	A. BASE INFORMATION			E. EROSION CONTROL		
	1. THE BASE MAPPING / SURVEY WAS PREPARED BY INSERT COMPANY NAME, ADDRESS AND PHONE NUMBER. FIELD VERIFY EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCING WITH WORK.			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. 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.			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. NORTHING AND EASTING POINTS, WHERE SHOWN ARE BASED ON STATE PLANE COORDINATE SYSTEM AS REFERENCED FROM THE SITE SURVEY.			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.		
	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			F. SITE CLEANING		
	1. UNLESS OTHERWISE NOTED FOR THE PROJECT'S SITE DEVELOPMENT AND SPECIFICATIONS DOCUMENTS, THE LANDSCAPE ARCHITECT, SHALL BE THE OWNER'S REPRESENTATIVE.			1. PROVIDE APPROPRIATE CONTROL MEASURES DURING CONSTRUCTION TO PREVENT AIRBORNE DUST TO ADJACENT CITY PROPERTIES AND WALKWAYS.		
	2. CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH PROJECT DRAWINGS AND SPECIFICATIONS FOR ALL DIVISIONS OF WORK.			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.		
D	3. 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. 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. 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. REMOVE AND DISPOSE OF LEGALLY ALL RUBBISH AND CONSTRUCTION DEBRIS IMMEDIATELY, UNLESS OTHERWISE INDICATED ON DRAWINGS.		
	5. 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.			G. PROJECT SPECIFIC NOTES		
	6. 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.			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.		
	7. NOTIFY OWNER'S REPRESENTATIVE 72 HOURS IN ADVANCE OF ANY PLANNED UTILITY INTERRUPTION.			2. CAREFULLY REMOVE, CLEAN AND PACK ITEMS DESIGNATED TO BE SALVAGED. TRANSPORT ITEMS TO OWNER.		
	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 RESPONSIBLY 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.					
B	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, SIGMAOL, 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					
A						

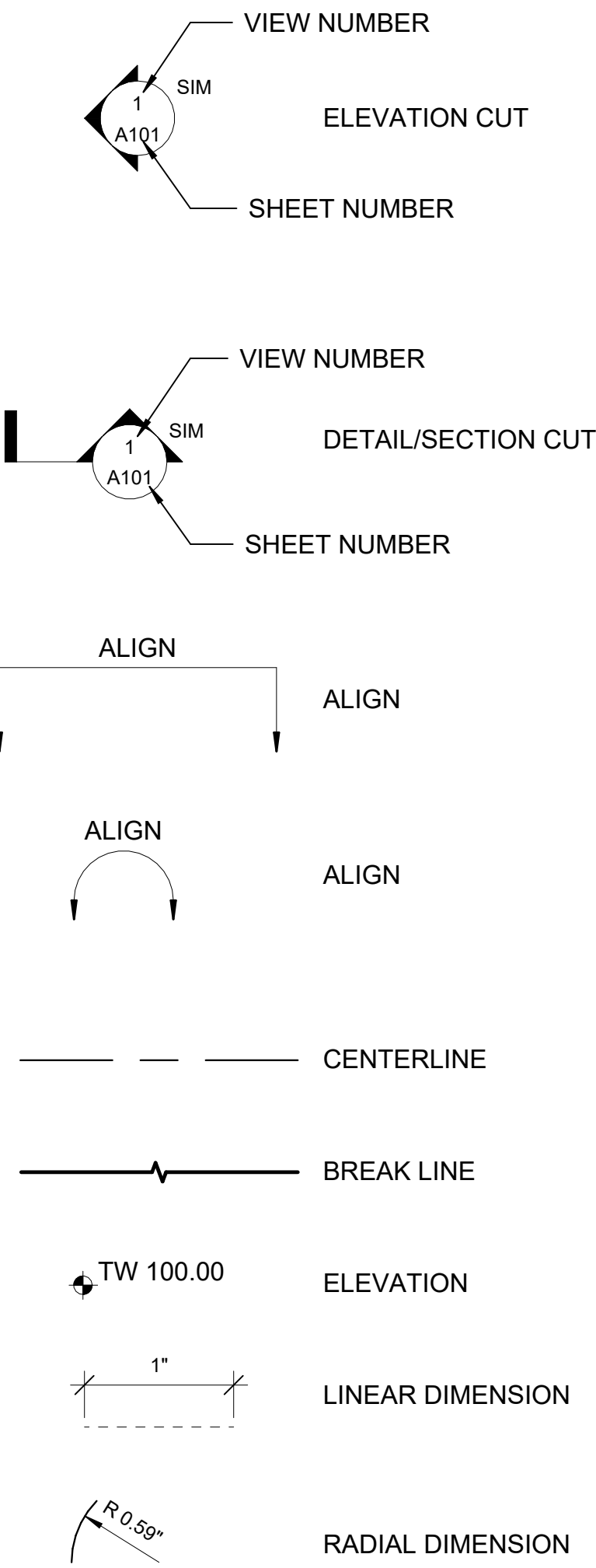
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ABBREVIATIONS

AB	ANCHOR BOLT	QC	QUICK COUPLER
ADA	AMERICANS WITH DISABILITIES ACT	QTY	QUANTITY
ADD	ADDENDUM	R	RADIUS
ADJ	ADJACENT	RD	ROUND
AGG	AGGREGATE	REIN	REINFORCED
AL	ALIGN	REM	REMOVE
ALT	ALTERNATE	REQD	REQUIRED
ALUM	ALUMINUM	REV	REVISION
APPR	APPROXIMATE	RIM	RIM ELEVATION
ARCH	ARCHITECT	SCH	SCHEDULE
AUTO	AUTOMATIC	SEC	SECTION
MEASURE	ALIGN WITH ARCHITECTURE	SHT	SHEET
AWC	ALIGN WITH CENTER	SIM	SIMILAR
B&B	BALLED AND BURLAPPED	SNL	SEALANT
BC	BACK OF CURB	SPEC	SPECIFICATION
BEL	BELOW	SPR	SPREAD
BET	BETWEEN	SS	STAINLESS STEEL
BIT	BITUMINOUS	ST	SINGLE TRUNK
BLDG	BUILDING	STD	STANDARD
BLK	BLOCK	STRUC	STRUCTURAL
BOT	BOTTOM	SO	SQUARE
BR	BARE ROOT	TBD	TO BE DETERMINED
BRK	BRICK	TC	TOP OF CURB
BS	BOTH SIDES	TCB	TOP OF COLUMN BASE
BTC	BOTTOM OF CURB	TCM	TOP OF COLUMN
BTF	BOTTOM OF FOOTING	TEMP	TEMPERATURE
BTS	BOTTOM OF STEPS	TF	TOP OF FOOTING
BTW	BOTTOM OF WALL	TS	TOP OF STAIRS
BVL	BEVEL	TW	TOP OF WALL
BW	BACK OF WALL	TYP	TYPICAL
BYND	BEYOND	UC	UNDERCUT
CAL	CALIPER	UNO	UNLESS NOTED OTHERWISE
CB	CATCH BASIN	VERT	VERTICAL
CIP	CAST-IN-PLACE	VIF	VERIFY IN FIELD
CJ	CONTROL JOINT	W	WITH
CL	CENTER LINE	W/O	WITHOUT
CMU	CONCRETE MASONRY UNIT	WLA	WATER LEVEL AVERAGE
CO	CLEANOUT	WLS	WATER LEVEL STATIONARY
COL	COLUMN	WM	WIRE MSH
CONC	CONCRETE	WP	WATERPROOFING
CONT	CONTINUOUS	WR	WASTE RECEPTABLE
CRS	COURSE	WWF	WELDED WIRE FABRIC
CT	CLEAR TRUNK		
CTR	CENTER		
DBH	DIAMETER AT BRESTA HEIGHT		
DEM	DEMOLISH		
DIA	DIAMETER		
DIM	DIMENSION		
DN	DOWNSPOUT		
DTL	DETAIL		
DWG	DRAWING		
E	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 CONTRACT		
NOM	NOMINAL		
NTS	NOT TO SCALE		
OK	OVERALL		
OC	ON CENTER		
OD	OUTSIDE DIAMETER		
POC	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		



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NO.	DESCRIPTION	DATE
	ISSUED FOR BUILDING PERMIT	11/21/24
	REVISED FOR BUILDING PERMIT	01/10/25

ISSUE DATE: 11/21/2024

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CLIENT

VILLAGE OF PINECREST

PINECREST PARKS & RECREATION

PROJECT

GARY MATZNER PARK

SHEET TITLE

INDEX, NOTES, & LEGENDS

SHEET NUMBER

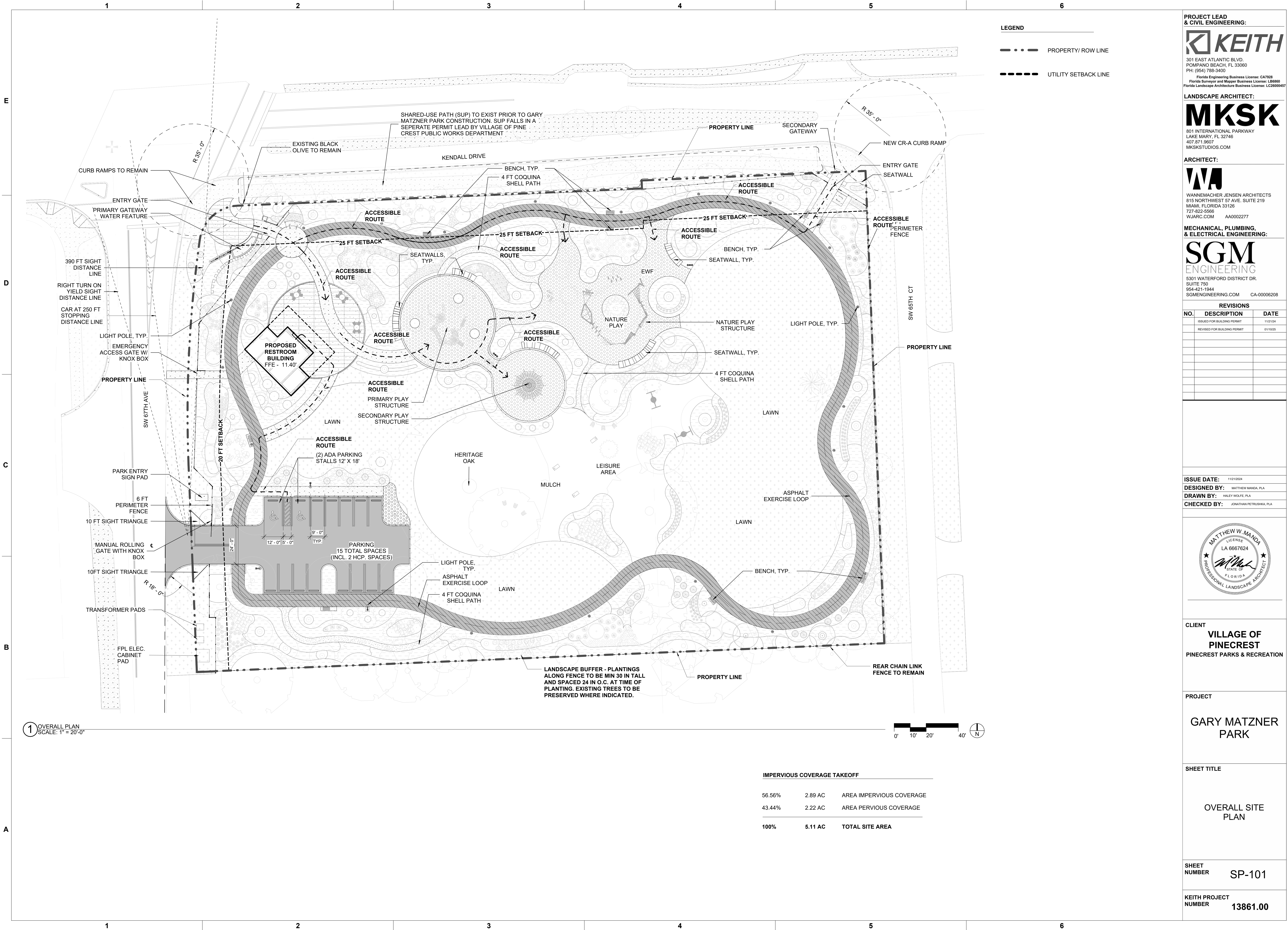
G-001

KEITH PROJECT NUMBER

13861.00

Drawing name: S:\Projects\2023\232738-Pinecrest, FL Gary Matzner Park Design\BIM, CAD, GIS\BIM\CAD Linework\GMP-TTL.BK Last.dwg

STATUS:



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CHECKED BY: JONATHAN PETRUSHKA, PLA

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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:

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	<i>Lythium Latisiliquum</i>	6	25	15	706.5	50%	SHADE TREE 3	REMOVED	POOR CANOPY, LEANS, TRUNK DAMAGE
120	FICUS BENJAMINA	<i>Ficus benjamina</i>	N/A	20	8	25.12	N/A	N/A	REMOVED	OVERGROWN HEDGE, INVASIVE, REMOVE
121	FICUS BENJAMINA	<i>Ficus benjamina</i>	N/A	20	8	25.12	N/A	N/A	REMOVED	OVERGROWN HEDGE, INVASIVE, REMOVE
122	GUMBO LIMBO	<i>Bursara simaruba</i>	8	22	18	1017.36	65%	N/A	PRESERVED	OPEN CANOPY, SHADED
137	MAHOAGANY	<i>Swietenia mahagoni</i>	14	32	20	1962.5	75%	N/A	PRESERVED	CIRCLING ROOTS
138	MAHOAGANY	<i>Swietenia mahagoni</i>	10	30	20	1256	75%	N/A	PRESERVED	
139	SAPODILLA	<i>Manilkara zapota</i>	26	38	40	5024	70%	N/A	PRESERVED	INCLUDED BARK, CIRCLING ROOTS, SIGNS OF DECAY, SHARED CANOPY, INVASIVE
140	BRIDAL VEIL	<i>Caesalpinia granadillo</i>	5	16	10	314	75%	N/A	PRESERVED	
141	BRIDAL VEIL	<i>Caesalpinia granadillo</i>	5	16	10	314	75%	N/A	PRESERVED	
142	MANGO	<i>Mangifera indica</i>	15	25	25	1962.5	75%	N/A	PRESERVED	
143	BRIDAL VEIL	<i>Caesalpinia granadillo</i>	4	15	8	200.96	75%	N/A	PRESERVED	
144	GUMBO LIMBO	<i>Bursara simaruba</i>	5	15	6	113.04	70%	N/A	PRESERVED	GROWING IN PLANTER
145	BRIDAL VEIL	<i>Caesalpinia granadillo</i>	3	14	5	78.5	60%	N/A	PRESERVED	TRUNK DAMAGE, LEANING
146	COCONUT PALM	<i>Cocos nucifera</i>	8	9	12	452.16	70%	N/A	PRESERVED	
147	LIVE OAK	<i>Quercus virginiana</i>	10	15	18	1017.36	70%	N/A	PRESERVED	CO-DOMINANT
156	LIVE OAK	<i>Quercus virginiana</i>	8	25	25	1962.5	75%	N/A	PRESERVED	ACROSS ROAD - OFFSITE
157	LIVE OAK	<i>Quercus virginiana</i>	8	25	25	1962.5	75%	N/A	PRESERVED	ACROSS ROAD - OFFSITE
158	LIVE OAK	<i>Quercus virginiana</i>	8	25	25	1962.5	75%	N/A	PRESERVED	ACROSS ROAD - OFFSITE
285	LIVE OAK	<i>Quercus virginiana</i>	24	38	40	5024	75%	N/A	PRESERVED	SHARED CANOPY
365	LIVE OAK	<i>Quercus virginiana</i>	22	40	30	2826	75%	N/A	PRESERVED	SHADE, ONE-SIDED, VINES
366	LIVE OAK	<i>Quercus virginiana</i>	37.5	32	60	11304	70%	N/A	PRESERVED	SUCKERS, LOW BRANCHING FROM PRUNING, UTILITY LINE RUNNING THROUGH
370	SABAL PALM	<i>Sabal palmetto</i>	10	12	10	314	70%	N/A	PRESERVED	
371	UMBRELLA TREE	<i>Schefflera actinophylla</i>	12	25	20	1256	65%	N/A	PRESERVED	INVASIVE
372	UMBRELLA TREE	<i>Schefflera actinophylla</i>	15	30	25	1962.5	N/A	N/A	PRESERVED	INVASIVE
373	BEAUTYLEAF SPP	<i>Calophyllum spp.</i>	6	20	30	2826	65%	N/A	PRESERVED	CLUSTER, CROSSING TRUNKS, HORIZONTAL CHARACTER, UNIQUE STRUCTURE, REMOVE INVASIVES AND KEEP IN PLACE
374	TROPICAL ALMOND	<i>Terminalia catappa</i>	9	25	10	31.4	50%	N/A	REMOVED	INVASIVE
380	LIVE OAK	<i>Quercus virginiana</i>	18.18.13	35	50	7850	75%	N/A	PRESERVED	
381	SABAL PALM	<i>Sabal palmetto</i>	5	10	5	31.4	60%	N/A	PRESERVED	CURVED TRUNK
382	MANGO	<i>Mangifera indica</i>	12.15.5	35	30	2826	65%	N/A	PRESERVED	MULTI TRUNK
383	LIVE OAK	<i>Quercus virginiana</i>	16	25	25	1962.5	75%	N/A	PRESERVED	SHADE CANOPY, ONE SIDED CANOPY
384	ROSE APPLE	<i>Syzygium jambos</i>	20	20	30	2826	40%	N/A	REMOVED	MULTI TRUNK, CLUSTER, CROSSING BRANCHES, ROT, POOR, SHARED CANOPY
402	LIVE OAK	<i>Quercus virginiana</i>	20	25	25	1962.5	75%	N/A	PRESERVED	OFF-SITE, OVERHANGS ONTO OUR PROPERTY
403	AVOCADO	<i>Persea americana</i>	13	20	20	1256	70%	N/A	PRESERVED	LEANS, ON PROPERTY LINE, OVERHANGS ONTO OUR PROPERTY
404	AVOCADO	<i>Persea americana</i>	12	20	20	1256	70%	N/A	PRESERVED	MULTI TRUNK, ON PROPERTY LINE, OVERHANGS ONTO OUR PROPERTY
405	MANGO	<i>Mangifera indica</i>	7	16	10	314	65%	N/A	PRESERVED	CO-DOMINANT, SHADED, ON PROPERTY LINE, OVERHANGS ONTO OUR PROPERTY
406	AVOCADO	<i>Persea americana</i>	14	35	20	1256	65%	N/A	PRESERVED	ON PROPERTY LINE, OVERHANGS ONTO OUR PROPERTY
407	AVOCADO	<i>Persea americana</i>	14	35	30	2826	65%	N/A	PRESERVED	
408	AVOCADO	<i>Persea americana</i>	12	25	20	1256	65%	N/A	PRESERVED	
409	STRANGLER FIG	<i>Ficus aurea</i>	38	45	50	7850	70%	N/A	PRESERVED	OFF-SITE, OVERHANGS ONTO OUR PROPERTY
410	LIVE OAK	<i>Quercus virginiana</i>	23	35	40	5024	75%	N/A	PRESERVED	ONE-SIDED CANOPY, DIEBACK
411	TROPICAL ALMOND	<i>Terminalia catappa</i>	22	35	30	94.2	50%	N/A	REMOVED	ONE-SIDED CANOPY, INVASIVE
412	MAHOAGANY	<i>Swietenia mahagoni</i>	13	35	13	194.5	50%	N/A	PRESERVED	CO-DOMINANT, GROWING OUT OF LIVE OAK SHADE
423	COCONUT PALM	<i>Cocos nucifera</i>	10	7	20	1256	70%	N/A	PRESERVED	
424	MANGO	<i>Mangifera indica</i>	11	25	20	1256	60%	N/A	PRESERVED	VINES, TRUNK DAMAGE, SHADED
425	MANGO	<i>Mangifera indica</i>	11	25	26	1962.5	65%	N/A	PRESERVED	CO-DOMINANT
426	LIVE OAK	<i>Quercus virginiana</i>	8	22	8	200.96	65%	N/A	PRESERVED	ONE SIDED CANOPY, LEANS
427	FICUS BENJAMINA	<i>Ficus benjamina</i>	N/A	20	8	25.12	N/A	N/A	REMOVED	OVERGROWN SHRUB, INVASIVE, REMOVE
475	BRIDAL VEIL	<i>Caesalpinia granadillo</i>	5	14	7	153.86	75%	N/A	PRESERVED	
476	BLACK OLIVE	<i>Bucida buxifolia</i>	23	30	36	3846.5	70%	N/A	PRESERVED	CO-DOMINANT, INCLUDED BARK, TRUNK DAMAGE, OPEN WOUNDS, SIDEWALK CONFLICTS
477	MANGO	<i>Mangifera indica</i>	11	25	20	1256	65%	N/A	PRESERVED	SHADE, LOW BRANCHING, ONE-SIDED CANOPY
512	BLACK OLIVE	<i>Bucida buxifolia</i>	24	35	43	6359	65%	N/A	PRESERVED	INCLUDED BARK, CO-DOMINANT, CIRCLING ROOTS, SIDEWALK CONFLICTS
517	SILVER BUTTONWOOD	<i>Conocarpus erectus sericeous</i>	2	9	3	28.26	75%	SMALL TREE	REMOVED	
518	SILVER BUTTONWOOD	<i>Conocarpus erectus sericeous</i>	1.5	9	3	28.26	75%	SMALL TREE	REMOVED	
587	LIVE OAK	<i>Quercus virginiana</i>	10	25	20	1256	75%	SHADE TREE 2	REMOVED	CO-DOMINANT
588	SILVER BUTTONWOOD	<i>Conocarpus erectus sericeous</i>	5	14	5	153.86	50%	SMALL TREE	REMOVED	MAJOR TRUNK WOUND, SHADED
589	SILVER BUTTONWOOD	<i>Conocarpus erectus sericeous</i>	2	12	6	113.04	20%	N/A	REMOVED	TRUNK DECAY, WEAK, BROKEN CANOPY
590	SILVER BUTTONWOOD	<i>Conocarpus erectus sericeous</i>	4	8	2	12.56	0%	N/A	REMOVED	DEAD
591	LIVE OAK	<i>Quercus virginiana</i>	9	22	10	314	65%	SHADE TREE 2	REMOVED	LEANS, UTILITY CONFLICTS, SHADED
592	LIVE OAK	<i>Quercus virginiana</i>	12	25	20	1256	65%	SHADE TREE 2	REMOVED	
593	BUTTONWOOD	<i>Conocarpus erectus</i>	2	12	5	78.5	60%	SMALL TREE	REMOVED	
594	LIVE OAK	<i>Quercus virginiana</i>	6	18	15	706.5	70%	SHADE TREE 3	REMOVED	
595	LIVE OAK	<i>Quercus virginiana</i>	7	22	15	706.5	70%	SHADE TREE 3	REMOVED	CO-DOMINANT, UTILITY CONFLICTS
598	MANGO	<i>Mangifera indica</i>	14	20	12	452.16	30%	N/A	REMOVED	CO-DOMINANT, TRUNK DAMAGE, BRANCH DAMAGE, PRUNING DAMAGE, INCLUDED BARK
607	BULNESIA	<i>Bulnesia arborea</i>	3	22	25	1962.5	55%	SHADE TREE 2	REMOVED	LEANS, CO-DOMINANT, CIRCLING ROOTS, DEAD WOOD, INCLUDED BARK, UTILITY CONFLICTS
608	BULNESIA	<i>Bulnesia arborea</i>	4	20	10	314	40%	N/A	REMOVED	SHARED CANOPY, LEANING, DEADWOOD, DECAY
609	AVOCADO	<i>Persea americana</i>	3	22	8	200.96	65%	SMALL TREE	REMOVED	UTILITY CONFLICTS
610	LIVE OAK	<i>Quercus virginiana</i>	6	25	12	452.16	65%	SHADE TREE 4	REMOVED	SHARED CANOPY, UTILITY CONFLICTS
615	SAPODILLA	<i>Manikara zapota</i>	14	30	20	1256	60%	N/A	REMOVED	CROSSING BRANCHES, SHADED, UTILITY PRUNED, INVASIVE
684	ROYAL POINCIANA	<i>Daniellia regia</i>	25	25	20	2826	30%	N/A	REMOVED	UTILITY CONFLICTS, MAJOR TRUNK WOUND AT BASE, PARTIAL CANOPY
680	AVOCADO	<i>Persea americana</i>	17	25	25	1962.5	60%	N/A	REMOVED	CO-DOMINANT, BRANCH DAMAGE, SPARSE DIEBACK, MULTI TRUNK
681	MANGO	<i>Mangifera indica</i>	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	<i>Sabal palmetto</i>	10	8	3	28.26	70%	N/A	RELOCATED	
682	AVOCADO	<i>Persea americana</i>	4 @ 11	25	15	706.5	40%	N/A	PRESERVED	MULTI TRUNK, BRANCH DAMAGE, DECAY
687	SLASH PINE	<i>Pinus palitot</i>	5	10	5	28.26	60%	N/A	PRESERVED	UTILITY PRUNED, OPEN CANOPY, DIEBACK, REMOVE INVASIVE FIG THAT IS WRAPPED AROUND TRUNK
688	SABAL PALM	<i>Sabal palmetto</i>	10	10	7	153.86	70%	N/A	PRESERVED	
689	MANGO	<i>Mangifera indica</i>	11.14	25	15	706.5	50%	N/A	REMOVED	MULTI TRUNK, DIEBACK, DEADWOOD, OPEN WOUNDS
690	MANGO	<i>Mangifera indica</i>	12	22	20	1256	60%	N/A	PRESERVED	MULTI TRUNK, THIN CANOPY, SUCKERS
694	STRANGLER FIG	<i>Ficus aurea</i>	48	35	40	5024	70%	N/A	PRESERVED	WEEPY BRANCHES, WRAPPED AROUND SABAL PALM
748	TROPICAL ALMOND	<i>Terminalia catappa</i>	25	25	20	3846.5	20%	N/A	REMOVED	SURFACE ROOTS, TROPICAL ALMOND AT BASE, POOR, CLUSTER, SPROUTS, HALF CANOPY, DECAY, INVASIVE
761	SABAL PALM	<i>Sabal palmetto</i>	10	2	10	314	70%	PALM TREE 1	REMOVED	
762	PINK TAB	<i>Tabebuia lithophylla</i>	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	<i>Syzygium jambos</i>	5 @ 9	20	25	1962.5	65%	N/A	PRESERVED	TRUNK DAMAGE, CLUSTER
770	GUMBO LIMBO	<i>Bursara simaruba</i>	25	30	10	78.5	60%	N/A	REMOVED	LEANS
774	TROPICAL ALMOND	<i>Terminalia catappa</i>	20	35	25	1962.5	50%	N/A	REMOVED	INVASIVE
775	TROPICAL ALMOND	<i>Terminalia catappa</i>	16	35	15	706.5	20%	N/A	REMOVED	MULTI TRUNK, ONE TRUNK DEAD, NOT A TREE - INVASIVE
780	ROYAL POINCIANA	<i>Delonix regia</i>	10	25	15	706.5	65%	N/A	PRESERVED	SHADED, CANOPY OFF PROPERTY
782	ALEXANDER PALM	<i>Ptychosperma elegans</i>	3	20	10	314	75%	N/A	PRESERVED	SHADED
783	ALEXANDER PALM	<i>Ptychosperma elegans</i>	3	20	10	314	75%	N/A	PRESERVED	SHADED
784	UMBRELLA TREE	<i>Schefflera actinophylla</i>	5	20	10	314	N/A	N/A	REMOVED	INVASIVE
785	HURRICANE PALM	<i>Diclyosperma album</i>	10	20	10	314	70%	N/A	PRESERVED	VINES
786	STRANGLER FIG	<i>Ficus aurea</i>	32	50	45	6358.5	75%	N/A	REMOVED	INVASIVE
787	WOMANS TONGUE	<i>Albizia lebeck</i>	2	20	12	452.16	60%	N/A	PRESERVED	LEANS
788	GUMBO LIMBO	<i>Bursara simaruba</i>	3	20	10	314	60%	N/A	PRESERVED	POOR CANOPY, SHADED
789	LIVE OAK	<i>Quercus virginiana</i>	16	40	40	5024	70%	N/A	PRESERVED	OVERHANGS ONTO OUR PROPERTY, SHADED CANOPY, OFF-SITE
790	LIVE OAK	<i>Quercus virginiana</i>	15	35	40	5024	70%	N/A	PRESERVED	OVERHANGS ONTO OUR PROPERTY, SHADED CANOPY, OFF-SITE
791	LIVE OAK	<i>Quercus virginiana</i>	16	35	40	5024	70%	N/A	PRESERVED	OFF-SITE, OVERHANGS ONTO OUR PROPERTY
792	WOMANS TONGUE	<i>Albizia lebeck</i>	6	28	12	452.16	60%	N/A	REMOVED	INVASIVE
793	LIVE OAK	<i>Quercus virginiana</i>	24	35	45	6359.5	70%	N/A	PRESERVED	OFF-SITE, OVERHANGS ONTO OUR PROPERTY
809	LIVE OAK	<i>Quercus virginiana</i>	56	40	120	45216	70%	N/A	PRESERVED	
810	FALSE TAMARIND	<i>Lythium Latisiliquum</i>	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	<i>Ficus nitida</i>	30	20	15	706.5	0%	SHADE TREE 2	REMOVED	DEAD, REMOVE
900	SILVER BUTTONWOOD	<i>Conocarpus erectus sericeous</i>	1.5	9	3	28.26	75%	SMALL TREE	REMOVED	SHADED
901	SILVER BUTTONWOOD	<i>Conocarpus erectus sericeous</i>	4	9	3	28.26	70%	SMALL TREE	REMOVED	SHARED CANOPY, SHADED
902	SILVER BUTTONWOOD	<i>Conocarpus erectus sericeous</i>	2	9	3	28.26	70%	SMALL TREE	REMOVED	SHARED CANOPY, SHADED
903	GUMBO LIMBO	<i>Bursara simaruba</i>	2	9	3	28.26	65%	SMALL TREE	REMOVED	SHARED CANOPY, SHADED
904	SILVER BUTTONWOOD	<i>Conocarpus erectus sericeous</i>	1	9	3	28.26	65%	SMALL TREE	REMOVED	SHARED CANOPY, SHADED
905	GUMBO LIMBO	<i>Bursara simaruba</i>	3	12	5	78.5	60%	SMALL TREE	REMOVED	SHARED CANOPY, SHADED
906	LIVE OAK	<i>Quercus virginiana</i>	3	15	7	153.86	60%	SMALL TREE	REMOVED	SHARED CANOPY, SHADED
907	YELLOW ELDER	<i>Tecoma stans</i>	4	18	10	314	65%	SHADE TREE 5	REMOVED	SHARED CANOPY, SHADED
908	LIVE OAK	<i>Quercus virginiana</i>	10	30	10	314	65%	N/A	PRESERVED	
910	MAHOAGANY	<i>Swietenia mahagoni</i>	3	22	7	153.86	70%	SMALL TREE	REMOVED	CO-DOMINANT, OVERHEAD WIRES
911	TROPICAL ALMOND	<i>Terminalia catappa</i>	11.14	40	20	1256	60%	N/A	REMOVED	MULTI TRUNK, VINES, INVASIVE

TREE MITIGATION CHART LEGEND

908	LIVE OAK	<i>Quercus virginiana</i>	5	30	10	65%	PRESERVED
910	MAHOGANY	<i>Swietenia mahagoni</i>	3	22	7	70%	REMOVED
911	TROPICAL ALMOND	<i>Terminalia catappa</i>	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 REPLACEMENT: 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. REFER SPECIFICATIONS FOR TREE PRESERVATION AND PROTECTION FOR ADDITIONAL INFORMATION.

3. ALL SITE CLEARING TO BE DONE IN ACCORDANCE WITH THE INDIANA BAT PROTECTION GUIDELINES. CONTACT THE OHIO DIVISION OF WILDLIFE AND U.S. FISH AND WILDLIFE SERVICE (OH-FIELD OFFICE) FOR GUIDANCE ON BAT SURVEYS AND TREE CLEARING PRIOR TO WORKING ON SITE.

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

**PROJECT LEAD
& CIVIL ENGINEERING:**



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:



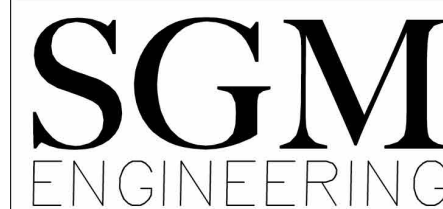
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**MECHANICAL, PLUMBING,
& ELECTRICAL ENGINEERING:**



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SUITE 750
954-421-1944
SGMENGINEERING.COM CA-00006208

REVISIONS

[illegible]

ISSUE DATE: 11/21/2002

DESIGNED BY: MATTHEW MANDA, PLA

DRAWN BY: HALEY WOLFE, PL

CHECKED BY: JONATHAN PETRUSHKA, PLA



CLIENT

**VILLAGE OF
PINECREST**
PINECREST PARKS & RECREATION

PROJECT

GARY MATZNER
PARK

SHEET TITLE

TREE MITIGATION TABLE

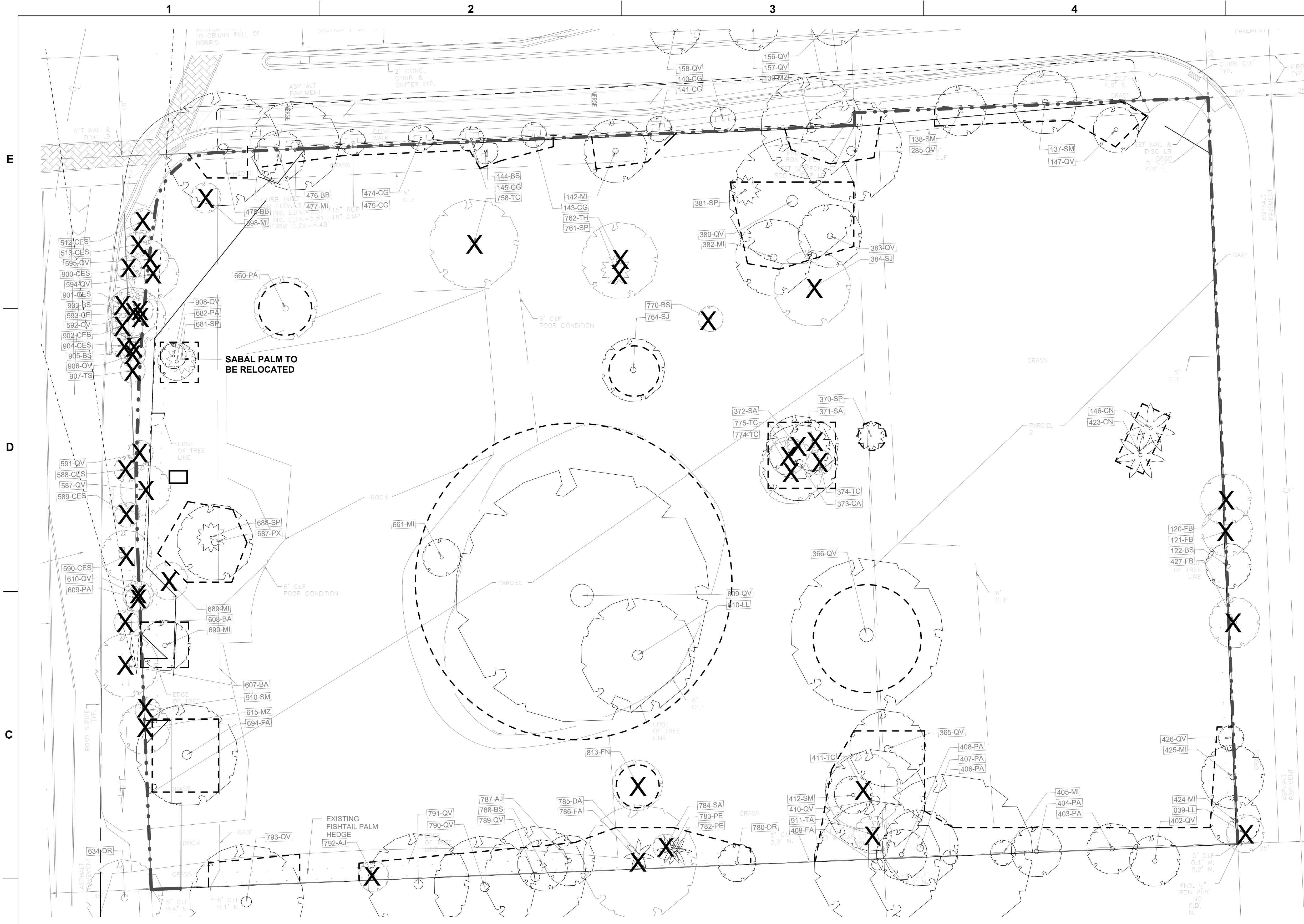
SHEET

LD-001

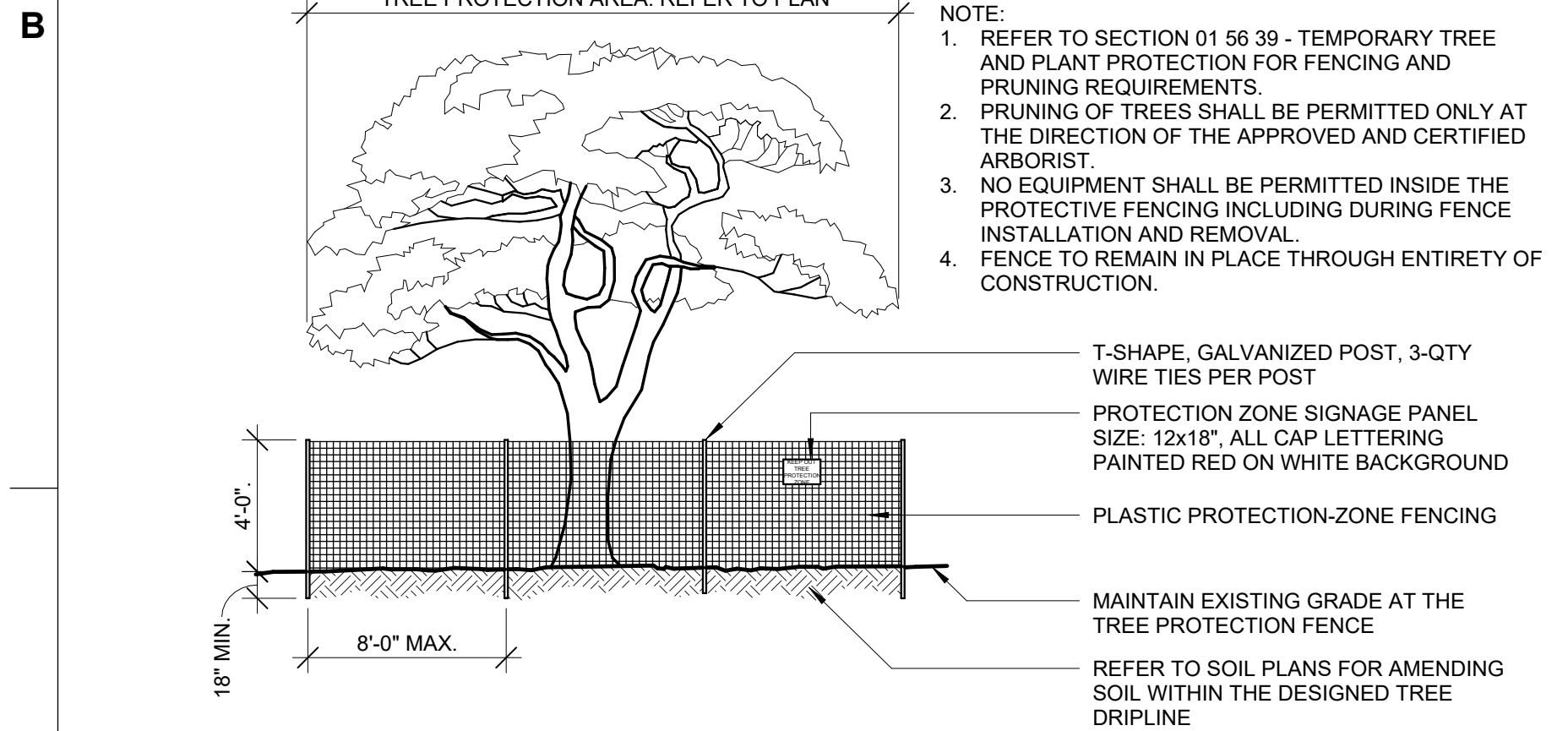
KEITH PROJECT
NUMBER

13861.00

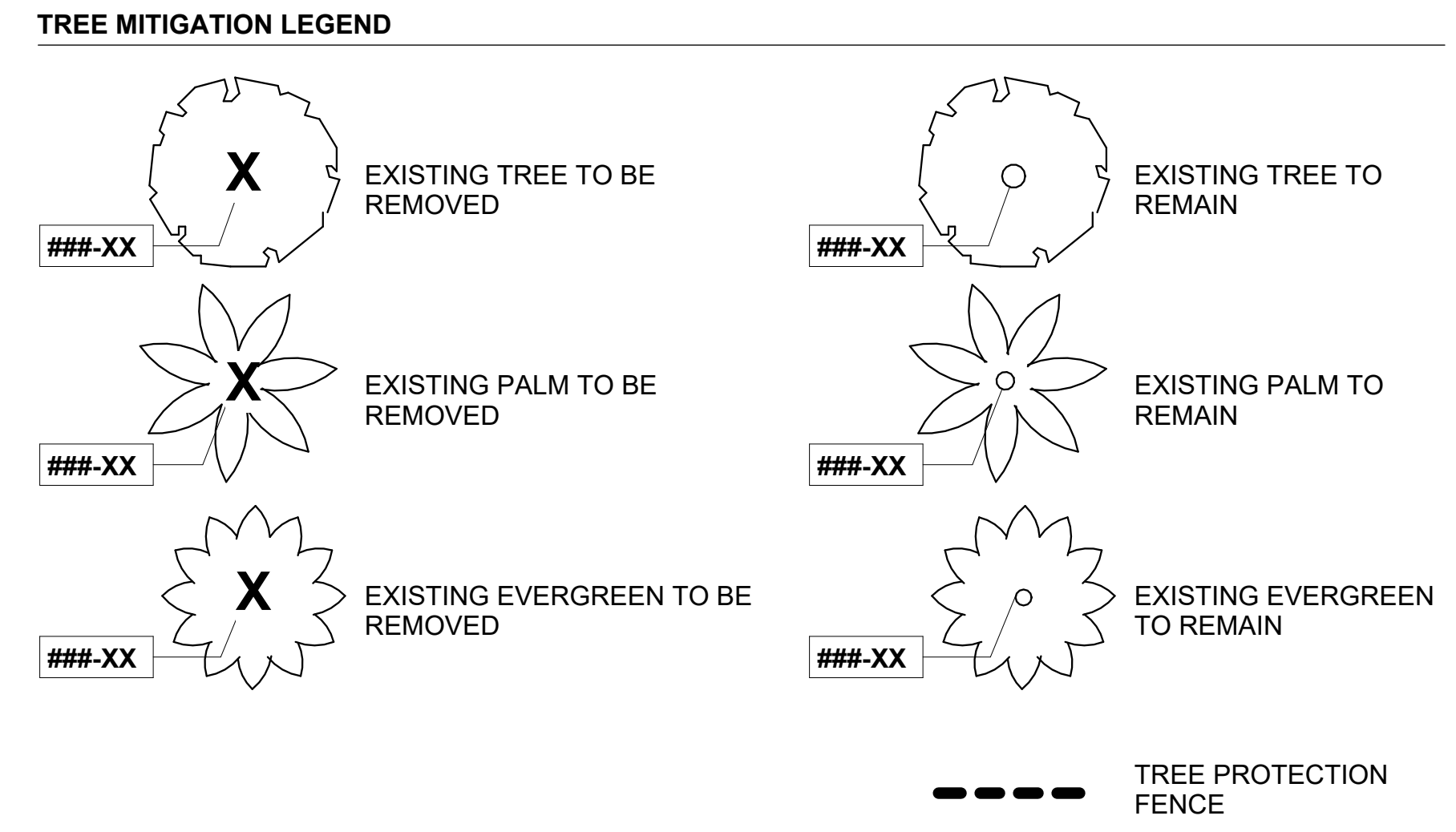
STATUS:



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



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



TREE MITIGATION AND PRESERVATION NOTES

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

2. REFER SPECIFICATIONS FOR TREE PRESERVATION AND PROTECTION FOR ADDITIONAL INFORMATION.

3. ALL SITE CLEARING TO BE DONE IN ACCORDANCE WITH THE INDIANA BAT PROTECTION GUIDELINES. CONTACT THE OHIO DIVISION OF WILDLIFE AND U.S. FISH AND WILDLIFE SERVICE (OH-FIELD OFFICE) FOR GUIDANCE ON BAT SURVEYS AND TREE CLEARING PRIOR TO WORKING ON SITE.

4. 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	INDICATES PRESERVED TREE	INDICATES REMOVED TREE REQUIRING REPLACEMENT	
910 MAHOGANY	Swietenia mahagoni	3	22	7	70%	REMOVED			
911 TROPICAL ALMOND	Terminalia catappa	11.14	40	20	60%	REMOVED			

INDICATES REMOVED TREE NOT REQUIRING REPLACEMENT

PROJECT LEAD & CIVIL ENGINEERING:

KEITH

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SGM
ENGINEERING

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

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR BUILDING PERMIT	11/21/24
2	REVISED FOR BUILDING PERMIT	01/10/25

ISSUE DATE: 11/21/2024

DESIGNED BY: MATTHEW MANDA, PLA

DRAWN BY: HALEY WOLFE, PLA

CHECKED BY: JONATHAN PETRUSHKA, PLA

CLIENT

VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT

GARY MATZNER PARK

SHEET TITLE

TREE DISPOSITION PLAN

SHEET NUMBER

LD-101

KEITH PROJECT NUMBER

13861.00

Drawing name: S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM, CAD, GIS\BIM\CAD Lin\A\XS-GMP-TL\BK_1.dwg

STATUS:

E

D

C

B

A

1

2

3

4

5

6

HARDSCAPE SCHEDULE

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

SITE FURNISHINGS SCHEDULE

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

FENCES AND GATES SCHEDULE

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

PROJECT LEAD & CIVIL ENGINEERING:



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PH: (954) 788-3400

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

LANDSCAPE ARCHITECT:



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ARCHITECT:



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REVISIONS		
NO.	DESCRIPTION	DATE
	ISSUED FOR BUILDING PERMIT	11/21/2024
	REVISED FOR BUILDING PERMIT	01/10/25

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



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:

1

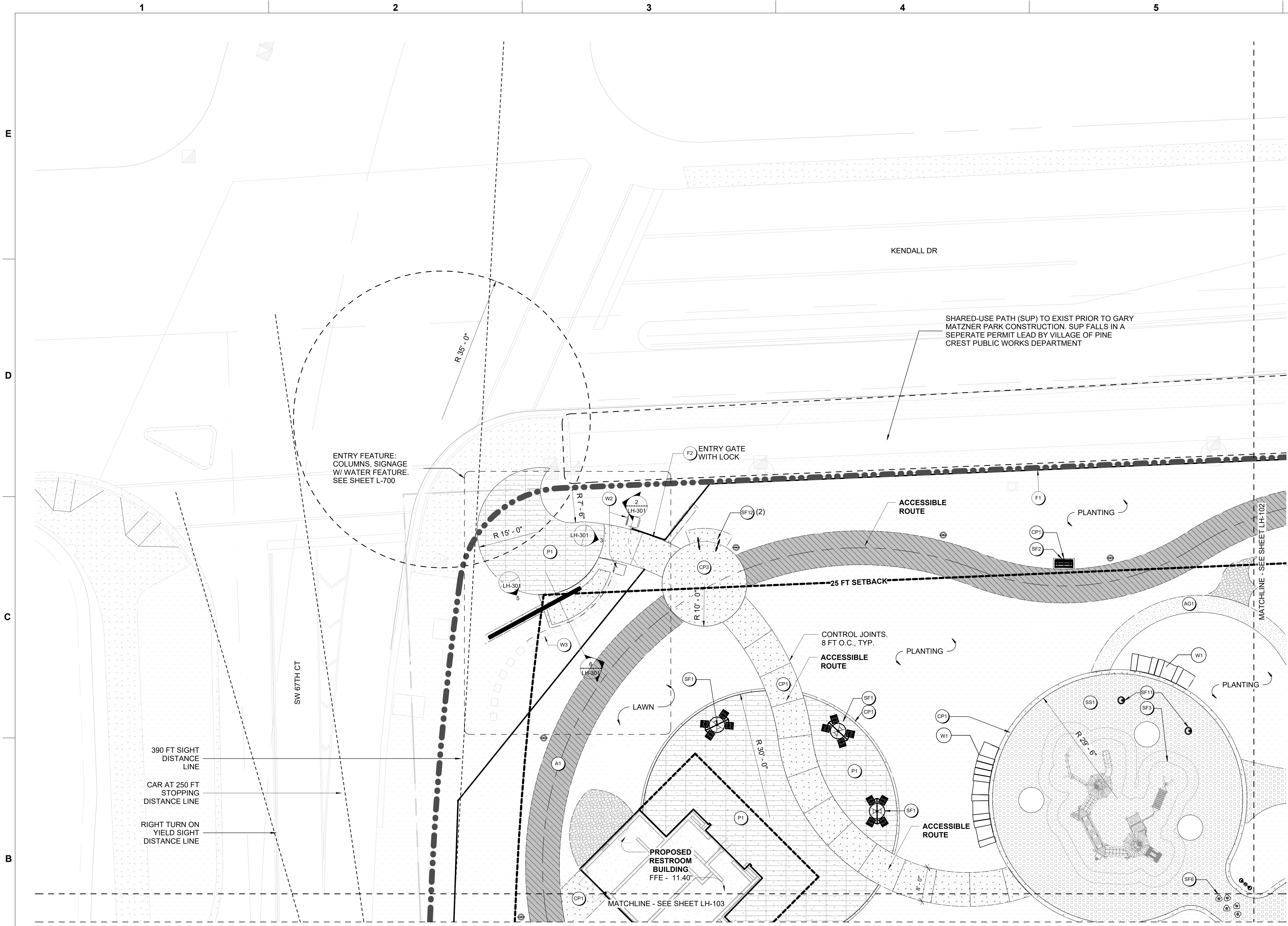
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3

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5

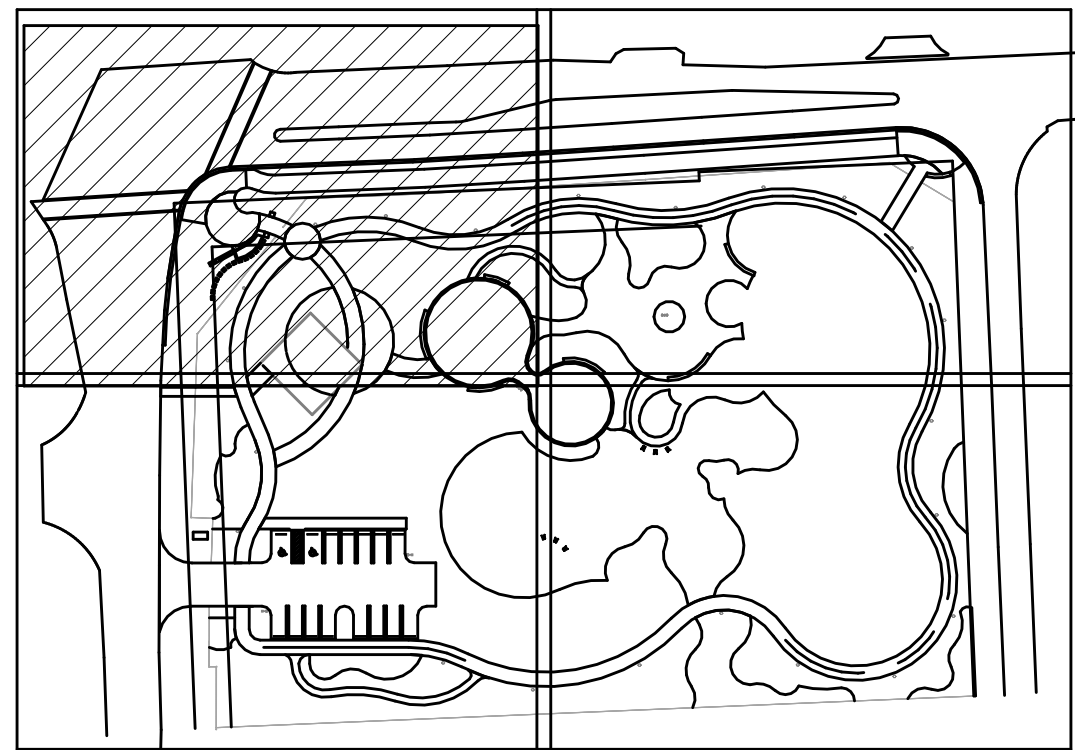
6



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

HARDSCAPE GRAPHIC LEGEND

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



KEY PLAN

PROJECT LEAD & CIVIL ENGINEERING:



301 EAST ATLANTIC BLVD.
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WANNEMACHER, JENSEN ARCHITECTS
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MIAMI, FLORIDA 33126
727-922-5568
WJARC.COM AA0002277

MECHANICAL, PLUMBING, & ELECTRICAL ENGINEERING:



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

REVISIONS		
NO.	DESCRIPTION	DATE
1	ISSUED FOR BUILDING PERMIT	11/21/24
2	REVISED FOR BUILDING PERMIT	01/10/25

ISSUE DATE: 11/21/2024

DESIGNED BY: MATTHEW MANDA, PLA

DRAWN BY: HALEY WOLFE, PLA

CHECKED BY: JONATHAN PETRUSHKA, PLA



CLIENT

VILLAGE OF
PINECREST
PINECREST PARKS & RECREATION

PROJECT

GARY MATZNER
PARK

SHEET TITLE

MATERIALS
PLAN

SHEET

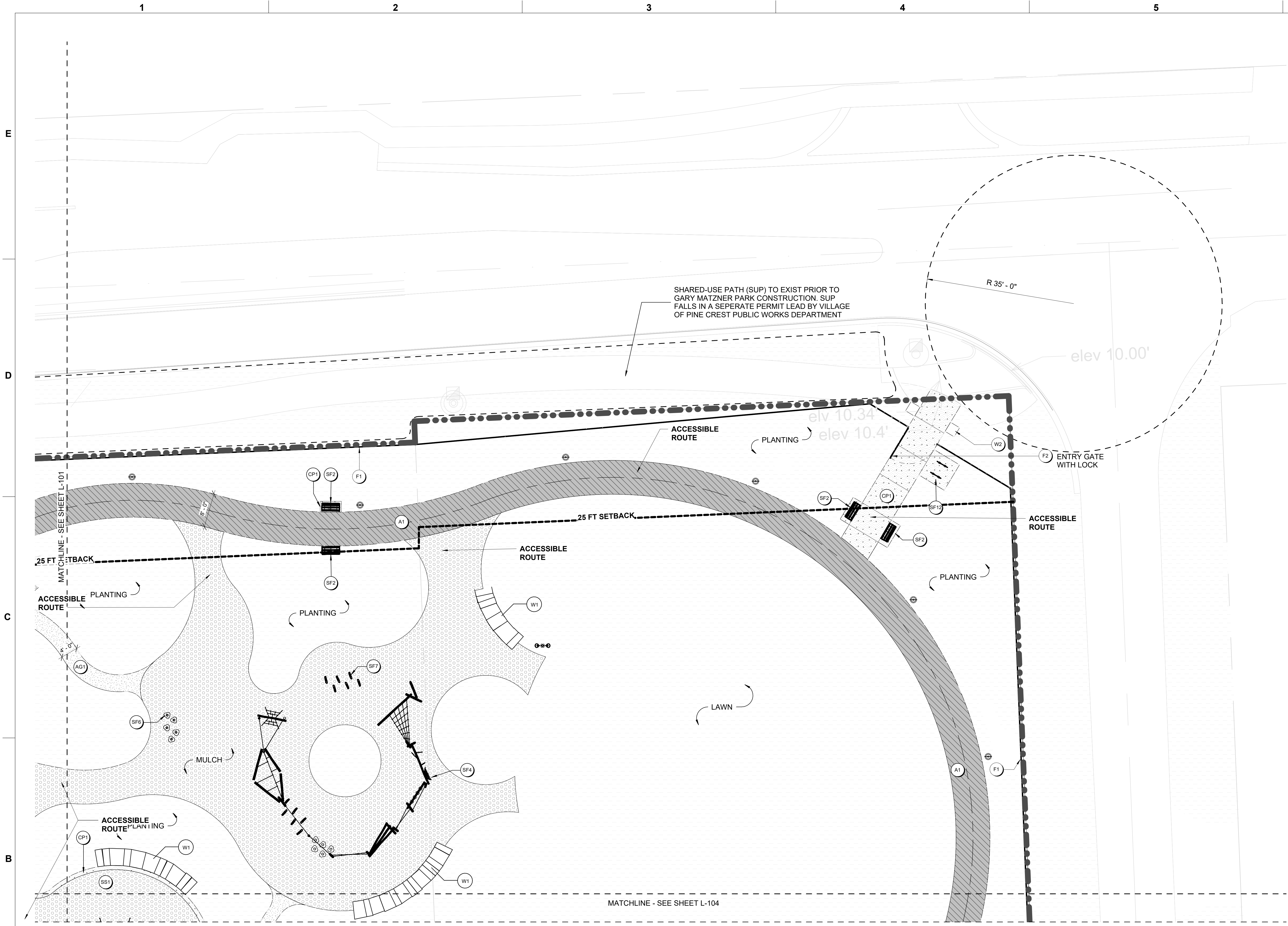
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KEITH PROJECT

NUMBER 13861.00

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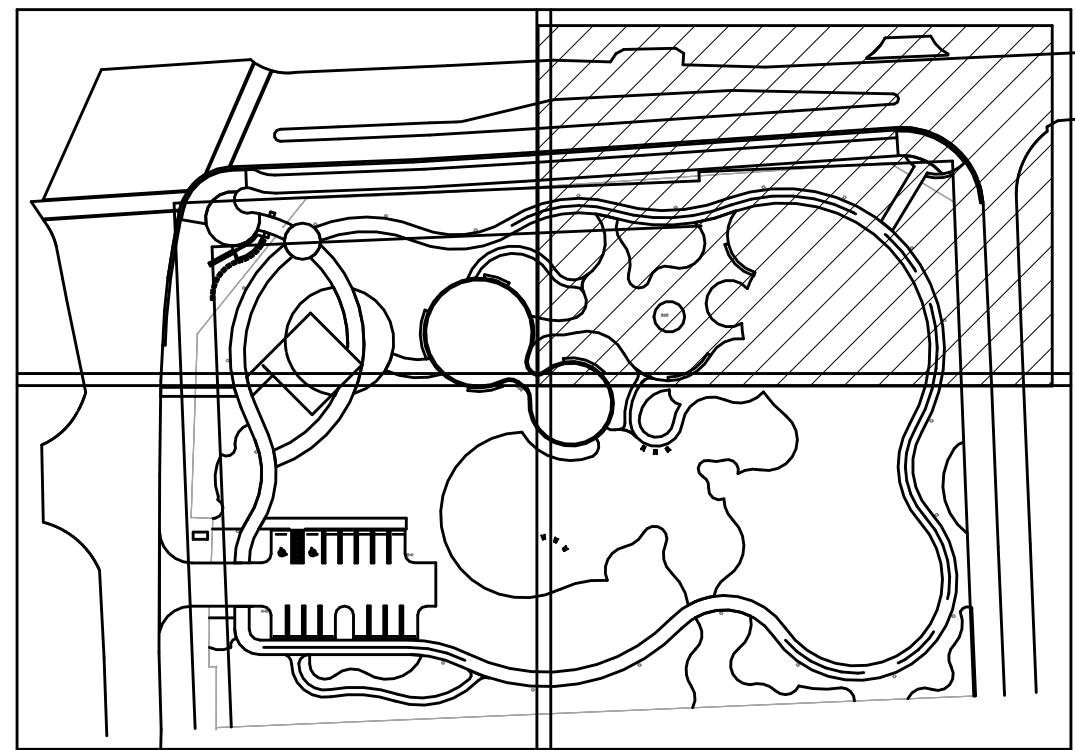
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1 MATERIALS PLAN - AREA 2
SCALE: 1" = 10'-0"

HARDSCAPE GRAPHIC LEGEND

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



KEY PLAN

PROJECT LEAD & CIVIL ENGINEERING:



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: LC28090457

LANDSCAPE ARCHITECT:



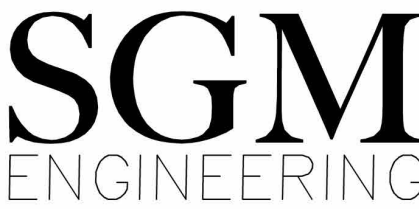
801 INTERNATIONAL PARKWAY
LAKE MARY, FL 32746
407.871.9607
MKSKSTUDIOS.COM

ARCHITECT:



WANNEMACHER, JENSEN ARCHITECTS
815 NORTHWEST 57 AVE. SUITE 219
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WJA-RC.COM AA0002277

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ISSUE DATE: 11/21/2024

DESIGNED BY: MATTHEW MANDA, PLA

DRAWN BY: HALEY WOLFE, PLA

CHECKED BY: JONATHAN PETRUSHKA, PLA



CLIENT

VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

PROJECT

GARY MATZNER PARK

SHEET TITLE

MATERIALS PLAN

SHEET NUMBER LH-102

KEITH PROJECT NUMBER 13861.00

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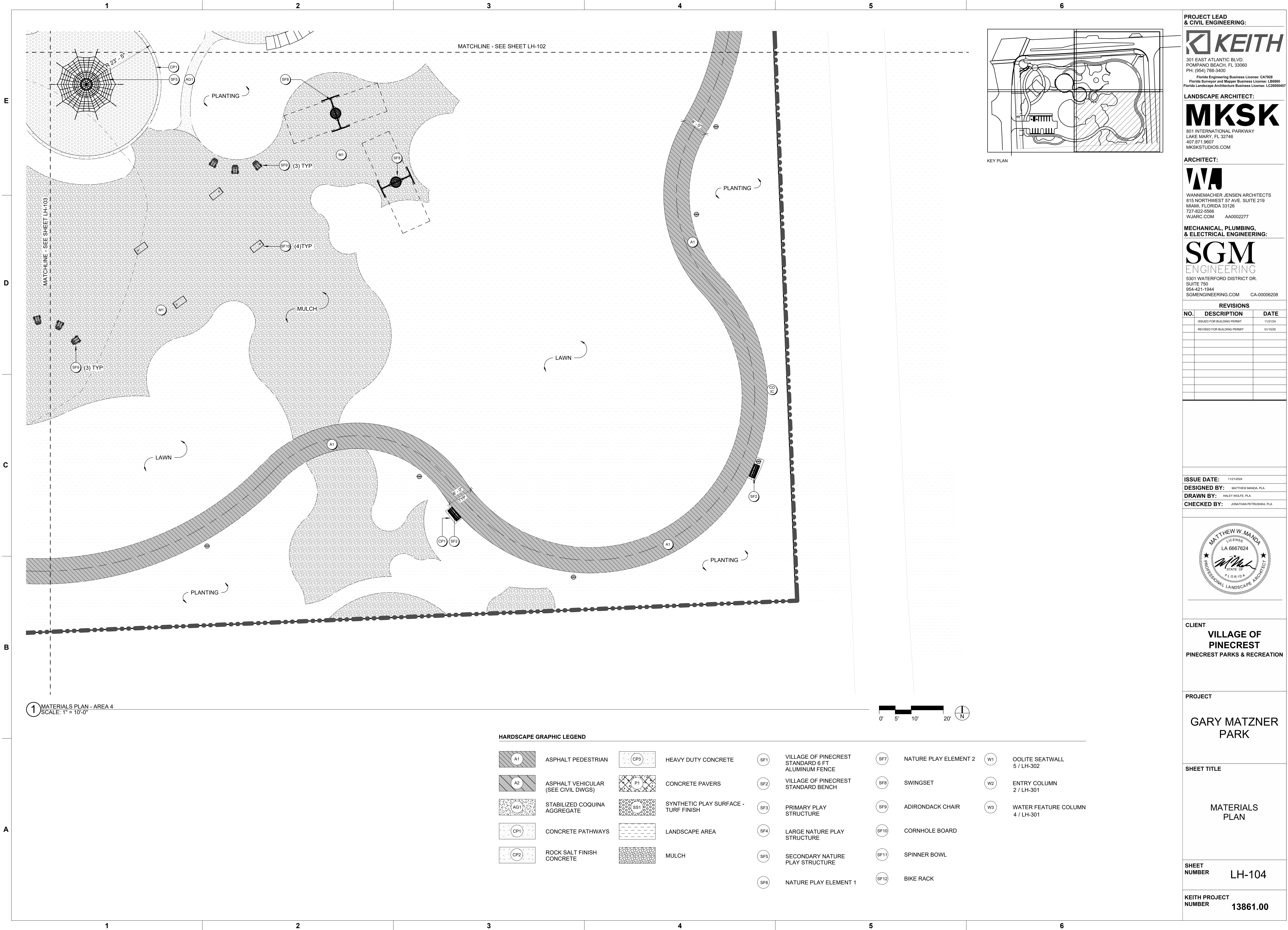
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KEITH PROJECT NUMBER	13861.00
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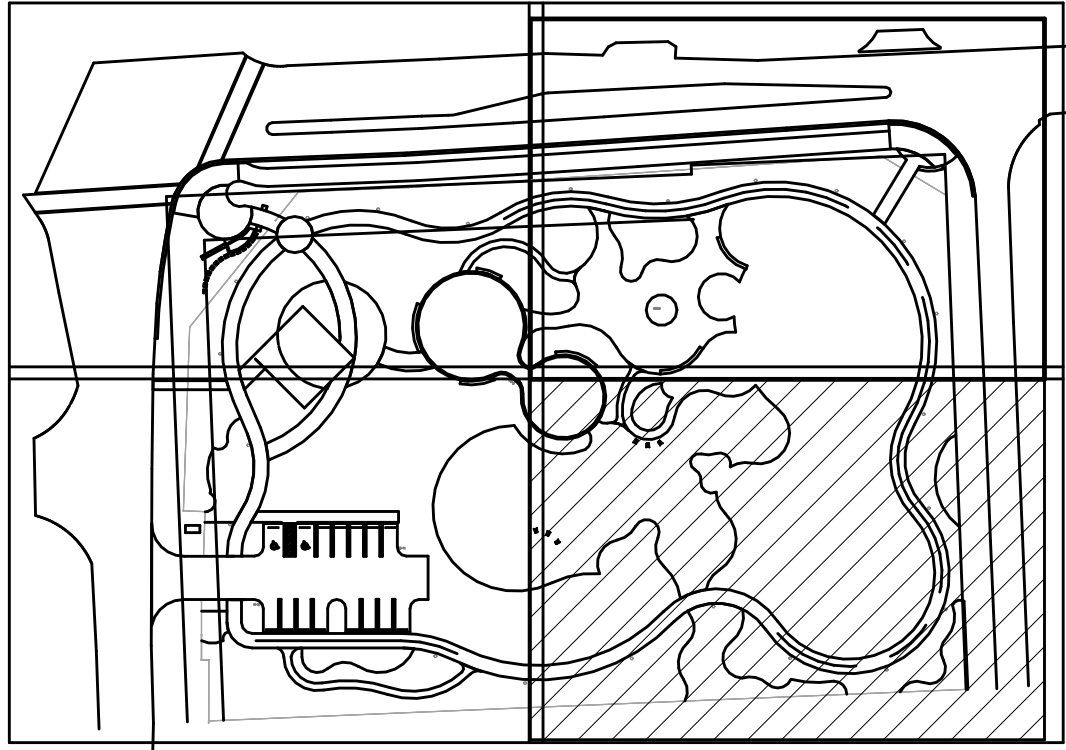
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1 MATERIALS PLAN - AREA 4
SCALE: 1" = 10'-0"

HARDSCAPE GRAPHIC LEGEND

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



KEY PLAN

PROJECT LEAD & CIVIL ENGINEERING:

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: LC28090457

LANDSCAPE ARCHITECT:

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

ARCHITECT:

WA
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WJARC.COM AA0002277

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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

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



CLIENT
VILLAGE OF PINECREST
PINECREST PARKS & RECREATION

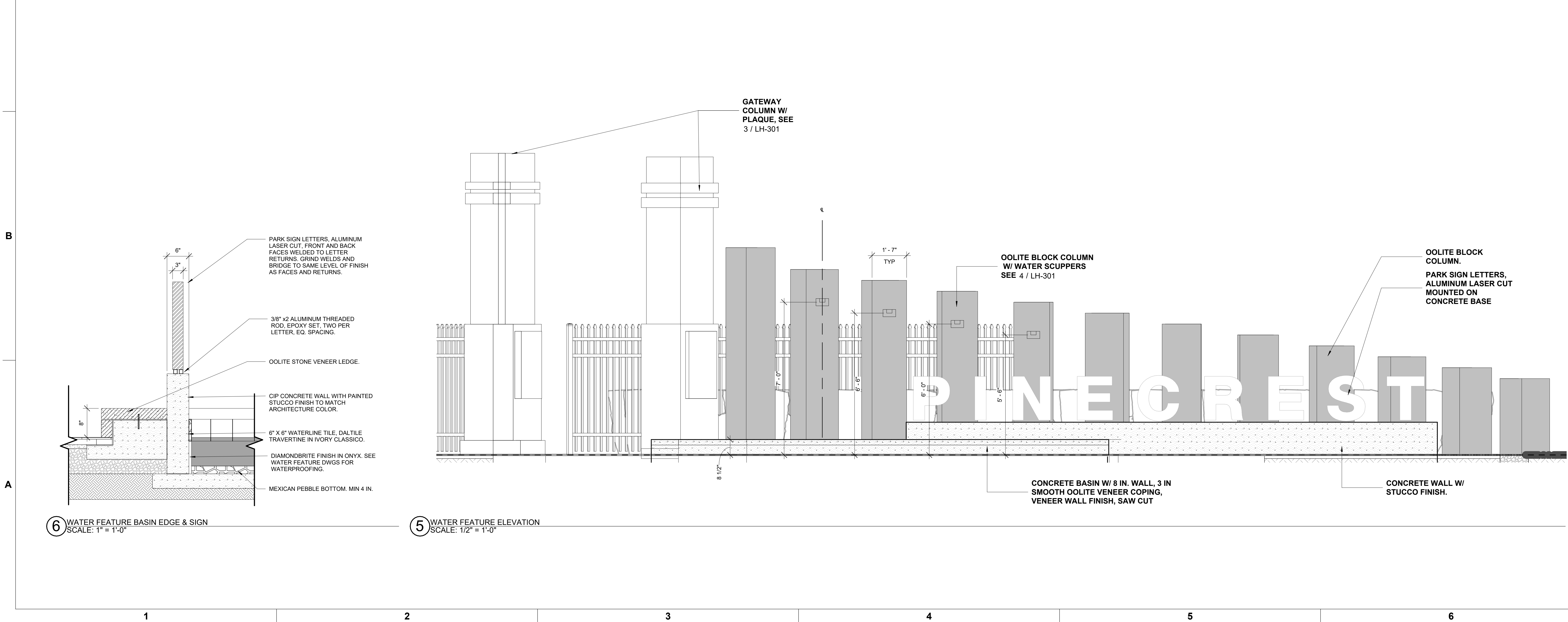
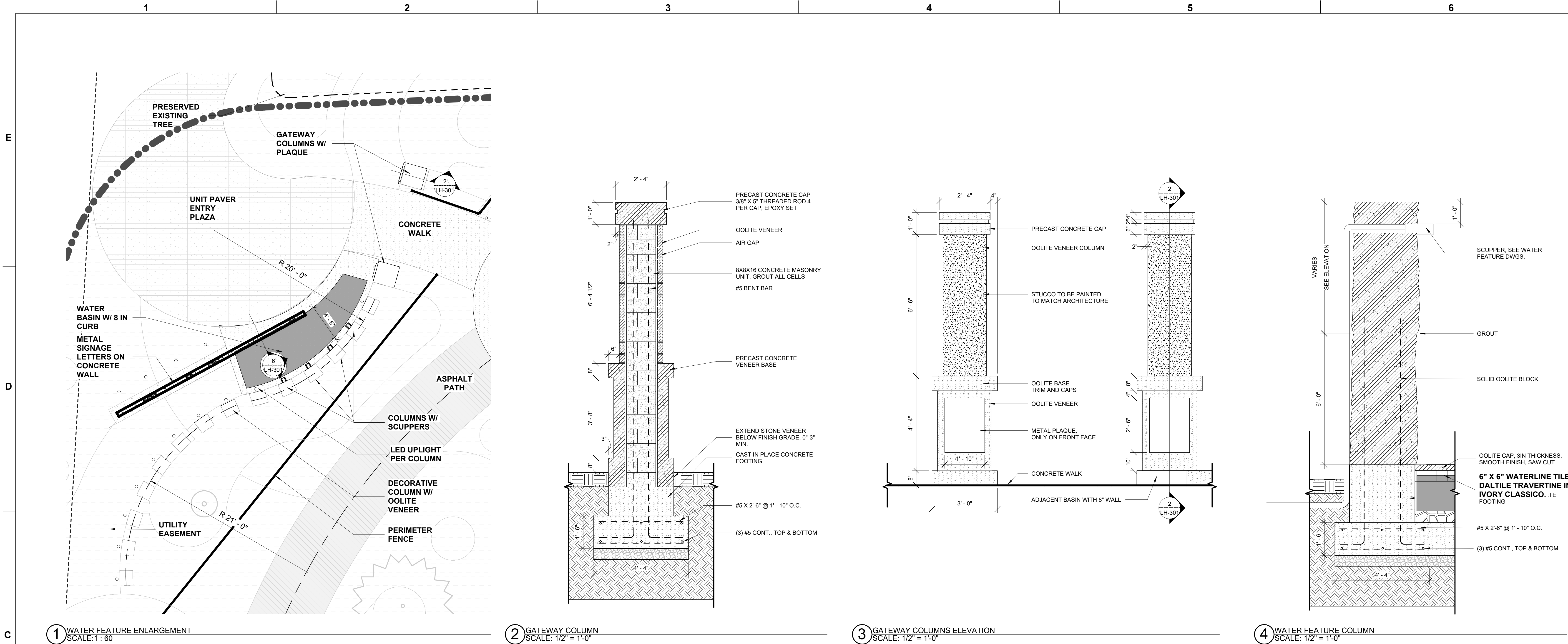
PROJECT
GARY MATZNER PARK

SHEET TITLE
MATERIALS PLAN

SHEET NUMBER
LH-104

KEITH PROJECT NUMBER
13861.00

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



PROJECT LEAD
& CIVIL ENGINEERING:



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POMPANO BEACH, FL 33060
PH: (954) 788-3400

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Florida Surveyor and Mapper Business License: LB6860
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LANDSCAPE ARCHITECT:



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ARCHITECT:



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MIAMI, FLORIDA 33126
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WJARC.COM AA0002277

MECHANICAL, PLUMBING,
& ELECTRICAL ENGINEERING:



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SUITE 750
954-421-1944
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NO.	DESCRIPTION	DATE
1	ISSUED FOR BUILDING PERMIT	11/21/24
2	REVISED FOR BUILDING PERMIT	01/10/25

ISSUE DATE:

11/21/2024

DESIGNED BY:

MATTHEW MANDA, PLA

DRAWN BY:

HALEY WOLFE, PLA

CHECKED BY:

JONATHAN PETRUSHKA, PLA



CLIENT

VILLAGE OF
PINECREST
PINECREST PARKS & RECREATION

PROJECT

GARY MATZNER
PARK

SHEET TITLE

SITE DETAILS

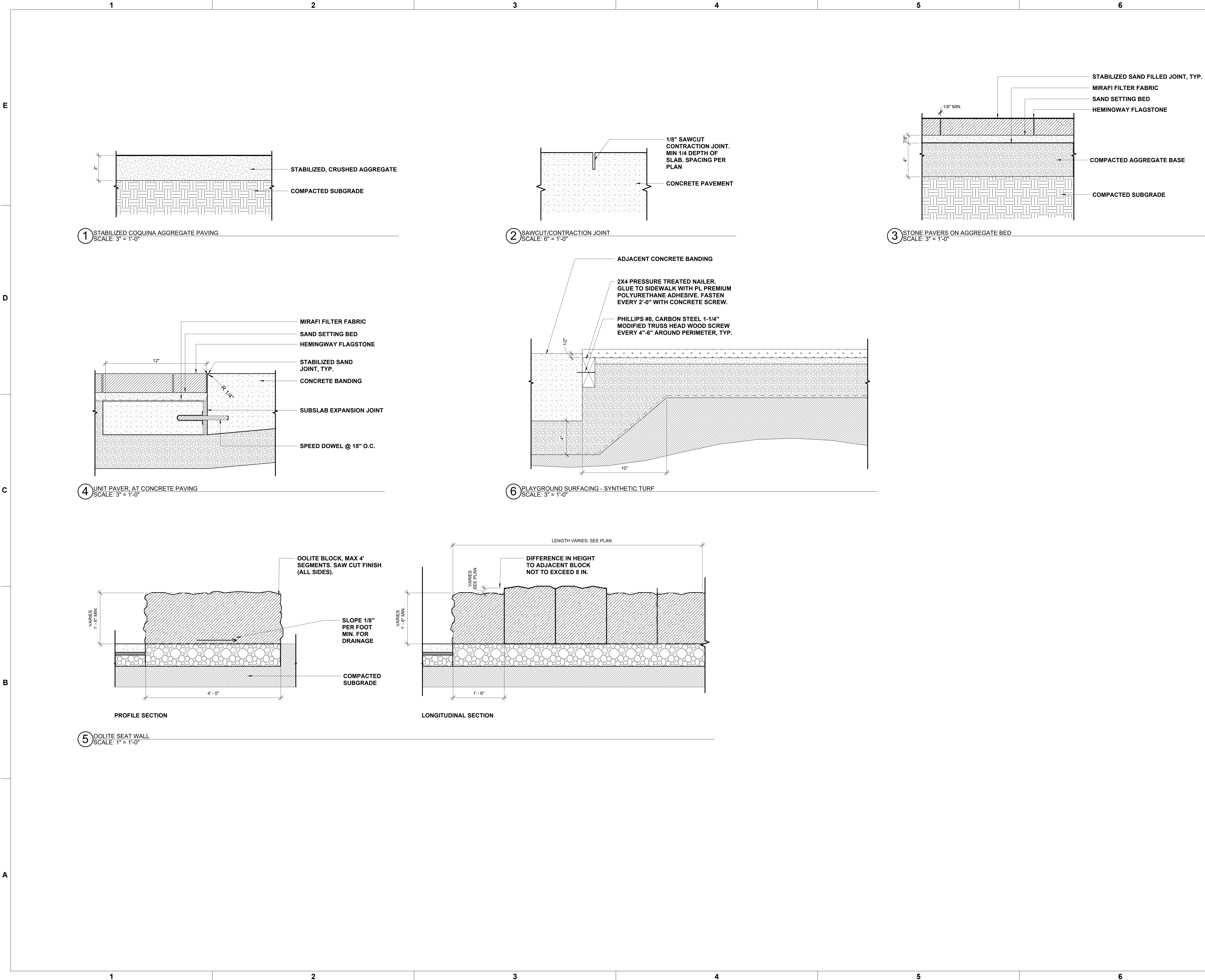
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NUMBER

LH-301

KEITH PROJECT
NUMBER

13861.00

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PROJECT LEAD
& CIVIL ENGINEERING:



301 EAST ATLANTIC BLVD.
POMPAHO BEACH, FL 33060
PH: (954) 788-3400
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Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC22000457

LANDSCAPE ARCHITECT:



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



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

PROJECT
**GARY MATZNER
PARK**

SHEET TITLE
SITE DETAILS

SHEET
NUMBER
LH-302

KEITH PROJECT
NUMBER
13861.00

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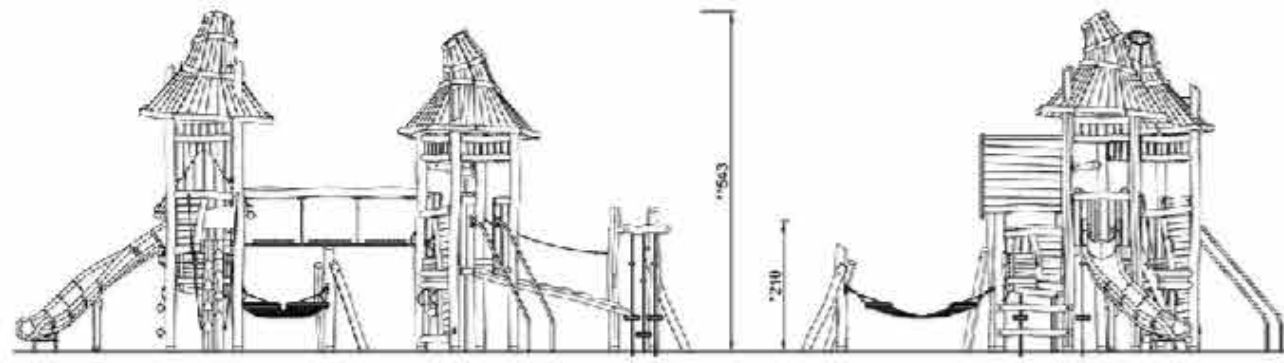
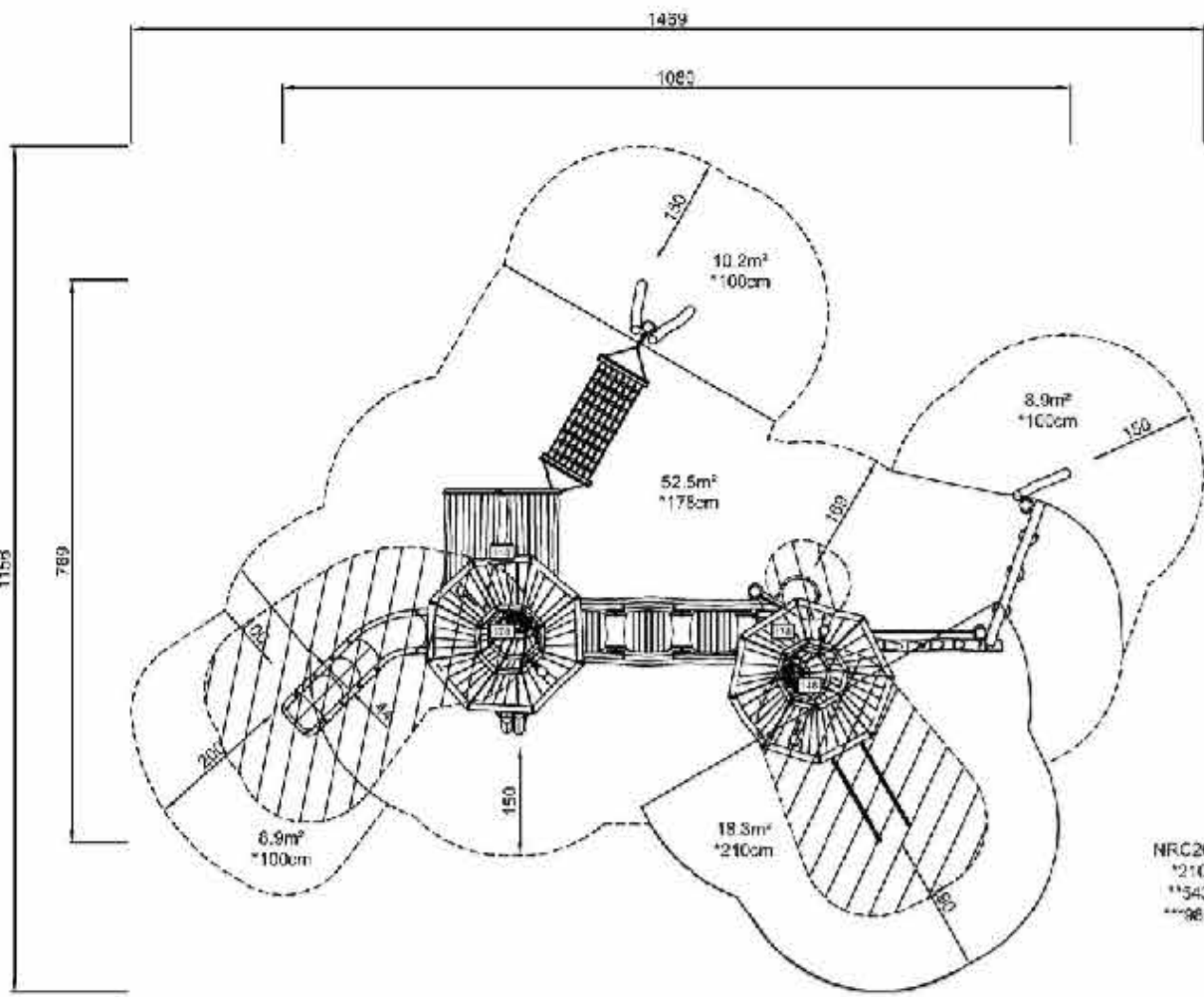
Warlock's Escape

NRC200301



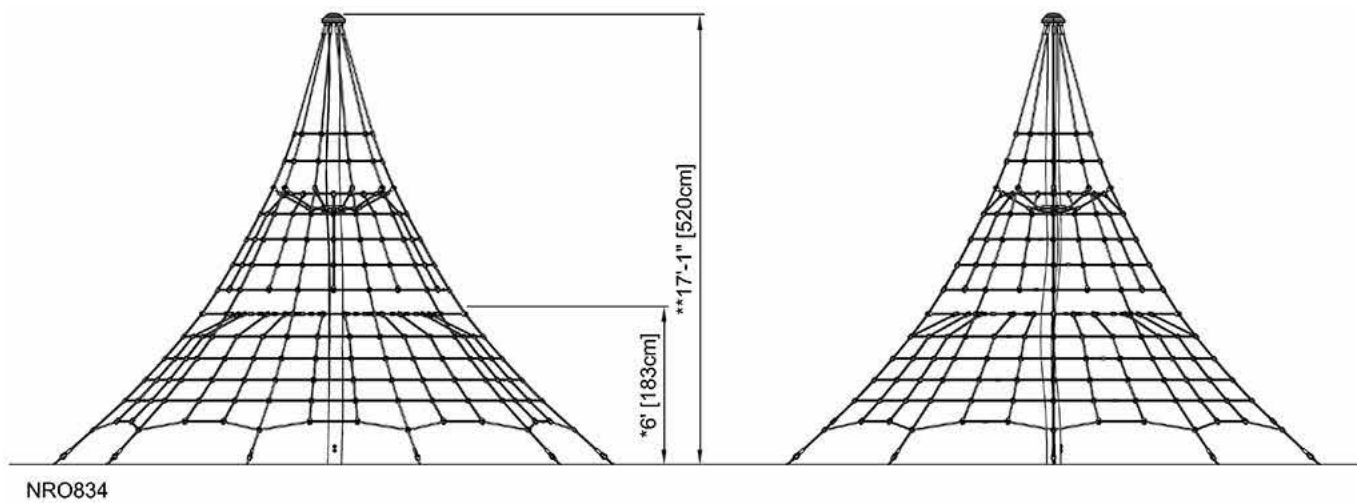
* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



D

1 PRIMARY PLAY STRUCTURE
NTS



ANOVA

BH1884T

Beacon Hill Thermory® 4' Contour Bench

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

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

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

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

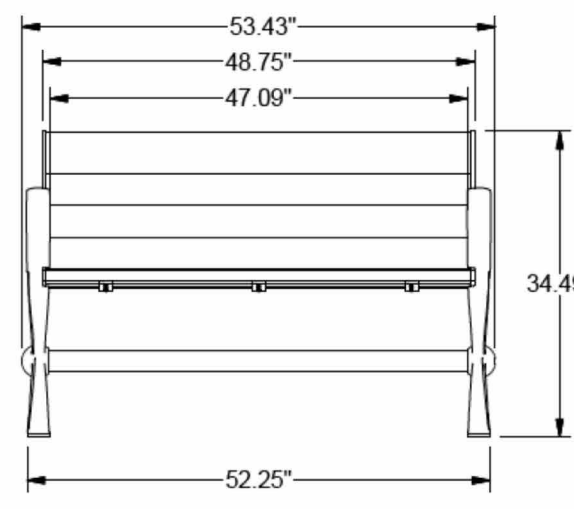
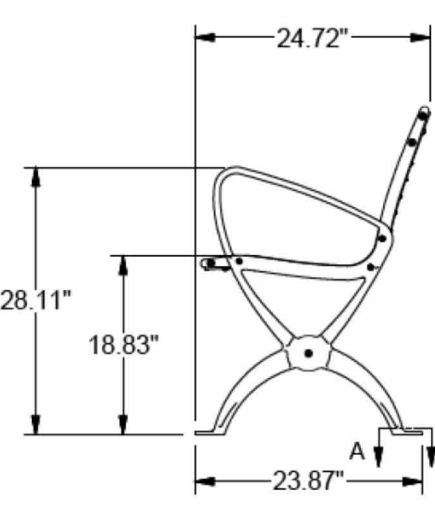
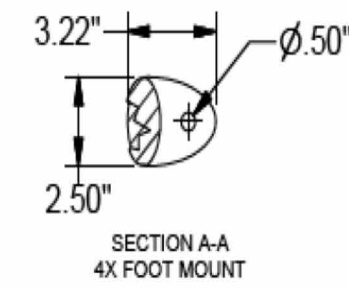
Rust-proof aluminum and rust-resistant primed steel components feature a fade-resistant powder coating. Treated components exceed the industry standard by 34% in testing by independent sources.

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

Color
See website or sales representative for color choices.

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

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



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Nov - 2023

3 BENCH
NTS

C

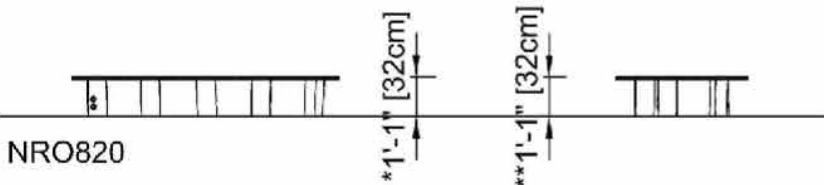
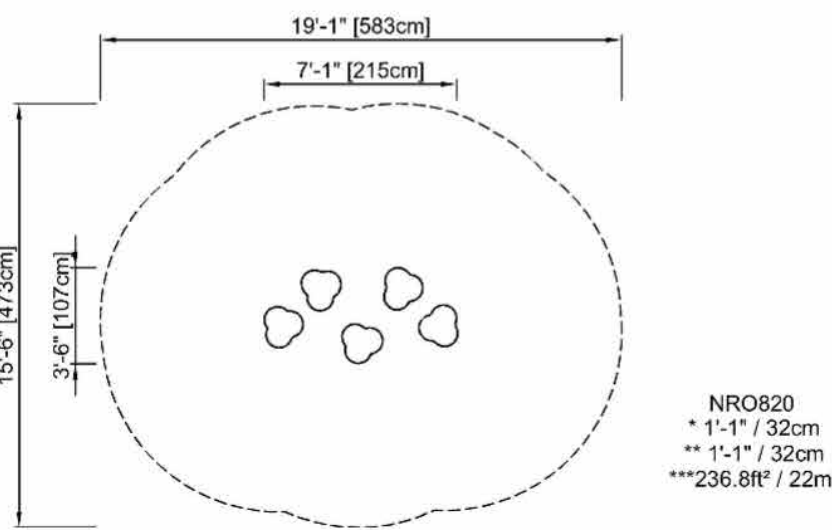
Waterlilies Balance Posts - 5 pcs

NRO820



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

* Max fall height | ** Total height



B

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

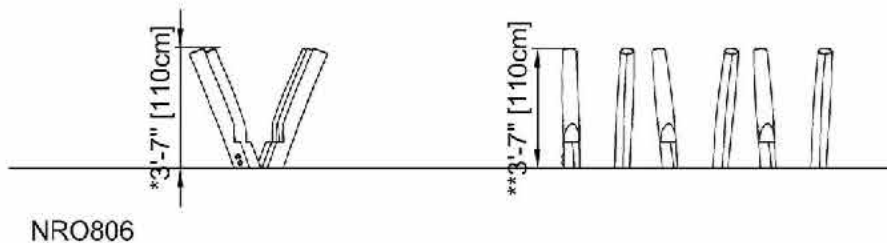
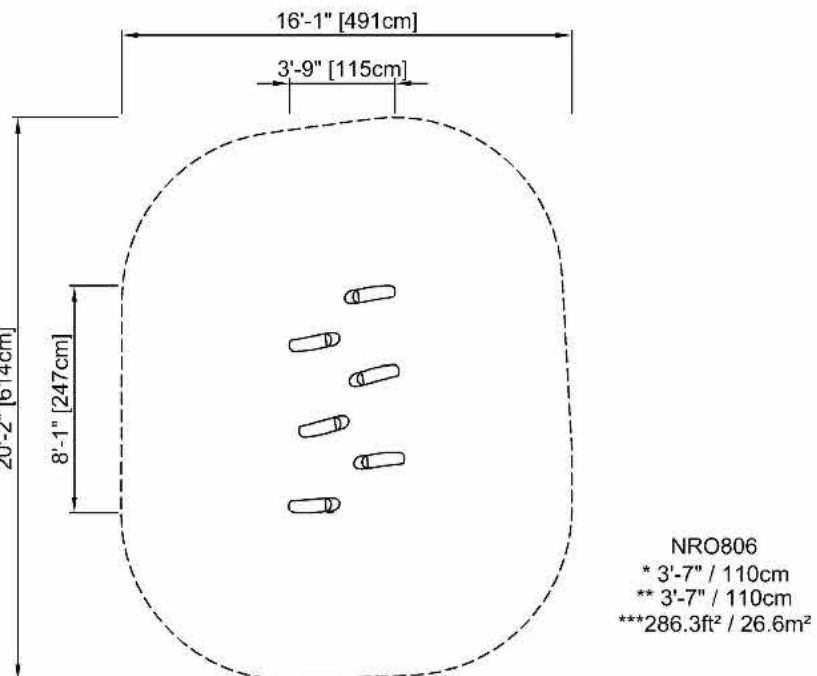
Stilts

NRO806



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

* Max fall height | ** Total height



A

5 NATURE PLAY ELEMENT 2
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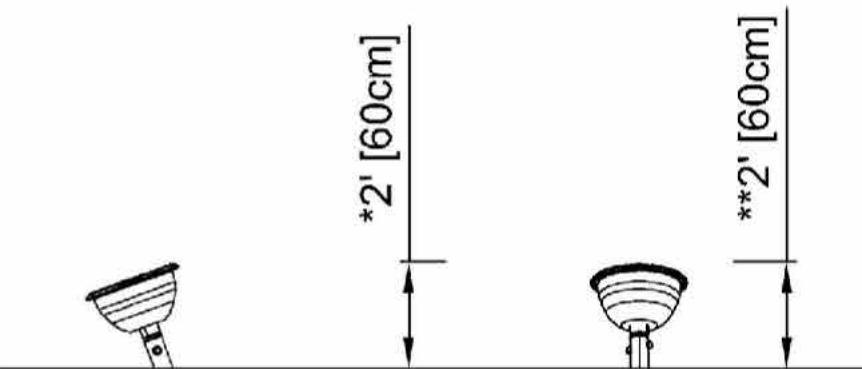
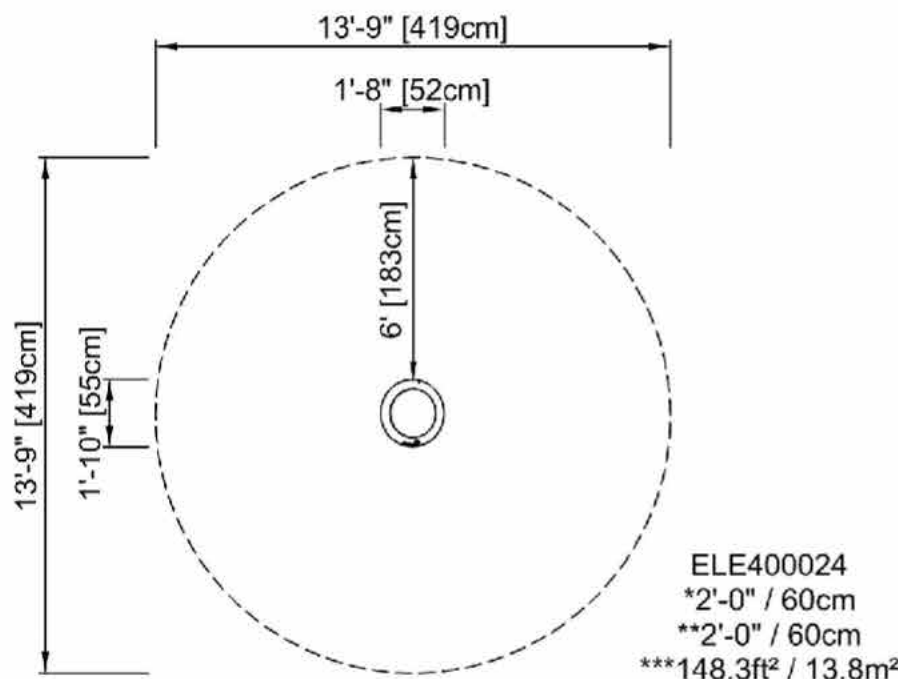
Spinner Bowl

ELE400024



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

* Max fall height | ** Total height



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

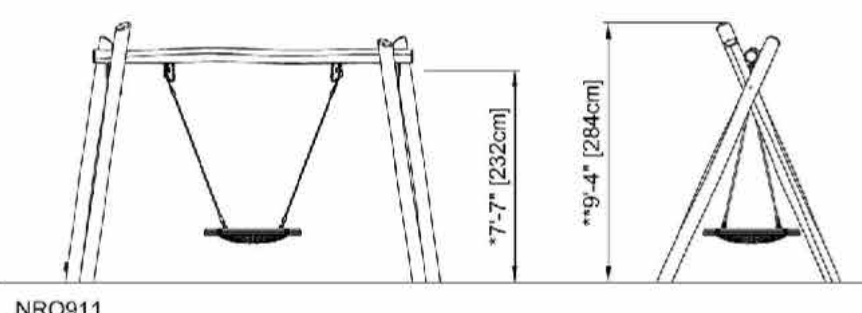
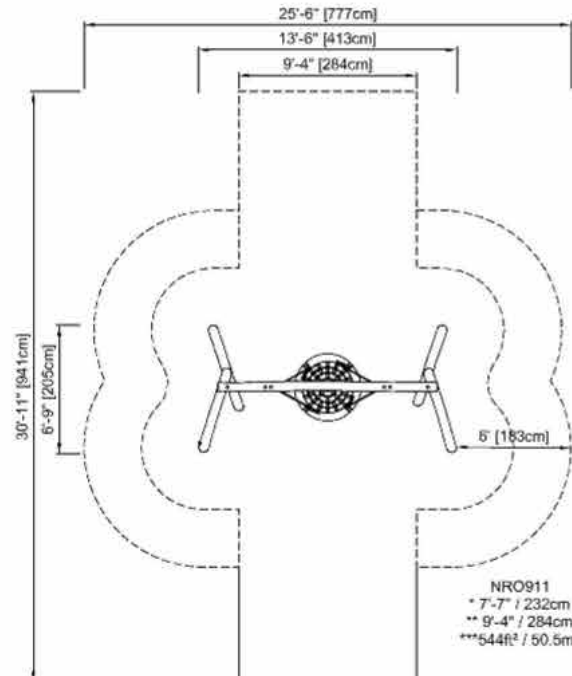
Birds Nest Swing

NRO911



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

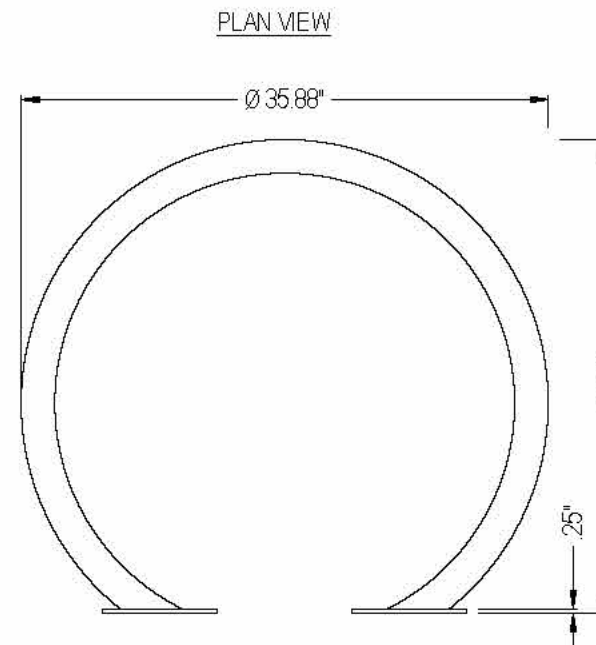
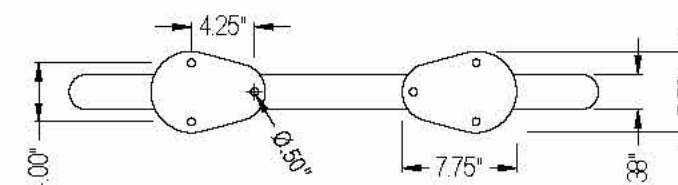
* Max fall height | ** Total height



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

ANOVA

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



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

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

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

928-360

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REVISION DATE 11/20/2023

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8 BIKE RACK
NTS

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PH: (954) 788-3400

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

LANDSCAPE ARCHITECT:



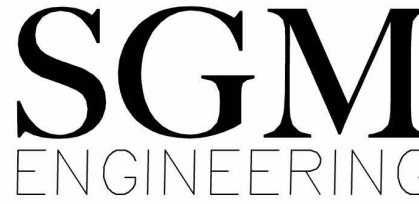
801 INTERNATIONAL PARKWAY
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ARCHITECT:



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DRAWN BY: HALEY WOLFE, P.E.

CHECKED BY: JONATHAN PETRUSHKA, P.E.



CLIENT

VILLAGE OF
PINECREST
PINECREST PARKS & RECREATION

PROJECT

GARY MATZNER
PARK

SHEET TITLE

SITE DETAILS

SHEET

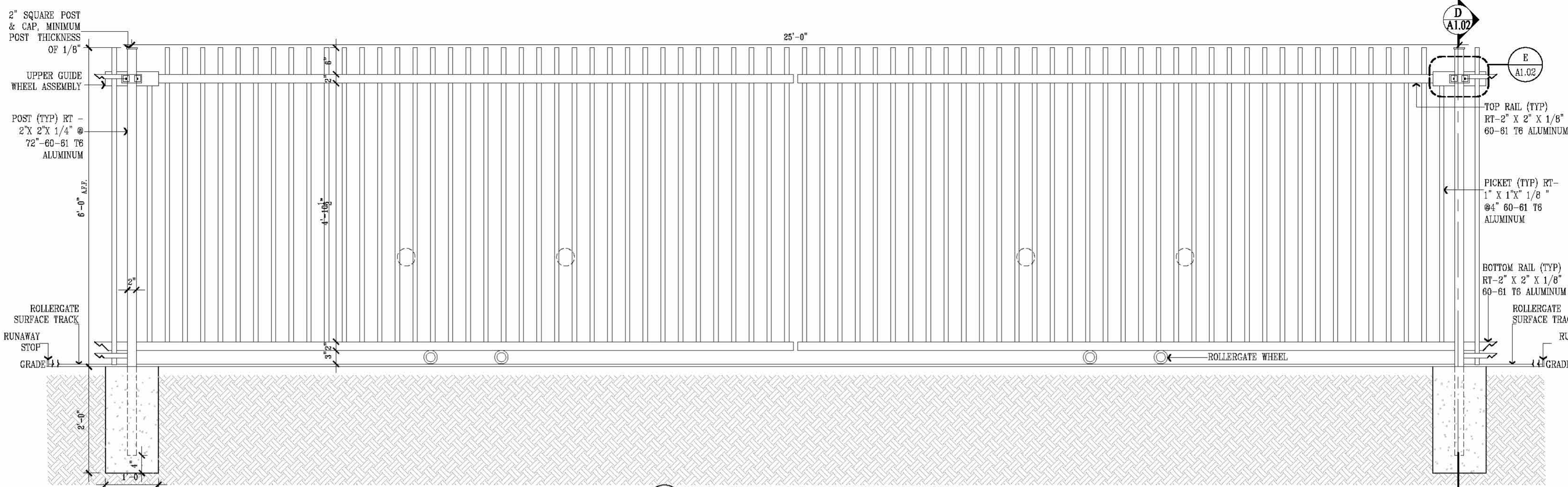
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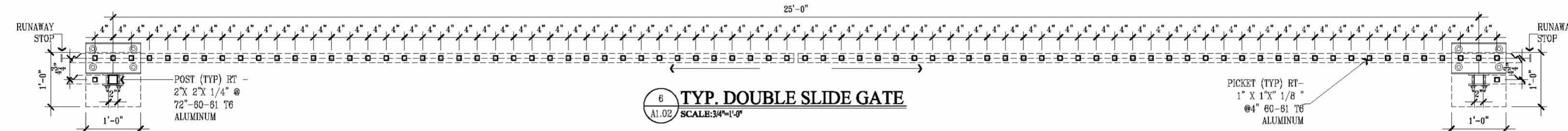
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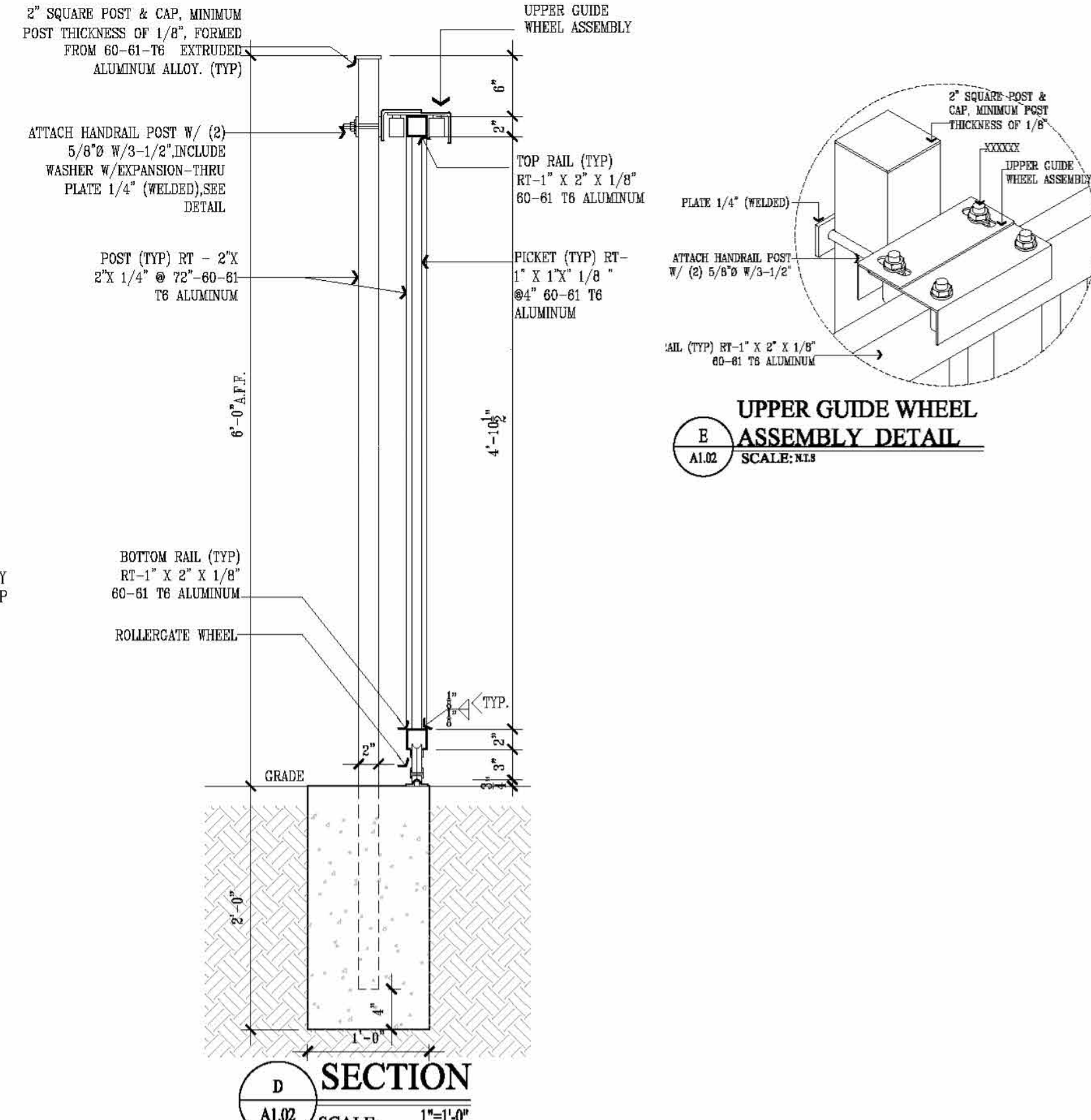
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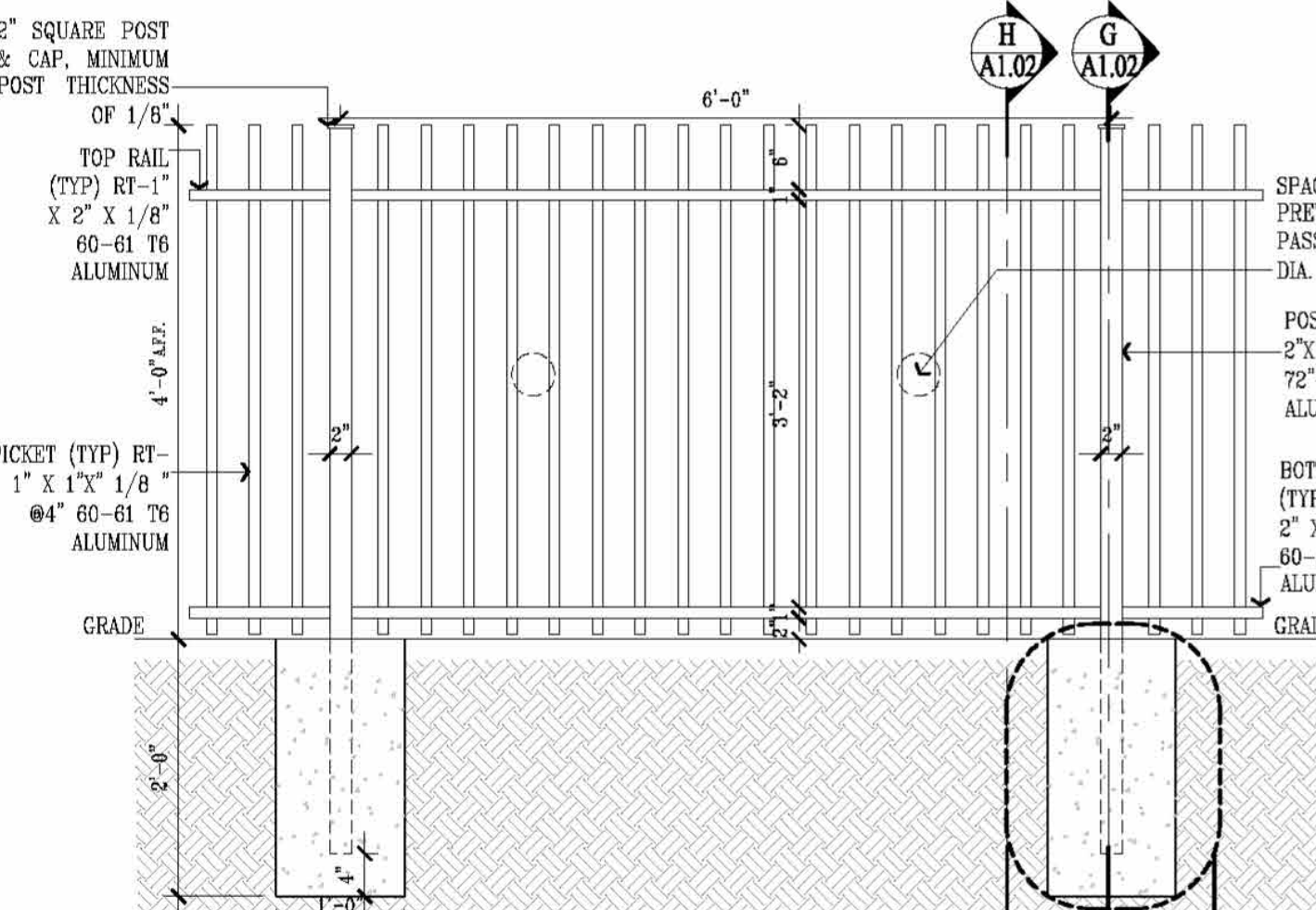
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A1.02 SCALE: 3/4"=1'-0"



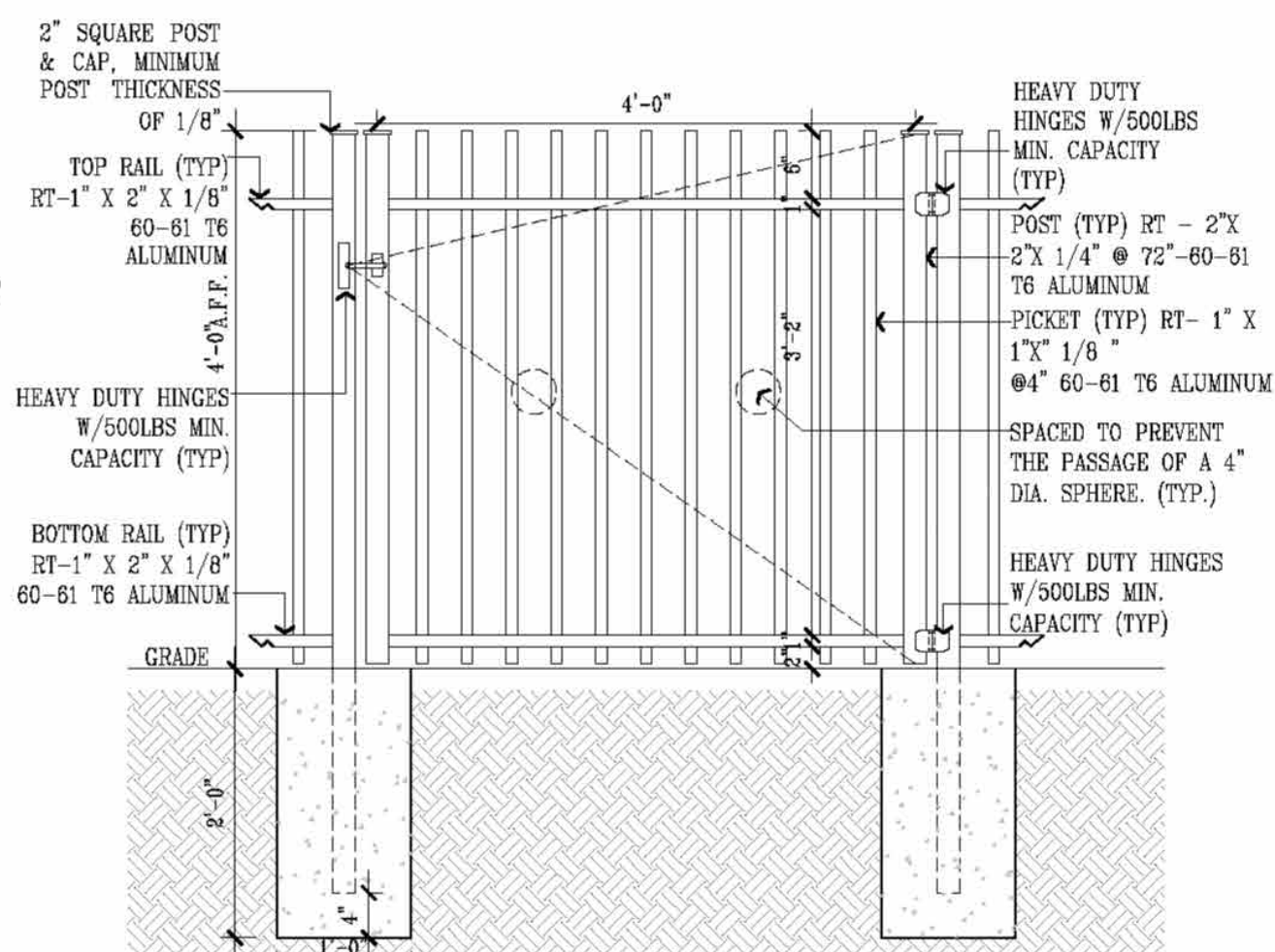
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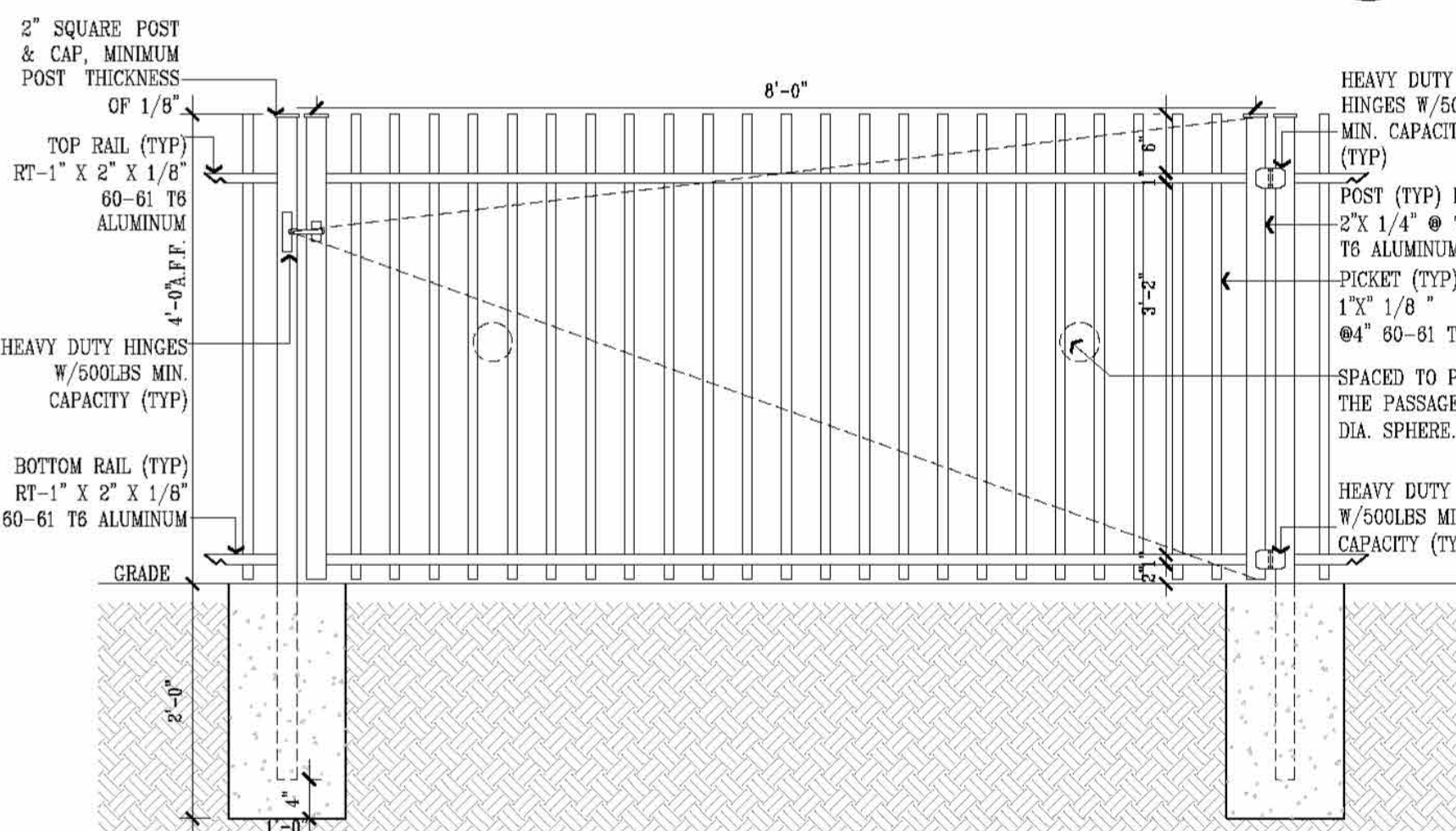
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A1.02 SCALE: 1"=1'-0"



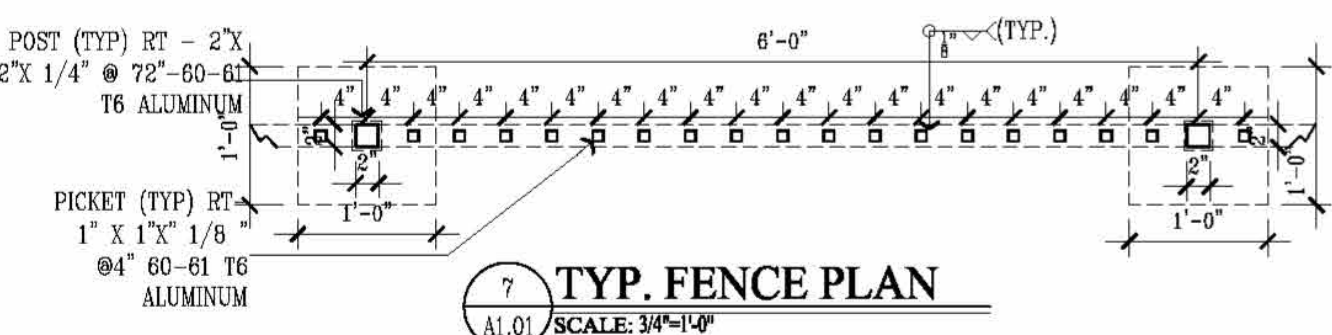
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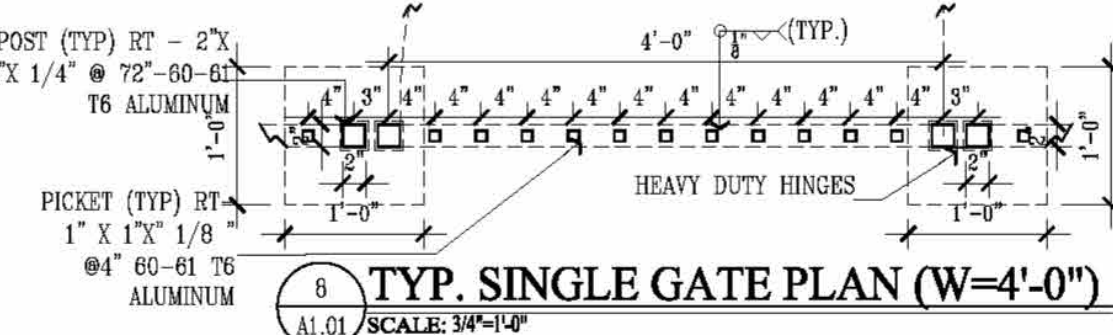
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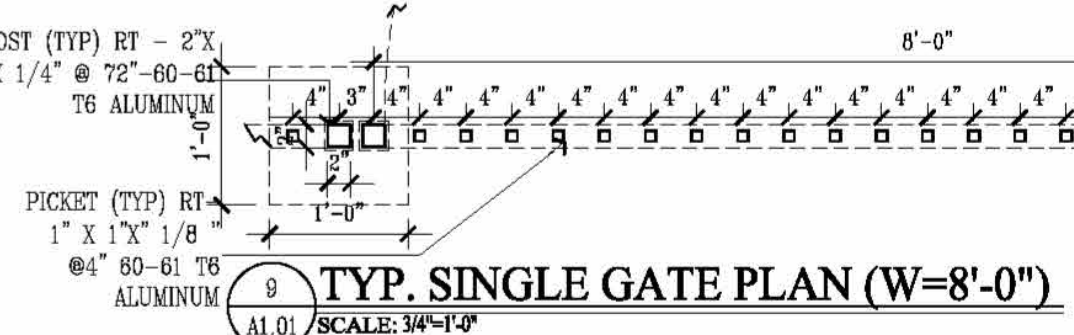
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A1.01 SCALE: 3/4"=1'-0"



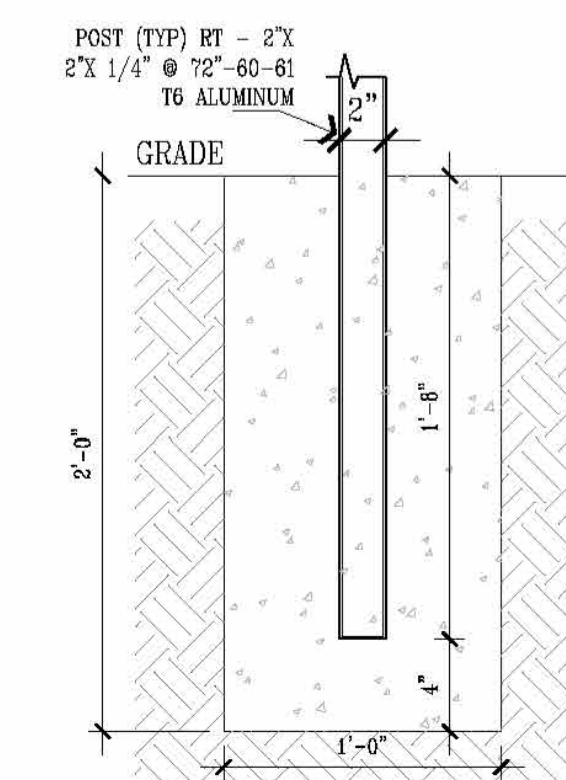
7 TYP. FENCE PLAN
A1.01 SCALE: 3/4"=1'-0"



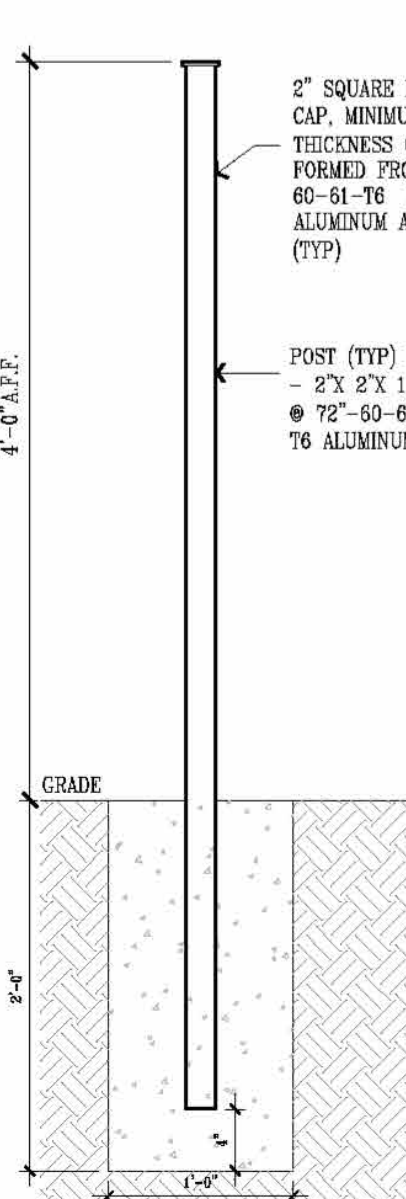
6 TYP. SINGLE GATE PLAN (W=4'-0")
A1.01 SCALE: 3/4"=1'-0"



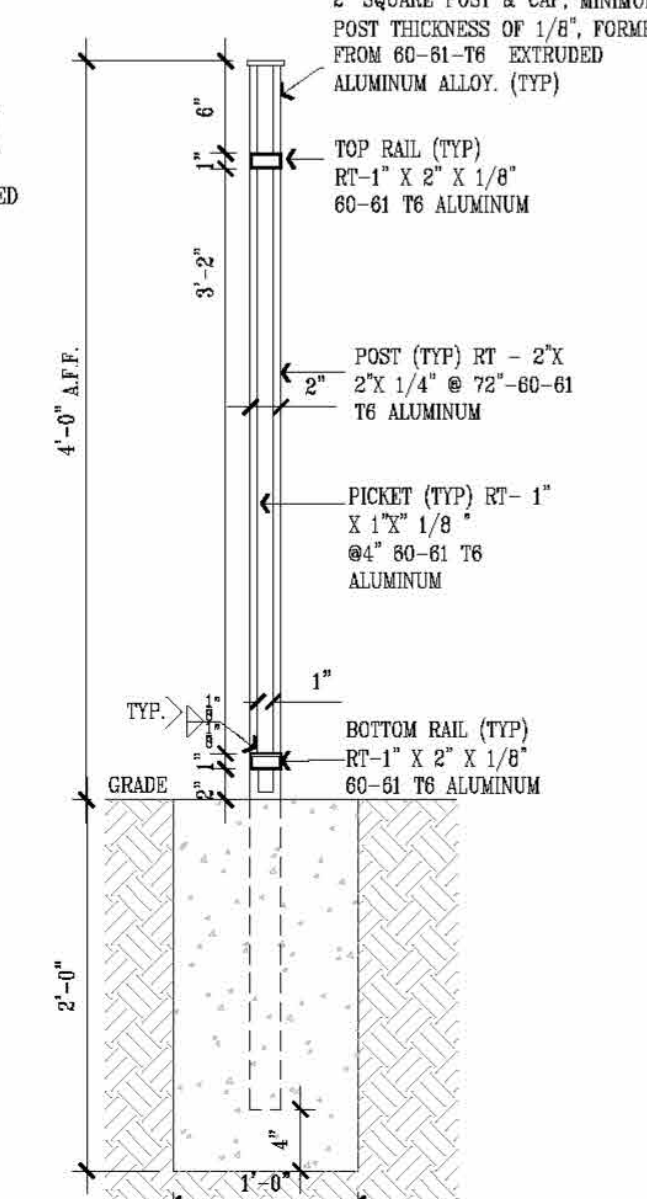
9 TYP. SINGLE GATE PLAN (W=8'-0")
A1.01 SCALE: 3/4"=1'-0"



F INSERT DETAIL
A1.02 SCALE: 1/2"=1'-0"



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



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

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

PROJECT LEAD
& CIVIL ENGINEERING:



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

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

LANDSCAPE ARCHITECT:



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

ARCHITECT:



WANNEMACHER, JENSEN ARCHITECTS
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727-922-5566
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MECHANICAL, PLUMBING,
& ELECTRICAL ENGINEERING:



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

REVISIONS		
NO.	DESCRIPTION	DATE
1	ISSUED FOR BUILDING PERMIT	11/21/24
2	REVISED FOR BUILDING PERMIT	01/10/25

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



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

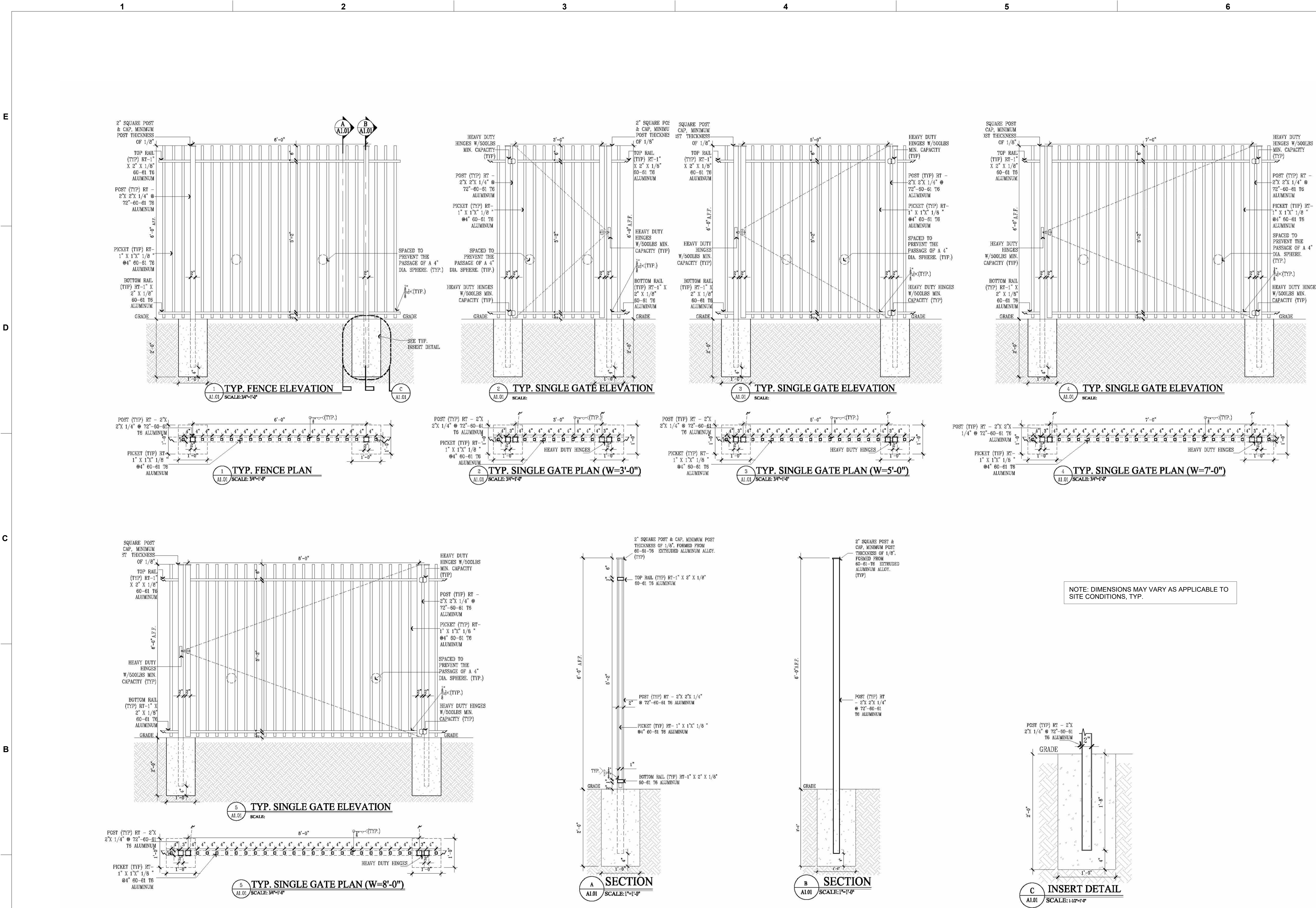
PROJECT
**GARY MATZNER
PARK**

SHEET TITLE
SITE DETAILS

SHEET
NUMBER
LH-304

KEITH PROJECT
NUMBER
13861.00

STATUS:



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

PROJECT LEAD
& CIVIL ENGINEERING:



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

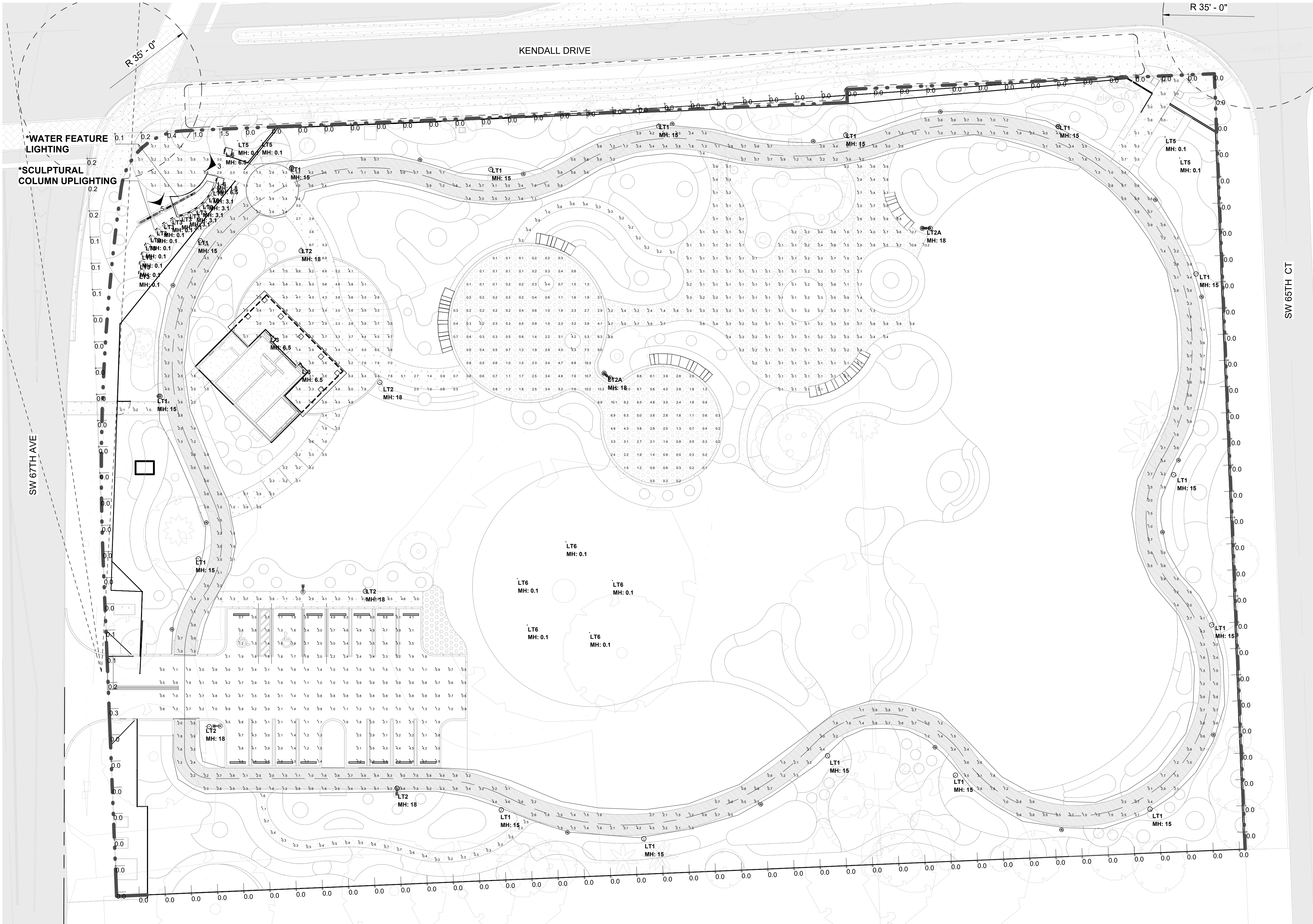
PROJECT
**GARY MATZNER
PARK**

SHEET TITLE
SITE DETAILS

SHEET
NUMBER
LH-305

KEITH PROJECT
NUMBER
13861.00

STATUS:



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

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	AvgMin
MULCHED WALKWAY_Planar	Illuminance	Fc	1.18	13.2	0.1	11.80
PARKING	Illuminance	Fc	2.47	8.5	0.5	4.94
PLAZA & WALKWAYS_1_Planar	Illuminance	Fc	2.70	13.8	0.1	27.00
PLAZA & WALKWAYS_Planar	Illuminance	Fc	1.94	9.0	0.0	N.A.
PROPERTY LINE - HORIZONTAL	Illuminance	Fc	0.02	1.1	0.0	N.A.
PROPERTY LINE - VERTICAL	Illuminance	Fc	0.03	1.5	0.0	N.A.
SOUTHERLY SPILL AT STRUCTURE	Illuminance	Fc	0.01	0.013	0.001	5.00
WALKWAY	Illuminance	Fc	1.33	3.5	0.1	13.30
WALKWAY_1	Illuminance	Fc	0.40	1.0	0.1	4.00
WALKWAY_2	Illuminance	Fc	0.58	2.3	0.2	2.90
WALKWAY_3	Illuminance	Fc	2.50	2.5	2.5	1.00
PATH	Illuminance	Fc	2.10	9.0	0.5	4.20

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

GARY MATZNER PARK							
LIGHTING FIXTURE SCHEDULE							
TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LAMPING		VOLTS	MOUNTING
				TYPE	MAXIMUM WATTAGE		
LT1	AEC	Armo-Min-STE-M-7030-7-1M-1V-M2B-F-FINISH	LED PEDESTRIAN LIGHT *	LED	28	UNV	POLE ARM
LT1-POLE	LUMEC	ATR74-C1-20-FINISH	CURVED ANCHOR BASE POLE	NA	NA	NA	ANCHOR BASE
LT2	LUMCA	CP04T3-SLF-40LED07-107W-VOLT-4-30K-FINISH	LED AREA LIGHT *	LED	107	UNV	POLE ARM
LT2-POLE	LUMCA	LF08-25-VB18-FINISH	SMART POLE	NA	NA	NA	ANCHOR BASE
LT3	INSIGHT	ME-40-ROB30-Q-2020-4B-6-1-2-VOLT-DMX-FX-FINISH-VB	COLOR CHANGING COLUMN LIGHT	LED	9	UNV	COLUMN SURFACE
LT5	BK LIGHTING	DS-LED-65W-FL-40-FINISH-1-2-A-300SL/FP-1-16-FINISH-6-8F	LED LANDSCAPE UPLIGHT	LED	8	UNV	GROUND
LT9	BK LIGHTING	HP-2-LED-TR-2444V-FL-FINISH-10-8ELVMT	LED RECESSED INGRADE UPLIGHT	LED	34	UNV	IN GRADE
UW	ORGANIC	59131	SUBMERISBLE LED COLOR CHAGING ACCENT LIGHT	LED	2-44F	UNV	FOUNTAIN
WV1	STONCO	LPV-15-30-44W-03-3-UNV-FINISH	LED WALL PACK	LED	35	UNV	WALL SURFACE
L-1	HE WILLIAMS	LT24-L40E940-4F-DMX-UNV	2X4 LED TR-OFFER	LED	32	UNV	CEILING RECESSED
L-2	HE WILLIAMS	4DR-TL-L15640-DMX-UNV-W-OF-CS-2-F1	4" RECESSED LED DOWNLIGHT	LED	14	UNV	CEILING RECESSED
L-3	SCOTT	S9130-L24-30K-FT	LED WALL SCONCE	LED	24	UNV	WALL SURFACE
L-4	BEGHELLI	B910H-LED-CO-4-44T-H0-VT-40-130-27V	LED SURFACE MOUNTED WRAP AROUND	LED	35	UNV	SURFACE
L-5	HE WILLIAMS	ASM-4-L25E940-4-DMX-UNV	ARCHITECTURAL SURFACE MOUNTED WRAP AROUND	LED	19.5	UNV	SURFACE
L-6	SCOTT	S9131-L32-30K-FT	LED WALL SCONCE	LED	24	UNV	WALL SURFACE

SEE SITE DETAILS FOR POLE MOUNTED LIGH FIXTURE CUT SHEETS

LIGHTING NOTES

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



PROJECT LEAD & CIVIL ENGINEERING:

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CHECKED BY: JONATHAN PETRUSKA, P.E.



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

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D

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1

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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"		10	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"		13	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"		17	Y	2"
PI DE	Pinus elliottii var. densa	South Florida Slash Pine	10'-14' HT X 6' SPRD	B&B 30"		41	Y	2.5"
PALM TREES								
CO NU	Cocos nucifera	Coconut Palm	VARIABLES, SEE PLAN FOR HEIGHTS	B&B 30"		1	N	
SA PA	Sabal palmetto	Sabal palm	VARIABLES, SEE PLAN FOR HEIGHTS	B&B 30"		26	Y	
VE AR	Veitchia arecina	Montgomery Palm	VARIABLES, 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	-		34	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	-		665	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	-		1,105	Y
JA VO	Jasemine volubile	Wax Jasemine	12" HT x 16" SPRD	24 in	-		373	Y
LA DE	Lantana depressa	Pineland Lantana	12" HT x 16" SPRD	18 in	-		1,581	Y
MU CA	Muhlenbergia capillaris	Pink Muhly Grass	24" HT x 24" SPRD	30 in	-		657	Y
NE EX	Nephrolepis exaltata	Sword Fern	12" HT x 14"SPRD	24 in	-		1,359	Y
ST JA	Stachytarpheta jamaicensis	Blue portenweed	18" HT x 18" SPRD	36 in	-		548	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	-		751	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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CLIENT

VILLAGE OF
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PROJECT

GARY MATZNER
PARK

SHEET TITLE

PLANTING
SCHEDULE

SHEET NUMBER

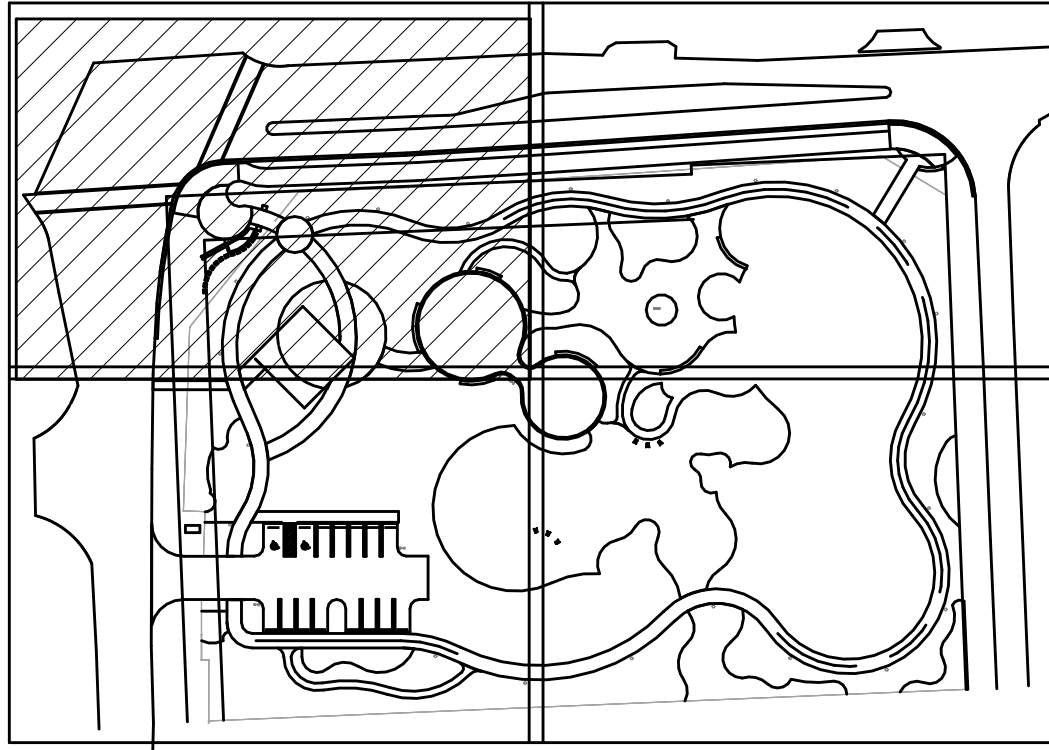
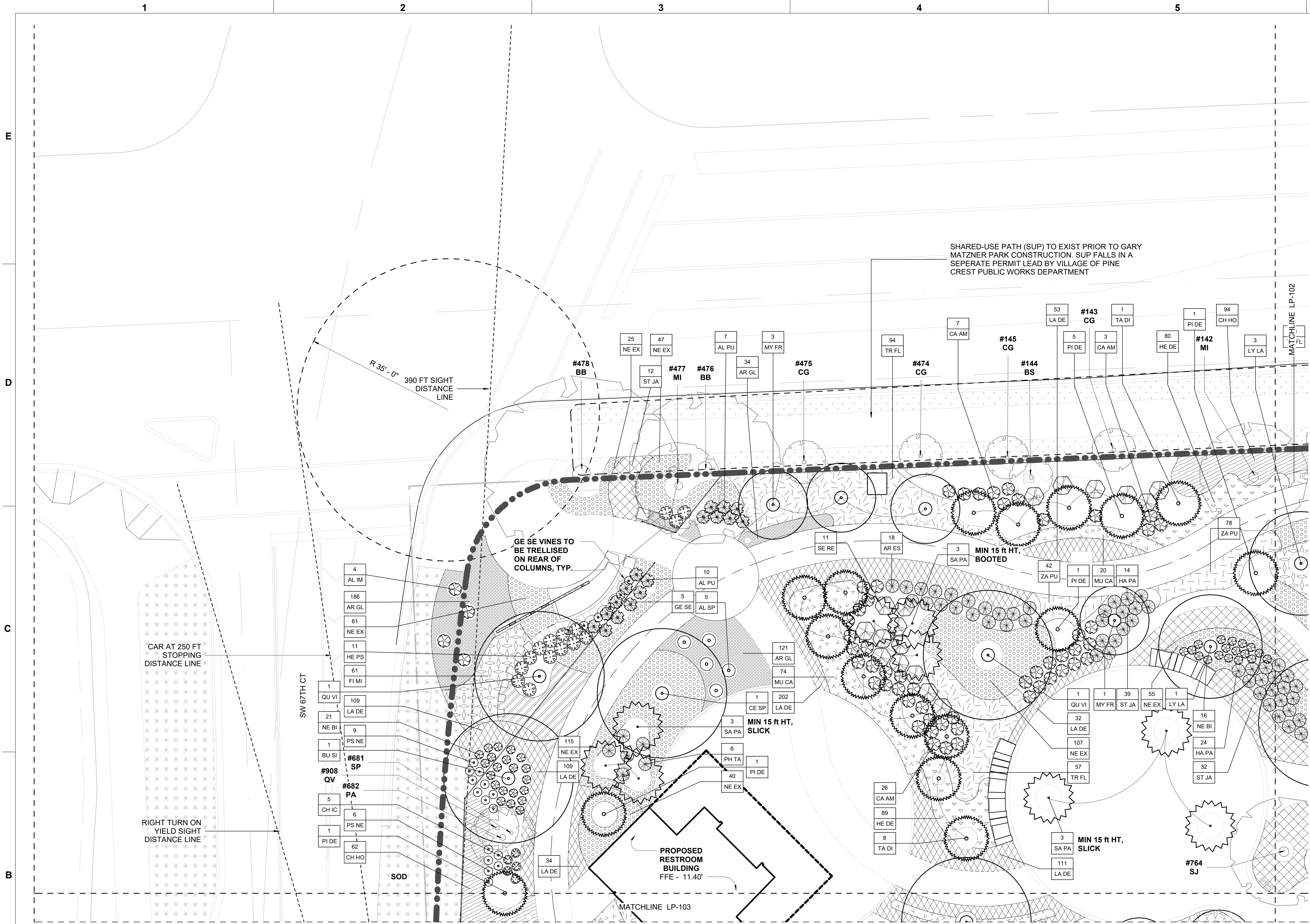
LP-002

KEITH PROJECT NUMBER

13861.00

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

STATUS:



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 AND SPECIFICATIONS.
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.

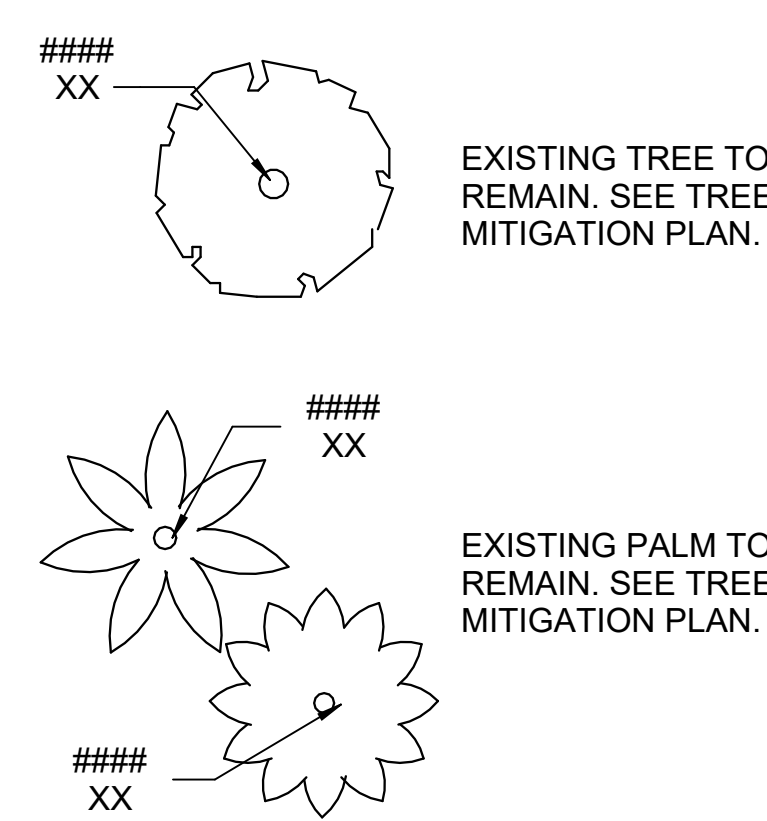
1 PLANTING PLAN - AREA 1
SCALE: 1" = 10'-0"

TREES					
CODE	BOTANICAL NAME	COMMON NAME	CONDITION	SIZE	COMMENTS
BU SI	Bursera simaruba	Gumbo Limbo	B&B 30"	12' HT X 5' SPRD	-
CE SP	Ceiba speciosa	Silk Floss Tree	B&B 30"	12' HT X 5' SPRD	-
CH OL	Chrysophyllum oliviforme	Satinleaf	B&B 30"	12' HT X 5' SPRD	-
CL RO	Clusia rosea	Pitch apple	B&B 30"	12' HT X 5' SPRD	-
CO NU	Cocos nucifera	Coconut Palm	B&B 30"	15' GW	SLICK
CO SE	Cordia sebestena	Geiger Tree	B&B 30"	12' HT X 5' SPRD	-
DE RE	Delonix regia	Royal Poinciana	B&B 30"	12' HT X 5' SPRD	-
LY LA	Lysiloma latisiliquum	Wild Tamarind	B&B 30"	12' HT X 5' SPRD	-
MY FR	Myrcianthes fragrans	Simpson's Stopper	B&B 30"	8-10' HT X 5' SPRD	-
PI DE	Pinus 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 arcina	Montgomery Palm	B&B 30"	15' GW	TRIPLE

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

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

EXISTING TREE LEGEND



PROJECT LEAD & CIVIL ENGINEERING:

KEITH

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Florida Engineering Business License: CA7928
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Florida Landscape Architecture Business License: LC20000457

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5301 WATERFORD DISTRICT DR.
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REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR BUILDING PERMIT	11/21/24
2	REVISED FOR BUILDING PERMIT	01/10/25

ISSUE DATE: 11/21/2024

DESIGNED BY: MATTHEW MANDE, P.E.

DRAWN BY: HALEY WOLFE, P.E.

CHECKED BY: JONATHAN PETRUSHKA, P.E.

CLIENT

VILLAGE OF PINECREST

PINECREST PARKS & RECREATION

PROJECT

GARY MATZNER PARK

SHEET TITLE

PLANTING PLAN

SHEET NUMBER

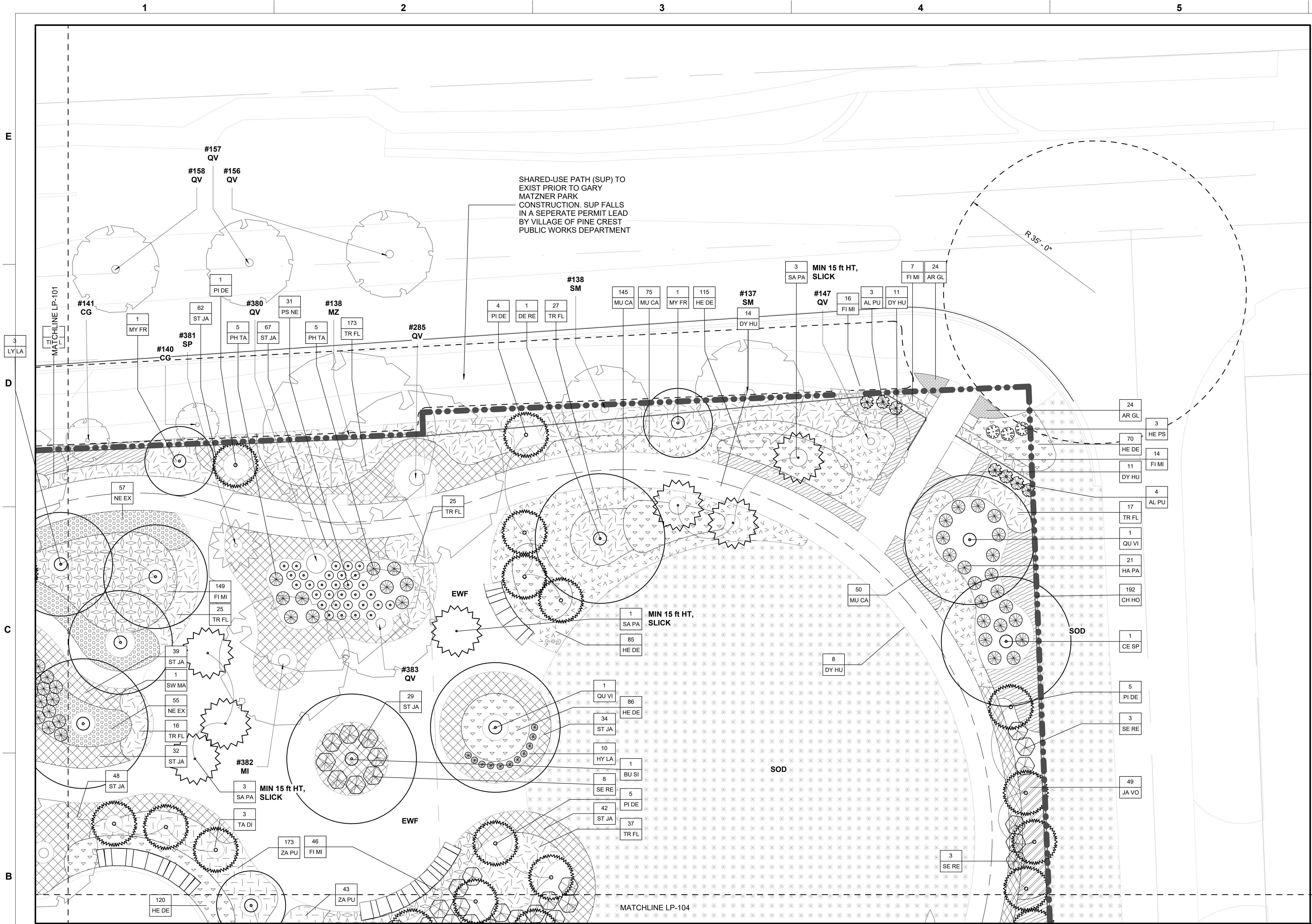
LP-101

KEITH PROJECT NUMBER

13861.00

Drawing name: S:\Projects\2023\23738-Pinecrest, FL Gary Matzner Park Design\BIM, CAD, GIS\BIM\CAD Linework\PLT\BKG_101.dwg

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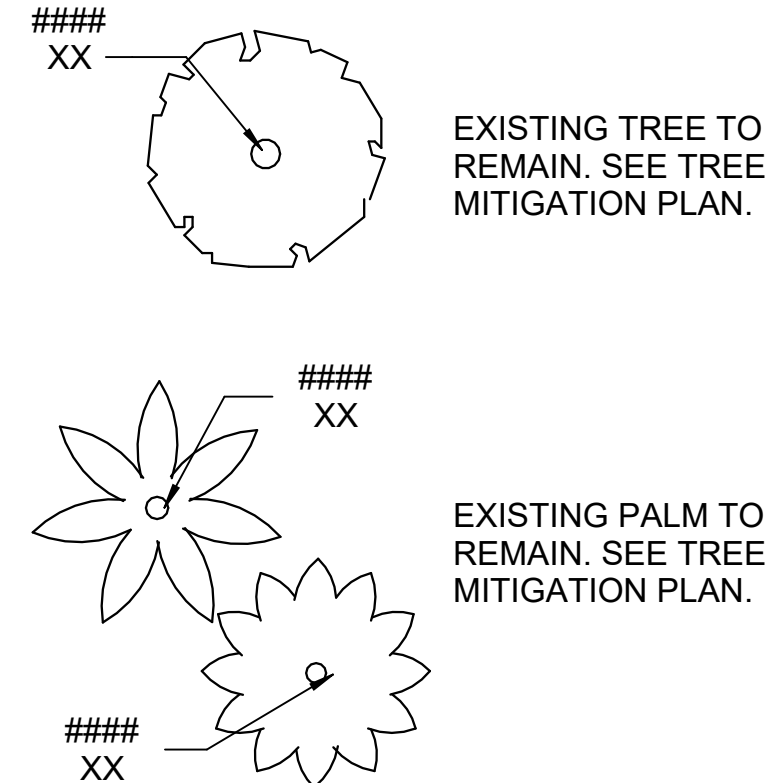
1 PLANTING PLAN - AREA 2
SCALE: 1" = 10'-0"

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

SHRUBS			
CODE	BOTANICAL NAME	COMMON NAME	SIZE
AL IM	Alcantarea imperialis	Imperial Bromeliad	
AL SP	Alcantarea imperialis 'silver plum'	Giant Silver Plum Bromeliad	
AL PU	Alpinia purpurata	Red Ginger	30" HT x 30" SPRD
AR ES	Ardisia escallonioides	Marlberry	24" HT x 24" SPRD
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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
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PLANTING AREAS			
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	Jasamine volubile	Wax Jasmine	12" HT x 16" SPRD
LA DE	Lantana depressa	Pineland Lantana	12" HT x 16" SPRD
MU CA	Muhlenbergia capillaris	Pink Muhly Grass	24" HT x 24" SPRD
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TR FL	Tripsacum floridanum	Florida Gamagrass	24" HT x 24" SPRD
ZA PU		Cootnie	

EXISTING TREE LEGEND



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301 EAST ATLANTIC BLVD.
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Florida Engineering Business License: CA7928
Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC22000457

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5301 WATERFORD DISTRICT DR.
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NO.	DESCRIPTION	DATE
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ISSUE DATE: 11/21/2024
DESIGNED BY: MATTHEW MANDE, P.E.
DRAWN BY: HALEY WOLFE, P.E.
CHECKED BY: JONATHAN PETRUSHKA, P.E.



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

PROJECT

**GARY MATZNER
PARK**

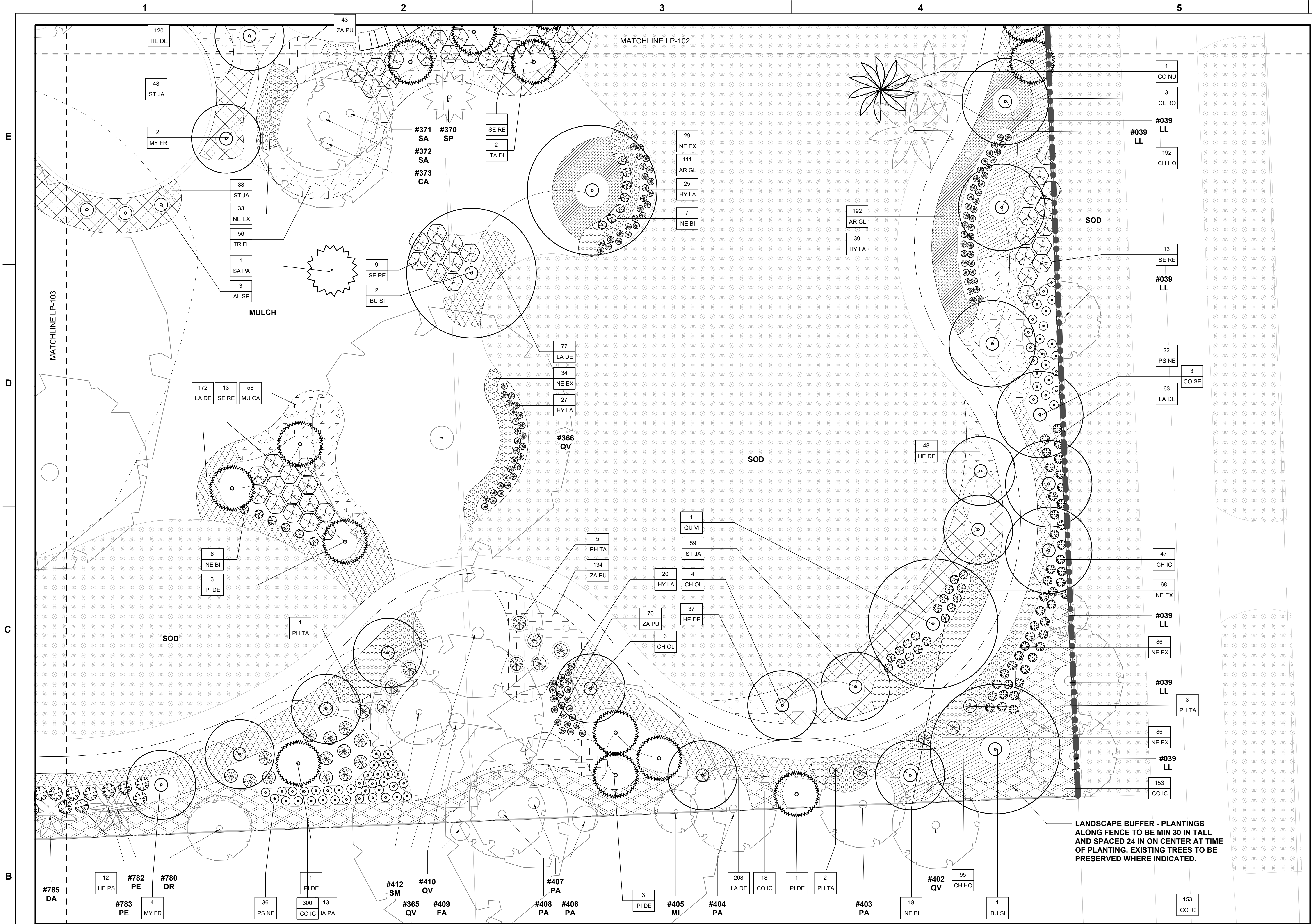
SHEET TITLE

PLANTING
PLAN

SHEET
NUMBER
LP-102

KEITH PROJECT
NUMBER
13861.00

STATUS:



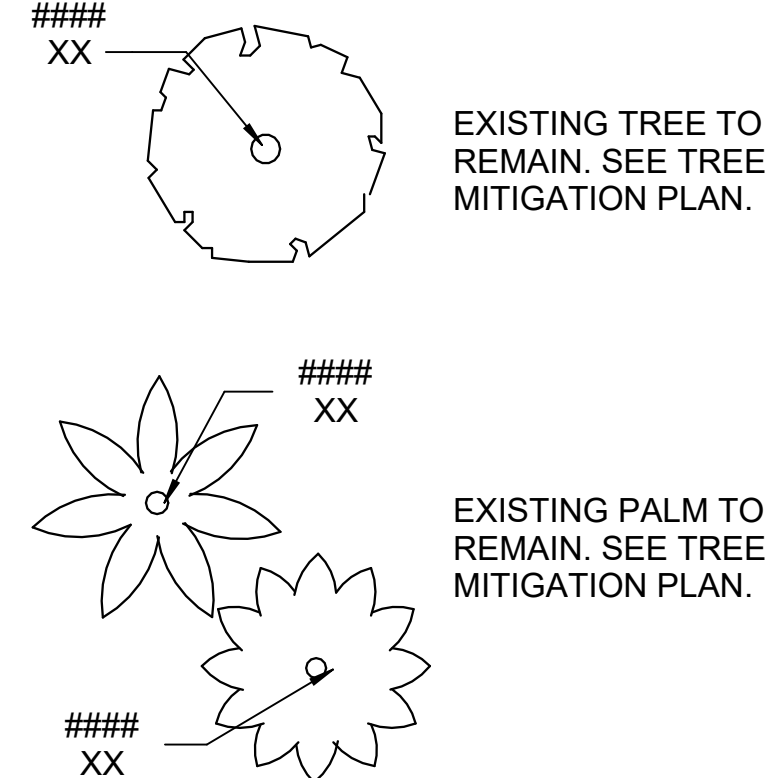
1 PLANTING PLAN - AREA 4
SCALE: 1" = 10'-0"

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ZA PU		Cootnie	

EXISTING TREE LEGEND



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DESIGNED BY: MATTHEW MANDE, P.E.
DRAWN BY: HALEY WOLFE, P.E.
CHECKED BY: JONATHAN PETRUSHKA, P.E.



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:

TREE PROTECTION AREA. REFER PLAN

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

MIN. 4'-0"

8'-0" MAX.

Diagram illustrating the installation of a tree pit, showing the root ball, mulch layer, and surrounding soil. The diagram includes the following labels and instructions:

- 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
- 1x
- 3x WIDEST DIMENSION OF ROOT BALL

Diagram illustrating the cross-section of a tree pit with the following components and dimensions:

- 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**
- 3x WIDEST DIMENSION OF ROOT BALL**
- 1" ±**
- 2-3" TYP**

Diagram illustrating the cross-section of a tree pit installation, showing the relationship between the root ball, soil mix, mulch, and the surrounding ground surface.

Key components and labels:

- SET ROOT BALL 1-2" ABOVE FINISH GRADE PROVIDING POSITIVE DRAINAGE AWAY FROM CENTER OF PLANT**
- 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**
- 2-3" TYP.** (Label for the mulch layer thickness)
- SPACING A OR B SEE PLANT SPACING DETAIL** (Label for the distance between planting pits)

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

VARIES SEE SOILS PLAN

Diagram illustrating the 30-foot setback rule for shrubs. The diagram shows a grid of circular plants. A horizontal line at the bottom represents the "EDGE OF PLANTING AREA". A vertical line on the left represents the "ADJACENT PLANTING TYPE". The distance from the vertical line to the first column of plants is labeled "C". The distance from the horizontal line to the first row of plants is labeled "B". The distance from the vertical line to the center of a plant is labeled "A". The distance from the horizontal line to the center of a plant is labeled "B". The distance from the vertical line to the edge of the planting area is labeled "C". The diagram shows that the setback "C" is equal to the distance "A" plus the radius of the plant.

"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

KEITH PROJECT
NUMBER 13861.00

Drawing name: S:\Projects\2023\1823738-Pinecrest, FL Gary Matzner Park Design\BIM_CAD_GIS\BIM\CAD Links\XR-GMP-TTLBK_test.dwg

STATUS: