

	EXISTING TREE DISPOSITION LIST								
			(in)	ı 🛖	 				
			Diameter (in)	Height (ft)	ead (ft)				
No	Common Name	Scientific Name	Diam	Teig		<u>Condition</u>	Disposition	Comments	
1	Cabbage Palm	Sabal palmetto	10	25	10	Good	Кеер	Comments	
	Cabbage Palm	Sabal palmetto	9 8.3	25 22		Fair-Good Fair-Poor	Keep	some trunk damage	
	Cabbage Palm Cabbage Palm	Sabal palmetto Sabal palmetto	7.6	25	_	Good	Кеер Кеер	small crown; trunk damage	
5	Green Buttonwood	Conocarpus erectus	3	12		Good	Кеер	new planting	
	Green Buttonwood Medjool Date Palm	Conocarpus erectus Phoenix dactylifera 'Medjool'	13	10 22		Good Fair	Кеер Кеер	new planting little crown stunting; new planting	
8	Medjool Date Palm	Phoenix dactylifera 'Medjool'	13	22	12	Fair	Кеер	little crown stunting; new planting	
	Dwarf White Trumpet Coconut Palm	Tabebuia bahamensis Cocos nucifera	1.5	12 25		Good Fair-Good	Кеер Кеер	new planting	
11	Coconut Palm	Cocos nucifera	12.3	35	16	Good	Кеер		
	Coconut Palm Coconut Palm	Cocos nucifera Cocos nucifera	9.6	25 35	_	Good Good	Кеер Кеер		
14	Coconut Palm	Cocos nucifera	8	22	16	Fair-Good	Кеер		
	Coconut Palm Green Buttonwood	Cocos nucifera Conocarpus erectus	9.6	25 18		Good Good	Keep Keep	new planting	
	Green Buttonwood	Conocarpus erectus	5.5			Good	Кеер	new planting	
18	Green Buttonwood	Conocarpus erectus	4.5	10	12	Poor	Кеер	codominant leader split out	
19	Green Buttonwood	Conocarpus erectus	4.7	22	12	Poor	Keep	sig. stress - dieback, interior sprouting. Poss. Irrigation break/wash-out	
20	Green Buttonwood	Conocarpus erectus	3.5	16	12	Good	Кеер	new planting	
	Dwarf White Trumpet Green Buttonwood	Tabebuia bahamensis Conocarpus erectus	1.5	14		Good Fair-Poor	Кеер Кеер	new planting top of leader broken off	
23	Green Buttonwood	Conocarpus erectus	3.5	12	14	Fair-Poor	Кеер	top of leader broken off	
	Green Buttonwood Green Buttonwood	Conocarpus erectus Conocarpus erectus	3.5	14 16		Good Good	Keep Keep		
	Green Buttonwood	Conocarpus erectus	4	16	14	Good	Кеер		
	Green Buttonwood Coconut Palm	Conocarpus erectus Cocos nucifera	4.5	1 <i>6</i>		Good Good	Keep Transplant		
	Coconut Palm	Cocos nucifera	11.8	35		Good	Transplant		
	Coconut Palm Coconut Palm	Cocos nucifera Cocos nucifera	10.2	35 40		Good Good	Transplant Transplant		
	Coconut Palm	Cocos nucifera  Cocos nucifera	11	38		Good	Transplant		
	Cabbage Palm	Sabal palmetto	13	25			Transplant		
	Cabbage Palm Cabbage Palm	Sabal palmetto Sabal palmetto	14	22 25		Good Fair-Good	Transplant Transplant	bent head	
	Cabbage Palm	Sabal palmetto	13.7	23		Good	Transplant		
37	Silver Buttonwood	Conocarpus erectus-sericeus	13.5 + 14	20	24	Fair-Poor	Remove	2 trees close together; sig. decay columns in both trunks	
		,						good structure but foliage appears	
	Royal Poinciana Coconut Palm	Delonix regia Cocos nucifera	13.2	30		Fair Fair-Good	Remove Transplant	unthrifty; poss remedially treat?	
40	Coconut Palm	Cocos nucifera	6.4	22	14	Fair-Good	Transplant		
	Coconut Palm Coconut Palm	Cocos nucifera Cocos nucifera	12	30 35		Good Good	Transplant Transplant		
	Coconut Palm	Cocos nucifera	12	30		Good	Transplant		
1	West Indies Mahogany	Swietenia mahagoni	21	35	35	Good	Keep	in good condition but quite large to relocate	
	Coconut Palm	Cocos nucifera	11.5	35		Good	Transplant	relocule	
	Coconut Palm Coconut Palm	Cocos nucifera Cocos nucifera	9.5 10.5	35 35		Good Good	Transplant		
47	Coconul Faiiii	Cocos Hocherd	10.3	30	) 10	Good	Transplant	sig. hurricane damage; main leader	
	West Indies Mahogany	Swietenia mahagoni	20.5	28	30	Poor	Remove	broken above old decay cavity	
	West Indies Mahogany Coconut Palm	Swietenia mahagoni Cocos nucifera	stump 12.5	35	16	Dead Good	Remove Transplant		
51	Coconut Palm	Cocos nucifera	9.4	30	16	Good	Transplant		
	Bridal Bouquet Bridal Bouquet	Plumeria pudica Plumeria pudica	multi 5	12		Fair Fair	Remove Remove	shrub, not a tree shrub, not a tree	
54	Coconut Palm	Cocos nucifera	11.6	30	16	Good	Transplant		
	Coconut Palm Coconut Palm	Cocos nucifera Cocos nucifera	11.3	32 28		Good Good	Transplant Transplant		
	West Indies Mahogany	Swietenia mahagoni	8.8	18		Fair	Remove	crown flat under shade of #30	
								old codominant stems with included bark; very large, wide-spreading for	
	West Indies Mahogany	Swietenia mahagoni	26.5			Fair-Good	Кеер	relocation	
	Cabbage Palm Cabbage Palm	Sabal palmetto Sabal palmetto	8.3 8.8	20		Good Fair-Good	Transplant Remove	trunk irregularities	
61	Cabbage Palm	Sabal palmetto	8.5	28	1 C	Fair-Poor	Remove	trunk damage	
	Cabbage Palm Live Oak	Sabal palmetto  Quercus virginiana	8.5 7.3	25 18	_	Fair Good	Remove Transplant	trunk irregularities	
	Live Oak	Quercus virginiana	5.2	20		Good	Transplant		
65	Silver Buttonwood	Conocarpus erectus-sericeus	10.5 + 7	24	- 20	Fair-Poor	Remove	low codominant leaders; decay columns in both leaders; sparse, dieback circling roots, root suckers; flat & leaning to N due to shade; 68, 69, 70 a	
66	Live Oak	Quercus virginiana	12.8	22	28	Fair	Кеер	cluster	
67	Live Oak	Quercus virginiana	17	22	34	Good	Кеер	leaning to NE due to shade; 68, 69, 70 a cluster leaning to ESE due to shade; 68, 69, 70	
	Live Oak	Quercus virginiana	18.3			Good	Keep	a cluster	
	Coconut Palm Coconut Palm	Cocos nucifera Cocos nucifera	12.8	35		Good Good	Transplant Transplant		
		1	12		' '	1			

		T	<u> </u>			1		
_,	D		10		م ر			sig. decline, dieback, interior sprouting,
	Royal Poinciana	Delonix regia	13			Poor	Remove	prob. Due to hurricane or seawater
/2	Coconut Palm	Cocos nucifera	11.3	28	16	Fair-Poor	Remove	sig. trunk damage
								storm damage, stress; dead & decayed
73	Green Buttonwood	Conocarpus erectus	16.8	28	30	Fair-Poor	Remove	limbs
								storm damage will be OK, but not very
74	Green Buttonwood	Conocarpus erectus	16.1	25	30	Fair	Remove	attractive
		· ·						sig. decay cavitites all 3 leaders; broken
75	Silver Buttonwood	Conocarpus erectus-sericeus	12.5+7.2+8	24	25	Fair-Poor	Remove	branches due to storm
$\vdash$	Coconut Palm	Cocos nucifera	10			Fair	Remove	decay cavity in trunk
$\vdash$	Coconut Palm	Cocos nucifera	9.3			Good	Remove	decay cavily in fronk
			10					
	Coconut Palm	Cocos nucifera				Good	Remove	11
	Seagrape	Coccoloba uvifera	4+3.3+3.5			Fair	Remove	all stems are suckers off old stump
	Seaside Mahoe	Thespesia populnea	6.5+6.5	16		Fair	Remove	prohibited species
81	Seaside Mahoe	Thespesia populnea	6+4	16	15	Fair	Remove	prohibited species
82	Seaside Mahoe	Thespesia populnea	stump	0	0	Poor	Remove	prohibited species
								large tree toppled over bank; could
								relocate if done soon w/o damaging
84	Seagrape	Coccoloba uvifera	15 @ 4-8	20	l 40	  Fair	Remove	bank
	<u> </u>		13.8	25		Good	Remove	retain if possible
63	West Indies Mahogany	Swietenia mahagoni	13.0	23	30	G000	Remove	<u> </u>
								circling roots, root suckers; slightly
$\overline{}$	Live Oak	Quercus virginiana	14.5			Fair-Good	Remove	sparse, little dieback. Remedially treat.
87	Pink Trumpet	Tabebuia heterophylla	5.5	20	8	Fair	Remove	narrow crown; 1 limb broken off
88	Coconut Palm	Cocos nucifera	12.2	28	16	Good	Remove	
								Broken, damaged leader due to
89	Pink Trumpet	Tabebuia heterophylla	14	25	30	  Fair	Remove	hurricane
-	Cabbage Palm	Sabal palmetto	7.6			Fair	Remove	fair health, poor trunk
		,	7.0	25		Fair	_	
	Cabbage Palm	Sabal palmetto					Remove	fair health, poor trunk
$\overline{}$	Cabbage Palm	Sabal palmetto	10			Fair	Remove	fair health, poor trunk
	Cabbage Palm	Sabal palmetto	8	20		Poor	Remove	sig trunk irregularities & damage
94	Coconut Palm	Cocos nucifera	14.3	28		Good	Remove	
95	Coconut Palm	Cocos nucifera	10.8	28	16	Good	Remove	
96	Coconut Palm	Cocos nucifera	11	32	16	Good	Remove	
97	Coconut Palm	Cocos nucifera	15	30	16	Good	Remove	
	Coconut Palm	Cocos nucifera	10.4	30		Good	Remove	
$\vdash$	Coconut Palm	Cocos nucifera	10			Good	Remove	
	Gumbo Limbo	Bursera simaruba	15.6			Fair-Good	Remove	
$\overline{}$							_	
-	Coconut Palm	Cocos nucifera	11	28		Good	Remove	
	Coconut Palm	Cocos nucifera	11	32		Good	Remove	
$\vdash$	Coconut Palm	Cocos nucifera	12	30		Good	Remove	
104	West Indies Mahogany	Swietenia mahagoni	14	30	24	Good	Remove	retain if possible
105	Cabbage Palm	Sabal palmetto	10	16	10	Fair	Remove	trunk irregularities
	-							trunk damage and nutritional
106	Cabbage Palm	Sabal palmetto	8.7	28	6	Poor	Remove	deficiencies
100	- Januage Fami	- Cabai Paimeire	0.7				110111010	
107	Royal Poinciana	Dalaniy ragia	10	16	ാമ	Good	Remove	wash-outs under roots, possibly seawate
-	· · · · · · · · · · · · · · · · · · ·	Delonix regia				Good		wasii-ouis urider roois, possibly sedwale
	Gumbo Limbo	Bursera simaruba	13				Remove	
109	Silver Buttonwood	Conocarpus erectus-sericeus	3	14	5	Poor	Remove	
								prohibited species - uprooted leaning
110	Seaside Mahoe	Thespesia populnea	4+5+6	18	18	Poor	Remove	toward bay
								prohibited species - partially uprooted
111	Seaside Mahoe	Thespesia populnea	9 @ 6-8	18	20	Fair	Remove	w/#120
-	Cabbage Palm	Sabal palmetto	8	20		Fair-Poor	Remove	S-shaped trunk
	Cabbage Palm	Sabal palmetto	7.4	25		Fair	Remove	thin
113	Cappage rulli	Todadi palificilo	1 .4		10	I GII	Tremove	in decline - sparse, dieback - damage &
	٦٨/	Franks .	10 . 10	0.5		 	D =	· ·
-	Weeping Fig	Ficus benjamina	19 + 19 +	25		Poor	Remove	decay
	Coconut Palm	Cocos nucifera	10		_	Good	Remove	-
-	Coconut Palm	Cocos nucifera	14.3			Good	Remove	
117	Coconut Palm	Cocos nucifera	13.3	28		Good	Remove	
118	Royal Poinciana	Delonix regia	15.4	18	35	Fair-Good	Remove	a little sparse
119	Coconut Palm	Cocos nucifera	12.4	38		Fair-Good	Remove	hole in upper trunk area
$\vdash$	Coconut Palm	Cocos nucifera	12.4	38		Good	Remove	
			12.1		_ · Ŭ		1	nutritional deficiencies & trunk cracks,
101	Royal Palm	Roystonea regia	15.5	35	1 4	Fair-Poor	Remove	prob from seawater
121	Noyur i ullii	Indystotted regid	15.5	35	10	r uir-r oor	Ivelliove	<u>'</u>
, _	D 10 '							nutritional deficiencies & trunk cracks,
122	Royal Palm	Roystonea regia	15.3	33	16	Fair-Poor	Remove	prob from seawater

TRANSPLANTS								
No.	<u>Common Name</u>	<u>Scientific Name</u>	Diameter (in)	Height (ft)	Spread (ft)	<u>Condition</u>	Disposition	
28	Coconut Palm	Cocos nucifera	12.7	35	16	Good	Transplant	
29	Coconut Palm	Cocos nucifera	11.8	35		Good	Transplant	
30	Coconut Palm	Cocos nucifera	10.2	35	16	Good	Transplant	
31	Coconut Palm	Cocos nucifera	12	40	16	Good	Transplant	
32	Coconut Palm	Cocos nucifera	11	38		Good	Transplant	
39	Coconut Palm	Cocos nucifera	10.6	30	14	Fair-Good	Transplant	
40	Coconut Palm	Cocos nucifera	6.4	22	14	Fair-Good	Transplant	
41	Coconut Palm	Cocos nucifera	12	30	14	Good	Transplant	
42	Coconut Palm	Cocos nucifera	11.8	35	16	Good	Transplant	
43	Coconut Palm	Cocos nucifera	12	30	16	Good	Transplant	
45	Coconut Palm	Cocos nucifera	11.5	35	16	Good	Transplant	
46	Coconut Palm	Cocos nucifera	9.5	35	16	Good	Transplant	
47	Coconut Palm	Cocos nucifera	10.5	35	16	Good	Transplant	
50	Coconut Palm	Cocos nucifera	12.5	35	16	Good	Transplant	
51	Coconut Palm	Cocos nucifera	9.4	30	16	Good	Transplant	
54	Coconut Palm	Cocos nucifera	11.6	30	16	Good	Transplant	
55	Coconut Palm	Cocos nucifera	11.3	32	16	Good	Transplant	
56	Coconut Palm	Cocos nucifera	9	28	16	Good	Transplant	
69	Coconut Palm	Cocos nucifera	12.8	30	14	Good	Transplant	
70	Coconut Palm	Cocos nucifera	12	35	14	Good	Transplant	
63	Live Oak	Quercus virginiana	7.3	18	12	Good	Transplant	
64	Live Oak	Quercus virginiana	5.2	20	14	Good	Transplant	
33	Cabbage Palm	Sabal palmetto	13	25	8	Good	Transplant	
34	Cabbage Palm	Sabal palmetto	14	22	10	Good	Transplant	
35	Cabbage Palm	Sabal palmetto	10	25	10	Fair-Good	Transplant	
36	Cabbage Palm	Sabal palmetto	13.7	23	10	Good	Transplant	
59	Cabbage Palm	Sabal palmetto	8.3	20	10	Good	Transplant	

MAURICE GIBB MEMORIAL PARK





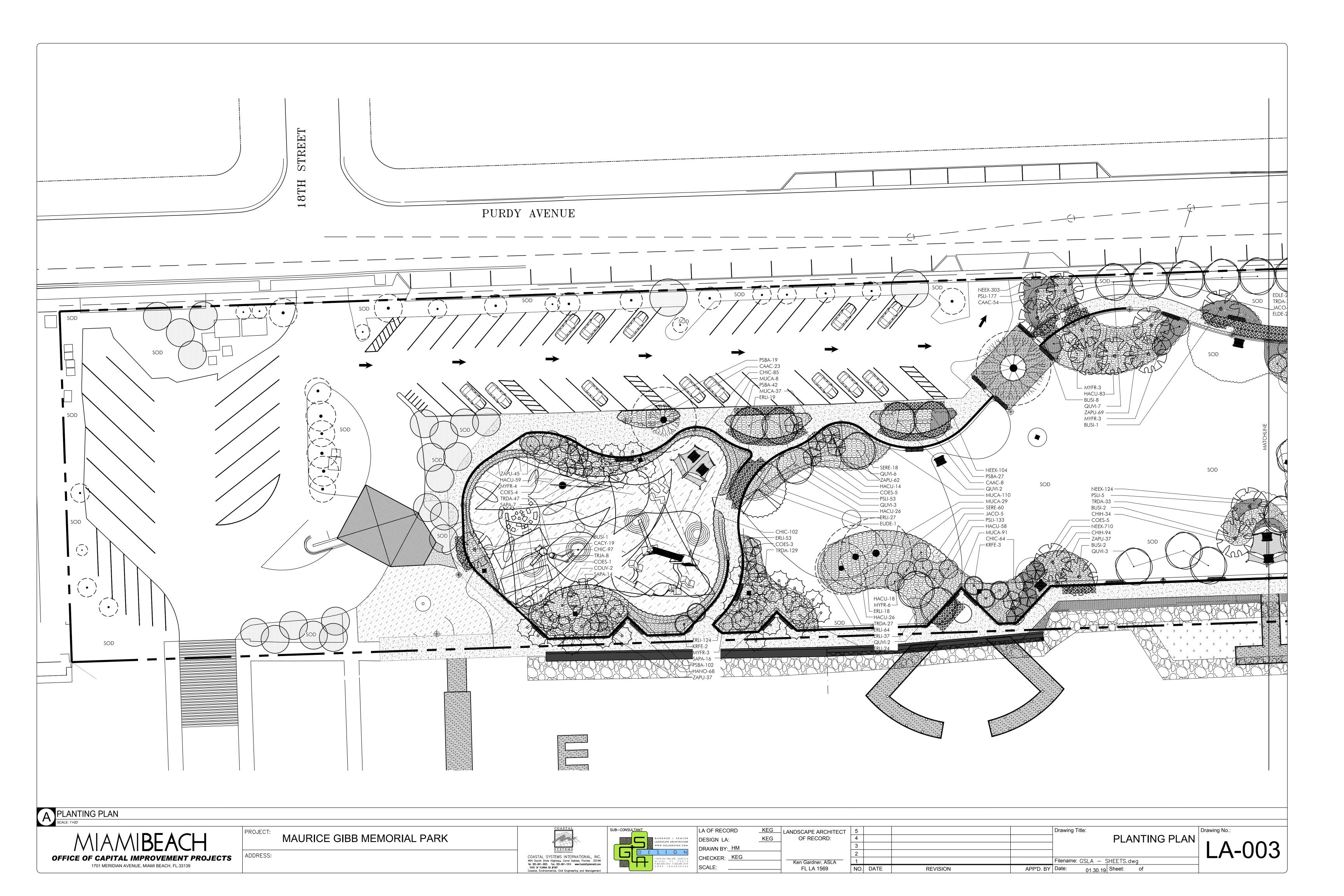
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DESIGN LA:	KEG	OF RECORD:	4
DRAWN BY: HM			3
CHECKER: KEG			2
CHECKER: NEO		Ken Gardner, ASLA	1
SCALE:		FL LA 1569	NO.

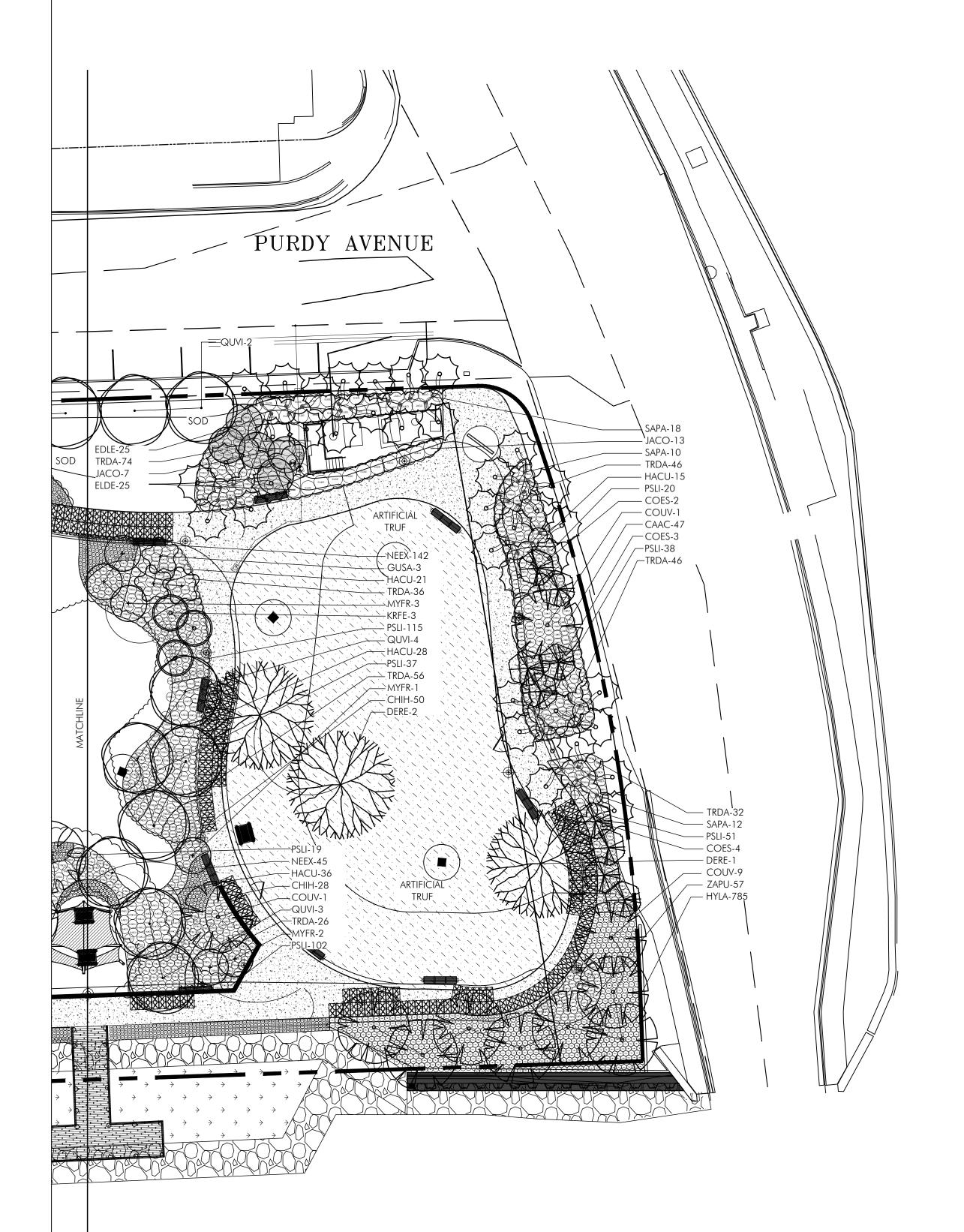
EXISTING TREE
DISPOSITION LIST

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APP'D. BY Date: 01.30.19 Sheet: of NO. DATE REVISION







	Γ L/\I	NT LIST		
TREES				
KEY	PLANT NAME	QTY.	UT.	SIZE
BUSI	Bursera simaruba Gumbo Limbo	14	ea.	14' tall x 6' spread, 3" DBH
COES	Conocarpus erectus "Sericeus"Silver Buttonwood	27	ea.	8' tall x 4' spread, 3 trunks max., lifted to tree form
COUV	Coccoloba uvifera Seagrape	12	ea.	14' tall x 6' spread, 3" DBH
DERE	Delonix regia	3	ea.	14' tall x 6' spread, 3" DBH
EUDE	Royal Poinciana Eucalyptus degulpta	1	ea.	18' tall x 8' spread, 4" DBH
KRFE	Rainbow Eucalyptus Krugiodendron ferreum	8	ea.	8' tall x 4' spread, 1 1/2" cal
GUSA	Black Ironwood Guaicum sanctum	3	ea.	8' tall x 4' spread, 1 1/2"-2"
MYFR	Lignum Vitae Myrcianthes fragrans	25	ea.	DBH 8' tall x 4' spread, 3 trunks
QUVI	Simpson's Stopper Quercus virginiana	25	ea.	max., lifted to tree form 14' tall x 6' spread, 3" DBH
	Live Oak			, ,
PALMS <b>KEY</b>	PLANT NAME	QTY.	ПТ	SIZE
SAPA	Sabal palmetto Sabal Palm	77	ea.	26 @16' tall OA; 26 @ 20' tal OA; 25 @ 24' tall OA; smooth trunk; hurricane cut, heavily leaning
SHRUB	S AND GROUNDCOVERS			
KEY	PLANT NAME	QTY.	+	SIZE
CAAC	Carpentaria acuminata Carpiteria Palm	132	ea.	,
CACY	Capparis cynophallophora Jamaican Caper	19	ea.	24" x 24", insall 36" o.c.
CHIC	Chrysobalanus icaco Cocoplum	353	ea.	24" x 24"
CHIH	Chrysobalanus icaco "Horizontalis" Horizontal Cocoplum	206	ea.	12" spread
ELDE	Elaeocarpus decipiens Japanese Blueberry	25	ea.	6' tall x 3' spread, full to groun
ERLI	Ernodea littoralis Golden Creeper	366	ea.	12" spread
HACU	Hamelia cuprea Firebush	393	ea.	24" x 24"
HANO	Hamelia nodosa Dwarf Firebush	68	ea.	18"x18"
HYLA	Hymenocallis latifoliaSpider Lily	780	ea.	18" tall x 18" spread, install 18
JACO	Jatropha integerrima "Compacta"Peregrina	25	ea.	o.c. 6' tall x 3' spread, lifted to tree form, 3 trunks max
MUCA	Muhlenberghia cappillaris	275	ea.	18" x 12"
NEEX	Muhly Grass Nephrolepis exaltata "Bostoniensis"Boston Fern	2356	ea.	8" x 8"
PSBA	Psychotria bahamensisBahamas Coffee	190	ea.	24" x 24"
PSLI	Psychotria ligustrifoliaDwarf Coffee	749	ea.	18" x 18"
SERE	Serenoa repens	78	ea.	24" x 24"
TRDA	Saw Palmetto Tripsacum dactyloides	524	ea.	30" x 24"
ZAPU	Fakahatchee Grass Zamia pumila	307	ea.	18" tall x 18" spread, install 18
, n. ·= -	Coontie			o.c.
VINES Trja	Trachelospermum jasminoides	8	ea.	3 Gallon cans, trellissed
	Confederate Jasmine			
	LLANEOUS	Т	1 -	1
sod	St. Augustine "Floratam"	as req.	s.f.	solid sod
	Planting Soil 70% Silica Sand	as req.	c.y.	
	30% Everglades Muck			

	CITY OF MIAMI BEACH		
	LANDSCAPE LEGEND		
	INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS		
	Zoning District GU Lot Area 3.40 Acres 148,376		
		REQUIRED/	
	OPEN SPACE	ALLOWED	PROVIDE
Α.	Square feet of required Open Space as indicated on site plan:		
	Lot Area = 148,376 s.f.x 20 % = 29,675 s.f.	29,675	69855
В.	Square feet of parking lot open space required as indicated on site		
	Number of parking spaces _ x 10 s.f. parking space =	390	390
C.	Total square feet of landscaped open space required: A+B=	30,065	70,245
	LAWN AREA CALCULATION		
Α.	Square feet of landscaped open space required	29,675	69,855
В.	Maximum lawn area (sod) permitted= 50 % x s.f.	74,188	26,114
	TREES		
Δ	Number of trees required per lot or net lot acre, less existing		
۸.	number of trees meeting minimum requirements = 22 trees / acre		
	(22 x 3.406 acres = 75 trees - number of existing trees (20) = 55 new	55	118
В.	% Natives required: Number of trees provided x 30% =	23	114
	% Low maintenance / drought and salt tolerant required:		
	Number of trees provided x 50%=	38	114
D.	Street Trees (maximum average spacing of 20' o.c.)		
	950 linear feet along street divided by 20'= 48 trees	48	48
E.	Street tree species allowed directly beneath power lines:		
	(maximum average spacing of 20' o.c.):	0	0
	O linear feet along street divided by 20'= 0 trees		
	<u>SHRUBS</u>		
Δ	Number of shrubs required: Sum of lot and street trees required x	1230	C 046
	% Native shrubs required: Number of shrubs provided x 50%=		6,846
υ.	70 Mative siliabs required. Mailiber of siliabs provided x 30%-	615	4,240
	LARGE SHRUBS OR SMALL TREES		
Α.	Number of large shrubs or small trees required: Number of required		
-	shrubs x 10%=	123	50
В.	% Native large shrubs or small trees required: Number of large	C1F	0
	shrubs or small trees provided x 50%=	615	0

MAURICE GIBB MEMORIAL PARK

ADDRESS:





LA OF RECORD KEG LANDSCAPE ARCHITECT 5
DESIGN LA: KEG OF RECORD: 4

DRAWN BY: HM

CHECKER: KEG

SCALE: KEG Ken Gardner, ASLA FL LA 1569 NO.

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 PLANT

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 PLANT

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 Date: 01.30.19
 Sheet: of

PLANTING PLAN

LA-004

#### LANDSCAPE SPECIFICATIONS PART 1 - GENERAL

#### A. Contractor shall provide all labor, materials, equipment, supervision, and related work necessary to complete the landscape work in accordance with the intent of the landscape plans, schedules and these specifications. The extent of work is shown on the drawings which

are a part of this document. 1.2 CONTRACTOR QUALIFICATIONS

A. Landscape installation work to be performed by a Contractor Certified by the Florida Nurserymen, Growers and Landscape Association (FNGLA) as a Certified Landscape Contractor. Any pruning to be supervised by an Arborist, certified by the International Society of Arboriculture (ISA) and licensed in Miami-Dade County.

1.3 INVESTIGATION OF UTILITIES A. Prior to beginning work, the Contractor shall be responsible to locate existing

underground utilities. Check with all utility companies and Sunshine State, call (811).

A. Only materials specified will be accepted, unless approved in writing by the Landscape 1.5 PLANT SIZES

A. All plant sizes shall equal or exceed the minimum sizes as specified in the plant list. When plant sizes are specified as a range of size, installed materials shall average the mean of the D. Watering of field-grown plants: Thoroughly puddle in water to remove any air pockets in range specified. Plants shall be measured following pruning, with branches in normal position. All necessary pruning shall be done at the time of planting.

1.6 PLANT QUALITY A. All plant material shall be equal to or better than Florida No. 1 as classified by "Grades and Standards for Nursery Plants" by the Division of Plant Industry, Florida Department of Agriculture. They shall have a growth habit that is normal for the species; healthy, vigorous, free from insects, disease and injury.

B. The Owner or Landscape Architect reserves the right to refuse any plant material which does not conform to the intent of the written specifications or design.

C. CIRCLING ROOTS FOUND ON CONTAINER-GROWN MATERIAL WILL NOT BE ACCEPTED UNLESS REMEDIAL ROOT PRUNING, APPROVED BY THE LANDSCAPE

ARCHITECT IS DONE BEFORE PLANTING. 1.7 PLANT QUANTITY A. The plant quantities shown on the plant list are to be used only as an aid to bidders. In

A. The successful bidder shall furnish to the Owner and the Landscape Architect, a unit price For large trees and shrubs, add water while backfilling hole to eliminate any air pockets in the

the case of discrepancy between the plant list and the plan, the quantity on the plan shall

breakdown for all materials. The Owner may, at his discretion, add to or delete from the materials utilizing the unit price breakdown submitted to and accepted by the Owner. A. Fertilizer: The Contractor shall submit to the Owner and Landscape Architect

at the rates specified in section 2.2 FERTILIZER. B. Planting soil: The Contractor shall submit a sample of the planting soil (approximately 1

cu. Ft.) for approval by the Landscape Architect prior to delivery to the site. 1.10 CLEAN-UP & MAINTENANCE OF TRAFFIC

A. Follow procedures in FDOT Index 600 for maintenance of traffic during construction. B. At the end of each work day, the Contractor shall remove debris and shall barricade the un-filled holes in a manner appropriate in the path of pedestrians and motorists.

C. Upon completion of the work or any major portion of the work or as directed by the Landscape Architect, all debris and surplus material from his work shall be removed from the

1.11 MAINTENANCE PRIOR TO ACCEPTANCE A. The Contractor is responsible to maintain the plantings until they are accepted under the provisions of 1.12 "ACCEPTANCE OF INSTALLATION".

job site.

1. Plants: Begin maintenance immediately following the final plant installation operation for A. Spread mulch two (2) inches thick uniformly over the entire surface of shrubs and each plant and continue until all plant installation is complete and accepted. Maintenance shall include watering all plants, weeding, mulching, pest and disease control, tightening and Provide 36" diameter had of mulch, measured from outer edge of the trunk, for all trees and repairing of guys, repair of braces, removal of dead growth, resetting of plants to proper grade or up-right position, restoration of plant saucer, litter pick-up in plant beds and other necessary operations to assure specified minimum grade of Florida No. 1.

2. Turf Areas: Begin maintenance of turf immediately following the placement of sod and

A. See the details bound herewith or made part of the plans. be limited to, watering, leveling, mowing, weed and pest control, fungus and disease control 3.8 SODDING

3. Re-setting or straightening trees and palms: The Contractor shall re-set and/or straighten trees and palms as required at no additional cost to the Owner unless caused by sustained winds of 75 mph or more. Then, the costs of the operations may be charged to the owner. Re-set trees within 48 hours.

1.12 ACCEPTANCE OF INSTALLATION A. Inspection: Inspection of the work, to determine completion of contract work, exclusive of from edge of shrub beds and 36" from trees, measured from the edge of plant or tree trunk. the possible replacement of plants and turf, will be made by the Landscape Architect at the conclusion of the maintenance period. Written notice requesting such an inspection and submitted by the Contractor at least ten (10) days prior to the anticipated date.

1.13 GUARANTEE A. Guarantee all plants for a period of one year (CCD). Guarantee shall commence from the date of written acceptance. Plant material which is on the site and scheduled to be relocated is not covered by the guarantee except in the case of Contractor's negligence or work that has been done in an unworkman-like manner. The Contractor is not responsible for loss due to acts of god, (i.e.) sustained winds of 75 mph or more, floods, frost, lightning,

1.14 REPLACEMENT A. Replacement shall be made during the guarantee period as directed by the Landscape Architect within ten (10) days from time of notification. For all replacement plant materia the guarantee period shall extend for an additional forty-five (45) days beyond the original guarantee period. The Contractor shall be responsible to provide water to the replacement plants in sufficient quantity to aid in their establishment. At the end of the guarantee period, inspection will be made by the Landscape Architect, upon written notice requesting such inspection and submitted by the Contractor at least five (5) days before the anticipated date. Replacement plants must meet the requirements of Florida No. 1 at time of inspection. Remove from the site all plants that are dead or in a state of unsatisfactory growth, as determined by the Landscape Architect. Replace these and any plants missing due to the Contractor's negligence as soon as conditions permit.

1. Materials and Operations: All replacement plants shall be of the same kind and size as indicated on the plant list. The Contractor shall supply and plant the plants as specified under planting operations.

2. Cost of Replacements: A sum sufficient to cover the estimated cost of possible replacements, including material and labor will be retained by the Owner and paid to the Contractor after all replacements have been satisfactorily made and approved by the

## PART 2 - MATERIALS

vandalism or theft.

2.1 PLANTING SOIL A. Planting soil for trees, shrubs and ground covers shall be of the composition noted on the plans, measured by volume.

B. Soil for Sodded Areas: shall be coarse lawn sand.

2.2 FERTILIZER A. Fertilizer for trees, palms, shrubs, and groundcovers shall be as follows: LESCO Palm Special 13-3-13 or equal, Sulfur coated with iron and other minor elements and maximum of 2% chlorine, or brand with equal analysis. The fertilizer shall be uniform in composition, dry and free flowing and shall be delivered to the site in the original unopened containers, bearing the manufacturer's guaranteed analysis. Fertilizer for sod and seeded areas shall be 1. Plants shall be planted sufficiently away from edges of pavements or curbs, to 8-6-8, 50% organically derived nitrogen, or equal.

A. The Contractor shall provide potable water on site, available from the start of planting The Contractor is responsible to ascertain the location and accessibility of the water source. The Contractor is responsible to provide the means of distribution (i.e. water truck, hoses, etc.) for distribution of water to the planting areas.

2.4 MULCH A. Mulch shall be shredded Melaleuca mulch (Florimulch) as manufactured by Forestry Resources, Inc., or equal.

2.5 ROOT BARRIER MATERIAL A. Root barrier material shall be 24" deep polypropolylene panels by DeepRoot or approved

#### PART 3 - INSTALLATION PROCEDURES

A. Verify location of all underground utilities and obstructions prior to excavation

#### 3.2 HERBICIDE TREATMENT

A. In all areas infected with weed and/or grass growth, a systemic herbicide, such as Roundup, shall be applied per manufacturer's rates. When it has been established where work will be done, the systemic herbicide shall be applied in accordance with manufacturer's labeling to kill all noxious growth. Contractor shall schedule his work to allow more than one application to obtain at least 95% kill of undesirable growth. If necessary, Contractor shall conduct a test to establish suitability of product and applicator to be used on this project, prior to execution of the full application.

#### 3.3 PLANT PIT EXCAVATION AND BACKFILLING A. Trees: See the Planting and Bracing Details and notes.

B. All planting holes shall be hand dug where machine dug holes may adversely affect

C. Shrubs and Groundcover: Shrubs and groundcover shall be planted in a soil bed as described in the notes and details. Space shrubs and provide setback from curb and

A. The Contractor is responsible to provide the water for all new plants and transplants and means of distribution (i.e. hand watering or water truck) during the maintenance period and extending into the period after acceptance until the full schedule as listed below is complete. Water for trees and other large field grown plants shall be supplemented by hand or water truck, in addition to the irrigation system, (if one is provided). Contractor can adjust watering schedule during heavy rain season upon approval of the Landscape Architect.

AMOUNT OF WATER PER APPLICATION For trees up to 5 inch caliper - 5 gallons From 5 to 8 inch caliper - 25 gallons 9 inch and up caliper - 50 gallons

# FREQUENCY OF WATER

Daily for the first week 3 times per week for weeks 2 - 5 2 times per week for weeks 6 - 8

time per week for weeks 9 - 12 B. Water in plants by thoroughly soaking of the entire root ball immediately after planting.

C. Water shrubs, sod and groundcover a minimum of once daily for a week or until an

irrigation system is fully operational. If no irrigation system is to be installed, the Contractor shall be responsible for watering the shrub, sod, and groundcover for the time specified documentation that all the fertilizer used for the project is of the analysis specified and placed above, after installation of each section of the planting installed.

A. Add fertilizer on top of the surface of shrubs beds and tree and palms root balls two (2)

months after installation. Fertilize sod within two (2) days after installing after planting of each

segment of the job. Fertilizer shall be applied after soil has been well moistened. Fertilizer shall be washed off of plant leaves and stems immediately after application. Apply at the

1. Trees and Large Shrubs: One (1) pound per inch of trunk diameter, spread evenly over

2. Shrubs: One half (1/2) handful per shrub, spread evenly over the root ball area.

3. Groundcover: Twelve (12) pounds per 100 sq. ft. of bed grea.

4. Sod: Twelve (12) pounds per 1,000 sq. ft. Wash fertilizer off blades immediately after

3.6 MULCHING groundcover beds, depth measured after settling, unless otherwise specified in the plans.

palms planted in sod areas. Keep mulch away from contact with the trunk. Create a 6" high ring of mulch at the outer edge of tree and palm holes. 3.7 GUYING AND BRACING

and other necessary operations as determined by the Landscape Architect and good nursery

A. Provide a blanket of lawn sand as described in the notes in these plans. Prior to planting remove stones, sticks, etc. from the sub-soil surface. Excavate existing non-conforming soil as required so that the finish arade of sod is flush with adjacent payement or top of curb as well as adjacent sod in the case of sod patching.

> B. Place sod on moistened soil, with edges tightly butted, in staggered rows at right angles to slopes. The sod shall be rolled with a 500 pound hand roller immediately after placing.

C. Keep edge of sod bed a minimum of 18" away from groundcover beds and 24" away

D. Sod shall be watered immediately after installation to uniformly wet the soil to at least two inches below the bottom of sod strips.

E. Apply fertilizer to the sod as specified in Section 3.5.

F. Excavate and remove excess soil so top of sod is flush w/top of curb or adjacent pavement, or adjacent existing sod.

## PLANT BED PREPARATION NOTES

1. In all areas where new sod and shrub and groundcover masses are to be planted, kill all existing weeds by treating with Round-up prior to beginning soil preparation. 2. In all shrub and groundcover beds, prepare soil as described for either condition,

If any compacted road base or asphalt or rocky soil is encountered, remove

compacted material entirely to allow an 18" depth of planting soil. Backfill the entire area of the shrub and groundcover beds with 18" planting soil (as specified in Plans) to within 2 inches of the adjacent pavement or top of curb. Remove all debris and rocks and pebbles larger than 2 inches in size and level the grade before planting.

Where no compacted soil is encountered, thoroughly mix 6 inches of planting soil into the existing soil to a depth of 18 inches. If required, excavate and remove the existing soil to lower the grade, so that the prepared mix is finished to a minimum of 2 inches below top of curb or adjacent walkway. Remove all debris and rocks and pebbles larger than 2 inches in size and level the grade before planting.

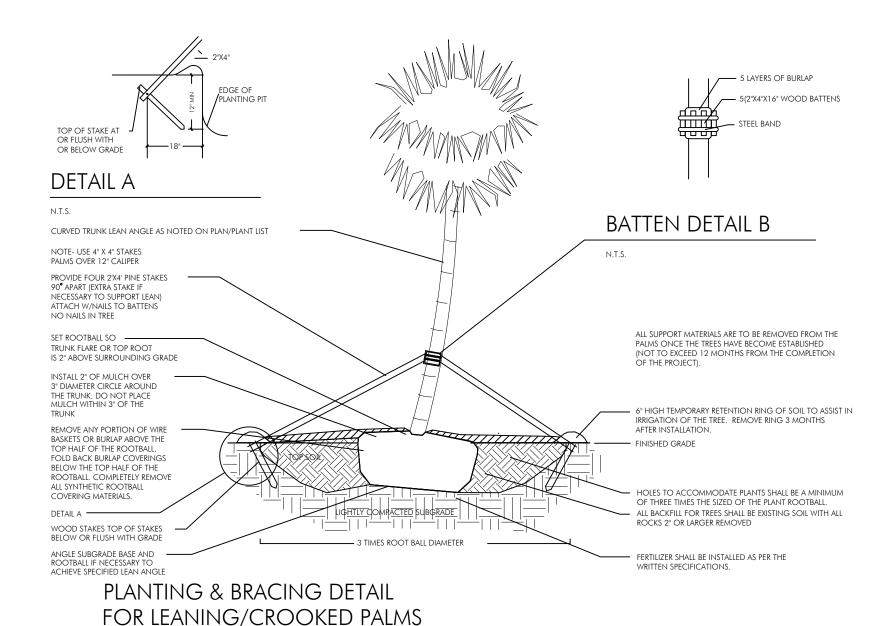
For all sod areas, spread a 2" deep layer of lawn sand prior to sodding. Remove all debris and rocks and pebbles larger than 2 inchs in size and level the grade before sodding. Remove, if required, existing soil so that top of sod is flush with and adjacent top of curb or pavement.

For Trees and shrubs larger than 7 gallon, Add Diehard" transplant innoculant supplied by Horticultural Alliance, Inc. (800-628-6373) or equal. Mix into top 8-10 inches of planting hole, making sure it is contact with the root ball. Add at a rate specified by manufacturer (typically 4oz. per 1 inches of trunk caliper or 7 gallon

SPACING OF PLANTS (SEE PLANT SPACING DETAIL)

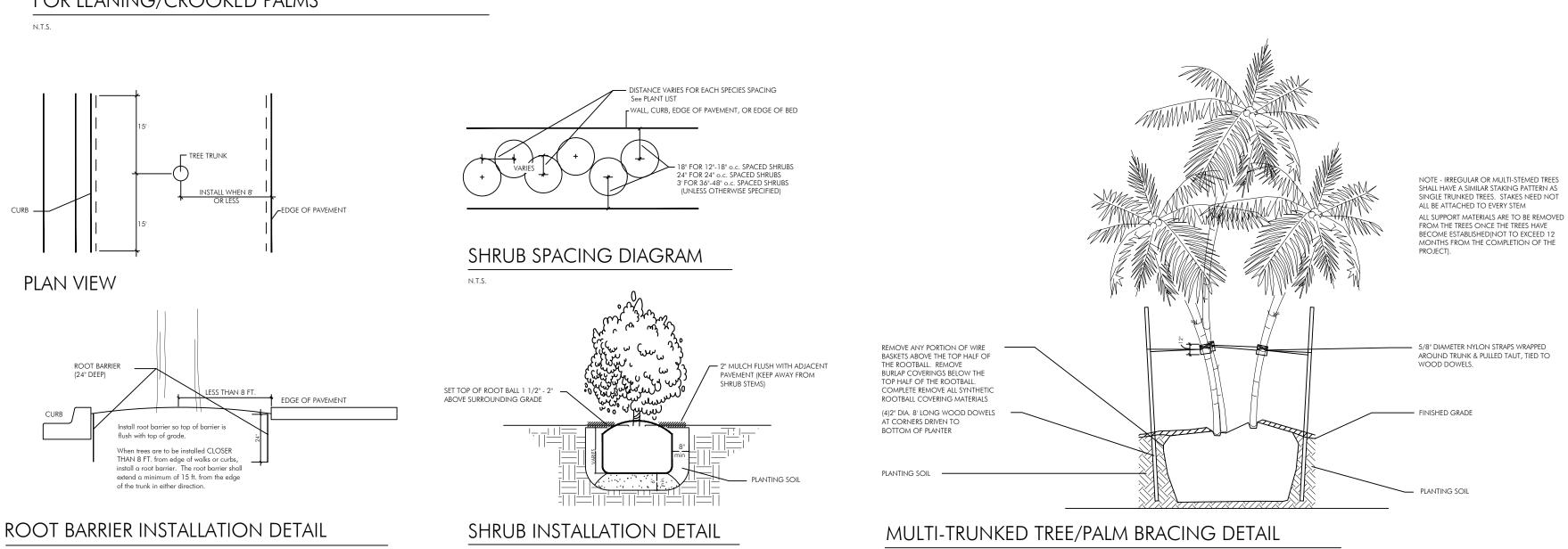
allow for growth toward the edges of the bed. PROTECTION OF PLANTS

1. The Contractor shall be responsible to protect existing trees and shrubs in and adjacent to the area of work. Erect barriers as necessary to keep equipment and materials, any toxic material, away from the canopy drip line of trees and shrubs. DO NOT PILE SOIL OR DEBRIS AGAINST TREE TRUNKS OR DEPOSIT NOXIOUS BUILDING SUPPLIES OR CHEMICALS WITHIN THE DRIP LINE.



Inspection riseAccess point for monitoring of soil moisture. Root barrieDirects roots down into the Silva Cell system. Prevents roots from accessing the pavement section. Concrete curbrovides a stabilized edge around the tree opening. Keeps aggregate base course from migrating into the tree opening and potentially undermining the pavement. Aggregate base cours Eypical of pavement sections, but with specific aggregate gradation to work well with the Silva Cell deck. Air spaceBeneficial to plant material, this small air space allows oxygen flow below the pavement surfaces. Géótéxtile Attached with Zip Ties, keeps aggregate from migrating down through Cell deck. Provides stronger interface between Silva Cell system and adjacent materials. Geogrid: Provides vertical separation between planting soil and backfill while allowing for root penetration into adjacent soils. Spike: Keeps Cells in place during construction and maintains typical spacing. Aggregate sub bas&pecific aggregate gradation to provide a stable base for the Silva Cell system. Geotextile Provides separation between existing material and aggregate sub base.

# SILVA CELL2 INSTALLATION DETAIL



N.T.S.

BELOW THE TOP HALF OF THE

WOOD STAKES TOP OF STAKES

BELOW OR FLUSH WITH GRADE

ALL SYNTHETIC ROOTBALL

COVERING MATERIALS.

#### NOTE - IRREGULAR OR MULTI-STEMED TREES SHALL HAVE A SIMILAR STAKING PATTERN AS SINGLE TRUNKED TREES. STAKES NEED NOT ALL BE ATTACHED TO EVERY STEM ALL SUPPORT MATERIALS ARE TO BE REMOVED FROM THE TREES ONCE THE TREES HAVE BECOME ESTABLISHED/NOT TO EXCEED 12 ONTHS FROM THE COMPLETION OF THE SET ROOTBALL SO -TRUNK FLARE OR TOP ROOT IS 2" ABOVE SURROUNDING GRADE INSTALL 2" OF MULCH OVER -3" DIAMETER CIRCLE AROUND THE TRUNK. DO NOT PLACE REMOVE ANY PORTION OF WIRE -BASKETS ABOVE THE TOP HALF OF THE ROOTBALL. REMOVE AROUND TRUNK & PULLED TAUT, TIED TO BURLAP COVERINGS BELOW THE TOP HALF OF THE ROOTBALL. 6" HIGH TEMPORARY RETENTION RING OF SOIL TO ASSIST IN IRRIGATION OF THE TREE. REMOVE RING 3 MONTHS AFTER INSTALLATION. COMPLETE REMOVE ALL SYNTHETI (2)2" DIA. 8' LONG WOOD DOWELS 4 FINISHED GRADE 20°APART DRIVEN THROUGH BOTTOM OF PLANTING PIT HOLES TO ACCOMMODATE PLANTS SHA BE A MINIMUM OF THREE TIMES THE SIZED OF ALL BACKFILL FOR TREES SHALL BE AS EXISTING SOIL WITH ALL ROCKS 2" OR LARGER REMOVED 3 TIMES ROOT BALL DIAMETER

5 LAYERS OF BURLAP — 5(2"X4"X16" WOOD BATTENS DETAIL A BATTEN DETAIL B NOTE- USE 4" X 4" STAKES TREES & PALMS OVER 12" CALIPER NOTE - IRREGULAR OR MULTI-STEMED TREES PROVIDE THREE 2'X4' PINE STAKES SHALL HAVE A SIMILAR STAKING PATTERN AS SINGLE TRUNKED TREES. STAKES NEED NOT ALL BE ATTACH W/NAILS TO BATTENS ATTACHED TO EVERY STEM. NO NAILS IN TREE ALL SUPPORT MATERIALS ARE TO BE REMOVED FROM THE TREES ONCE THE TREES HAVE BECOME ESTABLISHED TRUNK FLARE OR TOP ROOT (NOT TO EXCEED 12 MONTHS FROM THE COMPLETION OF THE PROJECT). INSTALL 2" OF MULCH OVER B" DIAMETER CIRCLE AROUNE THE TRUNK, DO NOT PLACE MULCH WITHIN 3" OF THE 6" HIGH TEMPORARY RETENTION RING OF SOIL TO ASSIST IN IRRIGATION OF THE TREE. REMOVE RING 3 MONTHS AFTER INSTALLATION. REMOVE ANY PORTION OF WIRE BASKETS OR BURLAP ABOVE THE FINISHED GRADE TOP HALF OF THE ROOTBALL FOLD BACK BURLAP COVERIN

> PLANTING & BRACING DETAIL OVER 3 1/2" CALIPER

— 3 TIMES ROOT BALL DIAMETER

PLANTING & BRACING DETAIL UNDER 3 1/2" CALIPER

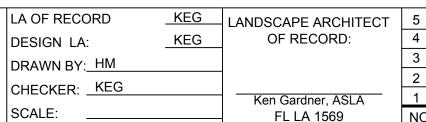
B. Install per details in the plans. MIAMIBEACH ADDRESS: OFFICE OF CAPITAL IMPROVEMENT PROJECTS 1701 MERIDIAN AVENUE, MIAMI BEACH, FL.33139

MAURICE GIBB MEMORIAL PARK

N.T.S.







LANDSCAPE SPECIFICATIONS & DETAILS Filename: GSLA - SHEETS.dwg APP'D. BY Date: 01.30.19 Sheet: of NO. DATE **REVISION** 

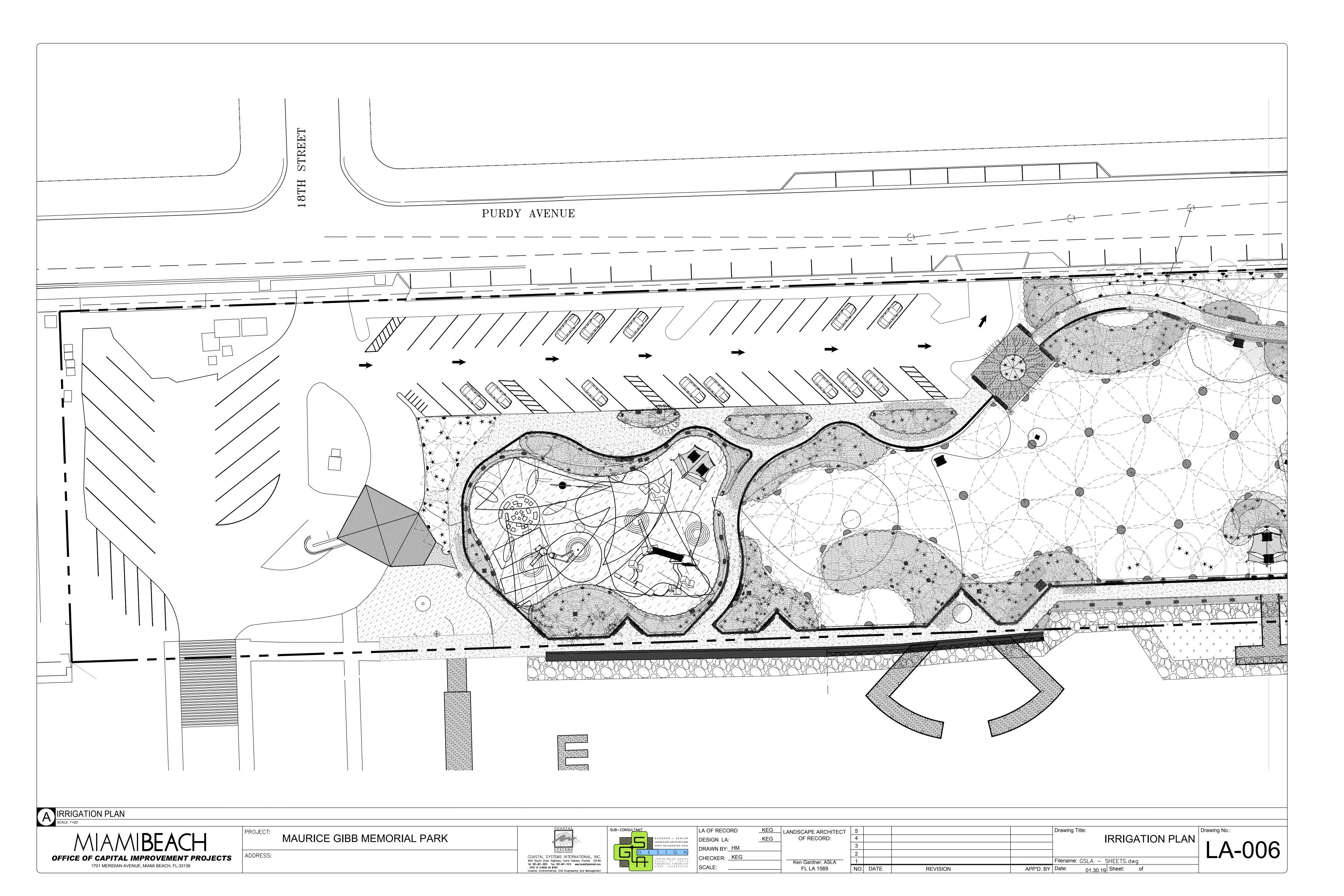
HOLES TO ACCOMMODATE PLANTS SHALL BE A MINIMUM

ALL BACKFILL FOR TREES SHALL BE EXISTING SOIL WITH ALL

OF THREE TIMES THE SIZED OF THE PLANT ROOTBALL.

ROCKS 2" OR LARGER REMOVED

FERTILIZER SHALL BE INSTALLED AS PER THE





MIAMBEACH

OFFICE OF CAPITAL IMPROVEMENT PROJECTS

1701 MERIDIAN AVENUE, MIAMI BEACH, FL.33139

MAURICE GIBB MEMORIAL PARK

ADDRESS:





OF RECORD	KEG	LANDSCAPE A	
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RAWN BY: HM			
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		Ken Gardne	
CALE.			

REVISION

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APP'D. BY Date: 01.30.19 Sheet: of

GENERAL NOTES:

1. SCOPE OF WORK: The Contractor shall furnish all labor, machinery, tools, supplies, and equipment as necessary to construct and provide an operating system, as indicated in the Plans. The work shall include, but not be limited to, furnishing materials (pipe, valves, sprinkler heads, fittings, controllers, electrical, wire and fittings, primer, glue, etc.), layout, protection to the public, excavation, assembly, installation, backfilling, compaction, repair of road or pavement surfaces, controller and low voltage feed to the valves, clean-up, maintenance and guarantee, and as-built

2. Contractor shall coordinate with General Contractor or other pertinent Contractors on the job to insure that sleeves are provided and installed under hard surfaces to allow access to all areas to be irrigated. All sleeves shall be constructed of Schedule 40 PVC. Bury all sleeves a minimum of 24" below the surface. Sleeve to be 2 times the size if the pipe running through it. Sleeve shall extend 24" past the edge of pavement into the area to be irrigated.

3. GUARANTEE: The irrigation system shall be guaranteed for a minimum of one calendar year from the time of final acceptance.

4. REPAIR UTILITIES: The Contractor shall be responsible to verify the location of all utilities by hand excavation or other appropriate measures before performing any work that may result in damage to utilities structures, or property. The Contractor shall take immediate steps to repair, replace, or restore all services to any utilities which are disrupted due to his operations. All costs involved in disruption of service and repairs due to negligence on part of the Contractor shall be his responsibility.

5. AS-BUILT DRAWINGS: Prints of the plans will be supplied to the Contractor for recording "as-built" information. Immediately upon installation of any work which deviates from what is shown on the Plans, the Contractor shall clearly indicate such changes in red pencil on the prints. Such changes shall include, but not be limited to, changes in (1) materials; (2) sizes of material; (3) location; and (4) quantities.

6. The entire installation shall fully comply with all applicable local and state codes and ordinances. The Contractor shall take out all required plumbing and electrical applications and permits, arrange for all necessary inspections and shall pay all fees and expenses in connection with same as part of work under the contract.

7. UNIT PRICES: The successful bidder shall furnish, to the Owner, a unit price breakdown for all materials. The Owner may at his own discretion, add to or delete from the materials, using the unit price breakdown submitted to and accepted by the Owner.

8. MAINTENANCE PERIOD: The irrigation system shall be maintained for a period of 90 days after final acceptance of installation. Maintenance shall include checking of the system 2 times per week. Contractor shall be responsible to replace/repair any broken or malfunctioning parts of the system including those damaged by accidents or vandalism. Repairs shall be made immediately at the time of inspection or when notified by the Landscape Architect.

9. The irrigation system shall provide 100% coverage with a minimum of 90% overlap of water spray.

10. The system is design to provide sprinkler precipitation rates that are nearly equal in each zone. Mixing of sprinklers with widely varying precipitation rates in a zone will not be accepted.

11. All pipe shall be made of Schedule 40 PVC, except flexible PVC (or Toro funny pipe) for flexible swing joint and Schedule 80 galvanized steel pipe for all above ground fittings. Pipe locations shall be adjusted in the field. When laying out mains and laterals, locate pipe near edges of pavement or against buildings wherever possible, to allow space for plant rootballs. Coordinate pipe locations with plantings. Bury all mains 18" below surface and laterals 12". Depth shall be measured to top of pipe.

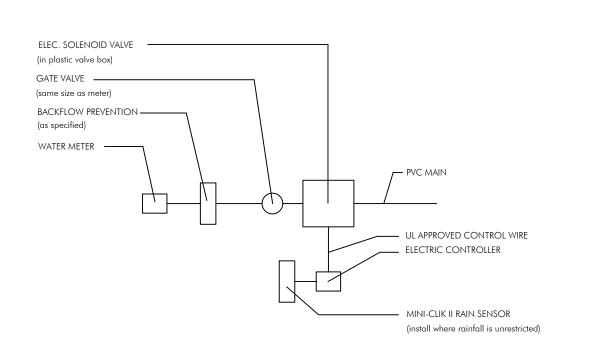
12. Keep pop-up sprinkler heads a minimum of 8" from edges of pavement and curbing, and heads on risers a minimum of 18", or as indicated in the pans.

13. All heads located in shrub or groundcover beds shall be installed on a riser as per details in the plans. All other heads shall be installed on a swing joint as per details in the plans.

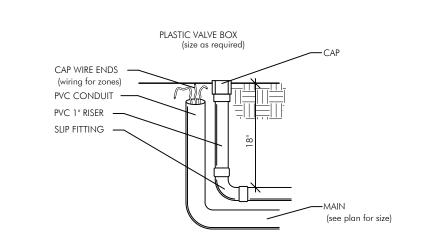
14. Place irrigation control wire in conduit in the same trench as mains and under the main. ASI wire shall be #14 or larger solid copper U.L. approved underground direct burial cable and shall be continuous with no splices from controller to solenoid valve.

15. Valve locations are schematic and shall be adjusted in the field. Each valve shall be in a separate valve box (10" x 16") min.). When grouping valve boxes in grass or groundcover areas, set boxes a minimum of 12" apart to allow grass or groundcover to grow between them. When possible, hide valve boxes in shrub beds, a minimum of 12" from edge of beds. Set all valve boxes, concrete or plastic, in ground with cover flush with finish grade, and level, with a minimum of 6" of pea gravel at the bottom of the box, with at least 2" of clearance from the bottom of the valve to the top of the gravel.

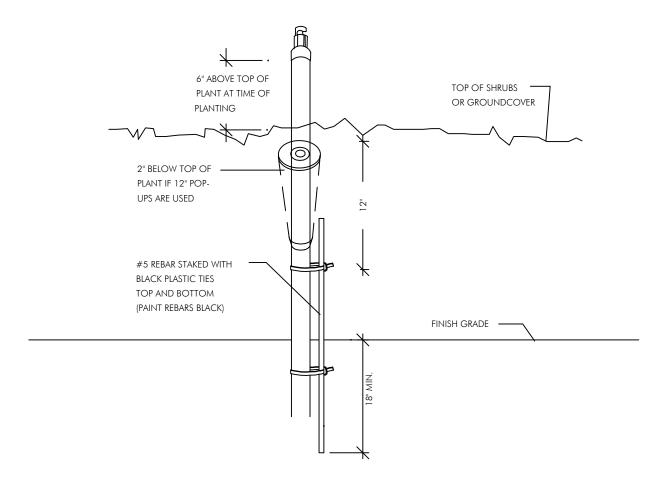
16. TESTING: Notify the Landscape Architect in writing when testing will be conducted. Conduct test in the presence of the Landscape Architect. After all PVC assembly is completed the lines shall be flushed to insure that no rocks, sand, or other foreign debris remains in the lines. The mains shall be filled with water and all outlets shall be capped and plugged. The main shall be pressurized to 100 PSI for a minimum of one hour. No section of the main will be approved if the pressure drops more than 5 PSI at the end of the one hour period. Leaks shall be repaired immediately and the system shall be re-tested until found satisfactory by the Landscape Architect.



CONNECTION TO METER DETAIL

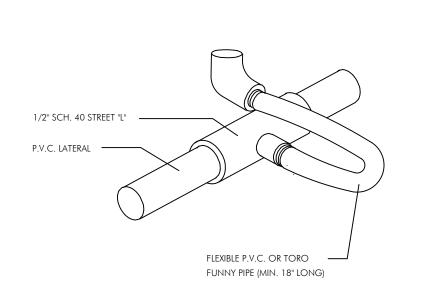


## DETAIL OF STUB-OUT FOR FUTURE USE



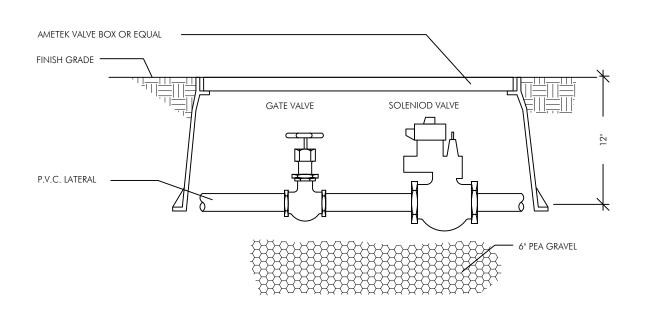
## SPRINKLER ON RISER DETAIL FOR SHRUB AREAS

N.T.S.



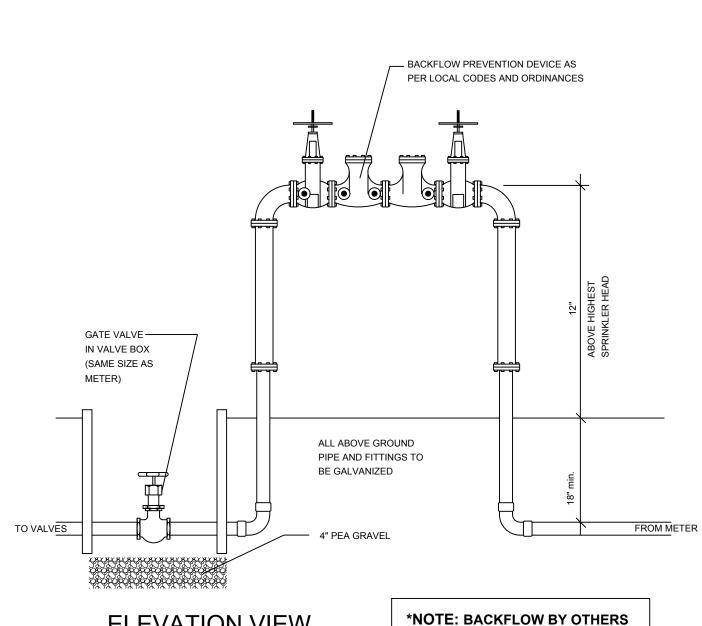
# FLEXIBLE SWING JOINT DETAIL

N.T.S.



# TYPICAL SOLENOID VALVE ASSEMBLY

N.T.S.



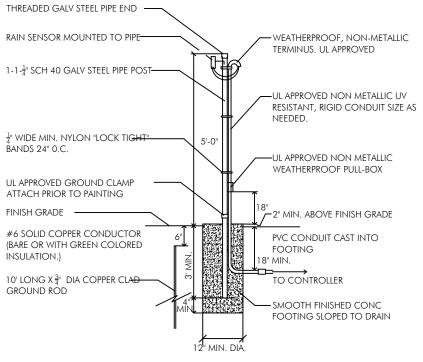
# **IRRIGATION SYSTEM ONLY**

CONTRACTOR TO SUBMIT SHOP

NO. DATE

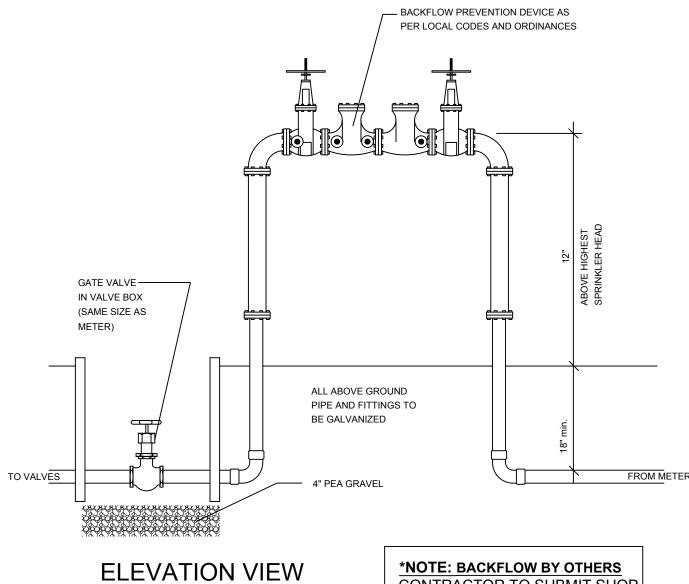
DRAWING FOR APPROVAL.





#### RAIN SENSOR DETAIL

N.T.S.



# 2" RPZ BACKFLOW PREVENTION ASSEMBLY DETAIL

N.T.S.

IRRIGATION MATERIALS LIST

PVC laterals & mains shall be schedule

40 PVC (sized as shown on plans)

40 PVC (sized 2 sizes larger than the

Flexible PVC or Polypipe (for swing

RAINBIRD \_\_\_\_ Series Controller

RAINBIRD 200-PESB 2" Electromechanical

RAINBIRD Spray Heads 1800 @ 30 PSI

12" pop-up on risers in shrub beds

(2.78 gpm) (1.85 gpm)

(1.23 gpm)

(.92 gpm)

(1.73 gpm)

(1.58 gpm)

(1.18 gpm)

(.79 gpm)

(.41 gpm)

(.33 gpm)

(.20 gpm) (.13 gpm)

(.10 gpm)

RAINBIRD 1300A-F Adjustable Flood Bubbler

(2.35 gpm)

(1.0 gpm)

5000/Series MPR-30 (Green) Heads @ 45 PSI

(5.78 gpm) (2.96 gpm) (1.85 gpm)

(1.40 gpm)

RAINBIRD Rotary Spray Heads 20' radius

1300A-F (1.5 gpm)

17-24 Series @ 30 PSI

4," pop-up in grass areas

 $\frac{1}{7}$ -24-TQ (1.80 gpm)

(locate in area of free rainfall)

PVC sleeves shall be Schedule

pipe running through it)

ITEM

joints)

MM

2" WATER METER

Electric Controller

MINI-Clik II Rain Sensor

Solenoid Control Valve

Irrigation Control Wire

Series w/MPR nozzles

**←** → 15-TQ

9-sst

10-F

10-TQ

10-H

10-Q

5-F

5-TQ

5-H

5-Q

√17-24-F

x 1∖7-24-T

> 30' RADIUS

**1**√24-Q (.60 gpm)

6" pop-up in grass areas

QTY.

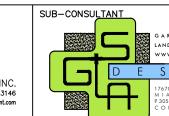
as required

MIAMIBEACH OFFICE OF CAPITAL IMPROVEMENT PROJECTS 1701 MERIDIAN AVENUE, MIAMI BEACH, FL.33139

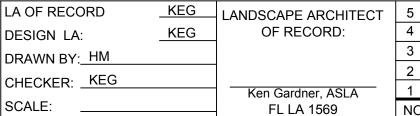
ADDRESS:

MAURICE GIBB MEMORIAL PARK









**IRRIGATION MATERIALS** LIST, NOTES & DETAILS Filename: GSLA - SHEETS.dwg APP'D. BY Date: 01.30.19 Sheet: of **REVISION**