

EXISTING TREE LEGEND

- SIZE (DBH)
- ① EXISTING TREE TO REMAIN
- ② EXISTING TREE TO BE REMOVED
- ③ EXISTING TREE REQUIRING MITIGATION
- ④ LIVE OAK (QUERCUS VIRGINIANA)
- ⑤ SLASH PINE (PINUS ELLIOTTII)
- ⑥ CABBAGE PALM (SABAL PALMETTO)
- ⑦ TREE PROTECTION BARRIER

*LIMITS OF TREE BARRIER SHOWN ON PLAN ARE SCHEMATIC. ACTUAL DIMENSIONS MAY VARY BASED ON CANOPY SIZE. EXISTING NATIVE VEGETATION THAT MAY NOT BE SHOWN ON PLANS CONTAINING SMALLER NATIVE TREES AND PLANTS SHALL BE PROTECTED PER THE DETAIL.

PRESERVED TREE CREDITS

QTY	SIZE (DBH)	BOTANICAL NAME	COMMON NAME	CREDITS PER TREE	TOTAL CREDITS
4	2-6"	QUERCUS VIRGINIANA	LIVE OAK	4	16
1	7-12"	QUERCUS VIRGINIANA	LIVE OAK	2	2
34	7-12"	PINUS ELLIOTTII	SLASH PINE	2	68
4	13-18"	PINUS ELLIOTTII	SLASH PINE	12	48
TOTAL PRESERVED CREDITS:					86

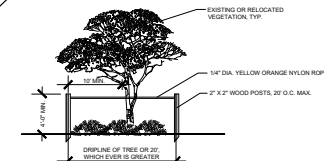
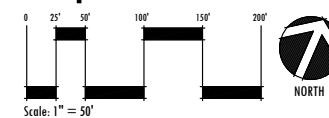
REMOVED TREE CREDITS

QTY	SIZE (DBH)	BOTANICAL NAME	COMMON NAME	REPLACEMENT CREDITS/TREE	TOTAL CREDITS
1	4-6"	QUERCUS VIRGINIANA	LIVE OAK	2	2
14	7-12"	QUERCUS VIRGINIANA	LIVE OAK	3	42
7	7-12"	PINUS ELLIOTTII	SLASH PINE	3	21
1	13-18"	PINUS ELLIOTTII	SLASH PINE	4	4
TOTAL REPLACEMENT TREES:					69

44 LIVE OAKS (8-10" TALL, 2" CAL.)
25 SLASH PINE (8-10" TALL, 2" CAL.)
69 TOTAL REPLACEMENT TREES

*REFER TO LANDSCAPE PLANS FOR LOCATIONS OF PROPOSED MITIGATION TREES.

Existing Tree Disposition Plan



FENCING OF UNDISTURBED AREAS AND/OR EXISTING TREES

PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL ENCLOSE THE ENTIRE UNDISTURBED AREA OR TREE WITHIN A FENCE OR SIMILAR BARRIERS AS SHOWN. THE PLACEMENT OF SUCH BARRIERS OR FENCE SHALL BE LOCATED NO CLOSER THAN THE DRIP LINE OF THE PRESERVED OR RELOCATED TREE OR A MIN. OF 1' FROM TRUNK WHICHEVER IS GREATER. WOODEN (OR EQUIVALENT) POSTS AT LEAST 2 x 2 INCHES SHALL BE IMPLANTED IN THE GROUND DEEP ENOUGH TO BE STABLE AND WITH AT LEAST 4 FEET VISIBLE ABOVE THE GROUND. THE PROTECTIVE POSTS SHALL BE PLACED NOT MORE THAN 20 FEET APART, AND SHALL BE UNIED TOGETHER BY 1/2\"/>

CONSTRUCTION WITHIN CANOPY & TREE BARRICADE SHALL BE DONE WITH EXTREME CARE TO MINIMIZE DISTURBANCE TO THE ROOTS BY EXCAVATING, COMPACTING OR ADDING FILL.

UTILITY WORK (TRENCHING) WITHIN THE CANOPY & TREE BARRICADE SHALL BE DONE WITH EXTREME CARE TO MINIMIZE DISTURBANCE TO THE ROOTS BY EXCAVATING, COMPACTING OR ADDING FILL. THE TREE BARRICADE WILL BE MODIFIED TEMPORARILY TO ALLOW ONLY THE MINIMUM WORK ZONE TO PASS INTO THE CANOPY AREA. CONTINUING TO PROTECT THE REST OF THE CANOPY AREA WITH BARRICADE. NO FILL, EVEN TEMPORARY, SHALL BE PLACED IN ANY PROTECTED ZONE. AT THE CONCLUSION OF SAID ACTIVITY, THE WORKZONE SHALL BE CLEANED UP & TREE BARRICADES REPLACED TO THEIR ORIGINAL CONDITION.

TREE PROTECTION DETAIL

N.T.S.



**Litterick
Landscape
Architecture**

2740 SW Martin Downs Blvd. #199
Palm City, FL 34990
561-719-3876
litterickla1877@yahoo.com

Project Name

PHASE 3 Banyan Bay P.U.D. Martin County, Florida

Landscape Architect of Record



Jason M. Litterick, RLA
(13000007)

Scale: 1" = 50'-0"

Designed: JML
Drawn: JML
Approved: JML
Date: 8/10/21
Job No.:
Revisions: 2/4/22
5/19/22

Sheet No.

LP-1

**MANAGED LAND
ENTITLEMENTS**

3710 BUCKEYS STREET, SUITE 100, PALM BEACH GARDENS, FL 33410 • P 561.568.8045



Litterick
Landscape
Architecture

2740 SW Martin Downs Blvd. #199
Palm City, FL 34990
561-719-3876
litterickla1977@yahoo.com

Project Name

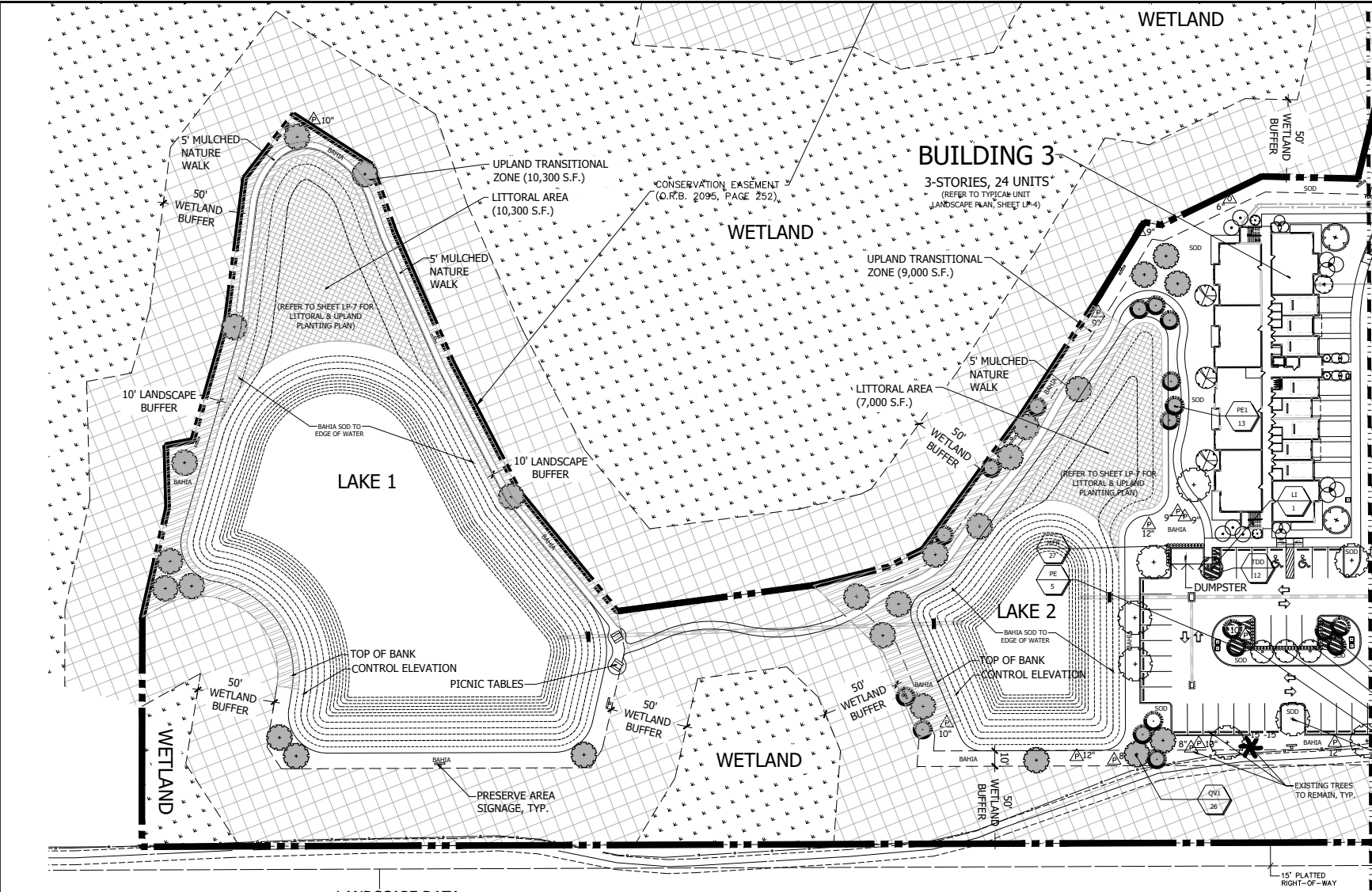
PHASE 3
Banyan Bay P.U.D.
Martin County, Florida



Scale: 1" = 30'-0"

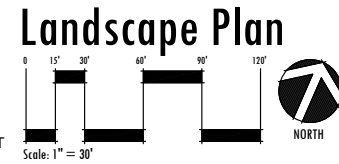
Designed: JHL
Drawn: JHL
Approved: JHL
Date: 8/19/21
Job No.:
Revisions: 2/4/22
5/19/22

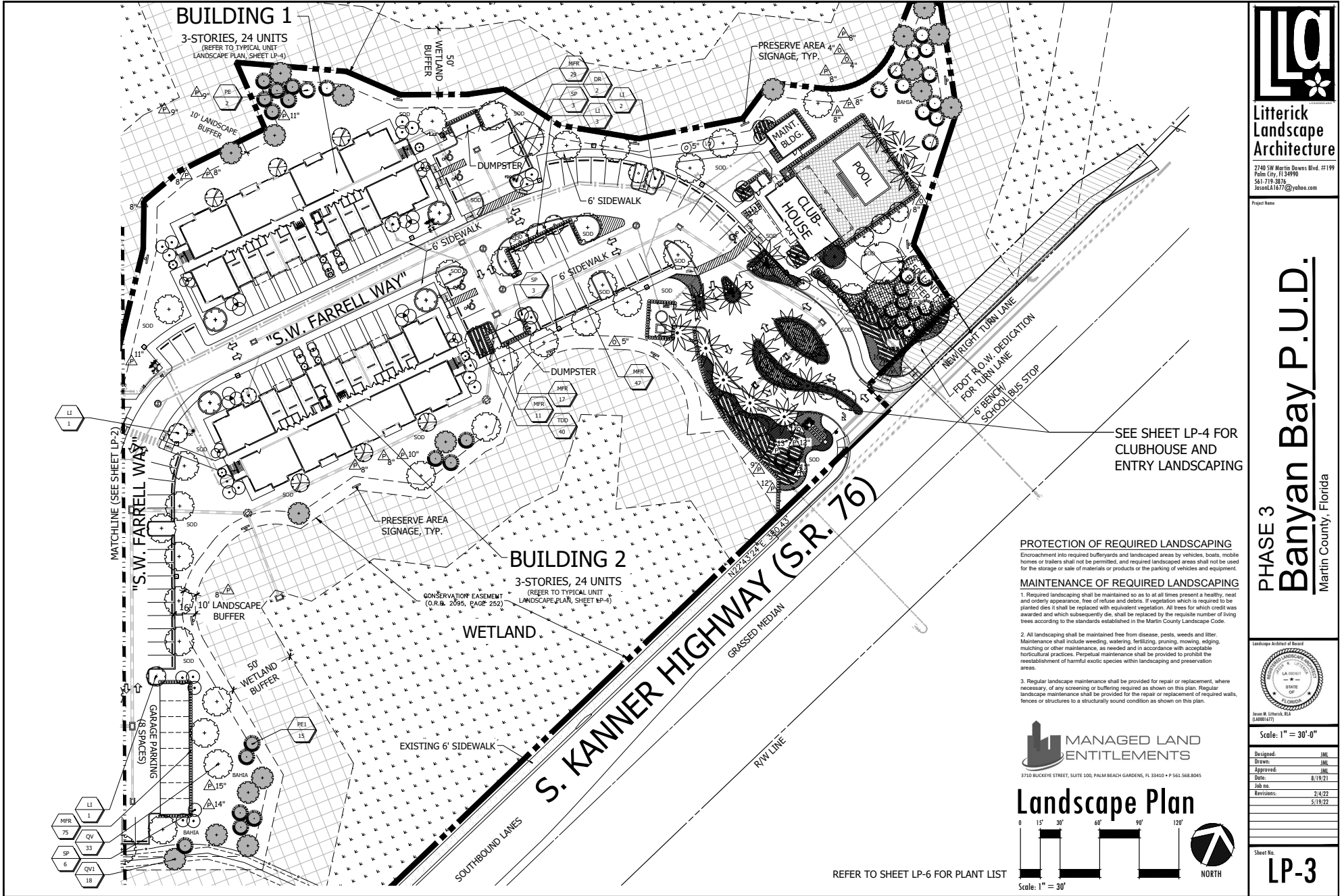
Sheet No.
LP-2



SITE DATA:		LANDSCAPE DATA:		TYPE 5 BUFFERYARD (ALONG S.R. 76)	
NET SITE AREA:	521,481.5 S.F. (11.97 ACRES)	# OF TREES REQUIRED:	234 TREES (1 TREE/1,500 S.F. OF DEVELOPMENT AREA)	LENGTH OF BUFFER:	229.46 L.F.
PRESERVE AREA:	*170,756.02 S.F. (3.92 ACRES)	# OF TREES PROVIDED:	236 TREES (INCL. 84 - EXISTING/PRESERVED TREE CREDITS)	WIDTH OF BUFFER:	50' WIDE
TOTAL DEVELOPMENT AREA:	350,725.48 S.F. (8.05 ACRES)	MAX. # OF PALMS ALLOWED:	70 PALMS (30%)	AREA OF BUFFER:	7,495 S.F. (NOT INCLUDING VEHICLE ACCESS)
TOTAL LANDSCAPE AREA:	131,734.47 S.F. (25.3% (MIN. 20% REQ'D.))	# OF PALMS PROVIDED:	70 PALMS (30%)	TREES REQUIRED:	25 TREES (1 TREE PER 300 S.F. OF BUFFERYARD)
*INCLUDES WETLANDS AND WETLAND BUFFERS.		MIN. # OF SHADE TREES REQ'D.:	164 TREES (70%)	TREES PROVIDED:	25 TREES
		SHADE TREES PROVIDED:	199 TREES (85%)	SHRUBS REQUIRED:	250 SHRUBS (10 SHRUBS PER 300 S.F. OF BUFFERYARD)
		VEHICULAR USE AREA:	65,629.57 S.F. (INCLUDES DRIVEWAYS)	SHRUBS PROVIDED:	300 SHRUBS
		INTERIOR LANDSCAPE AREA REQ'D.:	6,562.96 S.F. (500 S.F. PER 5,000 S.F. OF VEH. USE AREA)	% OF NATIVE TREES REQUIRED:	75%
		INTERIOR LANDSCAPE AREA PROVIDED:	11,282.82 S.F.	% OF NATIVE TREES PROVIDED:	80% (NOT INCLUDING MITIGATION TREES)
		INTERIOR TREES REQUIRED:	42 TREES (3 - 2" DBH TREES PER 500 S.F. OF REQ'D. INT. LAND. AREA)	% OF NATIVE SHRUBS REQUIRED:	75%
		INTERIOR TREES PROVIDED:	42 TREES	% OF NATIVE SHRUBS PROVIDED:	87%
		PERIMETER TREES REQUIRED:	27 (1/30' OF PERIMETER OF VEH. USE AREA - 794 L.F.)	% OF NATIVE GROUNDCOVERS REQUIRED:	50%
		PERIMETER TREES PROVIDED:	27 TREES	% OF NATIVE GROUNDCOVERS PROVIDED:	60%

REFER TO SHEET LP-6 FOR PLANT LIST





Litterick Landscape Architecture

2740 SW Martin Downs Blvd. #199
Palm City, FL 34990
561-719-3876
litterickla1877@yahoo.com

Project Name

PHASE 3
Banyan Bay P.U.D.
Martin County, Florida

Landscape Architect of Record



Jason M. Litterick, RLA
(00000187)

Scale: 1" = 30'-0"

Designed:	JML
Drawn:	JML
Approved:	JML
Date:	8/19/21
Job No.	
Revisions:	2/4/22
	5/19/22

Sheet No.

LP-3



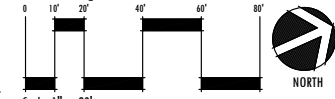
2740 SW Martin Downs Blvd. #199
Palm City, FL 34990
561-719-3876
JasonLA1677@yahoo.com

PHASE 3
Banyan Bay P.U.D.
Martin County, Florida

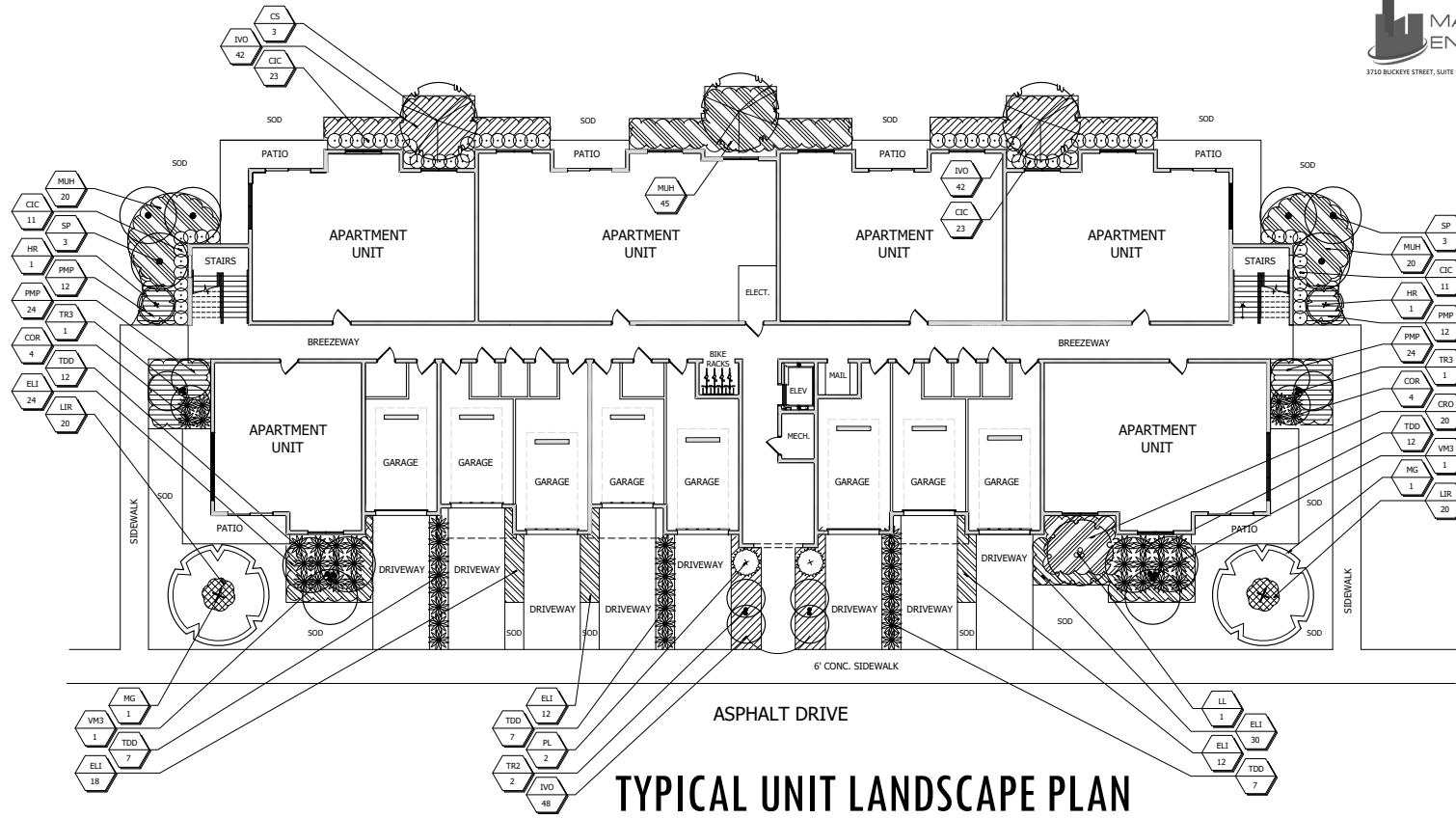


Designed:	JML
Drawn:	JML
Approved:	JML
Date:	8/19/21
Job no.	
Revisions:	2/4/22
	5/19/22

LP-4



REFER TO SHEET LP-6 FOR PLANT LIST



TYPICAL UNIT LANDSCAPE PLAN

TYPICAL 3 BUILDINGS

SCALE: 1" = 10'

TYPICAL UNIT PLANT LIST (3 BUILDINGS)

QUANTITIES ARE FOR EACH BUILDING

TREES

SYM	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT	SPR.	NOTES
VM3	2	VEITCHIA MONTGOMERYANA	MONTGOMERY PALM (TRIPLE)	18-20' O.A.	N/A	FULL & THICK, TRIPLE TRUNK
HR	2	HIBISCUS ROSA-SINENSIS	PINK HIBISCUS STD.	6-7' O.A. STD.	3-4'	FULL & THICK, SINGLE TRUNK STD.
*V	MG	MAGNOLIA GRANDIFLORA 'D.D. BLANCHARD'	SOUTHERN MAGNOLIA	16' O.A.	7' SPD.	FULL & THICK TO GROUND, SPECIMEN
*V	CD	COCOLoba DIVERSIFOLIA	PIGEON PLUM	12' O.A.	5' SPD.	FULL & THICK, SINGLE TRUNK
*V	TR2	THRINAX RADIATA	FL. THATCH PALM (DOUBLE)	8-10' O.A.	N/A	FULL & THICK, DOUBLE TRUNK
*V	TR3	THRINAX RADIATA	FL. THATCH PALM (TRIPLE)	8-10' O.A.	N/A	FULL & THICK, TRIPLE TRUNK
*V	SP	SABAL PALMETTO	CABBAGE PALM (SLICK)	20-25' C.T.	N/A	HURRICANE OUT, CURVED CHARACTER TRUNKS, STAGGER HEIGHTS
M	PL	POLYALTHIA LONGIFOLIA	MAST TREE	14' O.A.	4-5'	FULL & THICK, SPECIMEN, MATCHED

SHRUBS & GROUNDCOVERS

SYM	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	NOTES
*V	TDD	TRIPSAcium FLORIDANA	FLORIDA GAMA GRASS	#3, 18" O.A.	30-36" O.C.	FULL & THICK
*V	MUH	TRIPMULHENSBERGIA CAPILLARIS	MUHLBY GRASS	#3, 18" O.A.	30" O.C.	FULL & THICK
M	CRO	CODIAEUM VARIEGATUM 'MAMMEY'	MAMMEY CROTON	#7, 24" O.A.	30" O.C.	FULL & THICK
M	PMP	PODOCARPUS MACROPHYLLUS 'PRINGLES'	DWF. PODOCARPUS	#3, 14" O.A.	18-24" O.C.	FULL & THICK
*V	CIC	CHRYSOBALANUS ICACO	RED-TIP COCOPLUM	#3, 24" O.A.	24" O.C.	FULL & THICK
*V	IVO	ILEX VOMITORIA	DWF. YAUPOH HOLLY	#3, 14" O.A.	24" O.C.	FULL & THICK
M	ELI	ERIODEA LITTORALIS	BEACH CREEPER	#3, 10" SPD.	18-24" O.C.	FULL & THICK
M	LIR	LIRIOPE MUSCARI	GREEN LIRIOPE	#3, 14" O.A.	18" O.C.	FULL & THICK

* ASTERISK DENOTES NATIVE PLANT MATERIAL

V INDICATES VERY DROUGHT TOLERANT PLANT MATERIAL

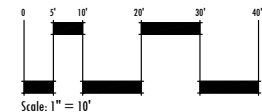
M INDICATES MODERATELY DROUGHT TOLERANT PLANT MATERIAL

SOD: ST. AUGUSTINE FLORITAM

MULCH: 3" SHREDDED MELALEUCA MULCH (OR APPROVED RECYCLED MULCH) TO BE APPLIED TO ALL PLANTING BEDS.

IRRIGATION NOTE:

ALL NEW LANDSCAPE AREAS SHALL BE RECEIVE 100% OVERLAP COVERAGE FROM A FULLY AUTOMATIC IRRIGATION SYSTEM EQUIPPED WITH A RAIN SENSOR.



Landscape Architect of Record



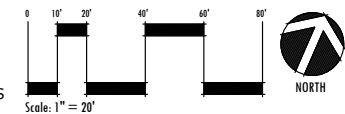
Jason M. Litterick, RLA
(40888-077)

Scale: 1" = 10'-0"

Designed: JML
Drawn: JML
Approved: JML
Date: 8/19/21
Job No.
Revisions: 2/4/22

Sheet No.

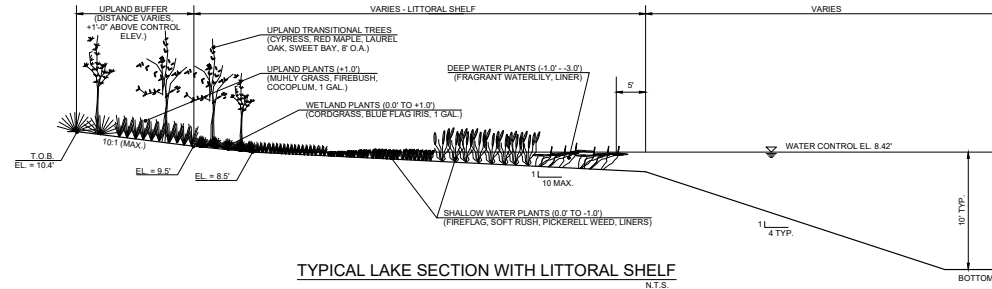
LP-5



LP-7

LITTORAL & UPLAND TRANSITIONAL ZONE REQUIREMENTS:

LAKE 1	
LAKE PERIMETER:	1,029 L.F.
LITTORAL AREA REQ'D.:	10,290 S.F. (10 S.F. PER L.F. OF LAKE PERIMETER)
LITTORAL AREA PROVIDED:	10,300 S.F.
UPLAND BUFFER REQ'D:	10,290 S.F. (10 S.F. PER L.F. OF LAKE PERIMETER)
UPLAND BUFFER PROVIDED:	10,300 S.F.
LAKE 2	
LAKE PERIMETER:	693 L.F.
LITTORAL AREA REQ'D.:	6,930 S.F. (10 S.F. PER L.F. OF LAKE PERIMETER)
LITTORAL AREA PROVIDED:	7,000 S.F.
UPLAND BUFFER REQ'D:	6,930 S.F. (10 S.F. PER L.F. OF LAKE PERIMETER)
UPLAND BUFFER PROVIDED:	9,000 S.F.



LITTORAL & UPLAND TRANSITIONAL ZONE PLANT LIST

MID TO DEEP WATER PLANTS (-1.0' TO -3.0')					
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
* NOD	75	NYMPHAEA ODOORATA	FRAGRANT WATERLILY	LINER	48"
SHALLOW WATER PLANTS (0.0' TO -1.0')					
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
* TGE	155	THALIA GENICULATA	FIRE FLAG	LINER, 24" O.A.	24"
* PCO	1020	PONTERGERIA COBDATA	PICKERELL WEED	LINER, 18" O.A.	24"
* JEF	540	JUNCUS EFFUSUS	SOFT RUSH	LINER, 12" O.A.	24"
WETLAND PLANTS (+1.0' TO 0.0')					
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
* V	SBA	SPARTINA BAKERI	SAND CORDGRASS	#1, 18" O.A.	36"
* IWI	565	IRIS VIRGINICA	BLUE FLAG IRIS	#1, 18" O.A.	36"
UPLAND PLANTS (+1.0')					
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
* V	MUH	MUHLENBERGIA CAPILLARIS	MUHLY GRASS	#1, 12" O.A.	36"
* V	CIC	CHRYSOBALANUS ICACO	COCOPLUM	#1, 18" O.A.	36"
* V	HFA	HAMELIA PATENS	FIREBUSH	#1, 18" O.A.	36"
UPLAND TREES (+0.0')					
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
* V	TD	TAXODIUM DISTICHUM	BALD CYPRESS	8" O.A.	FULL & THICK
* V	AR	ACER RUBRUM	RED MAPLE	8" O.A.	FULL & THICK
* V	WV	MAIGNOLIA VIRGINIANA	SWEET BAY	8" O.A.	FULL & THICK
* V	QL	QUERCUS LAURIFOLIA	LAUREL OAK	8" O.A.	FULL & THICK

* ASTERISK DENOTES NATIVE PLANT MATERIAL
 V INDICATES VERY DROUGHT TOLERANT PLANT MATERIAL
 M INDICATES MODERATELY DROUGHT TOLERANT PLANT MATERIAL

MULCH: 6" LAYER FLOUDED NATIVE PINESTRAW TO BE APPLIED TO ALL UPLAND PLANTING BEDS.
 IRRIGATION: TEMPORARY IRRIGATION SHALL BE PROVIDED FOR ALL UPLAND PLANTINGS AND SHALL BE REMOVED FROM THE AREA WITHIN A YEAR OF INSTALLATION.

PERFORMANCE STATEMENT

It shall be unlawful to alter the approved slopes, contours, or cross sections or to chemically, mechanically, or manually remove, damage, or destroy any plants on the littoral or upland transition zone buffer areas of constructed lakes except upon written approval of the Planning & Development Services Director, as applicable. It is the responsibility of the owner or property owners association, its successors or assigns to maintain the required survivorship and coverage of the reclaimed upland and planted littoral and upland transition areas and to ensure ongoing removal of prohibited and invasive non-native plant species from these areas.



**Litterick
Landscape
Architecture**

2740 SW Martin Downs Blvd. #199
 Palm City, FL 34990
 561-719-3876
 lsc@lla1877.com

Project Name

PHASE 3
Banyan Bay P.U.D.
 Martin County, Florida

Landscape Architect of Record



Jason M. Litterick, RLA
 LA0000477

Scale: Not to Scale

Designed:	JML
Drawn:	JML
Approved:	JML
Date:	2/4/22
Job No.	
Revisions:	

Sheet No.
LP-8