

**MIHALY**  
LAND DESIGN  
PLANNING + LANDSCAPE ARCHITECTURE  
330 MILITARY CUTOFF RD., Suite A3  
Wilmington, NC 28405 910.392.4355



Revisions

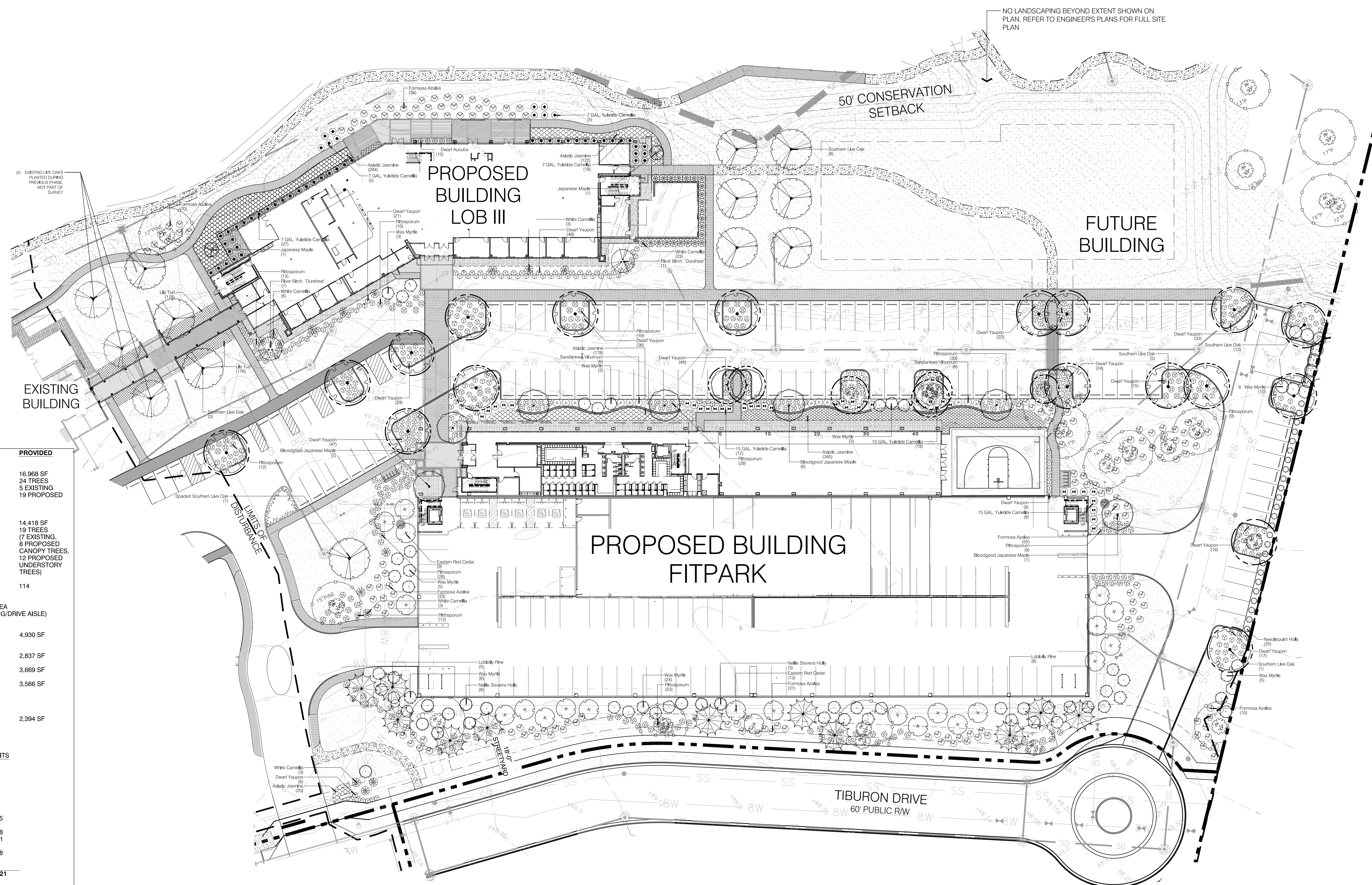
**CLIENT**  
**LIVE OAK BANK**  
1741 TIBURON DRIVE  
WILMINGTON, NC

**PROJECT**  
**LIVE OAK BANK**  
BUILDING 3 AND FITPARK  
TIBURON DRIVE  
LANDSCAPE PLANS

Date: 11/27/2017  
Phase: CD  
Job Number: 560-07  
Designed by: MLD  
Drawn by: ALM  
Checked by: JWM

Sheet Title:  
**PLANTING PLAN - OVERALL**

Sheet Number:  
**L1.0**  
of 1 sheets



**SYMBOL LEGEND**

	5 MAC	EXISTING TREE TO REMAIN WITH TREE PROTECTION FENCING
		TREE COUNTED TOWARD PARKING LOT SHADE REQUIREMENTS

**LANDSCAPE REQUIREMENTS**

	REQUIRED	PROVIDED
<b>PARKING LOT INTERIOR CANOPY COVERAGE</b> 42,567 SF (20%)	8,513 SF/707 SF 12 TREES	16,968 SF 24 TREES 5 EXISTING 19 PROPOSED
<b>STREET YARD PLANTING TIBURON DRIVE*</b> (571 LF x 18) TREES REQUIRED	10,278 SF 17 (1/ 600 SF)	14,418 SF 19 TREES (7 EXISTING, 8 PROPOSED CANOPY TREES, 12 PROPOSED UNDERSTORY TREES)
SHRUBS REQUIRED	102 (6/ 600 SF)	114
<b>FOUNDATION PLANTING</b>	12% FACADE AREA (ADJ. TO PARKING/DRIVE AISLE)	
<b>FITPARK</b>		
NORTH SIDE (160LF x 45' x .12) + (220 x 33' x .12)	1,735 SF	4,930 SF
EAST SIDE (138 x 33' x .12)	546 SF	2,837 SF
SOUTH SIDE (409 x 33' x .12)	1,619 SF	3,669 SF
WEST SIDE (50 x 45' x .12) + (77 x 33' x .12)	575 SF	3,566 SF
<b>LOB III</b>		
SOUTH SIDE (222 LF x 60.75' x .12)	1,618 SF	2,394 SF

**PRESERVED TREES ONSITE**

QUANTITY	SIZE	COMMON NAME	CREDITS
1	4"	MAGNOLIA	1
1	5"	MAGNOLIA	2
1	8"	PINE	2
3	8"	OAK	6
2	9"	OAK	4
4	10"	OAK	8
1	12"	MAPLE	3
1	12"	PINE	3
5	13"	PINE	15
1	13"	OAK	3
6	14"	PINE	18
7	15"	PINE	21
3	16"	PINE	9
6	17"	PINE	18
1	18"	PINE	4
1	24"	PINE	4
<b>TOTAL CREDITS FOR PRESERVED TREES :</b>			<b>121</b>

**TREE MITIGATION REQUIREMENTS**

QUANTITY	SIZE	COMMON NAME	% MITIGATION
1	12"	PINE	50
2	13"	PINE	50
1	15"	PINE	50
1	16"	PINE	50
1	17"	PINE	50
3	18"	PINE	50
<b>140"</b>			

QUANTITY	SIZE	COMMON NAME	% MITIGATION
2	8"	OAK	100
1	10"	OAK	100
1	11"	OAK	100
2	12"	OAK	100
1	15"	OAK	100
1	18"	OAK	100
<b>94"</b>			
<b>TOTAL =</b>	<b>234"/3 = 78 TREES</b>		

TOTAL CREDITS FOR PRESERVED TREES : 121  
PRESERVED TREE CREDITS FULFILLING MITIGATION REQUIREMENT: 78

**REQUIRED:** 12.94 ACRES DISTURBED x 15 TREES = 194 TREES REQUIRED  
**PROVIDED:** 121 TREE CREDITS (EXISTING RETAINED TREES)  
3 EXISTING LIVE OAKS NOT SHOWN ON SURVEY  
84 TREES PROPOSED - REFER TO PLANTING LEGEND  
**TOTAL:** 208 TREES PROVIDED

**PLANT\_SCHEDULE\_OVERALL**

TREES	BOTANICAL NAME / COMMON NAME	CONT	CAL	RANGE	QTY
	Acer p. 'Bloodgood' / Bloodgood Japanese Maple	B & B	3" CAL	8-10' HT	9
	Acer palmatum / Japanese Maple Green Leaf Japanese Maple	15 gal	2" CAL	6-8' HT	2
	Betula nigra / River Birch 'Duraheat'	B & B	3" CAL	10-12' HT	2
	Ilex v. 'Nellee R Stevens' / Nellee Stevens Holly	B & B		8-10' HT	11
	Juniperus virginiana / Eastern Red Cedar	B & B		8-10' HT	22
	Pinus taeda / Loblolly Pine	--		8-10' HT	11
	Quercus virginiana / Southern Live Oak	B & B	4" CAL	10-12' HT	17

SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE	RANGE	QTY
	Azalea indica / Formosa Azalea	7 gal		175
	Camellia s. 'Hana Jiman' / White Camellia	--	6' HT	38
	Camellia s. 'Yuletide' / 7 GAL Yuletide Camellia	7 gal	3-4' HT	55
	Camellia sasanqua 'Yuletide' / 15 GAL Yuletide Camellia	15 gal		39
	Ilex cornuta 'Needlepoint' / Needlepoint Holly	7 gal	3-4' HT	25
	Ilex v. 'Nana' / Dwarf Yaupon	7 gal	18-24" HT	367
	Myrica cerifera / 8" Wax Myrtle	--	8' HT	10

GROUND COVERS	BOTANICAL NAME / COMMON NAME	SIZE	RANGE	SPACING	QTY
	Lilippe m. 'Big Blue' / Lily Turf	1 quart	6-12" HT	18" o.c.	425
	Trachelospermum a. 'Asiatic' / Asiatic Jasmine	1 qt	6-12" HT	24" o.c.	964

SOD/SEED	BOTANICAL NAME / COMMON NAME	SIZE	RANGE	SPACING	QTY
	Zoysia japonica 'Emerald' / Emerald Zoysia	sod			

