



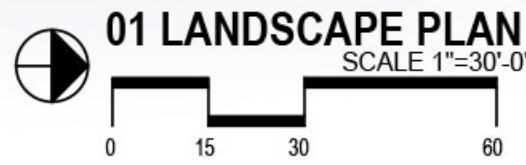
PLANT MATERIAL SCHEDULE					
TREES					
TYPE	QTY	COMMON NAME	BOTANICAL NAME	SIZE	REMARKS
CE	10	Cedar Elm	Ulmus crassifolia	4" cal.	B&B, 13' ht., 5' spread min., 5' clear trunk container, 14' ht., 6' spread, 5' clear straight trunk
LO	4	Live Oak	Quercus virginiana	4" cal.	
SHRUBS					
TYPE	QTY	COMMON NAME	BOTANICAL NAME	SIZE	REMARKS
LOR	61	Loropetalum 'Ruby'	Loropetalum chinensis 'Ruby'	7 gal.	container grown, 30" spread
IH	37	Indian Hawthorn 'Clara'	Rhaphiolepis indica 'Clara'	3 gal.	
MIS	61	Adagio Maiden Grass	Miscanthus sinensis 'Adagio'	3 gal.	container full, well rooted
NP	46	Needle Palm	Rhapidophyllum hystrix	5 gal.	
NPH	134	Needlepoint Holly	Ilex cornuta 'Needlepoint'	5 gal.	container grown, 24" ht., 20" spread
GROUNDCOVERS					
TYPE	QTY	COMMON NAME	BOTANICAL NAME	SIZE	REMARKS
LIR	250	Liriope	Liriope muscari	4" pots	container full, well rooted
SC	200	Seasonal Color	Eunonymus fortunei 'Coloratus'	4" pots	
WC	230	Purple Wintercreeper	Cynodon dactylon '419'	4" pots	selection by owner, 12" o.c. container, 3- 12" runners min., 12" o.c. Solid Sod refer to notes
NOTE: Plant list is an aid to bidders only. Contractor shall verify all quantities on plan. All heights and spreads are minimums. All plant material shall meet or exceed remarks as indicated. All trees to have straight trunks and be matching within varieties.					

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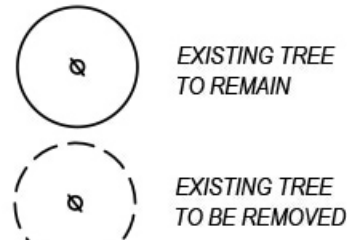
MAC ARTHUR BOULEVARD
TREE SURVEY FIELD DATA

NO.	DIA. INCHES	SPECIES (COMMON NAME)	REMARKS	EXEMPTIONS
1	5.5	LIVE OAK	TO BE REMOVED	NOT PROTECTED
2	6	LIVE OAK	TO REMAIN	
3	7	LIVE OAK	TO REMAIN	NOT PROTECTED
4	7	LIVE OAK	TO REMAIN	
5	7	LIVE OAK	TO REMAIN	
6	7	LIVE OAK	TO REMAIN	
7	5	LIVE OAK	TO REMAIN	
8	4	LIVE OAK	TO BE REMOVED	
9	14	LIVE OAK	TO REMAIN	
10	12	LIVE OAK	TO REMAIN	
11	10	LIVE OAK	TO REMAIN	
12	12	LIVE OAK	TO REMAIN	
13	8	LIVE OAK	TO REMAIN	
14	10	LIVE OAK	TO REMAIN	
15	12	LIVE OAK	TO REMAIN	
16	12	LIVE OAK	TO REMAIN	

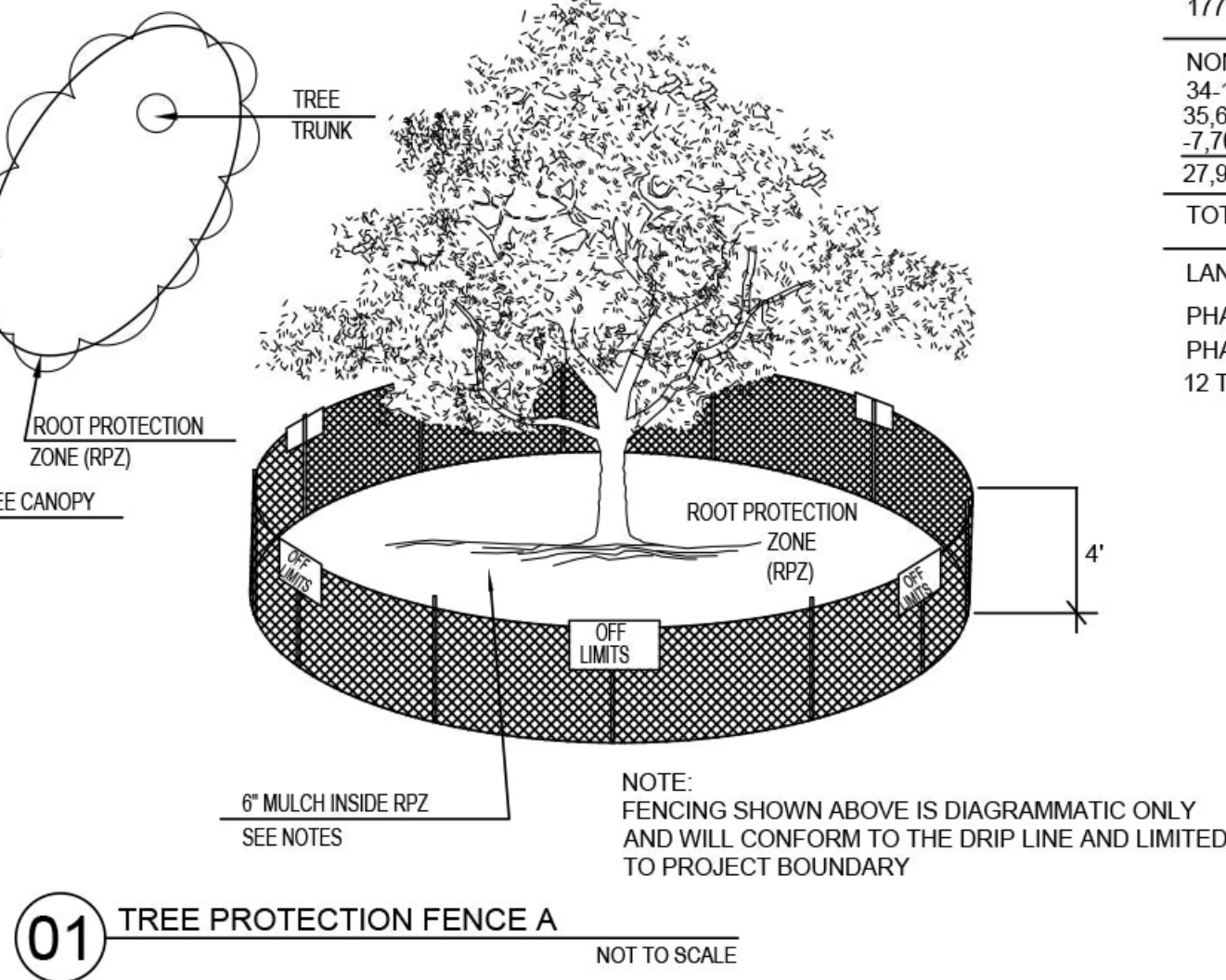
NO PROTECTED TREES TO BE REMOVED



EXISTING TREE LEGEND



TREE PROTECTION FENCING TO REMAIN DURING CONSTRUCTION REFER TO 01/L.100



GENERAL LAWN NOTES

- FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS INDICATED ON CIVIL PLANS.
- ADJUST CONTOURS TO ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PROVIDE UNIFORM ROUNDING AT TOP AND BOTTOM OF SLOPES AND OTHER BREAKS IN GRADE. CORRECT IRREGULARITIES AND AREAS WHERE WATER MAY STAND.
- ALL LAWN AREAS TO RECEIVE SOLID SOD SHALL BE LEFT IN A MAXIMUM OF 1" BELOW FINAL FINISH GRADE. CONTRACTOR TO COORDINATE OPERATIONS WITH ON-SITE CONSTRUCTION MANAGER.
- IMPORTED TOPSOIL SHALL BE NATURAL, FRIABLE SOIL FROM THE REGION, KNOWN AS BOTTOM AND SOIL, FREE FROM LUMPS, CLAY, TOXIC SUBSTANCES, ROOTS, DEBRIS, VEGETATION, STONES, CONTAINING NO SALT AND BLACK TO BROWN IN COLOR.
- ALL LAWN AREAS TO BE FINE GRADED. IRRIGATION TRENCHES COMPLETELY SETTLED, AND FINISH GRADE APPROVED BY THE OWNER'S CONSTRUCTION MANAGER OR ARCHITECT PRIOR TO INSTALLATION.
- ALL ROCKS 3/4" DIAMETER AND LARGER, DIRT CLOUDS, STICKS, CONCRETE SPOILS, ETC. SHALL BE REMOVED PRIOR TO PLACING TOPSOIL AND ANY LAWN INSTALLATION.
- CONTRACTOR SHALL PROVIDE (1") ONE INCH OF IMPORTED TOPSOIL ON ALL AREAS TO RECEIVE LAWN.

SOLID SOD NOTES

- FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS INDICATED. LEAVE AREAS TO RECEIVE TOPSOIL 3" BELOW FINAL DESIRED GRADE IN PLANTING AREAS AND 1" BELOW FINAL GRADE IN TURF AREAS.
- ADJUST CONTOURS TO ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PROVIDE UNIFORM ROUNDING AT TOP AND BOTTOM OF SLOPES AND OTHER BREAKS IN GRADE. CORRECT IRREGULARITIES AND AREAS WHERE WATER MAY STAND.
- ALL LAWN AREAS TO RECEIVE SOLID SOD SHALL BE LEFT IN A MAXIMUM OF 1" BELOW FINAL FINISH GRADE. CONTRACTOR TO COORDINATE OPERATIONS WITH ON-SITE CONSTRUCTION MANAGER.
- CONTRACTOR TO COORDINATE WITH ON-SITE CONSTRUCTION MANAGER FOR AVAILABILITY OF EXISTING TOPSOIL.
- PLANT SOD BY HAND TO COVER INDICATED AREA COMPLETELY. INSURE EDGES OF SOD ARE TOUCHING. TOP DRESS JOINTS BY HAND WITH TOPSOIL TO FILL VOIDS.
- ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE, FREE FROM UNNATURAL UNDULATIONS.
- WATER SOD THOROUGHLY AS SOD OPERATION PROGRESSES.
- CONTRACTOR SHALL MAINTAIN ALL LAWN AREAS UNTIL FINAL ACCEPTANCE. THIS SHALL INCLUDE, BUT NOT LIMITED TO: MOWING, WATERING, WEEDING, CULTIVATING, CLEANING AND REPLACING DEAD OR BARE AREAS TO KEEP PLANTS IN A VIGOROUS, HEALTHY CONDITION.
- CONTRACTOR SHALL GUARANTEE ESTABLISHMENT OF AN ACCEPTABLE TURF AREA AND SHALL PROVIDE REPLACEMENT FROM LOCAL SUPPLY IF NECESSARY.
- IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MARCH 1, ALL SOD AREAS TO BE OVER-SEED WITH WINTER RYE GRASS, AT A RATE OF (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.

LANDSCAPE NOTES

- CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED SITE ELEMENTS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES. SURVEY DATA OF EXISTING CONDITIONS WAS SUPPLIED BY OTHERS.
- CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES AND NOTIFY ARCHITECT OF ANY CONFLICTS. CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF UNDERGROUND UTILITIES.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED LANDSCAPE AND IRRIGATION PERMITS.
- CONTRACTOR TO PROVIDE A MINIMUM 2% SLOPE AWAY FROM ALL STRUCTURES.
- ALL PLANTING BEDS AND LAWN AREAS TO BE SEPARATED BY STEEL EDGINGS. NO STEEL TO BE INSTALLED ADJACENT TO SIDEWALKS OR CURBS.
- ALL LANDSCAPE AREAS TO BE 100% IRRIGATED WITH AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM AND SHALL INCLUDE RAIN AND FREEZE SENSORS.
- ALL LAWN AREAS TO BE SOLID SOD BERMUDAGRASS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

PHASE I (McDONALDS) LANDSCAPE DATA

	LANDSCAPE AREA REQUIRED	TREES REQUIRED
INTERIOR VEHICULAR (W/ Mc DONALD EXP.) 34-1-8(B) 17,132.76 S.F.	10%=1,713.27 S.F.	1,713.27 SF / 400 = 5 TREES
PERIMETER VEHICULAR 34-1-8(C) 197.75 L.F. @ 15' = 2966.25 S.F. 200.25 L.F. @ 15' = 3003.75 S.F.	5970 S.F.	398 LF / 50 = 8 TREES
NON-VEHICULAR 34-1-8(A) 40,038.37 S.F. LAND -4,638.00 S.F. BLDG. 35,400.37 S.F.	15%=5310.06 S.F.	5310.06 SF / 2500 = 2 TREES
TOTAL REQUIRED	12740.1 S.F. (31.8%)	14 TREES

LANDSCAPING PROVIDED :
SITE AREA = 40,038.37 S.F.
LANDSCAPE AREA = 13,771 S.F. (34.3% COVERAGE)
15 TREES PROVIDED

PHASE II LANDSCAPE DATA

	LANDSCAPE AREA REQUIRED	TREES REQUIRED
INTERIOR VEHICULAR 34-1-8(B) 19,479 S.F. (PAVEMENT)	10% = 1,948 S.F.	1,948 SF / 400 = 5 TREES
PERIMETER VEHICULAR 34-1-8(C) 177-6" X 15' = 2,662.50	2,662.50 S.F.	177.5' LF / 50 = 4 TREES
NON-VEHICULAR 34-1-8(A) 35,624 S.F. - LAND -7,708 S.F. -BLDG. 27,916 S.F.	15% = 4,187 S.F.	4,187 SF / 2500 = 2 TREES
TOTAL REQUIRED :	8,797.5 S.F. (24.7%)	11 TREES

LANDSCAPING PROVIDED :
PHASE II SITE AREA = 35,624 S.F. (DOES NOT INCL. WEST DRIVE)
PHASE II LANDSCAPE AREA PROVIDED= 7,239 S.F. (20.32% COVERAGE)
12 TREES PROVIDED



A-2
OF 6 SHEETS

SEPTEMBER 27, 2017

LANDSCAPE PLAN