

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

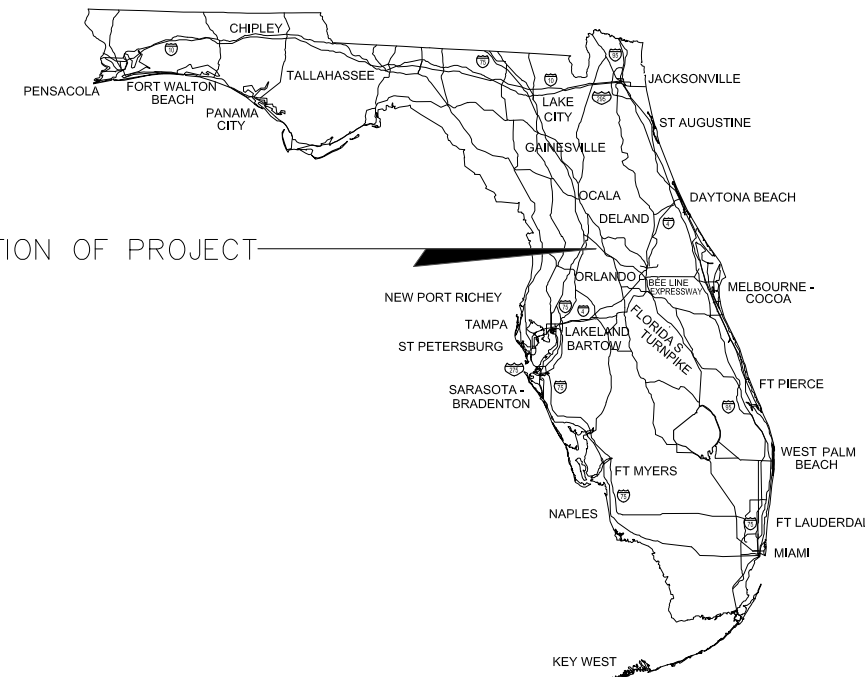
FINANCIAL PROJECT ID 437114-5-52-01  
(FEDERAL FUNDS)  
LAKE COUNTY (11580)  
COUNTY ROAD NO. 46A

LANDSCAPE PLANS

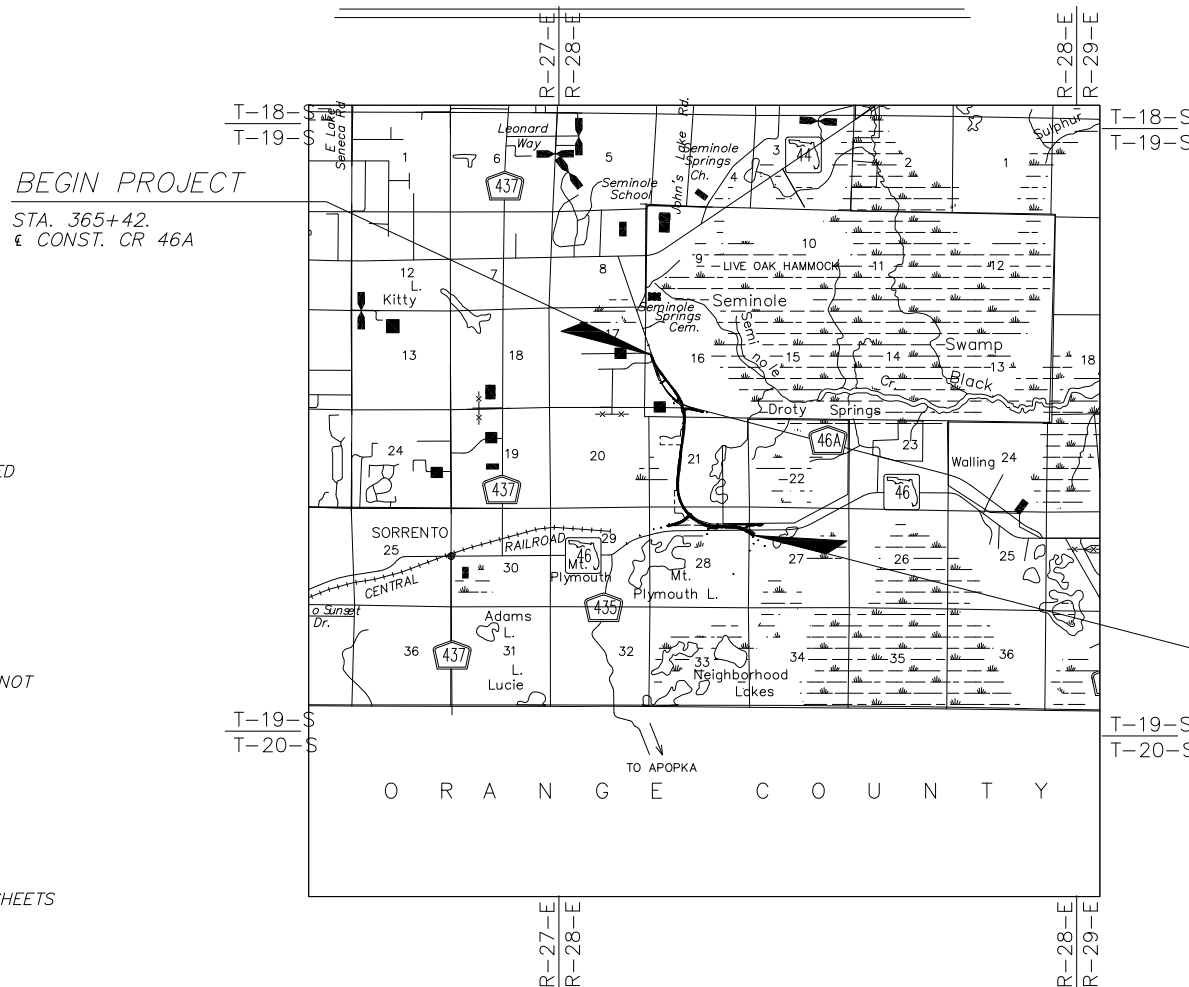
THIS PROJECT TO BE LET TO CONTRACTS  
WITH FINANCIAL PROJECT ID(S):  
437114-1-52-01 and 437114-2-52-01

INDEX OF LANDSCAPE PLANS

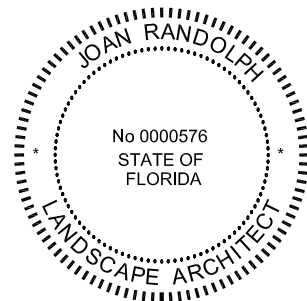
SHEET NO.	SHEET DESCRIPTION
LD-1	KEY SHEET
LD-2	SUMMARY OF PAY ITEMS
LD-3	SUMMARY OF QUANTITIES
LD-4 TO LD-7	TABULATION OF QUANTITIES
LD-8	LANDSCAPE NOTES
LD-9	LANDSCAPE DETAILS
LD-10	LANDSCAPE PROJECT LAYOUT
LD-11 TO LD-36	LANDSCAPE PLAN
M-1 TO M-3	MAINTENANCE BOUNDARY
M-4	TECHNICAL MAINTENANCE CHART



LOCATION OF PROJECT



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED  
AND SEALED BY:



ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT  
CONSIDERED SIGNED AND SEALED. THE  
SIGNATURE MUST BE VERIFIED ON THE  
ELECTRONIC DOCUMENTS.

JCR CONSULTING  
P. O. BOX 941994  
MAITLAND, FLORIDA 32794-1994  
JOAN RANDOLPH, P.L.A. NO 0000576

THE ABOVE NAMED LANDSCAPE ARCHITECT SHALL BE RESPONSIBLE FOR THE SHEETS  
LISTED ABOVE IN ACCORDANCE WITH RULE 61G10.11.011, F.A.C.

GOVERNING DESIGN STANDARDS:

Florida Department of Transportation, FY2019-20 Standard Plans for Road and  
Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the  
following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, JANUARY, 2020 Standard Specifications  
for Road and Bridge Construction at the following web site:  
<http://www.fdot.gov/programmanagement/implemented/SpecBooks>

END PROJECT

STA. 495+01.82  
CONST. CR 46A

LANDSCAPE PLANS  
LANDSCAPE ARCHITECT OF RECORD:

JOAN RANDOLPH, P.L.A.  
L.A. Licence #LA0000576

JCR CONSULTING  
P. O. BOX 941994  
MAITLAND, FLORIDA 32794-1994  
ph (407) 644-5297  
Vendor No.: 59-3404331

FDOT PROJECT MANAGER:

TY GARNER, P.E.

NOTE: THE SCALE OF THESE PLANS MAY HAVE  
CHANGED DUE TO REPRODUCTION.

KEY	SHEET REVISIONS
DATE	DESCRIPTION
1	LD-4 to LD-7, LD-16 to LD-19, LD-21, LD-22, LD-33 to LD-36, M-1, M-2 SHEETS REVISED
2	LD-3 to LD-8, LD-15 to LD-26, LD-33 to LD-36, M-1 to M-3 SHEETS REVISED

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
75707	20	LD-1



## TABULATION OF QUANTITIES / PLANT SCHEDULE

PAY ITEM NO.	PAY SIZE	SYMBOL	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	MAX. MAINTAIN SIZE	SPACING	REMARKS	NATIVE	UNIT	LD-11 to LD-17														TOTAL THIS SHEET	REF. SHEET
											LD-11		LD-12		LD-13		LD-14		LD-15		LD-16		LD-17			
											PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		
101-1			MOBILIZATION							LS														1		
102-1			MAINTENANCE OF TRAFFIC (MOT)					160 DAYS		LS														1		
580-1-1			LANDSCAPE COMPLETE - SMALL PLANTS																							
	SMALL	COR	Cortaderia selloana	Pampas Grass	30" OA	4'	3' OC																			
	SMALL	HAM	Hamelia patens	Firebush	24 OA	4'	3' OC		X	EA																
	SMALL	NER	Nerium oleander "Red"	Red Oleander	36" OA	5'	3' OC			EA																
580-1-2			LANDSCAPE COMPLETE - LARGE PLANTS																							
	LARGE	ACE	Acer rubrum	Autumn Flame Maple	16' H x 8' S	40'		4" CAL, CONT OR FG	X	EA					3		13		2		1				19	
			"Autumn Flame"																							
	LARGE	ILE	Ilex cassine	Dahoon Holly	14' H x 6' S	40'		3" CAL	X	EA																
	LARGE	JUN	Juniperus virginiana silicicola	Southern Red Cedar	8' H x 4' S	30'		FULL TO GROUND	X	EA											7		54		61	
	LARGE	LAL	Lagerstroemia indica "Muskogee"	Lavender Crape Myrtle	12' H x 5' S	25'		5' CT, MULTI-TRUNK, 5 TRUNKS MIN.		EA																
	LARGE	LAW	Lagerstroemia indica "Natchez"	White Crape Myrtle	12' H x 5' S	25'		5' CT, MULTI-TRUNK, 5 TRUNKS MIN.		EA																
	LARGE	LAR	Lagerstroemia indica "Tuskegee"	Red Crape Myrtle	12' H x 5' S	25'		5' CT, MULTI-TRUNK, 5 TRUNKS MIN.		EA																
	LARGE	LIG	Ligustrum japonicum	Japanese Privet	8' H/S	10'		3' CT, MULTI-TRUNK, 5 TRUNKS MIN.		EA																
	LARGE	MAG	Magnolia grandiflora "Little Gem"	Little Gem Magnolia	13' H x 6' S	40'		3' CT, FULL TO GROUND		EA																
	LARGE	MYR	Myrica cerifera	Wax Myrtle	7' H x 3' S	15'		MULTI-TRUNK, FULL TO GROUND	X	EA																
	LARGE	PIN S	Pinus elliotii	Slash Pine	7' H x 2' S	50'		1.5" CAL, REFER TO LANDSCAPE	X	EA																
								DETAILS FOR ON CENTER PLACEMENTS.																		
	LARGE	PIN T	Pinus elliotii	Slash Pine	10' H x 3' S	50'		2" CAL, REFER TO LANDSCAPE	X	EA																
								DETAILS FOR ON CENTER PLACEMENTS.																		
	LARGE	QUS	Quercus shumardii	Shumard Oak	20 H x 9' S	50'		5" CAL, 6' CT, CONT OR FG	X	EA																
	LARGE	QUV	Quercus virginiana	Live Oak	20 H x 9' S	50'		5" CAL, 6' CT, CONT OR FG	X	EA	2		5													
	LARGE	SAB	Sabal palmetto	Sabal Palm	10-28' CT	50'		ROOT REGENERATED TRUNK, MIN. 7	X	EA																
								FRONDS TO REMAIN, BOOTS TO REMAIN,																		
								REFER TO SHEET LD-8 FOR STAGGERING																		
								HEIGHTS AND ON CENTER PLACEMENTS.																		
	LARGE	TAX S	Taxodium distichum	Autumn Gold Bald Cypress	10' H x 4' S	40'		1.5" CAL	X	EA																
			"Autumn Gold"																							
	LARGE	TAX T	Taxodium distichum	Autumn Gold Bald Cypress	16' H x 6' S	40'		4" CAL	X	EA																
			"Autumn Gold"																							
	LARGE	ULM	Ulmus parvifolia "Allee"	Allee Elm	20' H x 9' S	45'		4" CAL	X	EA																

**PAY ITEM NOTES:**

1. PAY ITEM NUMBERS 580-1 (SMALL) AND 580-2 (LARGE) ARE LUMP SUMS. BEYOND FDOT SPECIFICATIONS, UNIT COSTS SHALL ALSO INCLUDE: EROSION CONTROL MATTING, WEED CONTROL FABRIC AND TREE GUARD.
2. PAY ITEMS NUMBERS 580-1 AND 580-2 UNIT COSTS SHALL ALSO INCLUDE SPECIAL BED PREPARATION FOR AREAS BEYOND THE PROPOSED BEDS CONTAINING TREES AND SHRUBS AS INDICATED ON THE LANDSCAPE PLANS.
3. MULCH QUANTITIES SHOWN IN THE TABULATION OF QUANTITIES IS ONLY TO ASSIST THE CONTRACTOR. THE PROJECT DESIGNER IS NOT LIABLE FOR ITS ACCURACY. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY QUANTITIES AND PROVIDE ALL MULCH AS SHOWN ON THE PLANS.. MULCH COSTS IS INCLUDED IN THE COST OF EACH PLANT.

DRAFT ONLY -  
QUANTITIES TO BE  
UPDATED AFTER  
DRAFT REVIEW

**LEGEND:**

CAL - CALIPER CONT - CONTAINER CT - CLEAR TRUNK EA - EACH FG - FIELD GROWN H - HEIGHT LS - LUMP SUM MAINT - MAINTAINED MAX - MAXIMUM MULTI - MULTIPLY	MIN - MINIMUM NO - NUMBER OA - OVERALL OC - ON CENTER S - SPREAD H/S - HEIGHT AND SPREAD SY - SQUARE YARD SYM - SYMBOL X - YES
--	--

REVISIONS				DATE		BY		DESCRIPTION	
8/19/20	JCR	△	UPDATE QUANTITIES/SHIFT SHT COLUMNS						
9/25/20	JCR	△	ADDN TREE BUFFERS						

prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274

**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

**TABULATION OF QUANTITIES (1)**

SHEET NO.  
**LD-4**

\$USER\$
\$DATE\$
\$TIME\$
\$FILE\$

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

**NATURE OF CONSTRUCTION ACTIVITIES:**

1. WORK INCLUDES: MOB, MOT, SOIL TRACKING PREVENTION DEVICE, CLEARING AND GRUBBING AND LARGE AND SMALL LANDSCAPE COMPLETE (PLANTS AND INSTALLATION).

**AREA OF SOIL DISTURBANCE:**

1. INSTALLATION OF PLANTS AND ASSOCIATED MATERIALS ONLY.

**GENERAL LANDSCAPE NOTES**

1. "SPECIAL EVENTS" INCLUDE, BUT NOT LIMITED TO, CITY OF MOUNT DORA ART FESTIVAL AND LEESBURG BIKE FEST.
2. PERFORM WORK ACTIVITIES IN A MANNER THAT PRESERVES AS MUCH EXISTING VEGETATION AS POSSIBLE THAT IS NOT IN CONFLICT WITH LANDSCAPE DESIGN INTENT, FDOT SETBACK OR VEHICLE LINES OF SITE.
3. SEDIMENT BARRIERS ARE PROVIDED ON SITE. REMOVAL OF SEDIMENT BARRIERS SHALL BE BY OTHERS.
4. SOIL PERCOLATION NOTES:
  - A. IT IS THE INTEND OF PERCOLATION TESTING OF THE SOILS TO CREATE A PLANTING ENVIRONMENT FOR LONG TERM HEALTHY PLANT GROWTH FOR THE ENTIRE PROJECT. GUIDELINES AND REPORT CRITERIA IS LISTED BELOW TO ENSURE THESE CONDITIONS
  - B. A "SOILS PERCOLATION REPORT" WILL BE SUBMITTED TO ENGINEER FOR REVIEW AND COMMENT PRIOR TO BEGINNING ANY PLANT INSTALLATION. SEE "SOILS PERCOLATION REPORT" CRITERIA BELOW.
  - C. ACCEPTABLE PERCOLATION RATE SHALL BE 6" PER DAY OR GREATER.
  - D. CONTRACTOR SHALL DEMONSTRATE THAT PLANT BEDS (MULCH BEDS SHOWN ON THE LANDSCAPE PLAN) AND TREE PITS CAN ACHIEVE PERCOLATION RATE PRIOR TO ANY PLANTS INSTALLATION. ANY PLANTS INSTALLED IN PLANT BEDS AND PITS WITHOUT A "PASS" CONDITION WILL BE SUBJECT TO REMEDIATION AT CONTRACTOR EXPENSE.
  - E. SHOULD SOIL PERCOLATION REPORT INDICATE MINIMUM PERCOLATION RATE CAN NOT BE ACHIEVED, THE CONTRACTOR SHALL PROVIDE RECOMMENDED SOLUTIONS TO ENSURE PLANTING BEDS AND PITS PROPERLY DRAIN AFTER PLANT INSTALLATION..
  - F. POTENTIAL SOLUTIONS MAY CONSIST OF, BUT NOT BE LIMITED TO: GREATER PIT DEPTH AND/OR DIAMETER; CHANGE IN SOIL COMPOSITION; , MOUNDING OF PLANT PIT; , INSTALL UNDERGROUND DRAINAGE PIPING; SUBSTITUTION OF PLANT SPECIES MORE ADAPTABLE TO WET SOILS PRESENT, ETC.
  - G. FOR CHANGE OF SOIL COMPOSITION, CLEAN BUILDER SAND SHALL NOT EXCEED 50% OF THE MIX.
  - H. ANY PLANTING BEDS OR PITS DURING THE INSTALLATION AND ESTABLISHMENT PERIODS SHOW LACK OF ACCEPTABLE PERCOLATION SHALL REQUIRE CORRECTIVE MEASURES. THIS MAY CONSIST PLANT OR PIT SOILS TO BE REMOVED AND/OR OTHER SOLUTIONS DEEMED APPROPRIATE. PERCOLATION TESTING WILL BE CONDUCTED AFTER REMEDIATION. NEW TEST RESULTS SHALL BE RE-SUBMITTED TO THE ENGINEER FOR REVIEW AND COMMENTS. PASSING RESULTS SHALL BE OBTAINED PRIOR TO FILLING BEDS AND PLANT PITS AND PLANT(S) REINSTALLED.
  - I. ALL CORRECTIVE ACTION AFTER FAILURE OF PERCOLATION THAT MAY REQUIRE RE-INSTALLATION OF PLANTING PITS AND PLANS IN ADDITION TO ACCEPTABLE SOLUTIONS WILL BE COMPLETED AT CONTRACTOR'S EXPENSE.
5. "SOIL PERCOLATION REPORT" CRITERIA:
  - A. PERCOLATION TEST HOLES: TEST HOLES CAN BE MEASURED AT GRADE LEVEL OR AT BOTTOM OF THE PLANTING PIT TO A DEPTH OF 18" BELOW BOTTOM GRADE OF PLANT PIT. TEST HOLE TO BE 4" DIAMETER MINIMUM. ALTERNATE METHOD OF PERCOLATION TESTING, IF APPROVED BY THE ENGINEER, MAY BE PERMITTED.
  - B. TEST LOCATIONS: LOCATIONS TO BE BASED ON: 1) MULCH BED - 1 TEST PER 50 LINEAR FEET WITH MINIMUM OF ONE LOCATION PER BID; AND 2) FREE STANDING TREES - 1 TEST FOR EACH TREE GROUPING BUT PERCOLATION TEST(S) SHALL NOT BE GREATER THAN 100' APART.
  - C. PERCOLATION TEST: MEASUREMENT OF PERCOLATION RATE WILL ONLY BEGIN ONCE THE TEST HOLES HAVE BEEN COMPLETELY FILLED WITH WATER TWICE TO ALLOW FOR FULL SATURATION OF ADJACENT SOIL.
  - D. ENGINEER SHALL BE PROVIDED ADVANCED THREE WORKING DAYS NOTIFICATION OF DAY AND TIME OF PERCOLATION TESTING TO ALLOW ATTENDANCE AT THEIR OPTION.
  - E. PERCOLATION REPORT: CONTRACTOR SHALL PROVIDE "SOIL PERCOLATION REPORT" DOCUMENTING THE FOLLOWING: 1) DATE; 2) ASSIGNED TEST HOLE NUMBER; 3) LOCATION AND TEST HOLE NUMBER (RED LINE ON LANDSCAPE PLANS); 4) WEATHER CONDITIONS; 5) PERCOLATION RATE IN INCHES PER DAY AT EACH BORING; 6) TEST FINDINGS STATING "PASS" OR "FAIL" CONDITION MEETING CRITERIA ABOVE; AND 7) FOR CASES WITH "FAILED" TEST FINDINGS, CONTRACTOR TO MAKE RECOMMENDATIONS TO MEET ACCEPTABLE PERCOLATION RATES.
6. FOLLOWING APPROVAL OF PLANTING BED LOCATIONS WITH ACCEPTABLE SOIL PERCOLATION RATES, AREAS SHALL BE SCALPED WITH A MOWER AND TREATED TWO TIMES WITH A GLYPHOSATE BASED PRE-EMERGENT HERBICIDE IN ACCORDANCE WITH THE MANUFACTURES' RECOMMENDATIONS FOR RATES AND METHODS OF APPLICATION WITH THE FINAL APPLICATION BEING AT LEAST 5 DAYS PRIOR PLANTING. REMOVE ALL DEAD MATERIAL PRIOR TO PLANT INSTALLATION.
7. APPLY A PRE-EMERGENT GRANULAR HERBICIDE TO ALL DESIGNATED MULCH AREAS PRIOR TO INSTALLATION OF MULCHING. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR RATES AND METHODS OF APPLICATION. PRE-EMERGENT HERBICIDE SHALL CONTROL ALL WEEDS AND GRASSES.
8. PLANTS GROWN IN CONTAINERS PRIOR TO INSTALLATION SHALL BE REMOVED FROM THEIR CONTAINERS BEFORE INSTALLATION.

9. MULCH SHALL BE SHREDDED HARDWOOD FOR SLOPES LESS THAN 1: 3 AND PINE STRAW FOR SLOPES GREATER THAN 1: 3. COMPACT MULCH TO A DEPTH OF THREE INCHES, A 5' DIAMETER MULCH RING SHALL BE CENTERED ON FREE STANDING TREES AND PALMS. FOR SHRUB BEDS, EXTEND MULCH 24" FROM SHRUBS TRUNKS.
10. PROVIDE COMMERCIAL GRADE WEED CONTROL FABRIC UNDER MULCH BED SLOPES LESS THAN 1: 3.
11. PROVIDE EROSION CONTROL MATTING UNDER MULCH BED SLOPES 1: 3 OR GREATER. EROSION CONTROL FABRIC SHALL BE COCOA NUT FIBER WITH A PLASTIC WEBBING THAT WILL BE BIODEGRADABLE WITHIN THREE YEARS. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
12. ANY REPLACEMENT TURF DISTURBED DURING PLANT INSTALLATION SHALL BE PASPALUM NOTATUM (BAHIA).
13. SOD REPLACEMENT IN SPECIAL BED PREPARATION AREAS LOCATED BEYOND GRASS SOD AROUND PROPOSED PLANTING BEDS MAY BE VIA SEEDING OR HYDRO-SEEDING.
14. APPLY MYCORRHIZAL INOCULATE FOR ALL PLANTING MATERIALS. APPLY PER MANUFACTURER'S RECOMMENDATIONS.
15. ALL PLANTING MATERIAL SHALL RECEIVE GRANULAR 18-6-12 TIME RELEASE FERTILIZER IN QUANTITIES AS DIRECTED BY THE MANUFACTURERS. PLACE FERTILIZATION IN BOTTOM OF THE PLANTING HOLE.
16. A TREE GUARD INSTALLATION SHALL BE LOCATED ONLY AT BASE OF FREE STANDING TREES. NO TREE GUARD REQUIRED FOR SABAL PALMS. REFER TO "TREE GUARD DETAIL".
17. WATER FORCE SHALL NOT BE APPLIED IN A MANNER WHICH WOULD DAMAGE PLANTS, REMOVE SOIL SAUCER RINGS, DISPLACE MULCH OR CAUSE EROSION OR DAMAGE TO SURROUNDING AREA OR OTHER IMPROVEMENTS.
18. MAINTAINING PLANT QUALITY DURING THE ESTABLISHMENT PERIOD SHALL BE FURTHER DEFINED AS DEMONSTRATING SUFFICIENT FERTILITY LEVELS SUCH THAT THE PLANT MATERIAL SHOWS NO SIGNS OF LEAF DEFORMATION NORMALLY ASSOCIATED WITH LACK OF PROPER NUTRITION (CHLOROSIS, NECROSIS, LEAF SPOT, FRIZZLE TOP, ETC.).
19. "INSTALLATION PLAN" AND "ESTABLISHMENT PLAN": IN ADDITION TO THAT LISTED IN THE SPECIFICATIONS, THE PLANS SHALL INCLUDE THE FOLLOWING INFORMATION: 1) PROPOSED METHOD TO PROVIDE WATER COVERAGE; 2) WATER SOURCE; 3) SCHEDULE; 4) RATE AND FREQUENCY; AND 5) ADDRESS TIMES OF HEAVY RAINFALL AND DROUGHT PERIODS.
20. NO PERMITTED OUTDOOR BILLBOARD SIGNS ARE LOCATED WITHIN THIS PROJECT.

**MAINTENANCE OF TRAFFIC NOTES:**

1. MAINTENANCE OF TRAFFIC TO BE IN ACCORDANCE WITH STANDARD PLANS INDEX 102-601.
2. NO LANE CLOSURES ARE ALLOWED FOR THIS PROJECT.
3. MAINTAIN THE EXISTING POSTED SPEED LIMITS DURING ALL PHASES OF CONSTRUCTION.
 

CR 46A FROM ARUNDLE WAY TO SORRENTO AVENUE:	55 MPH
CR 46A FROM SORRENTO AVENUE TO SR 429:	45 MPH
SORRENTO AVENUE:	45 MPH
SERVICE ROAD:	45 MPH
DROTY SPRINGS LANE:	45 MPH

**STORM WATER POLLUTION PREVENTION NOTES:**

1. NO EARTHWORK, OTHER THAN POLLUTION CONTROL, IS TO BE PART OF THIS CONTRACT.
2. CONTROLS: SWPPP ACTIVITIES: THE CONTRACTOR'S PROFESSIONAL ENGINEER (PE) OR CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC) WILL PREPARE AND SUBMIT A SITE SPECIFIC EROSION AND SEDIMENT CONTROL PLAN TO ENGINEER FOR REVIEW AND APPROVAL. SEDIMENT CONTROL PLAN SHALL FOLLOW FDOT GOVERNING STANDARDS.
3. FERTILIZERS AND PESTICIDES: THE APPLICATION OF FERTILIZERS AND PESTICIDES SHALL BE ACCOMPLISHED IN A MANNER DESCRIBED BY THE MANUFACTURER TO ENSURE PROPER APPLICATION AND TO AVOID OVER-APPLICATION.

**UTILITIES:**

1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATE V<sub>v</sub>, V<sub>h</sub> AND V<sub>wh</sub>) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
2. UTILITY/AGENCY OWNERS:
 

COMPANIES	TELEPHONE NUMBERS
CENTURY LINK	407-814-5383
CITY OF EUSTIS (WATER)	352-483-5480
CITY OF EUSTIS (WASTEWATER)	352-483-5480
COMCAST COMMUNICATIONS	352-315-8527

FLORIDA GAS TRANSMISSION 407-838-7171  
DUKE ENERGY 407-942-9553

**SUBMITTALS:**

1. "INSTALLATION PLAN" AT PRE-CONSTRUCTION MEETING.
2. "ESTABLISHMENT PLAN" (NOT LESS THAN 45 DAYS BEFORE SCHEDULED COMPLETION OF THE INSTALLATION).
3. NAME OF WORKSHOP LANDSCAPE SUPERVISOR AT PRE-CONSTRUCTION MEETING.
4. LIST OF NURSERIES WHERE PLANTS ARE TAGGED (INCLUDE CONTACT INFORMATION AND LOCATION.)
5. SOIL PERCOLATION RATE REPORT.
6. PRODUCT CUT SHEETS, SAMPLES OR MATERIAL MAKE UP OF ALL MATERIALS AND PRODUCTS SPECIFIED TO ENGINEER PRIOR TO DELIVERY TO SITE, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
  - A. SOIL MIX AND SOIL AMENDMENTS;
  - B. FERTILIZER;
  - C. PRE-EMERGENT HERBICIDE;
  - D. WEED CONTROL FABRIC AND EROSION CONTROL MATTING;
  - E. MULCH;
  - F. MANUFACTURER'S LABELS TO ENGINEER THAT PRODUCTS INSTALLED MATCH CONTRACT DOCUMENTS;
  - G. SATISFACTORY EVIDENCE THAT SOIL AMENDMENTS HAVE BEEN PURCHASED AND UTILIZED PRIOR TO PROCEEDING WITH PLANT INSTALLATION; AND
7. METHOD OF PROVIDING GRASS TO THE SPECIAL BED PREPARATION AREAS.
8. CONTRACTOR CERTIFICATION OF INSTALLATION.
9. INSPECTION AND REPORTING FOR MONTHLY AN QUARTERLY ESTABLISHMENT PERIODS.

**SPECIAL BED PREPARATION NOTES:**

1. THE INTENT OF SPECIAL BED PREPARATION (BED PREPARATION) IS TO PROVIDE FOR CLEARING EXISTING SCRUB VEGETATION THAT WILL COMPETE WITH SURROUNDING AREAS BEYOND THE PROPOSED PLANTING BEDS AND TREES.
2. NO EXISTING TREES AND PALMS SHALL BE REMOVED.
3. BED PREPARATION AREAS ARE IDENTIFIED ON THE LANDSCAPE PLANS. AREAS ARE LOCATED BETWEEN STA. 425+00 TO 447+00.
4. BED PREPARATION SHALL REMOVE ONLY SCRUB, WEEDS, VINES, PALMETTO SPROUTS, ETC. MATERIALS FOR CLEARED APPEARANCE. GRASS AREAS IN GOOD CONDITION MAY REMAIN.
5. CONTRACTOR, ENGINEER AND LANDSCAPE ARCHITECT SHALL WALK THESE AREAS TO CONFIRMATION OF REMOVED PLANTINGS.
6. AFTER BED PREPARATION, SOD REPLACEMENT AREAS LOCATED BEYOND GRASS SOD AROUND PROPOSED PLANTING BEDS MAY BE VIA SEEDING OR HYDRO-SEEDING.
7. CONTRACTOR TO SUBMIT METHOD OF INSTALLING AND MAINTAINING GRASS IN THESE AREAS FOR ENGINEER REVIEW PRIOR TO STARTING GRASS INSTALLATION.

**TREE AND BED PLACEMENT NOTES:**

1. THE INTENT OF PROPOSED PLANTINGS BETWEEN STA. 425+00 AND 447+00 IS TO PROVIDE BUFFERING BETWEEN SR 46A ROADWAY AND REDTAIL COMMUNITY.
2. AFTER SPECIAL BED PREPARATION CLEARING IS DONE, CONTRACTOR SHALL STAKE PROPOSED TREES AND PLANTING BEDS FOR ENGINEER AND LANDSCAPE ARCHITECT FIELD REVIEW TO CONFIRM BEST LOCATION TO PROVIDE SCREENING.

**PLANT LEGEND:**

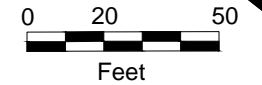
CODE	COMMON NAME	CODE	COMMON NAME
MYR	Wax Myrtle	ULM	Allee Elm
PIN S	Slash Pine-7' H	COR	Pampas Grass
PIN T	Slash Pine-10' H	HAM	Fire Bush
QUS	Shumard Oak	NER	Red Oleander
QUV	Live Oak		Small Pine Bark Mulch
SAB	Sabal Palm		Pine Straw Mulch
TAX S	Autumn Gold (10' h)		
TAX T	Autumn Gold (16' h)		
LIG	Japanese Privet		
MAG	Magnolia Little Gem		
ACE	Autumn Flame Maple		
ILE	Dahoon Holly		
JUN	Southern Red Cedar		
LAL	Lavendar Crape Myrtle		
LAW	White Crape Myrtle		
LAR	Red Crape Myrtle		

REVISIONS						prepared by:	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID.	
9/25/20	JCR	ADDN TREE BUFFERS				JCR CONSULTING P.O. BOX 941994 MAITLAND, FLORIDA 32794 Ph (407) 644-5297 Fax (407) 644-3274	CR 46A	LAKE	437114-5-52-01	LD-8

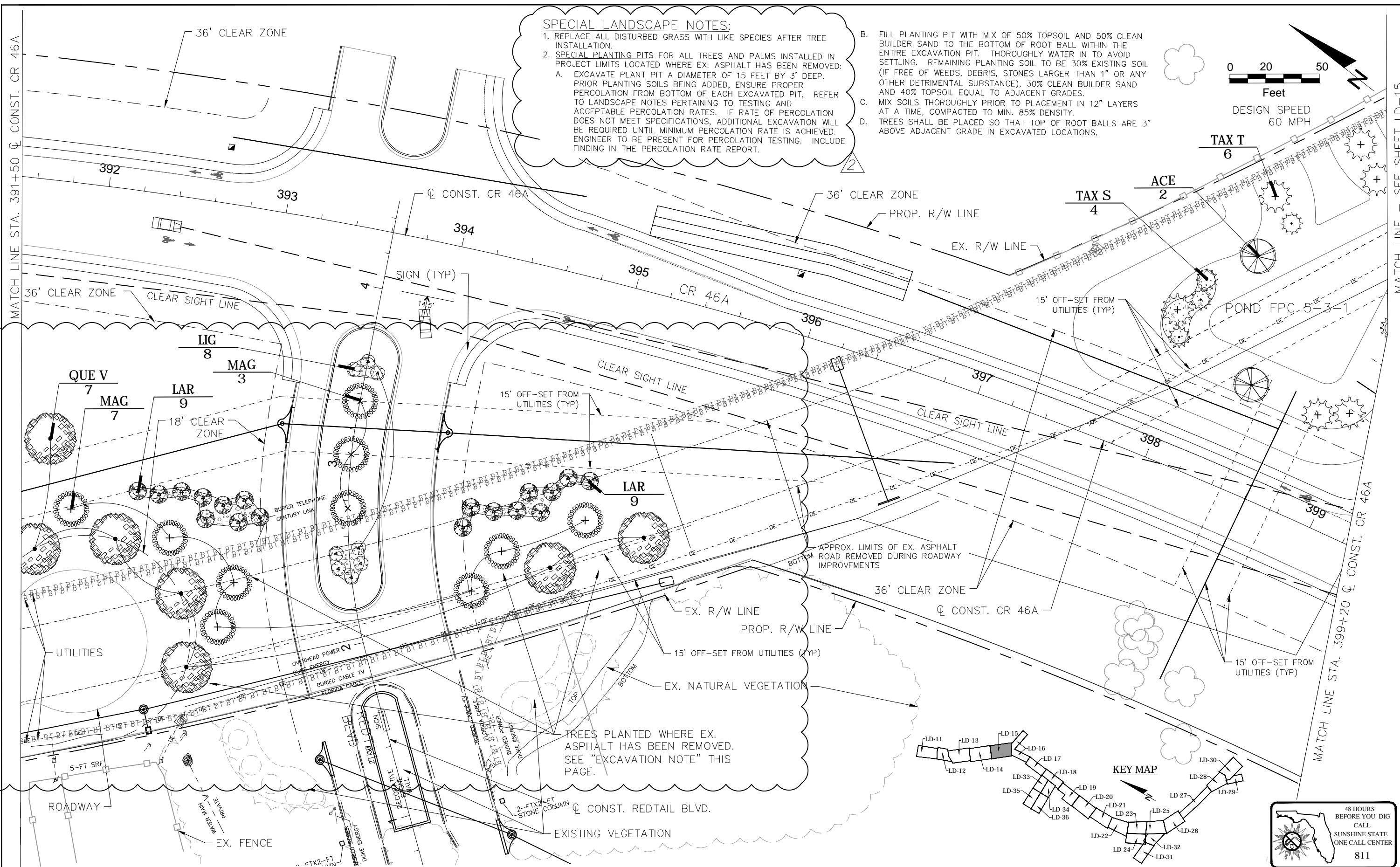
**SPECIAL LANDSCAPE NOTES:**

1. REPLACE ALL DISTURBED GRASS WITH LIKE SPECIES AFTER TREE INSTALLATION.
2. SPECIAL PLANTING PITS FOR ALL TREES AND PALMS INSTALLED IN PROJECT LIMITS LOCATED WHERE EX. ASPHALT HAS BEEN REMOVED:
  - A. EXCAVATE PLANT PIT A DIAMETER OF 15 FEET BY 3' DEEP. PRIOR PLANTING SOILS BEING ADDED, ENSURE PROPER PERCOLATION FROM BOTTOM OF EACH EXCAVATED PIT. REFER TO LANDSCAPE NOTES PERTAINING TO TESTING AND ACCEPTABLE PERCOLATION RATES. IF RATE OF PERCOLATION DOES NOT MEET SPECIFICATIONS, ADDITIONAL EXCAVATION WILL BE REQUIRED UNTIL MINIMUM PERCOLATION RATE IS ACHIEVED. ENGINEER TO BE PRESENT FOR PERCOLATION TESTING. INCLUDE FINDING IN THE PERCOLATION RATE REPORT.

- B. FILL PLANTING PIT WITH MIX OF 50% TOPSOIL AND 50% CLEAN BUILDER SAND TO THE BOTTOM OF ROOT BALL WITHIN THE ENTIRE EXCAVATION PIT. THOROUGHLY WATER IN TO AVOID SETTLING. REMAINING PLANTING SOIL TO BE 30% EXISTING SOIL (IF FREE OF WEEDS, DEBRIS, STONES LARGER THAN 1" OR ANY OTHER DETRIMENTAL SUBSTANCE), 30% CLEAN BUILDER SAND AND 40% TOPSOIL EQUAL TO ADJACENT GRADES.
- C. MIX SOILS THOROUGHLY PRIOR TO PLACEMENT IN 12" LAYERS AT A TIME, COMPACTED TO MIN. 85% DENSITY.
- D. TREES SHALL BE PLACED SO THAT TOP OF ROOT BALLS ARE 3" ABOVE ADJACENT GRADE IN EXCAVATED LOCATIONS.



DESIGN SPEED  
60 MPH



TREES PLANTED WHERE EX. ASPHALT HAS BEEN REMOVED. SEE "EXCAVATION NOTE" THIS PAGE.

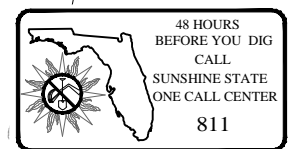
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
9/25/20	JCR	ADDN TREE BUFFERS			

prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

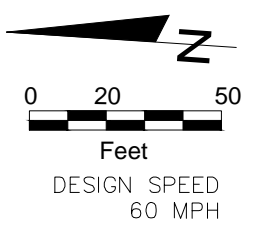
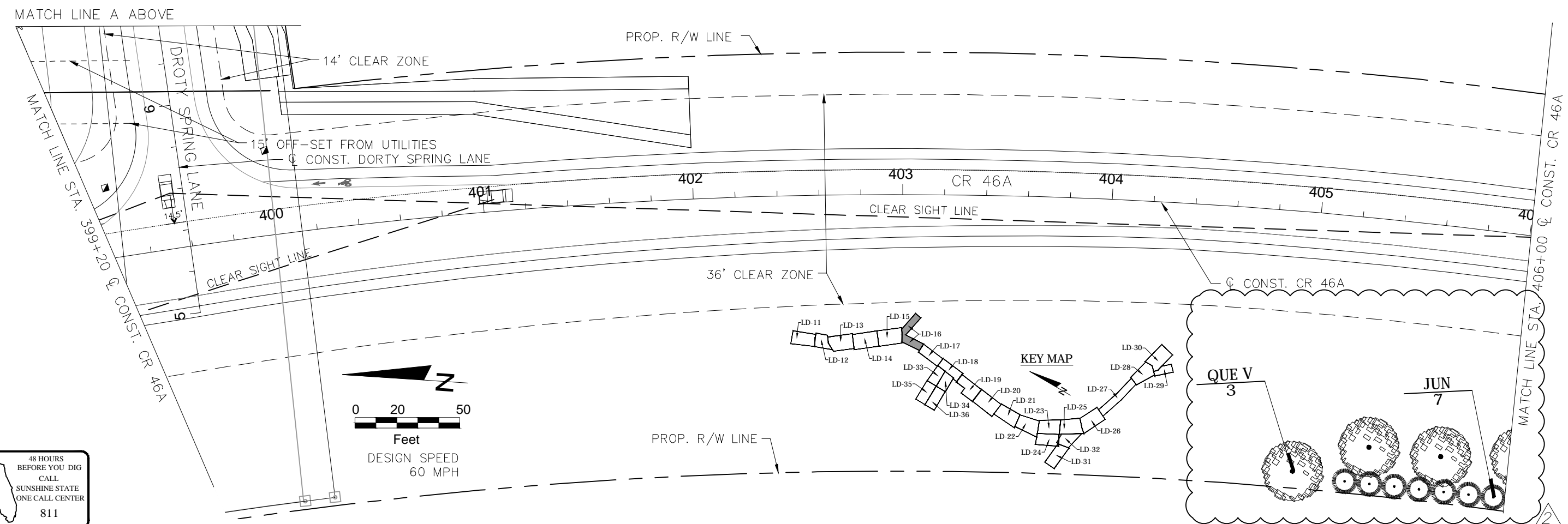
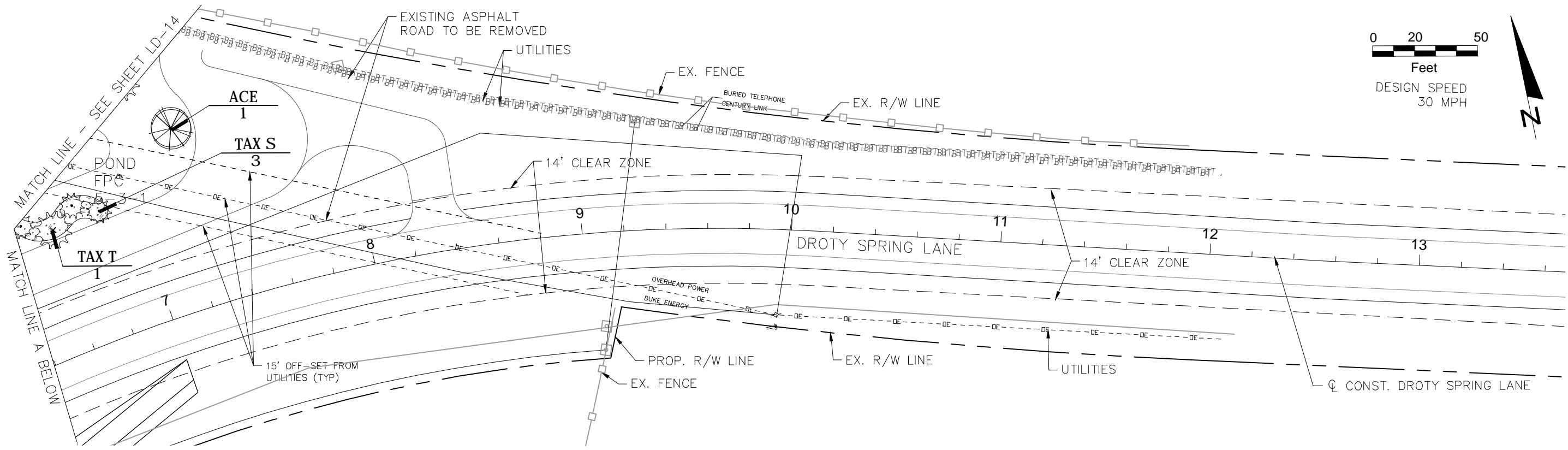
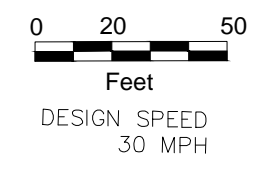
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

**LANDSCAPE PLAN (5)**

SHEET NO.  
**LD-15**



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G00-11.011, F.A.C.



REVISIONS		DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
8/19/20	JCR			ADDN TREE BUFFERS			
9/25/20	JCR			ADDN TREE BUFFERS			

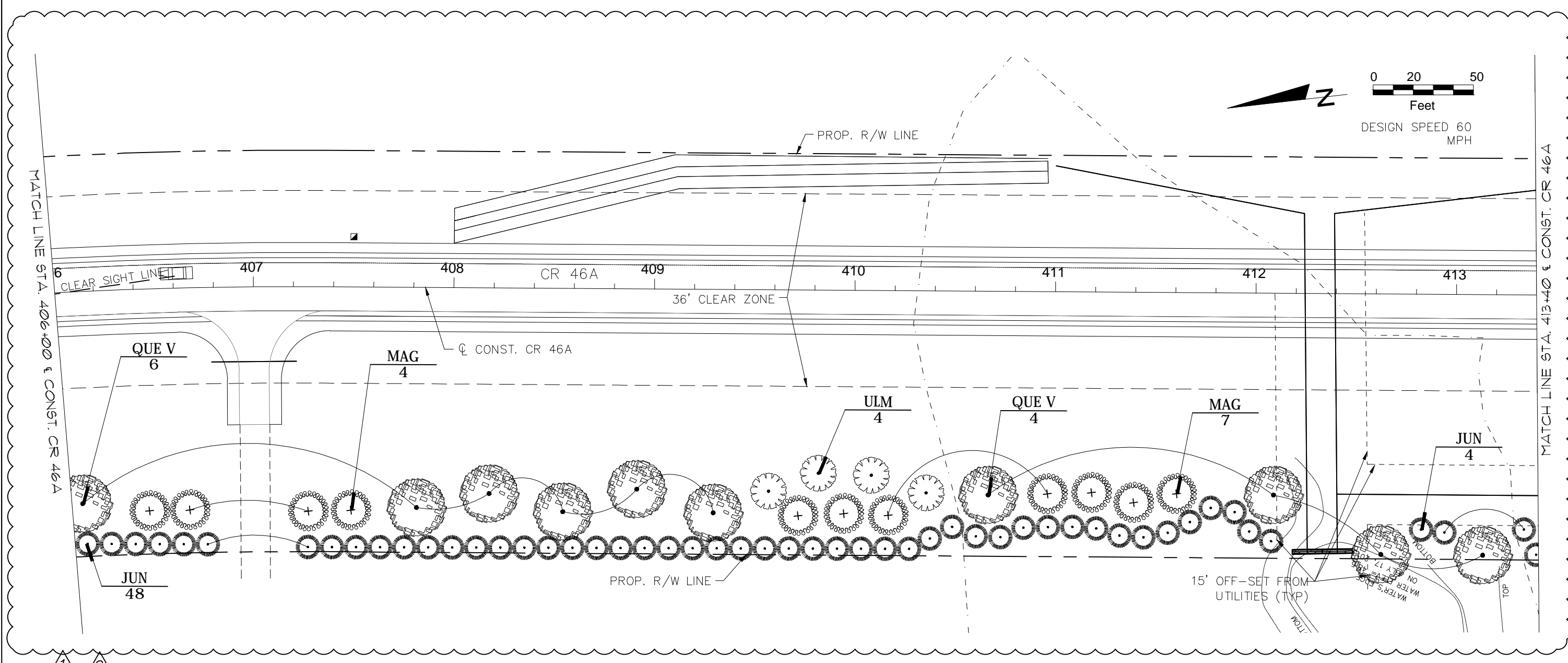
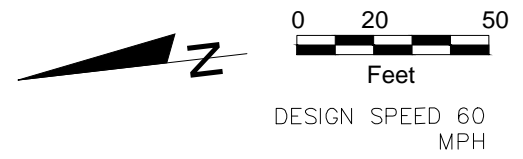
prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

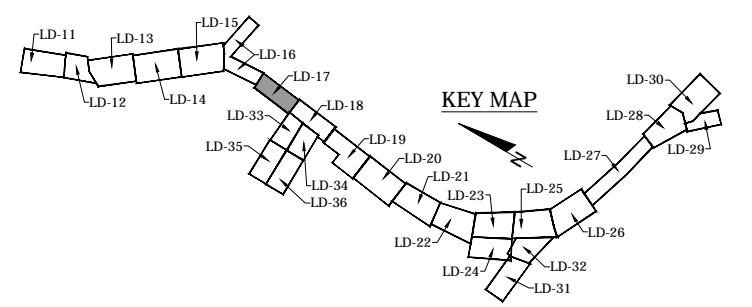
**LANDSCAPE PLAN (6)**

SHEET NO.  
**LD-16**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.



1 2



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
8/19/20	JCR	ADDN TREE BUFFERS			
9/25/20	JCR	ADDN TREE BUFFERS			

prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

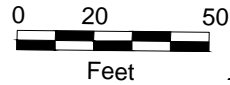
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

**LANDSCAPE PLAN (7)**

SHEET NO.  
**LD-17**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.



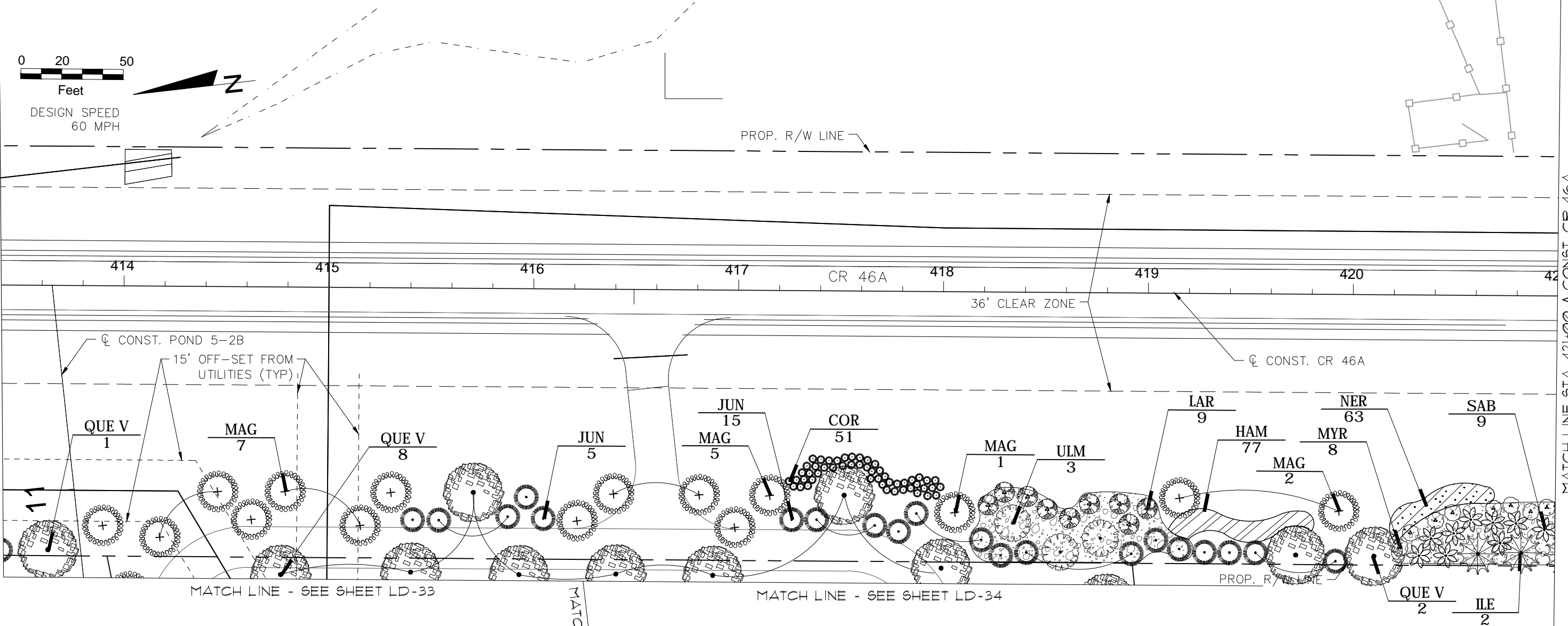


DESIGN SPEED  
60 MPH

PROP. R/W LINE

MATCH LINE STA. 413+40 CONST. CR 46A

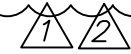
MATCH LINE STA. 421+00 CONST. CR 46A



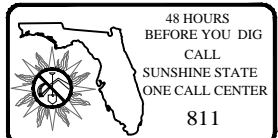
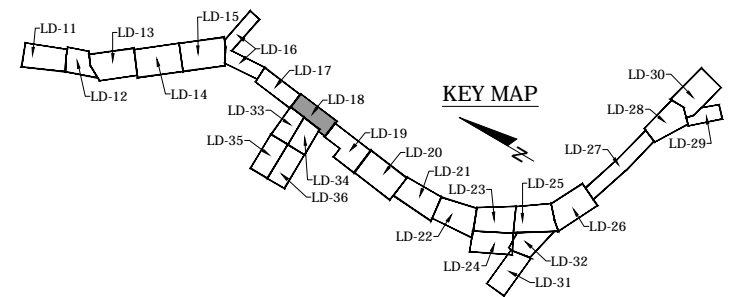
MATCH LINE - SEE SHEET LD-33

MATCH LINE - SEE SHEET LD-34

PROP. R/W LINE



MATCH LINE



REVISIONS		DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
8/19/20	JCR			ADDN TREE BUFFERS			
9/25/20	JCR			ADDN TREE BUFFERS			

prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

**LANDSCAPE PLAN (8)**

SHEET NO.  
**LD-18**

\$USER\$ \$DATES\$ \$TIME\$ \$FILE\$

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

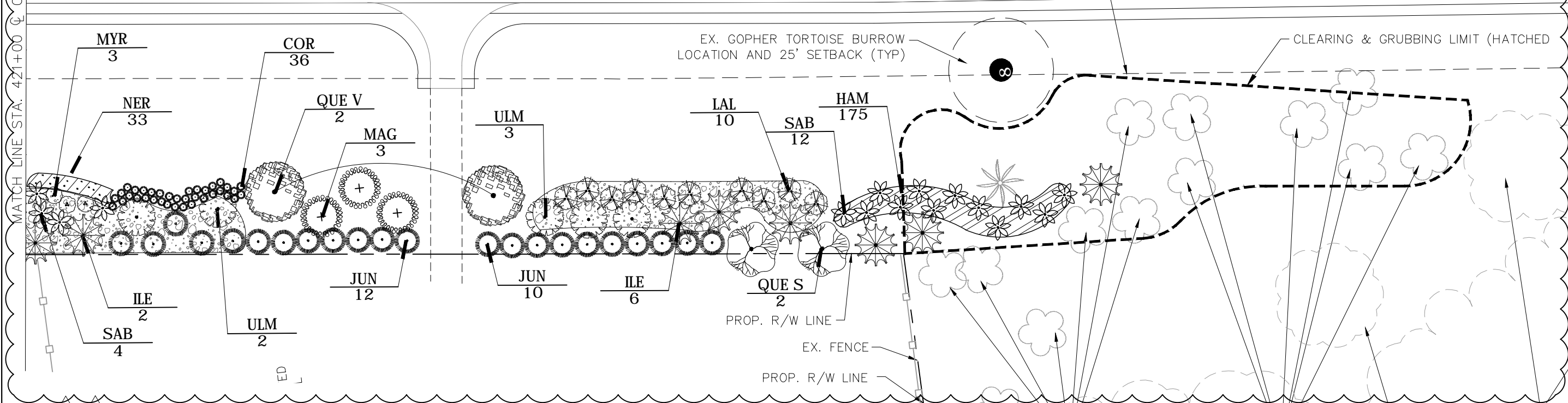
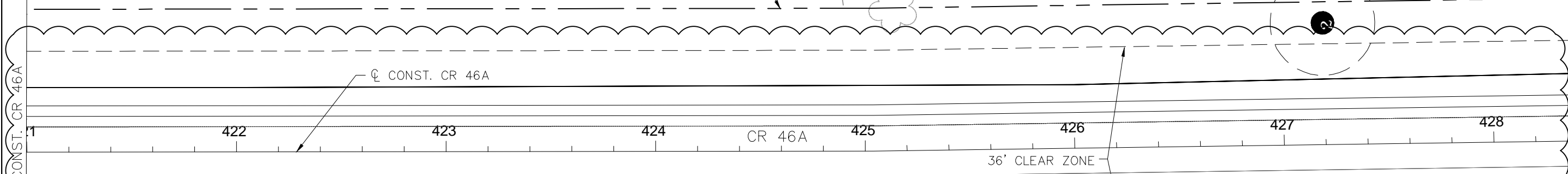


DESIGN SPEED  
60 MPH



EX. FENCE  
PROP. R/W LINE

MATCH LINE STA. 421+00



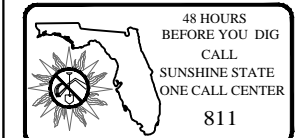
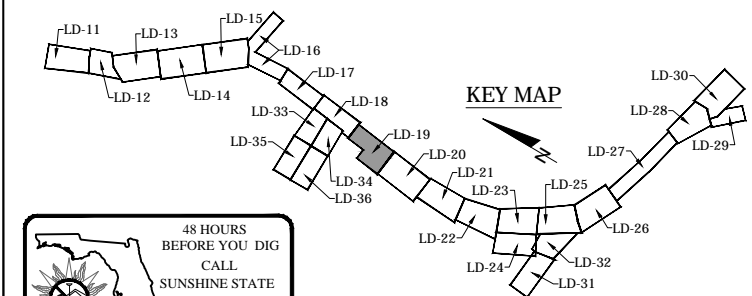
1 2

EX. GOPHER TORTOISE BURROW  
LOCATION AND 25' SETBACK (TYP)

CLEARING & GRUBBING LIMIT (HATCHED)

Ex. individual trees to remain. Make adjustments to proposed plantings to blend with remaining vegetation. Coordinate locations with Engineer.

Ex. tree shown in massings to remain (shown clouded)



REVISIONS		DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
8/19/20	JCR			ADDN TREE BUFFERS			
9/25/20	JCR			ADDN TREE BUFFERS			

prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

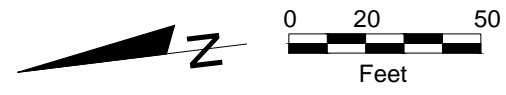
**LANDSCAPE PLAN (9)**

SHEET NO.  
**LD-19**

MATCH LINE STA. 428+60

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

\$USER\$ \$DATE\$ \$TIME\$ \$FILE\$



← DESIGN SPEED 60 MPH | DESIGN SPEED 45 MPH →

PROP. R/W LINE

429

430

431

432

CR 46A

433

434

435

436

36' CLEAR ZONE

24' CLEAR ZONE

EX. GOPHER TORTOISE BURROW LOCATION AND 25' SETBACK (TYP)

7

6

5

LAL 14

MYR 15

COR 53

Q CONST. CR 46A

CLEARING & GRUBBING LIMIT (HATCHED)

Place Pampas Grass in front of ex. tree canopy

Ex. trees to remain. Make adjustments to proposed plantings to blend with remaining vegetation. Remove all scrub vegetation within proposed beds. Coordinate locations with Engineer.

Remove all scrub vegetation within proposed beds

Ex. trees massing to remain (shown clouded)

4-FT HMF

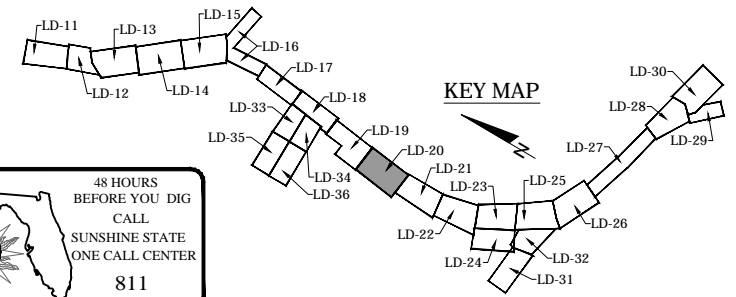
4-FT BWF

4-FT WOOD SRP

PROP. R/W LINE

ESTATES RIDGE DR

EX. FENCE



MATCH LINE STA. 428+60 Q CONST. CR 46A

MATCH LINE STA. 436+25 Q CONST. CR 46A

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

REVISIONS		DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
		9/25/20	JCR	ADDN TREE BUFFERS			

prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

**LANDSCAPE PLAN (10)**

SHEET NO.  
**LD-20**

\$USER\$ \$DATES\$ \$TIME\$ \$FILE\$



MATCH LINE STA. 436+25 @ CONST. CR 46A

MATCH LINE STA. 443+20 @ CONST. CR 46A

PROP. R/W LINE

EX. GOPHER TORTOISE BURROW LOCATION AND 25' SETBACK (TYP)

437 438 439 CR 46A 440 441 442 443

24' CLEAR ZONE

CONST. CR 46A

NER 137

ILE 3

SAB 15

QUE S 3

COR 84

HAM 91

LAW 6

SAB 16

MYR 11

QUE S 3

MAG 1

Remove all scrub vegetation within proposed beds  
Place Pampas Grass in front of ex. tree canopy

CLEARING & GRUBBING LIMIT (HATCHED)

Ex. tree massing to remain (shown clouded)

Ex. trees to remain. Make adjustments to proposed plantings to blend with remaining vegetation. Coordinate locations with Engineer.

PROP. R/W LINE

EX. FENCE

ESTATES RIDGE DR

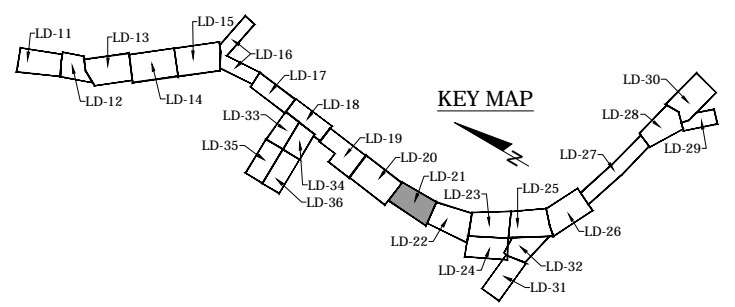
MAG 3

QUE V 5

QUE V 1

JUN 3

CLEARING & GRUBBING LIMIT (HATCHED)



REVISIONS		DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
8/19/20	JCR			ADDN TREE BUFFERS			
9/25/20	JCR			ADDN TREE BUFFERS			

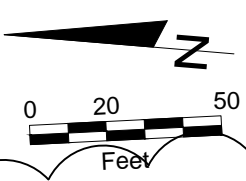
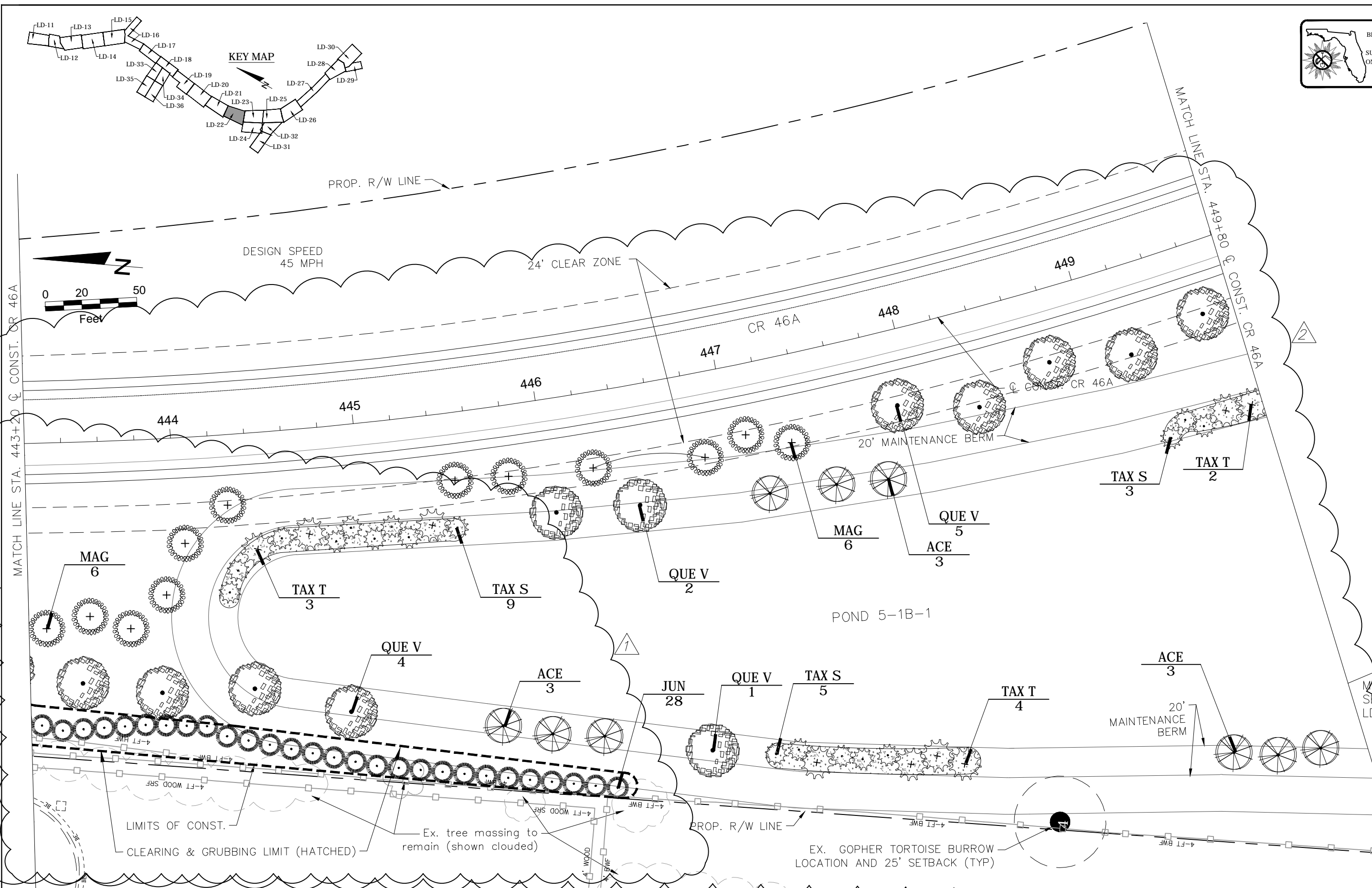
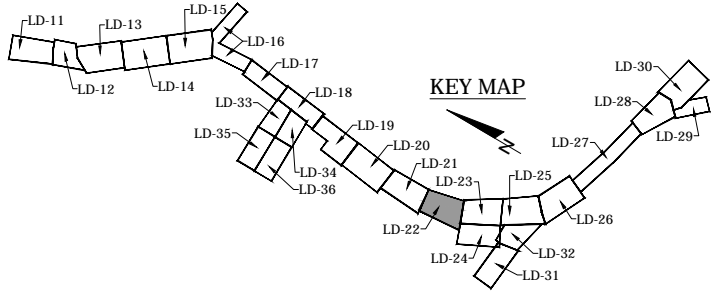
prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

**LANDSCAPE PLAN (11)**

SHEET NO.  
**LD-21**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.



DATE		BY		DESCRIPTION	DATE	BY	DESCRIPTION
8/19/20		JCR		ADDN TREE BUFFERS			
9/25/20		JCR		ADDN TREE BUFFERS			

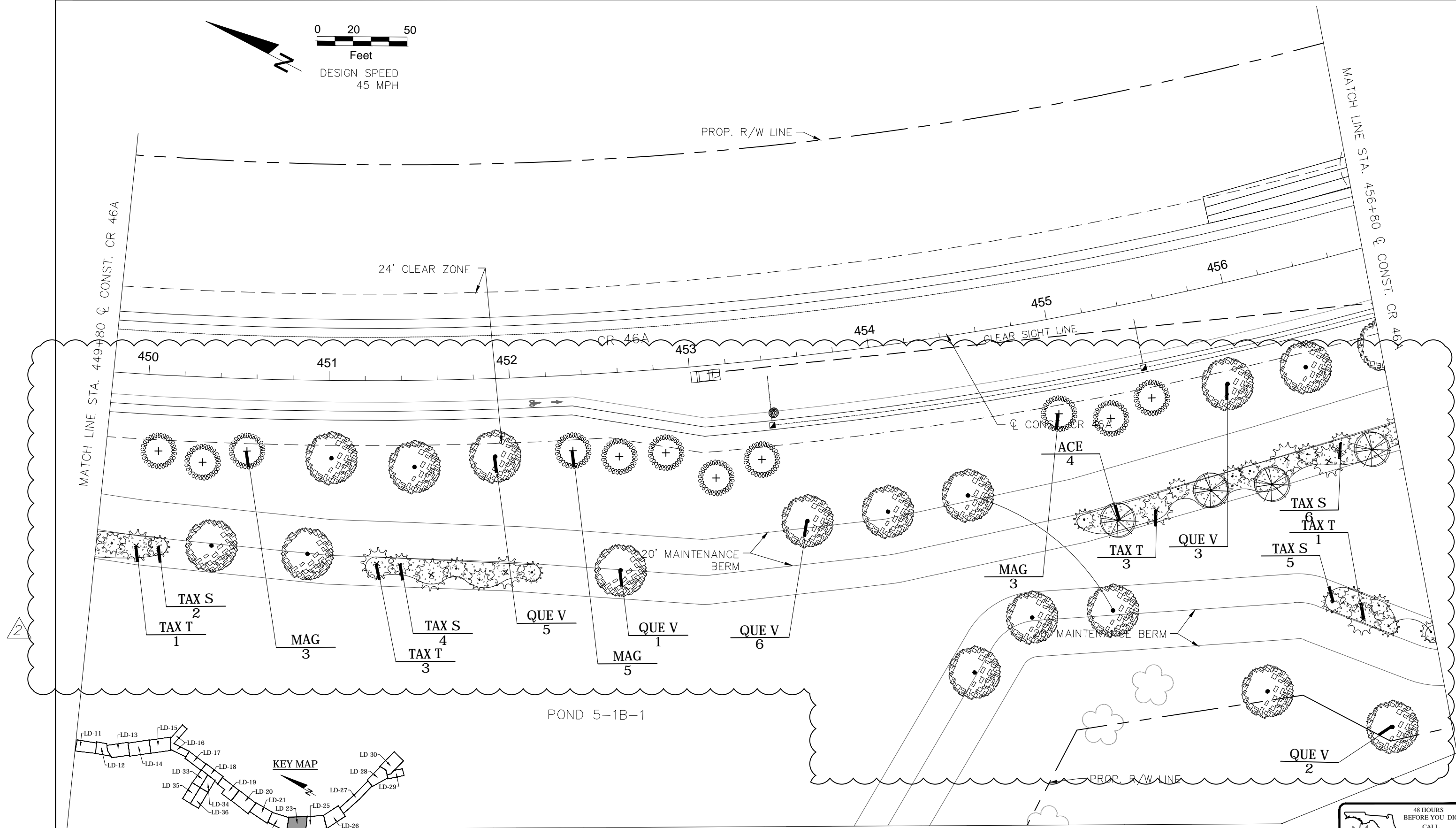
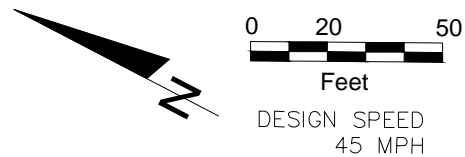
prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

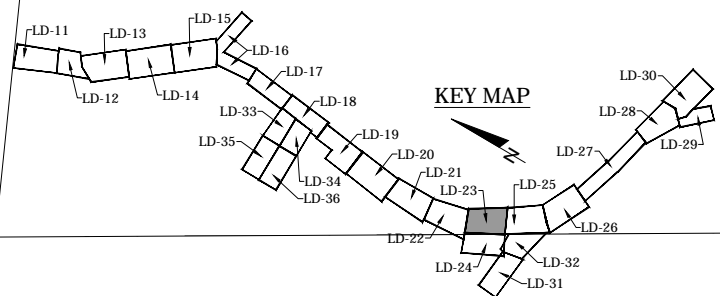
**LANDSCAPE PLAN (12)**

SHEET NO.  
**LD-22**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G00-11.011, F.A.C.



2



MATCH LINE - SEE SHEET LD-23

48 HOURS  
BEFORE YOU DIG  
CALL  
SUNSHINE STATE  
ONE CALL CENTER  
811

REVISIONS		DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
		9/25/20	JCR	ADDN TREE BUFFERS			

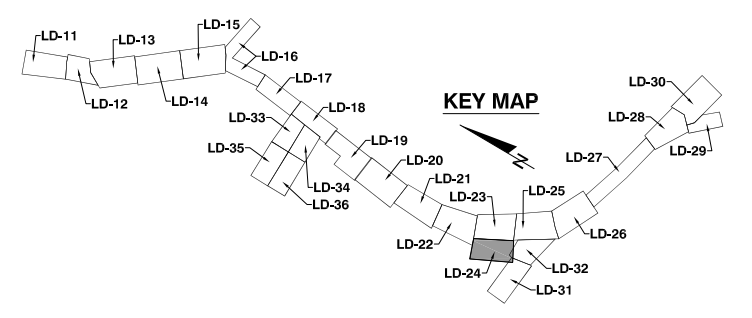
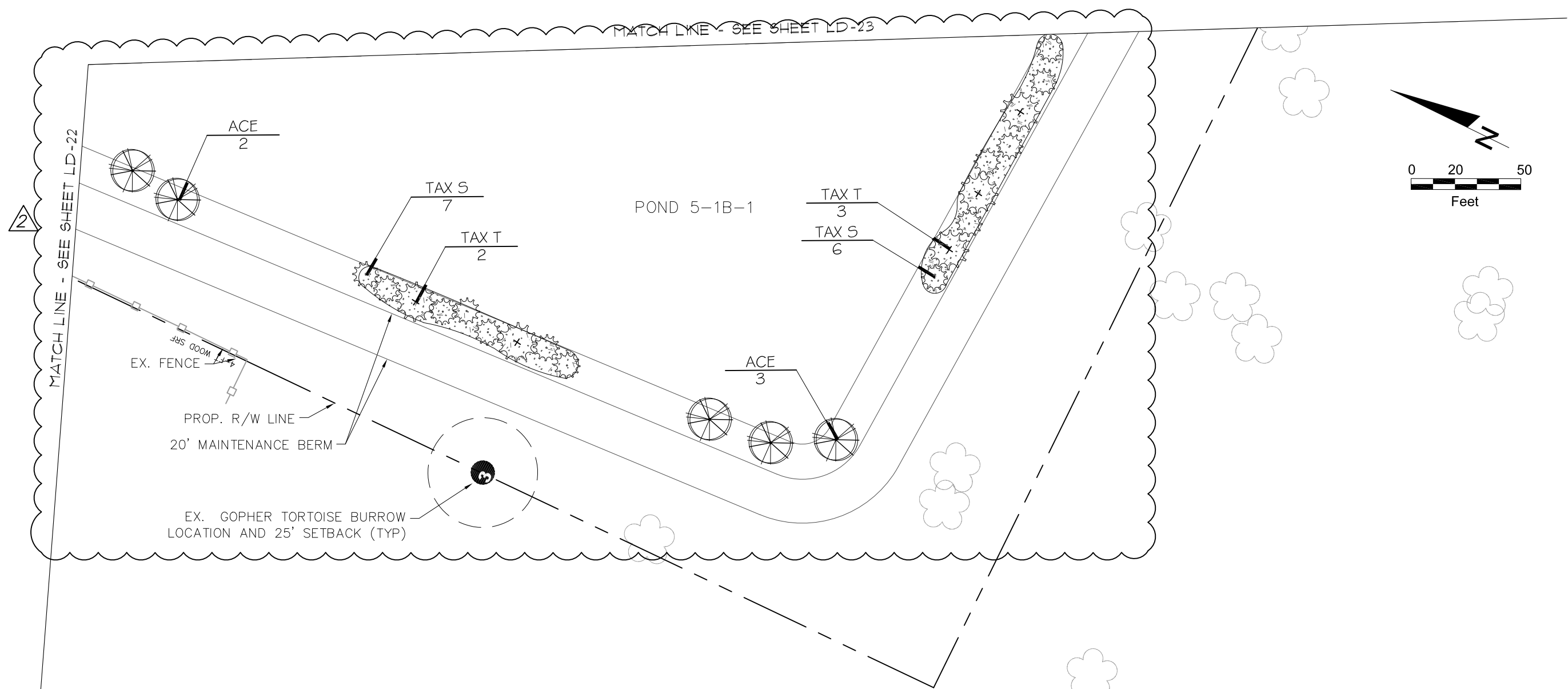
prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

**LANDSCAPE PLAN (13)**

SHEET NO.  
**LD-23**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
9/25/20	JCR	ADDN TREE BUFFERS			

prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

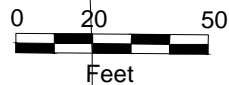
**LANDSCAPE PLAN (14)**

SHEET NO.  
**LD-24**

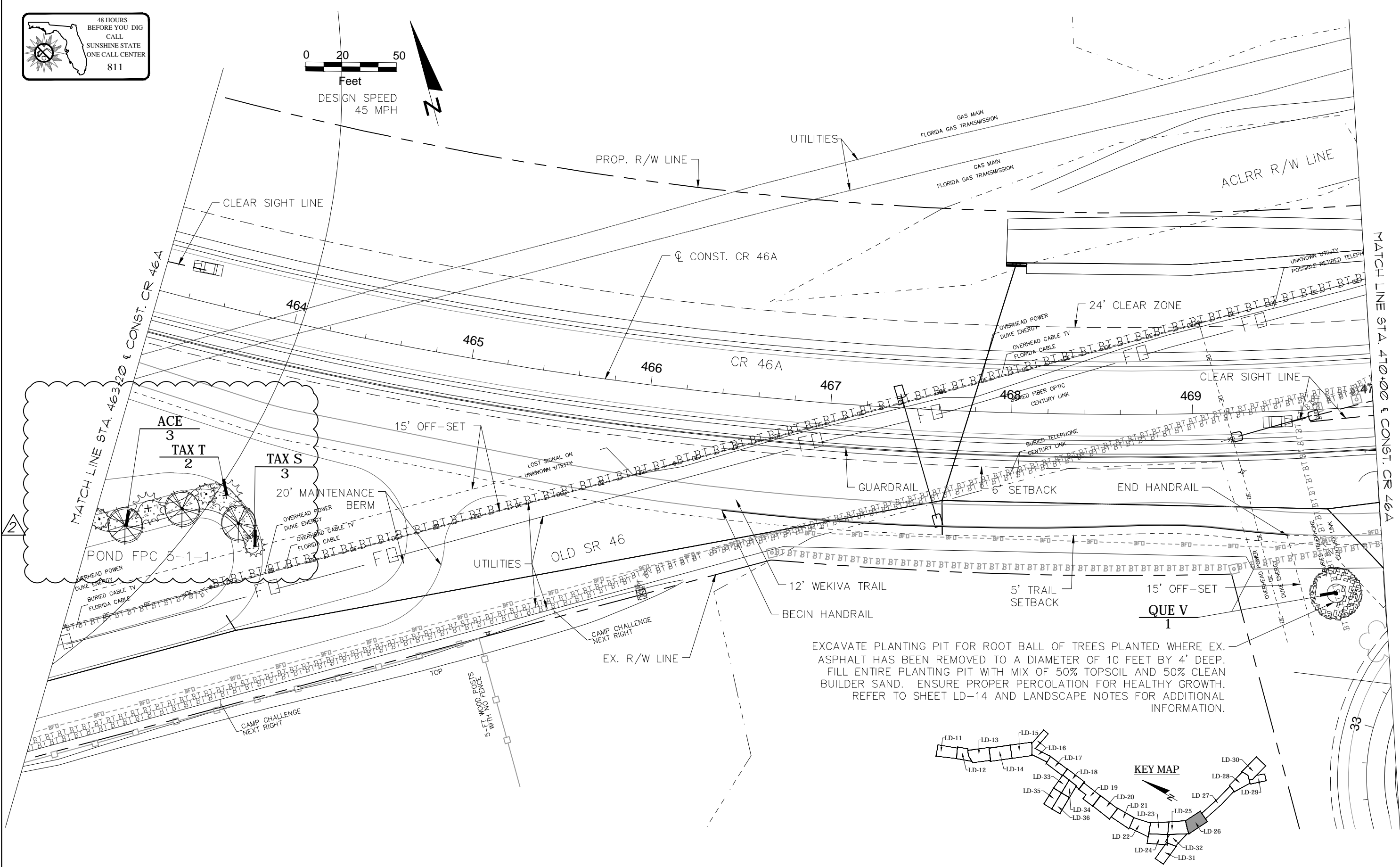
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.



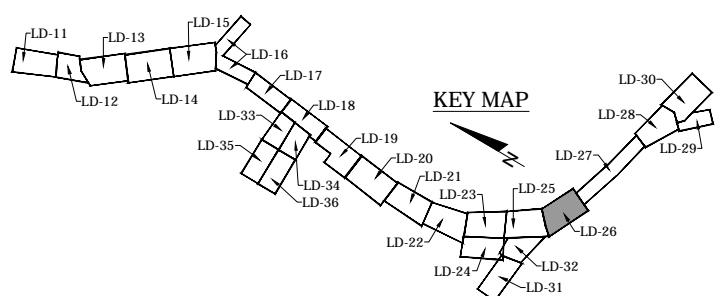




DESIGN SPEED  
45 MPH



EXCAVATE PLANTING PIT FOR ROOT BALL OF TREES PLANTED WHERE EX. ASPHALT HAS BEEN REMOVED TO A DIAMETER OF 10 FEET BY 4' DEEP. FILL ENTIRE PLANTING PIT WITH MIX OF 50% TOPSOIL AND 50% CLEAN BUILDER SAND. ENSURE PROPER PERCOLATION FOR HEALTHY GROWTH. REFER TO SHEET LD-14 AND LANDSCAPE NOTES FOR ADDITIONAL INFORMATION.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
9/25/20	JCR	ADD PLANT LABELS			

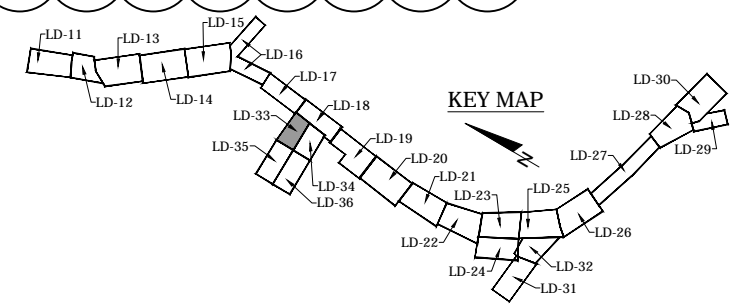
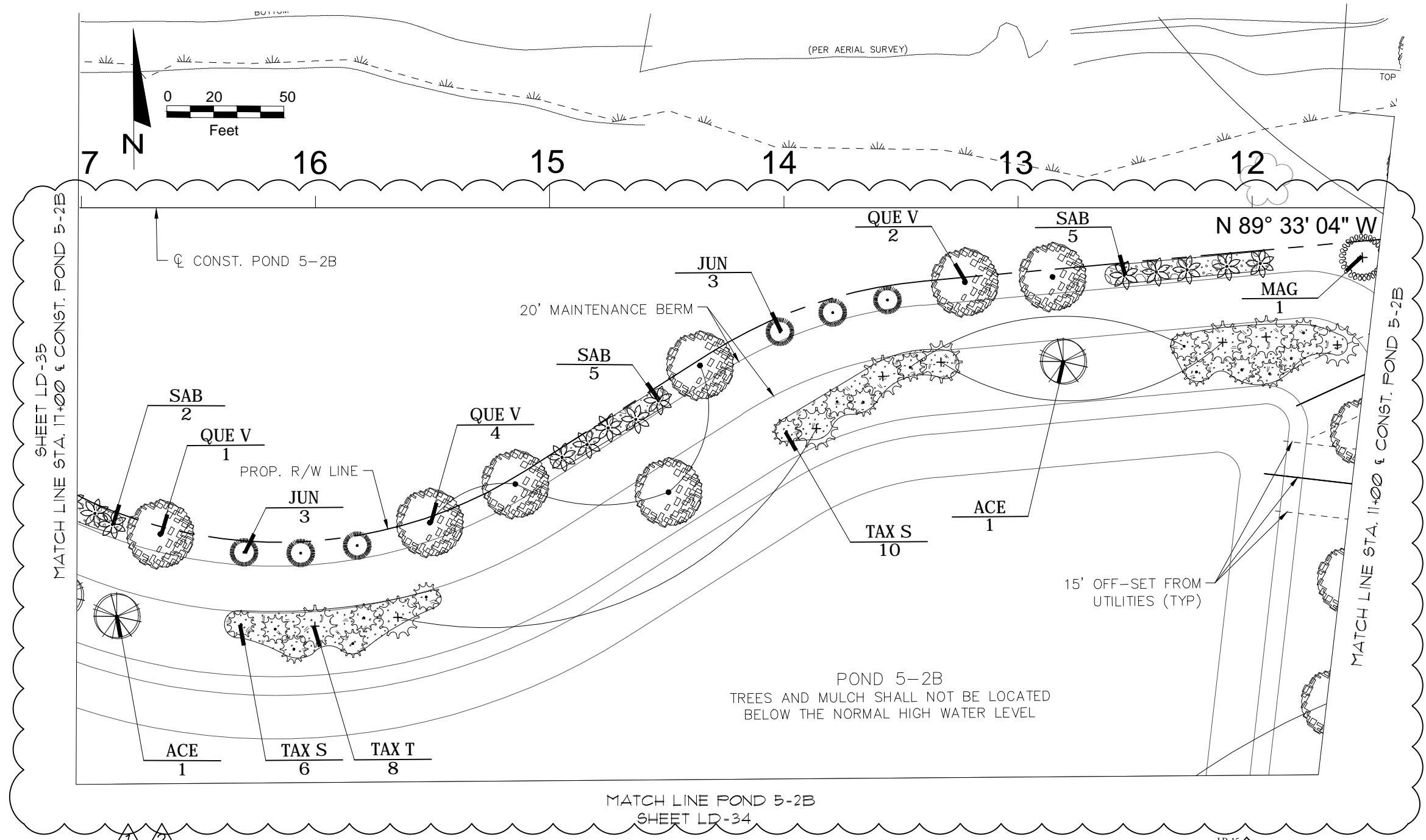
prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

**LANDSCAPE PLAN (16)**

SHEET NO.  
**LD-26**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
8/19/20	JCR	ADDN TREE BUFFERS			
9/25/20	JCR	ADDN TREE BUFFERS			

prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

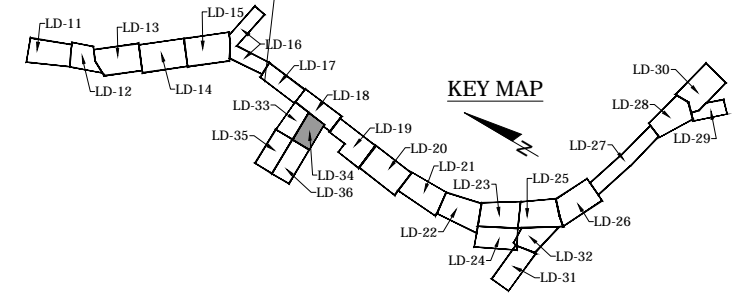
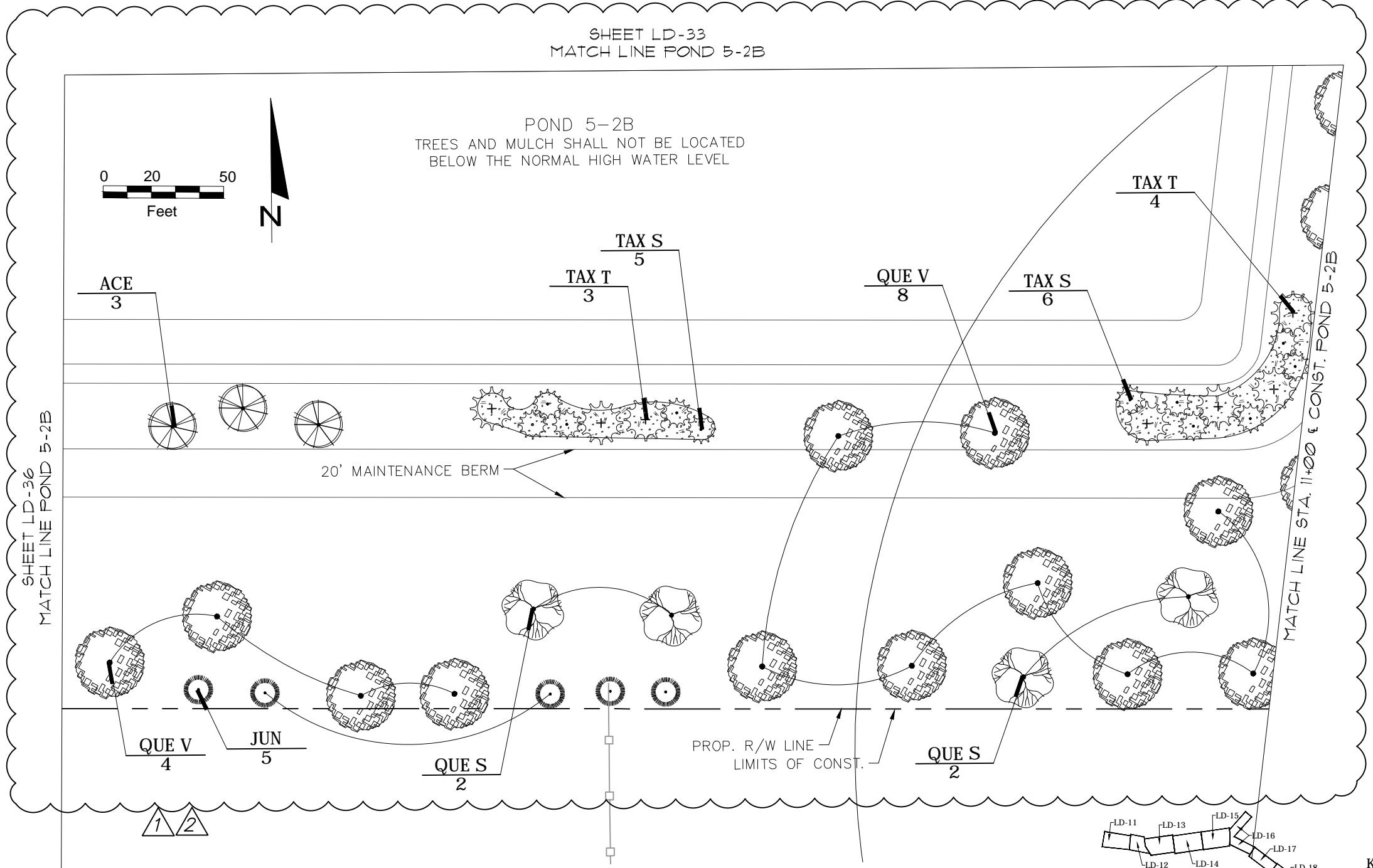
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

**LANDSCAPE PLAN (23)**

SHEET NO.  
**LD-33**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

SHEET LD-33  
MATCH LINE POND 5-2B



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
8/19/20	JCR	ADDN TREE BUFFERS			
9/25/20	JCR	ADDN TREE BUFFERS			

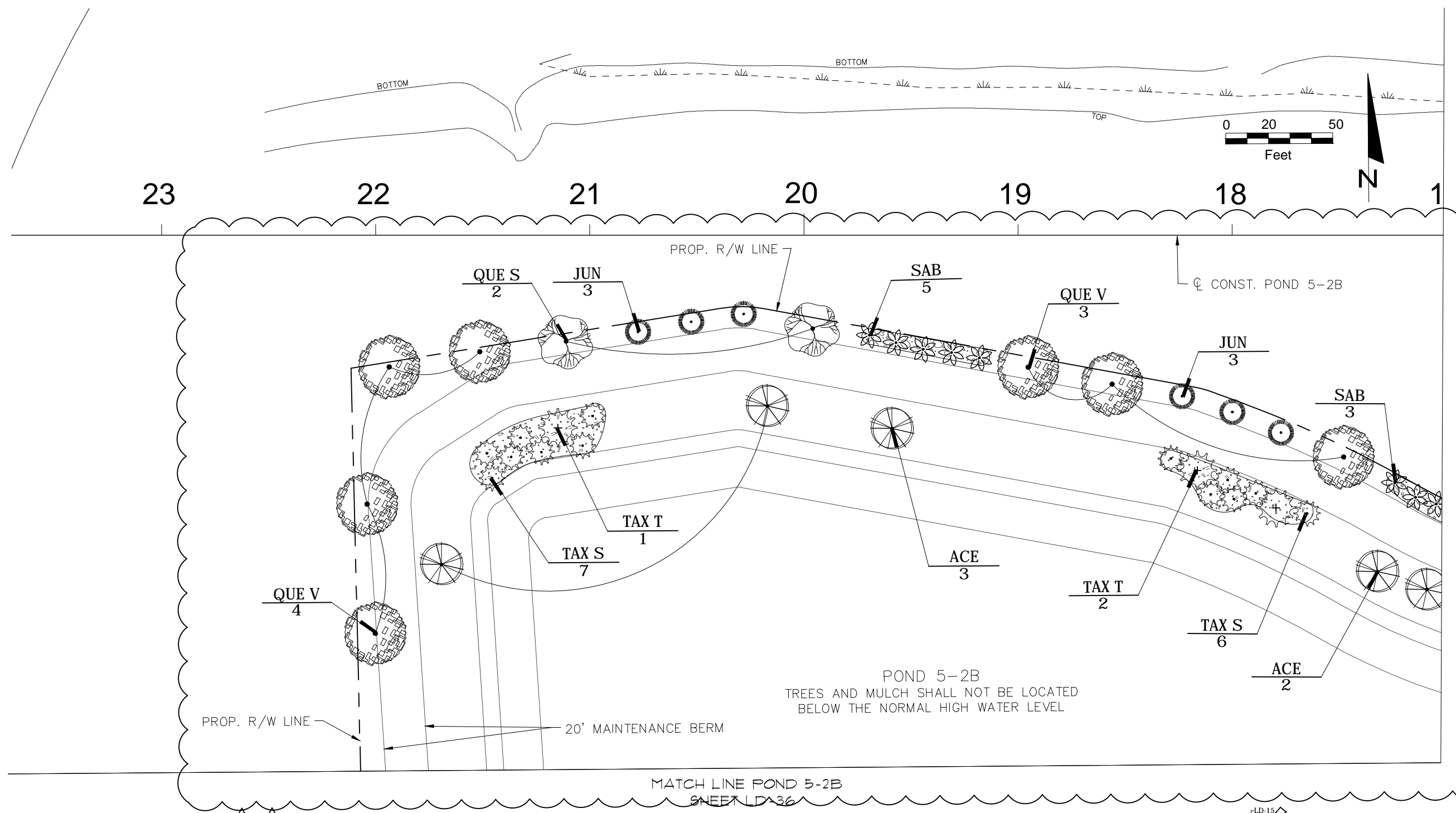
prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

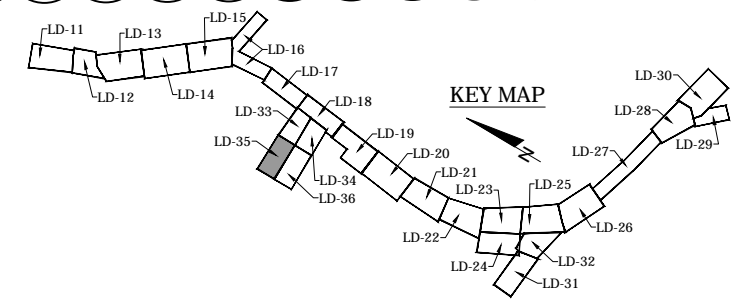
**LANDSCAPE PLAN (24)**

SHEET NO.  
**LD-34**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.



POND 5-2B  
TREES AND MULCH SHALL NOT BE LOCATED  
BELOW THE NORMAL HIGH WATER LEVEL



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
8/19/20	JCR	ADDN TREE BUFFERS			
9/25/20	JCR	ADDN TREE BUFFERS			

prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

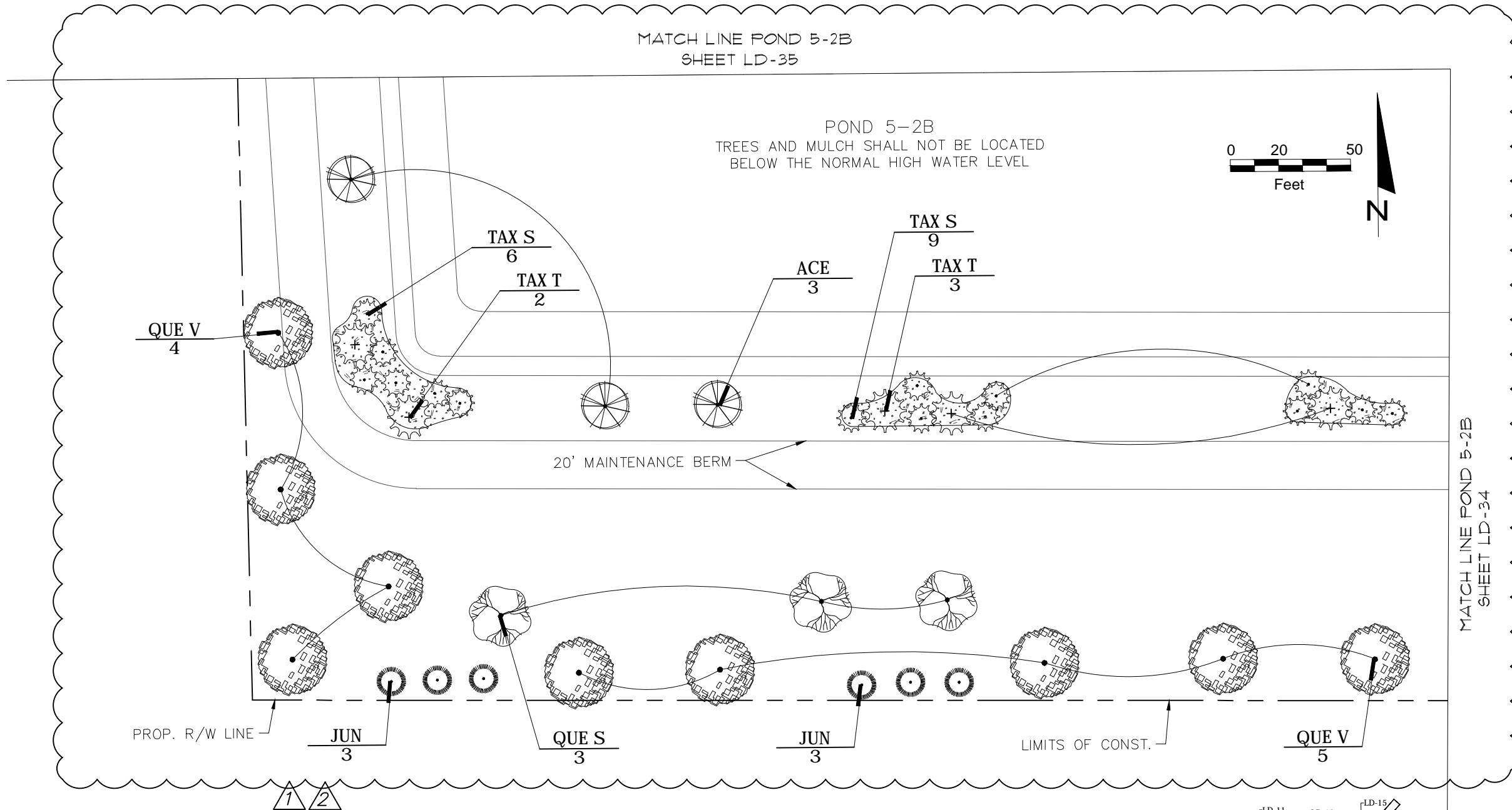
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

**LANDSCAPE PLAN (25)**

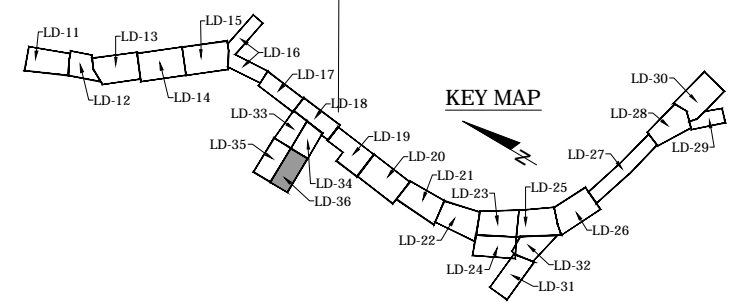
SHEET NO.  
**LD-35**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

MATCH LINE POND 5-2B  
SHEET LD-35



MATCH LINE POND 5-2B  
SHEET LD-34



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
8/19/20	JCR	ADDN TREE BUFFERS			
9/25/20	JCR	ADDN TREE BUFFERS			

prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

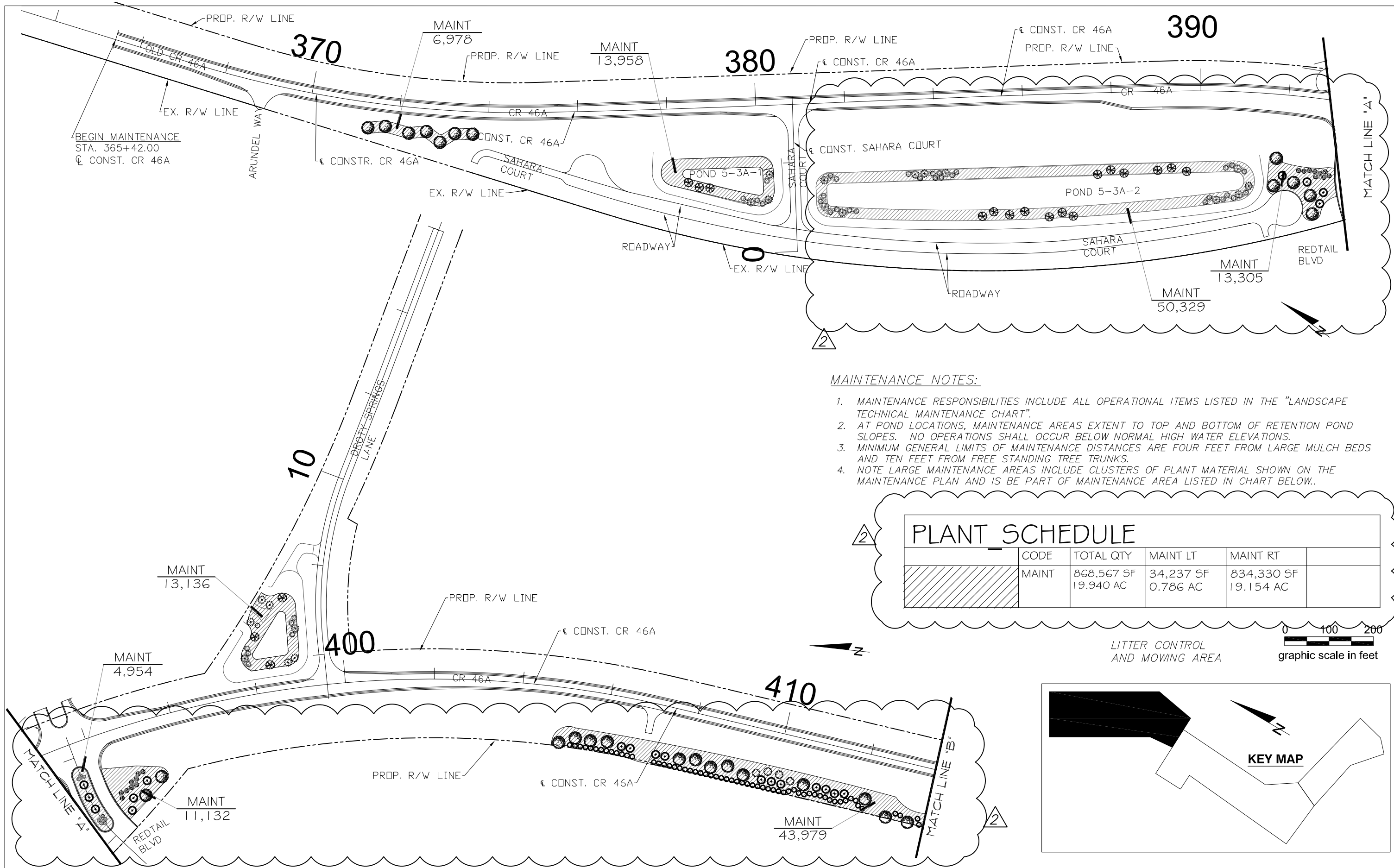
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

**LANDSCAPE PLAN (26)**

SHEET NO.  
**LD-36**

\$USER\$ \$DATES\$ \$TIME\$ \$FILE\$

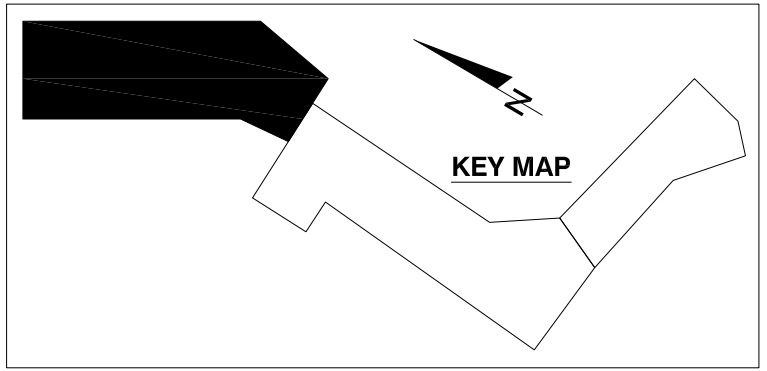
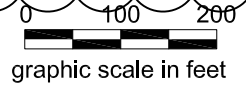
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.



**MAINTENANCE NOTES:**

1. MAINTENANCE RESPONSIBILITIES INCLUDE ALL OPERATIONAL ITEMS LISTED IN THE "LANDSCAPE TECHNICAL MAINTENANCE CHART".
2. AT POND LOCATIONS, MAINTENANCE AREAS EXTENT TO TOP AND BOTTOM OF RETENTION POND SLOPES. NO OPERATIONS SHALL OCCUR BELOW NORMAL HIGH WATER ELEVATIONS.
3. MINIMUM GENERAL LIMITS OF MAINTENANCE DISTANCES ARE FOUR FEET FROM LARGE MULCH BEDS AND TEN FEET FROM FREE STANDING TREE TRUNKS.
4. NOTE LARGE MAINTENANCE AREAS INCLUDE CLUSTERS OF PLANT MATERIAL SHOWN ON THE MAINTENANCE PLAN AND IS BE PART OF MAINTENANCE AREA LISTED IN CHART BELOW.

PLANT SCHEDULE					
	CODE	TOTAL QTY	MAINT LT	MAINT RT	
	MAINT	868,567 SF 19.940 AC	34,237 SF 0.786 AC	834,330 SF 19.154 AC	



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
9/25/20	JCR	ADDN MAINT AREAS FOR TREE BUFFERS			

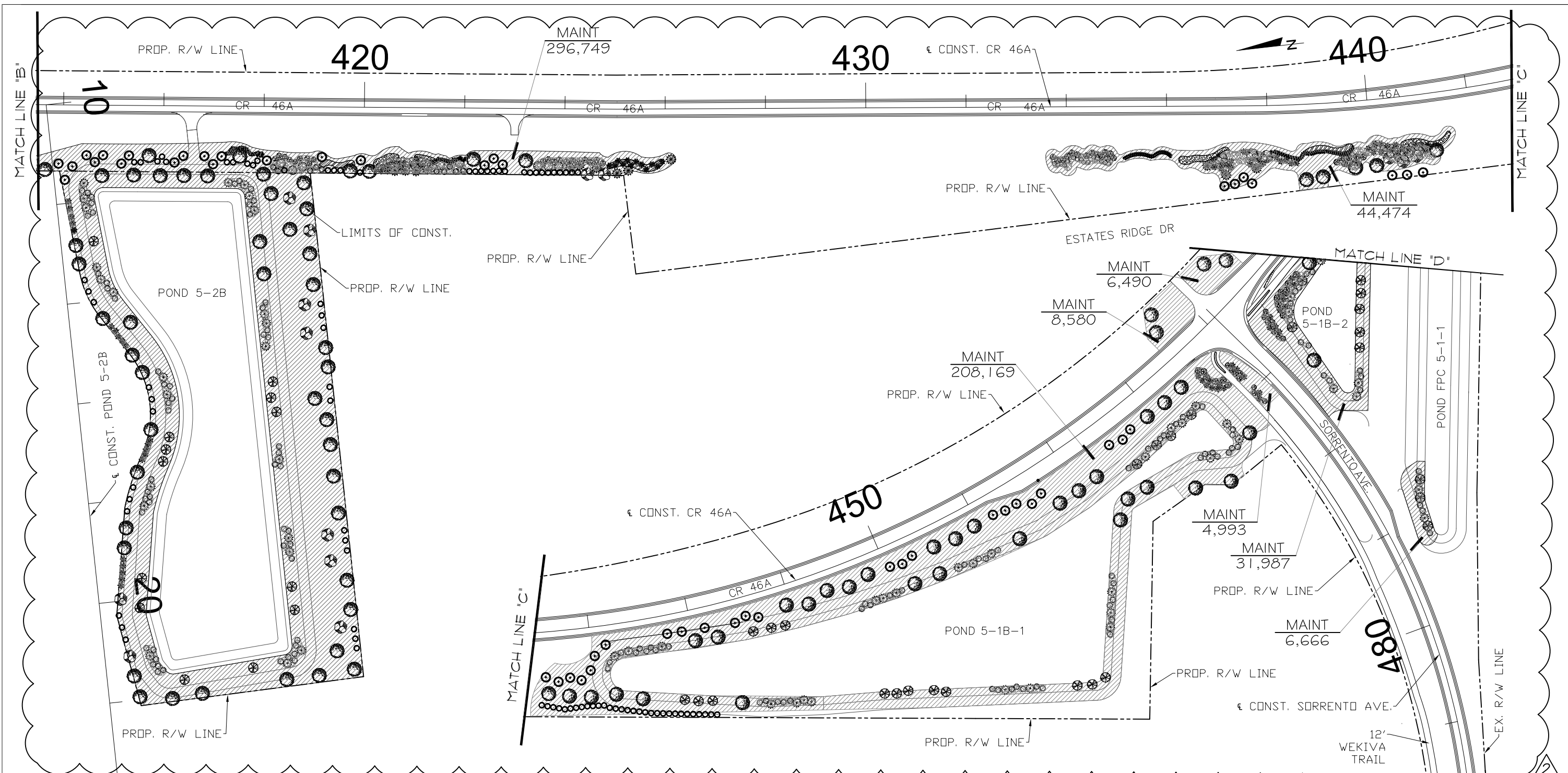
prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

**MAINTENANCE BOUNDARY (1)**

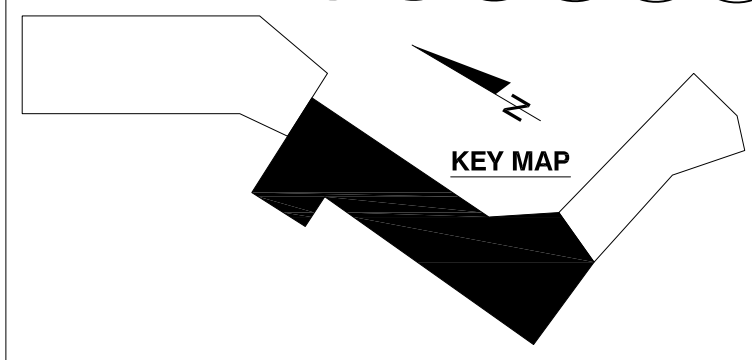
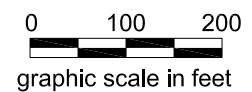
SHEET NO.  
M-1

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.



**LEGEND:**

 LITTER CONTROL AND MOWING AREA



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
9/25/20	JCR	ADDN MAINT AREAS FOR TREE BUFFERS			

prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

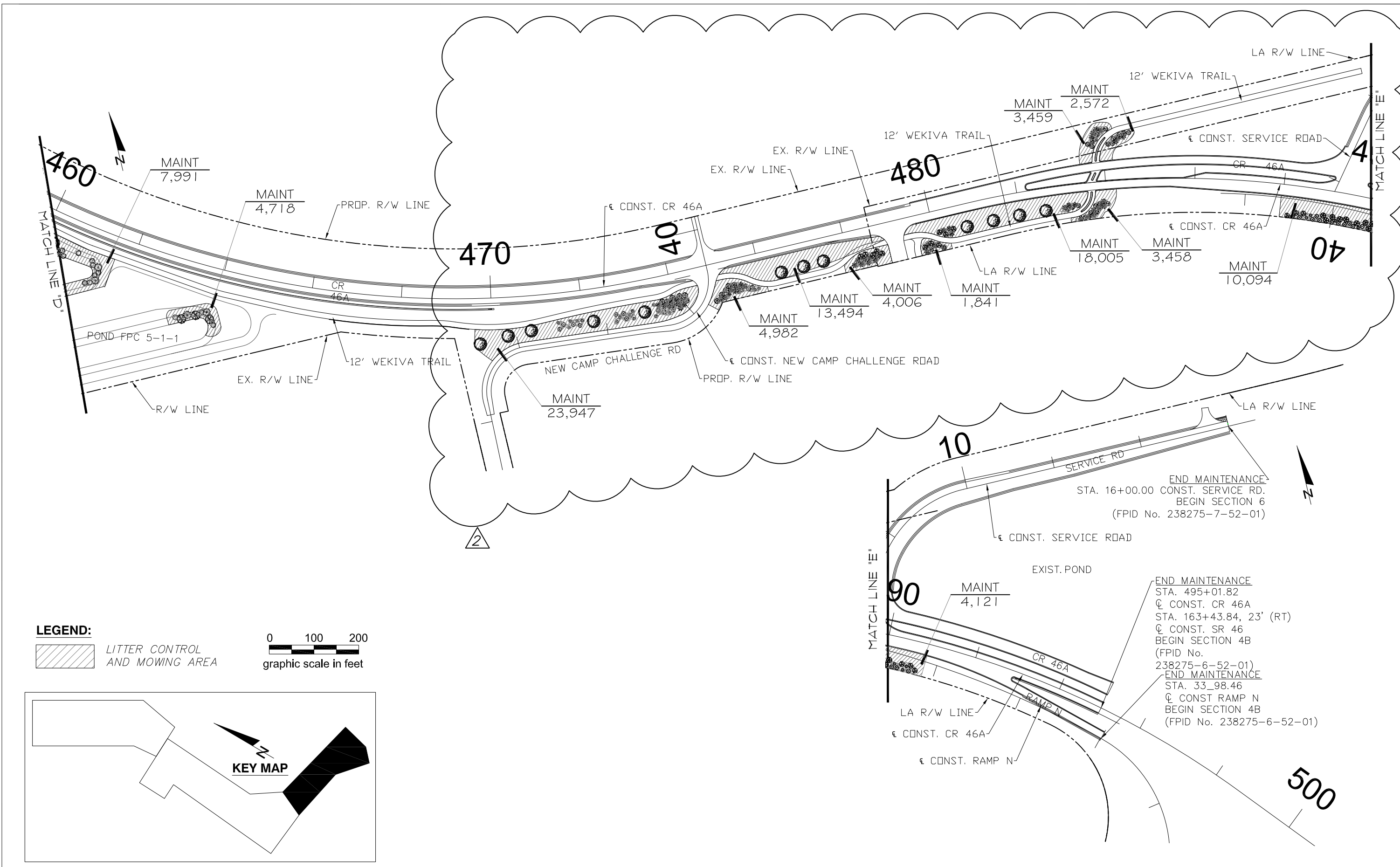
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

**MAINTENANCE BOUNDARY (2)**

SHEET NO.  
M-2

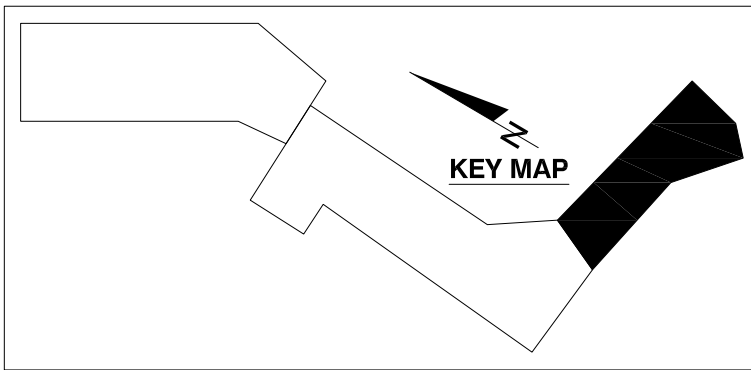
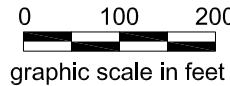
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.






**LEGEND:**

 LITTER CONTROL AND MOWING AREA



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
9/25/20	JCR	 ADDN MAINT AREAS FOR TREE BUFFERS			

prepared by:  
**JCR CONSULTING**  
 P.O. BOX 941994  
 MAITLAND, FLORIDA 32794  
 Ph (407) 644-5297 Fax (407) 644-3274  
  
**JOAN RANDOLPH, R.L.A.**  
 FLORIDA REG. RLA #0000576

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
CR 46A	LAKE	437114-5-52-01

**MAINTENANCE BOUNDARY (3)**

SHEET NO.  
M-3

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.