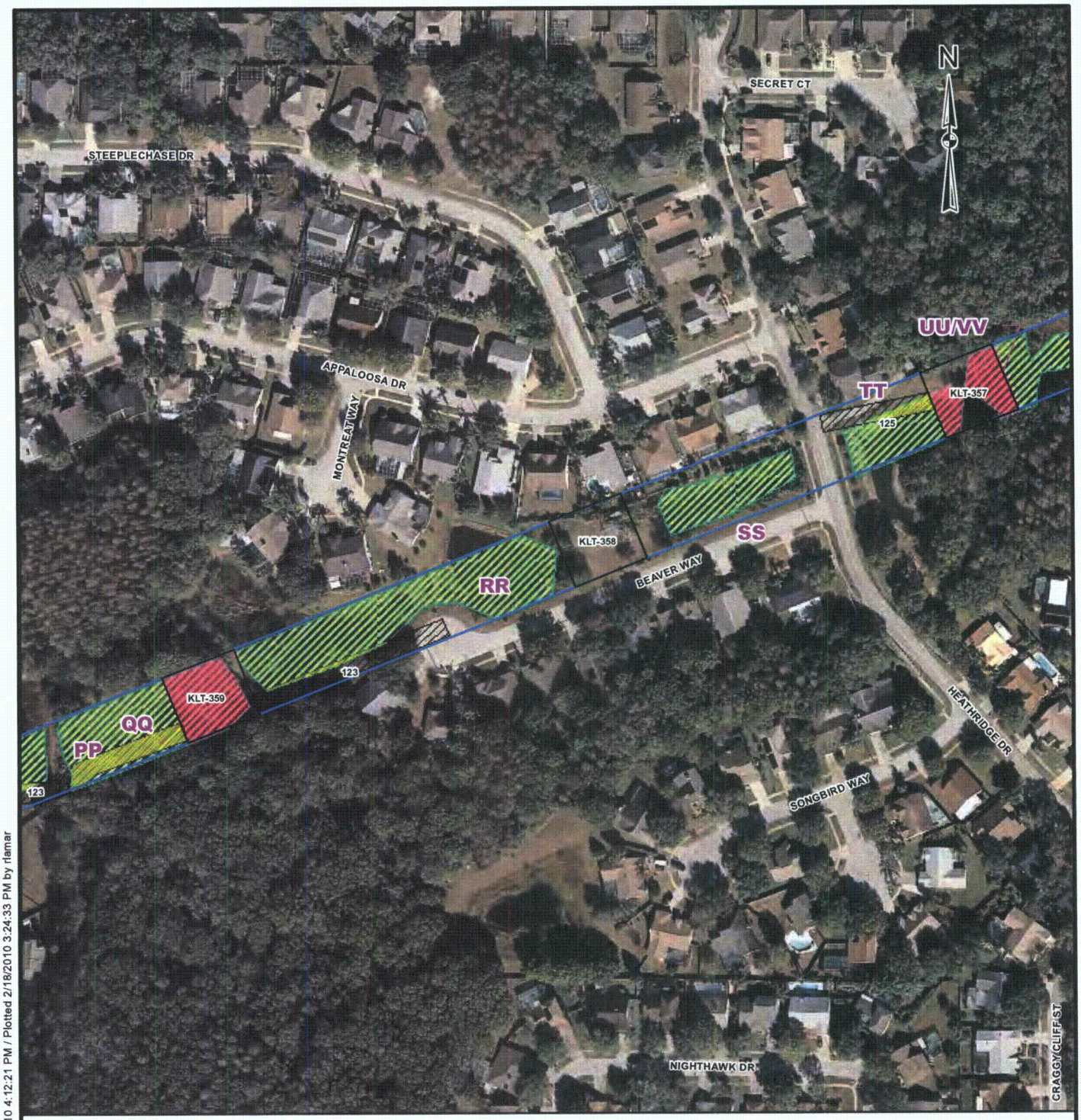

LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
- Access Roads Wetland Impact Areas
- PHP Access Roads
- Forested Wetland Clearing Impacts
- Surveyed Wetland Boundaries

0 100 200 400 Feet

REFERENCES

1. Wetland boundaries, MACTEC, 2010.
2. Wetland impacts, Golder Associates Inc., 2010.
3. Pad Locations, Access Roads, Patrick Engineering, 2010.

NOTES

See wetland survey for acreages of wetlands.
For impact acreages see attached tables.

Golder Associates
Gainesville, Florida

FILE No.	09389547Z001
PROJECT No.	093-89547
REV.	1
SCALE	AS SHOWN
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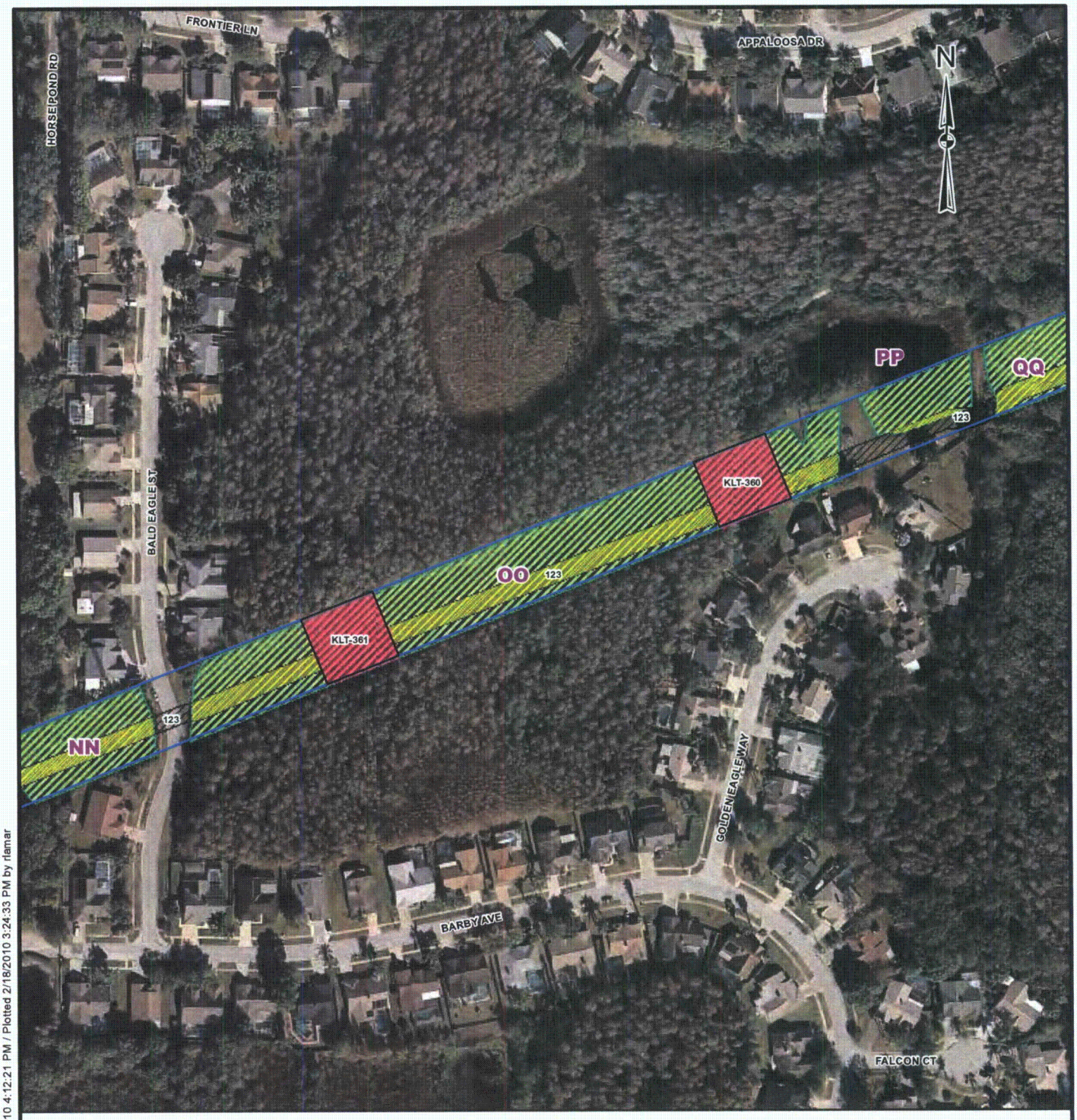
DESIGN	KAB
GIS	NRL
CHECK	SR
REVIEW	KAB

POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 167 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rlamar



LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
- Access Roads Wetland Impact Areas
- PHP Access Roads
- Forested Wetland Clearing Impacts
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0 100 200 400 Feet

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Golder Associates
Gainesville, Florida

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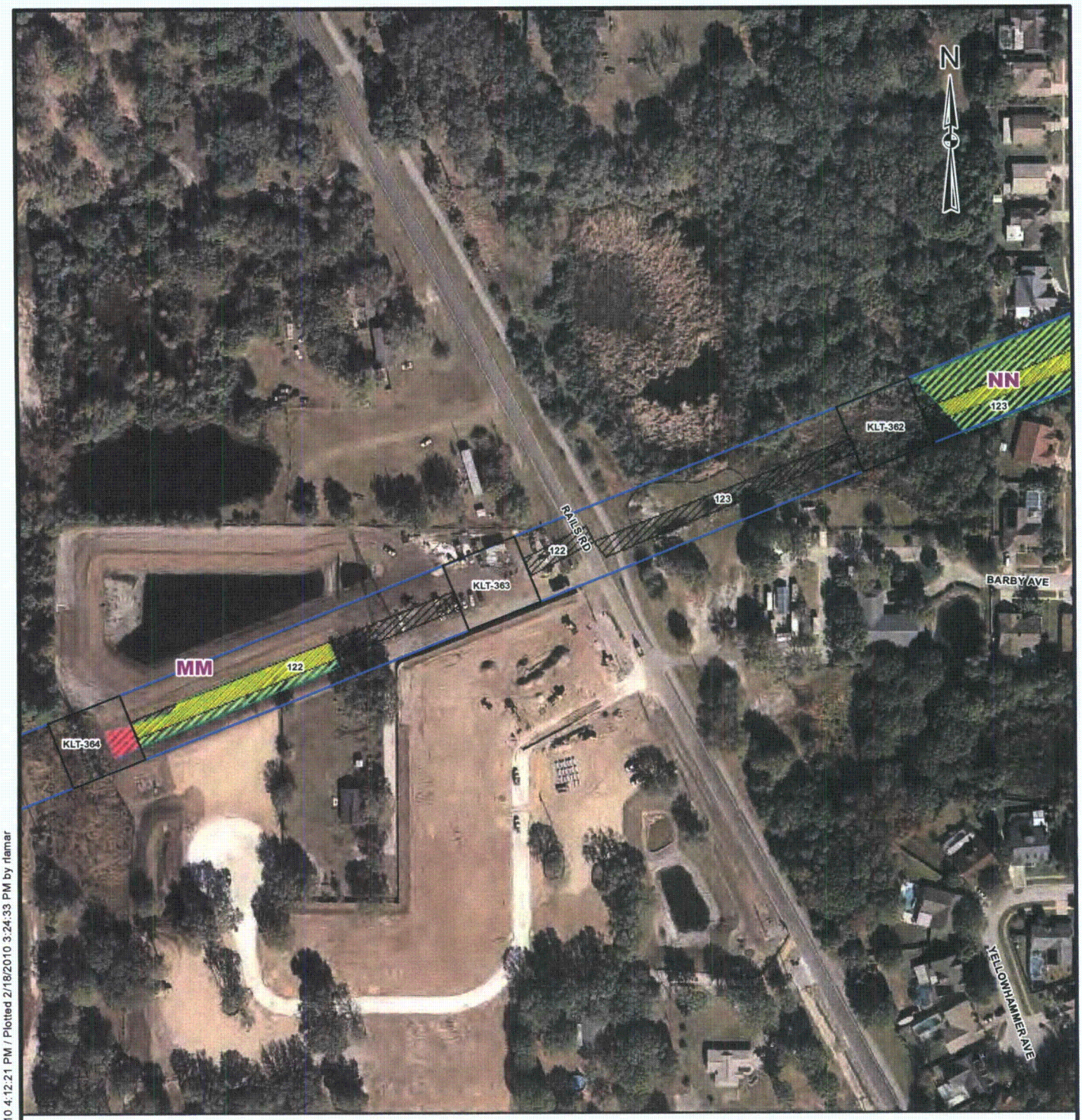
REVIEW	KAB

POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 168 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rlamar



LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
- Access Roads Wetland Impact Areas
- PHP Access Roads
- Forested Wetland Clearing Impacts
- Surveyed Wetland Boundaries

0 100 200 400 Feet

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Gainesville, Florida

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CHECK	SR
REVIEW	KAB

POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

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LEVY BASELOAD PROJECT

FIGURE 169 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rlamar

LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
- Access Roads Wetland Impact Areas
- PHP Access Roads
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- Surveyed Wetland Boundaries

0 100 200 400 Feet

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Golder Associates
Gainesville, Florida

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DESIGN	KAB
GIS	NRL
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REVIEW	KAB
FILE No.	09389547Z001
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POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
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FIGURE 170 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rlamar

LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
- Access Roads Wetland Impact Areas
- PHP Access Roads
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REV.	1
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REVIEW	KAB

POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
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FIGURE 171 of 189

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LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
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- PHP Access Roads
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Golder Associates
Gainesville, Florida

SCALE	AS SHOWN
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REVIEW	KAB

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PROJECT No. 093-89547 REV. 1

POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
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FIGURE 172 of 189

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LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
- Access Roads Wetland Impact Areas
- PHP Access Roads
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0 100 200 400 Feet

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Golder Associates
Gainesville, Florida

SCALE	AS SHOWN
DATE	2/18/2010
DESIGN	KAB
GIS	NRL
CHECK	SR
REVIEW	KAB
FILE No.	09389547Z001
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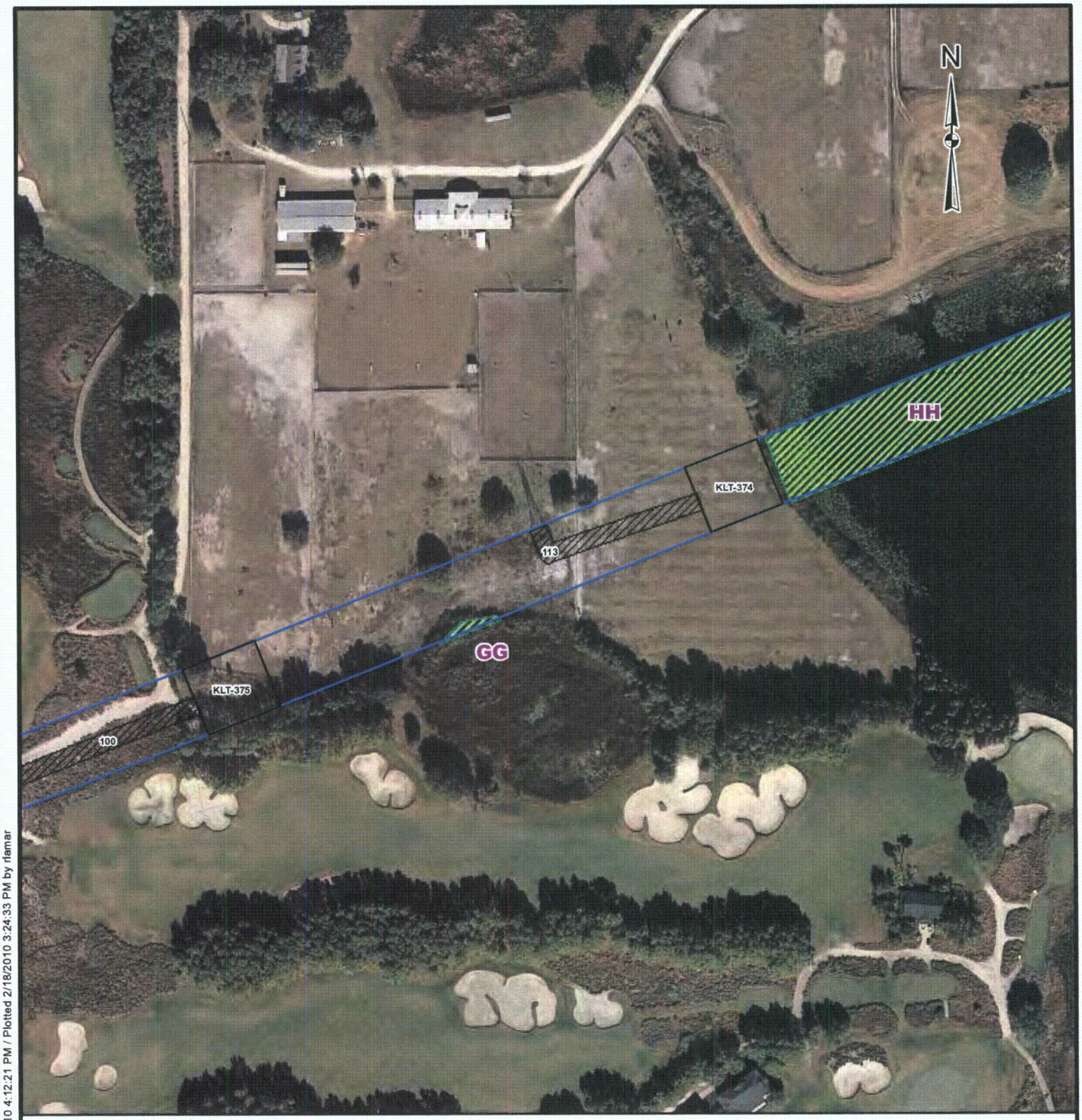
POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 173 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by dlamar



LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
- Access Roads Wetland Impact Areas
- PHP Access Roads
- Forested Wetland Clearing Impacts
- Surveyed Wetland Boundaries

0 100 200 400 Feet

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Golder Associates
Gainesville, Florida

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REVIEW	KAB
FILE No.	09389547Z001
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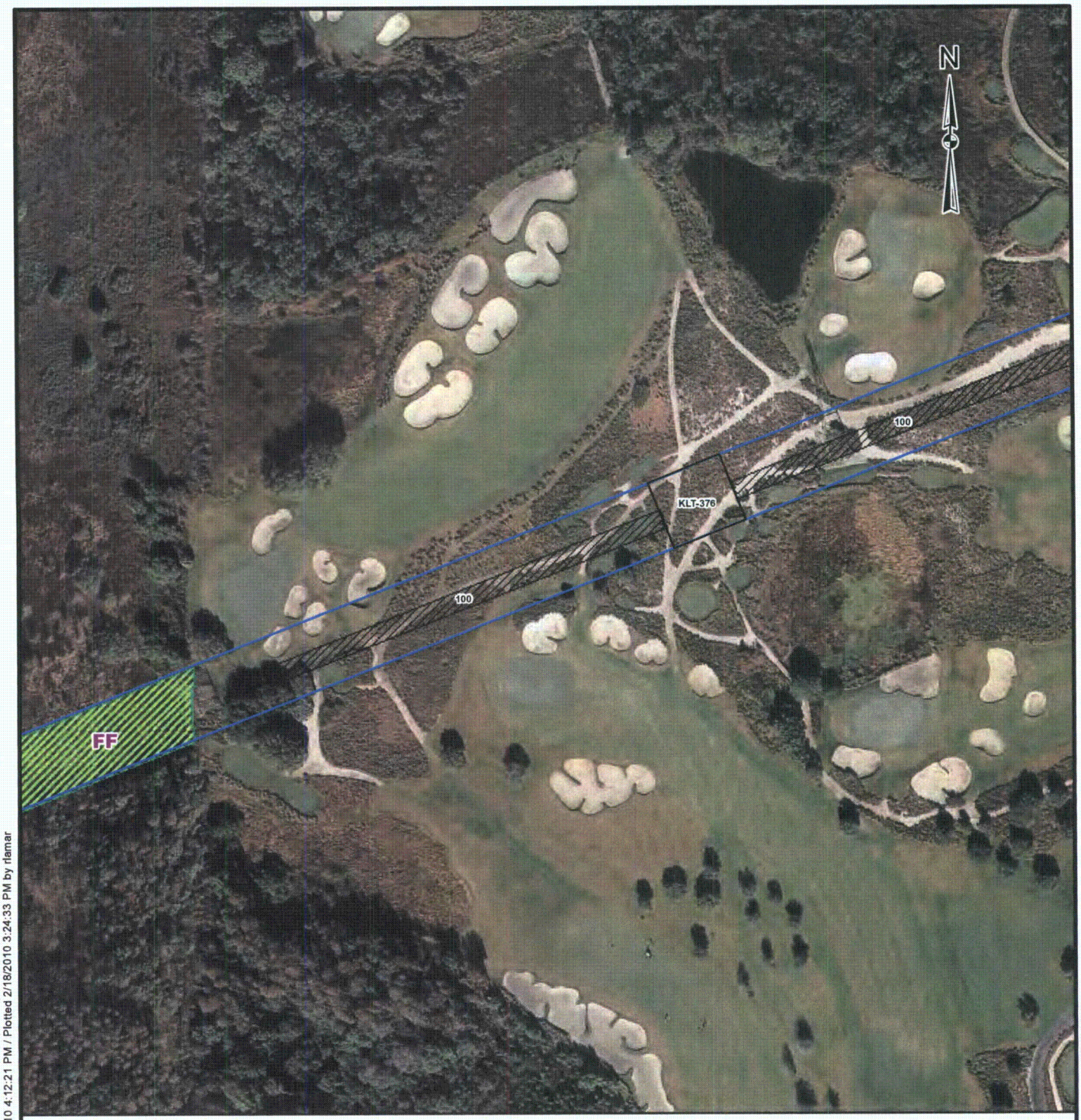
POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by dlamar



LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
- Access Roads Wetland Impact Areas
- PHP Access Roads
- Forested Wetland Clearing Impacts
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0 100 200 400 Feet

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Golder Associates
Gainesville, Florida

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REVIEW	KAB

POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
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FIGURE 175 of 189

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LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
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- PHP Access Roads
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0 100 200 400 Feet

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GIS	NRL
CHECK	SR
REVIEW	KAB

POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
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FIGURE 176 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rlamar

LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
- Access Roads Wetland Impact Areas
- PHP Access Roads
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0 100 200 400 Feet

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Gainesville, Florida

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REV.	1
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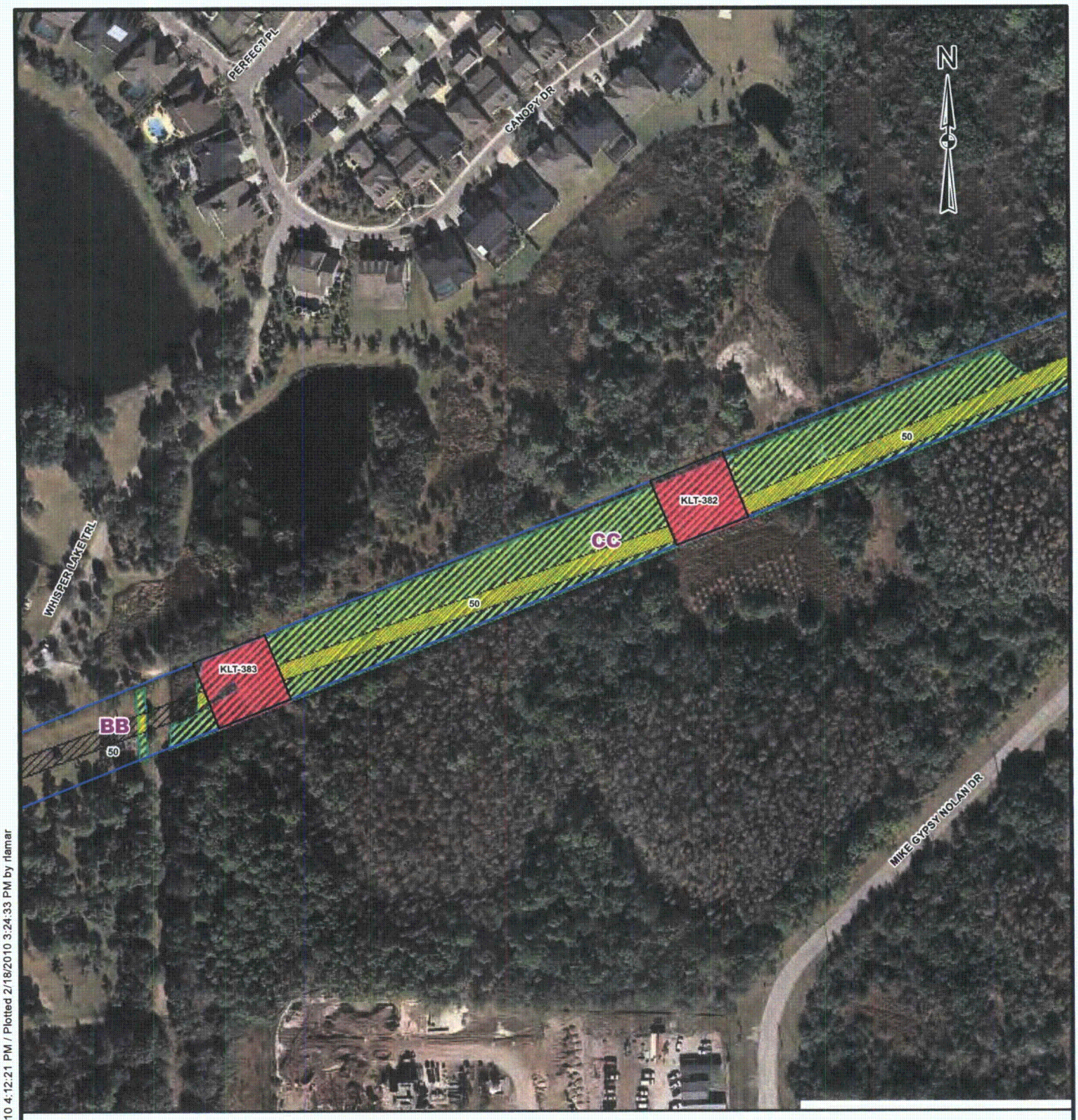
GIS	NRL
CHECK	SR
REVIEW	KAB

POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 177 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rlamar



LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
- Access Roads Wetland Impact Areas
- PHP Access Roads
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- Surveyed Wetland Boundaries

0 100 200 400 Feet

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Golder Associates
Gainesville, Florida

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REV.	1
SCALE	AS SHOWN
DATE	2/18/2010
DESIGN	KAB
GIS	NRL
CHECK	SR
REVIEW	KAB

POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rlamar

LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
- Access Roads Wetland Impact Areas
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0 100 200 400 Feet

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Golder Associates
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SCALE	AS SHOWN
DATE	2/18/2010
DESIGN	KAB
GIS	NRL
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REVIEW	KAB

FILE No.	09389547Z001		
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POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
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FIGURE 179 of 189

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LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
- Access Roads Wetland Impact Areas
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0 100 200 400 Feet

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REVIEW	KAB

POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
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FIGURE 180 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rlamar

LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
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0 100 200 400 Feet

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POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
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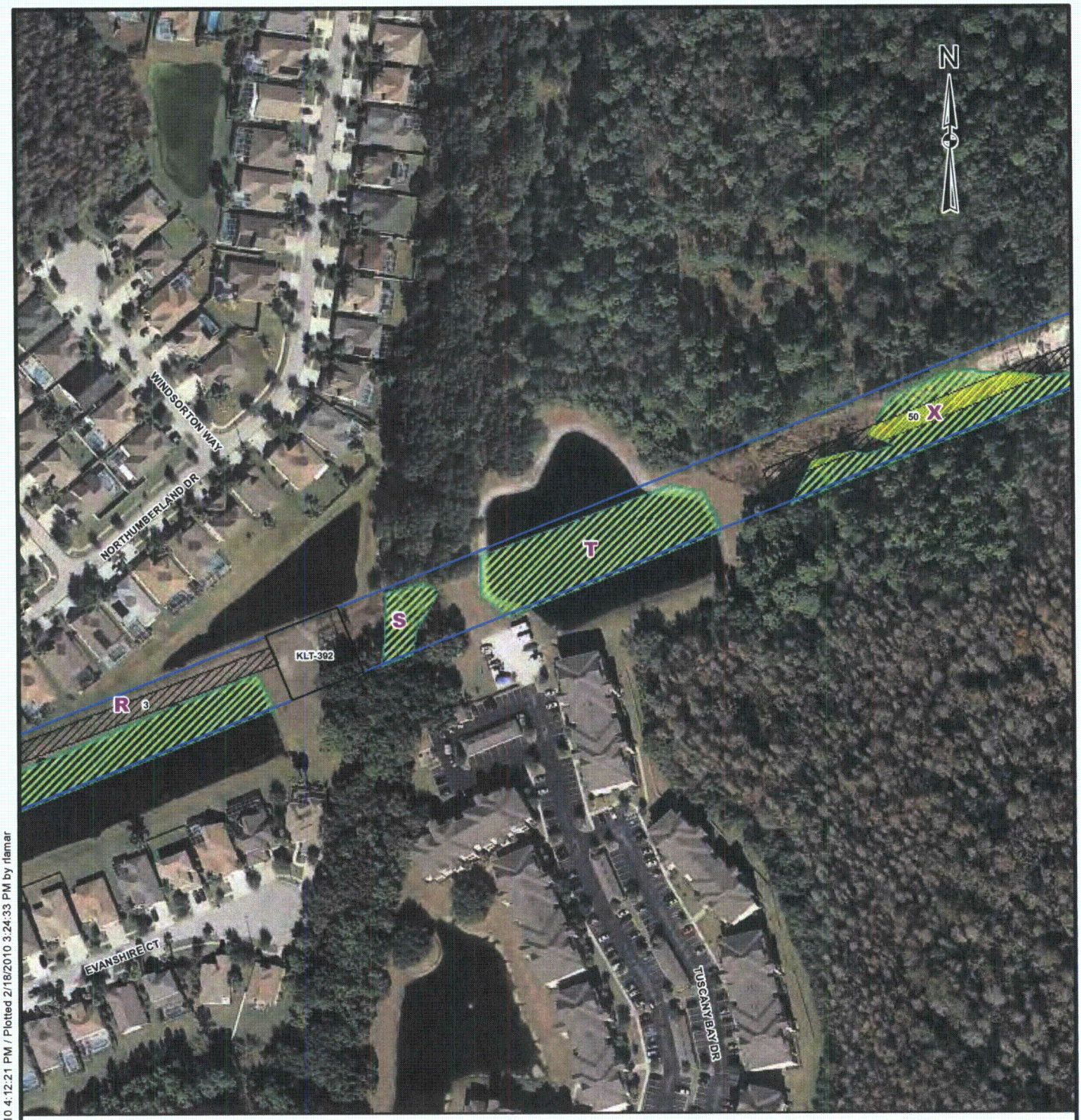
FIGURE 181 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rlamar



LEGEND

- PHP Pad Locations
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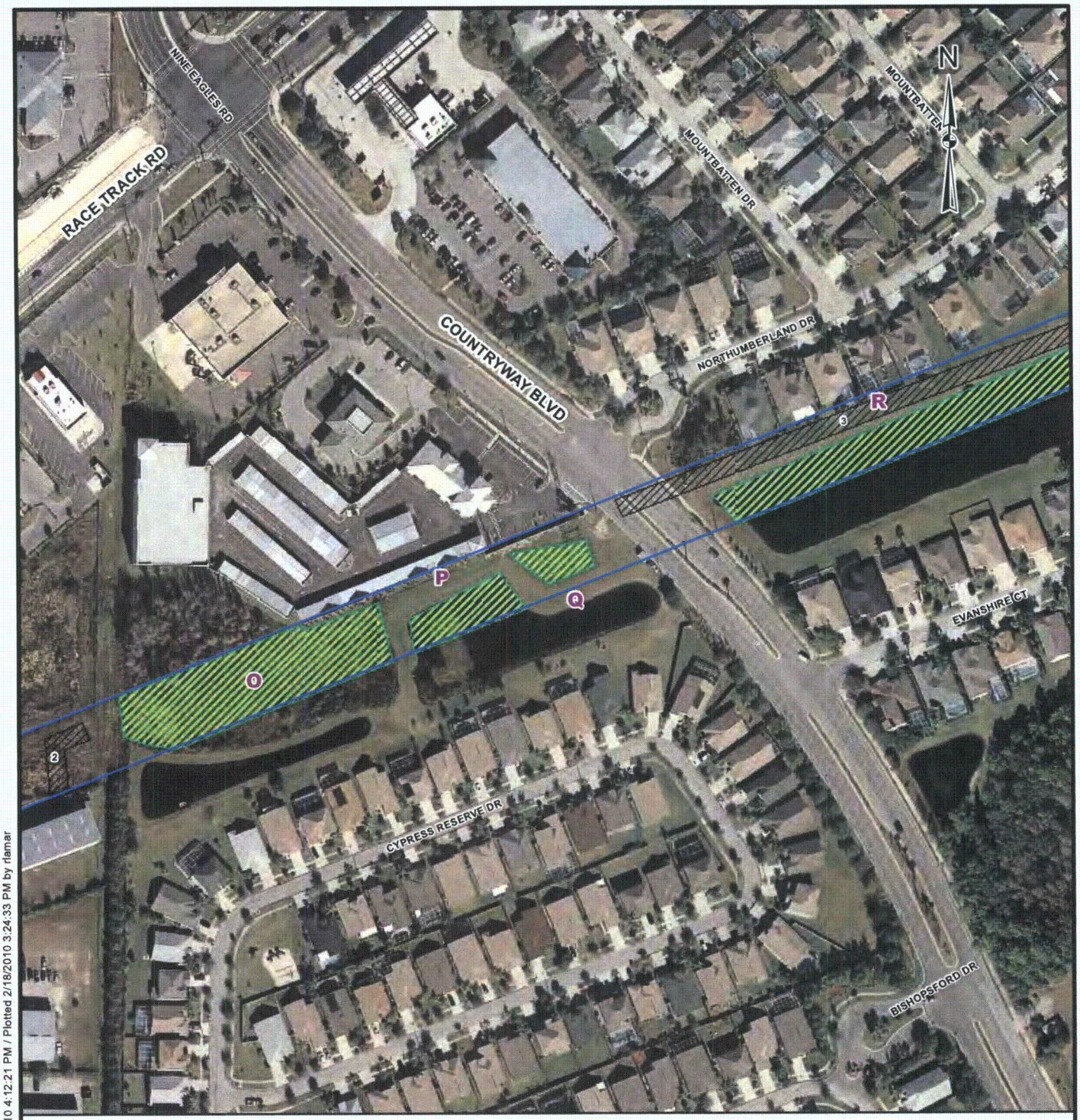
REVIEW	KAB

POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 182 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rlamar



LEGEND

- PHP Pad Locations
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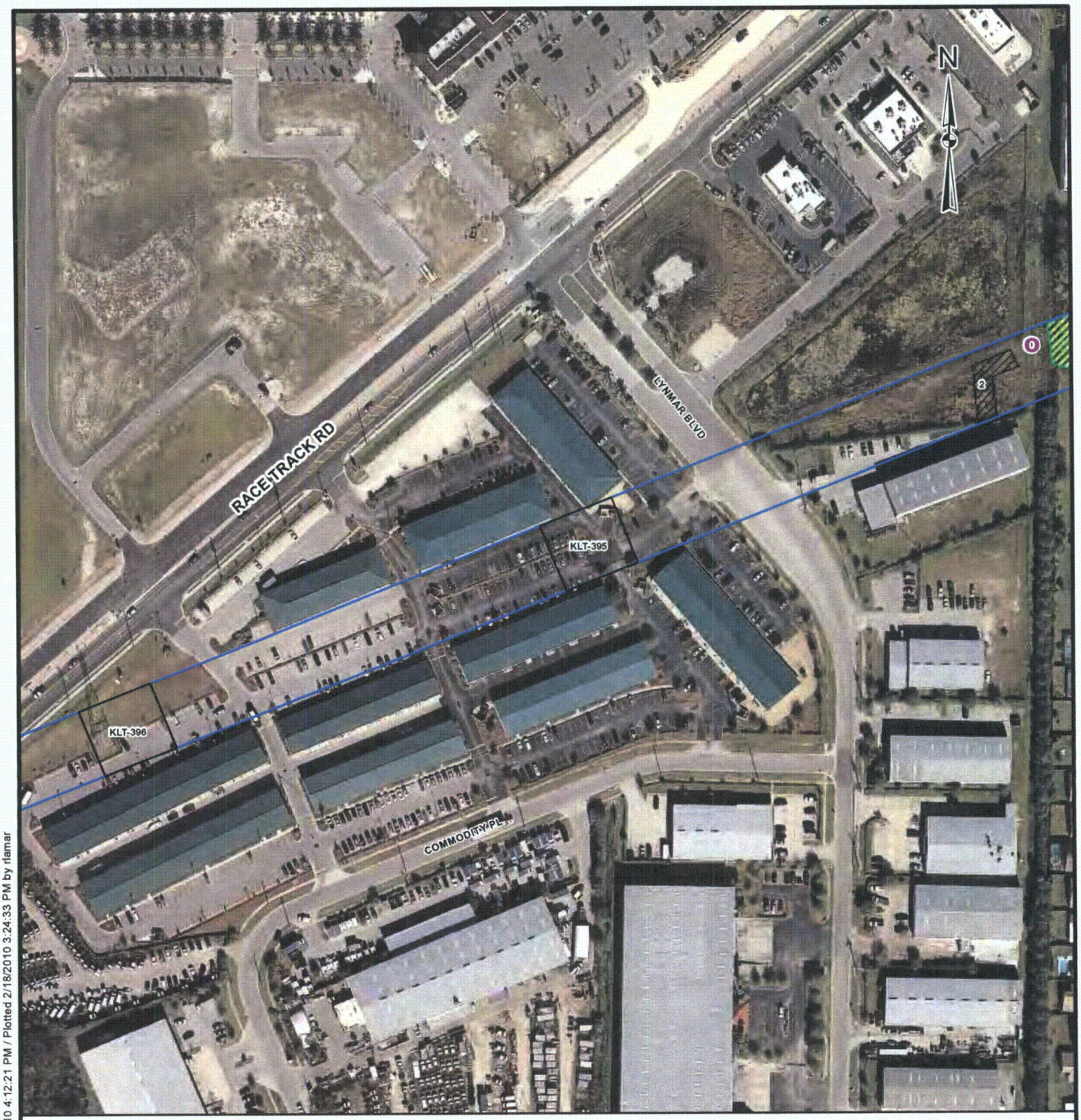
REVIEW	KAB

POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 183 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rlamar



LEGEND

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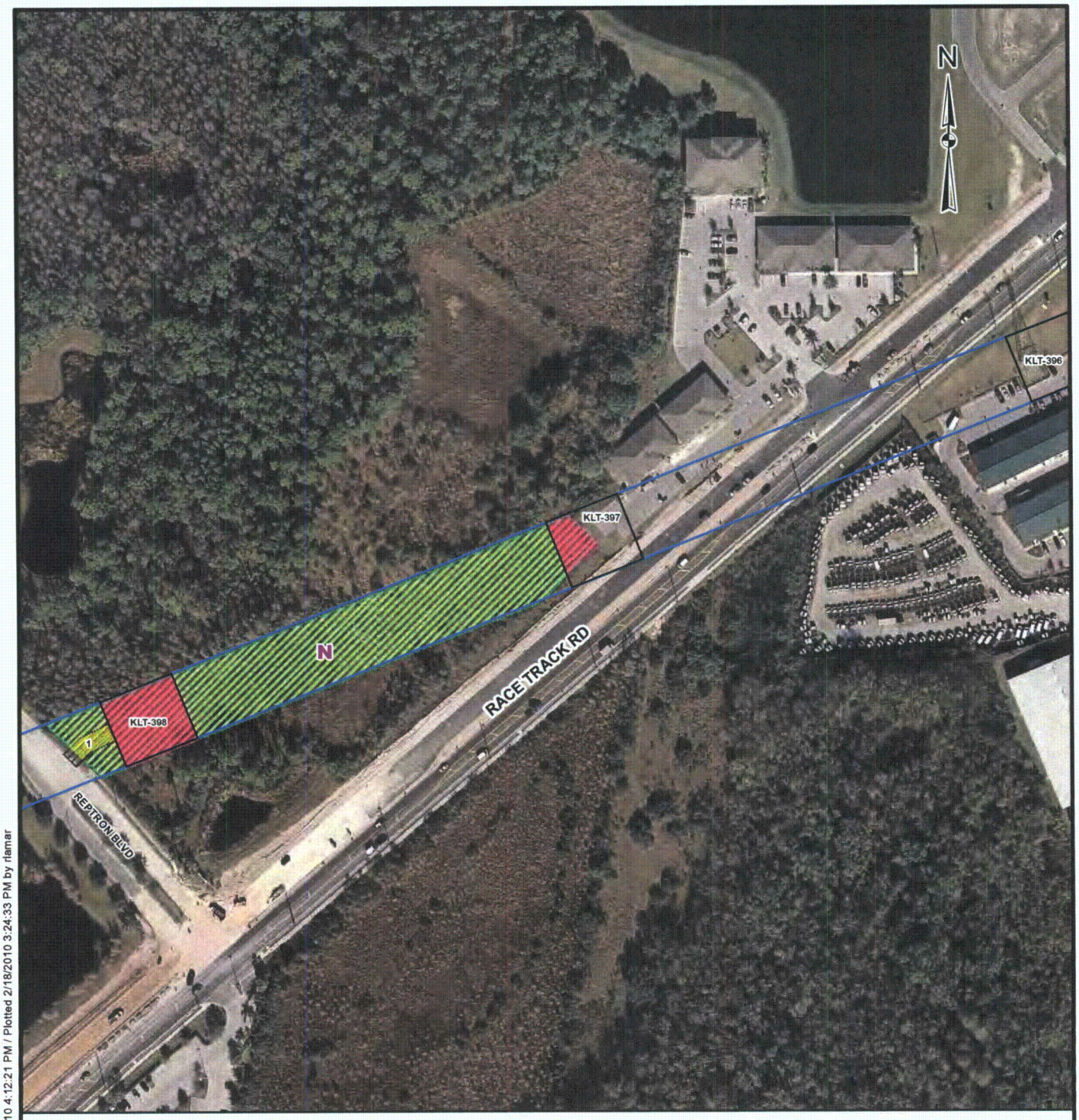
REVIEW	KAB

POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 184 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rlamar



LEGEND

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REVIEW	KAB

POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
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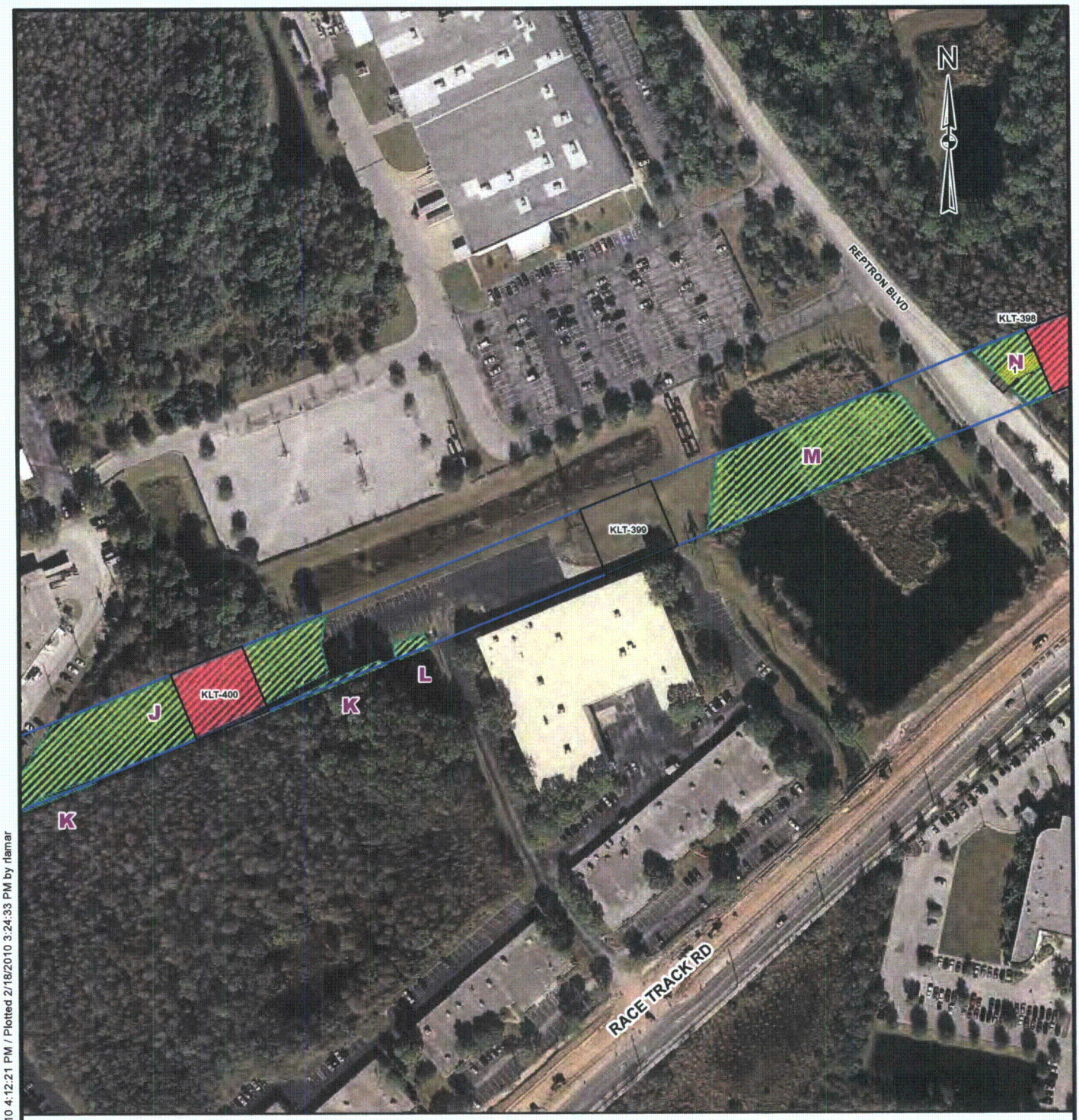
FIGURE 185 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rtamar



LEGEND

- PHP Pad Locations
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Golder Associates
Gainesville, Florida

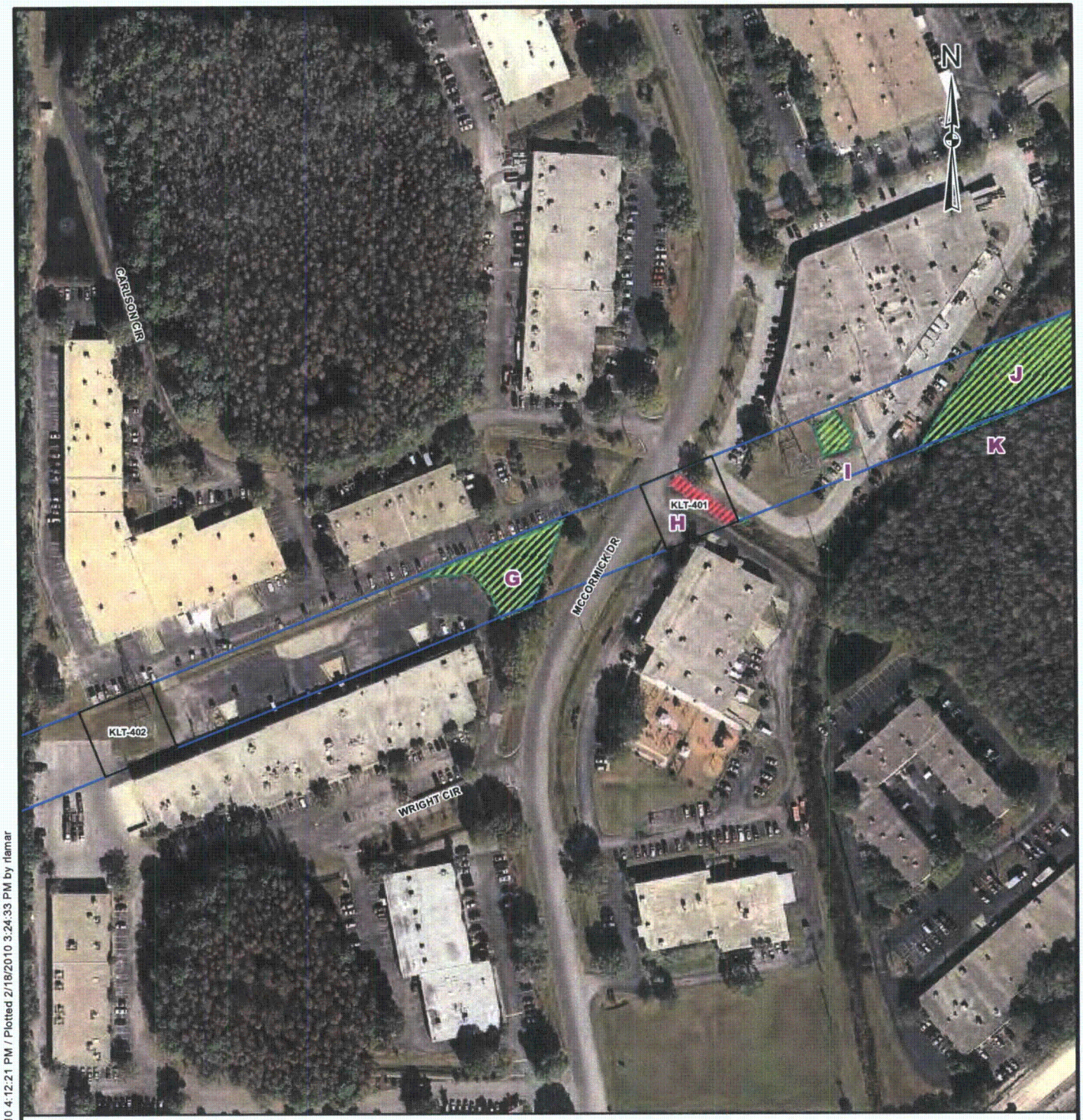
FILE No.	09389547Z001
PROJECT No.	093-89547
REV.	1
SCALE	AS SHOWN
DATE	2/18/2010
DESIGN	KAB
GIS	NRL
CHECK	SR
REVIEW	KAB

POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 186 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rlamar



LEGEND

- PHP Pad Locations
- PHP Right-of-Way
- Structure Pad Wetland Fill Impacts
- Access Roads Wetland Impact Areas
- PHP Access Roads
- Forested Wetland Clearing Impacts
- Surveyed Wetland Boundaries

0 100 200 400 Feet

REFERENCES

1. Wetland boundaries, MACTEC, 2010.
2. Wetland impacts, Golder Associates Inc., 2010.
3. Pad Locations, Access Roads, Patrick Engineering, 2010.

NOTES

See wetland survey for acreages of wetlands.
For impact acreages see attached tables.

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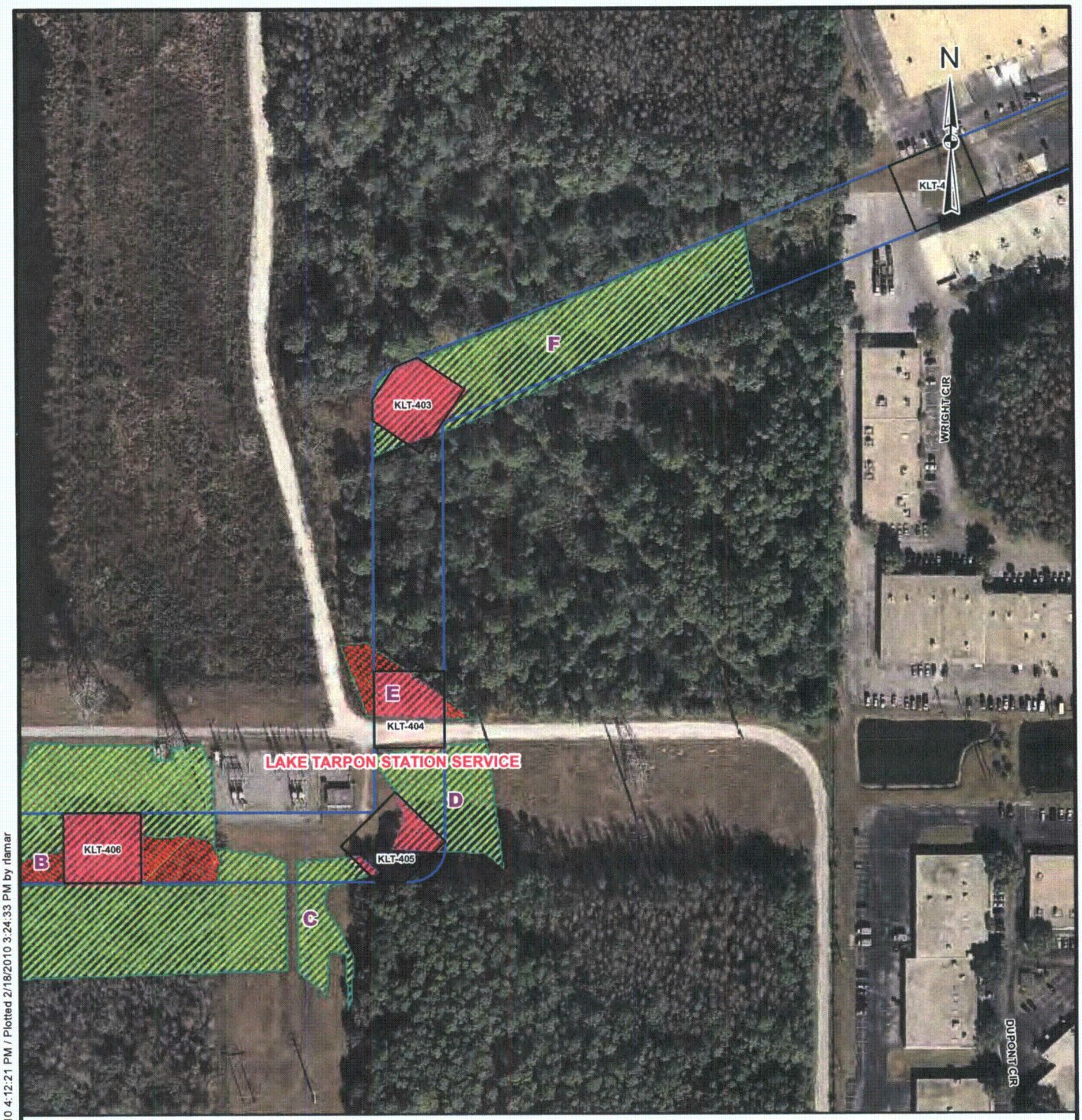
POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 187 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rlamar



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POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 188 of 189

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LEGEND

- PHP Pad Locations
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POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 189 of 189

Map Document: 09389547Z001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by rlamar

POLK – HILLSBOROUGH – PINELLAS (PHP)
TRANSMISSION LINE WETLAND IMPACT ANALYSIS
TABLES

Progress Energy Florida
Levy Baseload Project
PHP Pads Wetland Impacts

Structure ID	Wetland ID	FLUCFCS Code	FLUCFCS Definition	Impact Acreage	Total Impact Acreage	UMAM	Mitigation Credits	Total Mitigation Credits
KLT-1	A/B	641	Freshwater Marshes	0.22	0.22	0.73	0.16	0.16
KLT-2	A/B	641	Freshwater Marshes	0.22	0.24	0.73	0.16	0.17
	A/B	643	Wet Prairies	0.02		0.73	0.01	
KLT-3	A/B	641	Freshwater Marshes	0.25	0.25	0.73	0.18	0.18
KLT-4	A/B	621	Cypress	0.01	0.25	0.83	0.01	0.19
	A/B	641	Freshwater Marshes	0.24		0.73	0.18	
KLT-5	2	641	Freshwater Marshes	0.25	0.25	0.70	0.18	0.18
KLT-6	2	641	Freshwater Marshes	0.15	0.15	0.70	0.11	0.11
KLT-7	3	641	Freshwater Marshes	0.10	0.19	0.70	0.07	0.13
	4	641	Freshwater Marshes	0.09		0.70	0.06	
KLT-9	6	641	Freshwater Marshes	0.25	0.25	0.70	0.18	0.18
KLT-10	6	641	Freshwater Marshes	0.22	0.22	0.70	0.15	0.15
KLT-11	6	641	Freshwater Marshes	0.07	0.08	0.70	0.05	0.06
	7	511	Ditches	0.01		0.50	0.01	
KLT-13	10	641	Freshwater Marshes	0.24	0.24	0.70	0.17	0.17
KLT-14	11	511	Ditches	0.01	0.01	0.40	0.00*	0.00*
KLT-15	11	511	Ditches	0.01	0.01	0.40	0.00*	0.00*
KLT-16	13	641	Freshwater Marshes	0.20	0.20	0.70	0.14	0.14

Golder Associates

Progress Energy Florida
Levy Baseload Project
PHP Pads Wetland Impacts

Structure ID	Wetland ID	FLUCFCS Code	FLUCFCS Definition	Impact Acreage	Total Impact Acreage	UMAM	Mitigation Credits	Total Mitigation Credits
KLT-17	13	641	Freshwater Marshes	0.04	0.09	0.70	0.03	0.06
	14	641	Freshwater Marshes	0.05		0.60	0.03	
KLT-18	15	641	Freshwater Marshes	0.19	0.19	0.70	0.13	0.13
KLT-19	16	641	Freshwater Marshes	0.17	0.17	0.70	0.12	0.12
KLT-20	17	641	Freshwater Marshes	0.03	0.03	0.70	0.02	0.02
KLT-22	18	641	Freshwater Marshes	0.02	0.02	0.80	0.02	0.02
KLT-23	020A/B	641	Freshwater Marshes	0.02	0.02	0.80	0.02	0.02
KLT-24	021A/B	641	Freshwater Marshes	0.07	0.07	0.80	0.06	0.06
KLT-30	28	641	Freshwater Marshes	0.00*	0.00*	0.70	0.00*	0.00*
KLT-31	030A/B	641	Freshwater Marshes	0.10	0.10	0.80	0.08	0.08
KLT-32	030A/B	641	Freshwater Marshes	0.19	0.19	0.80	0.15	0.15
KLT-33	32-33	641	Freshwater Marshes	0.13	0.20	0.60	0.08	0.12
	32-33	641	Freshwater Marshes	0.07		0.60	0.04	
KLT-34	34	511	Ditches	0.01	0.03	0.40	0.00*	0.01
	32-33	511	Ditches	0.01		0.40	0.00*	
	32-33	641	Freshwater Marshes	0.01		0.60	0.01	
KLT-39	38	641	Freshwater Marshes	0.17	0.17	0.70	0.12	0.12
KLT-46	42	631	Wetland Shrub	0.09	0.09	0.60	0.05	0.05

Golder Associates

Progress Energy Florida
Levy Baseload Project
PHP Pads Wetland Impacts

Structure ID	Wetland ID	FLUCFCS Code	FLUCFCS Definition	Impact Acreage	Total Impact Acreage	UMAM	Mitigation Credits	Total Mitigation Credits
KLT-47	42	631	Wetland Shrub	0.25	0.25	0.60	0.15	0.15
KLT-48	42	631	Wetland Shrub	0.00*	0.00*	0.60	0.00*	0.00*
KLT-50	45	641	Freshwater Marshes	0.12	0.13	0.70	0.08	0.08
	46	511	Ditches	0.01		0.40	0.00*	
KLT-53	50	511	Ditches	0.07	0.09	0.40	0.03	0.04
	50A	511	Ditches	0.02		0.40	0.01	
KLT-57	54	631	Wetland Shrub	0.08	0.08	0.60	0.05	0.05
KLT-58	55	511	Ditches	0.01	0.01	0.40	0.00*	0.00*
KLT-59	56	641	Freshwater Marshes	0.08	0.08	0.53	0.04	0.04
	57	631	Wetland Shrub	0.00*		0.60	0.00*	
KLT-60	58	631	Wetland Shrub	0.01	0.07	0.60	0.01	0.03
	59	511	Ditches	0.06		0.40	0.02	
KLT-61	60	641	Freshwater Marshes	0.10	0.10	0.53	0.05	0.05
KLT-63	61	641	Freshwater Marshes	0.03	0.03	0.53	0.02	0.02
KLT-65	63	511	Ditches	0.02	0.02	0.40	0.01	0.01
KLT-72	69	511	Ditches	0.01	0.01	0.40	0.00*	0.00*
KLT-73	71	641	Freshwater Marshes	0.25	0.25	0.60	0.15	0.15
KLT-74	71	641	Freshwater Marshes	0.10	0.25	0.60	0.06	0.16
	71	618	Willow and Elderberry	0.15		0.67	0.10	

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Progress Energy Florida
Levy Baseload Project
PHP Pads Wetland Impacts

Structure ID	Wetland ID	FLUCFCS Code	FLUCFCS Definition	Impact Acreage	Total Impact Acreage	UMAM	Mitigation Credits	Total Mitigation Credits
KLT-80	75	511	Ditches	0.04	0.04	0.40	0.02	0.02
KLT-81	77	643	Wet Prairies	0.01	0.01	0.50	0.01	0.01
KLT-92	81	641	Freshwater Marshes	0.00*	0.00*	0.53	0.00*	0.00*
KLT-98	89	618	Willow and Elderberry	0.05	0.08	0.67	0.03	0.04
	90	534	Reservoirs < 10 acres	0.03		0.43	0.01	
KLT-102	91	631	Wetland Shrub	0.15	0.15	0.60	0.09	0.09
KLT-103	92	641	Freshwater Marshes	0.12	0.12	0.53	0.06	0.06
KLT-104	93	510	Streams and Waterways	0.02	0.09	0.70	0.01	0.05
	94	641	Freshwater Marshes	0.07		0.53	0.04	
KLT-108	095A	631	Wetland Shrub	0.21	0.21	0.60	0.13	0.13
KLT-109	96	641	Freshwater Marshes	0.05	0.05	0.53	0.03	0.03
KLT-114	103	534	Reservoirs < 10 acres	0.00*	0.00*	0.43	0.00*	0.00*
KLT-118	107	641	Freshwater Marshes	0.25	0.25	0.70	0.18	0.18
KLT-120	109	641	Freshwater Marshes	0.13	0.13	0.60	0.08	0.08
KLT-122	112A	643	Wet Prairies	0.13	0.13	0.63	0.08	0.08
KLT-124	113	534	Reservoirs < 10 acres	0.03	0.03	0.43	0.01	0.01
KLT-134	126	641	Freshwater Marshes	0.25	0.25	0.80	0.20	0.20

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Progress Energy Florida
Levy Baseload Project
PHP Pads Wetland Impacts

Structure ID	Wetland ID	FLUCFCS Code	FLUCFCS Definition	Impact Acreage	Total Impact Acreage	UMAM	Mitigation Credits	Total Mitigation Credits
KLT-135	126	641	Freshwater Marshes	0.12	0.12	0.80	0.10	0.10
KLT-137	127	641	Freshwater Marshes	0.00*	0.00*	0.87	0.00*	0.00*
KLT-139	129	641	Freshwater Marshes	0.17	0.17	0.70	0.12	0.12
KLT-140	129	641	Freshwater Marshes	0.25	0.25	0.70	0.18	0.18
KLT-146	132	641	Freshwater Marshes	0.19	0.19	0.60	0.11	0.11
KLT-147	EH	641	Freshwater Marshes	0.18	0.18	0.70	0.13	0.13
	EH	641	Freshwater Marshes	0.00*		0.70	0.00*	
KLT-148	EH	641	Freshwater Marshes	0.22	0.22	0.70	0.15	0.15
KLT-156	EE	631	Wetland Shrub	0.25	0.25	0.80	0.20	0.20
KLT-163	DW	641	Freshwater Marshes	0.13	0.25	0.53	0.07	0.13
	DW	643	Wet Prairies	0.12		0.50	0.06	
KLT-166	DT	534	Reservoirs < 10 acres	0.10	0.10	0.43	0.04	0.04
KLT-171	DO	631	Wetland Shrub	0.25	0.25	0.80	0.20	0.20
KLT-178	DK	534	Reservoirs < 10 acres	0.08	0.08	0.53	0.04	0.04
KLT-185	DH	631	Wetland Shrub	0.13	0.13	0.60	0.08	0.08
KLT-186	DG	641	Freshwater Marshes	0.09	0.09	0.70	0.06	0.06
KLT-191	DF	510	Streams and Waterways	0.11	0.11	0.70	0.08	0.08

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Progress Energy Florida
Levy Baseload Project
PHP Pads Wetland Impacts

Structure ID	Wetland ID	FLUCFCS Code	FLUCFCS Definition	Impact Acreage	Total Impact Acreage	UMAM	Mitigation Credits	Total Mitigation Credits
KLT-214	DC	641	Freshwater Marshes	0.11	0.11	0.87	0.10	0.10
KLT-215	DB	631	Wetland Shrub	0.25	0.25	0.80	0.20	0.20
KLT-216	DB	631	Wetland Shrub	0.25	0.25	0.80	0.20	0.20
KLT-217	DB	631	Wetland Shrub	0.08	0.08	0.80	0.06	0.06
KLT-232	CW	631	Wetland Shrub	0.05	0.05	0.80	0.04	0.04
KLT-234	CV	641	Freshwater Marshes	0.12	0.23	0.87	0.10	0.20
	CV	641	Freshwater Marshes	0.11		0.87	0.10	
KLT-241	CS	511	Ditches	0.04	0.04	0.40	0.02	0.02
KLT-242	CR	534	Reservoirs < 10 acres	0.07	0.07	0.53	0.04	0.04
KLT-259	CP	641	Freshwater Marshes	0.14	0.14	0.60	0.08	0.08
KLT-263	CM	641	Freshwater Marshes	0.25	0.25	0.70	0.18	0.18
KLT-264	CK/CL	641	Freshwater Marshes	0.24	0.24	0.70	0.17	0.17
KLT-265	CK/CL	641	Freshwater Marshes	0.25	0.25	0.70	0.18	0.18
KLT-268	CI	641	Freshwater Marshes	0.08	0.08	0.70	0.06	0.06
KLT-269	CH	641	Freshwater Marshes	0.00*	0.00*	0.70	0.00*	0.00*
KLT-270	CG	643	Wet Prairies	0.00*	0.00*	0.50	0.00*	0.00*
KLT-271	CF	641	Freshwater Marshes	0.18	0.18	0.80	0.14	0.14

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Progress Energy Florida
Levy Baseload Project
PHP Pads Wetland Impacts

Structure ID	Wetland ID	FLUCFCS Code	FLUCFCS Definition	Impact Acreage	Total Impact Acreage	UMAM	Mitigation Credits	Total Mitigation Credits
KLT-273	CE	641	Freshwater Marshes	0.16	0.16	0.70	0.11	0.11
KLT-274	CE	641	Freshwater Marshes	0.22	0.22	0.70	0.15	0.15
KLT-276	CD	510	Streams and Waterways	0.25	0.25	0.80	0.20	0.20
KLT-277	CC	643	Wet Prairies	0.08	0.08	0.77	0.06	0.06
KLT-279	CB	643	Wet Prairies	0.18	0.18	0.63	0.11	0.11
KLT-280	CA	631	Wetland Shrub	0.25	0.25	0.80	0.20	0.20
KLT-281	BZ	631	Wetland Shrub	0.19	0.19	0.80	0.15	0.15
KLT-282	BZ	631	Wetland Shrub	0.24	0.24	0.80	0.19	0.19
KLT-283	BZ	631	Wetland Shrub	0.25	0.25	0.80	0.20	0.20
KLT-289	BV	631	Wetland Shrub	0.14	0.14	0.60	0.08	0.08
KLT-295	BS	631	Wetland Shrub	0.25	0.25	0.80	0.20	0.20
KLT-296	BS	631	Wetland Shrub	0.16	0.16	0.80	0.13	0.13
KLT-299	BQ	641	Freshwater Marshes	0.09	0.09	0.53	0.05	0.05
KLT-301	BO	631	Wetland Shrub	0.25	0.25	0.80	0.20	0.20
KLT-310	BG	511	Ditches	0.01	0.01	0.40	0.00*	0.00*
KLT-312	BE	530	Reservoirs	0.03	0.03	0.43	0.01	0.01

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Progress Energy Florida
Levy Baseload Project
PHP Pads Wetland Impacts

Structure ID	Wetland ID	FLUCFCS Code	FLUCFCS Definition	Impact Acreage	Total Impact Acreage	UMAM	Mitigation Credits	Total Mitigation Credits
KLT-313	BD	631	Wetland Shrub	0.17	0.17	0.80	0.14	0.14
KLT-314	BD	631	Wetland Shrub	0.25	0.25	0.80	0.20	0.20
KLT-316	BC	631	Wetland Shrub	0.17	0.17	0.60	0.10	0.10
KLT-319	AZ	631	Wetland Shrub	0.00*	0.01	0.47	0.00*	0.00*
	BA	631	Wetland Shrub	0.01		0.47	0.00*	
KLT-325	AW	530	Reservoirs	0.07	0.07	0.43	0.03	0.03
KLT-339	AM	631	Wetland Shrub	0.25	0.25	0.60	0.15	0.15
KLT-340	AM	641	Freshwater Marshes	0.13	0.13	0.70	0.09	0.09
KLT-341	AL	641	Freshwater Marshes	0.17	0.17	0.53	0.09	0.09
KLT-342	AL	641	Freshwater Marshes	0.04	0.04	0.53	0.02	0.02
KLT-353	AB	641	Freshwater Marshes	0.12	0.12	0.60	0.07	0.07
KLT-355	YY	530	Reservoirs	0.04	0.04	0.43	0.02	0.02
KLT-357	TT	530	Reservoirs	0.05	0.15	0.43	0.02	0.08
	UU/VV	641	Freshwater Marshes	0.10		0.60	0.06	
KLT-359	QQ	641	Freshwater Marshes	0.21	0.21	0.87	0.18	0.18
	RR	530	Reservoirs	0.00*		0.43	0.00*	
KLT-360	OO	641	Freshwater Marshes	0.25	0.25	0.70	0.18	0.18
KLT-361	OO	641	Freshwater Marshes	0.25	0.25	0.70	0.18	0.18

Progress Energy Florida
Levy Baseload Project
PHP Pads Wetland Impacts

Structure ID	Wetland ID	FLUCFCS Code	FLUCFCS Definition	Impact Acreage	Total Impact Acreage	UMAM	Mitigation Credits	Total Mitigation Credits
KLT-364	MM	511	Ditches	0.03	0.03	0.40	0.01	0.01
KLT-365	LL	631	Wetland Shrub	0.07	0.07	0.47	0.03	0.03
KLT-366	KK	641	Freshwater Marshes	0.18	0.18	0.53	0.10	0.10
KLT-378	FF	641	Freshwater Marshes	0.21	0.21	0.80	0.17	0.17
KLT-382	CC	631	Wetland Shrub	0.24	0.24	0.80	0.19	0.19
KLT-383	CC	631	Wetland Shrub	0.24	0.24	0.80	0.19	0.19
KLT-384	Y	511	Ditches	0.01	0.01	0.50	0.01	0.01
KLT-385	Y	511	Ditches	0.03	0.04	0.50	0.02	0.03
	Z	641	Freshwater Marshes	0.01		0.53	0.01	
KLT-387	U	641	Freshwater Marshes	0.11	0.11	0.53	0.06	0.06
KLT-389	W	641	Freshwater Marshes	0.13	0.16	0.70	0.09	0.11
	X	641	Freshwater Marshes	0.03		0.80	0.02	
KLT-397	N	641	Freshwater Marshes	0.07	0.07	0.70	0.05	0.05
KLT-398	N	641	Freshwater Marshes	0.25	0.25	0.70	0.18	0.18
KLT-400	J	641	Freshwater Marshes	0.23	0.23	0.70	0.16	0.16
	K	621	Cypress	0.00*		0.83	0.00*	
KLT-401	H	511	Ditches	0.05	0.05	0.40	0.02	0.02
KLT-403	F	641	Freshwater Marshes	0.23	0.23	0.80	0.18	0.18

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Progress Energy Florida
Levy Baseload Project
PHP Pads Wetland Impacts

Structure ID	Wetland ID	FLUCFCS Code	FLUCFCS Definition	Impact Acreage	Total Impact Acreage	UMAM	Mitigation Credits	Total Mitigation Credits
KLT-404	D	641	Freshwater Marshes	0.00*	0.12	0.60	0.00*	0.09
	E	630	Wetland Forested Mixed	0.12		0.73	0.09	
KLT-405	C	641	Freshwater Marshes	0.01	0.08	0.60	0.01	0.05
	D	641	Freshwater Marshes	0.07		0.60	0.04	
KLT-406	B	621	Cypress	0.16	0.25	0.83	0.13	0.20
	B	641	Freshwater Marshes	0.09		0.83	0.07	
KLT-408	A	641	Freshwater Marshes	0.25	0.25	0.53	0.13	0.13
KWX-1	A/B	641	Freshwater Marshes	0.20	0.20	0.73	0.15	0.15
KZN-1	A/B	641	Freshwater Marshes	0.25	0.25	0.73	0.18	0.18
KZN-2	A/B	641	Freshwater Marshes	0.24	0.25	0.73	0.18	0.19
	A/B	630	Wetland Forested Mixed	0.01		0.83	0.01	
KZN-1/2	A/B	641	Freshwater Marshes	0.07	0.09	0.73	0.05	0.07
	A/B	630	Wetland Forested Mixed	0.02		0.83	0.02	
			Totals		20.09			13.95

* Impact Acreage or Mitigation Credits < 0.005

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Progress Energy Florida
Levy Baseload Project
PHP Access Roads Wetland Impacts

Access Road ID	Wetland ID	FLUCFCS Code	FLUCFCS Definition	Impact Acreage	Total Impact Acreage	UMAM	Mitigation Credits	Total Mitigation Credits
1	N	641	Freshwater Marshes	0.04	0.04	0.70	0.03	0.03
11	DB	631	Wetland Shrub	0.36	0.36	0.80	0.29	0.29
	DB	631	Wetland Shrub	0.00*		0.80	0.00*	
20	DG	641	Freshwater Marshes	0.14	0.14	0.70	0.10	0.10
22	DO	631	Wetland Shrub	0.04	0.04	0.80	0.03	0.03
33	DW	641	Freshwater Marshes	0.02	0.02	0.53	0.01	0.01
41	EE	631	Wetland Shrub	0.07	0.07	0.80	0.06	0.06
50	X	641	Freshwater Marshes	0.15	1.36	0.80	0.12	0.97
	W	641	Freshwater Marshes	0.19		0.70	0.13	
	V	641	Freshwater Marshes	0.16		0.53	0.08	
	U	641	Freshwater Marshes	0.02		0.53	0.01	
	AA	641	Freshwater Marshes	0.17		0.53	0.09	
	Y	511	Ditches	0.01		0.50	0.01	
	BB	511	Ditches	0.01		0.50	0.01	
	CC	631	Wetland Shrub	0.65		0.80	0.52	
59	EH	641	Freshwater Marshes	0.02	0.02	0.70	0.01	0.01
63	EH	641	Freshwater Marshes	0.02	0.02	0.70	0.01	0.01
66	EE	641	Freshwater Marshes	0.20	0.20	0.87	0.17	0.17
	DD	631	Wetland Shrub	0.00*		0.47	0.00*	
67	131	511	Ditches	0.01	0.01	0.40	0.00*	0.00*

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73	DA	511	Ditches	0.03	0.03	0.50	0.02	0.02
74	127	641	Freshwater Marshes	0.07	0.42	0.87	0.06	0.30
	128	511	Ditches	0.02		0.50	0.01	
	129	641	Freshwater Marshes	0.33		0.70	0.23	
77	126	641	Freshwater Marshes	0.23	0.23	0.80	0.18	0.18
81	121	511	Ditches	0.00*	0.22	0.40	0.00*	0.11
	123	643	Wet Prairies	0.22		0.50	0.11	
85	107	641	Freshwater Marshes	0.05	0.05	0.70	0.04	0.04
86	110A	511	Ditches	0.01	0.07	0.40	0.00*	0.03
	111	511	Ditches	0.01		0.40	0.00*	
	112A	643	Wet Prairies	0.05		0.63	0.03	
95	95	641	Freshwater Marshes	0.01	0.14	0.53	0.01	0.09
	095A	631	Wetland Shrub	0.12		0.60	0.07	
	97	511	Ditches	0.01		0.50	0.01	
97	94	641	Freshwater Marshes	0.00*	0.00*	0.53	0.00*	0.00*
99	91	631	Wetland Shrub	0.01	0.01	0.60	0.01	0.01
	92	641	Freshwater Marshes	0.00*		0.53	0.00*	
109	83	511	Ditches	0.00*	0.00*	0.40	0.00*	0.00*
119	CV	641	Freshwater Marshes	0.52	0.52	0.87	0.45	0.45
	CV	641	Freshwater Marshes	0.00*		0.87	0.00*	

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122	MM	511	Ditches	0.17	0.17	0.40	0.07	0.07
123	NN	641	Freshwater Marshes	0.12	0.74	0.70	0.08	0.53
	OO	641	Freshwater Marshes	0.47		0.70	0.33	
	PP	530	Reservoirs	0.02		0.43	0.01	
	QQ	641	Freshwater Marshes	0.11		0.87	0.10	
	RR	530	Reservoirs	0.02		0.43	0.01	
125	TT	530	Reservoirs	0.03	0.03	0.43	0.01	0.01
126	ZZ	530	Reservoirs	0.02	0.02	0.43	0.01	0.01
128	WW	641	Freshwater Marshes	0.15	0.26	0.70	0.11	0.16
	YY	530	Reservoirs	0.09		0.43	0.04	
	XX	631	Wetland Shrub	0.02		0.60	0.01	
130	AB	641	Freshwater Marshes	0.26	0.26	0.60	0.16	0.16
134	78	511	Ditches	0.01	0.02	0.50	0.01	0.01
	79	511	Ditches	0.01		0.40	0.00*	
135	AH	530	Reservoirs	0.21	0.21	0.43	0.09	0.09
141	AL	641	Freshwater Marshes	0.29	0.29	0.53	0.15	0.15
142	AM	641	Freshwater Marshes	0.16	0.16	0.70	0.11	0.11
143	AM	631	Wetland Shrub	0.06	0.06	0.60	0.04	0.04
144	CO	641	Freshwater Marshes	0.11	0.11	0.70	0.08	0.08

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152	AQ	630	Wetland Forested Mixed	0.03	0.11	0.73	0.02	0.05
	AQ	511	Ditches	0.08		0.40	0.03	
153	71	641	Freshwater Marshes	0.05	0.05	0.60	0.03	0.03
157	71	641	Freshwater Marshes	0.04	0.04	0.60	0.02	0.02
166	CG	643	Wet Prairies	0.07	0.40	0.50	0.04	0.27
	CE	641	Freshwater Marshes	0.01		0.70	0.01	
	CE	641	Freshwater Marshes	0.29		0.70	0.20	
	CE	641	Freshwater Marshes	0.03		0.70	0.02	
168	BC	631	Wetland Shrub	0.02	0.02	0.60	0.01	0.01
169	CC	643	Wet Prairies	0.19	0.42	0.77	0.15	0.33
	CD	510	Streams and Waterways	0.23		0.80	0.18	
170	CA	631	Wetland Shrub	0.15	0.16	0.80	0.12	0.13
	CB	643	Wet Prairies	0.01		0.63	0.01	
172	BZ	631	Wetland Shrub	0.29	0.29	0.80	0.23	0.23
173	BD	631	Wetland Shrub	0.32	0.32	0.80	0.26	0.26
174	BZ	631	Wetland Shrub	0.22	0.22	0.80	0.18	0.18
179	BS	631	Wetland Shrub	0.21	0.21	0.80	0.17	0.17
180	BI	631	Wetland Shrub	0.07	0.07	0.47	0.03	0.03
184	BS	631	Wetland Shrub	0.03	0.03	0.80	0.02	0.02

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Levy Baseload Project
PHP Access Roads Wetland Impacts

Access Road ID	Wetland ID	FLUCFCS Code	FLUCFCS Definition	Impact Acreage	Total Impact Acreage	UMAM	Mitigation Credits	Total Mitigation Credits
186	BQ	641	Freshwater Marshes	0.00*	0.00*	0.53	0.00*	0.00*
191	BU	631	Wetland Shrub	0.02	0.02	0.47	0.01	0.01
192	66	643	Wet Prairies	0.02	0.02	0.50	0.01	0.01
195	63	511	Ditches	0.01	0.01	0.40	0.00*	0.00*
196	CS	511	Ditches	0.00*	0.00*	0.40	0.00*	0.00*
198	61	641	Freshwater Marshes	0.07	0.07	0.53	0.04	0.04
201	59	511	Ditches	0.00*	0.00*	0.40	0.00*	0.00*
203	54	631	Wetland Shrub	0.07	0.07	0.60	0.04	0.04
205	42	631	Wetland Shrub	0.26	0.26	0.60	0.16	0.16
206	32-33	641	Freshwater Marshes	0.02	1.00	0.60	0.01	0.64
	32-33	511	Ditches	0.01		0.40	0.00*	
	030A/B	641	Freshwater Marshes	0.17		0.80	0.14	
	32-33	641	Freshwater Marshes	0.19		0.60	0.11	
	32-33	641	Freshwater Marshes	0.08		0.60	0.05	
	35	641	Freshwater Marshes	0.17		0.53	0.09	
	37	641	Freshwater Marshes	0.02		0.53	0.01	
	37	511	Ditches	0.00*		0.50	0.00*	
	38	641	Freshwater Marshes	0.00*		0.70	0.00*	
	40	641	Freshwater Marshes	0.01		0.70	0.01	
	42	631	Wetland Shrub	0.00*		0.60	0.00*	
	45	641	Freshwater Marshes	0.24		0.70	0.17	
	47A	511	Ditches	0.04		0.40	0.02	
	49	510	Streams and Waterways	0.02		0.80	0.02	
	50	511	Ditches	0.03		0.40	0.01	

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Levy Baseload Project
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Access Road ID	Wetland ID	FLUCFCS Code	FLUCFCS Definition	Impact Acreage	Total Impact Acreage	UMAM	Mitigation Credits	Total Mitigation Credits
207	29	511	Ditches	0.01	0.01	0.40	0.00*	0.00*
208	025A/B	511	Ditches	0.01	0.01	0.50	0.01	0.01
209	022A/B	641	Freshwater Marshes	0.02	0.35	0.80	0.02	0.28
	021A/B	641	Freshwater Marshes	0.09		0.80	0.07	
	020A/B	641	Freshwater Marshes	0.06		0.80	0.05	
	18	641	Freshwater Marshes	0.13		0.80	0.10	
	023A/B	641	Freshwater Marshes	0.05		0.80	0.04	
212	2	641	Freshwater Marshes	0.05	0.68	0.70	0.04	0.48
	3	641	Freshwater Marshes	0.09		0.70	0.06	
	4	641	Freshwater Marshes	0.04		0.70	0.03	
	5	511	Ditches	0.01		0.50	0.01	
	6	641	Freshwater Marshes	0.49		0.70	0.34	
214	A/B	641	Freshwater Marshes	0.26	0.26	0.73	0.19	0.19
215	A/B	641	Freshwater Marshes	0.40	0.52	0.73	0.29	0.38
	A/B	630	Wetland Forested Mixed	0.02		0.83	0.02	
	A/B	643	Wet Prairies	0.10		0.73	0.07	
216	CM	641	Freshwater Marshes	0.06	0.06	0.70	0.04	0.04
217	CM	641	Freshwater Marshes	0.01	0.01	0.70	0.01	0.01
218	CK/CL	641	Freshwater Marshes	0.04	0.04	0.70	0.03	0.03
			Totals		12.03			8.38

* Impact Acreage or Mitigation Credits < 0.005

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Levy Baseload Project
PHP Forested Wetland Clearing Impacts

Wetland ID	FLUCFCS Code	FLUCFCS Definition	Clearing Impact Acreage	Total Clearing Impact Acreage	UMAM	Functional Loss / Acre (UMAM)	Mitigation Credits	Total Mitigation Credits
B	621	Cypress	0.25	0.25	0.83	0.40	0.10	0.10
E	630	Wetland Forested Mixed	0.10	0.10	0.73	0.30	0.03	0.03
		Totals		0.35				0.13

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PHP Wetland Impact Summary

	Acreage (Fill)	Acreage (Clearing)	Mitigation Credits
Pads	20.09	-	13.95
Roads	12.03	-	8.38
Right-of-Way Clearing	-	0.35	0.13
Total	32.12	0.35	22.46

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