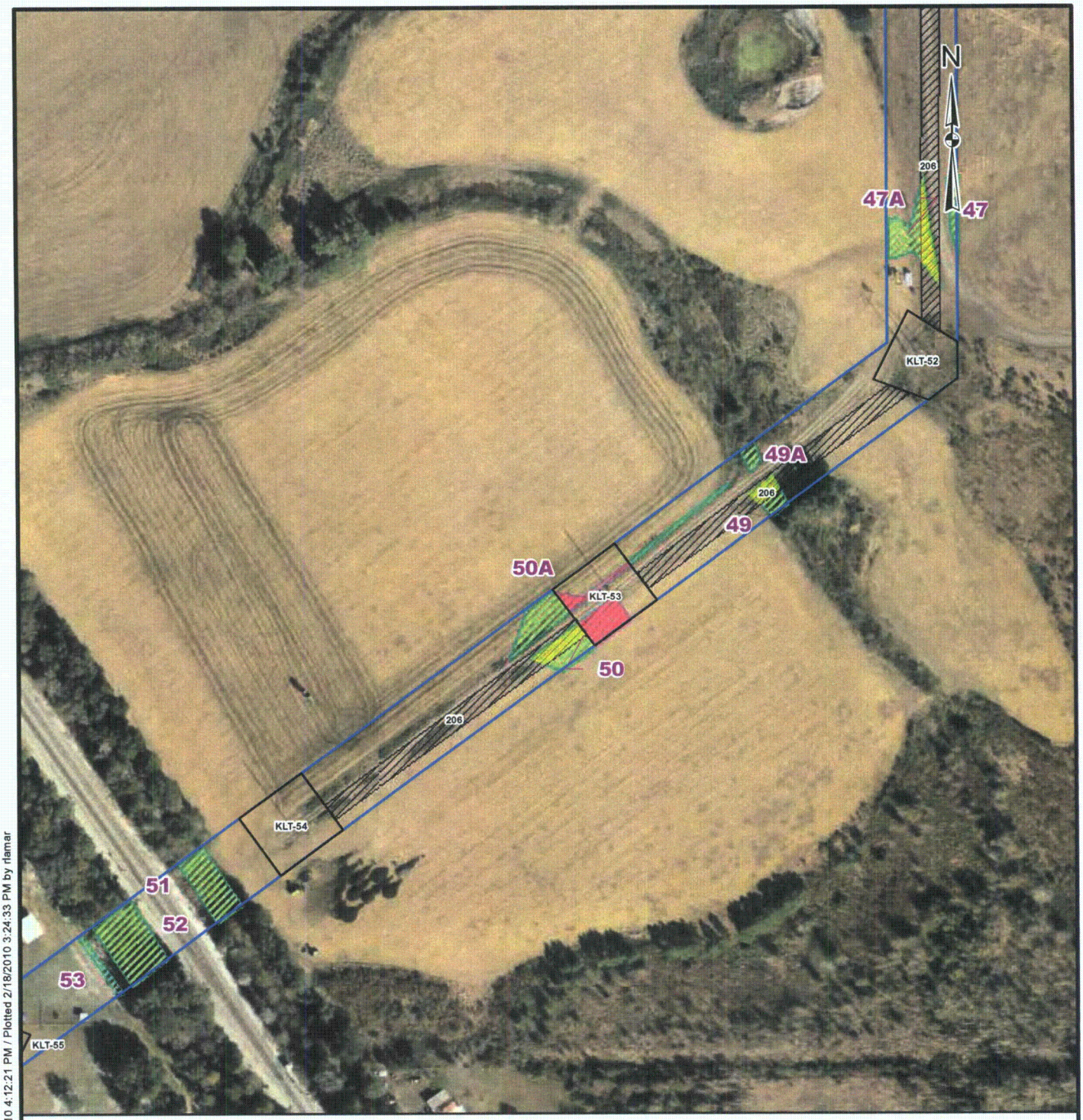


LEGEND

- 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
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 25 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.

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 26 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.

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 27 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

REFERENCES

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

0 100 200 400 Feet

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
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 28 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

REFERENCES

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

0 100 200 400 Feet

NOTES

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

Golder Associates
Gainesville, Florida

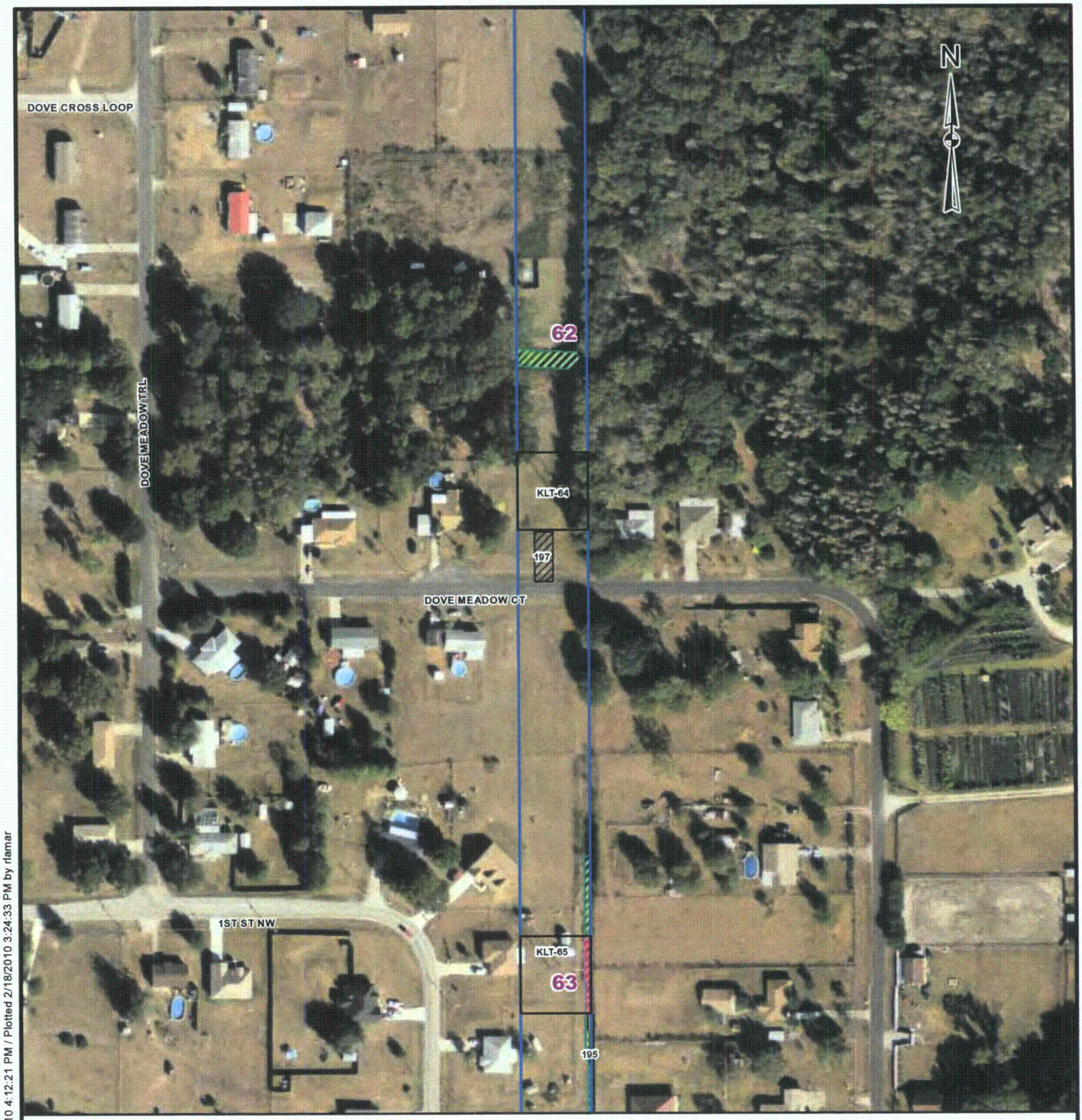
FILE No.	09389547Z001
PROJECT No.	093-89547
REV.	1
SCALE	AS SHOWN
DATE	2/18/2010
DESIGN	KAB
GIS	NRL
CHECK	SR
REVIEW	KAB

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

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 29 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.

Golder Associates
Gainesville, Florida

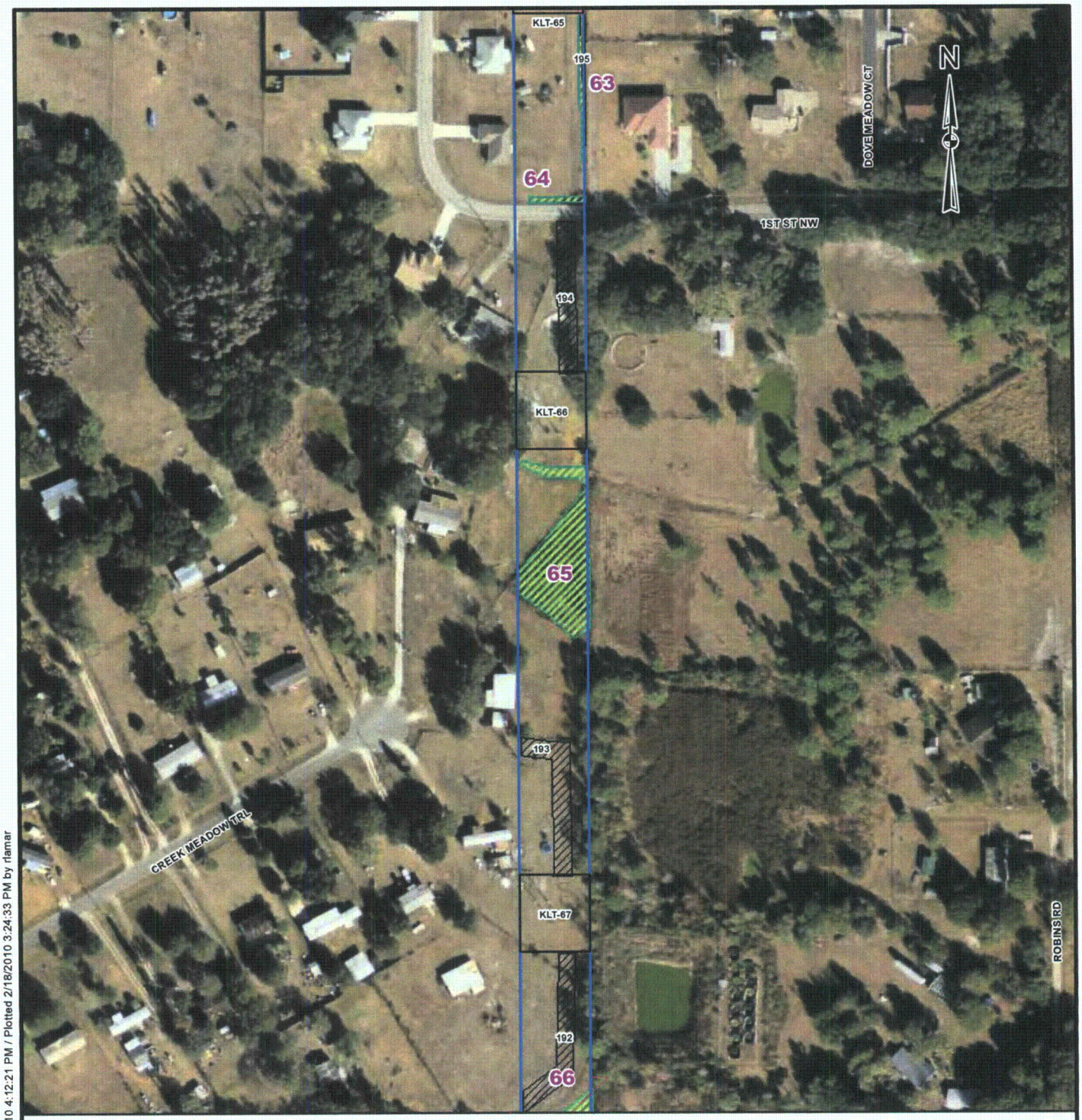
SCALE	AS SHOWN
DATE	2/18/2010
DESIGN	KAB
GIS	NRL
CHECK	SR
REVIEW	KAB
FILE No.	09389547Z001
PROJECT No.	093-89547
REV.	1

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

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 30 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.

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 31 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.

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 32 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.

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 33 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.

Golder Associates
Gainesville, Florida

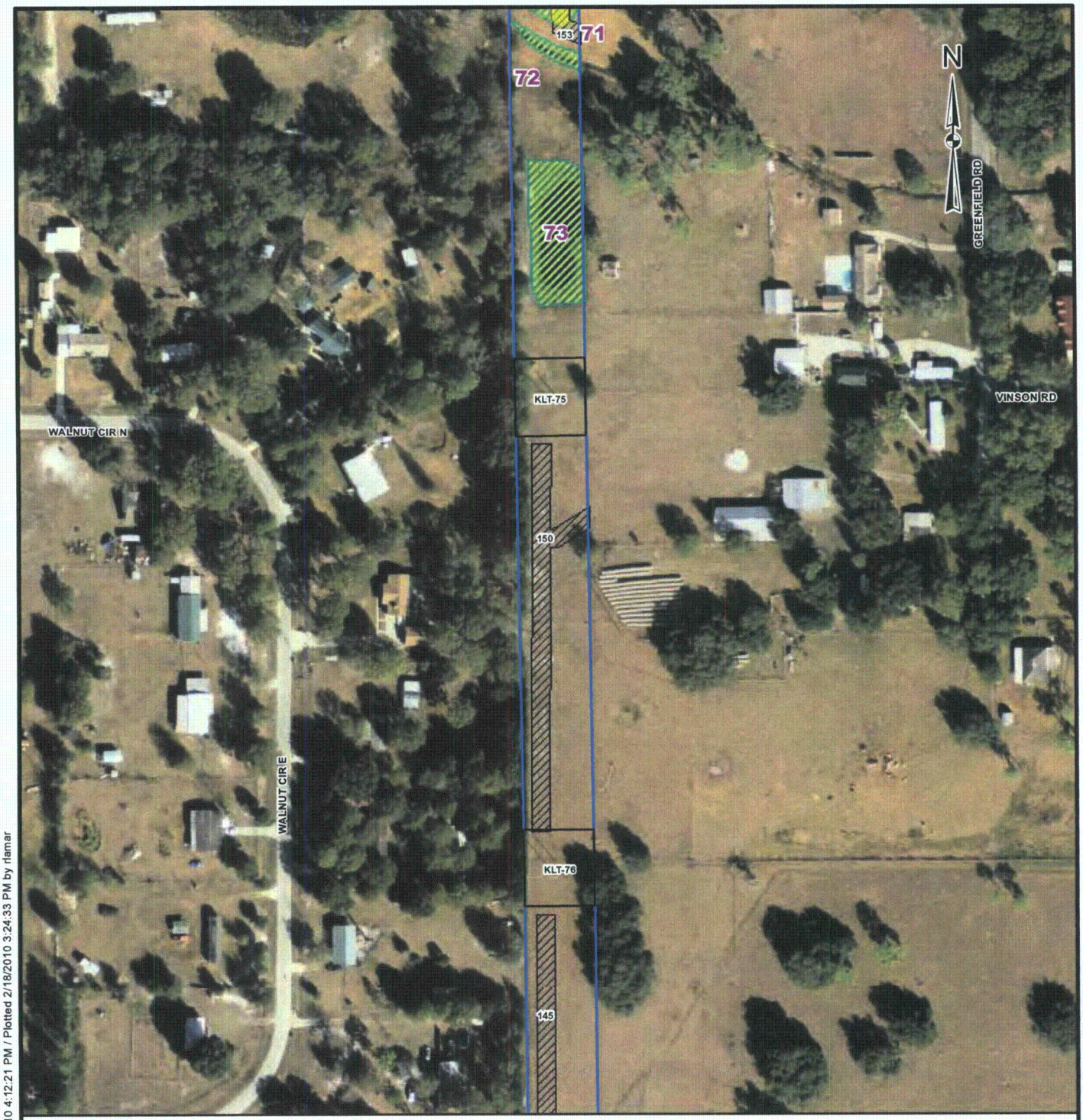
FILE No.	09389547Z001
PROJECT No.	093-89547
REV.	1
SCALE	AS SHOWN
DATE	2/18/2010
DESIGN	KAB
GIS	NRL
CHECK	SR
REVIEW	KAB

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

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 34 of 189

Map Document: (093895472001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by tlamar



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

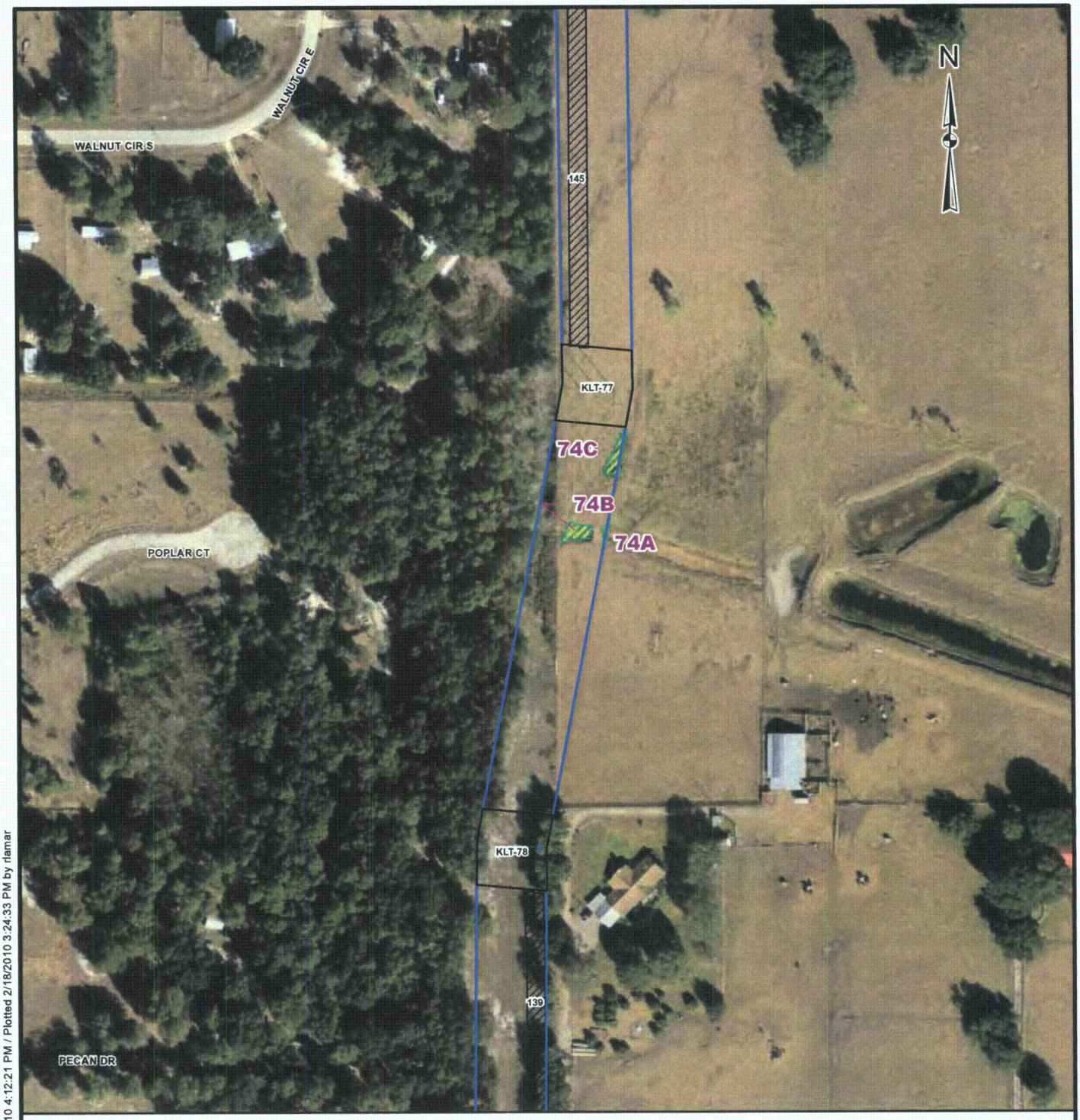
FILE No.	09389547Z001
PROJECT No.	093-89547
REV.	1
SCALE	AS SHOWN
DATE	2/18/2010
DESIGN	KAB
GIS	NRL
CHECK	SR
REVIEW	KAB

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

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 35 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.

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 36 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.

Golder Associates
Gainesville, Florida

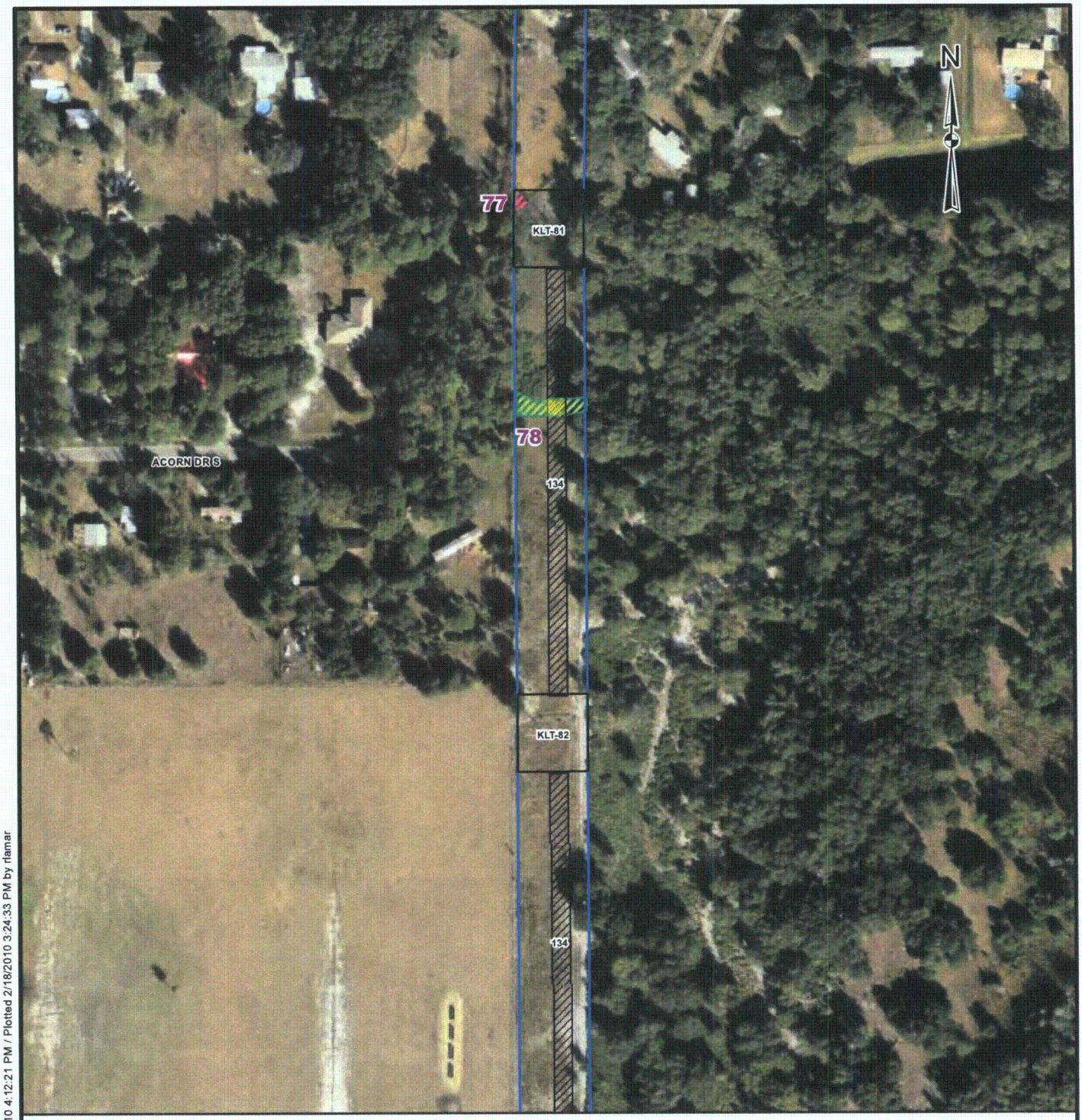
FILE No.	09389547Z001
PROJECT No.	093-89547 REV. 1
SCALE	AS SHOWN
DATE	2/18/2010
DESIGN	KAB
GIS	NRL
CHECK	SR
REVIEW	KAB

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

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 37 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.

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 38 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.

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 39 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
- 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

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

FILE No.	09389547Z001
PROJECT No.	093-89547
REV.	1

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

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 40 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.

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 41 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 tlamar

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

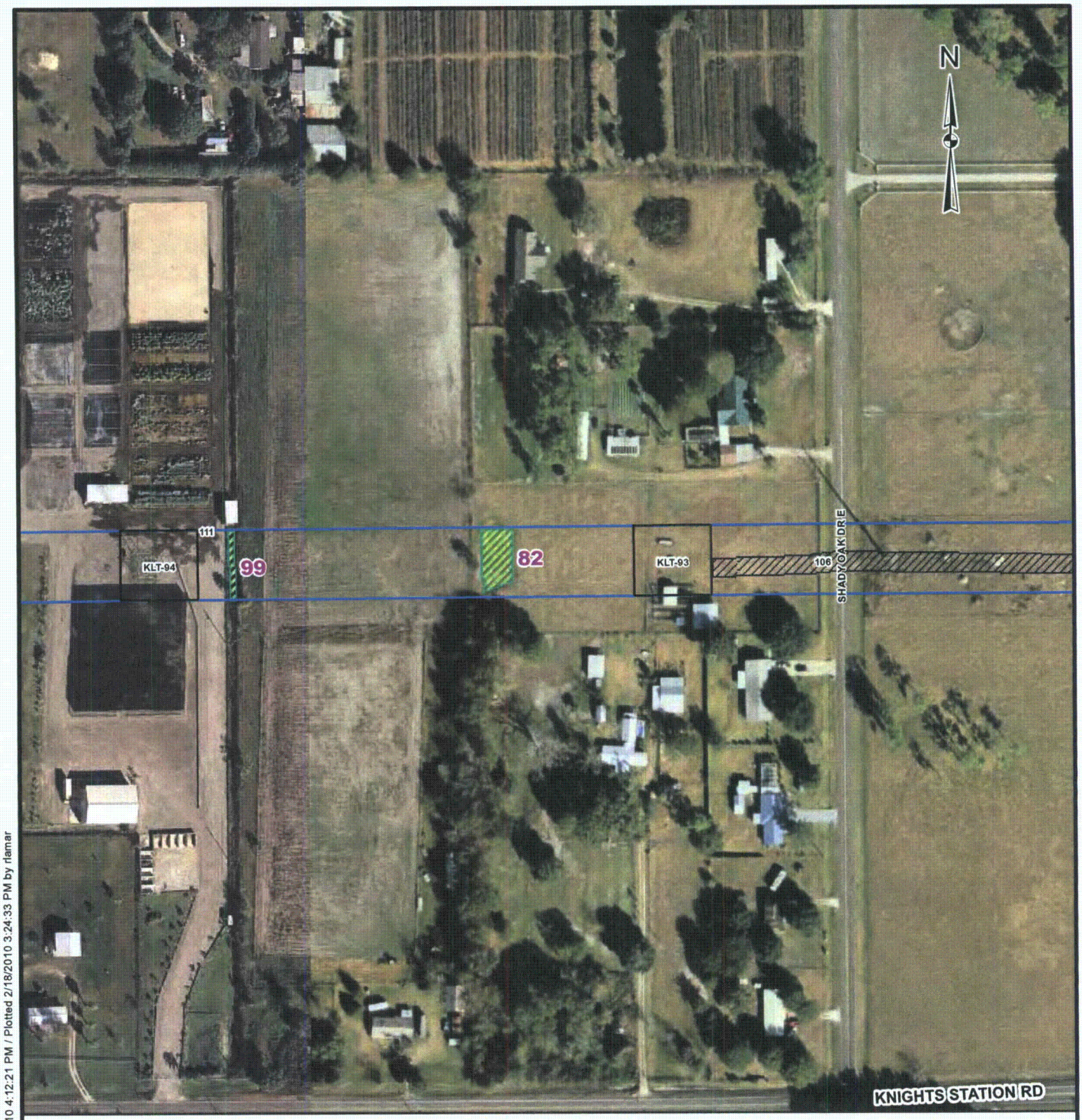
FILE No.	09389547Z001
PROJECT No.	093-89547
REV.	1
SCALE	AS SHOWN
DATE	2/18/2010
DESIGN	KAB
GIS	NRL
CHECK	SR
REVIEW	KAB

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

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 42 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

REFERENCES

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

0 100 200 400 Feet

NOTES

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

Golder Associates
Gainesville, Florida

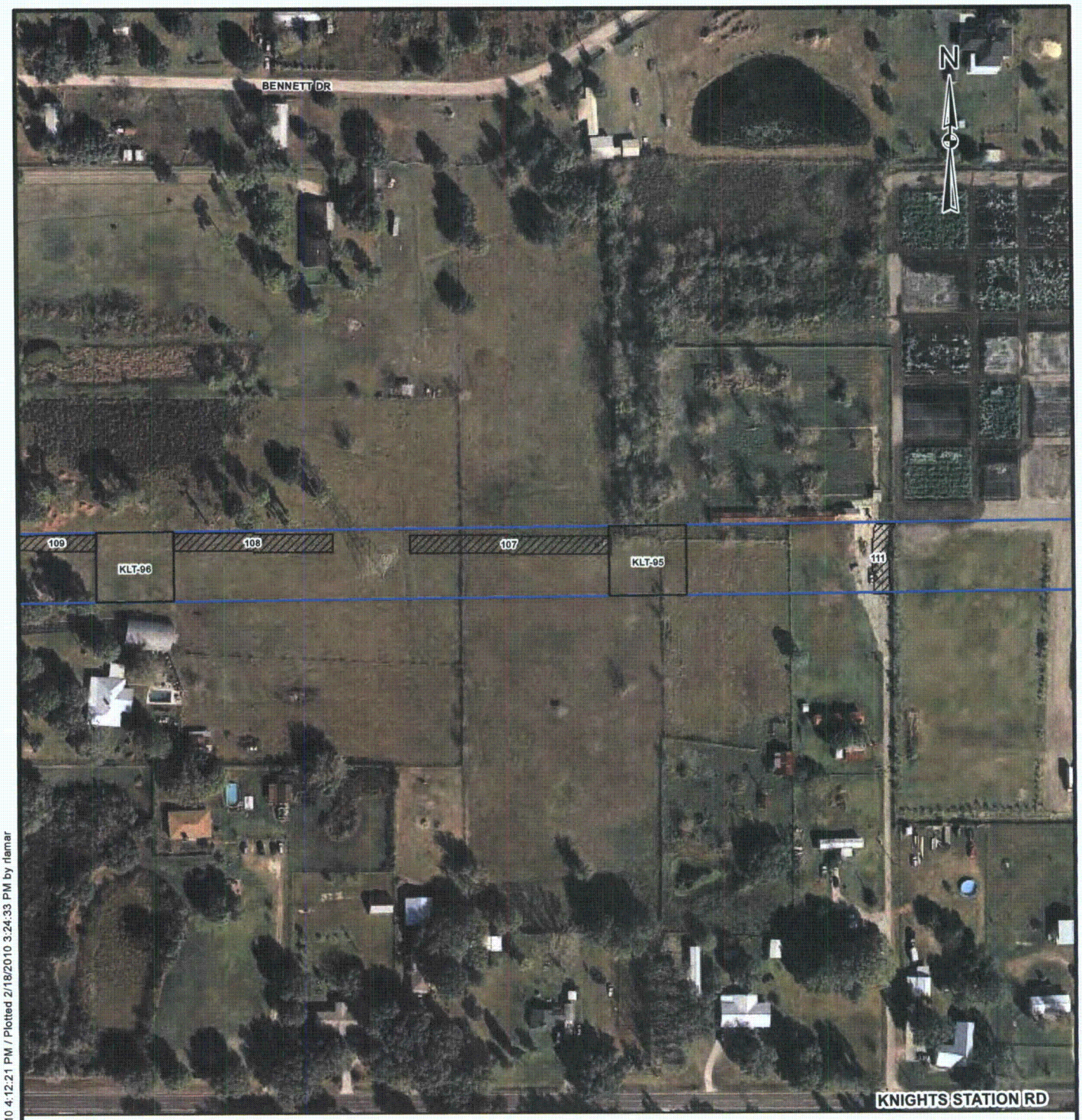
FILE No.	09389547Z001
PROJECT No.	093-89547
REV.	1
SCALE	AS SHOWN
DATE	2/18/2010
DESIGN	KAB
GIS	NRL
CHECK	SR
REVIEW	KAB

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

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 43 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.

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 44 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.

Golder Associates
Gainesville, Florida

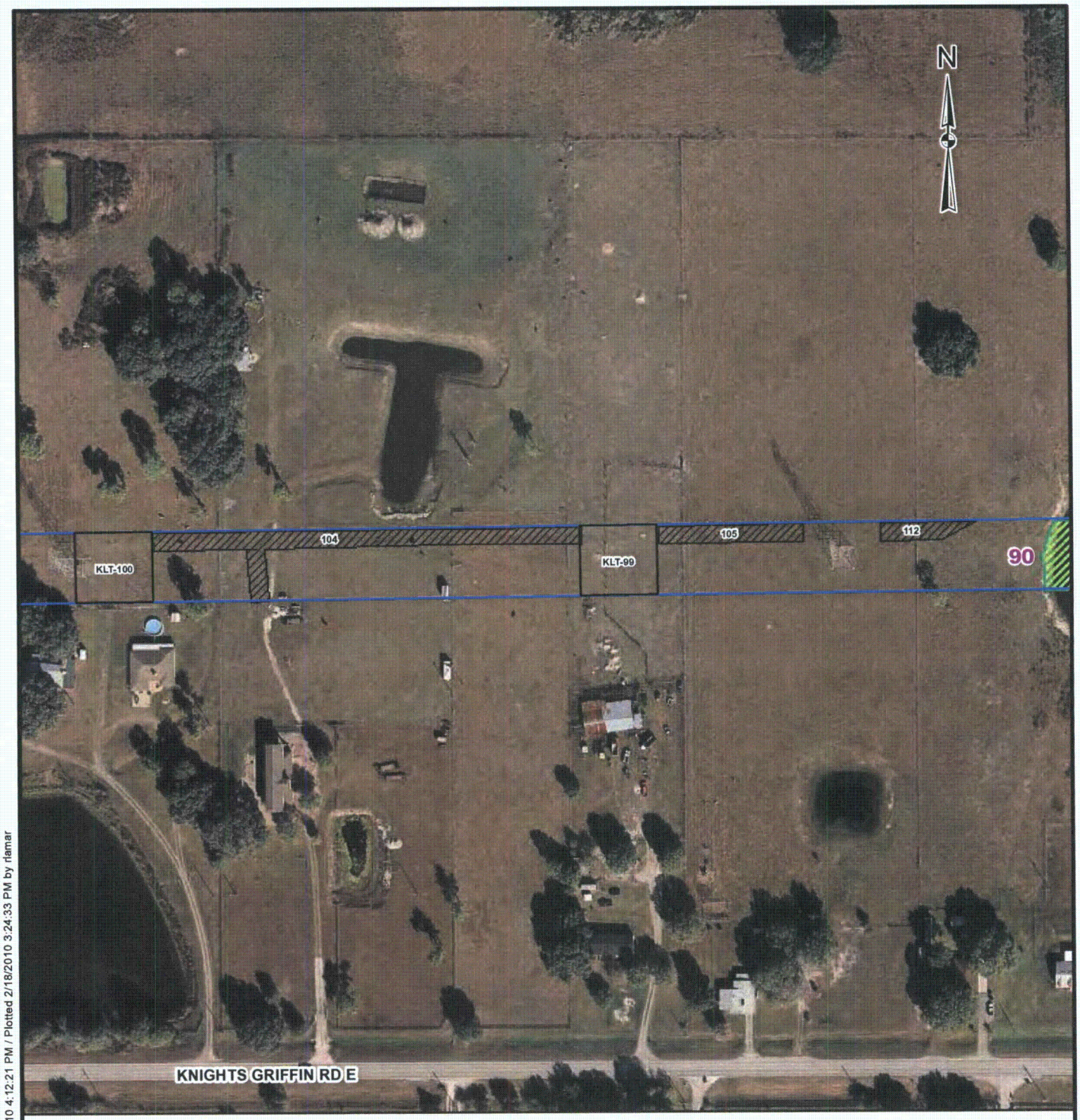
FILE No.	09389547Z001
PROJECT No.	093-89547
REV.	1
SCALE	AS SHOWN
DATE	2/18/2010
DESIGN	KAB
GIS	NRL
CHECK	SR
REVIEW	KAB

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

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 45 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.

Golder Associates
Gainesville, Florida

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

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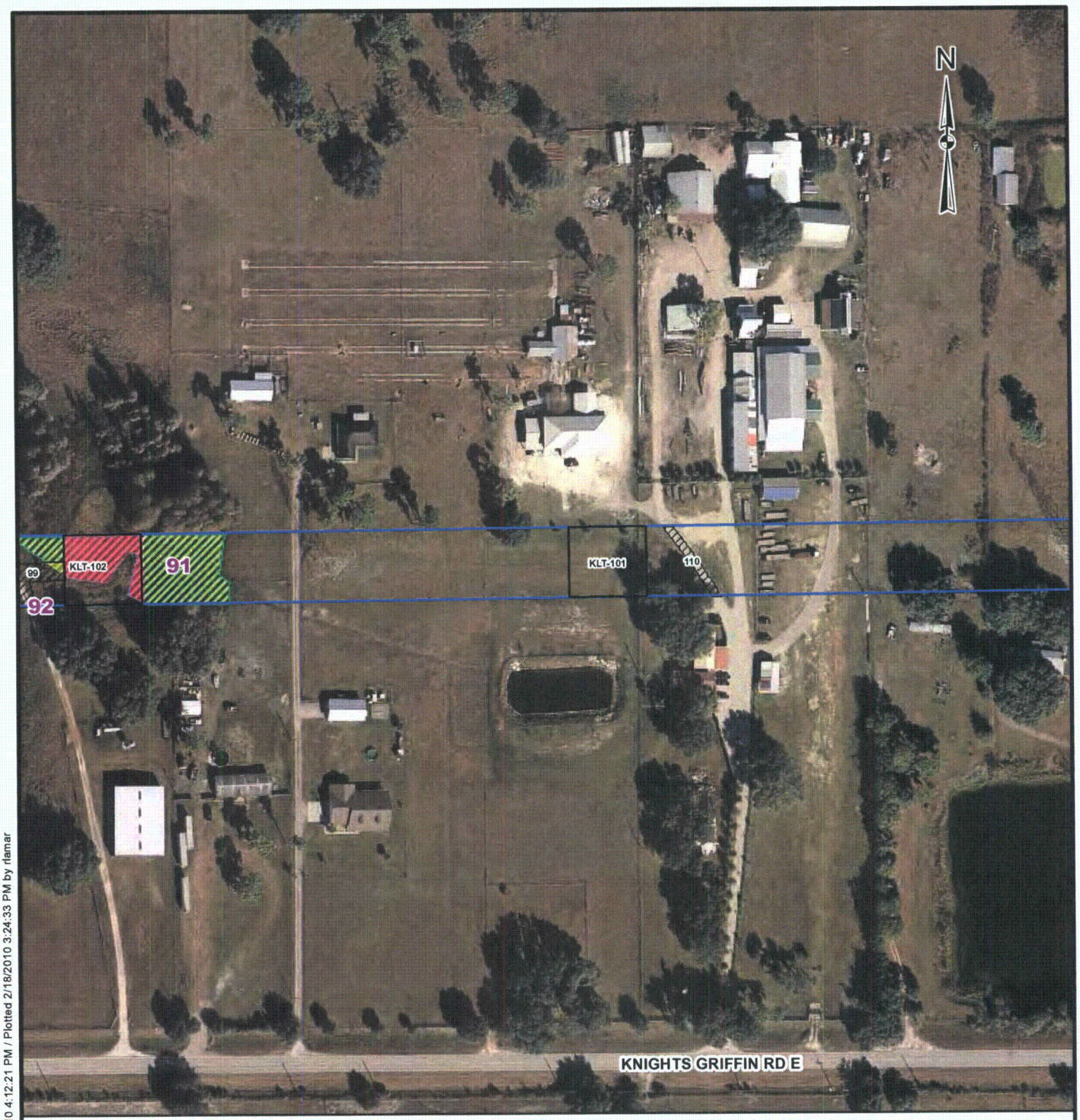
LEVY BASELOAD PROJECT

FIGURE 46 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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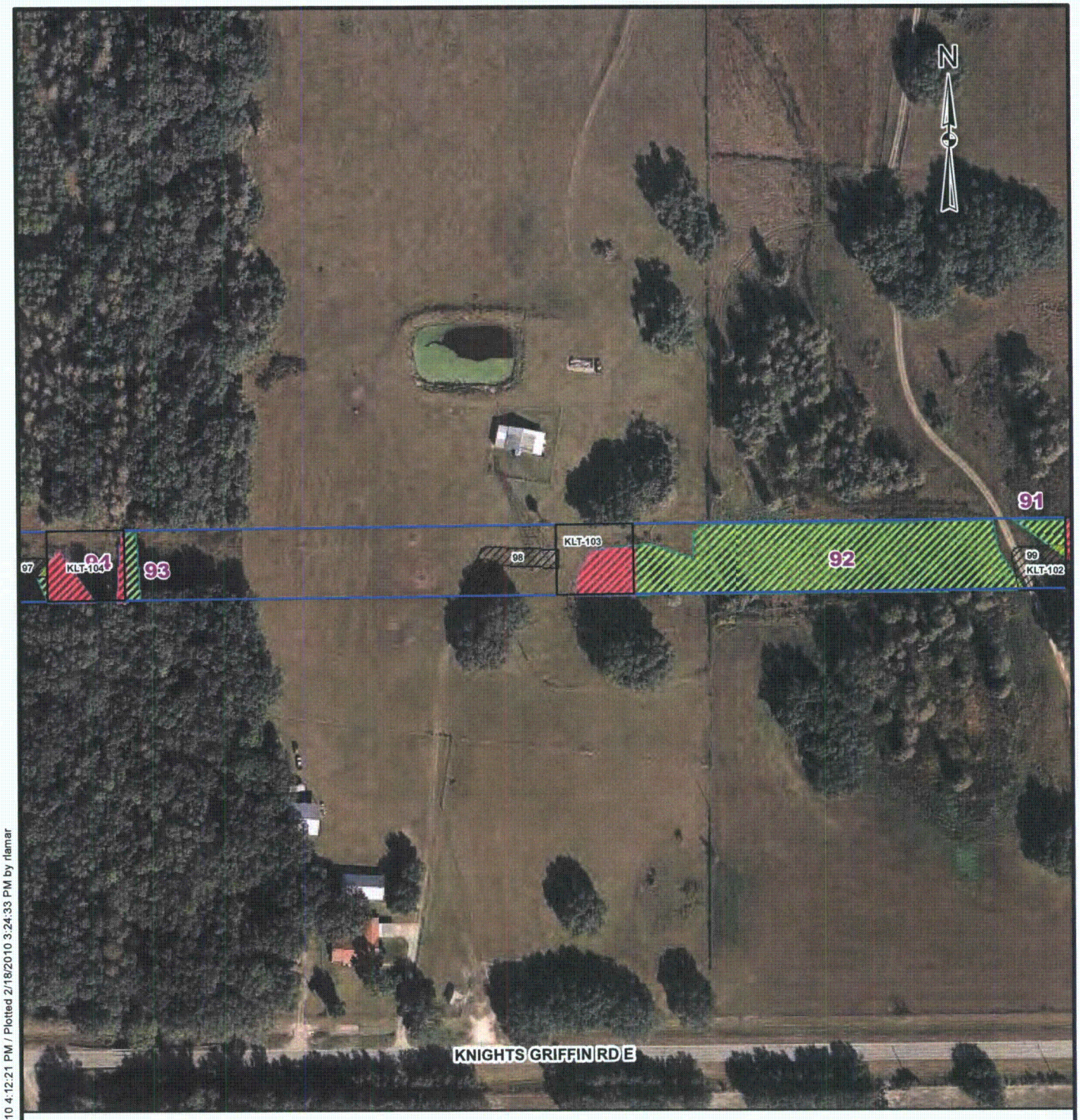
POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 47 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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POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

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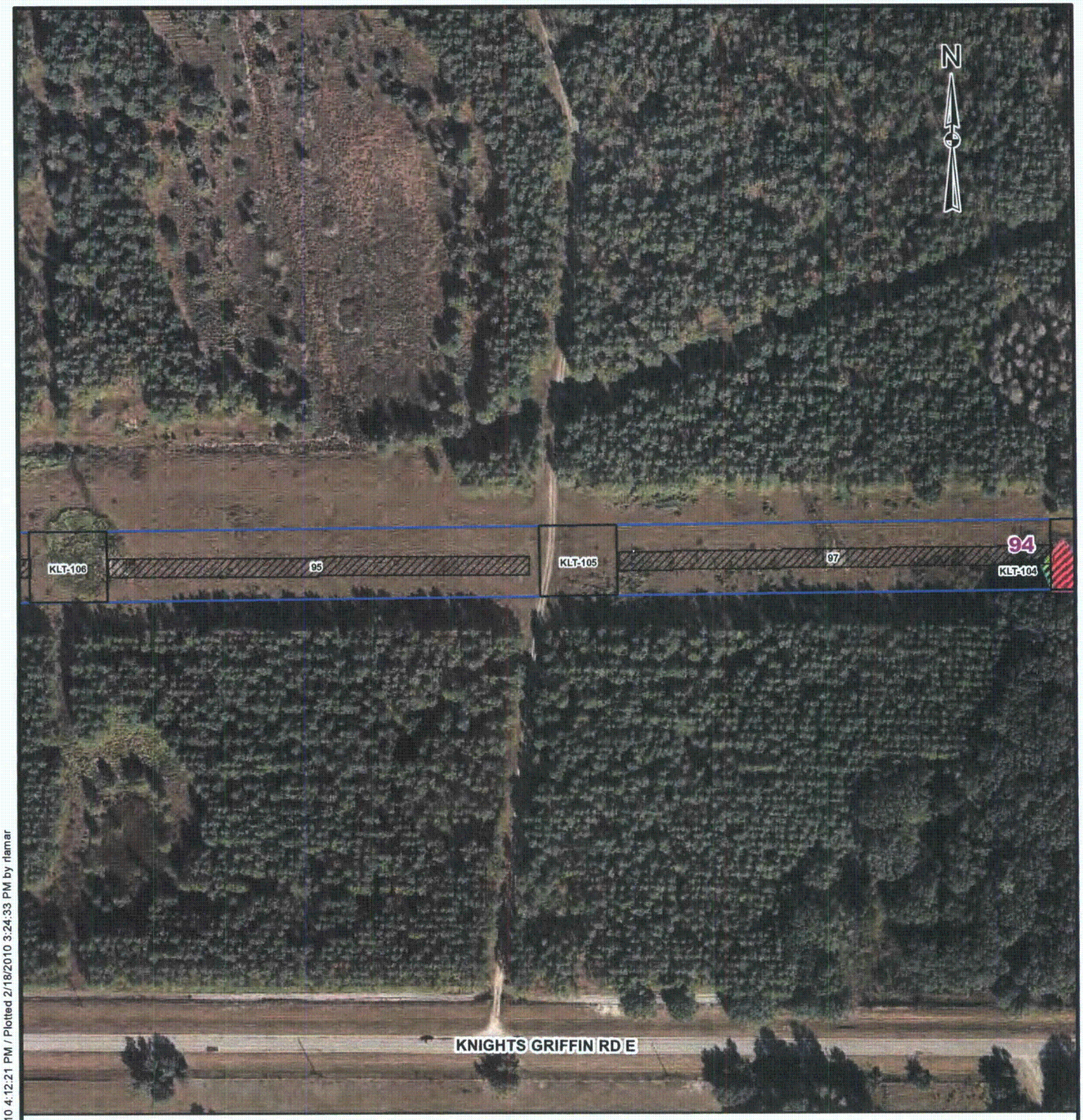
FIGURE 48 of 189

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

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FIGURE 49 of 189

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LEGEND

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

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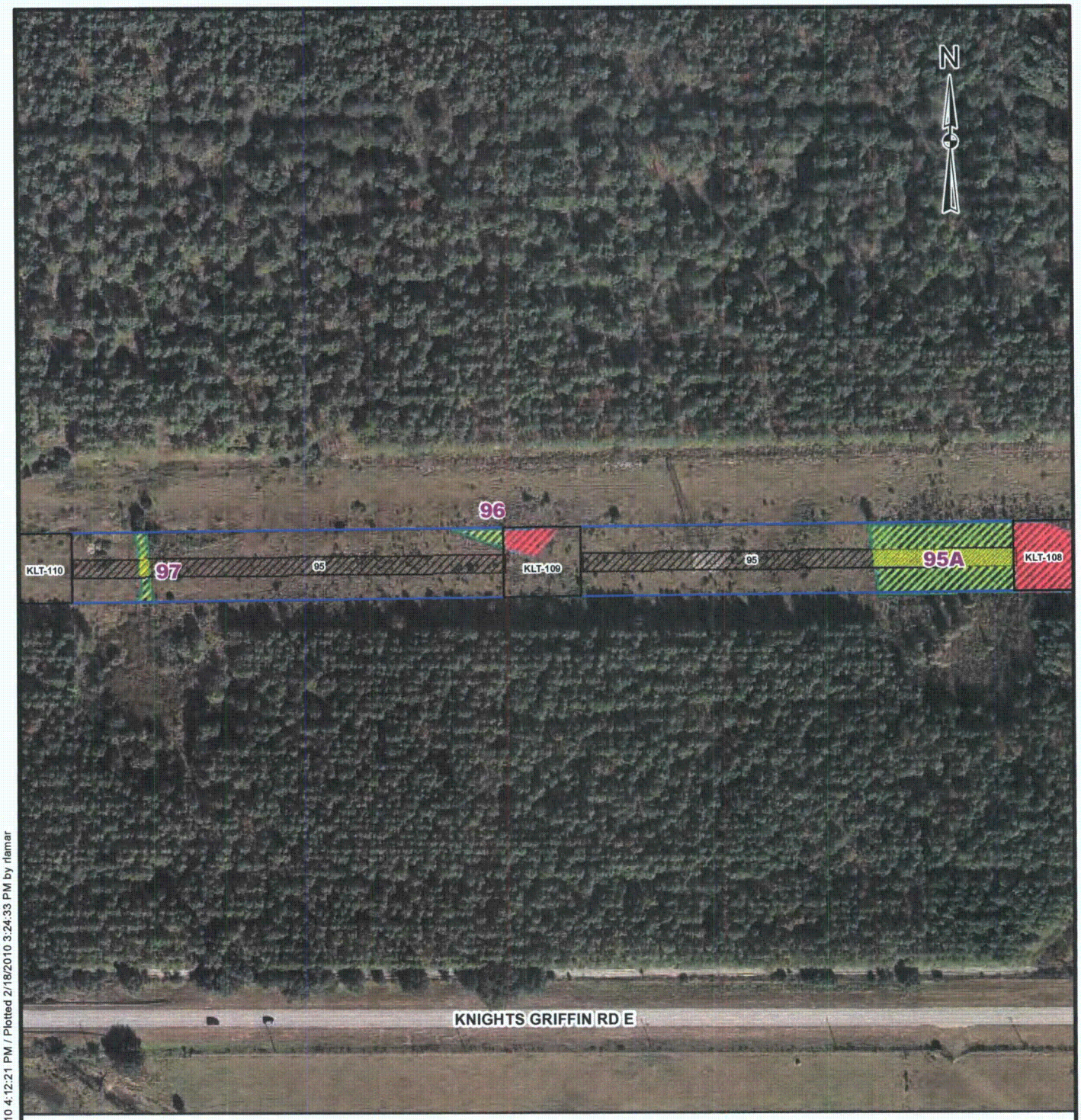
LEVY BASELOAD PROJECT

FIGURE 50 of 189

Map Document: (093895472001_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
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0 100 200 400 Feet

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Golder Associates
Gainesville, Florida

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

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 51 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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POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
LEVY BASELOAD PROJECT

FIGURE 52 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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POLK - HILLSBOROUGH - PINELLAS (PHP) TRANSMISSION LINE WETLAND IMPACT ANALYSIS

PROGRESS ENERGY FLORIDA
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FIGURE 53 of 189

Map Document: (093895472001_Rev1_PHP.mxd / Modified 2/17/2010 4:12:21 PM / Plotted 2/18/2010 3:24:33 PM by tamar