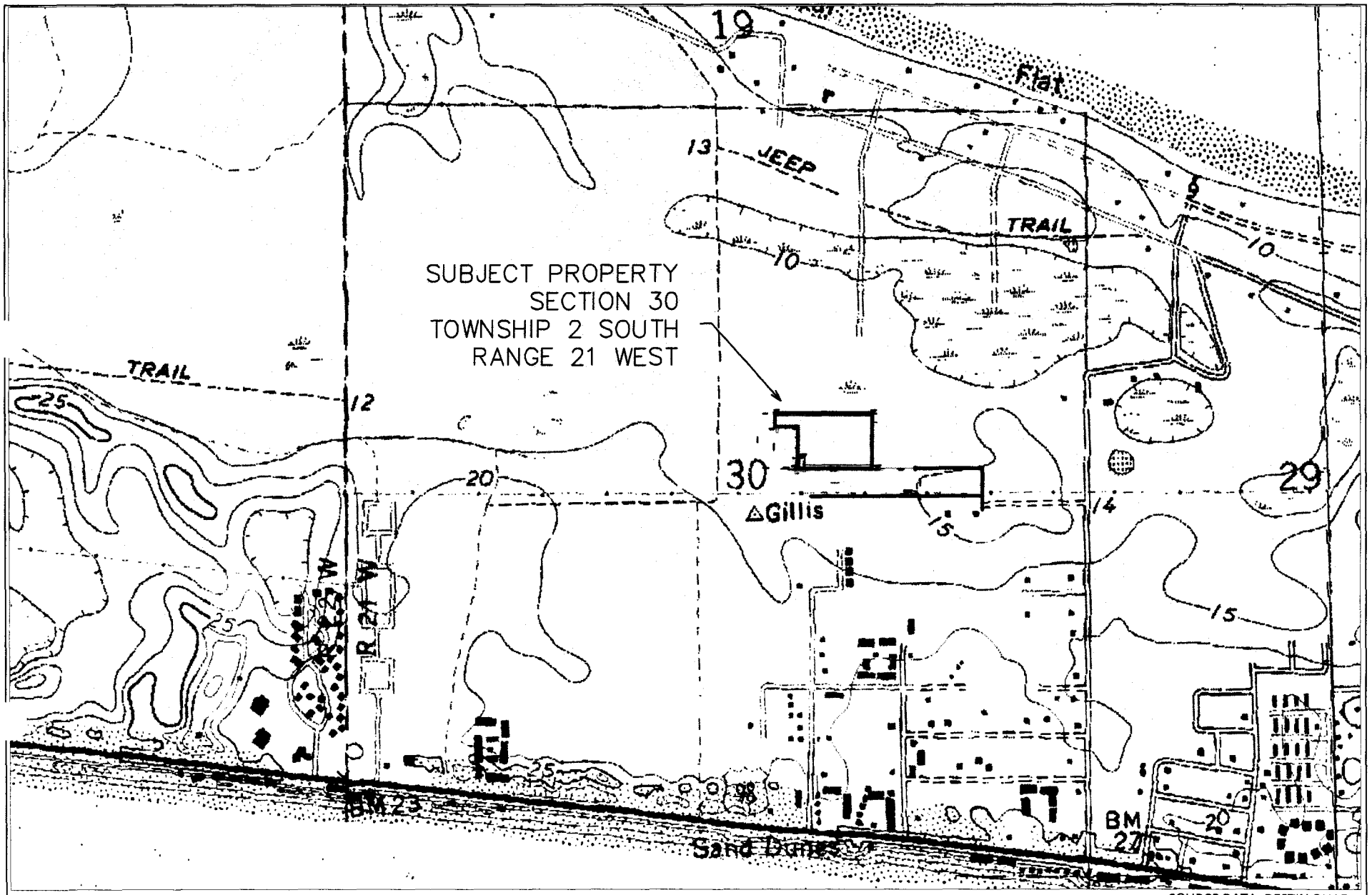


SOURCE DATA: DESTIN QUAD

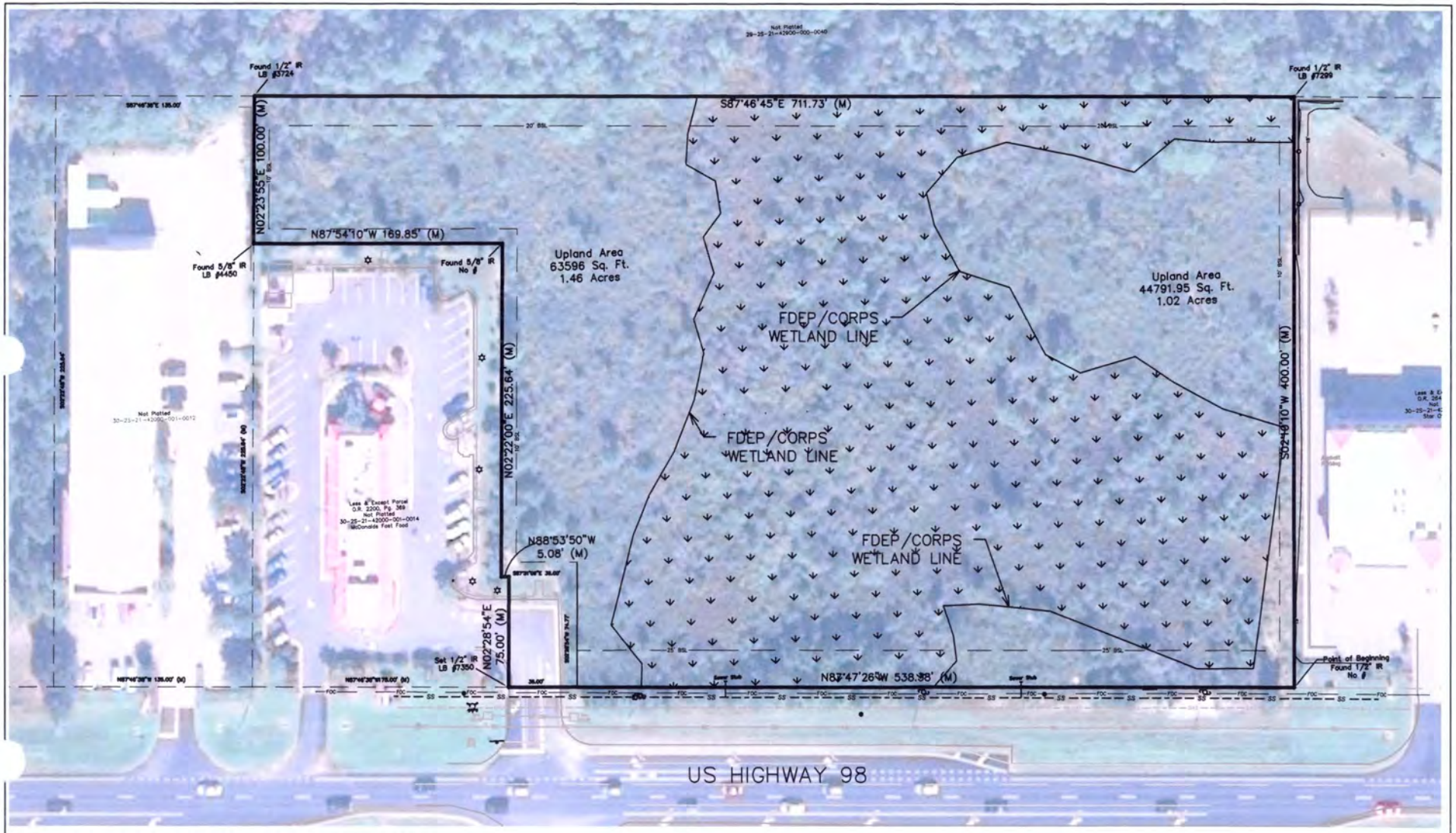
WETLAND SCIENCES INCORPORATED

SUBJECT PARCEL DEPICTED ON USGS QUADRANGLE MAP

PROJECT #2011-181	DATE: JUNE 18, 2012
DRAWN BY: JAT	SCALE: 1"= 1,000'

1000 0 500 1000

(IN FEET)



CORPS/DEP/NWFWMD REGULATED WETLANDS
2.87 ACRES

WETLAND SCIENCES INCORPORATED

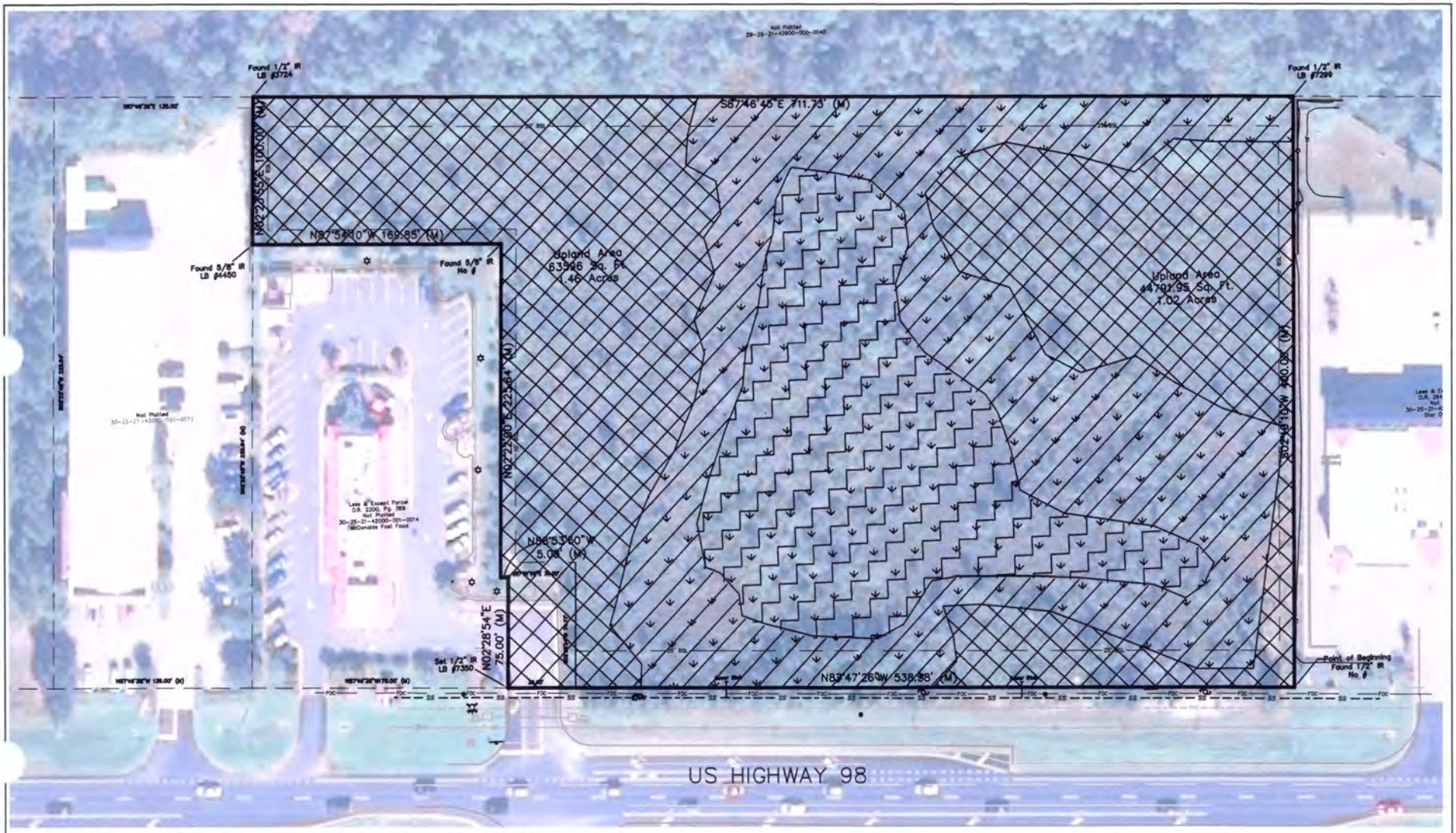
EXISTING SITE CONDITIONS

PROJECT #2011-181	DATE: FEBRUARY 08, 2010
DRAWN BY: JAT	SCALE: 1"= 100'

N

100 0 50 100

(IN FEET)



WET PINE FLATWOODS
1.71 ACRES

DEPRESSION MARSH
1.16 ACRES

UPLAND MESIC FLATWOODS
2.49 ACRES

WETLAND SCIENCES INCORPORATED

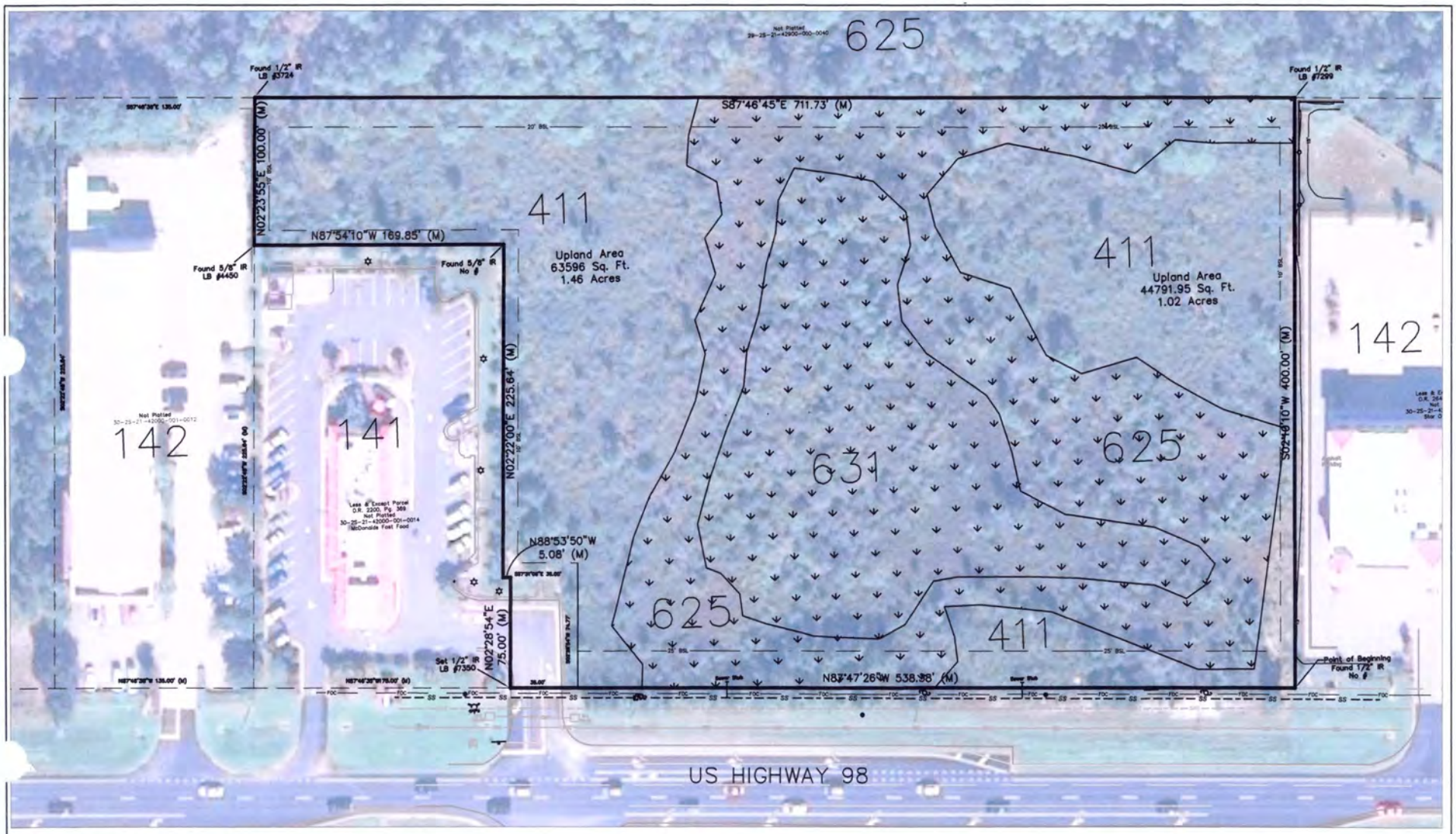
ECOLOGICAL COMMUNITY MAP

PROJECT #2011-181	DATE: FEBRUARY 08, 2010
DRAWN BY: JAT	SCALE: 1"= 100'

N

100 0 50 100

(IN FEET)



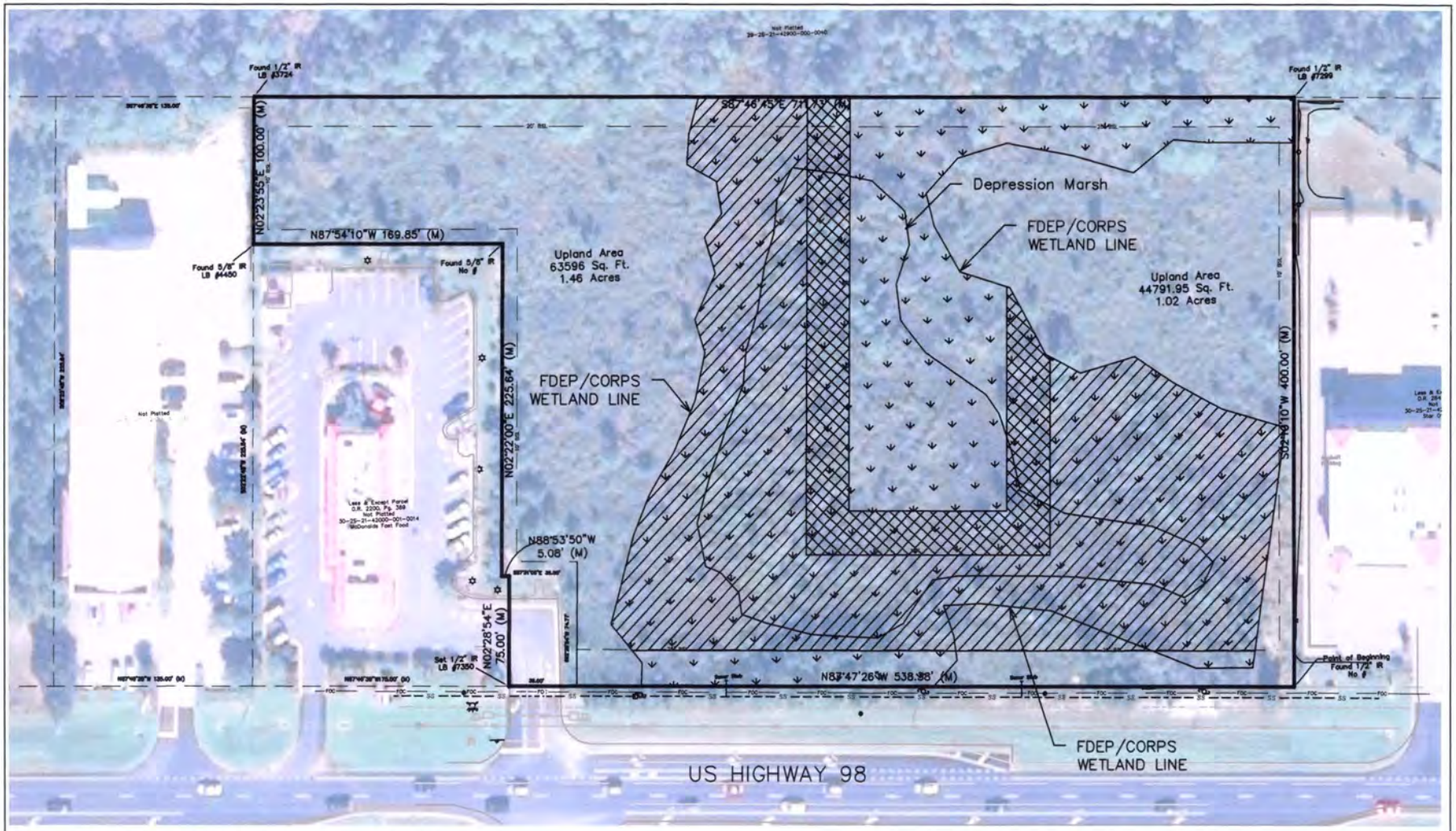
CORPS/DEP/NWFWMD REGULATED WETLANDS
2.87 ACRES

WETLAND SCIENCES INCORPORATED

LAND USE AND LAND COVER MAP

PROJECT #2011-181	DATE: FEBRUARY 08, 2010
DRAWN BY: JAT	SCALE: 1"= 100'

100 0 50 100
(IN FEET)



CORPS/DEP/NWFWMD REGULATED WETLANDS
2.87 ACRES

PRIMARY WETLAND IMPACT
1.65 ACRES

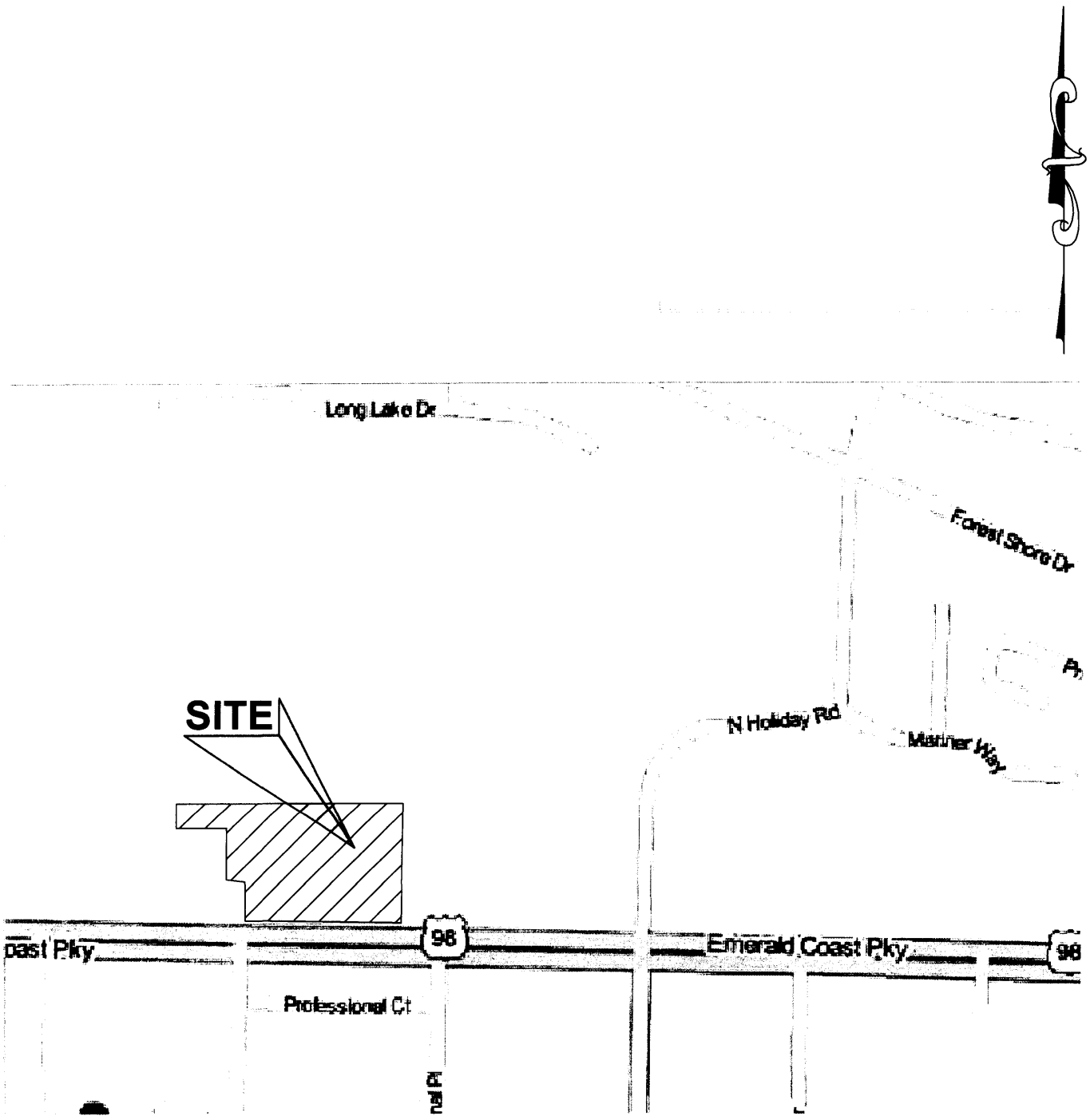
SECONDARY IMPACT TO WETLANDS
THROUGH LOSS OF 30' BUFFER
0.21 ACRES

WETLAND SCIENCES INCORPORATED

WETLAND IMPACT SUMMARY

PROJECT #2011-181	DATE: FEBRUARY 08, 2010
DRAWN BY: JAT	SCALE: 1"= 100'

100 0 50 100
(IN FEET)



CORE ENGINEERING & CONSULTING, INC.
CIVIL & ENVIRONMENTAL ENGINEERING
3997 COMMONS DRIVE W.
SUITE F
DESTIN, FLORIDA 32541
PHONE: (850) 650-2646
FAX: (850) 837-1576
WEB: WWW.CORECONSULTING.COM
CERTIFICATE OF AUTHORIZATION NO. 28155

LOCATION MAP

JOB NO.:	2000.012.003
DATE:	MAY 11, 2012
SCALE:	NA
DESIGNED:	ELS
DRAWN:	CES
CHECKED:	ELS

FIGURE: 1 of 1

SEAL

EDWIN L. STANFORD, P.E.
FL. REG. NO. 57865

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WETLANDS AREA FILLED = 71,693 S.F (1.65 ACRES)
WETLANDS VOLUME FILLED = 318,836 C.F (11,808.7 C.Y.)

Not Platted
29-25-21-42000-000-0040

Found 1/2" IR
LB #3724

FOUND 1/2" IR
W/CAP PSM #6178
SW CORNER LOT 15

7.30'

FOUND 45 SCALE
GRAPHIC SCALE
NO. #
(1 INCH = 100 FEET)

268.57' (M)

EAST 259.5' OF
WEST 267' OF
LOT 16 (D)

260.86' (M)

Found 1/2" IR
LB #7299

Masonry 126.49' (M)
2.3 125.00' (D)

WEST 7.5' OF
LOT 16

EX. USE: SINGLE FAMILY
F.L.U.: LDR
LOT 17

N01°08'17"E 309.66'

N01°08'17"E 309.60'

Found 5/8" IR
LB #4450

Found 5/8" IR
No #

FOUND 4" CM
NO #

N88°36'47"W 259.42' (M)

FOUND 5/8" IR
W/CAP LB #4450

Lease & Except Parcel
O.R. 2947, Pg. 355
Not Platted
30-25-21-42000-001-0070
Star Office Park

Lease & Except Parcel
O.R. 2200, Pg. 309
Not Platted
30-25-21-42000-001-0014
McDonalds Fast Food

18" RCP
INV. 15.69'

INV
19.20'

24.00'

Cross
Ingress-Egress
Easement
O.R. 2718,
Pg. 632

Ingress-Egress
Easement
O.R. 2200,
Pg. 371

169.00'

Set 1/2" IR
LB #7350

Point of Beginning
Found 1/2" IR
No #

U. S. Highway 98
200' R/W

CORE ENGINEERING & CONSULTING, INC.
CIVIL & ENVIRONMENTAL ENGINEERING
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PHONE: (850) 650-2846
FAX: (850) 837-1576
WEB: WWW.COREconsulting.com
CERTIFICATE OF AUTHORIZATION NO. 28155

Revisions:

Seal:

GERIN L. STAFFORD, P.E.
FL REG. NO. 57995

EXISTING CONDITIONS
Not valid unless bearing Engineer's embossed seal

Job No.: 2000.012.003
Date: MAY 11, 2012
Scale: 1=30
Designed: ELS
Drawn: CES
Checked: ELS
Sheet: 1 of 3

C-1

WETLANDS AREA FILLED = 71,693 S.F (1.65 ACRES)
WETLANDS VOLUME FILLED = 318,835 C.F (11,808.7 C.Y.)

Not Platted
29-2S-21-42900-000-0040

GRAPHIC SCALE
(1 INCH = 30 FEET)

Found 1/2" IR
LB #3724

Found 1/2" IR
LB #7299

Found 5/8" IR
LB #4450

Found 5/8" IR
No #

Upland Area
63596 Sq. Ft.
1.46 Acres

Upland Area
44791.95 Sq. Ft.
1.02 Acres

Jurisdictional Wetlands Line
Delineated by others

EX USE: SINGLE FAMILY
FLU: VRU

DOUBLE ROW SILT FENCE

PROPOSED FILL LINE

PROPOSED FILLED
AREA = 71693 SF

(3) 36" R.C.P.

Less & Except Parcel
O.R. 2200, Pg. 369
Not Platted
30-2S-21-42000-001-0014
McDonalds Fast Food

Asphalt Parking

Cross Ingress-Egress Easement
O.R. 2715, Pg. 632

Ingress-Egress Easement
O.R. 2200, Pg. 376

Set 1/2" IR
LB #7350

N87°46'38"W175.00' (M)

S02°22'46"W 225.64' (M)

Point of Beginning
Found 1/2" IR
No #

Sewer Stub

24" CMP

Inv. 10.40

Inv. 10.51

UPLAND MESIC FLATWOODS
2.49 ACRES

WET PINE FLATWOODS
1.71 ACRES

DEPRESSION MARSH
1.16 ACRES

U. S. Highway 98
200' R/W

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FAX: (850) 837-1576
WEB: WWW.COREconsulting.COM
CERTIFICATE OF AUTHORIZATION NO. 28155

Revisions:

Seal:

EDWIN L. STANFORD, P.E.
FL REG. NO. 57865

TRAE PROPERTY

ECOLOGICAL COMMUNITIES

Not valid unless bearing Engineer's embossed seal

Job No.:	2000.012.003
Date:	MAY 11, 2012
Scale:	1=30
Designed:	ELS
Drawn:	CES
Checked:	ELS
Sheet:	1 of 3

C-2

WETLANDS AREA FILLED = 71,693 S.F (1.65 ACRES)
WETLANDS VOLUME FILLED = 318,835 C.F (11,808.7 C.Y.)

Found 1/2" IR LB #3724

Not Platted 29-25-21-42900-000-0040

FOUND 1/2" IR W/CAP PSM #6178 SW CORNER LOT 15

7.30'

FOUND 4"x4" CONC GRAVE MONUMENT NO. 30 (1 INCH = 100 FEET)

268.57' (M)

EAST 259.5' OF WEST 267' OF LOT 16 (D)

260.86' (M)

Found 1/2" IR LB #7299

Masonry 136.40' (M) 275.00' (D)

DEPTH = 3 FT VOL = 32,728 CF

Upland Area 63508 Sq. Ft. 1.46 Acres

Jurisdictional Wetlands Line Delineated by others

EX. USE: SINGLE FAMILY
F.L.U.: MDR 4.7

WEST 7.5' OF LOT 16

Upland Area 44791.95 Sq. Ft. 1.02 Acres

DEPTH = 3 FT VOL = 14,274 CF

N01°08'17"E 309.60'

N01°04'19"E 311.29' (M)

Jurisdictional Wetlands Line Delineated by others

Headwall West

Found 5/8" IR LB #4450

Found 5/8" IR No #

A

PROPOSED FILL LINE

6,400 SF RESTAURANT (100' X 64')

PROPOSED FILL LINE

FOUND 5/8" IR W/CAP LB #4450

Lake & Except Parcel O.R. 2647, Pg. 335 Not Platted 30-25-21-42000-001-0070 Star Office Park

D

PROPOSED FILLED AREA = 71,693 SF

(REMOVE)

(REMOVE)

(REMOVE)

C

(3) 36" R.C.P.

PROPOSED FILL LINE

Lake & Except Parcel O.R. 2200, Pg. 369 Not Platted 30-25-21-42000-001-0014 McDonalds Fast Food

Cross Ingress-Egress Easement O.R. 2718, Pg. 632

Ingress-Egress Easement O.R. 2200, Pg. 378

Set 1/2" IR LB #7350

Point of Beginning Found 1/2" IR No #

B

C

PROPOSED FILL LINE

E

U.S. Highway 98
200' R/W

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FAX: (850) 837-1576
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CERTIFICATE OF AUTHORIZATION NO. 28155

Revisions:

Seal:

EDWIN L. STANFORD, P.E.
FL. REG. NO. 57365

PROPOSED PROPERTY

SITE PLAN
Not valid unless bearing Engineer's embossed seal

Job No: 2000.012.003
Date: MAY 11, 2012
Scale: 1=30
Drawn: ELS
Checked: ELS
Sheet: 1 of 3
C-3

– WETLANDS

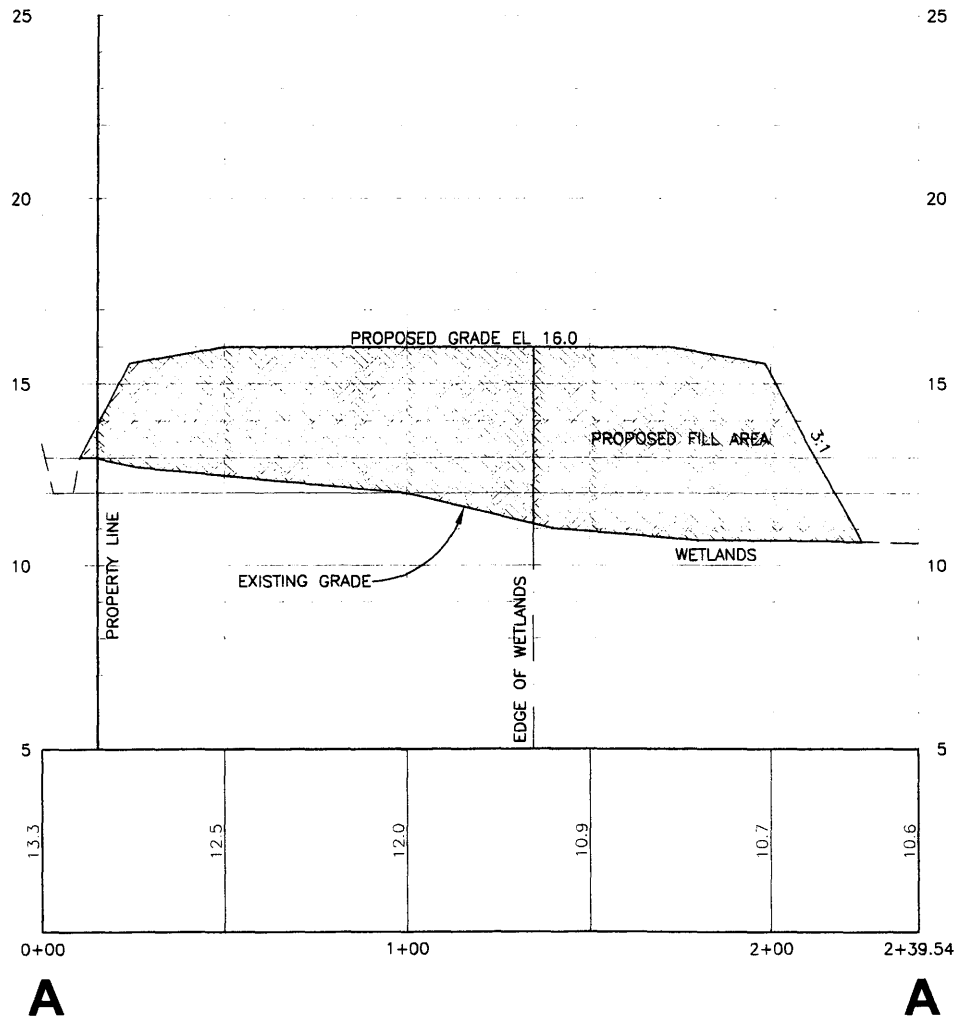
– FILL MATERIAL

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

WETLANDS AREA FILLED = 71,693 S.F (1.65 ACRES)

WETLANDS VOLUME FILLED = 318,835 C.F (11,808.7 C.Y.)



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SUITE F
DESTIN, FLORIDA 32541
PHONE: (850) 650-2646
FAX: (850) 837-1576
WEB: WWW.CORECONSULTING.COM
CERTIFICATE OF AUTHORIZATION NO. 28155

TRAE PROPERTY

SECTION A-A (1 OF 1)

JOB NO.:	2000.012.003
DATE:	MAY 11, 2012
SCALE:	1" = 50'
DESIGNED:	ELS
DRAWN:	CES
CHECKED:	ECS
FIGURE:	1 of 1

SEAL: EDWIN L. STANFORD, P.E. LICENSED NO. 57865

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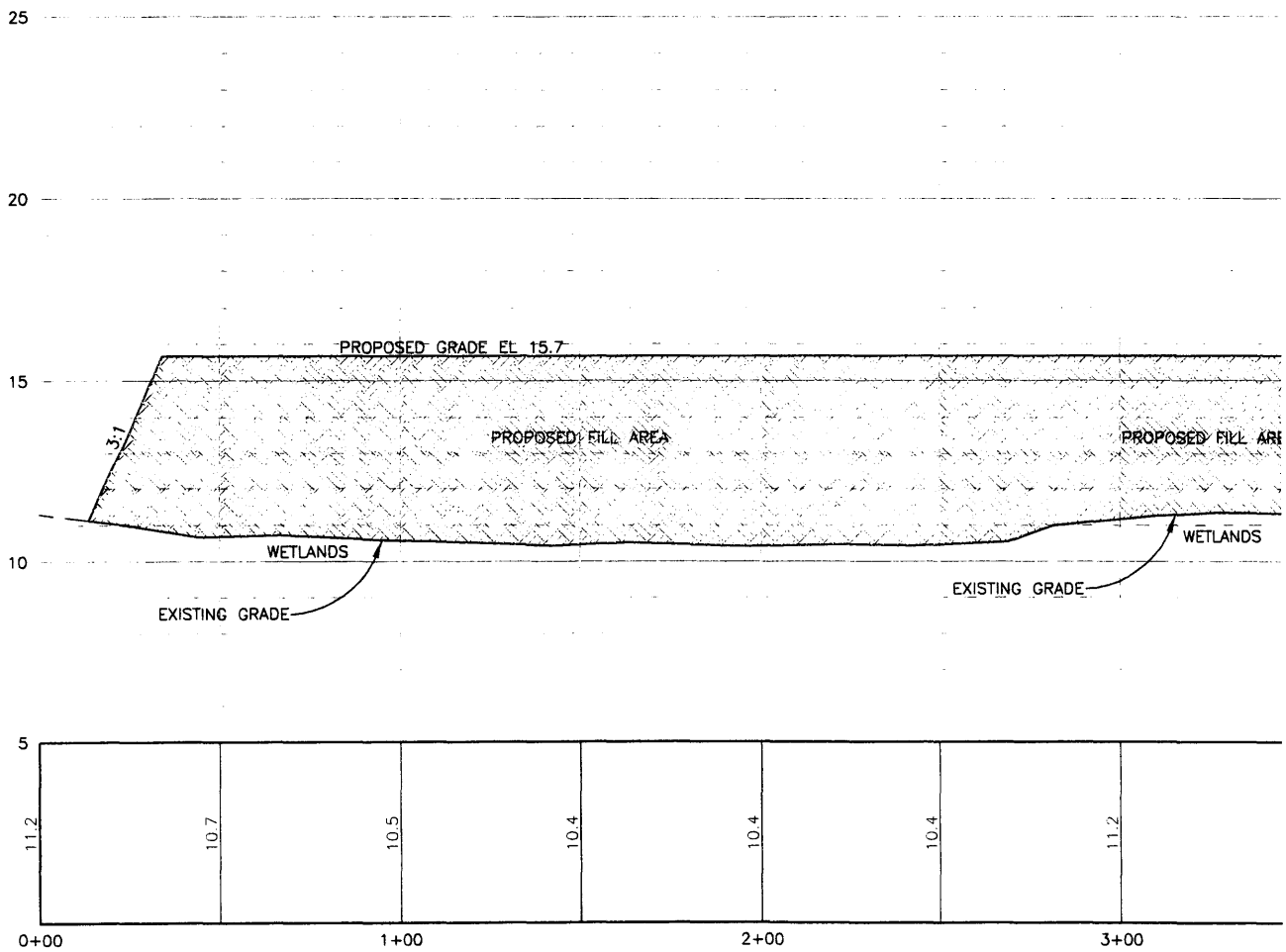
- WETLANDS
- FILL MATERIAL

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

WETLANDS AREA FILLED = 71,693 S.F (1.65 ACRES)

WETLANDS VOLUME FILLED = 318,835 C.F (11,808.7 C.Y.)



B

CORE ENGINEERING & CONSULTING, INC.
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SUITE F
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PHONE: (850) 650-2646
FAX: (850) 837-1576
WEB: WWW.CORECONSULTING.COM
CERTIFICATE OF AUTHORIZATION NO. 28155

TRAE PROPERTY

SECTION B-B

JOB NO.:	2000.012.003
DATE:	MAY 11, 2012
SCALE:	1" = 50'
DESIGNED:	ELS
DRAWN:	CBS
CHECKED:	ELS

FIGURE: 1 OF 2

SEAL
EDWIN L. STANFORD, P.E.
FL REG. NO. 57865

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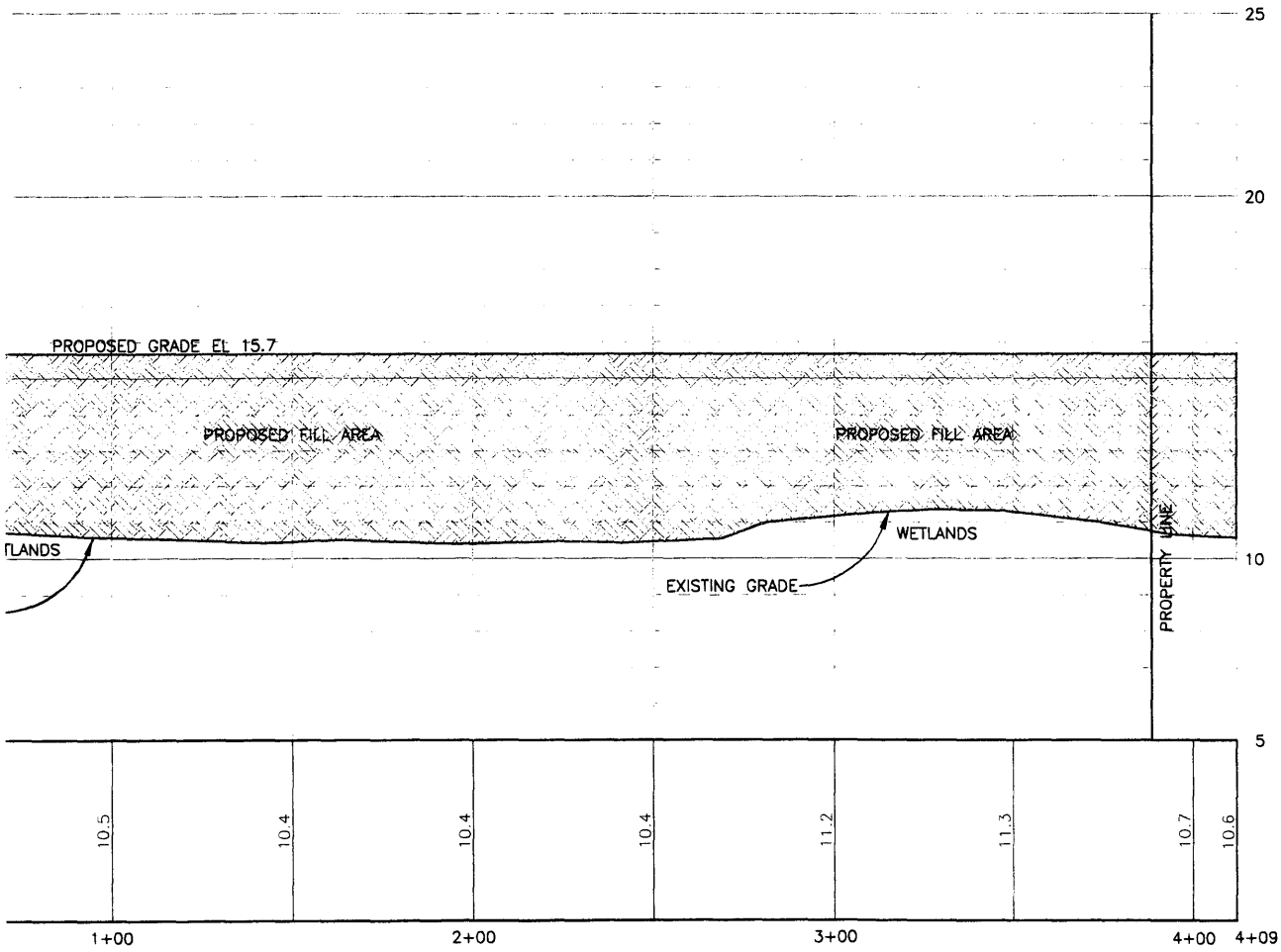
- WETLANDS
- FILL MATERIAL

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

WETLANDS AREA FILLED = 71,693 S.F (1.65 ACRES)

WETLANDS VOLUME FILLED = 318,835 C.F (11,808.7 C.Y.)



B

CORE ENGINEERING & CONSULTING, INC.
CIVIL & ENVIRONMENTAL ENGINEERING
3997 COMMONS DRIVE W.
SUITE F
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PHONE: (850) 650-2646
FAX: (850) 837-1576
WEB: WWW.CORECONSULTING.COM
CERTIFICATE OF AUTHORIZATION NO. 28155

TRAE PROPERTY

SECTION B-B

JOB NO.:	2000.012.003
DATE:	MAY 11, 2012
SCALE:	1" = 50'
DESIGNED:	ELS
DRAWN:	CES
CHECKED:	ELS

FIGURE: 2 of 2

EDWIN L. STANFORD
LICENSE
No 57865
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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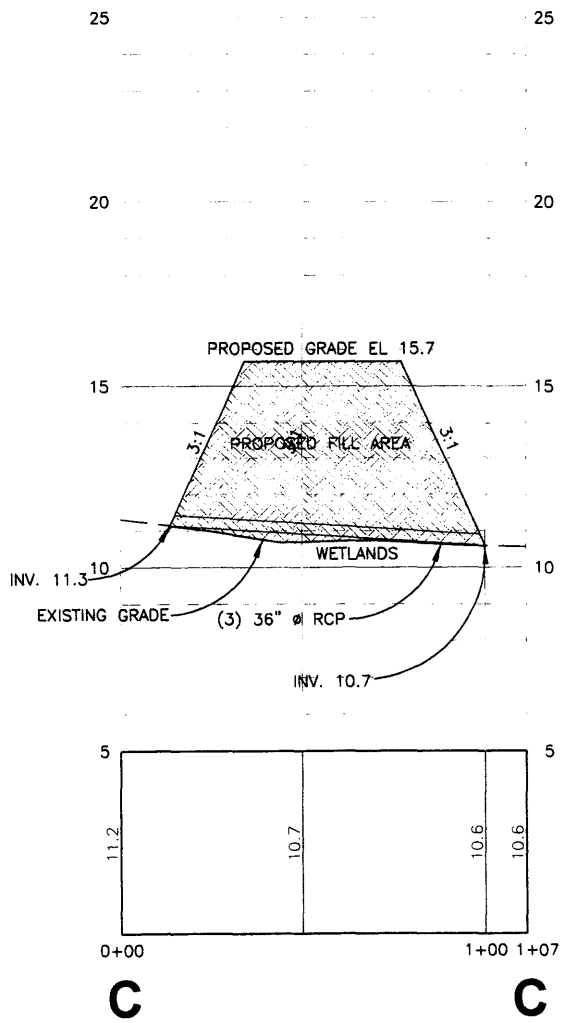
- WETLANDS
- FILL MATERIAL

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

WETLANDS AREA FILLED = 71,693 S.F (1.65 ACRES)

WETLANDS VOLUME FILLED = 318,835 C.F (11,808.7 C.Y.)



CORE ENGINEERING & CONSULTING, INC.
CIVIL & ENVIRONMENTAL ENGINEERING
3997 COMMONS DRIVE W.
SUITE F
DESTIN, FLORIDA 32541
PHONE: (850) 650-2646
FAX: (850) 837-1576
WEB: WWW.CORECONSULTING.COM
CERTIFICATE OF AUTHORIZATION NO. 28155

TRAE PROPERTY

SECTION C-C

JOB NO.:	2000.012.003
DATE:	MAY 11, 2012
SCALE:	1" = 50'
DESIGNED:	ELS
DRAWN:	CFS
CHECKED:	ELS
FIGURE:	11 of 11

SEAL

EDWARD L. STANFORD
LICENSED
No 57865
STATE OF FLORIDA
PROFESSIONAL ENGINEER

EDWARD L. STANFORD, P.E.
FL. REG. NO. 57865

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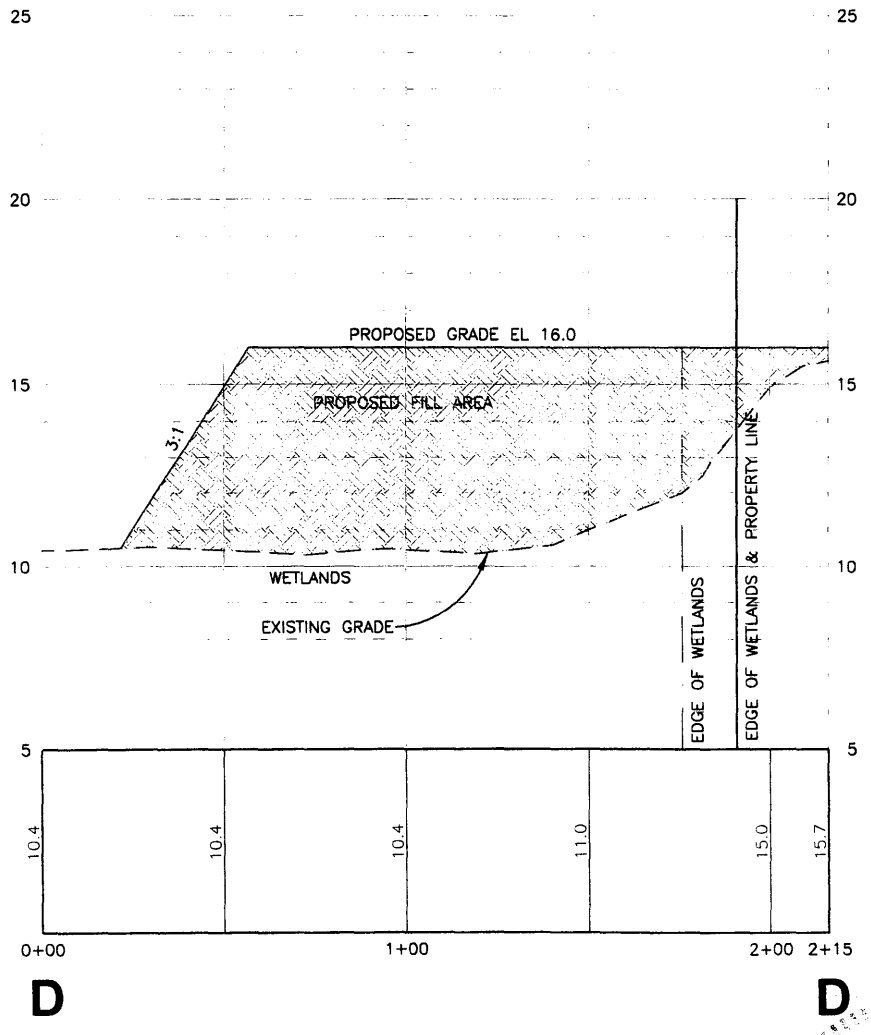
- WETLANDS
- FILL MATERIAL

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

WETLANDS AREA FILLED = 71,693 S.F (1.65 ACRES)

WETLANDS VOLUME FILLED = 318,835 C.F (11,808.7 C.Y.)



CORE ENGINEERING & CONSULTING, INC.
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3997 COMMONS DRIVE W.
SUITE F
DESTIN, FLORIDA 32541
PHONE: (850) 650-2646
FAX: (850) 837-1576
WEB: WWW.CORECONSULTING.COM
CERTIFICATE OF AUTHORIZATION NO. 28155

TRAE PROPERTY

SECTION D-D

JOB NO.: 2008.012.005
DATE: MAY 11, 2012
SCALE: 1" = 50'
DESIGNED: ELS
DRAWN: CBS
CHECKED: ELS

FIGURE 1 of 1

SEAL
EDWARD L. STANFORD, P.E.
FL REG NO. 57865

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– WETLANDS

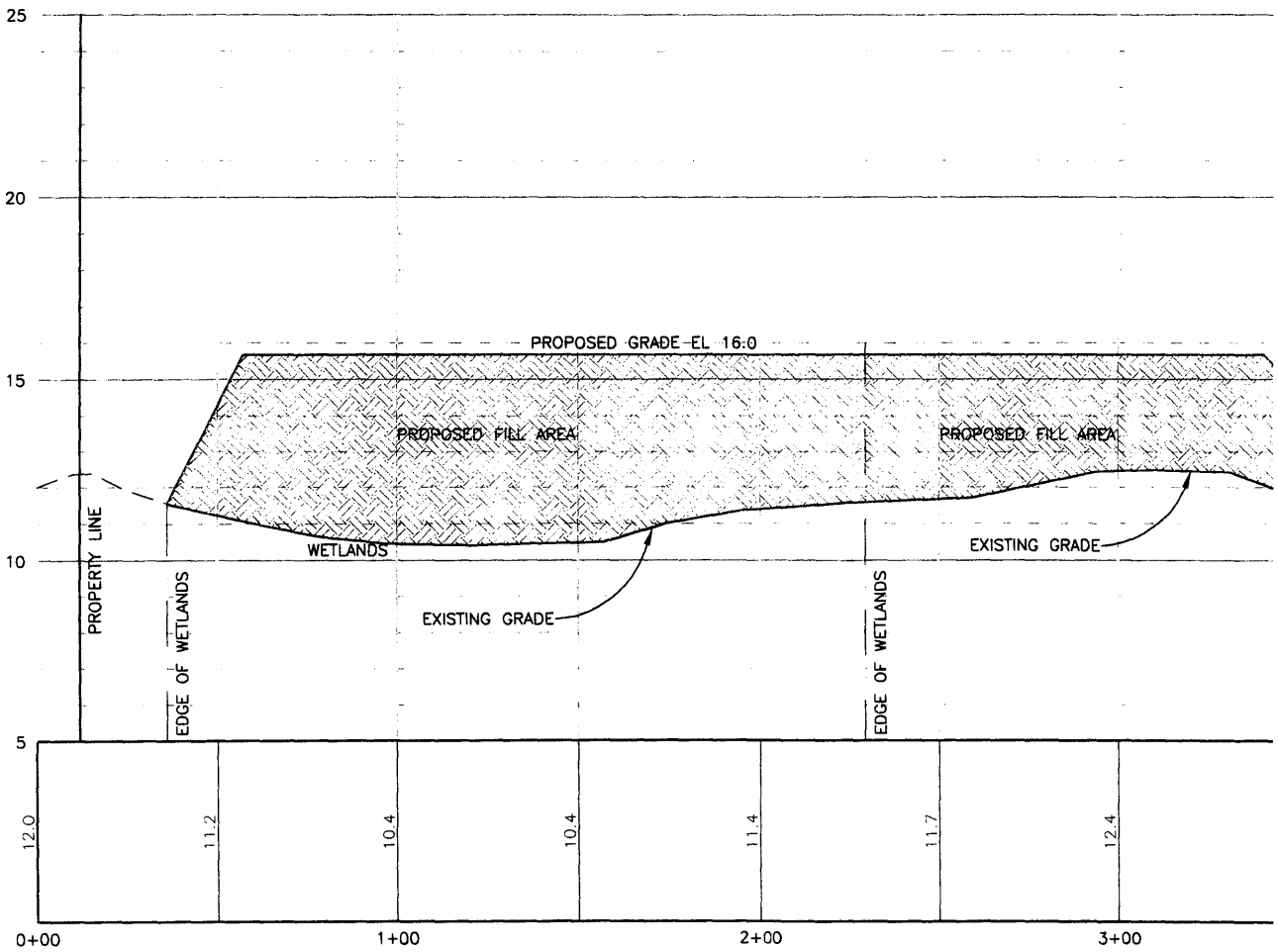
– FILL MATERIAL

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

WETLANDS AREA FILLED = 71,693 S.F (1.65 ACRES)

WETLANDS VOLUME FILLED = 318,835 C.F (11,808.7 C.Y.)



E

CORE ENGINEERING & CONSULTING, INC.
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3997 COMMONS DRIVE W.
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DESTIN, FLORIDA 32541
PHONE: (850) 650-2646
FAX: (850) 837-1576
WEB: WWW.CORECONSULTING.COM
CERTIFICATE OF AUTHORIZATION NO. 28155

TRAE PROPERTY

SECTION E-E

JOB NO.:	2000.012.003
DATE:	MAY 11, 2001
SCALE:	1" = 50'
DESIGNED:	ELS
DRAWN:	CES
CHECKED:	ELS

FIGURE 5 of 8

STATE OF FLORIDA
DOUGLAS L. STANFORD
LICENSE
NO. 57865
REGISTERED PROFESSIONAL ENGINEER

DOUGLAS L. STANFORD, P.E.
FL. REG. NO. 57865

THIS DRAWING IS THE PROPERTY OF CORE ENGINEERING & CONSULTING, INC. & IS NOT TO BE REPRODUCED WITHOUT EXPRESSED WRITTEN CONSENT.

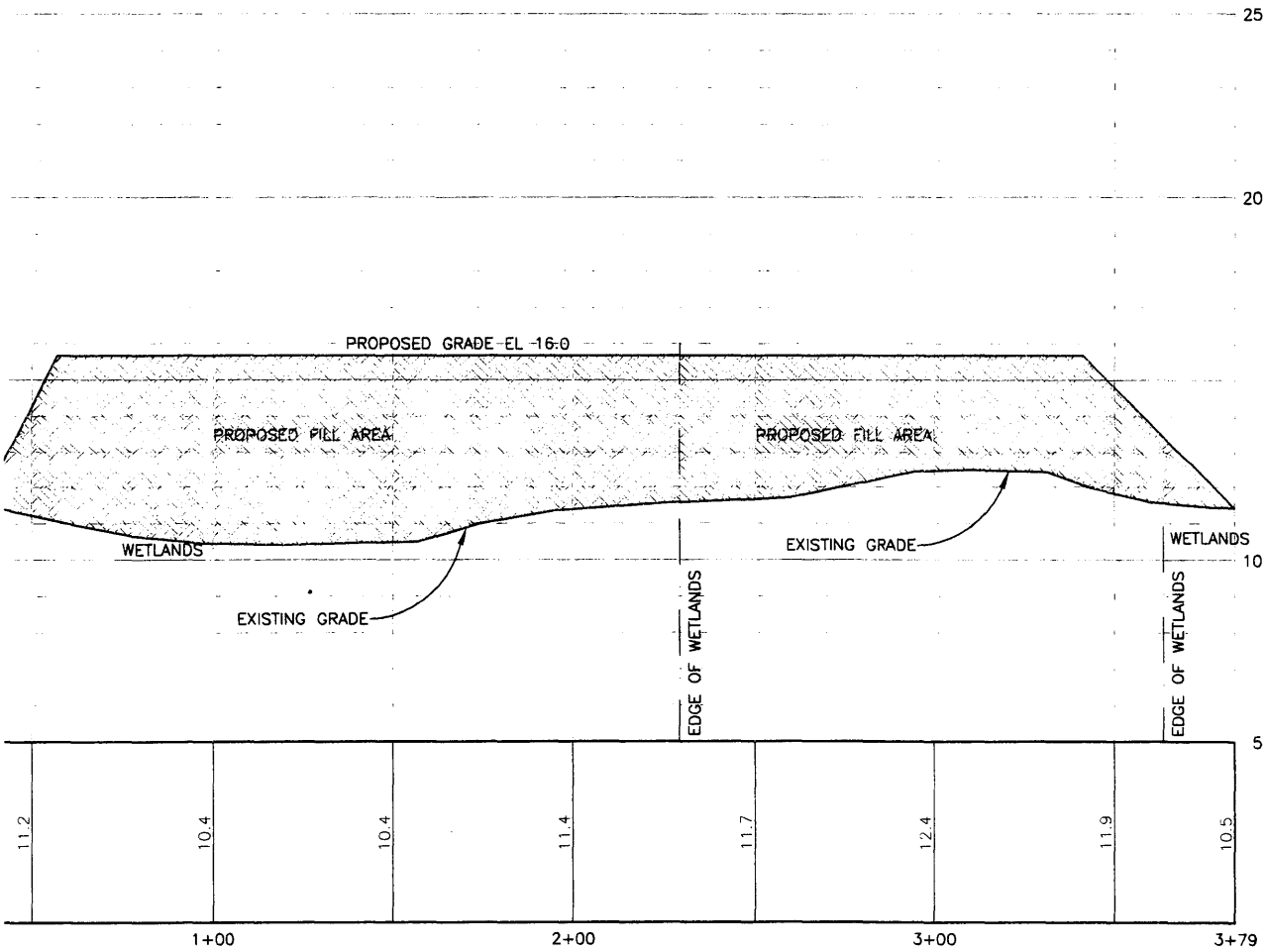
- WETLANDS
- FILL MATERIAL

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

WETLANDS AREA FILLED = 71,693 S.F (1.65 ACRES)

WETLANDS VOLUME FILLED = 318,835 C.F (11,808.7 C.Y.)



CORE ENGINEERING & CONSULTING, INC.
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3997 COMMONS DRIVE W.
SUITE F
DESTIN, FLORIDA 32541
PHONE: (850) 650-2646
FAX: (850) 837-1576
WEB: WWW.CORECONSULTING.COM
CERTIFICATE OF AUTHORIZATION NO. 28155

TRAE PROPERTY

SECTION E-E

JOB NO.:	2000.012.003
DATE:	MAY 11, 2012
SCALE:	1" = 50'
DESIGNED:	ELS
DRAWN:	ELS
CHECKED:	EES
FIGURE:	2 OF 2

SEAL

EDWIN L. STANFORD
LICENSE
No. 57885
STATE OF FLORIDA
PROFESSIONAL ENGINEER
6/22/12

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