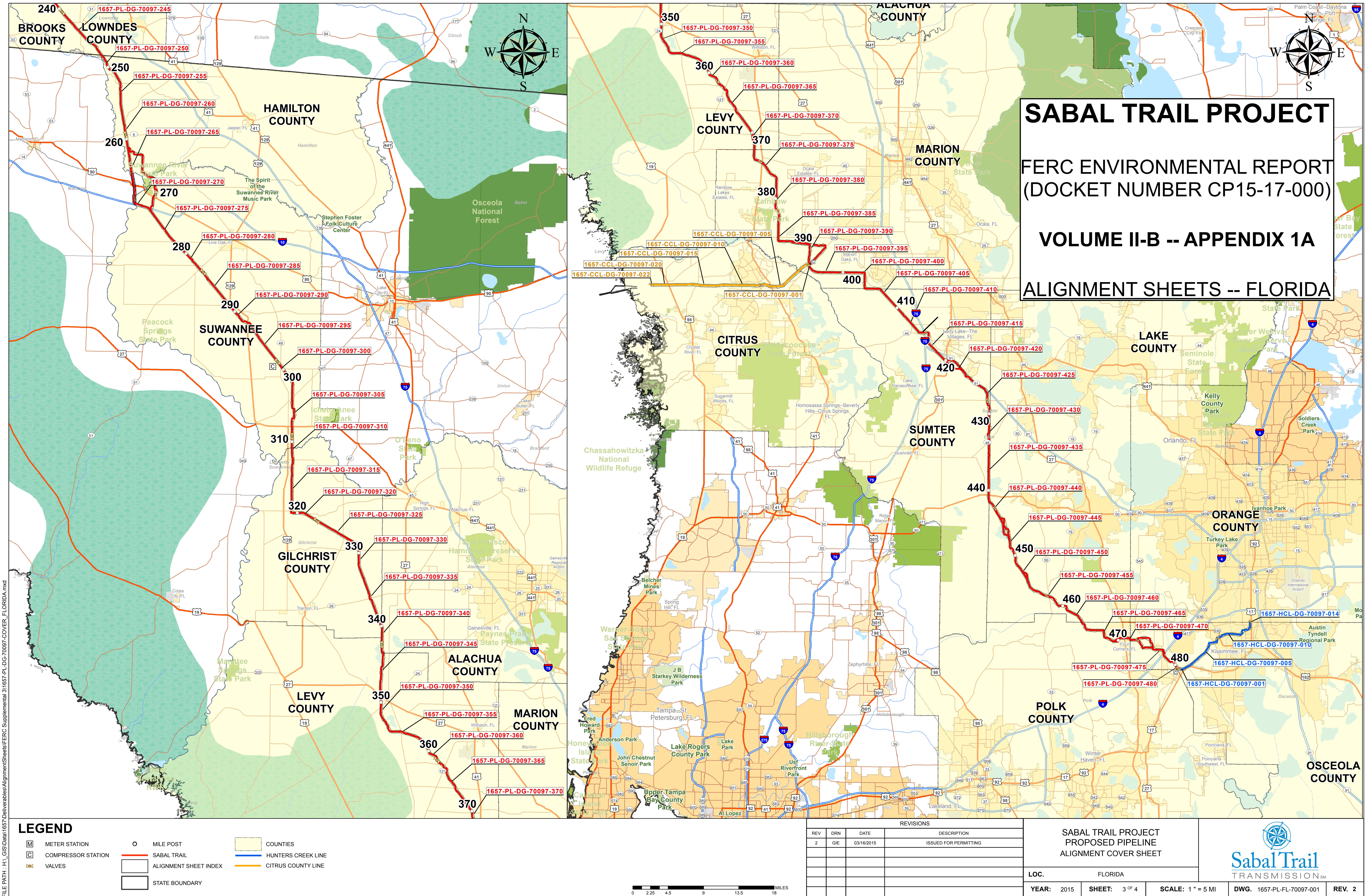




FILE PATH: H:\GISData\1657\Deliverables\AlignmentSheets\1657-PL-DG-70097-COVER_FLORIDA.mxd

LEGEND

- METER STATION
- COMPRESSOR STATION
- VALVES
- MILE POST
- SABAL TRAIL
- ALIGNMENT SHEET INDEX
- STATE BOUNDARY
- COUNTIES
- HUNTERS CREEK LINE
- CITRUS COUNTY LINE

REVISIONS				
REV	DRN	DATE	DESCRIPTION	
2	GIE	03/16/2015	ISSUED FOR PERMITTING	

SABAL TRAIL PROJECT
PROPOSED PIPELINE
ALIGNMENT COVER SHEET

LOC. FLORIDA

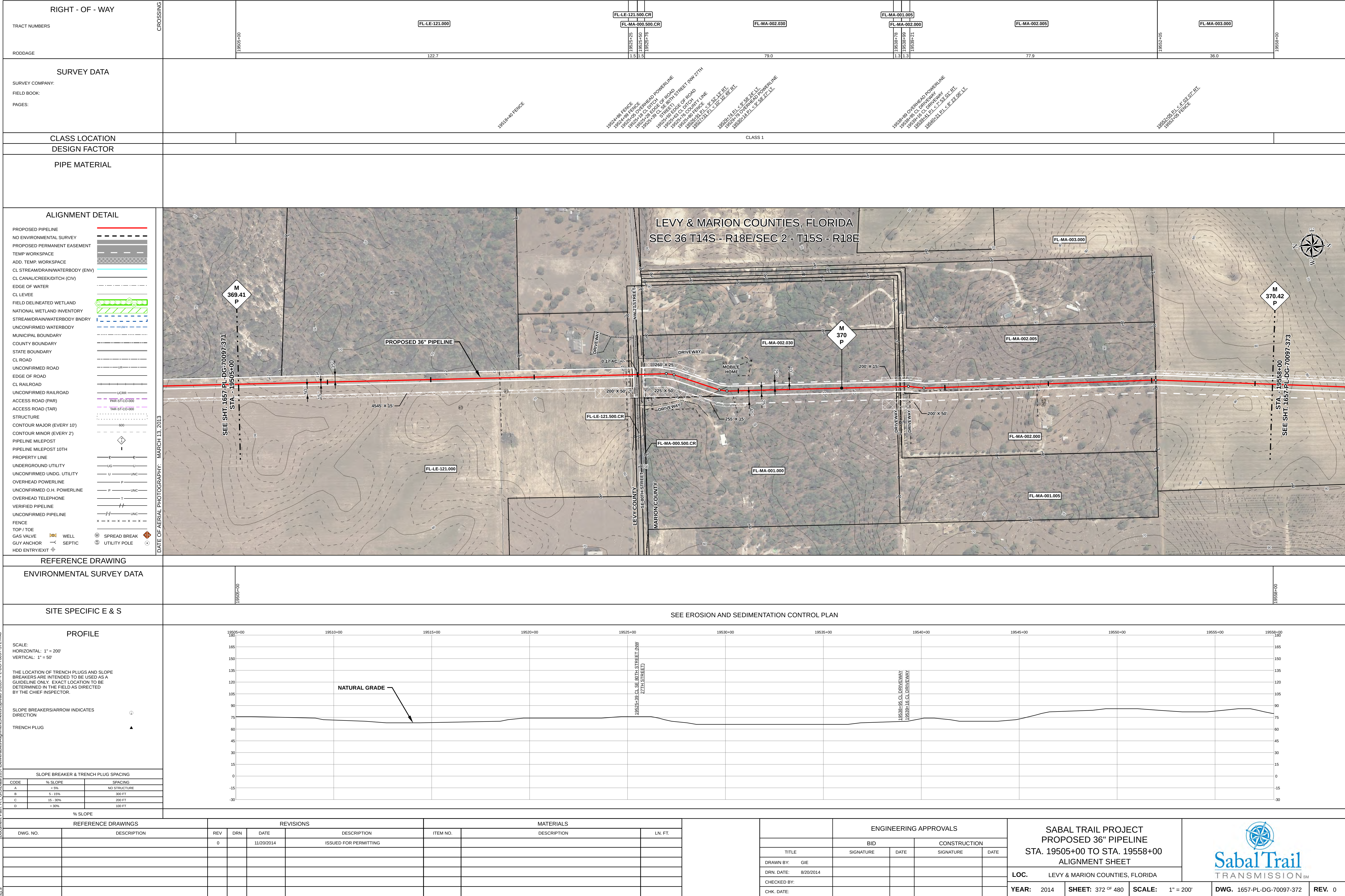
YEAR: 2015

SHEET: 3 OF 4

SCALE: 1" = 5 MI

DWG. 1657-PL-FL-70097-001

REV. 2



I:\GISData\1657-Deliverables\Alignment\Sheets\Spread 5\1657-PL-DG-70097-372.mxd

RIGHT - OF - WAY

TRACT NUMBERS

RODDAGE

SURVEY DATA

SURVEY COMPANY:

FIELD BOOK:

PAGES:

CLASS LOCATION

DESIGN FACTOR

PIPE MATERIAL

ALIGNMENT DETAIL

PROPOSED PIPELINE

NO ENVIRONMENTAL SURVEY

PROPOSED PERMANENT EASEMENT

TEMP WORKSPACE

ADD. TEMP. WORKSPACE

CL. STREAM/DRAIN/WATERBODY (ENV)

CL. CANAL/CREEK/DITCH (CIV)

EDGE OF WATER

CL. LEVEE

FIELD DELINEATED WETLAND

NATIONAL WETLAND INVENTORY

STREAM/DRAIN/WATERBODY BNDRY

UNCONFIRMED WATERBODY

MUNICIPAL BOUNDARY

COUNTY BOUNDARY

STATE BOUNDARY

CL. ROAD

UNCONFIRMED ROAD

EDGE OF ROAD

CL. RAILROAD

UNCONFIRMED RAILROAD

ACCESS ROAD (PAR)

ACCESS ROAD (TAR)

STRUCTURE

CONTOUR MAJOR (EVERY 10')

CONTOUR MINOR (EVERY 2')

PIPELINE MILEPOST

PIPELINE MILEPOST 10TH

PROPERTY LINE

UNDERGROUND UTILITY

UNCONFIRMED UND. UTILITY

OVERHEAD POWERLINE

UNCONFIRMED O.H. POWERLINE

OVERHEAD TELEPHONE

VERIFIED PIPELINE

UNCONFIRMED PIPELINE

FENCE

TOP / TOE

GAS VALVE

GUY ANCHOR

HDD ENTRY/EXIT

WELL

SEPTIC

SPREAD BREAK

UTILITY POLE

DATE OF AERIAL PHOTOGRAPHY: MARCH 13, 2013 AND BING MARCH 2011

MARION COUNTY, FLORIDA

SEC 2, 11, & 12 - T15S - R18E

PROPOSED 36" PIPELINE

SEE SHT. 1657-PL-DG-70097-372

STA. 19558+00

M 370.42 P

FL-MA-003.000

FL-MA-004.000

FL-MA-004.500.CR

FL-MA-005.000

M 371.29 P

SEE SHT. 1657-PL-DG-70097-374

STA. 19604+00

2390' X 15'

200' X 25'

200' X 50'

0.24 AC. +/-

NW 15TH STREET

FIELD ROAD

220' X 15'

200' X 15'

205' X 15'

2735' X 15'

200' X 15'

260' X 15'

1240' X 15'

Image courtesy of USGS Earthstar Geographics SLO v 2015 Microsoft Corporation

REFERENCE DRAWING

ENVIRONMENTAL SURVEY DATA

SITE SPECIFIC E & S

SEE EROSION AND SEDIMENTATION CONTROL PLAN

PROFILE

SCALE:

HORIZONTAL: 1" = 200'

VERTICAL: 1" = 50'

THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDELINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CHIEF INSPECTOR.

SLOPE BREAKERS/ARROW INDICATES DIRECTION

TRENCH PLUG

SLOPE BREAKER & TRENCH PLUG SPACING

CODE

% SLOPE

SPACING

A

< 5%

NO STRUCTURE

B

5 - 15%

300 FT

C

15 - 30%

200 FT

D

> 30%

100 FT

% SLOPE

REFERENCE DRAWINGS

DWG. NO.

DESCRIPTION

REV

DRN

DATE

DESCRIPTION

ITEM NO.

MATERIALS

DESCRIPTION

LN. FT.

ENGINEERING APPROVALS

BID

SIGNATURE

DATE

CONSTRUCTION

SIGNATURE

DATE

TITLE

DRAWN BY:

GIE

DRN. DATE:

8/20/2014

CHECKED BY:

CHK. DATE:

SABAL TRAIL PROJECT

PROPOSED 36" PIPELINE

STA. 19558+00 TO STA. 19604+00

ALIGNMENT SHEET

LOC.

MARION COUNTY, FLORIDA

YEAR:

2014

SHEET:

373 OF 480

SCALE:

1" = 200'

DWG.

1657-PL-DG-70097-373

REV.

0

[illegible]

RIGHT - OF - WAY

TRACT NUMBERS

RODDAGE

19710+00

FL-MA-015.000

170.1

19735+00

FL-MA-016.500

33.7

19743+61

FL-MA-017.000

117.5

19763+00

SURVEY DATA

SURVEY COMPANY:

FIELD BOOK:

PAGES:

CLASS LOCATION

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PIPE MATERIAL

ALIGNMENT DETAIL

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NO ENVIRONMENTAL SURVEY

PROPOSED PERMANENT EASEMENT

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ADD. TEMP. WORKSPACE

CL STREAM/DRAIN/WATERBODY (ENV)

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EDGE OF WATER

CL LEVEE

FIELD DELINEATED WETLAND

NATIONAL WETLAND INVENTORY

STREAM/DRAIN/WATERBODY BNDRY

UNCONFIRMED WATERBODY

MUNICIPAL BOUNDARY

COUNTY BOUNDARY

STATE BOUNDARY

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UNCONFIRMED ROAD

EDGE OF ROAD

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SLOPE BREAKER & TRENCH PLUG SPACING

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% SLOPE

SPACING

% SLOPE

REFERENCE DRAWINGS

REVISIONS

MATERIALS

ENGINEERING APPROVALS

SABAL TRAIL PROJECT

PROPOSED 36" PIPELINE

STA. 19710+00 TO STA. 19763+00

ALIGNMENT SHEET

LOC.

YEAR:

2014

SHEET:

376 OF 480

SCALE:

1" = 200'

DWG.

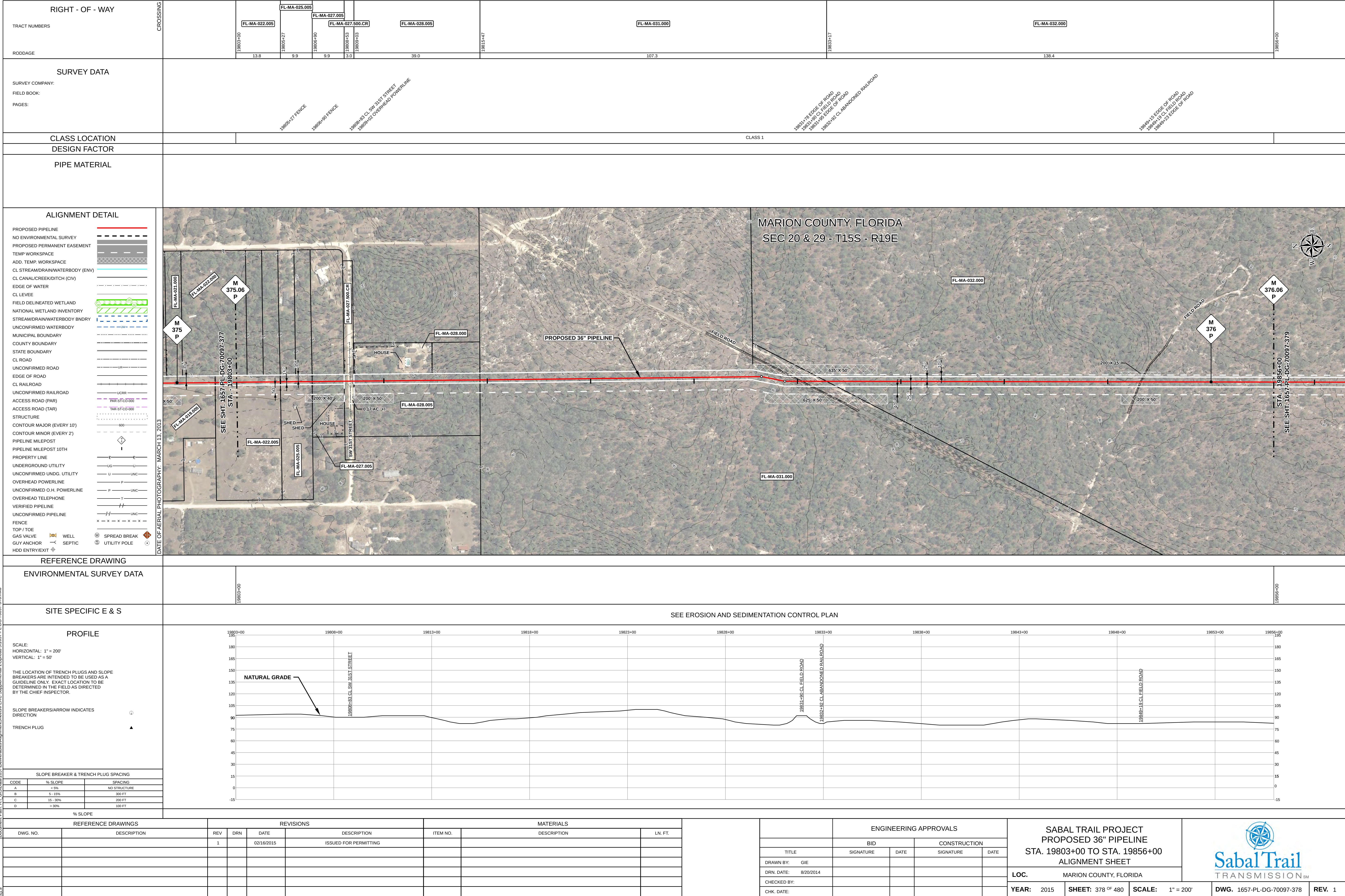
1657-PL-DG-70097-376

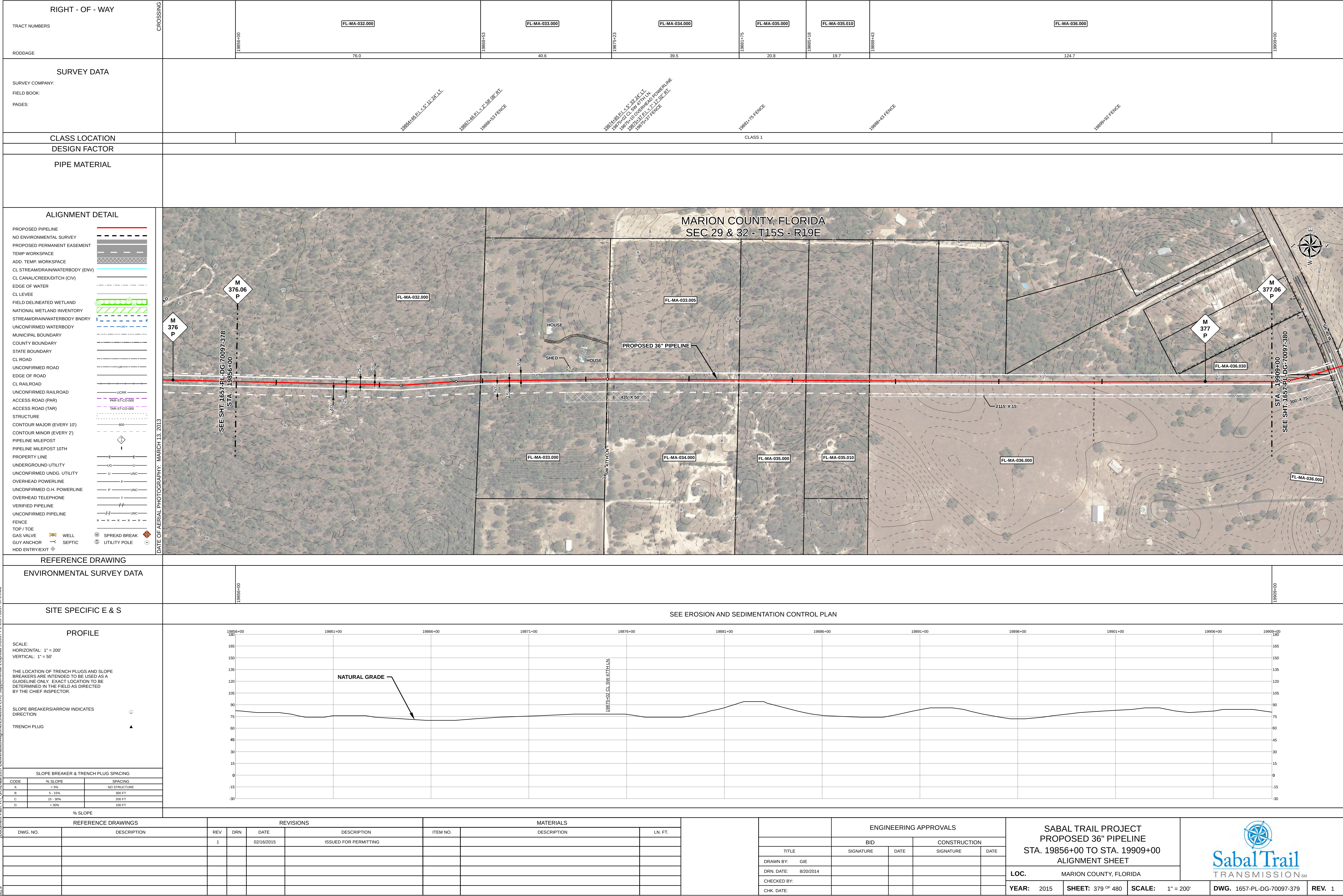
REV.

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Document Path: H:\GISData\1657\Deliverables\AlignmentSheets\Spread 5\1657-PL-DG-70097-376.mxd 1657.a

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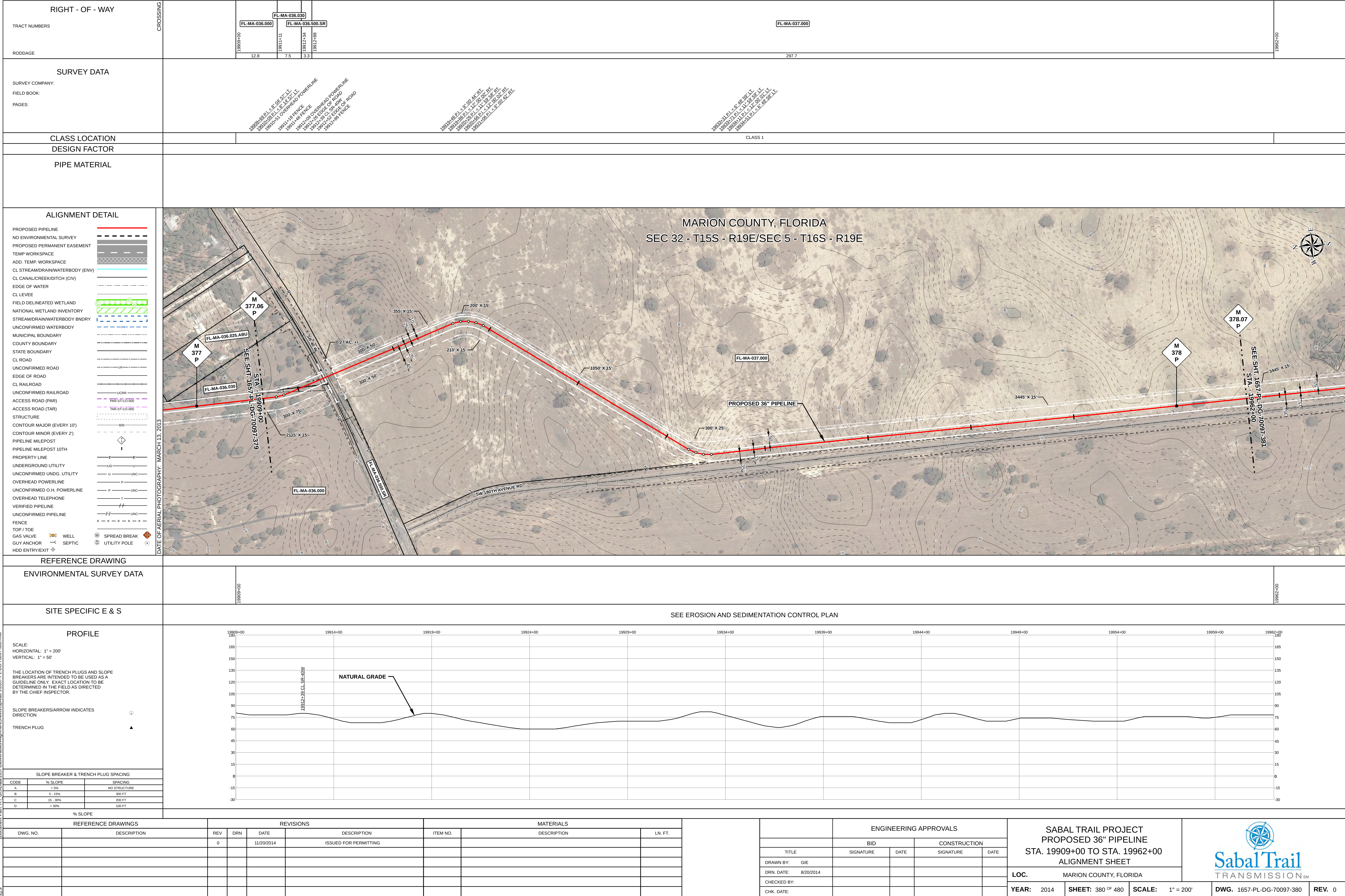
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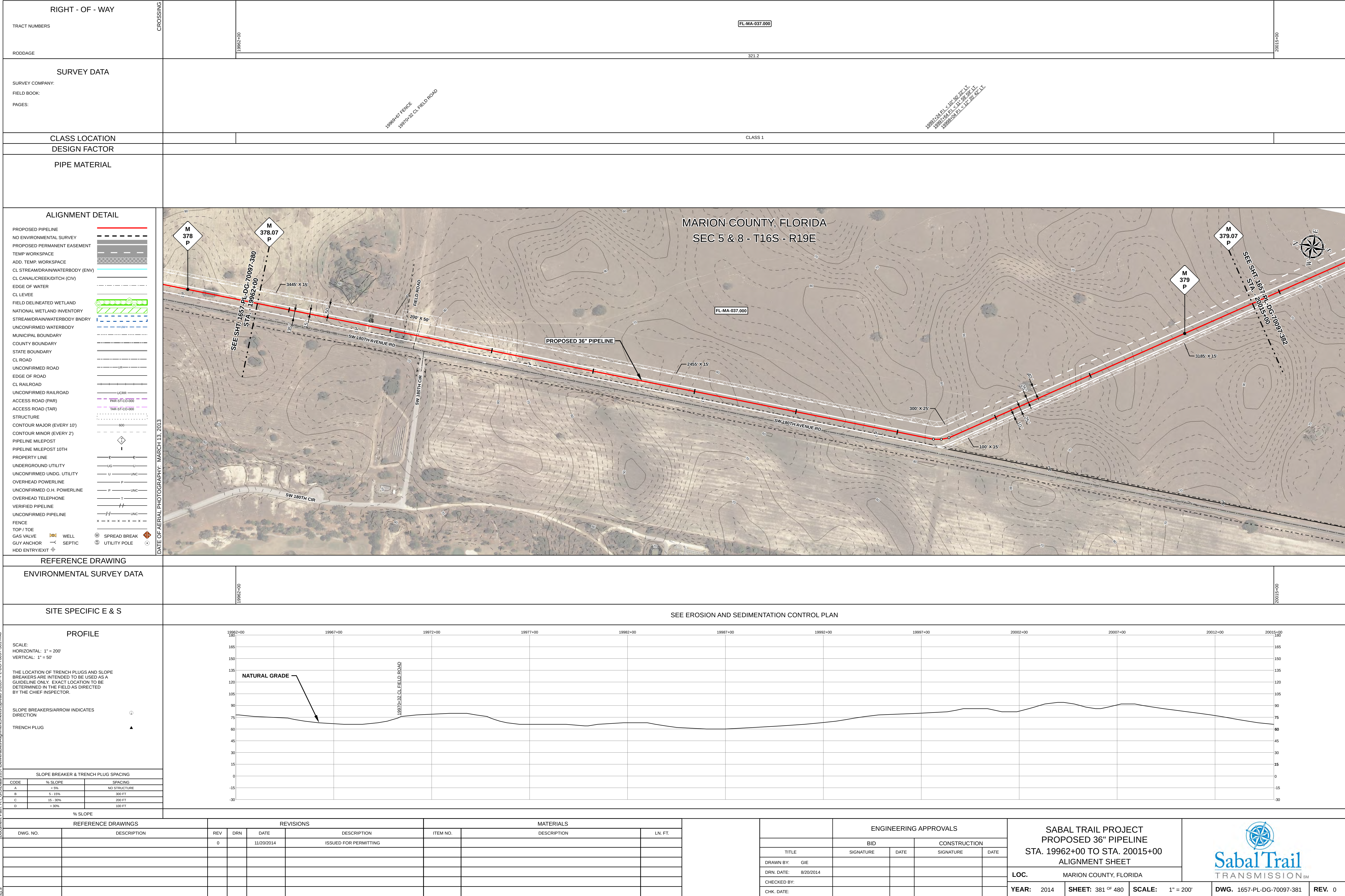
19866+00

19871+0



Document Path: H:\GISData\1657\Deliverables\AlignmentSheets\Spread 5\1657-PL-DG-70097-380.mxd

1657-PL-DG-70097-380



[illegible]

RIGHT - OF - WAY

TRACT NUMBERS

RODDAGE

20068+00

20074+06

20119+53

20117+95

20118+64

20121+00

FL-MA-037.000

FL-MA-037.505

FL-MA-038.005

FL-MA-038.010

FL-MA-038.015

176.1

102.2

6.2

22.4

14.3

SURVEY DATA

SURVEY COMPANY:

FIELD BOOK:

PAGES:

CLASS LOCATION

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CODE	% SLOPE	SPACING
A	< 5%	NO STRUCTURE
B	5 - 15%	300 FT
C	15 - 30%	200 FT
D	> 30%	100 FT

% SLOPE

REFERENCE DRAWINGS

REVISIONS

MATERIALS

ENGINEERING APPROVALS

SABAL TRAIL PROJECT
PROPOSED 36" PIPELINE
STA. 20068+00 TO STA. 20121+00
ALIGNMENT SHEET

LOC. MARION COUNTY, FLORIDA

YEAR: 2015 SHEET: 383 OF 480 SCALE: 1" = 200' DWG. 1657-PL-DG-70097-383 REV. 1

Document Path: H:\GISData\1657\Deliverables\Alignment\Sheets\FERC Supplemental 2\Spread 51\657-PL-DG-70097-383.mxd

1657-PL-DG-70097-383.mxd

RIGHT - OF - WAY

TRACT NUMBERS

RODDAGE

SURVEY DATA

CLASS LOCATION

DESIGN FACTOR

PIPE MATERIAL

ALIGNMENT DETAIL

REFERENCE DRAWING

ENVIRONMENTAL SURVEY DATA

SITE SPECIFIC E & S

PROFILE

FL-MA-038.015

FL-MA-038.020

FL-MA-038.025

FL-MA-038.020.RC

FL-MA-038.030

FL-MA-038.035

FL-MA-038.040

FL-MA-038.045

FL-MA-038.020.RC

FL-MA-038.045

FL-MA-038.050

FL-MA-038.057

20121+00

20121+55

20128+88

20134+03

20135+04

20140+77

20147+13

20154+48

20157+47

20159+53

20169+23

20167+15

20174+00

44.4

31.2

6.1

34.8

38.5

44.5

18.1

6.4

10.3

42.0

41.4

20122+00 P.I. < 1' 22.28' LT

20122+50 P.I. < 1' 10.07' LT

20123+00 P.I. < 1' 15.56' LT

20123+50 P.I. < 1' 58.60' LT

20124+00 P.I. < 1' 12.00' LT

20134+75 EDGE OF ROAD

20157+00 EDGE OF ROAD

20158+25 EDGE OF ROAD

20164+28 P.I. < 1' 39.40' LT

20164+80 P.I. < 1' 10.07' LT

20165+00 TOP OF BANK

20165+50 P.I. < 1' 14.55' LT

20165+50 P.I. < 1' 12.32' LT

20172+30 P.I. < 1' 29.85' LT

20173+00 P.I. < 1' 12.07' LT

20173+50 TOP OF BANK

20174+00 P.I. < 1' 14.15' LT

20174+30 P.I. < 1' 16.34' LT

CLASS 1

ALIGNMENT DETAIL

PROPOSED PIPELINE

NO ENVIRONMENTAL SURVEY

PROPOSED PERMANENT EASEMENT

TEMP WORKSPACE

ADD. TEMP. WORKSPACE

CL STREAM/DRAIN/WATERBODY (ENV)

CL CANAL/CREEK/DITCH (CIV)

EDGE OF WATER

CL LEVEE

FIELD DELINEATED WETLAND

NATIONAL WETLAND INVENTORY

STREAM/DRAIN/WATERBODY BNDRY

UNCONFIRMED WATERBODY

MUNICIPAL BOUNDARY

COUNTY BOUNDARY

STATE BOUNDARY

CL ROAD

UNCONFIRMED ROAD

EDGE OF ROAD

CL RAILROAD

UNCONFIRMED RAILROAD

ACCESS ROAD (PAR)

ACCESS ROAD (TAR)

STRUCTURE

CONTOUR MAJOR (EVERY 10')

CONTOUR MINOR (EVERY 2')

PIPELINE MILEPOST

PIPELINE MILEPOST 10TH

PROPERTY LINE

UNDERGROUND UTILITY

UNCONFIRMED UNDG. UTILITY

OVERHEAD POWERLINE

UNCONFIRMED O.H. POWERLINE

OVERHEAD TELEPHONE

VERIFIED PIPELINE

UNCONFIRMED PIPELINE

FENCE

TOP / TOE

GAS VALVE

GUY ANCHOR

HDD ENTRY/EXIT

WELL

SEPTIC

SPREAD BREAK

UTILITY POLE

DATE OF AERIAL PHOTOGRAPHY: MARCH 13, 2013 AND BING MARCH 2011

MARION COUNTY, FLORIDA

SEC 20 & 29 -T16S - R19E

M 381.08 P

170th AVENUE

PROPOSED 36" PIPELINE

FL-MA-038.020.RC

200' X 50'

FL-MA-038.020

FL-MA-038.025

FL-MA-038.030

FL-MA-038.035

FL-MA-038.040

FL-MA-038.045

FL-MA-038.050

FL-MA-038.057

M 382 P

170th AVENUE

370' X 25'

360' X 25'

SEE SHT 1657-PL-DG-70097-383

STA: 20121+00

SEE SHT 1657-PL-DG-70097-385

STA: 20174+00

bing

ENVIRONMENTAL SURVEY DATA

20121+00

20174+00

SITE SPECIFIC E & S

SEE EROSION AND SEDIMENTATION CONTROL PLAN

PROFILE

SCALE:

HORIZONTAL: 1" = 200'

VERTICAL: 1" = 50'

THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDELINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CHIEF INSPECTOR.

SLOPE BREAKERS/ARROW INDICATES DIRECTION

TRENCH PLUG

SLOPE BREAKER & TRENCH PLUG SPACING

CODE

% SLOPE

SPACING

A

< 5%

NO STRUCTURE

B

5 - 15%

300 FT

C

15 - 30%

200 FT

D

> 30%

100 FT

% SLOPE

20121+00

20126+00

20131+00

20136+00

20141+00

20146+00

20151+00

20156+00

20161+00

20166+00

20171+00

20174+00

150

135

120

105

90

75

60

45

30

15

0

-15

-30

-45

NATURAL GRADE

REFERENCE DRAWINGS

DWG. NO.

DESCRIPTION

REV

DRN

DATE

DESCRIPTION

ITEM NO.

MATERIALS

DESCRIPTION

LN. FT.

0

11/20/2014

ISSUED FOR PERMITTING

ENGINEERING APPROVALS

TITLE

BID

SIGNATURE

DATE

CONSTRUCTION

SIGNATURE

DATE

DRAWN BY:

GIE

DRN. DATE:

8/20/2014

CHECKED BY:

CHK. DATE:

SABAL TRAIL PROJECT

PROPOSED 36" PIPELINE

STA. 20121+00 TO STA. 20174+00

ALIGNMENT SHEET

LOC.

MARION COUNTY, FLORIDA

YEAR:

2014

SHEET:

384 OF 480

SCALE:

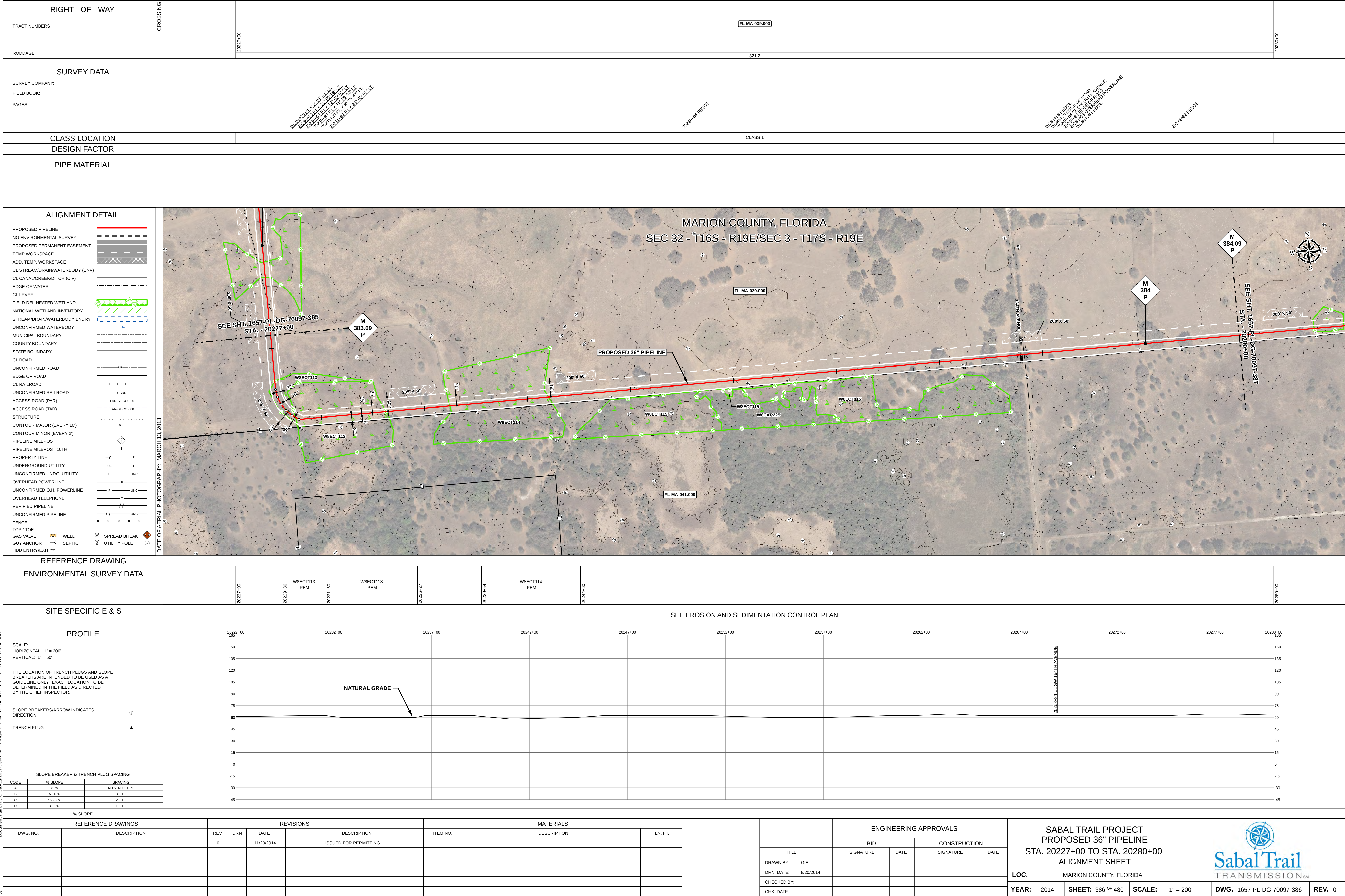
1" = 200'

DWG.

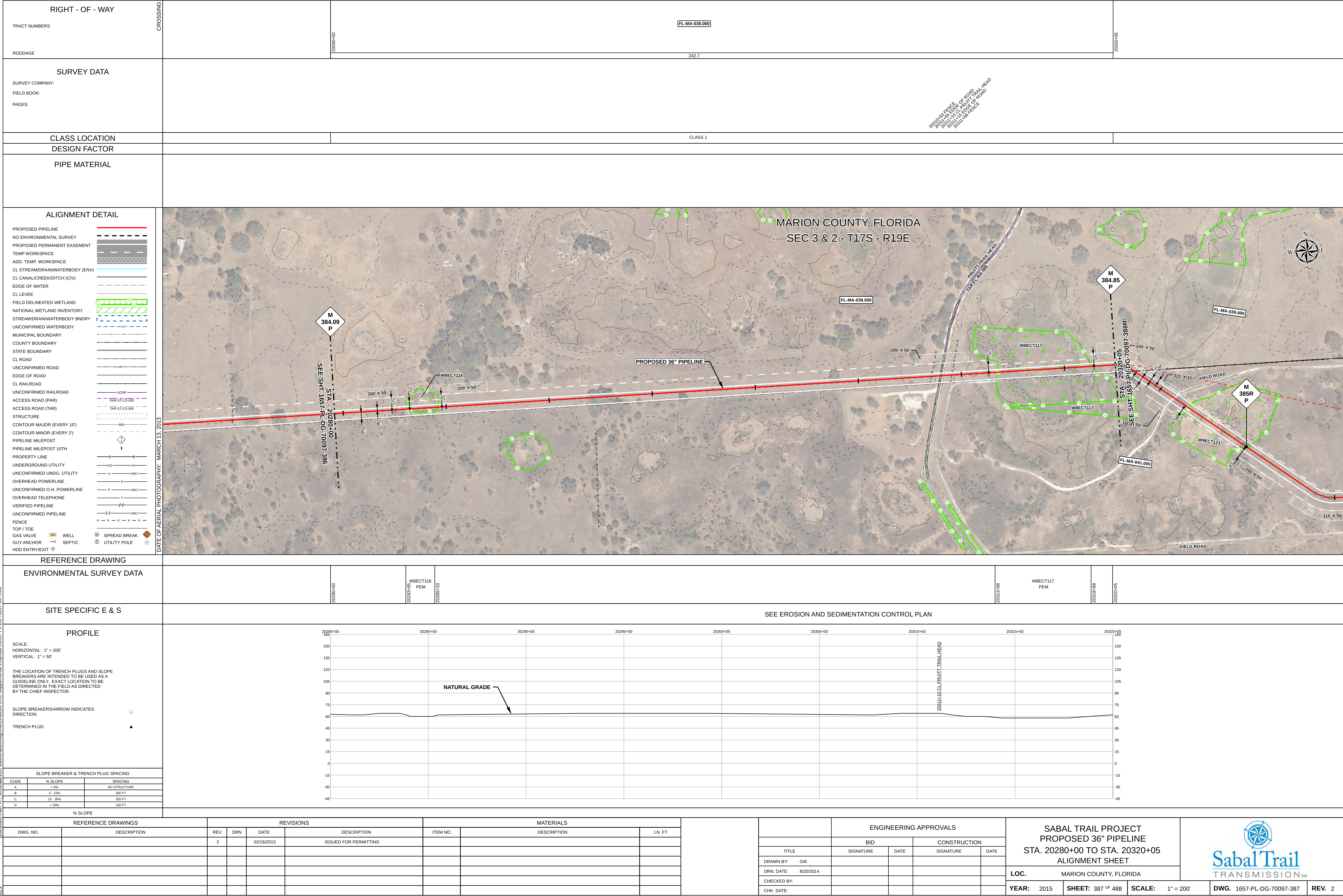
1657-PL-DG-70097-384

REV.

0

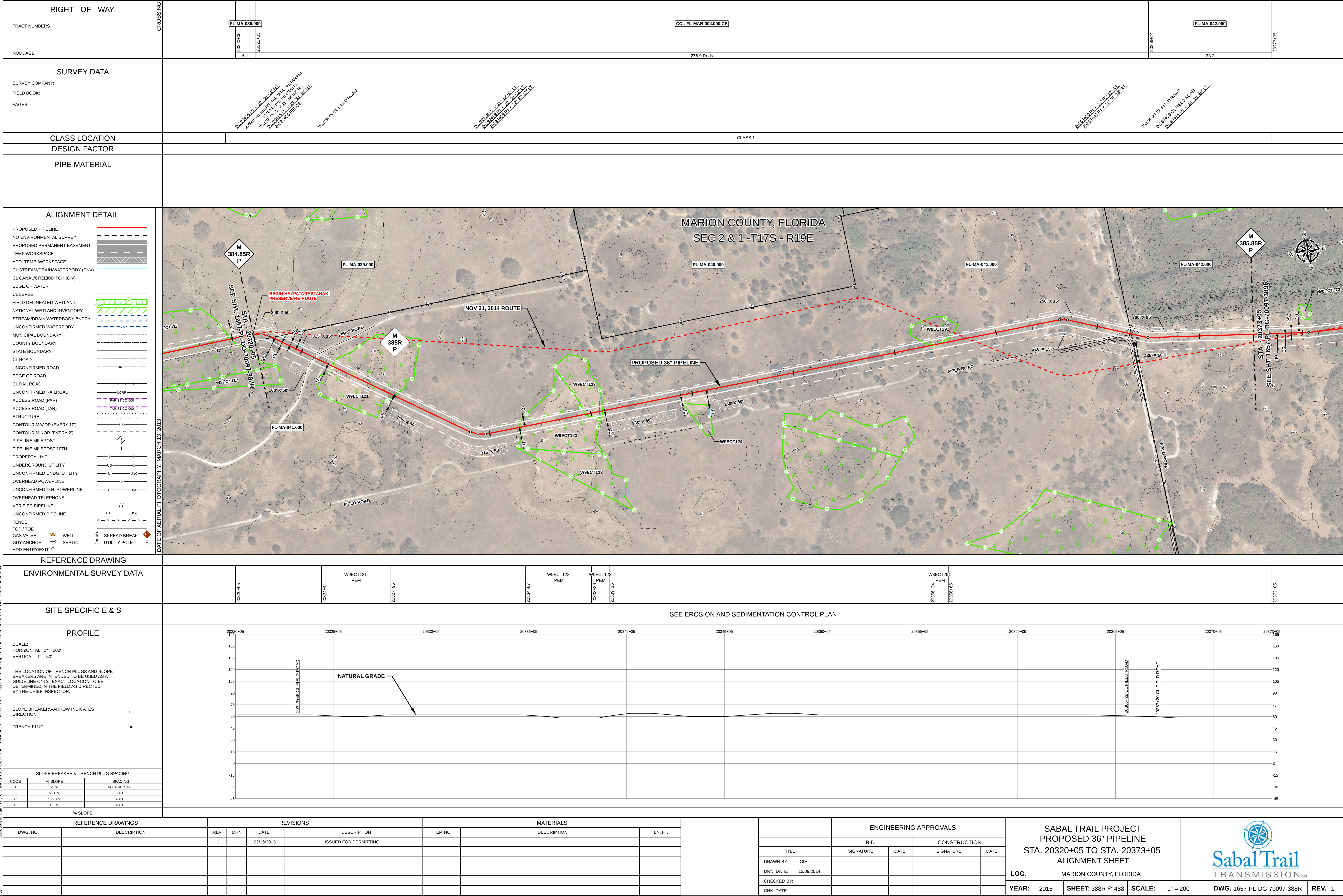


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1657-PL-DG-70097-387.mxd



RIGHT - OF - WAY

TRACT NUMBERS

RODDAGE

CROSSING

20373+05

20383+48

20423+39

20426+05

FL-MA-042.000

FL-MA-043.000

FL-MA-044.000

123.8

169.1

28.3

123.8

169.1

28.3

SURVEY DATA

SURVEY COMPANY:

FIELD BOOK:

PAGES:

CLASS LOCATION

DESIGN FACTOR

PIPE MATERIAL

ALIGNMENT DETAIL

PROPOSED PIPELINE

NO ENVIRONMENTAL SURVEY

PROPOSED PERMANENT EASEMENT

TEMP WORKSPACE

ADD. TEMP. WORKSPACE

CL. STREAM/DRAIN/WATERBODY (ENV)

CL. CANAL/CREEK/DITCH (CIV)

EDGE OF WATER

CL. LEVEE

FIELD DELINEATED WETLAND

NATIONAL WETLAND INVENTORY

STREAM/DRAIN/WATERBODY BNDRY

UNCONFIRMED WATERBODY

MUNICIPAL BOUNDARY

COUNTY BOUNDARY

STATE BOUNDARY

CL. ROAD

UNCONFIRMED ROAD

EDGE OF ROAD

CL. RAILROAD

UNCONFIRMED RAILROAD

ACCESS ROAD (PAR)

ACCESS ROAD (TAR)

STRUCTURE

CONTOUR MAJOR (EVERY 10')

CONTOUR MINOR (EVERY 2')

PIPELINE MILEPOST

PIPELINE MILEPOST 10TH

PROPERTY LINE

UNDERGROUND UTILITY

UNCONFIRMED UND. UTILITY

OVERHEAD POWERLINE

UNCONFIRMED O.H. POWERLINE

OVERHEAD TELEPHONE

VERIFIED PIPELINE

UNCONFIRMED PIPELINE

FENCE

TOP / TOE

GAS VALVE

GUY ANCHOR

HDD ENTRY/EXIT

WELL

SEPTIC

SPREAD BREAK

UTILITY POLE

DATE OF AERIAL PHOTOGRAPHY: MARCH 13, 2013

REFERENCE DRAWING

ENVIRONMENTAL SURVEY DATA

SITE SPECIFIC E & S

SEE EROSION AND SEDIMENTATION CONTROL PLAN

PROFILE

SCALE:

HORIZONTAL: 1" = 200'

VERTICAL: 1" = 50'

THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDELINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CHIEF INSPECTOR.

SLOPE BREAKERS/ARROW INDICATES DIRECTION

TRENCH PLUG

SLOPE BREAKER & TRENCH PLUG SPACING

CODE

% SLOPE

SPACING

A

< 5%

NO STRUCTURE

B

5 - 15%

300 FT

C

15 - 30%

200 FT

D

> 30%

100 FT

% SLOPE

20373+05

20378+05

20383+05

20388+05

20393+05

20398+05

20403+05

20408+05

20413+05

20418+05

20423+05

20426+05

150

135

120

105

90

75

60

45

30

15

0

-15

-30

-45

150

135

120

105

90

75

60

45

30

15

0

-15

-30

-45

NATURAL GRADE

20407.75 CL PRIVATE ROAD

20421.00 CL FIELD ROAD

REVISIONS

REV

DRN

DATE

DESCRIPTION

ITEM NO.

MATERIALS

DESCRIPTION

LN. FT.

DWG. NO.

DESCRIPTION

1

02/16/2015

ISSUED FOR PERMITTING

ENGINEERING APPROVALS

BID

CONSTRUCTION

SIGNATURE

DATE

SIGNATURE

DATE

TITLE

GIE

12/09/2014

CHECKED BY:

CHK. DATE:

SABAL TRAIL PROJECT

PROPOSED 36" PIPELINE

STA. 20373+05 TO STA. 20426+05

ALIGNMENT SHEET

LOC.

MARION COUNTY, FLORIDA

YEAR:

2015

SHEET:

389R OF 488

SCALE:

1" = 200'

DWG.

1657-PL-DG-70097-389R

REV.

1

Sabal Trail

TRANSMISSION

RIGHT - OF - WAY

TRACT NUMBERS

RODDAGE

CROSSING

20426+05

20447+27

20479+05

FL-MA-044.000

128.6

FL-MA-044.005

192.6

SURVEY DATA

SURVEY COMPANY:

FIELD BOOK:

PAGES:

CLASS LOCATION

DESIGN FACTOR

PIPE MATERIAL

ALIGNMENT DETAIL

PROPOSED PIPELINE

NO ENVIRONMENTAL SURVEY

PROPOSED PERMANENT EASEMENT

TEMP WORKSPACE

ADD. TEMP. WORKSPACE

CL. STREAM/DRAIN/WATERBODY (ENV)

CL. CANAL/CREEK/DITCH (CIV)

EDGE OF WATER

CL. LEVEE

FIELD DELINEATED WETLAND

NATIONAL WETLAND INVENTORY

STREAM/DRAIN/WATERBODY BNDRY

UNCONFIRMED WATERBODY

MUNICIPAL BOUNDARY

COUNTY BOUNDARY

STATE BOUNDARY

CL. ROAD

UNCONFIRMED ROAD

EDGE OF ROAD

CL. RAILROAD

UNCONFIRMED RAILROAD

ACCESS ROAD (PAR)

ACCESS ROAD (TAR)

STRUCTURE

CONTOUR MAJOR (EVERY 10')

CONTOUR MINOR (EVERY 2')

PIPELINE MILEPOST

PIPELINE MILEPOST 10TH

PROPERTY LINE

UNDERGROUND UTILITY

UNCONFIRMED UNDG. UTILITY

OVERHEAD POWERLINE

UNCONFIRMED O.H. POWERLINE

OVERHEAD TELEPHONE

VERIFIED PIPELINE

UNCONFIRMED PIPELINE

FENCE

TOP / TOE

GAS VALVE

GUY ANCHOR

HDD ENTRY/EXIT

DATE OF AERIAL PHOTOGRAPHY: MARCH 13, 2013 AND BING FEB. 2010 & MARCH 2011

REFERENCE DRAWING

ENVIRONMENTAL SURVEY DATA

SITE SPECIFIC E & S

PROFILE

SCALE:

HORIZONTAL: 1" = 200'

VERTICAL: 1" = 50'

THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDE LINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CHIEF INSPECTOR.

SLOPE BREAKERS/ARROW INDICATES DIRECTION

TRENCH PLUG

SLOPE BREAKER & TRENCH PLUG SPACING

CODE

% SLOPE

SPACING

% SLOPE

REFERENCE DRAWINGS

REV

DRN

DATE

DESCRIPTION

ITEM NO.

MATERIALS

DESCRIPTION

LN. FT.

ENGINEERING APPROVALS

BID

CONSTRUCTION

TITLE

SIGNATURE

DATE

SIGNATURE

DATE

DRAWN BY:

DRN. DATE:

CHECKED BY:

CHK. DATE:

SABAL TRAIL PROJECT

PROPOSED 36" PIPELINE

STA. 20426+05 TO STA. 20479+05

ALIGNMENT SHEET

LOC.

YEAR:

SHEET: 390R OF 488

SCALE:

DWG.

REV.

ALIGNMENT DETAIL

PROPOSED PIPELINE

NO ENVIRONMENTAL SURVEY

PROPOSED PERMANENT EASEMENT

TEMP WORKSPACE

ADD. TEMP. WORKSPACE

CL. STREAM/DRAIN/WATERBODY (ENV)

CL. CANAL/CREEK/DITCH (CIV)

EDGE OF WATER

CL. LEVEE

FIELD DELINEATED WETLAND

NATIONAL WETLAND INVENTORY

STREAM/DRAIN/WATERBODY BNDRY

UNCONFIRMED WATERBODY

MUNICIPAL BOUNDARY

COUNTY BOUNDARY

STATE BOUNDARY

CL. ROAD

UNCONFIRMED ROAD

EDGE OF ROAD

CL. RAILROAD

UNCONFIRMED RAILROAD

ACCESS ROAD (PAR)

ACCESS ROAD (TAR)

STRUCTURE

CONTOUR MAJOR (EVERY 10')

CONTOUR MINOR (EVERY 2')

PIPELINE MILEPOST

PIPELINE MILEPOST 10TH

PROPERTY LINE

UNDERGROUND UTILITY

UNCONFIRMED UNDG. UTILITY

OVERHEAD POWERLINE

UNCONFIRMED O.H. POWERLINE

OVERHEAD TELEPHONE

VERIFIED PIPELINE

UNCONFIRMED PIPELINE

FENCE

TOP / TOE

GAS VALVE

GUY ANCHOR

HDD ENTRY/EXIT

DATE OF AERIAL PHOTOGRAPHY: MARCH 13, 2013 AND BING FEB. 2010 & MARCH 2011

REFERENCE DRAWING

ENVIRONMENTAL SURVEY DATA

SITE SPECIFIC E & S

PROFILE

SCALE:

HORIZONTAL: 1" = 200'

VERTICAL: 1" = 50'

THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDE LINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CHIEF INSPECTOR.

SLOPE BREAKERS/ARROW INDICATES DIRECTION

TRENCH PLUG

SLOPE BREAKER & TRENCH PLUG SPACING

CODE

% SLOPE

SPACING

% SLOPE

REFERENCE DRAWINGS

REV

DRN

DATE

DESCRIPTION

ITEM NO.

MATERIALS

DESCRIPTION

LN. FT.

ENGINEERING APPROVALS

BID

CONSTRUCTION

TITLE

SIGNATURE

DATE

SIGNATURE

DATE

DRAWN BY:

DRN. DATE:

CHECKED BY:

CHK. DATE:

SABAL TRAIL PROJECT

PROPOSED 36" PIPELINE

STA. 20426+05 TO STA. 20479+05

ALIGNMENT SHEET

LOC.

YEAR:

SHEET: 390R OF 488

SCALE:

DWG.

REV.

Document Path: H:\GISData\1657\Deliverables\Alignment\Sheets\1657-PL-DG-70097-390R.mxd
IG#:

RIGHT - OF - WAY

TRACT NUMBERS

RODDAGE

CROSSING

20532+05

20564+05

FL-MA-044.010

189.1

FL-MA-044.020

20562+05

20564+05

4.9

SURVEY DATA

SURVEY COMPANY:

FIELD BOOK:

PAGES:

CLASS LOCATION

DESIGN FACTOR

PIPE MATERIAL

ALIGNMENT DETAIL

PROPOSED PIPELINE

NO ENVIRONMENTAL SURVEY

PROPOSED PERMANENT EASEMENT

TEMP WORKSPACE

ADD. TEMP. WORKSPACE

CL STREAM/DRAIN/WATERBODY (ENV)

CL CANAL/CREEK/DITCH (CIV)

EDGE OF WATER

CL LEVEE

FIELD DELINEATED WETLAND

NATIONAL WETLAND INVENTORY

STREAM/DRAIN/WATERBODY BNDRY

UNCONFIRMED WATERBODY

MUNICIPAL BOUNDARY

COUNTY BOUNDARY

STATE BOUNDARY

CL ROAD

UNCONFIRMED ROAD

EDGE OF ROAD

CL RAILROAD

UNCONFIRMED RAILROAD

ACCESS ROAD (PAR)

ACCESS ROAD (TAR)

STRUCTURE

CONTOUR MAJOR (EVERY 10')

CONTOUR MINOR (EVERY 2')

PIPELINE MILEPOST

PIPELINE MILEPOST 10TH

PROPERTY LINE

UNDERGROUND UTILITY

UNCONFIRMED UNDG. UTILITY

OVERHEAD POWERLINE

UNCONFIRMED O.H. POWERLINE

OVERHEAD TELEPHONE

VERIFIED PIPELINE

UNCONFIRMED PIPELINE

FENCE

TOP / TOE

GAS VALVE

WELL

GUY ANCHOR

SEPTIC

SPREAD BREAK

UTILITY POLE

HDD ENTRY/EXIT

DATE OF AERIAL PHOTOGRAPHY: BING FEB. 2010 & MARCH 2011

REFERENCE DRAWING

ENVIRONMENTAL SURVEY DATA

SITE SPECIFIC E & S

SEE EROSION AND SEDIMENTATION CONTROL PLAN

PROFILE

SCALE:
HORIZONTAL: 1" = 200'
VERTICAL: 1" = 50'

THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDELINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CHIEF INSPECTOR.

SLOPE BREAKERS/ARROW INDICATES DIRECTION

TRENCH PLUG

SLOPE BREAKER & TRENCH PLUG SPACING

CODE	% SLOPE	SPACING
A	< 5%	NO STRUCTURE
B	5 - 15%	300 FT
C	15 - 30%	200 FT
D	> 30%	100 FT

% SLOPE

20532+05

20537+05

20542+05

20547+05

20552+05

20557+05

20562+05

20564+05

165

150

135

120

90

75

60

45

30

15

0

-15

-30

-45

NATURAL GRADE

165

150

135

120

90

75

60

45

30

15

0

-15

-30

-45

REFERENCE DRAWINGS

REVISIONS

MATERIALS

DWG. NO.

DESCRIPTION

REV

DRN

DATE

DESCRIPTION

ITEM NO.

DESCRIPTION

LN. FT.

ENGINEERING APPROVALS

BID

CONSTRUCTION

SIGNATURE

DATE

SIGNATURE

DATE

SABAL TRAIL PROJECT

PROPOSED 36" PIPELINE

STA. 20532+05 TO STA. 20564+05

ALIGNMENT SHEET

LOC.

MARION COUNTY, FLORIDA

YEAR: 2015

SHEET: 392B OF 488

SCALE: 1" = 200'

DWG. 1657-PL-DG-70097-392B

REV. 1

1657-PL-DG-70097-392B

1

Document Path: H:\GISData\1657\Deliverables\Alignment\Sheets\PERC Supplemental 2\Spread 516_Sheets\1657-PL-DG-70097-392B.mxd
1657-PL-DG-70097-392B.mxd

RIGHT - OF - WAY

TRACT NUMBERS

RODDAGE

20564+05

321.2

20617+05

SURVEY DATA

SURVEY COMPANY:

FIELD BOOK:

PAGES:

CLASS LOCATION

DESIGN FACTOR

PIPE MATERIAL

ALIGNMENT DETAIL

PROPOSED PIPELINE

NO ENVIRONMENTAL SURVEY

PROPOSED PERMANENT EASEMENT

TEMP WORKSPACE

ADD. TEMP. WORKSPACE

CL STREAM/DRAIN/WATERBODY (ENV)

CL CANAL/CREEK/DITCH (CIV)

EDGE OF WATER

CL LEVEE

FIELD DELINEATED WETLAND

NATIONAL WETLAND INVENTORY

STREAM/DRAIN/WATERBODY BNDRY

UNCONFIRMED WATERBODY

MUNICIPAL BOUNDARY

COUNTY BOUNDARY

STATE BOUNDARY

CL ROAD

UNCONFIRMED ROAD

EDGE OF ROAD

CL RAILROAD

UNCONFIRMED RAILROAD

ACCESS ROAD (PAR)

ACCESS ROAD (TAR)

STRUCTURE

CONTOUR MAJOR (EVERY 10')

CONTOUR MINOR (EVERY 2')

PIPELINE MILEPOST

PIPELINE MILEPOST 10TH

PROPERTY LINE

UNDERGROUND UTILITY

UNCONFIRMED UNDG. UTILITY

OVERHEAD POWERLINE

UNCONFIRMED O.H. POWERLINE

OVERHEAD TELEPHONE

VERIFIED PIPELINE

UNCONFIRMED PIPELINE

FENCE

TOP / TOE

GAS VALVE

GUY ANCHOR

HDD ENTRY/EXIT

WELL

SEPTIC

SPREAD BREAK

UTILITY POLE

DATE OF AERIAL PHOTOGRAPHY: BING FEB. 2010 & MARCH 2011

REFERENCE DRAWING

ENVIRONMENTAL SURVEY DATA

SITE SPECIFIC E & S

SEE EROSION AND SEDIMENTATION CONTROL PLAN

PROFILE

SCALE:
HORIZONTAL: 1" = 200'
VERTICAL: 1" = 50'

THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDELINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CHIEF INSPECTOR.

SLOPE BREAKERS/ARROW INDICATES DIRECTION

TRENCH PLUG

SLOPE BREAKER & TRENCH PLUG SPACING

CODE	% SLOPE	SPACING
A	< 5%	NO STRUCTURE
B	5 - 15%	300 FT
C	15 - 30%	200 FT
D	> 30%	100 FT

% SLOPE

REFERENCE DRAWINGS

REVISIONS

MATERIALS

ENGINEERING APPROVALS

SABAL TRAIL PROJECT
PROPOSED 36" PIPELINE
STA. 20564+05 TO STA. 20617+05
ALIGNMENT SHEET

LOC. MARION COUNTY, FLORIDA

YEAR: 2015 SHEET: 393R OF 488 SCALE: 1" = 200' DWG. 1657-PL-DG-70097-393R REV. 1

20564+05

20569+05

20574+05

20579+05

20584+05

20589+05

20594+05

20599+05

20604+05

20609+05

20614+05

20617+05

NATURAL GRADE

20606+11 CL FIELD ROAD

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1657-PL-DG-70097-393R.mxd

RIGHT - OF - WAY

TRACT NUMBERS

RODDAGE

20617+05

FL-MA-041.000

189.1

20648+25

FL-MA-050.500.SR

132.1

20670+05

SURVEY DATA

SURVEY COMPANY:

FIELD BOOK:

PAGES:

CLASS LOCATION

DESIGN FACTOR

PIPE MATERIAL

ALIGNMENT DETAIL

PROPOSED PIPELINE

NO ENVIRONMENTAL SURVEY

PROPOSED PERMANENT EASEMENT

TEMP WORKSPACE

ADD. TEMP. WORKSPACE

CL STREAM/DRAIN/WATERBODY (ENV)

CL CANAL/CREEK/DITCH (CIV)

EDGE OF WATER

CL LEVEE

FIELD DELINEATED WETLAND

NATIONAL WETLAND INVENTORY

STREAM/DRAIN/WATERBODY BNDRY

UNCONFIRMED WATERBODY

MUNICIPAL BOUNDARY

COUNTY BOUNDARY

STATE BOUNDARY

CL ROAD

UNCONFIRMED ROAD

EDGE OF ROAD

CL RAILROAD

UNCONFIRMED RAILROAD

ACCESS ROAD (PAR)

ACCESS ROAD (TAR)

STRUCTURE

CONTOUR MAJOR (EVERY 10')

CONTOUR MINOR (EVERY 2')

PIPELINE MILEPOST

PIPELINE MILEPOST 10TH

PROPERTY LINE

UNDERGROUND UTILITY

UNCONFIRMED UNDG. UTILITY

OVERHEAD POWERLINE

UNCONFIRMED O.H. POWERLINE

OVERHEAD TELEPHONE

VERIFIED PIPELINE

UNCONFIRMED PIPELINE

FENCE

TOP / TOE

GAS VALVE

GUY ANCHOR

HDD ENTRY/EXIT

WELL

SEPTIC

SPREAD BREAK

UTILITY POLE

DATE OF AERIAL PHOTOGRAPHY: BING FEB. 2010 & MARCH 2011

REFERENCE DRAWING

ENVIRONMENTAL SURVEY DATA

SITE SPECIFIC E & S

SEE EROSION AND SEDIMENTATION CONTROL PLAN

PROFILE

SCALE:
HORIZONTAL: 1" = 200'
VERTICAL: 1" = 50'

THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDELINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CHIEF INSPECTOR.

SLOPE BREAKERS/ARROW INDICATES DIRECTION

TRENCH PLUG

SLOPE BREAKER & TRENCH PLUG SPACING

CODE	% SLOPE	SPACING
A	< 5%	NO STRUCTURE
B	5 - 15%	300 FT
C	15 - 30%	200 FT
D	> 30%	100 FT

% SLOPE

REFERENCE DRAWINGS

REVISIONS

MATERIALS

ENGINEERING APPROVALS

SABAL TRAIL PROJECT
PROPOSED 36" PIPELINE
STA. 20617+05 TO STA. 20670+05
ALIGNMENT SHEET

LOC. MARION COUNTY, FLORIDA

YEAR: 2015 SHEET: 394R OF 488 SCALE: 1" = 200' DWG. 1657-PL-DG-70097-394R REV. 1

20617+05

20622+05

20627+05

20632+05

20637+05

20642+05

20647+05

20652+05

20657+05

20662+05

20667+05

20670+05

165

150

135

120

105

90

75

60

45

30

15

0

-15

-30

-45

NATURAL GRADE

20617+05

20622+05

20627+05

20632+05

20637+05

20642+05

20647+05

20652+05

20657+05

20662+05

20667+05

20670+05

165

150

135

120

105

90

75

60

45

30

15

0

-15

-30

-45

RIGHT - OF - WAY

TRACT NUMBERS

RODDAGE

SURVEY DATA

CLASS LOCATION

DESIGN FACTOR

PIPE MATERIAL

ALIGNMENT DETAIL

REFERENCE DRAWING

SITE SPECIFIC E & S

PROFILE

20670+05

20670+05

20680+05

20685+05

20690+05

20695+05

20700+05

20705+05

20710+05

20712+70

105.6

37.5

49.3

22.8

43.3

FL-MA-050.500.SR

FL-MA-041.500.CS

FL-MA-041.250.CS

FL-MA-041.750.CS

FL-MA-043.015

20684+05

20685+05

20686+05

20687+05

20688+05

20689+05

20690+05

20691+05

20692+05

20693+05

20694+05

20695+05

20696+05

20697+05

20698+05

20699+05

20700+05

20701+05

20702+05

20703+05

20704+05

20705+05

20706+05

20707+05

20708+05

20709+05

20710+05

20711+05

20712+05

20713+05

20714+05

20715+05

20716+05

20717+05

20718+05

20719+05

20720+05

20721+05

20722+05

20723+05

20724+05

20725+05

20726+05

20727+05

20728+05

20729+05

20730+05

20731+05

20732+05

20733+05

20734+05

20735+05

20736+05

20737+05

20738+05

20739+05

20740+05

20741+05

20742+05

20743+05

20744+05

20745+05

20746+05

20747+05

20748+05

20749+05

20750+05

20751+05

20752+05

20753+05

20754+05

20755+05

20756+05

20757+05

20758+05

20759+05

20760+05

20761+05

20762+05

20763+05

20764+05

20765+05

20766+05

20767+05

20768+05

20769+05

20770+05

20771+05

20772+05

20773+05

20774+05

20775+05

20776+05

20777+05

20778+05

20779+05

20780+05

20781+05

20782+05

20783+05

20784+05

20785+05

20786+05

20787+05

20788+05

20789+05

20790+05

20791+05

20792+05

20793+05

20794+05

20795+05

20796+05

20797+05

20798+05

20799+05

20800+05

20801+05

20802+05

20803+05

20804+05

20805+05

20806+05

20807+05

20808+05

20809+05

20810+05

20811+05

20812+05

20813+05

20814+05

20815+05

20816+05

20817+05

20818+05

20819+05

20820+05

20821+05

20822+05

20823+05

20824+05

20825+05

20826+05

20827+05

20828+05

20829+05

20830+05

20831+05

20832+05

20833+05

20834+05

20835+05

20836+05

20837+05

20838+05

20839+05

20840+05

20841+05

20842+05

20843+05

20844+05

20845+05

20846+05

20847+05

20848+05

20849+05

20850+05

20851+05

20852+05

20853+05

20854+05

20855+05

20856+05

20857+05

20858+05

20859+05

20860+05

20861+05

20862+05

20863+05

20864+05

20865+05

20866+05

20867+05

20868+05

20869+05

20870+05

20871+05

20872+05

20873+05

20874+05

20875+05

20876+05

20877+05

20878+05

20879+05

20880+05

20881+05

20882+05

20883+05

20884+05

20885+05

20886+05

20887+05

20888+05

20889+05

20890+05

20891+05

20892+05

20893+05

20894+05

20895+05

20896+05

20897+05

20898+05

20899+05

20900+05

20901+05

20902+05

20903+05

20904+05

20905+05

20906+05

20907+05

20908+05

20909+05

20910+05

20911+05

20912+05

20913+05

20914+05

20915+05

20916+05

20917+05

20918+05

20919+05

20920+05

20921+05

20922+05

20923+05

20924+05

20925+05

20926+05

20927+05

20928+05

20929+05

20930+05

20931+05

20932+05

20933+05

20934+05

20935+05

20936+05

20937+05

20938+05

20939+05

20940+05

20941+05

20942+05

20943+05

20944+05

20945+05

20946+05

20947+05

20948+05

20949+05

20950+05

20951+05

20952+05

20953+05

20954+05

20955+05

20956+05

20957+05

20958+05

20959+05

20960+05

20961+05

20962+05

20963+05

20964+05

20965+05

20966+05

RIGHT - OF - WAY

TRACT NUMBERS

RODDAGE

SURVEY DATA

SURVEY COMPANY:

FIELD BOOK:

PAGES:

CLASS LOCATION

DESIGN FACTOR

PIPE MATERIAL

ALIGNMENT DETAIL

PROPOSED PIPELINE

NO ENVIRONMENTAL SURVEY

PROPOSED PERMANENT EASEMENT

TEMP WORKSPACE

ADD. TEMP. WORKSPACE

CL. STREAM/DRAIN/WATERBODY (ENV)

CL. CANAL/CREEK/DITCH (CIV)

EDGE OF WATER

CL. LEVEE

FIELD DELINEATED WETLAND

NATIONAL WETLAND INVENTORY

STREAM/DRAIN/WATERBODY BNDRY

UNCONFIRMED WATERBODY

MUNICIPAL BOUNDARY

COUNTY BOUNDARY

STATE BOUNDARY

CL. ROAD

UNCONFIRMED ROAD

EDGE OF ROAD

CL. RAILROAD

UNCONFIRMED RAILROAD

ACCESS ROAD (PAR)

ACCESS ROAD (TAR)

STRUCTURE

CONTOUR MAJOR (EVERY 10')

CONTOUR MINOR (EVERY 2')

PIPELINE MILEPOST

PIPELINE MILEPOST 10TH

PROPERTY LINE

UNDERGROUND UTILITY

UNCONFIRMED UND. UTILITY

OVERHEAD POWERLINE

UNCONFIRMED O.H. POWERLINE

OVERHEAD TELEPHONE

VERIFIED PIPELINE

UNCONFIRMED PIPELINE

FENCE

TOP / TOE

GAS VALVE

GUY ANCHOR

HDD ENTRY/EXIT

SPREAD BREAK

UTILITY POLE

DATE OF AERIAL PHOTOGRAPHY: MARCH 13, 2013 AND BING FEB. 2010 & MARCH 2011

MARION COUNTY, FLORIDA

SEC 17, 20, & 19 - T17S - R20E

PROPOSED 36" PIPELINE

NOV. 21, 2014 ROUTE

END WILBERTA TASTAWAN PRESERVE RE-ROUTE

DUNNELLON COMPRESSOR STATION

FL-MA-041.250.CS

FL-MA-041.750.CS

FL-MA-041.000

FL-MA-043.015

FL-MA-043.020

FL-MA-043.005.AN

CCL-FL-MAR-001.000

CCL-FL-MAR-001.500.SR

CCL-FL-MAR-001.005

FL-MA-055.500.AR

M 392.29R P

M 390.11 P

M 390 P

SEE SHT. 1657-PL-DG-70097-392R STA. - 20712+70

SEE SHT. 1657-PL-DG-70097-393 STA. - 20598+00

EQUATION: 20741+69 BK
20588+92 AH
DIFF. (+15.277)

EQUATION: 20741+69 BK
20588+92 AH
DIFF. (+15.277)

20712+70

20717+00

20722+70

20727+70

20583+00

20588+00

20593+00

20598+00

135

120

105

90

75

60

45

30

15

0

-15

-30

-45

-60

NATURAL GRADE

135

120

105

90

75

60

45

30

15

0

-15

-30

-45

-60

EQUATION: 20741+69 BK
20588+92 AH
DIFF. (+15.277)

20591+83 CL SR-200

REFERENCE DRAWINGS

REVISIONS

MATERIALS

ENGINEERING APPROVALS

SABAL TRAIL PROJECT
PROPOSED 36" PIPELINE
STA. 20712+70 TO STA. 20598+00
ALIGNMENT SHEET

LOC. MARION COUNTY, FLORIDA

YEAR: 2015 SHEET: 392 OF 488 SCALE: 1" = 200'

DWG. 1657-PL-DG-70097-392 REV. 2

[illegible]

RIGHT - OF - WAY

TRACT NUMBERS

RODDAGE

CROSSING

20704+00

20720+12

20757+00

FL-MA-056.000

FL-MA-057.000

97.7

223.5

SURVEY DATA

SURVEY COMPANY:

FIELD BOOK:

PAGES:

CLASS LOCATION

DESIGN FACTOR

PIPE MATERIAL

ALIGNMENT DETAIL

PROPOSED PIPELINE

NO ENVIRONMENTAL SURVEY

PROPOSED PERMANENT EASEMENT

TEMP WORKSPACE

ADD. TEMP. WORKSPACE

CL STREAM/DRAIN/WATERBODY (ENV)

CL CANAL/CREEK/DITCH (CIV)

EDGE OF WATER

CL LEVEE

FIELD DELINEATED WETLAND

NATIONAL WETLAND INVENTORY

STREAM/DRAIN/WATERBODY BNDRY

UNCONFIRMED WATERBODY

MUNICIPAL BOUNDARY

COUNTY BOUNDARY

STATE BOUNDARY

CL ROAD

UNCONFIRMED ROAD

EDGE OF ROAD

CL RAILROAD

UNCONFIRMED RAILROAD

ACCESS ROAD (PAR)

ACCESS ROAD (TAR)

STRUCTURE

CONTOUR MAJOR (EVERY 10')

CONTOUR MINOR (EVERY 2')

PIPELINE MILEPOST

PIPELINE MILEPOST 10TH

PROPERTY LINE

UNDERGROUND UTILITY

UNCONFIRMED UNDG. UTILITY

OVERHEAD POWERLINE

UNCONFIRMED O.H. POWERLINE

OVERHEAD TELEPHONE

VERIFIED PIPELINE

UNCONFIRMED PIPELINE

FENCE

TOP / TOE

GAS VALVE

GUY ANCHOR

HDD ENTRY/EXIT

WELL

SEPTIC

SPREAD BREAK

UTILITY POLE

DATE OF AERIAL PHOTOGRAPHY: MARCH 13, 2013

REFERENCE DRAWING

ENVIRONMENTAL SURVEY DATA

SITE SPECIFIC E & S

PROFILE

SCALE:

HORIZONTAL: 1" = 200'

VERTICAL: 1" = 50'

THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDELINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CHIEF INSPECTOR.

SLOPE BREAKERS/ARROW INDICATES DIRECTION

TRENCH PLUG

SLOPE BREAKER & TRENCH PLUG SPACING

CODE

% SLOPE

SPACING

% SLOPE

REFERENCE DRAWINGS

REVISIONS

MATERIALS

ENGINEERING APPROVALS

SABAL TRAIL PROJECT

PROPOSED 36" PIPELINE

STA. 20704+00 TO STA. 20757+00

ALIGNMENT SHEET

LOC.

YEAR: 2015

SHEET: 395 OF 480

SCALE: 1" = 200'

DWG. 1657-PL-DG-70097-395

REV. 1

20704+00

20709+00

20714+00

20719+00

20724+00

20729+00

20734+00

20739+00

20744+00

20749+00

20754+00

20757+00

135

120

105

90

75

60

45

30

15

0

-15

-30

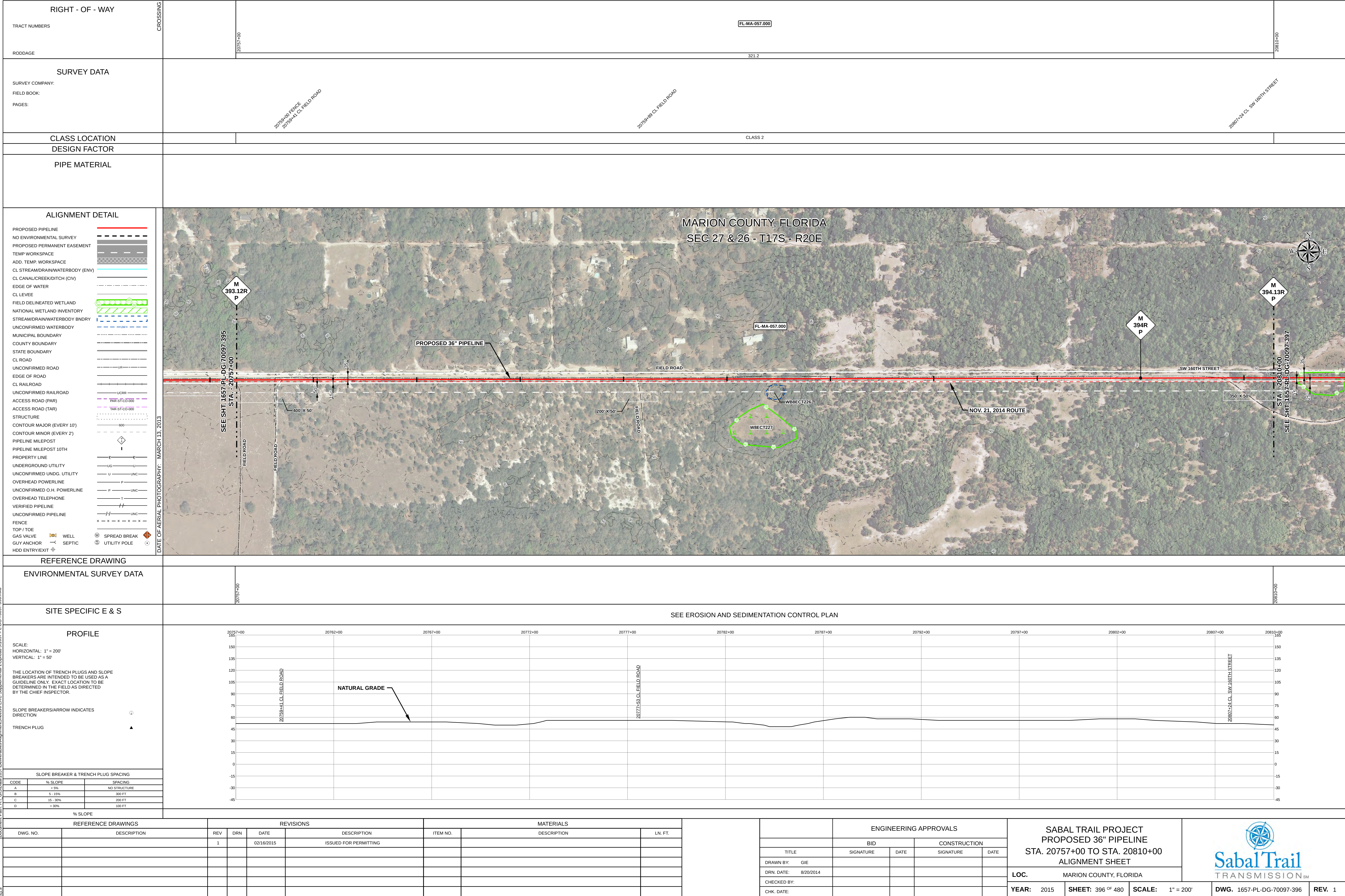
-45

-60

NATURAL GRADE

20756+41.1 CL FIELD ROAD

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RIGHT - OF - WAY

TRACT NUMBERS

RODDAGE

SURVEY DATA

SURVEY COMPANY:

FIELD BOOK:

PAGES:

CLASS LOCATION

DESIGN FACTOR

PIPE MATERIAL

ALIGNMENT DETAIL

PROPOSED PIPELINE

NO ENVIRONMENTAL SURVEY

PROPOSED PERMANENT EASEMENT

TEMP WORKSPACE

ADD. TEMP. WORKSPACE

CL. STREAM/DRAIN/WATERBODY (ENV)

CL. CANAL/CREEK/DITCH (CIV)

EDGE OF WATER

CL. LEVEE

FIELD DELINEATED WETLAND

NATIONAL WETLAND INVENTORY

STREAM/DRAIN/WATERBODY BNDRY

UNCONFIRMED WATERBODY

MUNICIPAL BOUNDARY

COUNTY BOUNDARY

STATE BOUNDARY

CL. ROAD

UNCONFIRMED ROAD

EDGE OF ROAD

CL. RAILROAD

UNCONFIRMED RAILROAD

ACCESS ROAD (PAR)

ACCESS ROAD (TAR)

STRUCTURE

CONTOUR MAJOR (EVERY 10')

CONTOUR MINOR (EVERY 2')

PIPELINE MILEPOST

PIPELINE MILEPOST 10TH

PROPERTY LINE

UNDERGROUND UTILITY

UNCONFIRMED UND. UTILITY

OVERHEAD POWERLINE

UNCONFIRMED O.H. POWERLINE

OVERHEAD TELEPHONE

VERIFIED PIPELINE

UNCONFIRMED PIPELINE

FENCE

TOP / TOE

GAS VALVE

GUY ANCHOR

HDD ENTRY/EXIT

WELL

SEPTIC

SPREAD BREAK

UTILITY POLE

DATE OF AERIAL PHOTOGRAPHY: MARCH 13, 2013

REFERENCE DRAWING

ENVIRONMENTAL SURVEY DATA

SITE SPECIFIC E & S

PROFILE

SCALE:

HORIZONTAL: 1" = 200'

VERTICAL: 1" = 50'

THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDE LINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CHIEF INSPECTOR.

SLOPE BREAKERS/ARROW INDICATES DIRECTION

TRENCH PLUG

SLOPE BREAKER & TRENCH PLUG SPACING

CODE

% SLOPE

SPACING

% SLOPE

REVISIONS

REV

DRN

DATE

DESCRIPTION

ITEM NO.

MATERIALS

DESCRIPTION

LN. FT.

ENGINEERING APPROVALS

BID

CONSTRUCTION

TITLE

SIGNATURE

DATE

SIGNATURE

DATE

DRAWN BY:

DRN. DATE:

CHECKED BY:

CHK. DATE:

SABAL TRAIL PROJECT

PROPOSED 36" PIPELINE

STA. 20810+00 TO STA. 20863+00

ALIGNMENT SHEET

LOC.

YEAR:

2015

SHEET:

397 OF 480

SCALE:

1" = 200'

DWG.

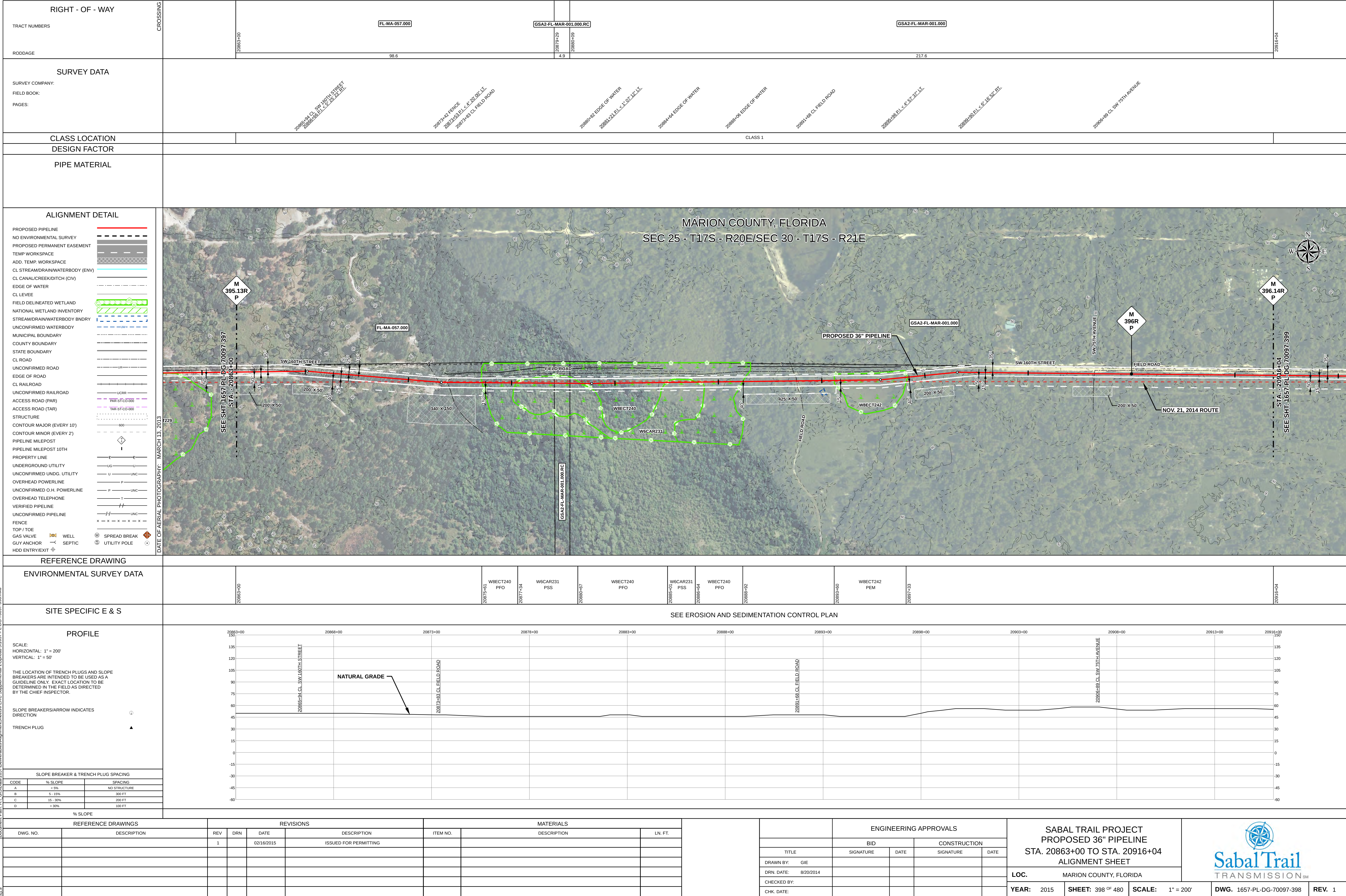
1657-PL-DG-70097-397

REV.

1

IGI

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RIGHT - OF - WAY

TRACT NUMBERS

RODDAGE

CROSSING

SURVEY DATA

SURVEY COMPANY:

FIELD BOOK:

PAGES:

CLASS LOCATION

DESIGN FACTOR

PIPE MATERIAL

ALIGNMENT DETAIL

PROPOSED PIPELINE

NO ENVIRONMENTAL SURVEY

PROPOSED PERMANENT EASEMENT

TEMP WORKSPACE

ADD. TEMP. WORKSPACE

CL STREAM/DRAIN/WATERBODY (ENV)

CL CANAL/CREEK/DITCH (CIV)

EDGE OF WATER

CL LEVEE

FIELD DELINEATED WETLAND

NATIONAL WETLAND INVENTORY

STREAM/DRAIN/WATERBODY BNDRY

UNCONFIRMED WATERBODY

MUNICIPAL BOUNDARY

COUNTY BOUNDARY

STATE BOUNDARY

CL ROAD

UNCONFIRMED ROAD

EDGE OF ROAD

CL RAILROAD

UNCONFIRMED RAILROAD

ACCESS ROAD (PAR)

ACCESS ROAD (TAR)

STRUCTURE

CONTOUR MAJOR (EVERY 10')

CONTOUR MINOR (EVERY 2')

PIPELINE MILEPOST

PIPELINE MILEPOST 10TH

PROPERTY LINE

UNDERGROUND UTILITY

UNCONFIRMED UNDG. UTILITY

OVERHEAD POWERLINE

UNCONFIRMED O.H. POWERLINE

OVERHEAD TELEPHONE

VERIFIED PIPELINE

UNCONFIRMED PIPELINE

FENCE

TOP / TOE

GAS VALVE

GUY ANCHOR

HDD ENTRY/EXIT

WELL

SEPTIC

SPREAD BREAK

UTILITY POLE

DATE OF AERIAL PHOTOGRAPHY: MARCH 13, 2013

REFERENCE DRAWINGS

ENVIRONMENTAL SURVEY DATA

SITE SPECIFIC E & S

PROFILE

SCALE:

HORIZONTAL: 1" = 200'

VERTICAL: 1" = 50'

THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDELINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CHIEF INSPECTOR.

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SLOPE BREAKER & TRENCH PLUG SPACING

CODE	% SLOPE	SPACING
A	< 5%	NO STRUCTURE
B	5 - 15%	300 FT
C	15 - 30%	200 FT
D	> 30%	100 FT

% SLOPE

REFERENCE DRAWINGS

REV

DRN

DATE

REVISIONS

DESCRIPTION

ITEM NO.

MATERIALS

DESCRIPTION

LN. FT.

ENGINEERING APPROVALS

BID

SIGNATURE

DATE

CONSTRUCTION

SIGNATURE

DATE

TITLE

DRAWN BY: GIE

DRN. DATE: 8/20/2014

CHECKED BY:

CHK. DATE:

SABAL TRAIL PROJECT

PROPOSED 36" PIPELINE

STA. 20916+04 TO STA. 20969+05

ALIGNMENT SHEET

LOC. MARION COUNTY, FLORIDA

YEAR: 2015

SHEET: 399 OF 480

SCALE: 1" = 200'

DWG. 1657-PL-DG-70097-399

REV. 1

Sabal Trail

TRANSMISSION

20915+00

20921+00

20926+00

20931+00

20936+00

20941+00

20946+00

20951+00

20956+00

20961+00

20966+00

20969+05

135

120

105

90

75

60

45

30

15

0

-15

-30

-45

-60

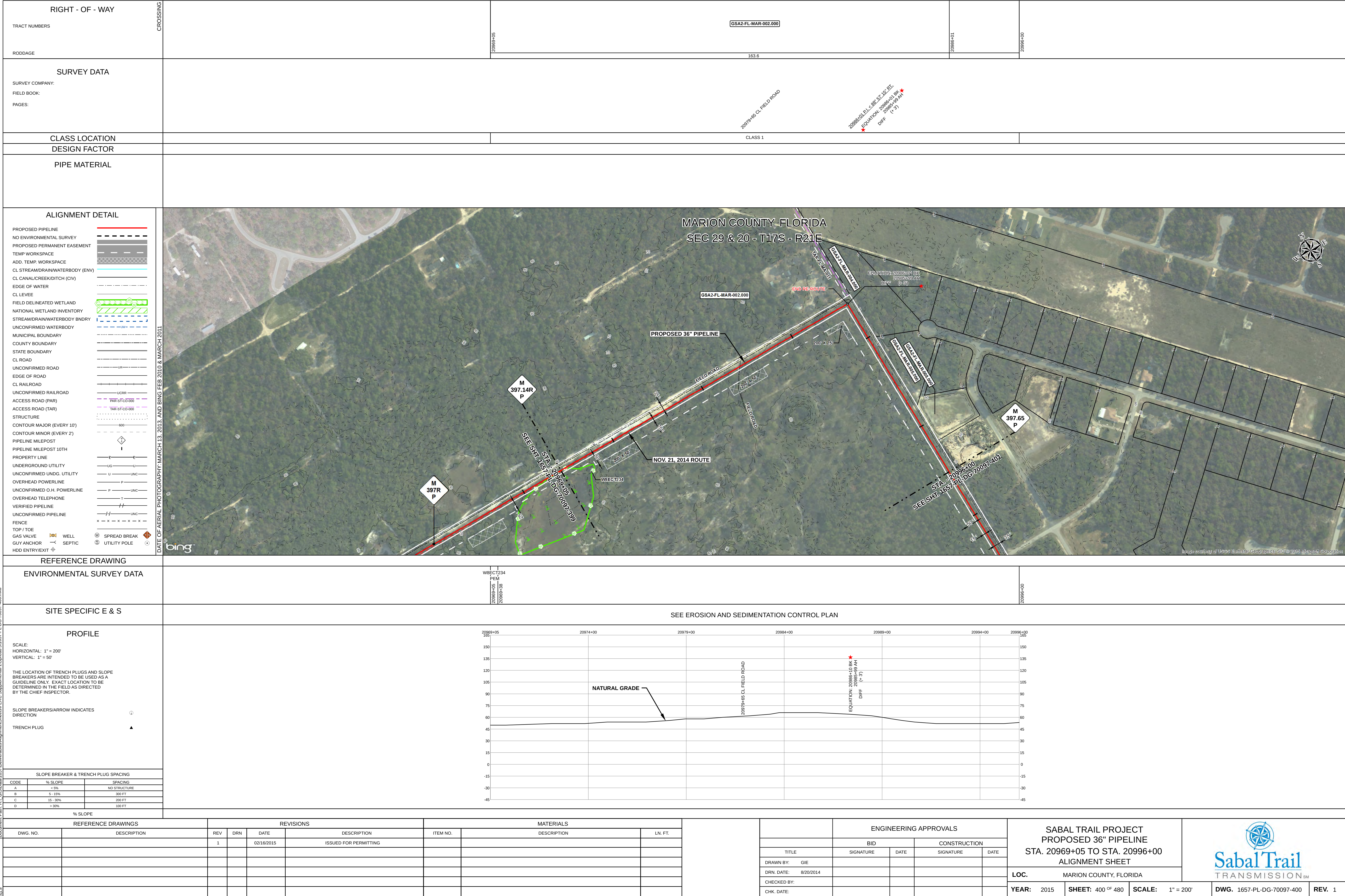
NATURAL GRADE

20933+42 CL FIELD ROAD

20933+39 CL FIELD ROAD

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IS.#



20999+05

20974+00

20979+00

20984+00

20989+00

20994+00

20996+00

165

150

135

120

105

90

75

60

45

30

15

0

-15

-30

-45

NATURAL GRADE

20979+05 CL FIELD ROAD

EQUATION: 20986+10 BK
20985+00 BH
DIFF: 10.37

W8 ECT 234

PEM

20999+05

20996+00

20999+05

20974+00

20979+00

20984+00

20989+00

20994+00

20996+00

165

150

135

120

105

90

75

60

45

30

15

0

-15

-30

-45

NATURAL GRADE

20979+05 CL FIELD ROAD

EQUATION: 20986+10 BK
20985+00 BH
DIFF: 10.37

W8 ECT 234

PEM

20999+05

20996+00

20999+05

20974+00

20979+00

20984+00

20989+00

20994+00

20996+00

165

150

135

120

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60

45

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15

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-15

-30

-45

NATURAL GRADE

20979+05 CL FIELD ROAD

EQUATION: 20986+10 BK
20985+00 BH
DIFF: 10.37

W8 ECT 234

PEM

20999+05

20996+00

20999+05

20974+00

20979+00

20984+00

20989+00

20994+00

20996+00

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60

45

30

15

0

-15

-30

-45

NATURAL GRADE

20979+05 CL FIELD ROAD

EQUATION: 20986+10 BK
20985+00 BH
DIFF: 10.37

W8 ECT 234

PEM

20999+05

20996+00

20999+05

20974+00

20979+00

20984+00

20989+00

20994+00

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60

45

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-15

-30

-45

NATURAL GRADE

20979+05 CL FIELD ROAD

EQUATION: 20986+10 BK
20985+00 BH
DIFF: 10.37

W8 ECT 234

PEM

20999+05

20996+00

20999+05

20974+00

20979+00

20984+00

20989+00

20994+00

20996+00

165

150

135

120

105

90

75

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45

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-15

-30

-45

NATURAL GRADE

20979+05 CL FIELD ROAD

EQUATION: 20986+10 BK
20985+00 BH
DIFF: 10.37

W8 ECT 234

PEM

20999+05

20996+00

20999+05

20974+00

20979+00

20984+00

20989+00

20994+00

20996+00

165

150

135

120

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75

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-15

-30

-45

NATURAL GRADE

20979+05 CL FIELD ROAD

EQUATION: 20986+10 BK
20985+00 BH
DIFF: 10.37

W8 ECT 234

PEM

20999+05

20996+00

20999+05

20974+00

20979+00

20984+00

20989+00

20994+00

20996+00

165

150

135

120

105

90

75

60

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30

15

0

-15

-30

-45

NATURAL GRADE

20979+05 CL FIELD ROAD

EQUATION: 20986+10 BK
20985+00 BH
DIFF: 10.37

W8 ECT 234

PEM

20999+05

20996+00

20999+05

20974+00

20979+00

20984+00

20989+00

20994+00

20996+00

165

150

135

120

105

90

75

60

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NATURAL GRADE

20979+05 CL FIELD ROAD

EQUATION: 20986+10 BK
20985+00 BH
DIFF: 10.37

W8 ECT 234

PEM

20999+05

20996+00

20999+05

20974+00

20979+00

20984+00

20989+00

20994+00

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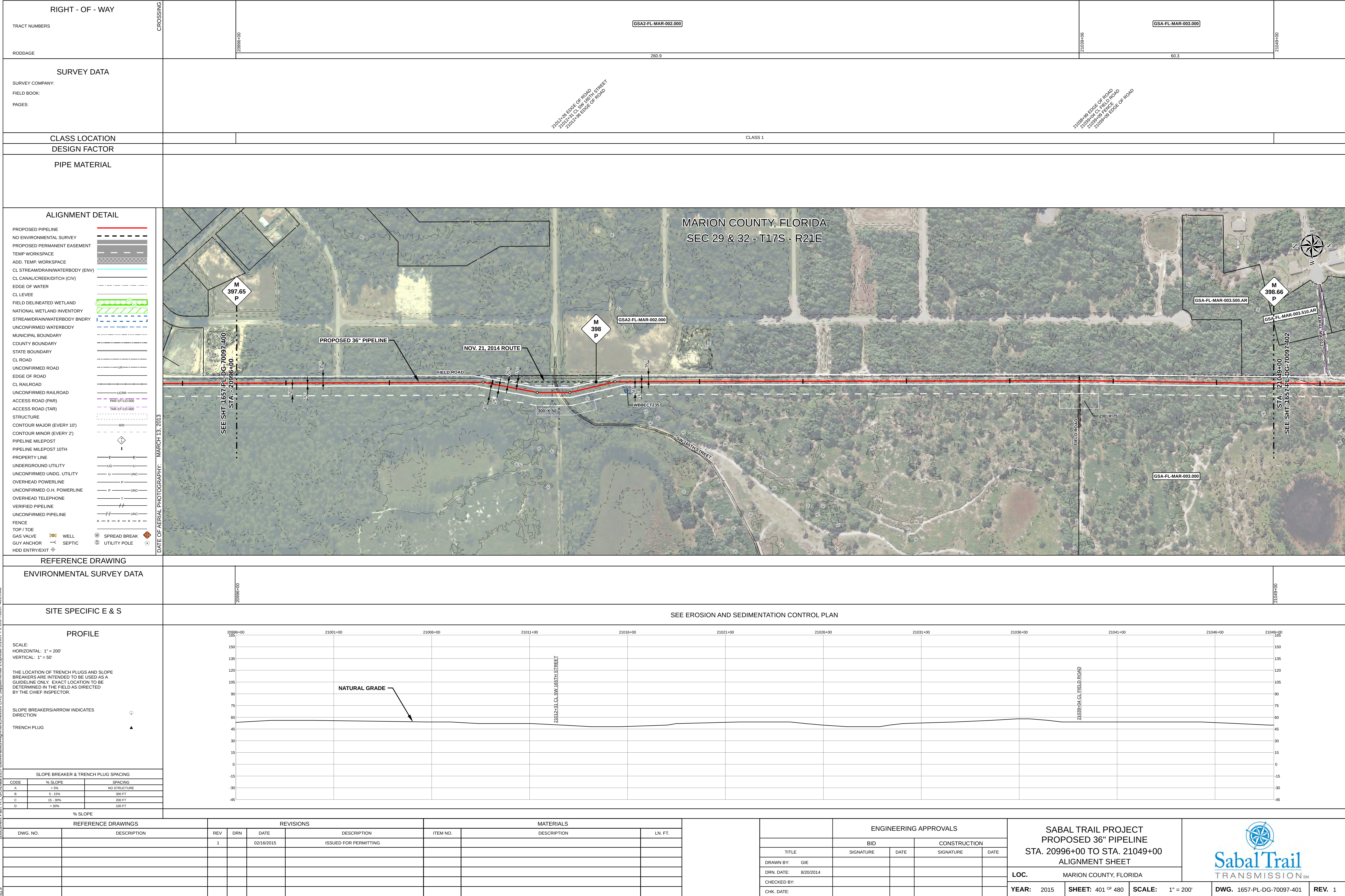
EQUATION: 20986+10 BK
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W8 ECT 234

PEM

20999+05

20



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US_#

RIGHT - OF - WAY

TRACT NUMBERS

RODDAGE

SURVEY DATA

SURVEY COMPANY:

FIELD BOOK:

PAGES:

CLASS LOCATION

DESIGN FACTOR

PIPE MATERIAL

ALIGNMENT DETAIL

PROPOSED PIPELINE

NO ENVIRONMENTAL SURVEY

PROPOSED PERMANENT EASEMENT

TEMP WORKSPACE

ADD. TEMP. WORKSPACE

CL STREAM/DRAIN/WATERBODY (ENV)

CL CANAL/CREEK/DITCH (CIV)

EDGE OF WATER

CL LEVEE

FIELD DELINEATED WETLAND

NATIONAL WETLAND INVENTORY

STREAM/DRAIN/WATERBODY BNDRY

UNCONFIRMED WATERBODY

MUNICIPAL BOUNDARY

COUNTY BOUNDARY

STATE BOUNDARY

CL ROAD

UNCONFIRMED ROAD

EDGE OF ROAD

CL RAILROAD

UNCONFIRMED RAILROAD

ACCESS ROAD (PAR)

ACCESS ROAD (TAR)

STRUCTURE

CONTOUR MAJOR (EVERY 10')

CONTOUR MINOR (EVERY 2')

PIPELINE MILEPOST

PIPELINE MILEPOST 10TH

PROPERTY LINE

UNDERGROUND UTILITY

UNCONFIRMED UNDG. UTILITY

OVERHEAD POWERLINE

UNCONFIRMED O.H. POWERLINE

OVERHEAD TELEPHONE

VERIFIED PIPELINE

UNCONFIRMED PIPELINE

FENCE

TOP / TOE

GAS VALVE

GUY ANCHOR

HDD ENTRY/EXIT

DATE OF AERIAL PHOTOGRAPHY: MARCH 13, 2013

REFERENCE DRAWING

ENVIRONMENTAL SURVEY DATA

SITE SPECIFIC E & S

PROFILE

SCALE:

HORIZONTAL: 1" = 200'

VERTICAL: 1" = 50'

THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDE LINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CHIEF INSPECTOR.

SLOPE BREAKERS/ARROW INDICATES DIRECTION

TRENCH PLUG

SLOPE BREAKER & TRENCH PLUG SPACING

CODE

% SLOPE

SPACING

% SLOPE

21049+00

21054+00

21059+00

21064+00

21069+00

21074+00

21079+00

21084+00

21089+00

21094+00

21099+00

21101+00

135

120

105

90

75

60

45

30

15

0

-15

-30

-45

-60

21049+00

21054+00

21059+00

21064+00

21069+00

21074+00

21079+00

21084+00

21089+00

21094+00

21099+00

21101+00

135

120

105

90

75

60

45

30

15

0

-15

-30

-45

-60

21049+00

21054+00

21059+00

21064+00

21069+00

21074+00

21079+00

21084+00

21089+00

21094+00

21099+00

21101+00

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21099+00

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135

120

105

90

75

60

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21049+00

21054+00

21059+00

21064+00

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21074+00

21079+00

21084+00

21089+00

21094+00

21099+00

21101+00

135

120

105

90

75

60

45

30

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-15

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21049+00

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