

SOUTH LAKE REGIONAL PARK

LAKE COUNTY MASS GRADING SUBMITTAL

LAKE COUNTY, FLORIDA

DESCRIPTION
ALL THAT PART OF TRACTS 54, 55, AND 60 OF SECTION 21, TOWNSHIP 22 SOUTH, RANGE 25 EAST, AND THAT PART OF TRACTS 5 AND 6 OF SECTION 28, TOWNSHIP 22 SOUTH, RANGE 25 EAST, ACCORDING TO THE PLAT OF GROVELAND FARMS AS RECORDED IN PLAT BOOK 2, PAGES 10 AND 11, PUBLIC RECORDS OF LAKE COUNTY, FLORIDA, NOT LYING WITHIN THE BOUNDS OF THE FOLLOWING DESCRIPTION:
THAT PART OF SECTIONS 21 AND 28, TOWNSHIP 22 SOUTH, RANGE 25 EAST, DESCRIBED AS FOLLOWS: BEGIN AT THE SOUTHEAST CORNER OF SECTION 21, TOWNSHIP 22 SOUTH, RANGE 25 EAST, LAKE COUNTY, FLORIDA, AND RUN THENCE NORTH 01°13'38.9" WEST ALONG THE EAST LINE OF SAID SECTION 719.82 FEET; THENCE SOUTH 89°21'54.9" WEST 566.36 FEET; THENCE SOUTH 82°24'48.8" WEST 337.44 FEET; THENCE NORTH 79°59'29.2" WEST 1156.55 FEET; THENCE SOUTH 0°55'12.8" EAST 268.25 FEET; THENCE SOUTH 89°42'53.2" WEST 660 FEET; THENCE SOUTH 0°55'12.8" EAST 34.79 FEET; THENCE SOUTH 28°00' EAST 296.89 FEET; THENCE SOUTH 48°00' EAST 482.11 FEET; THENCE SOUTH 62°41'50.9" EAST 314.23 FEET; THENCE SOUTH 13°33'14.4" WEST 145 FEET; THENCE SOUTH 17°11'06.2" EAST 291.11 FEET; THENCE SOUTH 57°11'36.5" EAST 231.3 FEET; THENCE NORTH 88°56'48.8" EAST 1686.7 FEET TO A POINT ON THE EAST LINE OF SECTION 28, TOWNSHIP 22 SOUTH, RANGE 25 EAST; THENCE NORTH 0°02'50.2" EAST ALONG SECTION LINE 678.71 FEET TO THE POINT OF BEGINNING.

AND

THAT PART OF SECTIONS 21 AND 28, TOWNSHIP 22 SOUTH, RANGE 25 EAST, DESCRIBED AS FOLLOWS:
BEGIN AT THE SOUTHEAST CORNER OF SECTION 21, TOWNSHIP 22 SOUTH, RANGE 25 EAST, LAKE COUNTY, FLORIDA, AND RUN THENCE NORTH 01°13'38.9" WEST ALONG THE EAST LINE OF SAID SECTION 719.82 FEET; THENCE SOUTH 89°21'54.9" WEST 566.36 FEET; THENCE SOUTH 82°24'48.8" WEST 337.44 FEET; THENCE NORTH 79°59'29.2" WEST 1156.55 FEET; THENCE SOUTH 0°55'12.8" EAST 268.25 FEET; THENCE SOUTH 89°42'53.2" WEST 660 FEET; THENCE SOUTH 0°55'12.8" EAST 34.79 FEET; THENCE SOUTH 28°00' EAST 296.89 FEET; THENCE SOUTH 48°00' EAST 482.11 FEET; THENCE SOUTH 62°41'50.9" EAST 314.23; THENCE SOUTH 13°33'14.4" WEST 145 FEET; THENCE SOUTH 17°11'06.2" EAST 291.11 FEET; THENCE SOUTH 57°11'36.5" EAST 231.3 FEET; THENCE NORTH 88°56'48.8" EAST 1686.7 FEET TO A POINT ON THE EAST LINE OF SECTION 28, TOWNSHIP 22 SOUTH, RANGE 25 EAST; THENCE NORTH 0°02'50.2" EAST ALONG SECTION LINE 678.71 FEET TO THE POINT OF BEGINNING.

AND

TRACT 12, GROVELAND FARMS, SECTION 28, TOWNSHIP 22 SOUTH, RANGE 25 EAST, AND BEGIN 275 FEET NORTH OF THE SOUTHEAST CORNER OF TRACT 9, GROVELAND FARMS, SECTION 28, TOWNSHIP 22 SOUTH, RANGE 25 EAST; RUN THENCE NORTH TO THE NORTHEAST CORNER OF THE SAID TRACT 9; RUN THENCE WEST TO THE NORTHWEST CORNER OF TRACT 11; RUN THENCE SOUTH TO THE SOUTHWEST CORNER OF TRACT 11; RUN THENCE EAST 645 FEET; RUN THENCE NORTH 10 FEET; RUN THENCE EAST TO A POINT 196 FEET WEST OF THE EAST LINE OF TRACT 9; RUN THENCE NORTHEASTERLY TO THE POINT OF BEGINNING; ALL IN GROVELAND FARMS, SECTION 28, TOWNSHIP 22 SOUTH, RANGE 25 EAST, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 2, PAGES 10 AND 11, PUBLIC RECORDS OF LAKE COUNTY, FLORIDA.

BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

TRACTS 5, 6, 7, 8, 11, 12, 54, 55, 57, 58, 59, 60 AND A PORTION OF TRACTS 9, 10 AND 56 AND CERTAIN INTERNAL RIGHTS OF WAY TO THOSE TRACTS, ACCORDING TO THE PLAT OF 'GROVELAND FARMS' AS RECORDED IN PLAT BOOK 2, PAGES 10 AND 11, PUBLIC RECORDS OF LAKE COUNTY, FLORIDA AND LYING IN SECTIONS 21 AND 28, TOWNSHIP 22 SOUTH, RANGE 25 EAST, LAKE COUNTY, FLORIDA, DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 21; THENCE SOUTH 88°45'43" WEST ALONG THE SOUTH LINE OF SECTION 21 FOR 12.00 FEET TO THE SOUTHEAST CORNER OF AFORESAID TRACT 57 AND TO THE POINT OF BEGINNING; THENCE NORTH 01°13'39" WEST ALONG THE EASTERLY BOUNDARY OF SAID TRACT 57 AND THE EASTERLY BOUNDARY OF AFORESAID TRACT 56 FOR 719.95 FEET TO THE NORTHERLY BOUNDARY OF LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 783, PAGE 960 PUBLIC RECORDS OF LAKE COUNTY, FLORIDA; THENCE ALONG SAID NORTHERLY BOUNDARY THE FOLLOWING TWO (2) COURSES: RUN SOUTH 89°21'55" WEST FOR 554.36 FEET; THENCE SOUTH 82°24'49" WEST FOR 98.87 FEET TO THE EASTERLY BOUNDARY OF AFORESAID TRACT 55; THENCE NORTH 01°13'10" WEST ALONG SAID EASTERLY BOUNDARY FOR 609.45 FEET TO THE NORTHERLY BOUNDARY OF SAID TRACT 55; THENCE SOUTH 88°52'08" WEST ALONG SAID NORTHERLY BOUNDARY AND THE NORTHERLY BOUNDARY OF AFORESAID TRACT 54 FOR 1329.01 FEET TO THE WESTERLY BOUNDARY OF SAID TRACT 54; THENCE SOUTH 01°12'11" EAST ALONG SAID WESTERLY BOUNDARY FOR 663.39 FEET TO THE NORTHERLY BOUNDARY OF AFORESAID TRACT 60; THENCE SOUTH 88°48'55" WEST ALONG SAID NORTHERLY BOUNDARY FOR 652.60 FEET TO THE WESTERLY BOUNDARY OF SAID TRACT 60; THENCE SOUTH 01°11'42" EAST ALONG SAID WESTERLY BOUNDARY FOR 664.00 FEET TO THE NORTHWEST CORNER OF AFORESAID TRACT 5; THENCE SOUTH 00°58'43" EAST ALONG THE WESTERLY BOUNDARY OF SAID TRACT 5 AND THE WESTERLY BOUNDARY OF AFORESAID TRACT 12 FOR 1341.59 FEET TO THE SOUTHERLY BOUNDARY OF SAID TRACT 12; THENCE NORTH 89°04'20" EAST ALONG SAID SOUTHERLY BOUNDARY AND THE SOUTHERLY BOUNDARY OF AFORESAID TRACT 11 FOR 1293.77 FEET TO THE EASTERLY BOUNDARY OF SAID TRACT 11; THENCE NORTH 00°29'08" WEST ALONG SAID EASTERLY BOUNDARY FOR 10.00 FEET; THENCE NORTH 89°04'20" EAST ALONG A LINE 10.00 FEET NORTHERLY OF WHEN MEASURED AT RIGHT ANGLE TO THE SOUTHERLY BOUNDARY OF AFORESAID TRACTS 10 AND 9 FOR 1121.83 FEET TO A POINT 196.00 FEET WESTERLY OF THE EAST LINE OF SAID TRACT 9; THENCE NORTH 36°09'49" EAST FOR 332.17 FEET TO A POINT ON THE EASTERLY BOUNDARY OF TRACT 9 LYING 275.00 FEET NORTHERLY OF THE SOUTHEAST CORNER OF TRACT 9; THENCE NORTH 00°00'08" EAST ALONG THE EASTERLY BOUNDARY OF SAID TRACT 9 AND THE EASTERLY BOUNDARY OF AFORESAID TRACT 8 FOR 1081.04 FEET TO THE POINT OF BEGINNING.

CONTAINING 141.53 ACRES, MORE OR LESS.

A/K/A ALT KEYS 1103231, 2546204, 1029406

PARCEL ID NO.

01-22-24-440005400000



OWNER:

**LAKE COUNTY BOARD OF
COUNTY COMMISSIONERS
12929 COUNTY LANDFILL ROAD
TAVARES, FL 32778
(352) 253-4950
ROBERTO BONILLA**

ENGINEER:

**BOOTH, ERN, STRAUGHAN, & HIOTT, INC.
902 NORTH SINCLAIR AVENUE
TAVARES, FLORIDA 32778
(352) 343-8481
DUANE K. BOOTH, P.E.**

GEOTECHNICAL:

**ANDREYEV ENGINEERING, INC.
4055 ST. JOHN'S PARKWAY
SANFORD, FLORIDA 32771
(407) 330-7763
RAY JONES, P.E.**

Index of Sheets

- 1. COVER SHEET**
- AP.01 AERIAL PLAN**
- OSP.01 OVERALL SITE PLAN**
- ECP.01 EROSION CONTROL PLAN 1**
- ECP.02 EROSION CONTROL PLAN 2**
- ECP.03 EROSION CONTROL PLAN 3**
- ECP.04 EROSION CONTROL PLAN 4**
- ECP.05 EROSION CONTROL PLAN 5**
- ECP.06 EROSION CONTROL PLAN 6**
- ECP.07 EROSION CONTROL PLAN 7**
- GP.01 GRADING PLAN 1**
- GP.02 GRADING PLAN 2**
- GP.03 GRADING PLAN 3**
- GP.04 GRADING PLAN 4**
- GP.05 GRADING PLAN 5**
- GP.06 GRADING PLAN 6**
- GP.07 GRADING PLAN 7**
- DD.01 DRAINAGE DETAILS**
- PBP.08 PRE BASIN MAP**
- PBP.09 POST BASIN MAP**
- 1 OF 3 SURVEY SHEET**
- 2 OF 3 SURVEY SHEET**
- 3 OF 3 SURVEY SHEET**

DEVELOPMENT REVIEW	
PROJECT # _____	APPLICATION REQUEST # _____
PROJECT NAME: _____	
ALTERNATE KEY # _____	ORDINANCE # _____
REVIEWER PLEASE SIGN AND DATE BELOW	
ENVIRONMENTAL _____	
COMMENTS: _____	
PUBLIC SAFETY / EMERGENCY 911 _____	
COMMENTS: _____	
HEALTH DEPARTMENT _____	
COMMENTS: _____	
FIRE _____	
COMMENTS: _____	
CONCURRENCY _____	
COMMENTS: _____	
PUBLIC WORKS _____	
COMMENTS: _____	
PLANNING & ZONING _____	
COMMENTS: _____	
LANDSCAPE _____	
COMMENTS: _____	
PRELIMINARY/FINAL DEVELOPMENT REVIEW	
APPROVAL _____	
DATED _____	MANAGER, OFFICE OF PLANNING & ZONING (OR DESIGNEE)

PLANNER/LANDSCAPE ARCHITECT:

**COMMUNITY SOLUTIONS GROUP
618 E. SOUTH STREET, SUITE 700
ORLANDO, FLORIDA 32801
(407) 423-8398
FRANK BELLOMO, PLA**

SURVEYOR:

**BOOTH, ERN, STRAUGHAN, & HIOTT, INC.
902 NORTH SINCLAIR AVENUE
TAVARES, FLORIDA 32778
(352) 343-8481
MIKE STRAUGHAN, P.L.S.**

DECEMBER 2017

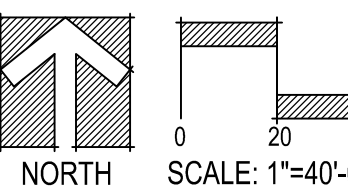
[illegible]

DRAWING SCALE AND NORTH ARROW



SHEET NUMBER

AP.01

[illegible]

EROSION CONTROL GENERAL NOTES:

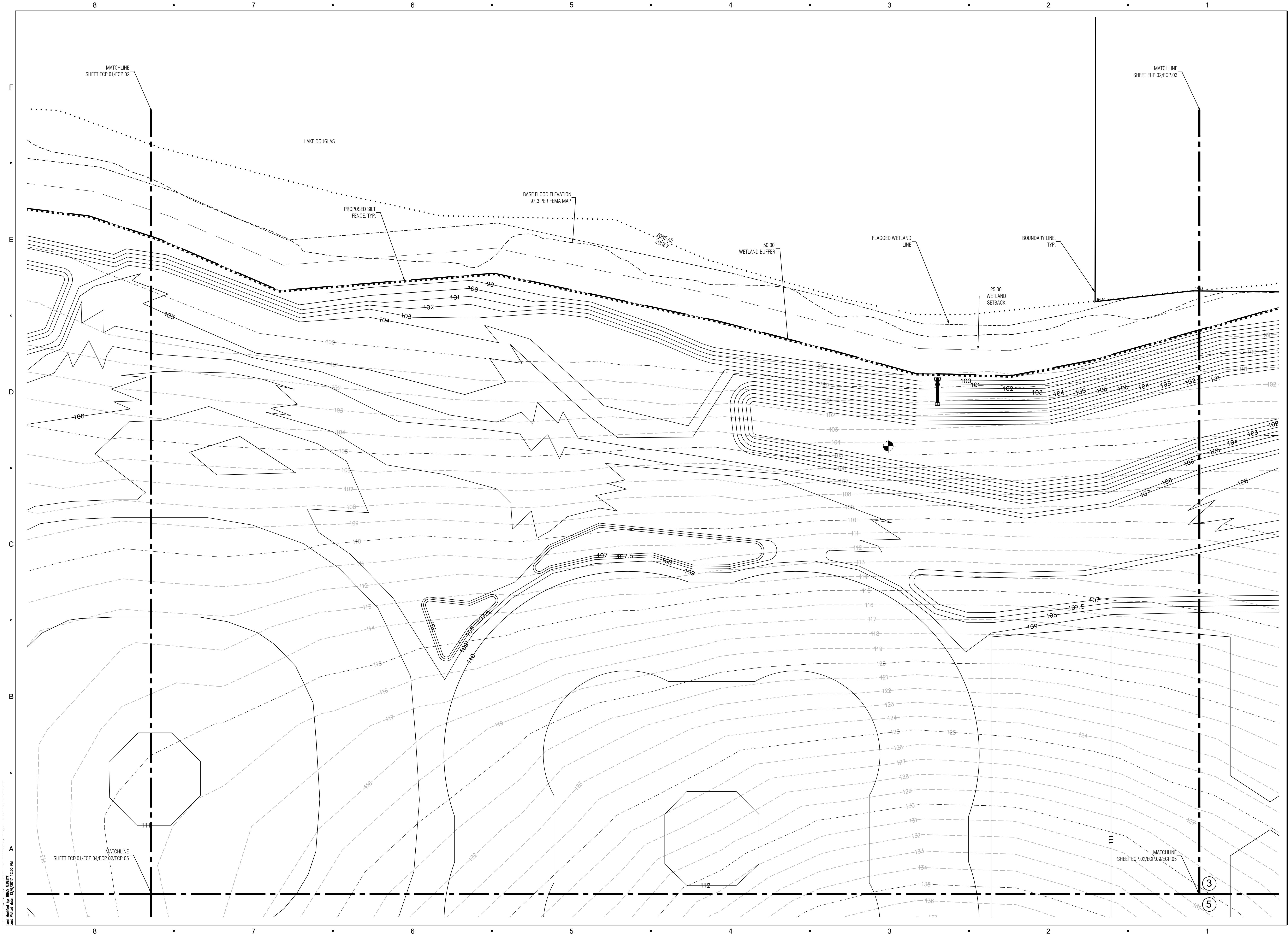
- 1). EROSION AND SEDIMENT CONTROLS SHALL BE MAINTAINED BY THE CONTRACTOR TO MINIMIZE THE AMOUNT OF SOIL DISTURBED, PREVENT OFFSITE RUNOFF FROM DISCHARGING ACROSS DISTURBED AREAS, AND REMOVE ON-SITE SEDIMENT PRIOR TO DISCHARGE OF RUNOFF FROM THE SITE.
- 2). DURING CONSTRUCTION THE CONTRACTOR WILL PROVIDE TEMPORARY SEEDING FOR AREAS WHICH HAVE BEEN CLEARED AND NOT RECOVERED WITHIN 7 CALENDAR DAYS. THE ENTIRE CLEARED AND UNPAVED PORTION OF THE PROJECT WILL BE SODDED OR MULCHED AND SEEDDED UPON COMPLETION. BARE SOIL AREAS WILL BE KEPT TO A MINIMUM.
- 3). THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTION AND MAINTENANCE OF ALL EROSION CONTROL DEVICES THROUGHOUT THE CONSTRUCTION PHASE OF THE PROJECT. MAINTENANCE SHALL BE CONDUCTED IN ACCORDANCE WITH FOOT CULVERT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2010) SECTION 104 AND FOOT ROADWAY AND TRAFFIC DESIGN STANDARDS (2010) STANDARD INDICES 100 - 105 OR AS DIRECTED BY THE ENGINEER. IF THE INSPECTION REVEALS THAT ANY DEVICES ARE FOUR IN NO WORKING ORDER OR DEFICIENT, THE CONTROLS WILL BE REPLACED IMMEDIATELY.

- 4). THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND REPAIRS OF EROSION AND SEDIMENT CONTROL DEVICES, AND REMOVAL OF EROSION AND SEDIMENT CONTROL DEVICES UNTIL ACCEPTANCE OF THE COMPLETED PROJECT BY THE OWNER.
- 5). BUILT UP SEDIMENT WILL BE REMOVED FROM SEDIMENT BARRIERS NO LATER THAN WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.
- 6). TEMPORARY AND PERMANENT SEEDING, SODDING, AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
- 7). SOIL TRACKING PREVENTION DEVICE, TYPE A SHALL BE MAINTAINED TO PREVENT CLOGGING OF ROCK BEDDING WHICH MAY IMPREDE THE USEFULNESS OF THE STRUCTURE. PAVED STREETS ADJACENT TO THE PROJECT, WILL NEED TO BE KEPT CLEAN OF ANY EXCESS MUD, DIRT, OR ROCK FROM THE PROJECT SITE. ALL DUMP TRUCKS HAULING MATERIAL TO AND FROM THE SITE WILL BE COVERED, ANY ADJACENT STREETS THAT BECOME AFFECTED BY CONSTRUCTION ACTIVITIES, SHALL BE SWEEP IMMEDIATELY.

- 8). ALL EROSION AND WATER POLLUTION ABATEMENT AND CONTROL MEASURES WILL BE INSPECTED DAILY BY THE CONTRACTOR. INSPECTIONS ARE TO BE PERFORMED BY QUALIFIED PERSONNEL WHO HAVE COMPLETED THE FLORIDA STORMWATER, EROSION, AND SEDIMENT CONTROL TRAINING AND CERTIFICATION PROGRAM.
- 9). SILT FENCE SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITY COMMENCING.
- 10). THE RETENTION PONDS AND STORMWATER CONVEYANCE SYSTEM SHALL BE CONSTRUCTED PRIOR TO THE PLACEMENT OF ANY IMPERVIOUS AREA.
- 11). IN THE CASE THAT THERE IS A NEED FOR DUST CONTROL, THE CONTRACTOR SHALL PROVIDE A WATER TRUCK OR IRRIGATION SYSTEM, AS NEEDED TO CONTROL DUST.
- 12). CONTRACTOR IS RESPONSIBLE FOR SECURING A NPDES CONSTRUCTION PERMIT AS WELL AS SUBMITTING A STORMWATER POLLUTION PREVENTION PLAN (SWPPP). CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL REQUIREMENTS OF THE NPDES PERMIT AND SWPPP, IN ADDITION TO REQUIREMENTS OF THE EROSION CONTROL PLANS.

CONTRACTOR SHALL CALL
SUNSHINE ONE CALL OF FLORIDA, INC.
AT LEAST 48 HOURS PRIOR TO EXCAVATION
1-800-432-4770





COMMUNITY SOLUTIONS GROUP

A GAI Consultants, Inc. Service Group

618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407.423.8398

CERTIFICATE OF AUTHORIZATION: EB9951

PROJECT

SOUTH LAKE REGIONAL PARK

LAKE COUNTY, FLORIDA

CONSULTANTS

BOOTH K. BOOTH & ASSOCIATES, INC.

ENGINEERS & SURVEYORS LAND PLANNERS

902 North Sinclair Ave.,
Orlando, Florida 32803
www.boothk.com
Phone: 352.318.8899
Certificate of Authorization Number: 2009

REGISTRATION

ISSUED FOR:

ISSUANCE	DD MM YY

PROJECT NUMBER

A150590.01

DATE:

11012017

SCALE:

SCALE: 1"=40'-0"

DRAWN BY:

BOB

CHECKED BY:

DKB

DRAWING SCALE AND NORTH ARROW

NORTH

SCALE: 1"=40'-0"

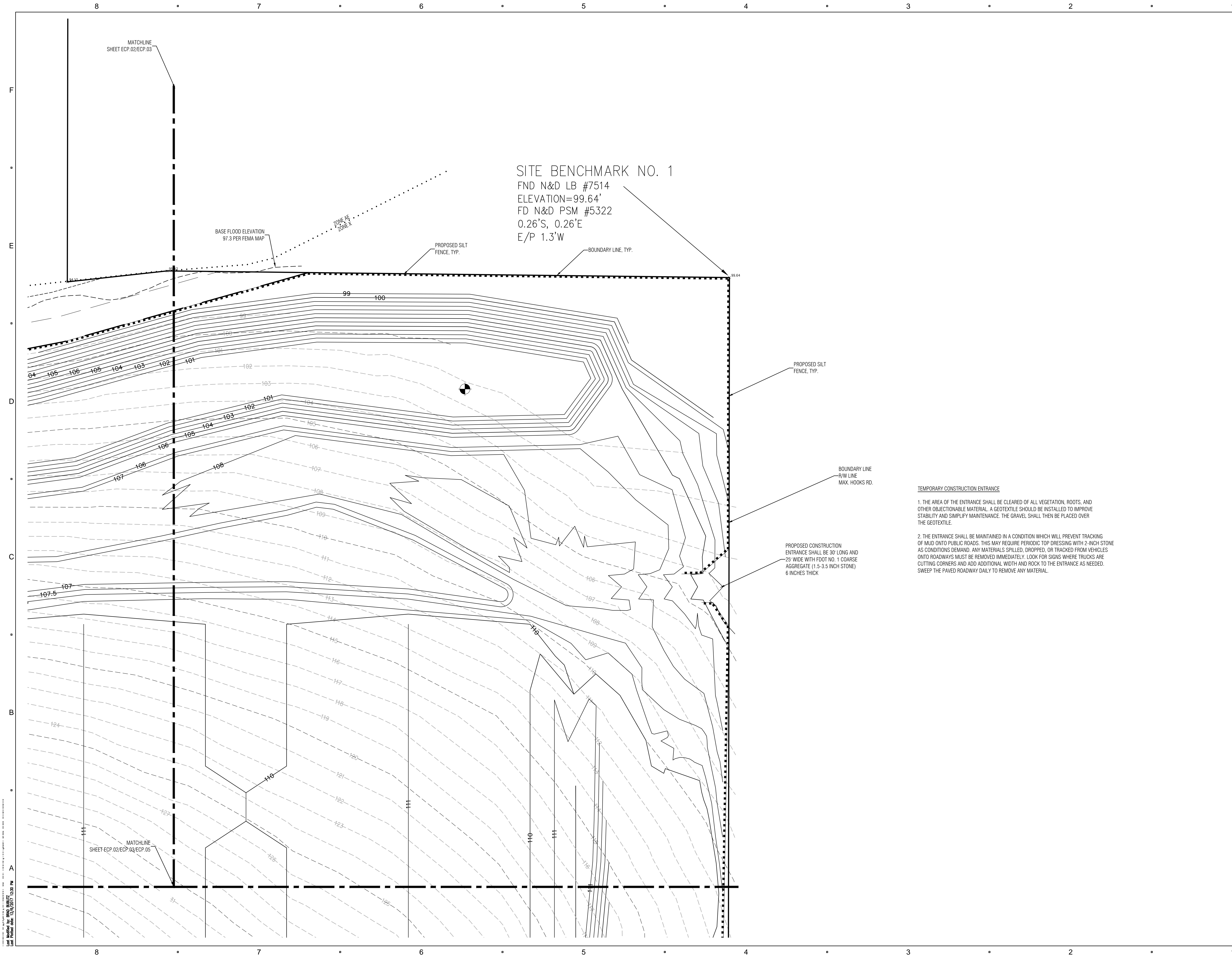
SHEET TITLE

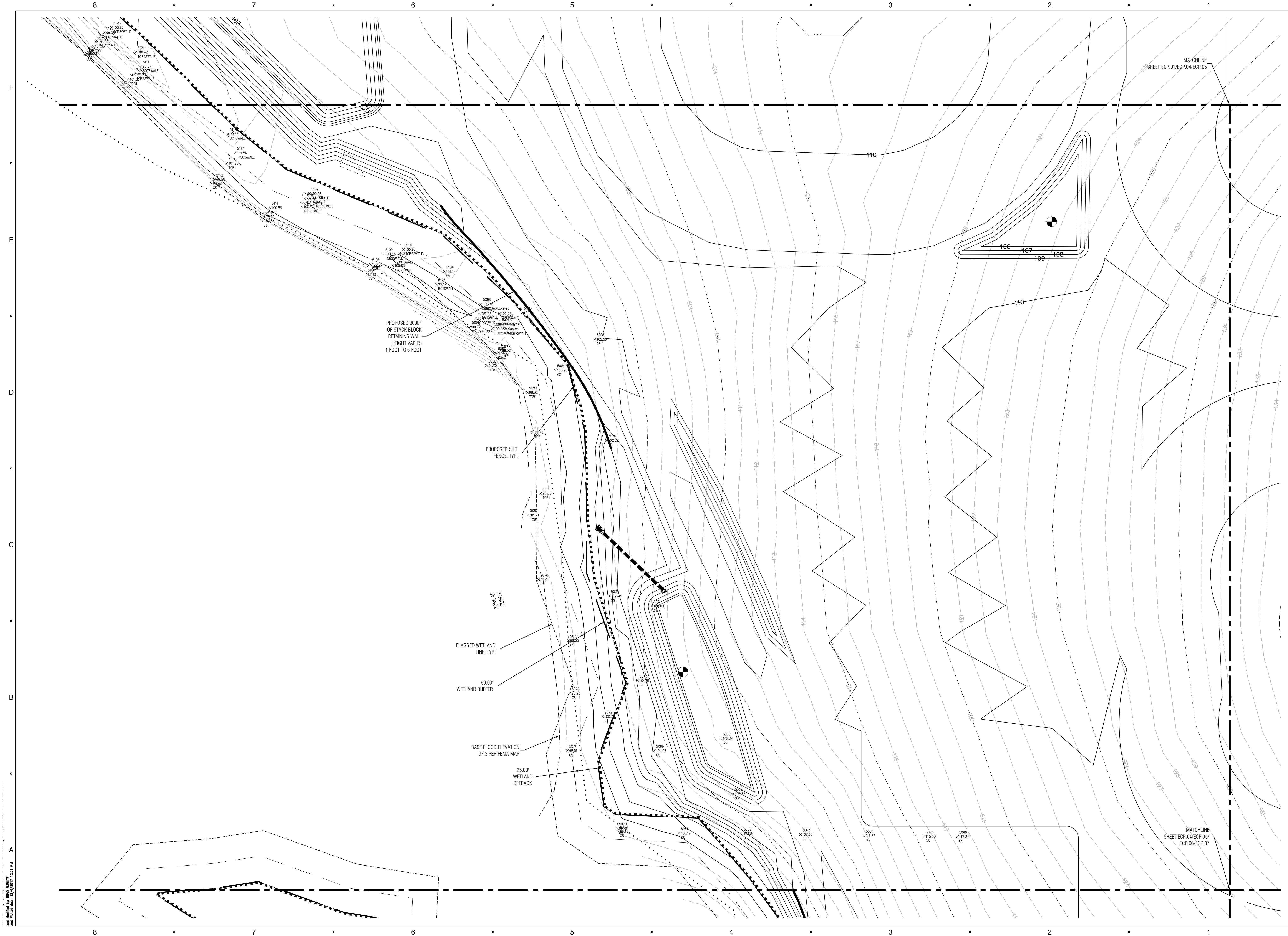
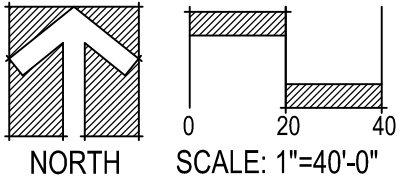
EROSION CONTROL PLAN 2

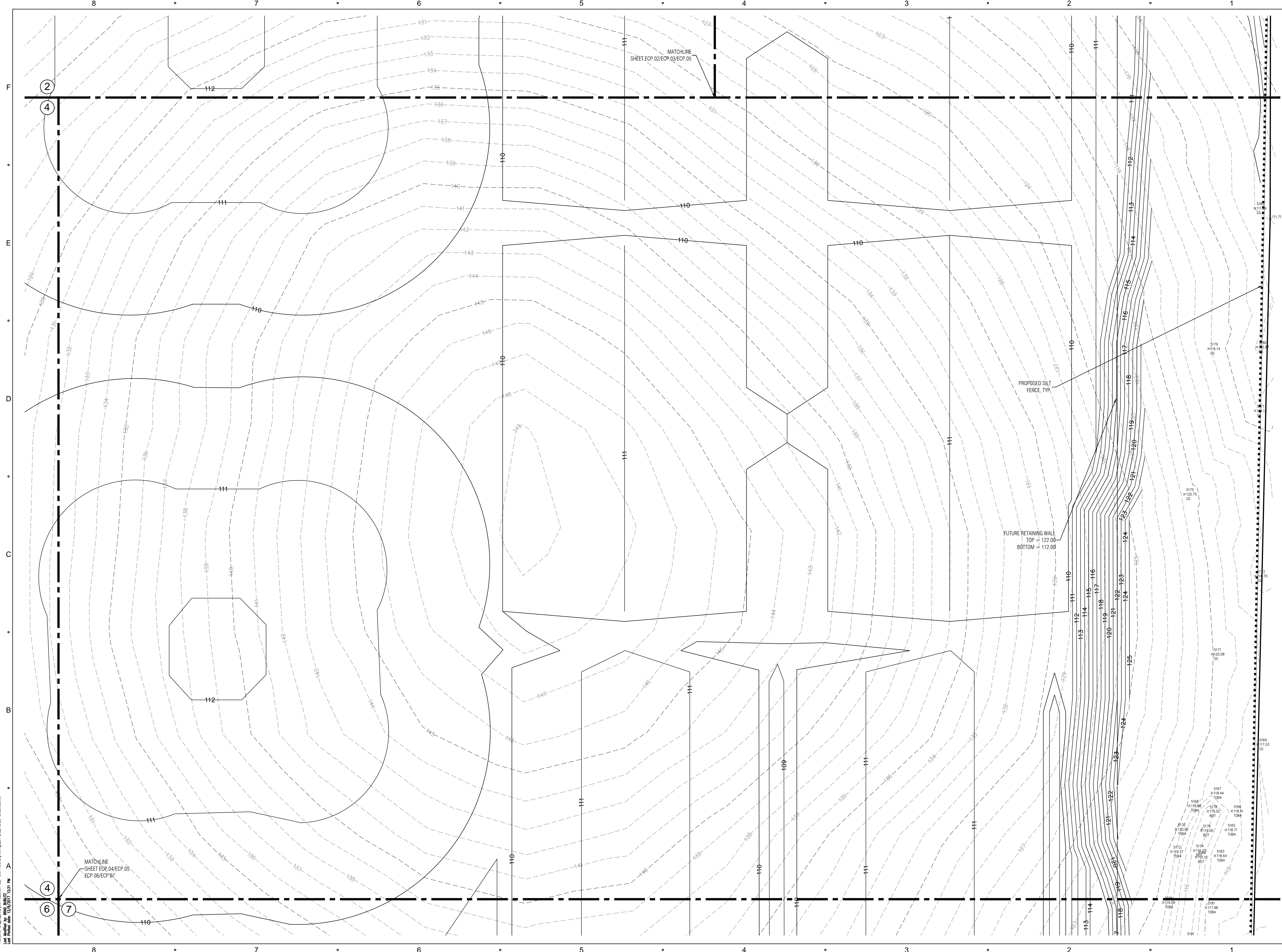
SHEET NUMBER

ECP.02

17/01/2017 12:29 PM
Last Modified by: ECP.02/ECP.03/ECP.04/ECP.05
User: ECP.02/ECP.03/ECP.04/ECP.05

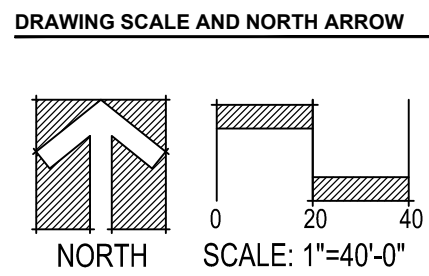


[illegible]



ISSUED FOR:	
ISSUANCE	DD MM YY

PROJECT NUMBER	A150590.01
DATE:	11012017
SCALE:	SCALE: 1"=40'-0"
DRAWN BY:	BOB
CHECKED BY:	DKB

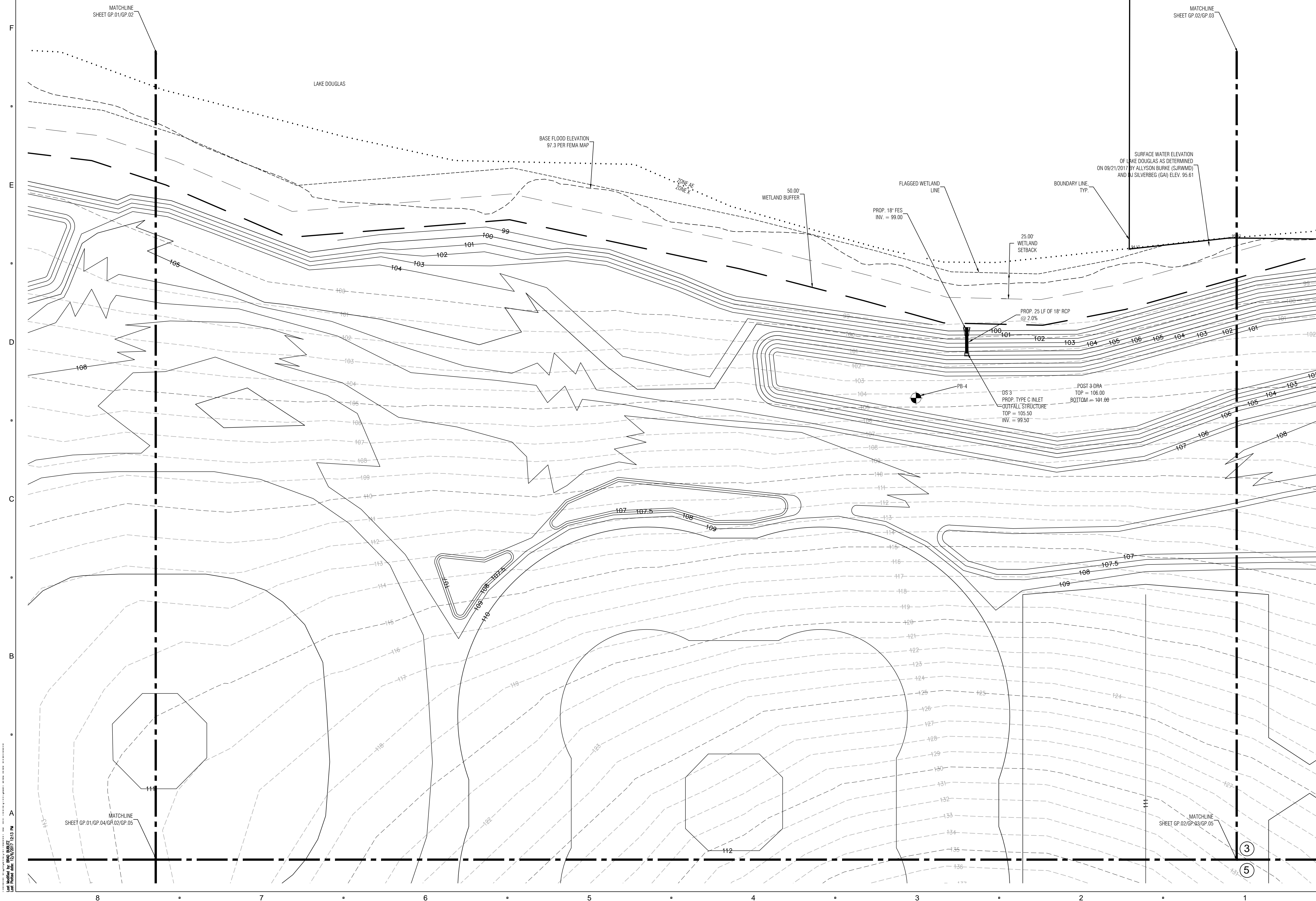


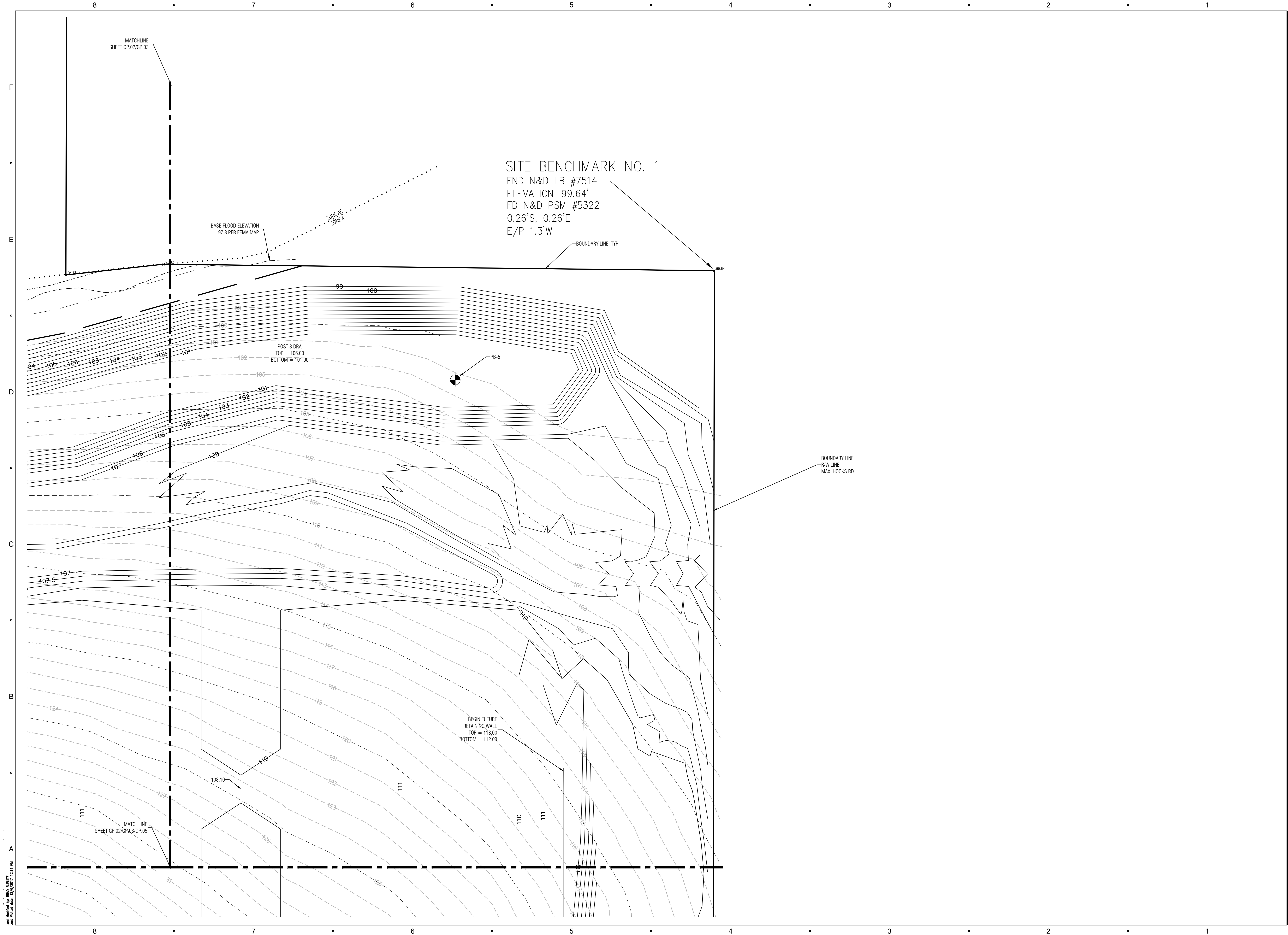
[illegible]

CHECKED BY: DKB

GRADING PLAN 2

GP.02





17/9/2017 12:14 PM
User: Matthew N. BROWN
Last Printed Date: 17/9/2017

COMMUNITY SOLUTIONS GROUP
A GAI Consultants, Inc. Service Group
618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407.423.8398
CERTIFICATE OF AUTHORIZATION: EB9951

PROJECT
SOUTH LAKE REGIONAL PARK
LAKE COUNTY, FLORIDA

CONSULTANTS

REGISTRATION

DUANE K. BOOTH, PE
Registered Eng 44631

ISSUED FOR:

ISSUANCE	DD MM YY

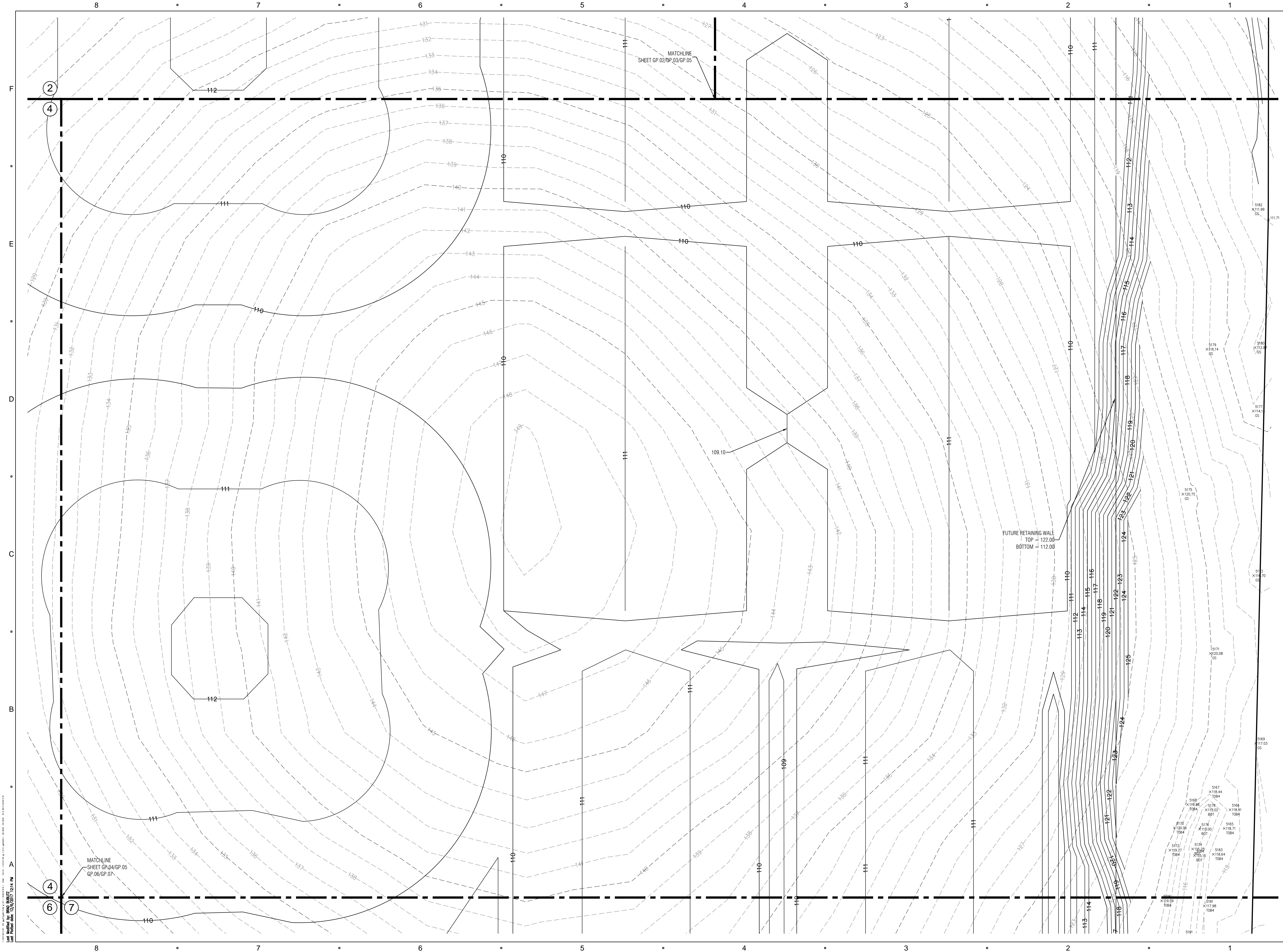
PROJECT NUMBER A150590.01
DATE: 11/01/2017
SCALE: SCALE: 1"=40'-0"
DRAWN BY: BDB
CHECKED BY: DKB

DRAWING SCALE AND NORTH ARROW

NORTH SCALE: 1"=40'-0"

SHEET TITLE
GRADING PLAN 3

SHEET NUMBER
GP.03





ISSUED FOR:

PROJECT NUMBER A150590.01

DATE: 11012017

SCALE: 1"=40'-0"

SCALE: 1"=40'-0"

DRAWN BY: BDB

CHECKED BY: DKB

DRAWING SCALE AND NORTH ARROW



GRADING PLAN 6

SHEET NUMBER

GP.06



USED FOR:

PROJECT NUMBER	A150590.01
DATE:	11012017
SCALE:	SCALE: 1"=40'-0"
DRAWN BY:	BDB
CHECKED BY:	DKB

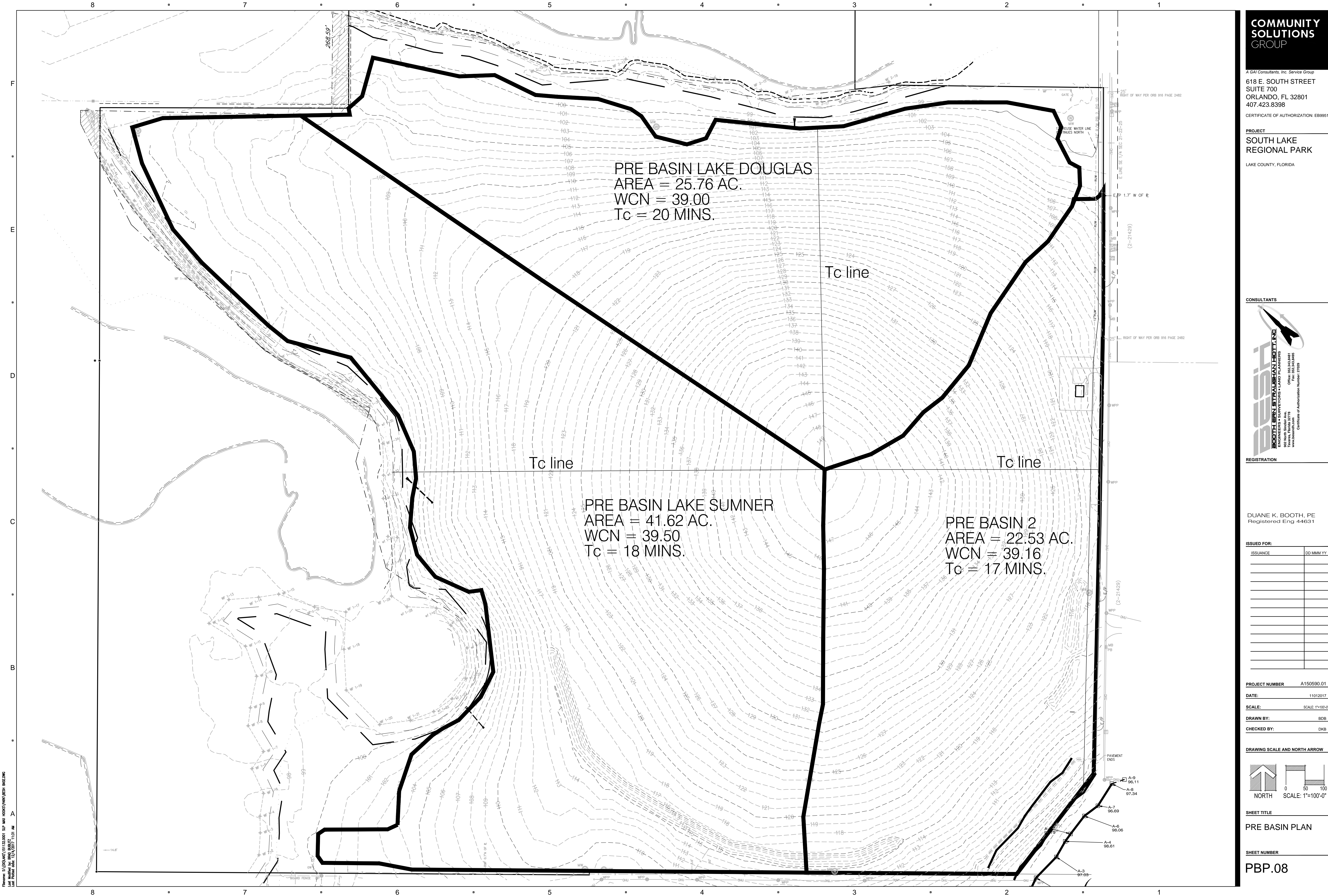
RAINAGE DETAILS

D.01

The diagram illustrates a cross-section of a road with the following features and labels:

- Vertical Scale (Left):** Elevation markers from 103.50 to 105.00 in increments of 0.50.
- Top Limits:**
 - LIMITS OF CONSTRUCTION:** The total width of the construction area.
 - LIMITS OF CLEARING AND GRUBBING:** The area for clearing and grubbing.
 - LIMITS OF SODDING:** Two areas for sodding, each labeled **BAHIA**.
 - VARIES SEED AND MULCH:** The central area between the sodding limits.
- Slopes:**
 - 1:4 MAX.** Maximum slope for the outer edges.
 - 1:4** Standard slope for the inner edges.
- Ground Features:**
 - MATCH EXIST. GRADE SOD:** Indicated on both the left and right sides.
 - DRA TOP:** The top of the drainage ditch on both sides.
 - DRA BOTT.** The bottom of the drainage ditch in the center.
- Section Title:** **D.R.A. SECTION** with **NTS** (Not To Scale) below it.





COMMUNITY SOLUTIONS GROUP

A GAI Consultants, Inc. Service Group

618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407.423.8398

CERTIFICATE OF AUTHORIZATION: EB9951

PROJECT

SOUTH LAKE REGIONAL PARK

LAKE COUNTY, FLORIDA

CONSULTANTS

BOOTH ERN STRAUSMAN HOTI INC

ENGINEERS • SURVEYORS • LAND PLANNERS

Office: 352-343-8481
Tallahassee, Florida 32310
www.boothern.com
Certificate of Authorization Number: 22029

REGISTRATION

DUANE K. BOOTH, PE
Registered Eng 44631

ISSUED FOR:

ISSUANCE	DD MM YY

PROJECT NUMBER

A150590.01

DATE:

11012017

SCALE:

SCALE: 1"=100'-0"

DRAWN BY:

BDB

CHECKED BY:

DKB

DRAWING SCALE AND NORTH ARROW

NORTH

SCALE: 1"=100'-0"

SHEET TITLE

PRE BASIN PLAN

SHEET NUMBER

PBP.08

Filename: S:\COMMENTS\151132.001_SLP_MAY_100057\PARA\BESH BASELINE.dwg
User: besh
Date: 11/01/2017 11:31 AM

