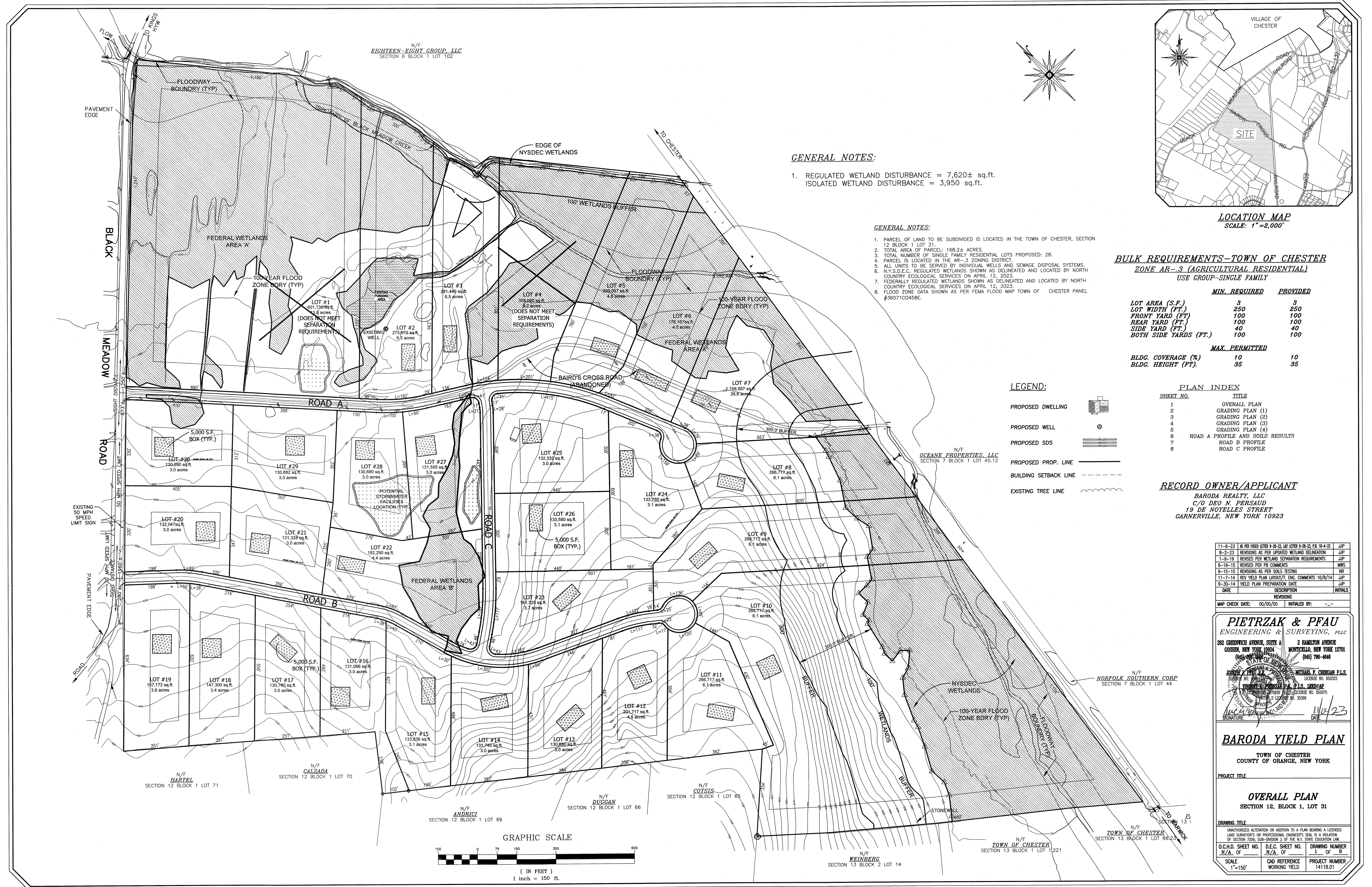




GENERAL NOTES:

- 1. REGULATED WETLAND DISTURBANCE = 7,620± sq.ft.
- ISOLATED WETLAND DISTURBANCE = 3,950 sq.ft.

GENERAL NOTES:

- 1. PARCEL OF LAND TO BE SUBDIVIDED IS LOCATED IN THE TOWN OF CHESTER, SECTION 12 BLOCK 1 LOT 31.
- 2. TOTAL AREA OF PARCEL: 168.2± ACRES.
- 3. TOTAL NUMBER OF SINGLE FAMILY RESIDENTIAL LOTS PROPOSED: 28.
- 4. PARCEL IS LOCATED IN THE AR-3 ZONING DISTRICT.
- 5. ALL UNITS TO BE SERVED BY INDIVIDUAL WELLS AND SEWAGE DISPOSAL SYSTEMS.
- 6. N.Y.S.D.E.C. REGULATED WETLANDS SHOWN AS DELINEATED AND LOCATED BY NORTH COUNTRY ECOLOGICAL SERVICES ON APRIL 12, 2023.
- 7. FEDERALLY REGULATED WETLANDS SHOWN AS DELINEATED AND LOCATED BY NORTH COUNTRY ECOLOGICAL SERVICES ON APRIL 12, 2023.
- 8. FLOOD ZONE DATA SHOWN AS PER FEMA FLOOD MAP TOWN OF CHESTER PANEL #36071C0458E.

BULK REQUIREMENTS-TOWN OF CHESTER

ZONE AR-3 (AGRICULTURAL RESIDENTIAL)
USE GROUP-SINGLE FAMILY

	MIN. REQUIRED	PROVIDED
LOT AREA (S.F.)	3	3
LOT WIDTH (FT.)	250	250
FRONT YARD (FT.)	100	100
REAR YARD (FT.)	100	100
SIDE YARD (FT.)	40	40
BOTH SIDE YARDS (FT.)	100	100
MAX. PERMITTED		
BLDG. COVERAGE (%)	10	10
BLDG. HEIGHT (FT.)	35	35

LEGEND:

- PROPOSED DWELLING
- PROPOSED WELL
- PROPOSED SDS
- PROPOSED PROP. LINE
- BUILDING SETBACK LINE
- EXISTING TREE LINE

PLAN INDEX

SHEET NO.	TITLE
1	OVERALL PLAN
2	GRADING PLAN (1)
3	GRADING PLAN (2)
4	GRADING PLAN (3)
5	GRADING PLAN (4)
6	ROAD A PROFILE AND SOILS RESULTS
7	ROAD B PROFILE
8	ROAD C PROFILE

RECORD OWNER/APPLICANT

BARODA REALTY, LLC
C/O DEO N. PERSAUD
19 DE NOYELLES STREET
GARNERVILLE, NEW YORK 10923

11-6-23	AS PER PROPOSED LETTER 9-26-23 LOT LETTER 9-26-23 P.B. 10-4-23	JUP
8-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION	JUP
1-9-19	REVISED PER WETLAND SEPARATION REQUIREMENTS	JUP
6-19-15	REVISED PER PB COMMENTS	MWS
6-15-15	REVISIONS AS PER SOILS TESTING	NR
11-7-14	REV. YIELD PLAN LAYOUT, D.C. COMMENTS 10/6/14	JUP
9-30-14	YIELD PLAN PREPARATION DATE	JUP
DATE	DESCRIPTION	INITIALS
REVISIONS		
MAP CHECK DATE:	00/00/00	INITIALED BY: --

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC
262 GREENWICH AVENUE, SUITE A
CROTON-ON-HUDON, NEW YORK 10524
(914) 261-1100

2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(845) 796-4646

BARODA YIELD PLAN

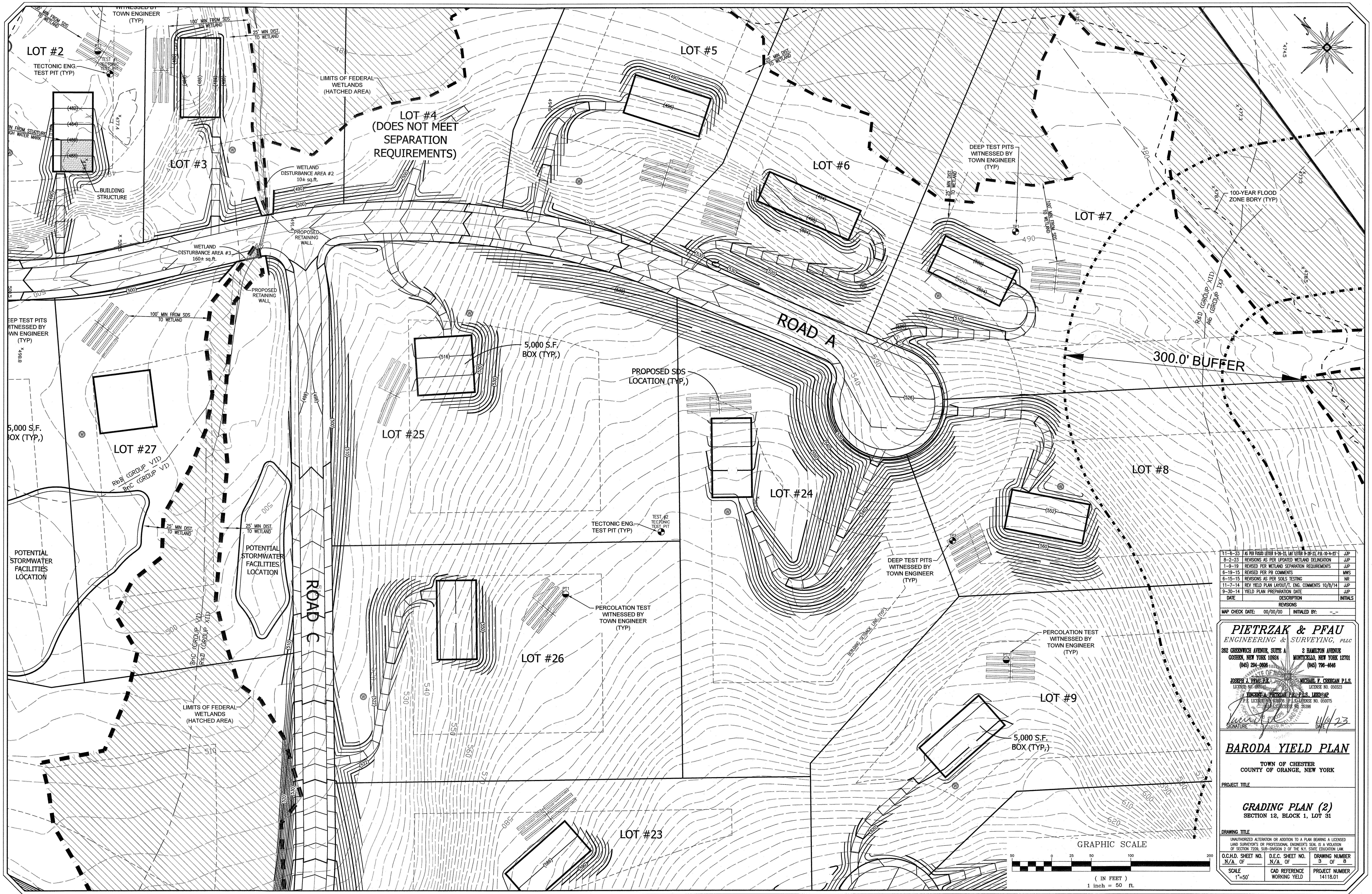
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE

OVERALL PLAN
SECTION 12, BLOCK 1, LOT 31

DRAWING TITLE

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.		
O.C.H.D. SHEET NO.	D.E.C. SHEET NO.	DRAWING NUMBER
N/A	N/A	1 OF 8
SCALE	CAD REFERENCE WORKING YIELD	PROJECT NUMBER
1"=150'		14118.01



11-5-23	AS PER 1650 LATER 9-26-23, L&P LTR 9-26-23, P&S 10-4-23	JUP
5-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION	JUP
1-9-19	REVISED PER WETLAND SEPARATION REQUIREMENTS	JUP
6-19-15	REVISED PER PB COMMENTS	MWS
6-15-15	REVISIONS AS PER SOILS TESTING	NR
11-7-14	REV YIELD PLAN LAYOUT/T. ENG. COMMENTS 10/5/14	JUP
9-30-14	YIELD PLAN PREPARATION DATE	JUP
DATE	DESCRIPTION	INITIALS

MAP CHECK DATE:	00/00/00	INITIALED BY:	--
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PIETRZAK & PFAU
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282 GREENWICH AVENUE, SUITE A
GOSHEN, NEW YORK 10924
(845) 294-0000

**2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(845) 796-4846**

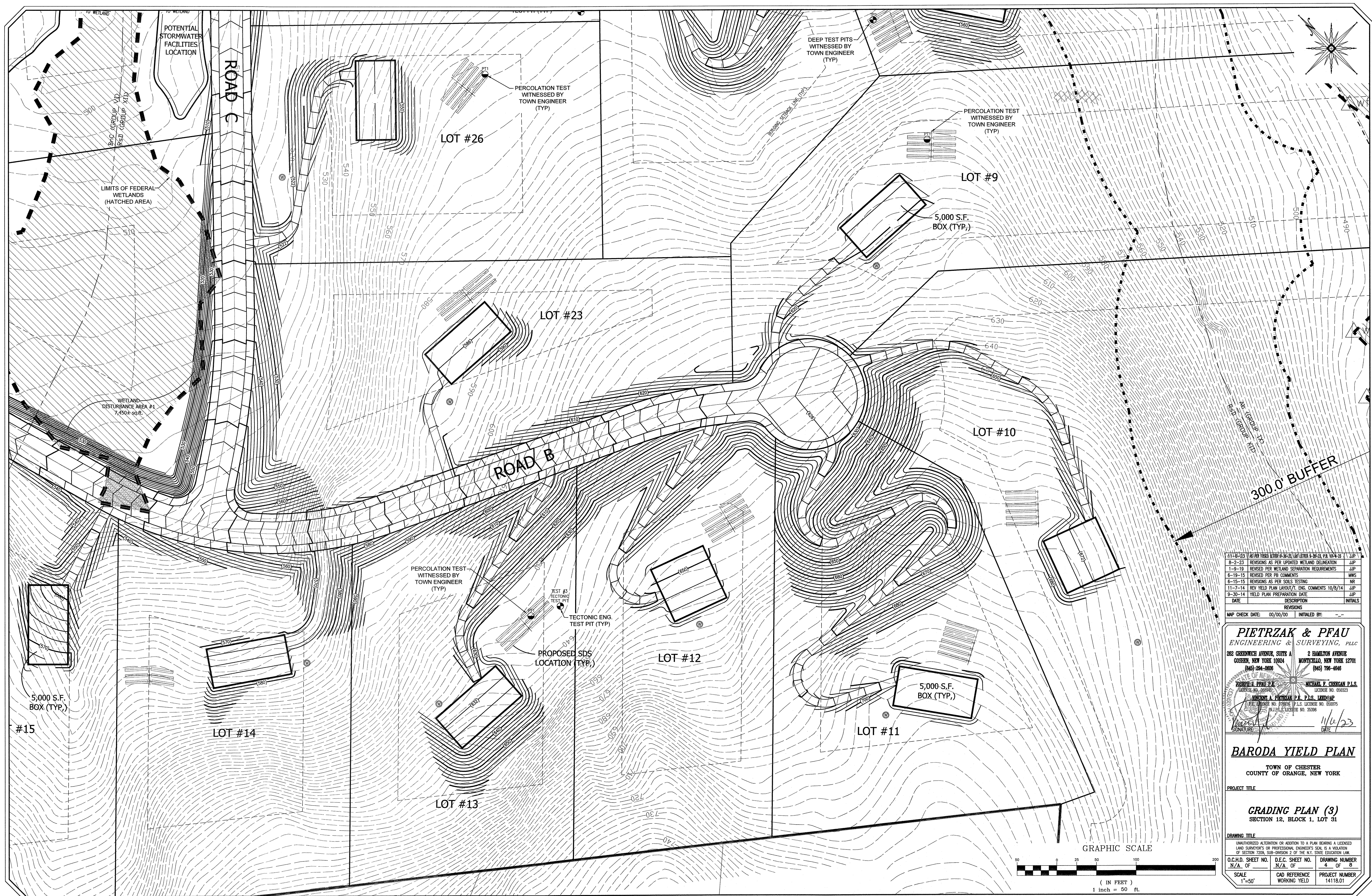
JOSEPH J. PIETRZAK, P.E.
LICENSED PROFESSIONAL ENGINEER
LICENSE NO. 066053

MICHAEL J. CROGAN, P.L.S.
LICENSED PROFESSIONAL LAND SURVEYOR
LICENSE NO. 35396

SIGNATURE: *[Signature]*

DATE: 11/19/23

BARODA YIELD PLAN
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK
PROJECT TITLE
GRADING PLAN (2)
SECTION 12, BLOCK 1, LOT 31
DRAWING TITLE
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.
O.C.H.D. SHEET NO. N/A OF D.E.C. SHEET NO. 3 OF 8
SCALE 1"=50' CAD REFERENCE WORKING YIELD PROJECT NUMBER 14118.01



11-6-23	AS PER FUSCO LETTER 9-26-23, LHM LETTER 9-26-23, P.8 10-4-23	JUP
8-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION	JUP
1-9-19	REVISED PER WETLAND SEPARATION REQUIREMENTS	JUP
6-19-15	REVISED PER PB COMMENTS	MWS
6-15-15	REVISIONS AS PER SOILS TESTING	NR
11-7-14	REV YIELD PLAN LAYOUT/T. ENG. COMMENTS 10/8/14	JUP
9-30-14	YIELD PLAN PREPARATION DATE	JUP
DATE	DESCRIPTION	INITIAL

REVISIONS	
MAP CHECK DATE: 00/00/00	INITIALED BY: - -

PIETRZAK & PFAU
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262 GREENWICH AVENUE, SUITE A
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(845) 796-4646

JOSEPH J. PPAU, P.E. MICHAEL F. CREEGAN, P.L.S.

LICENSE NO. 068945

VINCENT A. PIETRZAK P.E. P.S. LEED@AP
P.E. LICENSE NO. 0768936 P.S. LICENSE NO. 050075

IN J.P.L.S. LICENSE NO. 35396

11/6/23

SIGNATURE _____ DATE 7/8/01

[illegible]

BARODA YIELD PLAN

DARODA FIELD PLAN

TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

COUNTY OF ORANGE, NEW YORK

PROJECT TITLE	
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CRADING PLAN (3)

SECTION 12, BLOCK 1, LOT 31

SECTION 19, DEGREE 1, LOT 31

1	DRAWING TITLE

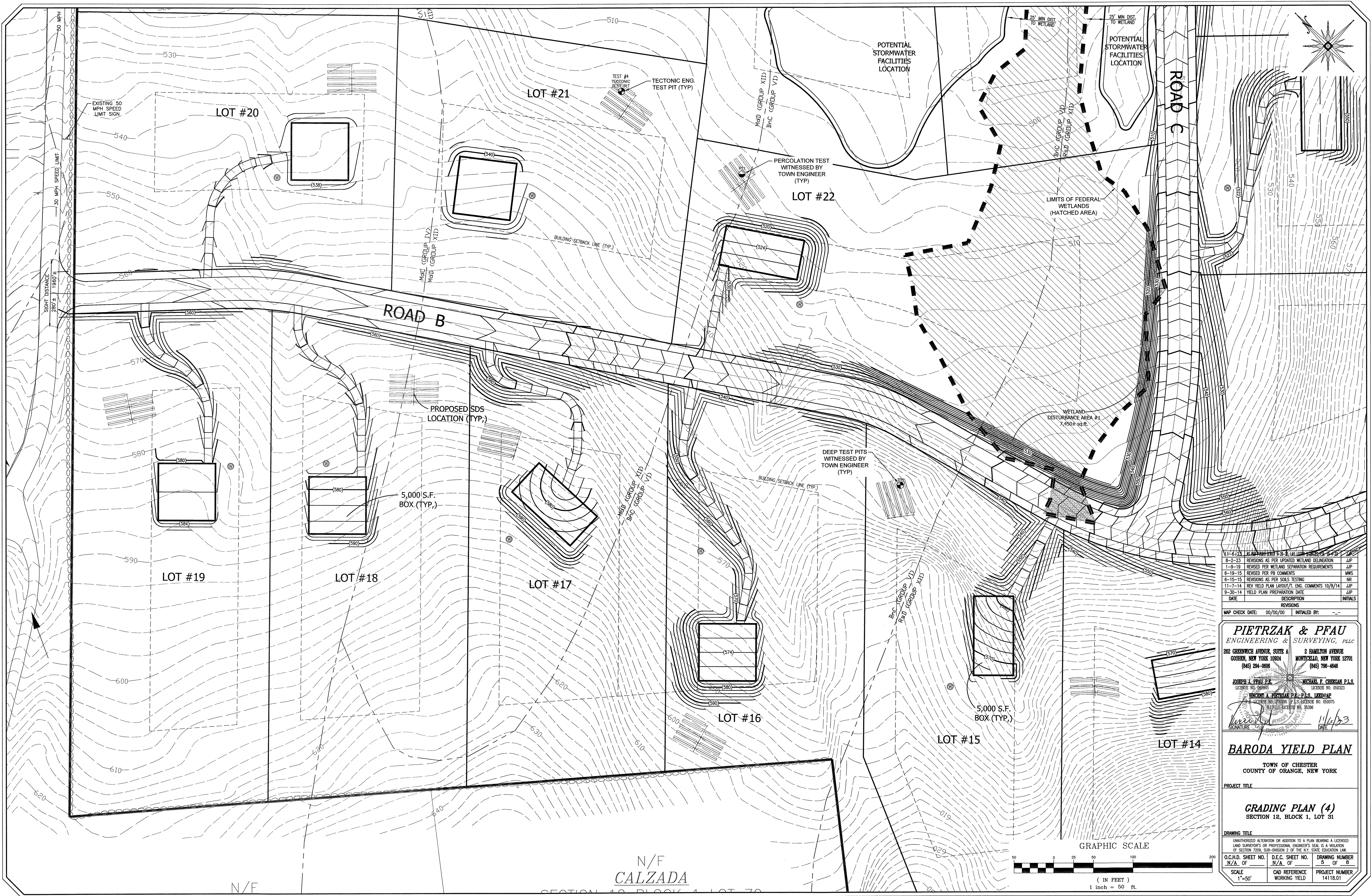
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED
LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION

OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.		
ADD. SHEET NO.	D.E.G. SHEET NO.	DRAWING NUMBER

U.C.H.D. SHEET NO. N/A OF _____	D.E.C. SHEET NO. N/A OF _____	DRAWING NUMBER 4 OF 8
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SCALE	CAD REFERENCE	PROJECT NUMBER
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1"=50'	WORKING YIELD	14118.01
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DATE	DESCRIPTION	INITIALS
11-1-13	1.0 AS BUILT	JUP
8-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION	JUP
1-9-19	REVISIONS PER WETLAND SEPARATION REQUIREMENTS	JUP
6-19-15	REVISIONS PER PB COMMENTS	MWS
6-15-15	REVISIONS AS PER SOILS TESTING	NR
11-7-14	REV YIELD PLAN LAYOUT/T. ENG. COMMENTS 10/5/14	JUP
9-30-14	YIELD PLAN PREPARATION DATE	JUP

MAP CHECK DATE: 00/00/00 INITIALS BY: --

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282 GREENWICH AVENUE, SUITE A
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(945) 394-0806

2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(945) 796-4646

JOSEPH L. PFAU, P.E.
LICENSE NO. 06002

MICHAEL F. CHERIAN, P.L.S.
LICENSE NO. 06002

VINCENT A. PIETRZAK, P.E., P.L.S., L.S.
LICENSE NO. 06006
P.L.S. LICENSE NO. 06006
P.L.S. LICENSE NO. 06007
P.L.S. LICENSE NO. 06008

Signature of Joseph L. Pfau

Signature of Michael F. Cherian

Signature of Vincent A. Pietrzak

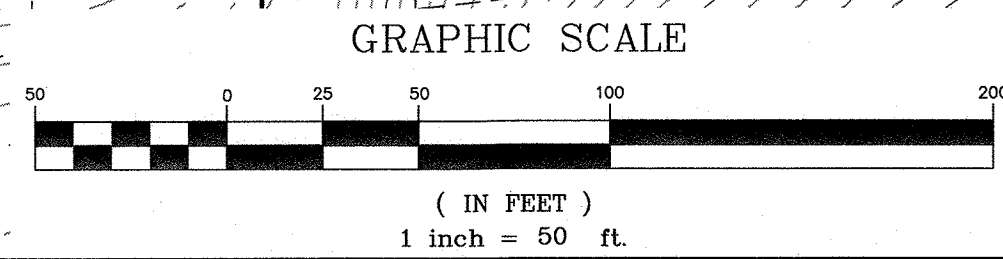
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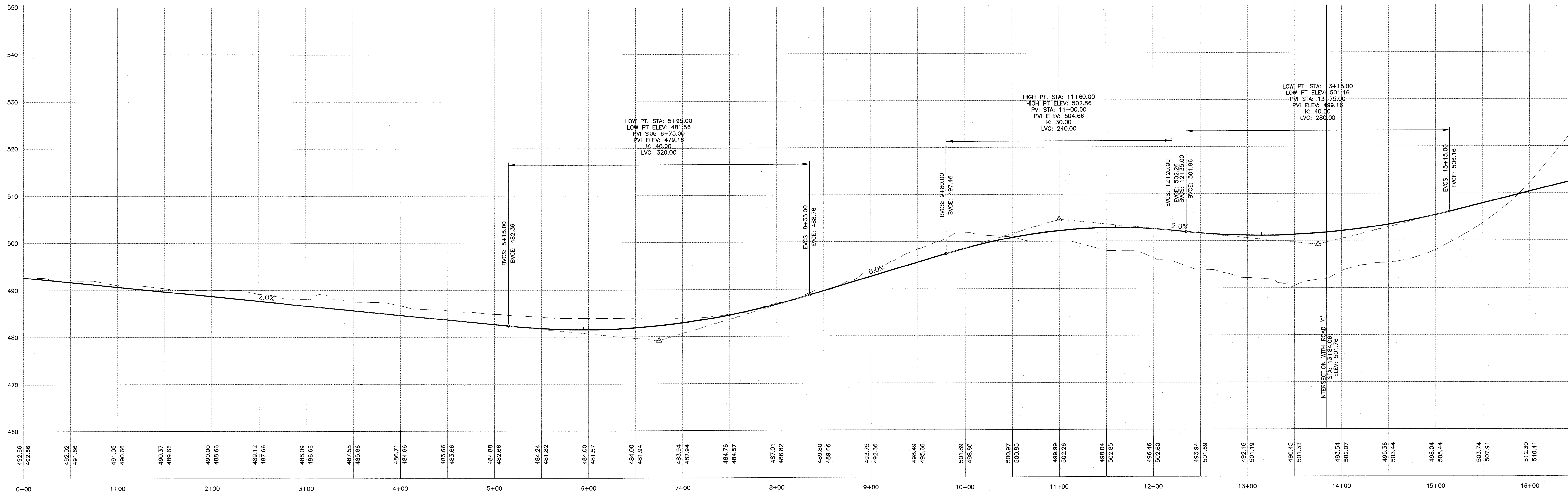
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DATE: 11/1/13

BARODA YIELD PLAN
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK
PROJECT TITLE

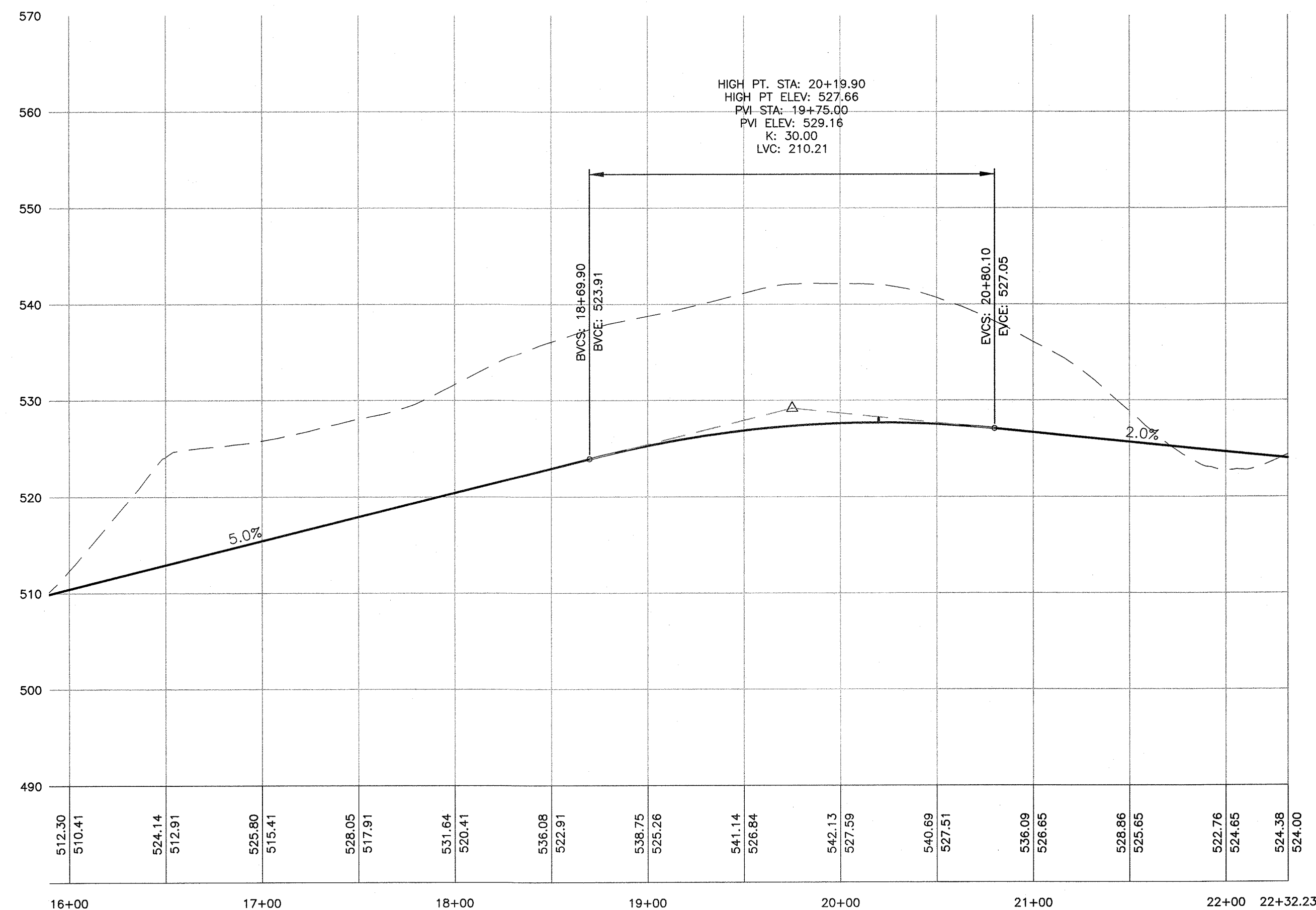
GRADING PLAN (4) SECTION 12, BLOCK 1, LOT 31		
DRAWING TITLE		
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.		
O.C.H.D. SHEET NO. N/A OF	D.E.C. SHEET NO. N/A OF	DRAWING NUMBER 6 OF 8
SCALE 1"=50'	CAD REFERENCE WORKING YIELD	PROJECT NUMBER 14118.01





ROAD 'A' PROFILE

PROFILE SCALES:
VERTICAL: 1" = 10'
HORIZONTAL: 1" = 50'



ROAD 'A' PROFILE CONTINUED

PROFILE SCALES:
VERTICAL: 1" = 10'
HORIZONTAL: 1" = 50'

DEEP TEST PIT RESULTS

LOT #	DEEP TEST PIT #1 RESULTS
1	0"-8" TOPSOIL 8"-18" SILTY, SANDY LOAM 18"-72" COARSE SAND WITH SLIGHT CLAY MOTTLING NO BEDROCK, NO GROUNDWATER
7	0"-6" TOPSOIL 6"-48" SILTY LOAM, CLAY MOTTLED 48"-72" SILTY, SANDY LOAM, CLAY MOTTLED SLIGHT SEEPAGE @ BOTTOM OF TEST PIT NO BEDROCK, NO GROUNDWATER
8	0"-10" TOPSOIL 10"-54" SANDY LOAM WITH TRACE SILT AND GRAVEL HIT SHALE @ 54" NO MOTTLING, NO BEDROCK, NO GROUNDWATER
15	0"-12" TOPSOIL 12"-54" SILTY LOAM WITH RIPPLED SHALE HIT SHALE @ 54" NO MOTTLING, NO BEDROCK, NO GROUNDWATER
28	0"-10" TOPSOIL 10"-60" SILTY LOAM, CLAY MOTTLED 60"-90" FINE SAND NO BEDROCK, NO GROUNDWATER

PERCOLATION TEST RESULTS

LOT #	STABILIZED PERCOLATION RATE
2	PT1: 2 MINUTES DEPTH: 24"
9	PT1: 10 MINUTES DEPTH: 24"
13	PT1: 2 MINUTES DEPTH: 24"
22	PT1: 4 MINUTES DEPTH: 24"
26	PT1: 2 MINUTES DEPTH: 24"

TECTONIC ENGINEERING TEST RESULTS

TEST #	DETERMINED SOILS GROUP
1	GROUP I
2	GROUP VI
3	GROUP VI
4	GROUP IV

SOIL TESTING NOTES:

- DEEP TEST PITS WERE WITNESSED BY FUSCO ENGINEERING, PC AND PIETRZAK & PFAU, PLLC ON 6/05/15.
- PERCOLATION TESTS WERE PERFORMED BY PIETRZAK AND PFAU, PLLC ON 10/13/23 AND WITNESSED BY FUSCO ENGINEERING.
- TECTONIC SOILS TESTING PERFORMED ON 11/2/23 TO DETERMINE SOILS GROUP AS DESCRIBED IN THE TOWN OF CHESTER SUBDIVISION REGULATIONS.

11-6-23	AS PER REVISION LETTER 9-28-23, LHM LETTER 9-28-23, PR 10-4-23	JUP
8-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION	JUP
1-9-19	REVISED PER WETLAND SEPARATION REQUIREMENTS	JUP
6-19-15	REVISED PER PB COMMENTS	MWS
6-15-15	REVISIONS AS PER SOILS TESTING	NR
11-7-14	REV YIELD PLAN LAYOUT/1. ENG. COMMENTS 10/8/14	JUP
9-30-14	YIELD PLAN PREPARATION DATE	JUP
DATE	DESCRIPTION	INITIALS
MAP CHECK DATE: 00/00/00	INITIALED BY: --	

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JOSEPH J. PFAU P.E.
LICENSE NO. 068949

MICHAEL F. CHERMAN P.L.S.
LICENSE NO. 050323

VINCENT A. PIETRZAK P.E., P.L.S., LICENSED
P.E. LICENSE NO. 076836 / P.L.S. LICENSE NO. 050075
PFAU & PIETRZAK, P.L.S. LICENSE NO. 35396

SIGNATURE: *[Signature]* DATE: 11/6/23

BARODA YIELD PLAN

TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

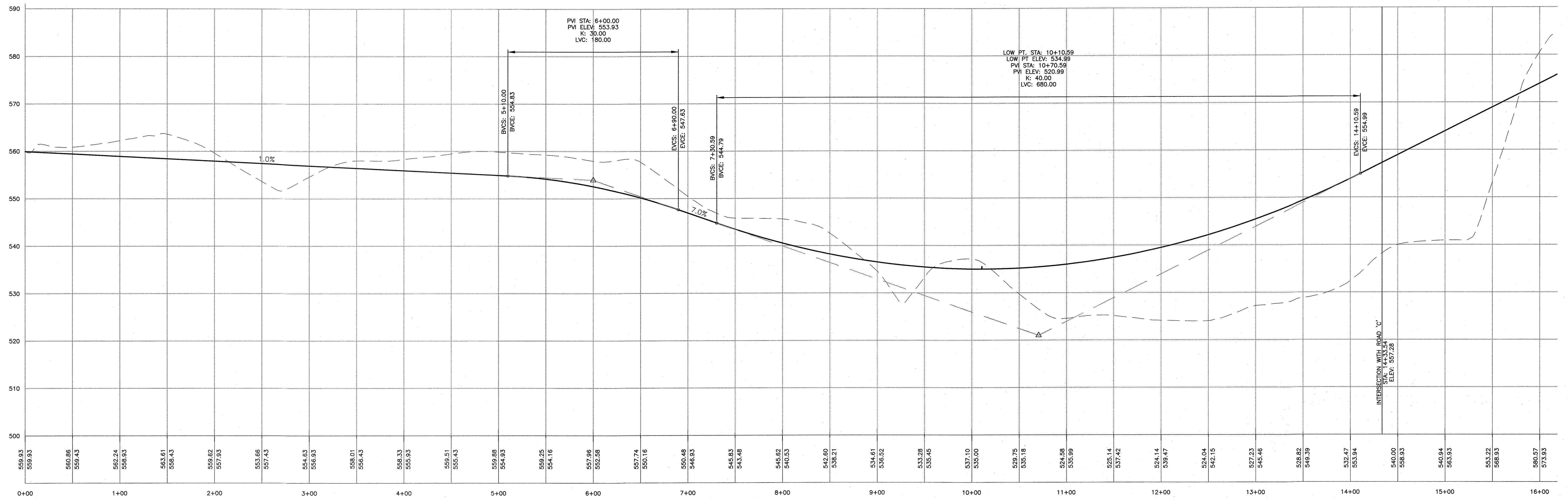
PROJECT TITLE

**ROAD 'A' PROFILE AND
SOIL RESULTS**
SECTION 12, BLOCK 1, LOT 31

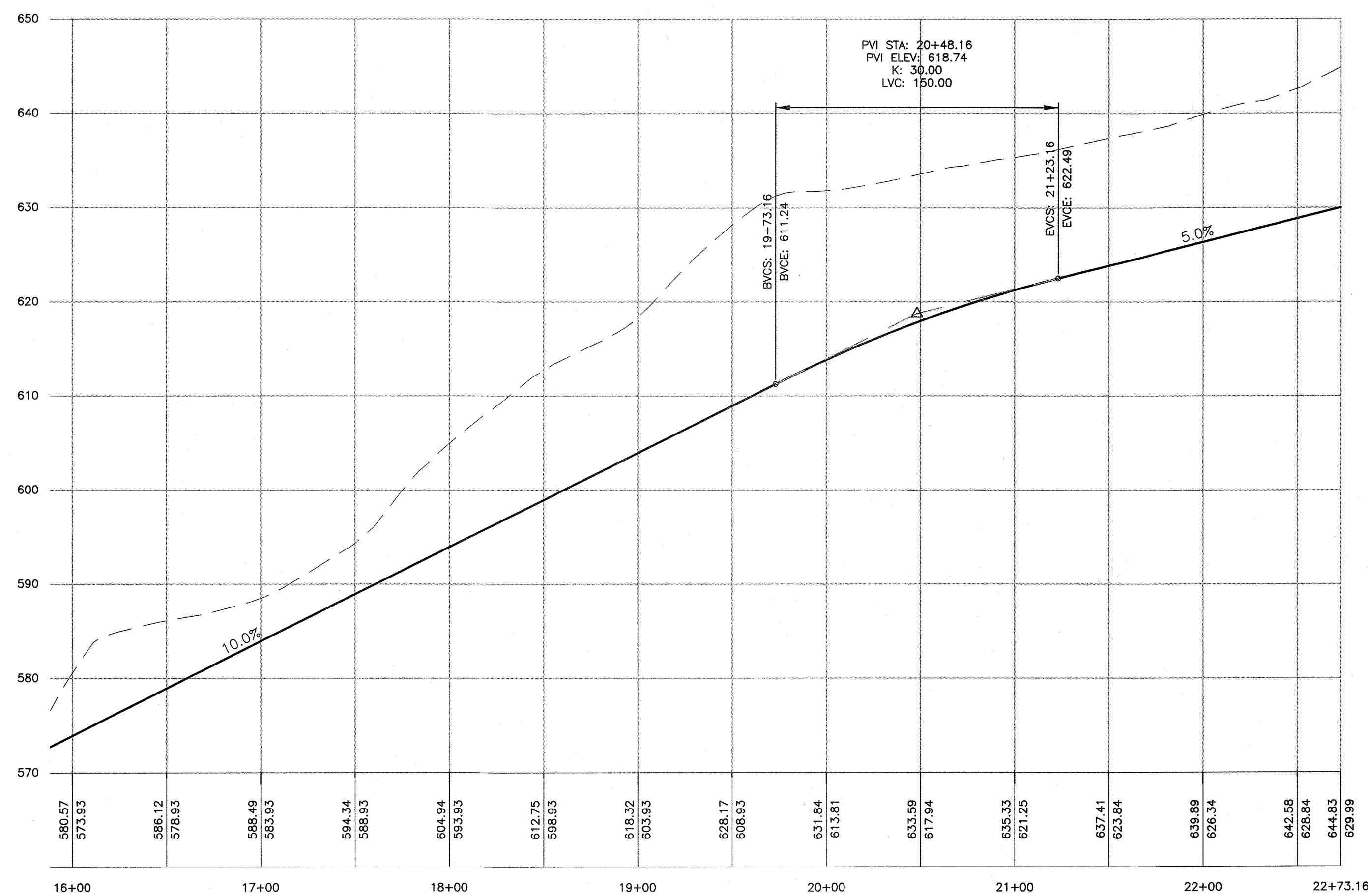
DRAWING TITLE

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED
LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION
OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

O.C.H.D. SHEET NO. N/A OF	D.E.C. SHEET NO. N/A OF	DRAWING NUMBER 6 OF 8
SCALE AS SHOWN	CAD REFERENCE WORKING YIELD	PROJECT NUMBER 14118.01



ROAD 'B' PROFILE



ROAD 'B' PROFILE CONTINUED

PROFILE SCALES:
VERTICAL: 1" = 10'
HORIZONTAL: 1" = 50'

DATE	DESCRIPTION	INITIALS
11-6-23	AS PER RSD LTR 9-26-23, LTR 9-26-23, 10-4-23	JJP
8-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION	JJP
1-9-19	REVISED PER WETLAND SEPARATION REQUIREMENTS	JJP
6-15-15	REVISED PER PB COMMENTS	MWS
6-15-15	REVISIONS AS PER SOILS TESTING	NR
11-7-14	REV. YIELD PLAN LAYOUT/1. ENG. COMMENTS 10/8/14	JJP
9-30-14	YIELD PLAN PREPARATION DATE	JJP
DATE	DESCRIPTION	INITIALS
MAP CHECK DATE: 00/00/00	INITIALS BY: --	

PIETRZAK & PFAU
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(845) 294-1006

2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(845) 799-4046

JOSEPH J. PAUL, P.E.
LICENSE NO. 080645

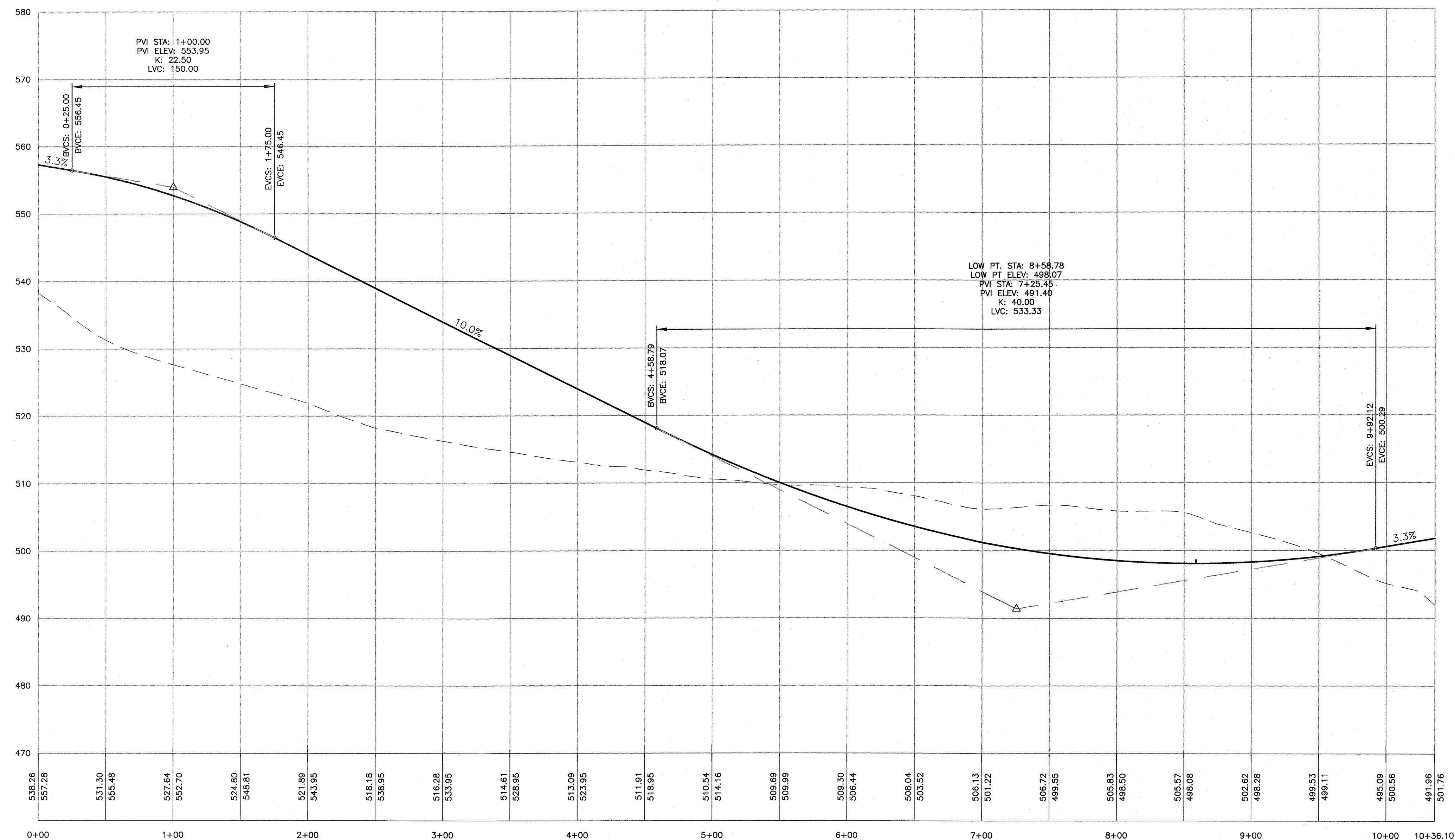
MICHAEL J. CORMAN, P.L.S.
LICENSE NO. 650023

VINCENT A. PIETRZAK, P.E., P.L.S., LEEDSAP
P.E. LICENSE NO. 07886 P.L.S. LICENSE NO. 650075
N.J.P.L.S. LICENSE NO. 56396

SIGNATURE: *[Signature]* DATE: 11/10/23

BARODA YIELD PLAN
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK
PROJECT TITLE
ROAD 'B' PROFILE
SECTION 12, BLOCK 1, LOT 31

DRAWING TITLE		
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.		
O.C.H.D. SHEET NO. N/A. OF	D.E.C. SHEET NO. N/A. OF	DRAWING NUMBER 7 OF 8
SCALE AS SHOWN	CAD REFERENCE WORKING YIELD	PROJECT NUMBER 14118.01



ROAD 'B' PROFILE

PROFILE SCALES:
VERTICAL: 1" = 10'
HORIZONTAL: 1" = 50'

11-6-23	AS PER ROAD LETTER 9-26-23, LAY LETTER 9-26-23, P.B. 10-4-23	JJP
8-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION	JJP
1-9-19	REVISED PER WETLAND SEPARATION REQUIREMENTS	JJP
6-19-15	REVISED PER PB COMMENTS	MWS
6-15-15	REVISIONS AS PER SOILS TESTING	NR
11-7-14	REV YIELD PLAN LAYOUT/T. ENG. COMMENTS 10/8/14	JJP
9-30-14	YIELD PLAN PREPARATION DATE	JJP
DATE	DESCRIPTION	INITIALS

MAP CHECK DATE: 00/00/00 INITIALED BY: --

PIETRZAK & PFAU
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2 HAMILTON AVENUE MONTICELLO, NEW YORK 12701 (845) 796-6946

JOSEPH J. PFAU P.E.
LICENSE NO. 069945

MICHAEL F. CROGAN P.E.
LICENSE NO. 056023

JOSEPH A. PIETRZAK P.E., P.S., LEEDSAP
LICENSE NO. 070008 P.E. LICENSE NO. 050975
N.Y.S. LICENSE NO. 35306

SIGNATURE DATE 11/6/23

BARODA YIELD PLAN

TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE

ROAD 'C' PROFILE
SECTION 12, BLOCK 1, LOT 31

DRAWING TITLE

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

O.C.H.D. SHEET NO.	D.E.C. SHEET NO.	DRAWING NUMBER
N/A OF	N/A OF	8 OF 8
SCALE AS SHOWN	CAD REFERENCE WORKING YIELD	PROJECT NUMBER 14118.01