

- SURVEY NOTES:**
1. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y.S. EDUCATION LAW.
 2. ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S INKED SEAL OR HIS EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.
 3. CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNER.
 4. UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS, IF ANY, ARE NOT SHOWN HEREON.
 5. CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION, AS UNDERGROUND IMPROVEMENTS EXIST WHICH WERE NOT LOCATED AT THE TIME OF THIS SURVEY.
 6. ALL INTERIOR FEATURES ARE NOT SHOWN HEREON.
 7. SUBJECT TO AN UP TO DATE AND ACCURATE TITLE REPORT.
 8. SUBJECT TO ANY EASEMENTS OR AGREEMENTS, IF ANY.
 9. SUBJECT TO ANY RIGHTS, TITLE OR INTEREST BY OTHERS TO PROPERTY IN/AND OR ALONG THE ROADWAYS SHOWN HEREON.
 10. SUBJECT TO ANY RIGHTS, TITLE, EASEMENTS, OR INTEREST BY UTILITY COMPANIES TO UTILITIES RUNNING IN AND/OR ALONG SAID PARCELS.
 11. TOPOGRAPHY AND SOME EXISTING FEATURES BASED ON MAPPING PROVIDED BY RECORD APPLICANT.

- LEGEND**
- ⊙ EXISTING WELL
 - EXISTING MAJOR CONTOUR
 - - - EXISTING MINOR CONTOUR
 - EXISTING PROPERTY LINE
 - ~ EXISTING TREELINE
 - EXISTING OVERHEAD UTILITIES
 - EXISTING GUY WIRE
 - ⊕ EXISTING UTILITY POLE WITH OVERHEAD WIRES
 - EXISTING SIGN

RECORD OWNER/APPLICANT
 B D R GROUP, LLC
 P.O. BOX 269
 GARNERVILLE, NY 10928

RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL

DATE	REVISIONS	INITIALS
8-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION	JJP
11-11-22	FINAL REVIEW BASED ON PUBLIC HEARING COMMENTS	JJP
1-9-19	SWS/WETLAND SEPARATIONS, ADDED BUFFERS	JJP
2-28-18	PER PB COMMENTS AND SWPPP PREPARATION	MWS
10-28-16	PRELIMINARY DESIGN OF REVISED LAYOUT	MWS
3-31-16	REVISED CLUSTER LAYOUT PER HIGHWAY COMMENT	NR
6-19-15	REVISED PER PB COMMENTS	MWS
9-4-14	REVISED ENTRANCE	JJP
6-16-14	ORIGINAL PREPARATION DATE	JJP

PIETRZAK & PFAU
 ENGINEERING & SURVEYING, PLLC
 282 GREENWICH AVENUE, SUITE A
 GOSHEN, NEW YORK 10924
 (845) 294-6986

2 HAMILTON AVENUE
 MONTICELLO, NEW YORK 12761
 (845) 796-6966

JOSEPH J. PFAU P.E.
 LICENSE NO. 098645

MICHAEL J. CERRIGNO P.L.S.
 LICENSE NO. 056923

VINCENT A. PIETRZAK P.E., P.L.S. LICENSED
 P.E. LICENSE NO. 078506 (P.L.S. LICENSE NO. 050075)
 N.Y.P.L.S. LICENSE NO. 35386

SIGNATURE _____ DATE _____

BARODA CLUSTER SUBDIVISION
 TOWN OF CHESTER
 COUNTY OF ORANGE, NEW YORK

PROJECT TITLE

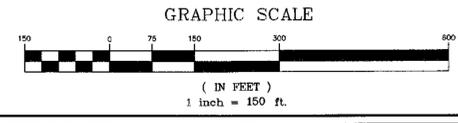
EXISTING CONDITIONS
 SECTION 12, BLOCK 1, LOT 31
 (NOT FOR OCHD REVIEW OR APPROVAL)

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 7	N/A OF N/A	2 OF 17

SCALE	CAD REFERENCE	PROJECT NUMBER
1"=150'	WORKING R1	14118.01



MATCH LINE 1
MATCH LINE 1

SEE SHEET 4 OF 17
SEE SHEET 3 OF 17

MATCH LINE 1
MATCH LINE 1

RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL

N/F
DUGGAN
SECTION 12 BLOCK 1 LOT 66

RESERVED FOR HEALTH DEPARTMENT APPROVAL

THIS SHEET IS INCOMPLETE AND INVALID WITHOUT EACH AND EVERY OTHER SHEET LISTED IN THE TITLE BOX UNDER THE HEADING O.C.H.D. SHEET NO. 2 OF 7.

N/F
ANDRICK
SECTION 12 BLOCK 1 LOT 69

SURVEY NOTES:

1. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y.S. EDUCATION LAW.
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3. CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
4. UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS, IF ANY, ARE NOT SHOWN HEREON.
5. CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION, AS UNDERGROUND IMPROVEMENTS EXIST WHICH WERE NOT LOCATED AT THE TIME OF THIS SURVEY.
6. ALL INTERIOR FEATURES ARE NOT SHOWN HEREON.
7. SUBJECT TO ANY RIGHTS, TITLE, EASEMENTS, OR INTEREST BY UTILITY COMPANIES TO UTILITIES RUNNING IN AND/OR ALONG SAID PARCELS.
8. SUBJECT TO ANY RIGHTS, TITLE, EASEMENTS, OR AGREEMENTS, IF ANY.
9. SUBJECT TO ANY RIGHTS, TITLE OR INTEREST BY OTHERS TO PROPERTY IN/AND OR ALONG THE ROADWAYS SHOWN HEREON.
10. SUBJECT TO ANY RIGHTS, TITLE, EASEMENTS, OR INTEREST BY UTILITY COMPANIES TO UTILITIES RUNNING IN AND/OR ALONG SAID PARCELS.
11. TOPOGRAPHY AND SOME EXISTING FEATURES BASED ON MAPPING PROVIDED BY RECORD APPLICANT.
12. REFER TO

RECORD OWNER/APPLICANT

D D R GROUP, LLC
P.O. BOX 269
CARNERVILLE, NY 10823

DATE	DESCRIPTION	INITIALS
8-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION	JJP
11-11-22	TOWN REVIEW BASED ON PUBLIC HEARING COMMENTS	JJP
1-5-19	SOS/WETLAND SEPARATIONS, ADED BUFFERS	JJP
2-28-18	PER PB COMMENTS AND SWPPP PREPARATION	MWS
10-28-16	PRELIMINARY DESIGN OF REVISED LAYOUT	MWS
3-31-16	REVISED CLUSTER LAYOUT PER HIGHWAY COMMENT	NR
6-19-15	REVISED PER PB COMMENTS	MWS
9-4-14	REVISED ENTRANCE	JJP
6-15-14	ORIGINAL PREPARATION DATE	JJP

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

PIETRZAK & PFAU

ENGINEERING & SURVEYING, PLLC
282 GREENWICH AVENUE, SUITE A
COSSAEN, NEW YORK 10824
(945) 294-0000

2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(945) 796-4646
JOSEPH J. PIETRZAK, P.E.
LICENSE NO. 058945
MICHAEL F. COSSAEN, P.L.S.
LICENSE NO. 054023
VINCENT A. PIETRZAK, P.E., P.L.S., LEADSHIP
P.E. LICENSE NO. 078936, P.L.S. LICENSE NO. 050075
N.Y.P.L.S. LICENSE NO. 95396

SIGNATURE: DATE:

**BARODA CLUSTER
SUBDIVISION**

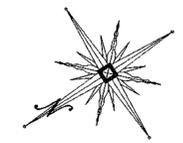
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE:

PLAT SHEET (1)
SECTION 12, BLOCK 1, LOT 31

DRAWING TITLE:

O.C.H.D. SHEET NO.	D.E.C. SHEET NO.	DRAWING NUMBER
2 OF 7	N/A OF N/A	9 OF 17
SCALE 1"=100'	CAD REFERENCE WORKING R1	PROJECT NUMBER 14118.01



N/F
EIGHTEEN-EIGHT GROUP, LLC
SECTION 6 BLOCK 1 LOT 102

N86°46'54"E
73.17'
S27°33'06"E
107.35'

S33°33'06"E
101.25'
S30°40'06"E
66.40'

S33°48'06"E
83.52'
S30°40'06"E
66.40'

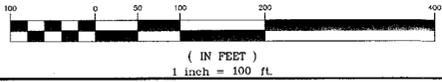
S51°34'13"E
624.42'
S51°34'13"E
624.42'

S37°05'57"W
243.84'
S34°16'49"W
1001.11'

RIGHT-OF-WAY
DEDICATION AREA
124,217± sq.ft.
2.85± acres

PROPOSED 100'
RIGHT-OF-WAY
DEDICATION TO BE
OFFERED TO THE
TOWN OF CHESTER

GRAPHIC SCALE

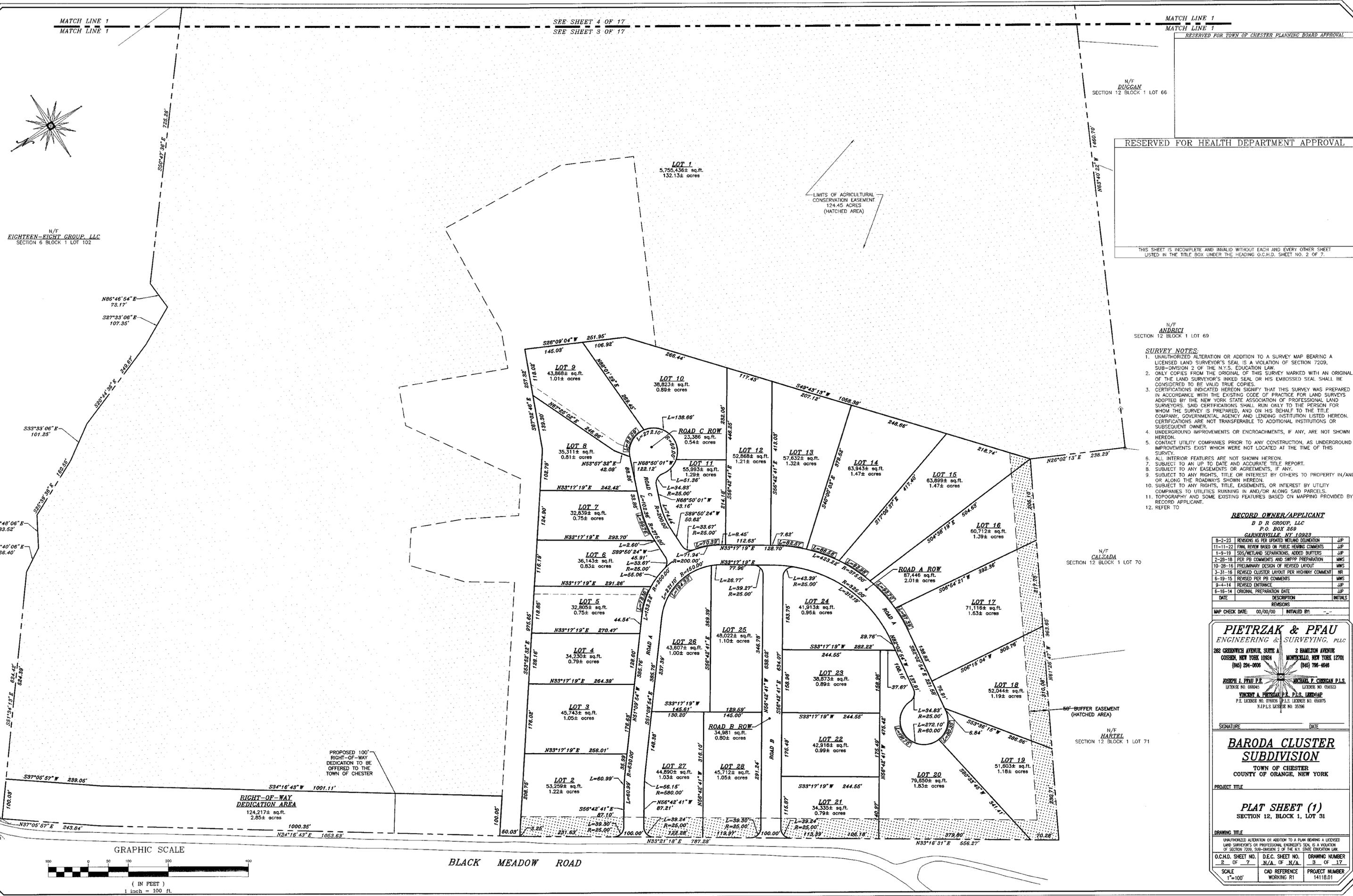


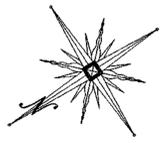
BLACK MEADOW ROAD

LIMITS OF AGRICULTURAL
CONSERVATION EASEMENT
124.45 ACRES
(HATCHED AREA)

N/F
CALZADA
SECTION 12 BLOCK 1 LOT 70

N/F
HARTEL
SECTION 12 BLOCK 1 LOT 71





N/F PALMER
SECTION 13 BLOCK 1 LOT 14.1

N/F TOWN OF CHESTER
SECTION 13 BLOCK 1 LOT 86.23

N/F NORFOLK SOUTHERN CORP
SECTION 7 BLOCK 1 LOT 44

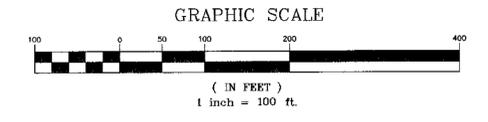
N/F OCEANE PROPERTIES, LLC
SECTION 7 BLOCK 1 LOT 45.12

HUDSON & LEHIGH RAILROAD

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N/F TOWN OF CHESTER
SECTION 13 BLOCK 1 LOT 1.221

N/F WEINBERG
SECTION 13 BLOCK 2 LOT 14



RECORD OWNER/APPLICANT
B D R GROUP, LLC
P.O. BOX 850
GARVERVILLE, NY 10923

DATE	DESCRIPTION	INITIALS
8-2-23	REVISIONS AS PER URBAN WETLAND DELINEATION	JLP
11-11-22	FINAL REVIEW BASED ON PUBLIC HEARING COMMENTS	JLP
1-9-19	SDS/WETLAND SEPARATIONS, ADDED BUFFERS	JLP
2-28-18	PER PB COMMENTS AND SWPPP PREPARATION	MWS
10-28-16	PRELIMINARY DESIGN OF REVISED LAYOUT	MWS
3-31-16	REVISED CLUSTER LAYOUT PER HIGHWAY COMMENT	NR
8-19-15	REVISED PER PB COMMENTS	MWS
9-4-14	REVISED ENTRANCE	JLP
6-18-14	ORIGINAL PREPARATION DATE	JLP

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

LIMITS OF AGRICULTURAL CONSERVATION EASEMENT
124.45 ACRES
(HATCHED AREA)

LOT 1
5,755,436± sq.ft.
132.13± acres

N/F COTSIS
SECTION 12 BLOCK 1 LOT 65

RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL

RESERVED FOR HEALTH DEPARTMENT APPROVAL

SEE SHEET 4 OF 17
SEE SHEET 3 OF 17

MATCH LINE 1
MATCH LINE 1

SECTION 12

THIS SHEET IS INCOMPLETE AND INVALID WITHOUT EACH AND EVERY OTHER SHEET LISTED IN THE TITLE BOX UNDER THE HEADING O.C.M.D. SHEET NO. 3 OF 7.

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC

282 GREENWICH AVENUE, SUITE A GOSHEN, NEW YORK 10924 (945) 284-0606

2 HAMILTON AVENUE MONTICELLO, NEW YORK 12701 (945) 796-6646

JOSEPH J. PFAU P.E. LICENSE NO. 088945 MICHAEL T. CROGAN P.L.S. LICENSE NO. 050323

VINCENT A. PIETRZAK P.E. LICENSE NO. 078836 P.L.S. LICENSE NO. 050075 N.Y.P.L.S. LICENSE NO. 35396

SIGNATURE _____ DATE _____

BARODA CLUSTER SUBDIVISION

TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE _____

PLAT SHEET (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.S. EDUCATION LAW.

O.C.M.D. SHEET NO. 3 OF 7	D.E.C. SHEET NO. N/A OF N/A	DRAWING NUMBER 4 OF 17
SCALE 1"=100'	CAD REFERENCE WORKING R1	PROJECT NUMBER 14118.01



CURTAIN DRAIN INVERT INFORMATION

LOT #	HIGH POINT ELEVATION	TRANSITION POINT ELEVATION	OUTLET INVERT ELEVATION	LOT #	HIGH POINT ELEVATION	TRANSITION POINT ELEVATION	OUTLET INVERT ELEVATION
1	492.9	491.7	491.3	18	610.7	603.2	603.0
2	489.3	486.7	486.1	19	599.5	593.7	593.4
3	488.5	486.2	485.7	20	589.0	585.5	585.0
4	486.8	484.9	484.2	21	562.0	558.2	558.0
6	484.3	482.64	481.9	22	565.3	560.6	560.4
8	495.1	495.0	493.9	23	560.1	555.7	555.4
9	490.5	489.2	488.1	24	557.1	552.9	552.6
10	490.4	488.5	488.1	25	535.4	533.1	532.8
12	503.2	502.5	502.0	26	528.1	524.0	523.7
16	588.7	583.3	583.1	27	531.5	526.7	526.4
17	615.7	610.9	610.7	28	543.2	538.0	537.7

LEGEND

- PROPOSED WELL
- PROPOSED ELJEN SDS SYSTEM
- PROPOSED PROPERTY LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING PROPERTY LINE
- EXISTING TREADLINE
- EXISTING OVERHEAD UTILITIES
- EXISTING GUY WIRE
- EXISTING UTILITY POLE WITH OVERHEAD WIRES
- EXISTING SIGN
- SOIL PERCOLATION TEST
- SOIL DEEP TEST

DATE	DESCRIPTION	INITIALS
8-23	REVISIONS AS PER UPDATED WETLAND DELINEATION	JUP
11-11-22	FINAL REVIEW BASED ON PUBLIC HEARING COMMENTS	JUP
1-9-18	SDS/WETLAND SEPARATIONS, ADDED BUFFERS	JUP
2-28-18	FEED PB COMMENTS AND SWPPP PREPARATION	MNS
10-28-18	PRELIMINARY DESIGN OF REVISED LAYOUT	MNS
3-31-18	REVISED CLUSTER LAYOUT PER HIGHWAY COMMENT	NR
6-19-15	REVISED PER PB COMMENTS	MNS
9-4-14	REVISED ENTRANCE	JUP
6-16-14	ORIGINAL PREPARATION DATE	JUP

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

PIETRZAK & PFAU
ENGINEERING & SURVEYING, P.L.L.C.
202 GREENWICH AVENUE, SUITE 4
GOSHEN, NEW YORK 10824
(945) 294-0900

2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(945) 708-4646

ROSEMARY J. PIETRZAK, P.E.
LICENSE NO. 099345

MICHAEL P. PFAU, P.L.S.
LICENSE NO. 099223

VINCENT A. PIETRZAK, P.L.S. LEAD
P.L. LICENSE NO. 09898 (E.L.S. LICENSE NO. 900705)
N.Y.P.L.S. LICENSE NO. 33396

RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL

RESERVED FOR HEALTH DEPARTMENT APPROVAL

BARODA CLUSTER SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE

UTILITY PLAN (1)
SECTION 12, BLOCK 1, LOT 31

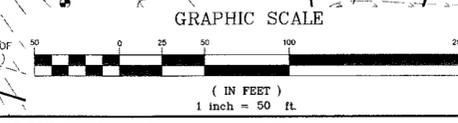
DRAWING TITLE

UNAPPROVED ALTERATION OF 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
4 OF 7	N/A OF N/A	5 OF 17

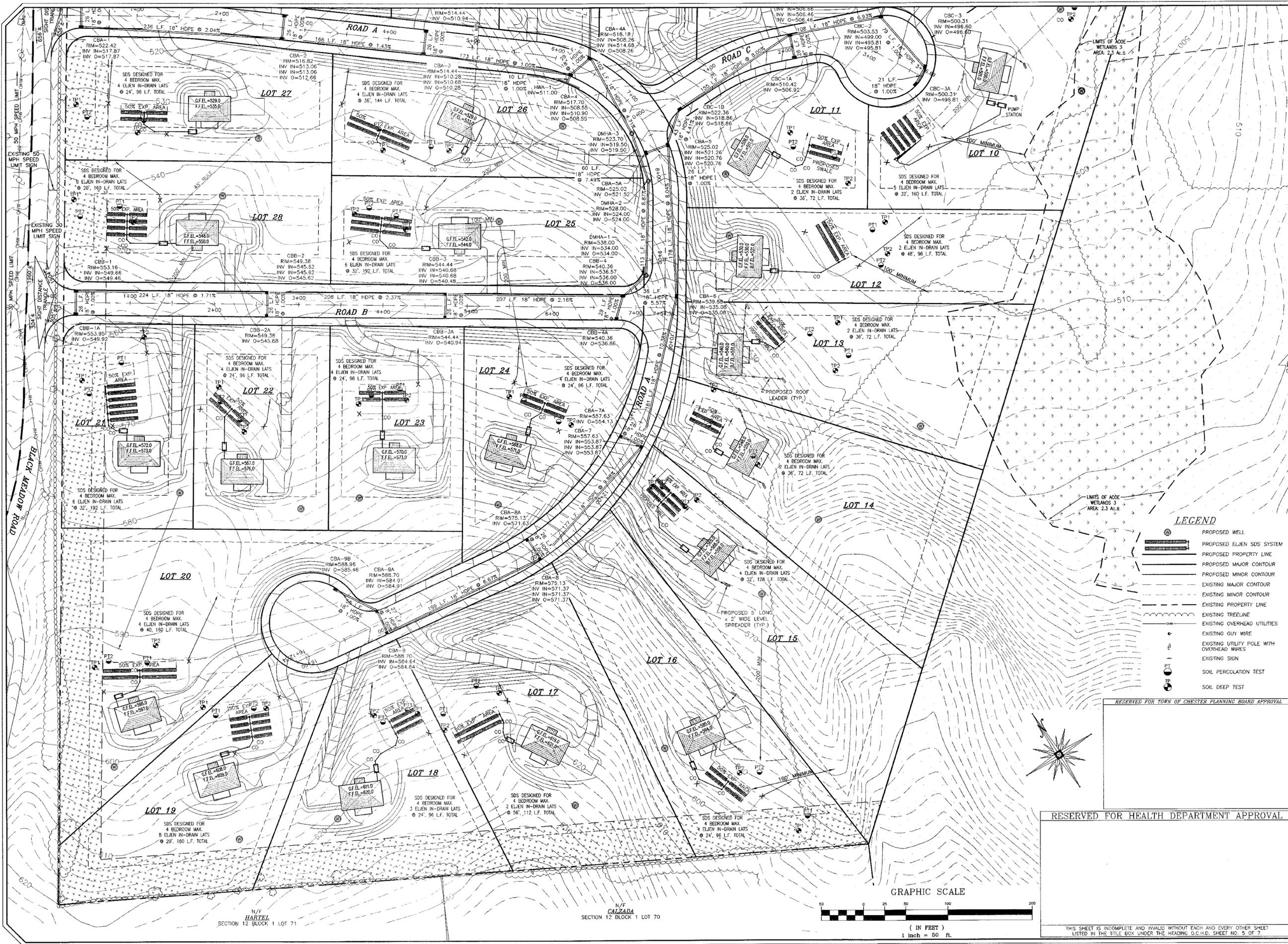
SCALE 1"=50'

CAD WORKING R1	CAD REFERENCE R1	PROJECT NUMBER
		14118.001



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CURTAIN DRAIN INVERT INFORMATION			
LOT #	HIGH POINT ELEVATION	TRANSITION POINT ELEVATION	OUTLET INVERT ELEVATION
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4	486.8	484.9	484.2
6	484.3	482.64	481.9
8	495.1	495.0	493.9
9	490.5	489.2	488.1
10	490.4	488.5	488.1
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17	615.7	610.9	610.7
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20	589.0	585.5	585.0
21	562.0	558.2	558.0
22	565.3	560.6	560.4
23	560.1	555.7	555.4
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26	528.1	524.0	523.7
27	531.5	526.7	526.4
28	543.2	538.0	537.7



LEGEND

- PROPOSED WELL
- PROPOSED ELJEN SDS SYSTEM
- PROPOSED PROPERTY LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING PROPERTY LINE
- EXISTING TREE LINE
- EXISTING OVERHEAD UTILITIES
- EXISTING GUY WIRE
- EXISTING UTILITY POLE WITH OVERHEAD WIRES
- EXISTING SIGN
- SOIL PERCOLATION TEST
- SOIL DEEP TEST

DATE	DESCRIPTION	INITIALS
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10-28-16	PRELIMINARY DESIGN OF REVISED LAYOUT	MWS
3-31-16	REVISED CLUSTER LAYOUT PER HIGHWAY COMMENT	NJR
6-19-15	REVISED PER PB COMMENTS	MWS
3-1-14	REVISED ENTRANCE	JUP
6-16-14	ORIGINAL PREPARATION DATE	JUP

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

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC
 282 GREENWICH AVENUE, SUITE A COSSBURN, NEW YORK 10924 (845) 294-0008
 2 HAMILTON AVENUE MONTICELLO, NEW YORK 12701 (845) 790-4646

JOSEPH J. PIETRZAK P.E. LICENSE NO. 088945
 MICHAEL F. PFAU P.L.S. LICENSE NO. 656232
 VINCENT A. PIETRZAK P.E. LICENSE NO. 096936
 P.L.S. LICENSE NO. 650075
 N.J.P.L.S. LICENSE NO. 35396

SIGNATURE: _____ DATE: _____

BARODA CLUSTER
SUBDIVISION
 TOWN OF CHESTER
 COUNTY OF ORANGE, NEW YORK

RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL

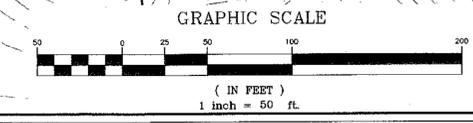
RESERVED FOR HEALTH DEPARTMENT APPROVAL

PROJECT TITLE: **UTILITY 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.

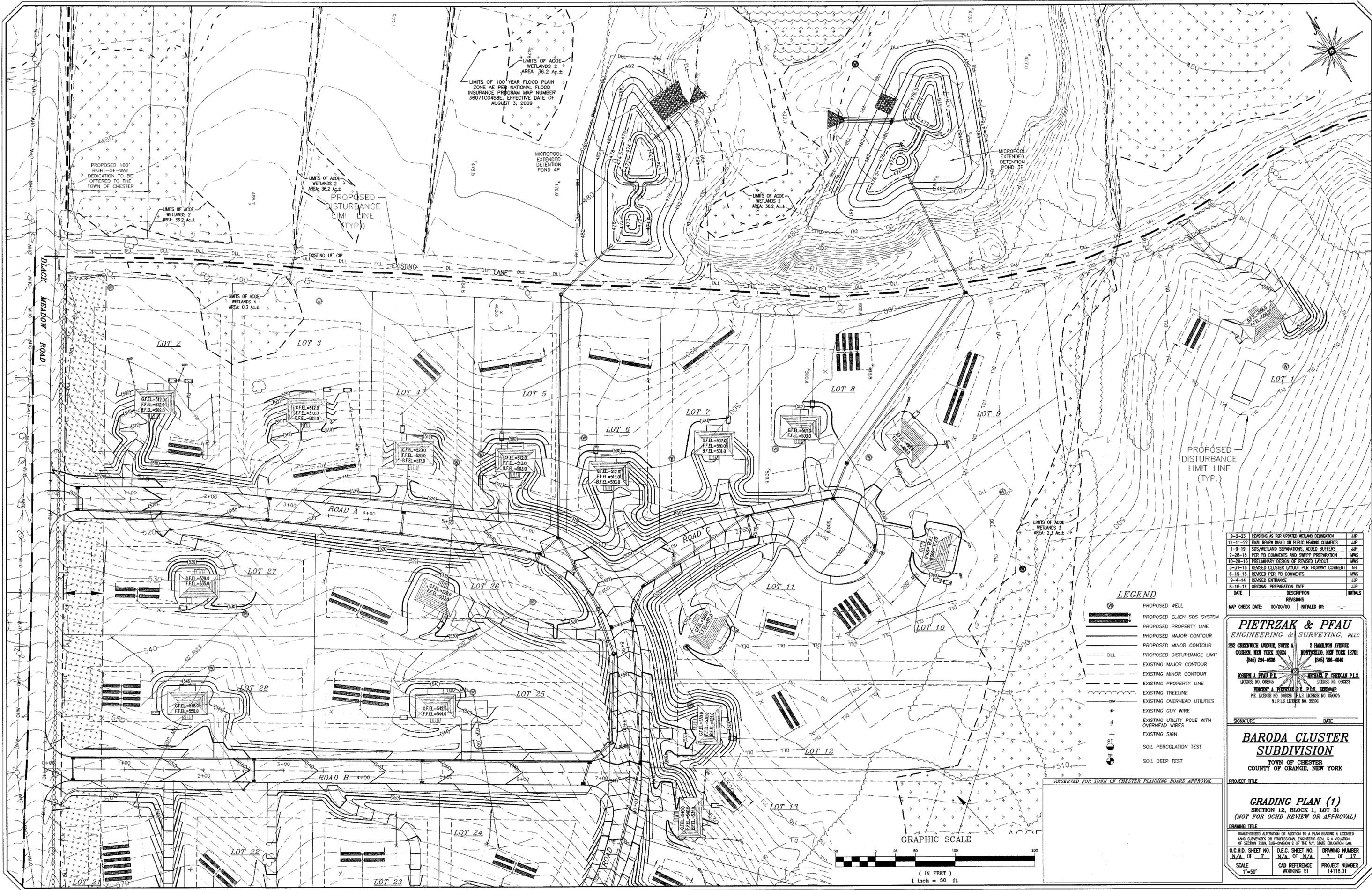
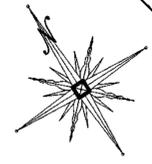
O.C.H.D. SHEET NO. 5 OF 7	D.E.C. SHEET NO. N/A OF N/A	DRAWING NUMBER 8 OF 17
SCALE 1"=50'	CAD REFERENCE WORK R1	PROJECT NUMBER 14118.01



N/F
 HARTZEL
 SECTION 12 BLOCK 1 LOT 71

N/F
 CALZADA
 SECTION 12 BLOCK 1 LOT 70

THIS SHEET IS INCOMPLETE AND INVALID WITHOUT EACH AND EVERY OTHER SHEET LISTED IN THE TITLE BOX UNDER THE HEADING O.C.H.D. SHEET NO. 5 OF 7.



LIMITS OF 100 YEAR FLOOD PLAIN ZONE AS PER NATIONAL FLOOD INSURANCE PROGRAM MAP NUMBER 36071C0458E, EFFECTIVE DATE OF AUGUST 3, 2009

LIMITS OF ACOE WETLANDS 2 AREA: 36.2 Ac.±
PROPOSED DISTURBANCE LIMIT LINE (TYP.)

LOT 2

LOT 3

LOT 4

LOT 5

LOT 6

LOT 7

LOT 8

LOT 9

LOT 1

LOT 27

LOT 26

LOT 11

LOT 10

LOT 28

LOT 25

LOT 12

LOT 13

LOT 22

LOT 23

ROAD A 4+00

ROAD B 4+00

ROAD C

ROAD D 4+00

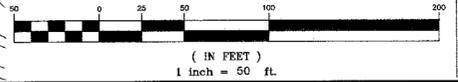
PROPOSED DISTURBANCE LIMIT LINE (TYP.)

LEGEND

- PROPOSED WELL
- PROPOSED EJECTOR SDS SYSTEM
- PROPOSED PROPERTY LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED DISTURBANCE LIMIT
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING PROPERTY LINE
- EXISTING TREELINE
- EXISTING OVERHEAD UTILITIES
- EXISTING GUY WIRE
- EXISTING UTILITY POLE WITH OVERHEAD WIRES
- EXISTING SIGN
- SOIL PERCOLATION TEST
- SOIL DEEP TEST

RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL

GRAPHIC SCALE



NO.	DATE	DESCRIPTION	INITIALS
8-2-23		REVISIONS AS PER UPDATED WETLAND DELINEATION	JJP
11-11-22		FINAL REVIEW BASED ON PUBLIC HEARING COMMENTS	JJP
1-9-18		SDS/WETLAND SEPARATIONS, ADDED BARRIERS	JJP
2-28-18		PER PB COMMENTS AND SWPPP PREPARATION	MNS
10-28-16		PRELIMINARY DESIGN OF REVISED LAYOUT	MNS
3-31-16		REVISED CLUSTER LAYOUT PER HIGHWAY COMMENT	NR
8-19-15		REVISED PER PB COMMENTS	MNS
9-4-14		REVISIONS ENTRANCE	JJP
6-16-14		ORIGINAL PREPARATION DATE	JJP

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P.E. LICENSE NO. 058936 P.E. LICENSE NO. 050075
N.P.L.S. LICENSE NO. 35366

SIGNATURE: _____ DATE: _____

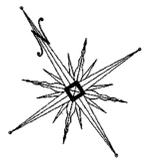
BARODA CLUSTER SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE: **GRADING PLAN (1)**
SECTION 12, BLOCK 1, LOT 31
(NOT FOR OCHD REVIEW OR APPROVAL)

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.

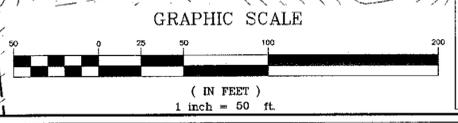
O.C.H.D. SHEET NO. N/A OF 7	D.E.C. SHEET NO. N/A OF N/A	DRAWING NUMBER 7 OF 17
SCALE 1"=50'	CAD REFERENCE WORKING R1	PROJECT NUMBER 14118.01



LEGEND

- PROPOSED WELL
- PROPOSED ELEVATION SDS SYSTEM
- PROPOSED PROPERTY LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED DISTURBANCE LIMIT
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING PROPERTY LINE
- EXISTING TREELINE
- EXISTING OVERHEAD UTILITIES
- EXISTING GUY WIRE
- EXISTING UTILITY POLE WITH OVERHEAD WIRES
- EXISTING SIGN
- SOIL PERCOLATION TEST
- SOIL DEEP TEST

RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL



NO.	REVISIONS	DATE	INITIALS
8-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION		JJP
11-11-22	FINAL REVIEW BASED ON PUBLIC HEARING COMMENTS		JJP
1-4-19	SSS WETLAND SEPARATIONS, ADDED BUFFERS		JJP
2-28-18	PER FB COMMENTS AND SWPPP PREPARATION		MWS
10-28-16	PRELIMINARY DESIGN OF REVISED LAYOUT		MWS
3-31-16	REVISED CLUSTER LAYOUT PER HIGHWAY COMMENT		NR
6-19-15	REVISED PER FB COMMENTS		MWS
8-4-14	REVISED ENTRANCE		JJP
8-16-14	ORIGINAL PREPARATION DATE		JJP

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

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LICENSE NO. 050202

VINCENT A. PIETRZAK P.E., P.L.S. LEADSHIP
P.E. LICENSE NO. 076638 | P.L.S. LICENSE NO. 060076
N.Y.P.L.S. LICENSE NO. 33366

SIGNATURE: _____ DATE: _____

BARODA CLUSTER SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE

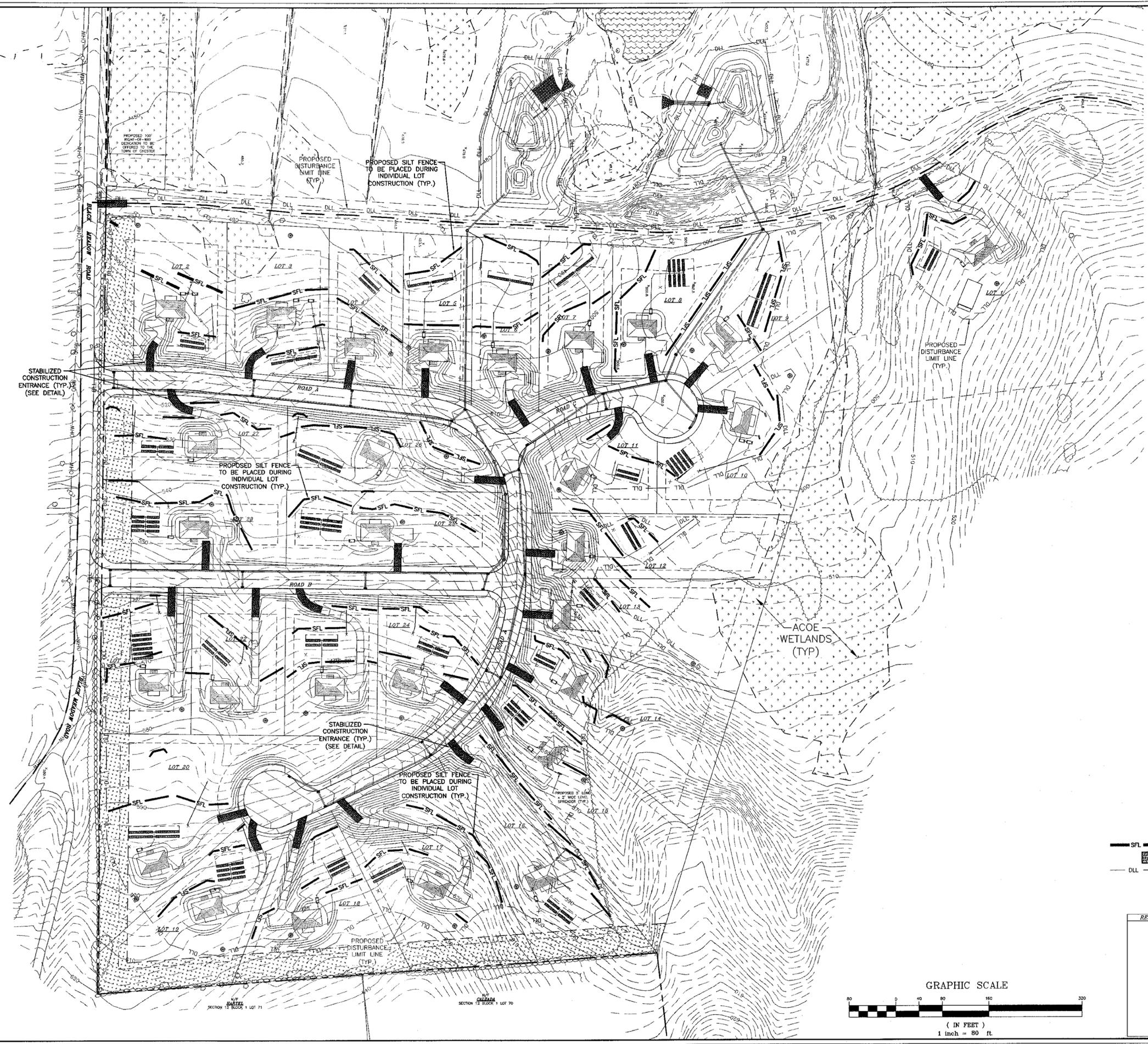
GRADING PLAN (2)
SECTION 12, BLOCK 1, LOT 31
(NOT FOR OCHD REVIEW OR APPROVAL)

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 7	D.E.C. SHEET NO. N/A OF N/A	DRAWING NUMBER 8 OF 17
SCALE 1"=50'	CAD REFERENCE WORKING R1	PROJECT NUMBER 14118.01

N/F HARTEL
SECTION 12 BLOCK 1

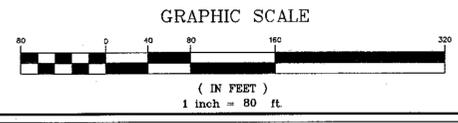
50' BUFFER EASEMENT
(HATCHED AREA)

N/F CALZADA
SECTION 12 BLOCK 1 LOT 70



LEGEND

	SFL	SILT FENCE FOR LOT CONSTRUCTION
		STABILIZED CONSTRUCTION ENTRANCE
	DLL	PROPOSED DISTURBANCE LIMIT LINE



RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL

DATE	DESCRIPTION	INITIALS
8-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION	JLP
11-11-22	FINAL REVIEW BASED ON FIELD VERIFY COMMENTS	JLP
11-9-19	SOS/WETLAND SEPARATIONS, ADDED BUFFERS	JLP
2-28-18	PER PB COMMENTS AND SWPPP PREPARATION	MWS
10-28-18	PRELIMINARY DESIGN OF REVISED LAYOUT	MWS
3-31-16	REVISED CLUSTER LAYOUT PER HIGHWAY COMMENT	NR
6-19-15	REVISED PER PB COMMENTS	MWS
9-4-14	REVISED ENTRANCE	JLP
6-18-14	ORIGINAL PREPARATION DATE	JLP

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

PIETRZAK & PFAU
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LICENSE NO. 065845 LICENSE NO. 050822

VINCENT A. PIETRZAK P.E. P.L.S. LICENSED
P.E. LICENSE NO. 026698 P.L.S. LICENSE NO. 064075
R.F.P.L.S. LICENSE NO. 353896

SIGNATURE _____ DATE _____

BARODA CLUSTER SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

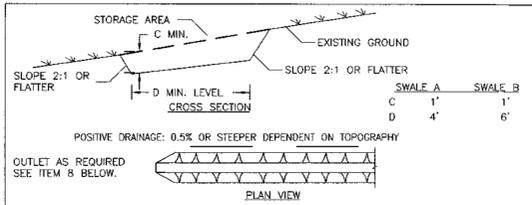
PROJECT TITLE

**EROSION CONTROL PLAN
INDIVIDUAL LOT CONSTRUCTION**
SECTION 12, BLOCK 1, LOT 31
(NOT FOR UCHD REVIEW OR APPROVAL)

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 7	D.E.C. SHEET NO. N/A OF N/A	DRAWING NUMBER 10 OF 17
SCALE 1"=80'	CAD REFERENCE WORKING R1	PROJECT NUMBER 14118.01



CONSTRUCTION SPECIFICATIONS

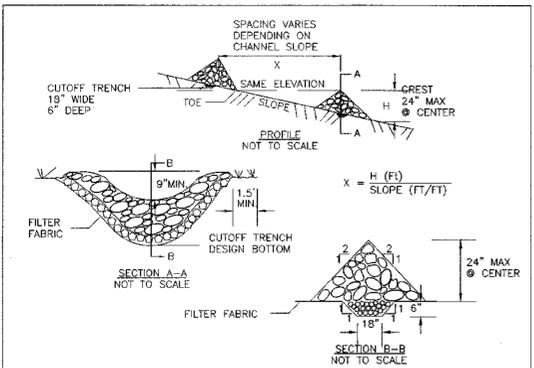
- ALL TEMPORARY SWALES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
- DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
- DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY.
- ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
- THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPED EROSION.
- FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
- ALL EARTH REMOVED AND NOT NEEDED FOR CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
- STABILIZATION SHALL BE AS PER THE FLOW CHANNEL STABILIZATION CHART BELOW:

TYPE OF TREATMENT	CHANNEL GRADE	MIN. AG. OR LESS	SUS. AG. - 10000
1	0.5-3.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0%	SEED AND STRAW MULCH	SEED USING JUTE OR EXCELSIOR
3	5.1-8.0%	SEED WITH JUTE OR EXCELSIOR, 500	LINED WITH 4" RIP-RAP OR RECYCLED CONCRETE EQUIVALENT ENGINEERED DESIGN
4	8.1-20.0%	LINED WITH 4" RIP-RAP	

9. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

U.S. DEPARTMENT OF AGRICULTURE
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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

TEMPORARY SWALE

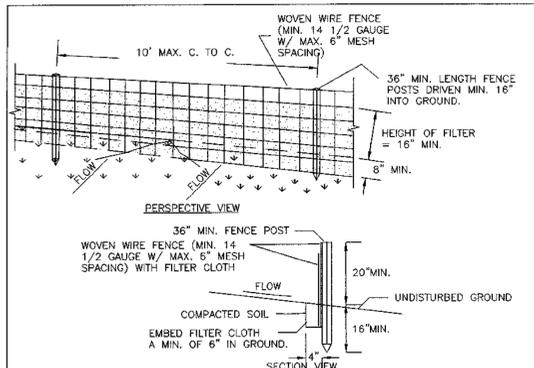


CONSTRUCTION SPECIFICATIONS

- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
- SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
- EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL AFFURTANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA 2 ACRES.

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CHECK DAM

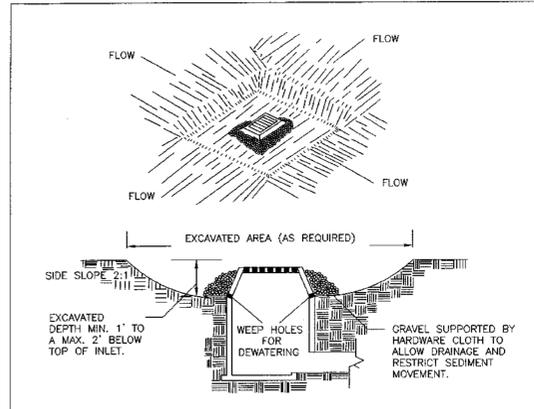


CONSTRUCTION SPECIFICATIONS

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOFAB, EMVIROFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

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SILT FENCE

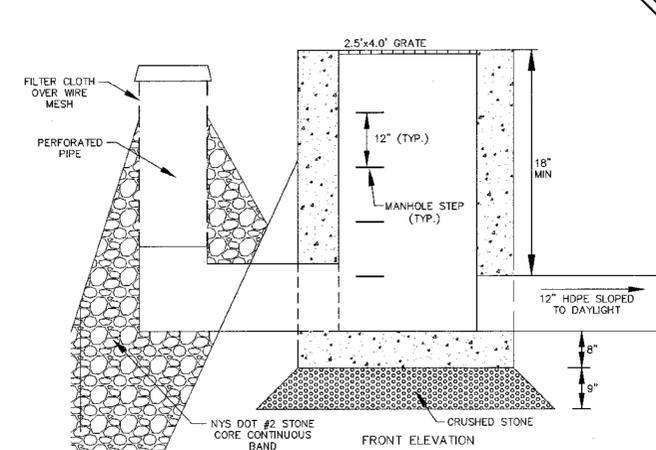


CONSTRUCTION SPECIFICATIONS

- CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
- GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
- WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
- UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES, FILL BASIN WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING. MAXIMUM DRAINAGE AREA 1 ACRE.

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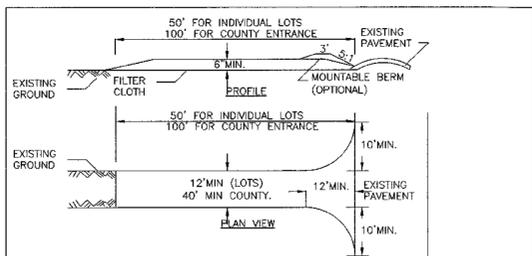
EXCAVATED DROP INLET PROTECTION



PROPOSED TEMPORARY OUTLET STRUCTURE FOR SEDIMENT BASIN DETAIL

N.T.S.

NOTES:
1. ONCE THE DETENTION/TREATMENT POND IS NO LONGER BEING USED AS A SEDIMENT BASIN, THE OUTLET STRUCTURE IS TO BE MODIFIED TO CONFORM TO THE OUTLET STRUCTURE DETAIL PROVIDED FOR THE POND.

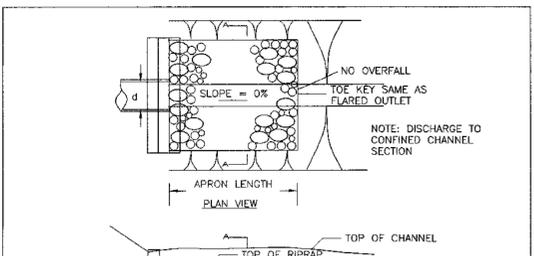


CONSTRUCTION SPECIFICATIONS

- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

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STABILIZED CONSTRUCTION ENTRANCE

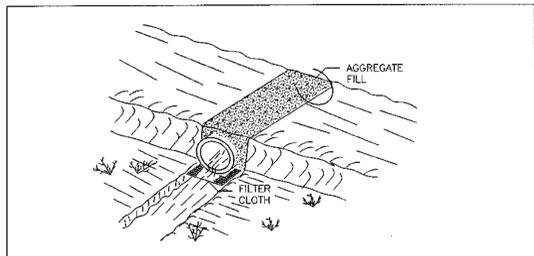


CONSTRUCTION SPECIFICATIONS

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- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

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RIPRAP OUTLET PROTECTION EXAMPLE



CONSTRUCTION SPECIFICATIONS

- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
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- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

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TEMPORARY ACCESS CULVERT

TEMPORARY SEEDING SPECIFICATIONS

- SCARIFY SOILS IF COMPACTED
- LIME TO pH OF 6.0 IF REQUIRED
- FERTILIZE WITH 600 LBS/ACRE 5-10-10 FERTILIZER IF REQ.
- SEED WITH SPECIES AND RATE SHOWN BELOW
- MULCH WITH HAY OR STRAW AT A RATE OF 2000 LBS/ACRE. ANCHOR MULCH WITH NETTING OF WOOD FIBER OR JUTE IF STEEP SLOPE OR HIGH POTENTIAL FOR EROSION.

SPECIES	APPLICATION RATE
RYEGRASS (ANNUAL OR PERENNIAL) (USE WINTER RYE IF SEEDING IN OCT./NOV.)	30 LBS/ACRE (0.7 LBS/1000 SF)

PERMANENT SEEDING MIXTURES

SPECIES	APPLICATION RATE
EMPIRE BIRDSFOOT TREFLOL	8 LBS/ACRE
TALL FESCUE	20 LBS/ACRE
RYEGRASS	5 LBS/ACRE

MODERATE TO STEEP SLOPES AND LOW MAINTENANCE AREAS

SPECIES	APPLICATION RATE
60% KENTUCKY BLUEGRASS BLEND	85-114 LBS/ACRE
20% PERENNIAL RYEGRASS	26-35 LBS/ACRE
15% FINE FESCUE	19-26 LBS/ACRE

GENERAL RECREATION AREAS AND LAWNS

SPECIES	APPLICATION RATE
65% FINE FESCUE	114-143 LBS/ACRE
15% PERENNIAL RYEGRASS	26-35 LBS/ACRE
20% KENTUCKY BLUEGRASS BLEND	35-44 LBS/ACRE

SUNNY DROUGHTY SITES (SOMEWHAT EXCESSIVELY TO EXCESSIVELY DRAINED SOILS)

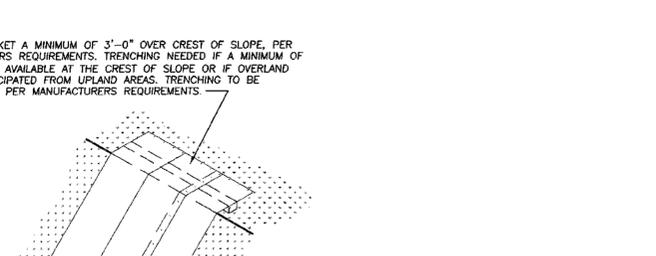
SPECIES	APPLICATION RATE
80% SHADE TOLERANT KENTUCKY BLUEGRASS BLEND	105-138 LBS/ACRE
20% PERENNIAL RYEGRASS	25-37 LBS/ACRE

SHADY DRY SITES (WELL TO SOMEWHAT POORLY DRAINED SOILS)

SPECIES	APPLICATION RATE
70% ROUGH BLUEGRASS	80-91 LBS/ACRE
80% SHADE TOLERANT KENTUCKY BLUEGRASS BLEND	25-39 LBS/ACRE

SHADY WET SITES (SOMEWHAT POOR TO POORLY DRAINED SOILS)

SPECIES	APPLICATION RATE
80% SHADE TOLERANT KENTUCKY BLUEGRASS BLEND	105-138 LBS/ACRE
20% PERENNIAL RYEGRASS	25-37 LBS/ACRE



CONSTRUCTION SPECIFICATIONS

- EROSION CONTROL BLANKET TO BE CURLEX I (EXCELSIOR EROSION CONTROL BLANKETS) OR APPROVED EQUAL.
- EROSION CONTROL BLANKET TO BE PLACED ON DISTURBED SLOPES GREATER THAN 2 HORIZONTAL TO 1 VERTICAL AS SHOWN ON THE EROSION CONTROL PLAN.
- EROSION CONTROL BLANKET IS TO BE INSTALLED PER MANUFACTURERS REQUIREMENTS.

SLOPE STABILIZATION BLANKET DETAIL

N.T.S.

NOTES:
1. EROSION CONTROL BLANKET TO BE CURLEX I (EXCELSIOR EROSION CONTROL BLANKETS) OR APPROVED EQUAL.
2. EROSION CONTROL BLANKET TO BE PLACED ON DISTURBED SLOPES GREATER THAN 2 HORIZONTAL TO 1 VERTICAL AS SHOWN ON THE EROSION CONTROL PLAN.
3. EROSION CONTROL BLANKET IS TO BE INSTALLED PER MANUFACTURERS REQUIREMENTS.

EROSION CONTROL SEQUENCE

MEASURES SHALL BE TAKEN TO PREVENT SOIL EROSION DURING PROJECT CONSTRUCTION. ALL FRESHLY DISTURBED AREAS THAT WILL REMAIN DISTURBED FOR MORE THAN A PERIOD OF FOURTEEN (14) DAYS SHALL BE STABILIZED BY TEMPORARY SEEDING AS INDICATED ON THE TEMPORARY SEEDING SCHEDULE. DISTURBED AREAS SHALL BE MINIMAL IN SIZE AND SHALL NOT EXCEED THE APPROVED CLEARING AND GRADING LIMITS. THE FOLLOWING MEASURES SHALL BE IMPLEMENTED AS CONSTRUCTION PROGRESSES.

- PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES, THE LIMITS OF CLEARING AND GRADING SHALL BE MARKED. FILTER FABRIC SEDIMENTATION BARRIERS (SILT FENCE) SHALL BE PLACED ALONG THE DOWNGRADE PERIMETER OF THE SITE AND ANY OTHER AREAS WHERE SILT FENCE IS INDICATED AS TO BE INSTALLED PRIOR TO CONSTRUCTION ON THE APPROVED PLANS. INSTALLATION IS TO BEGIN AT THE DOWNSTREAM PORTIONS OF THE SITE THEN WORKING UPSTREAM.
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE BUILT IN THE AREAS SHOWN ON THE APPROVED PLANS AND WHEREVER A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PUBLIC THOROUGHFARE. STABILIZED ENTRANCES SHALL BE BUILT IN ACCORDANCE WITH THE STABILIZED CONSTRUCTION ENTRANCE DETAIL.
- UPON COMPLETION OF CLEARING AND GRUBBING ACTIVITIES, TOPSOIL SHALL BE STRIPPED AND STOCKPILED FROM ALL AREAS TO BE DISTURBED. STOCKPILED TOPSOIL SHALL BE STABILIZED BY TEMPORARY SEEDING AND SURROUNDED WITH A PERIMETER SILT FENCE.
- TEMPORARY EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO COMMENCING EARTH MOVING ACTIVITIES. THIS INCLUDES SEDIMENTATION TRAPS, TYPE "B" DIVERSION SWALES (WITH CHECK DAMS IF APPLICABLE) AND SILT FENCE IN AREAS NOT DESIGNATED TO BE GRADED. INSTALLATION SHALL BEGIN AT DOWNSTREAM PORTIONS OF THE SITE THEN WORKING UPSTREAM.

GENERAL EROSION CONTROL NOTES

- FILTER FABRIC IS TO BE MIRAFI 140 AS MANUFACTURED BY THE CELANESE CORPORATION OR APPROVED EQUAL.
- WHEREVER FEASIBLE, NATURAL VEGETATION SHOULD BE RETAINED AND PROTECTED.
- ONLY THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT.
- WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME.
- ALL WORK SHALL BE IN ACCORDANCE WITH ALL OF THE ATTACHED DRAWINGS.

MAINTENANCE REQUIREMENTS

- THE MAINTENANCE OF EROSION CONTROL DEVICES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE JOB SUPERINTENDENT WILL MONITOR THE CONDITION OF ALL THE DEVICES, CLEAN OR REPLACE STRUCTURES AS CLIMATIC CONDITIONS REQUIRE. THE DEVELOPER WILL ALSO BE SUBJECT TO THE DIRECTIVE OF THE DESIGN ENGINEER AND TOWN REPRESENTATIVES TO INCLUDE TOWN ENGINEER, HIGHWAY SUPERINTENDENT AND BUILDING INSPECTOR.
- GENERAL CONTRACTOR AND ALL CONTRACTORS SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE APPROVED PLANS AND MAY BE SUBJECT TO ADDITIONAL EROSION CONTROL REQUIREMENTS AS CONDITIONS MAY ARISE IN THE FIELD OR AS DIRECTED BY THE DESIGN ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES IN ACCORDANCE WITH THE APPROVED PLANS, MANUFACTURER'S RECOMMENDATIONS AS DIRECTED BY THE DESIGN ENGINEER AND TOWN REPRESENTATIVES INCLUDING TOWN ENGINEER, HIGHWAY SUPERINTENDENT AND BUILDING INSPECTOR.
- NO EROSION CONTROL STRUCTURES SHALL BE REMOVED UNTIL ALL WORK UPSTREAM THEREOF HAS BEEN COMPLETED, INCLUDING STABILIZATION AND APPROVED BY THE DESIGN ENGINEER AND TOWN REPRESENTATIVES.
- CONSTRUCTION ACTIVITIES TO BE LIMITED TO THE PERIOD OF 7:00 AM TO 7:00 PM.
- ALL CONSTRUCTION EQUIPMENT SHALL HAVE PROPERLY SIZED MAINTAINED MUFFLERS.
- ALL CONSTRUCTION EQUIPMENT SHALL BE TURNED OFF WHEN NOT IN USE.

STREAMS, DRAINAGE SWALES AND EMBANKMENTS

- ALL CONSTRUCTION ACTIVITIES IN OR EXISTING AROUND DRAINAGE SWALES OR WETLANDS ARE TO BE PROVIDED WITH TEMPORARY EROSION CONTROL STRUCTURES AS SHOWN IN DETAIL, LOCATED IMMEDIATELY DOWNSTREAM FROM SUCH ACTIVITY. THESE STRUCTURES ARE TO BE IN PLACE AS SHOWN PRIOR TO THE START OF ANY UP-STREAM CONSTRUCTION ACTIVITY.
- CONSTRUCTION EQUIPMENT SHALL NOT UNNECESSARILY CROSS LIVE STREAMS OR DRAINAGE SWALES EXCEPT BY MEANS OF BRIDGES AND CULVERTS OR OTHER APPROVED METHODS.
- ALL EMBANKMENTS TO BE GRADED AND SEEDING IMMEDIATELY UPON BEING LAID BACK.
- STABILIZATION OF THE SWALES WILL INCLUDE SEEDING AND STRAW MULCH ON SLOPES LESS THAN 5% AND JUTE NETTING OR EQUAL ON SLOPES EXCEEDING 5%.
- TOPSOIL AND/OR EARTH STOCKPILE SHALL BE LOCATED OUTSIDE OF EXISTING DRAINAGE SWALES, WETLANDS AND ADJACENT AREAS. SILT FENCES WILL BE PLACED ALONG THE TOE OF THE PILES AND THESE PILES SHALL RECEIVE TEMPORARY SEEDING.

SLOPE STABILIZATION, SEEDING METHOD & MULCHING

SLOPES OF 4:1 OR GREATER (HORIZONTAL-VERTICAL)

- SLOPES SHALL BE HYDROSEEDING WITH THE MIXTURES AND RATES INDICATED IN THE PERMANENT SEEDING MIXTURE SCHEDULE. STRAW OR HAY MULCH SHALL BE APPLIED AT A RATE OF 2000 LBS/ACRE. STRAW OR HAY MULCH SHALL BE ANCHORED WITH BIO-MESH60 NETTING AS MANUFACTURED BY ROTANKA INTERNATIONAL OR APPROVED EQUIVALENT. NETTING TO BE INSTALLED PER MANUFACTURER SPECIFICATIONS.
- AREAS SHALL BE SEEDING BY HYDROSEEDING OR BROADCASTING WITH THE MIXTURES AND RATES INDICATED ON THE PERMANENT SEEDING MIXTURE SCHEDULE. HYDROSEEDING AREAS SHALL BE MULCHED WITH A WOOD FIBER MULCH APPLIED AT A RATE OF 500 LBS/ACRE. BROADCAST AREAS SHALL MULCHED WITH HAY OR STRAW AT A RATE OF 2000 LBS/ACRE. AREAS SEEDING BY BROADCASTING SHALL BE LIGHTLY RAKED AND PACKED PRIOR TO PLACING MULCH.

SEEDBED PREPARATION & AMENDMENTS

MODERATE TO STEEP SLOPES AND LOW MAINTENANCE AREAS

- SCARIFY SOIL TO DEPTH OF 4" TO 6" IF COMPACTED.
- REMOVED LARGE STONES AND STUMPS ALLOWING ROCKS, ROOTS CLOUDS AND OTHER NATURAL DEBRIS TO REMAIN.
- ROUGHEN SLOPE FACES BY MAKING GROVES 2"-3" DEEP, PERPENDICULAR TO THE SLOPE WITH DISK OR YORK RAKE.
- LIME AS REQUIRED TO ACHIEVE A pH OF 6.0.
- FERTILIZE AT A RATE OF 600 LBS/ACRE OF 5-10-10 FERTILIZER OR AS RECOMMENDED BY SOIL TESTS.
- INCORPORATE LIME AND FERTILIZER INTO TOP 4" OF SOIL BY ROUGHENING.

GENERAL RECREATION AREAS AND LAWNS

- PLACE TOPSOIL TO A MINIMUM DEPTH OF 4"
- SCARIFY SOIL TO A DEPTH OF 4"-6" IF COMPACTED
- REMOVE ALL STONES OVER 1" IN DIAMETER, STICKS AND FOREIGN MATTER FROM THE SURFACE.
- LIME AS REQUIRED TO ACHIEVE A pH OF 6.5.
- FERTILIZE AT A RATE OF 850 LBS/ACRE OF 5-10-10 OR EQUIVALENT FERTILIZER OR AS RECOMMENDED BY SOIL TESTS.
- INCORPORATE LIME AND FERTILIZER INTO TOP 2"-4" OF TOPSOIL.
- SMOOTH AND FIRM THE SEEDBED.

RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL

DATE	REVISIONS	DESCRIPTION	INITIALS
8-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION		JLP
11-11-22	TOWN REVIEW BASED ON PUBLIC HEARING COMMENTS		JLP
1-9-19	SOS/WETLAND SEPARATIONS, ADDED BUFFERS		JLP
2-28-18	PER PB COMMENTS AND SWPPP PREPARATION		MWS
10-28-16	PRELIMINARY DESIGN OF REVISED LAYOUT		MWS
3-31-16	REVISED CLUSTER LAYOUT PER HIGHWAY COMMENT		NR
8-19-15	REVISED PER PB COMMENTS		MWS
9-4-14	REVISED ENTRANCE		JLP
6-15-14	ORIGINAL PREPARATION DATE		JLP

DATE: 00/00/00 INITIALED BY: --

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P.E. LICENSE NO. 078936, P.L.S. LICENSE NO. 056075
N.Y.P.L.S. LICENSE NO. 35395

SIGNATURE: _____ DATE: _____

BARODA CLUSTER SUBDIVISION

TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE

EROSION CONTROL DETAILS

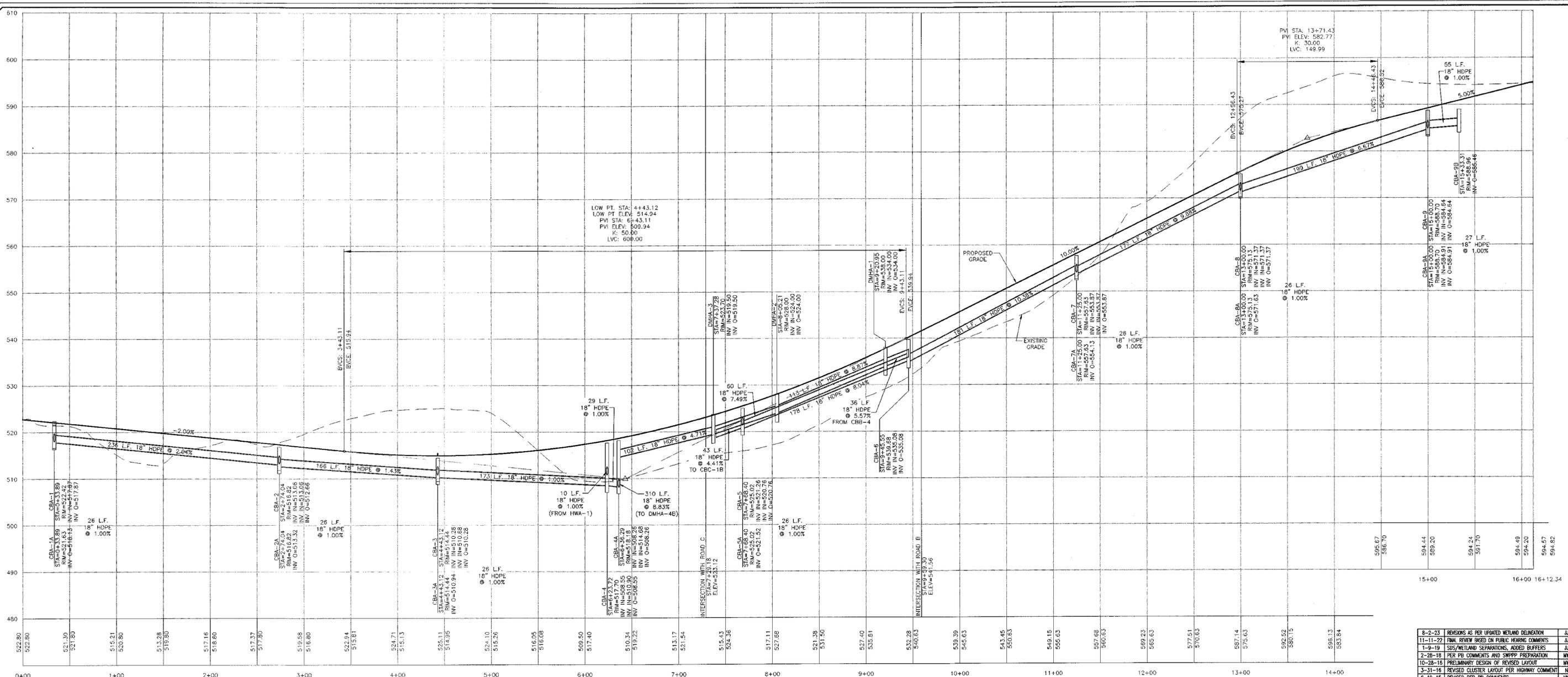
SECTION 12, BLOCK 1, LOT 31
(NOT FOR OCHD REVIEW OR APPROVAL)

DRAWING TITLE

UNAPPROVED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 2709, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

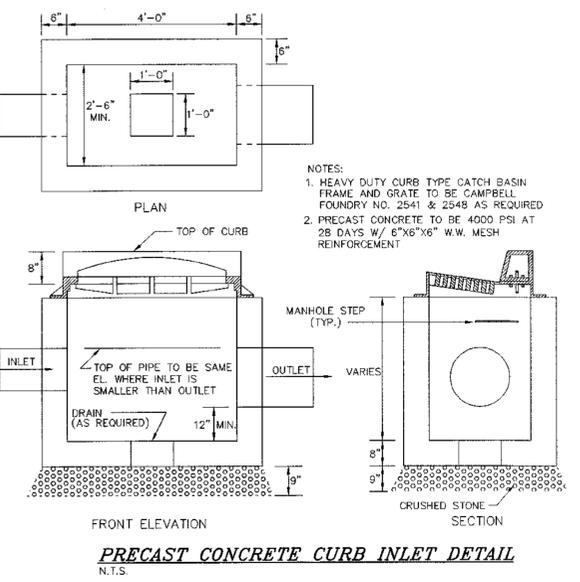
O.C.H.D. SHEET NO.	D.E.C. SHEET NO.	DRAWING NUMBER
N/A OF 7	N/A OF N/A	11 OF 17

SCALE: AS SHOWN CAD REFERENCE: WORKING R1 PROJECT NUMBER: 14118.01

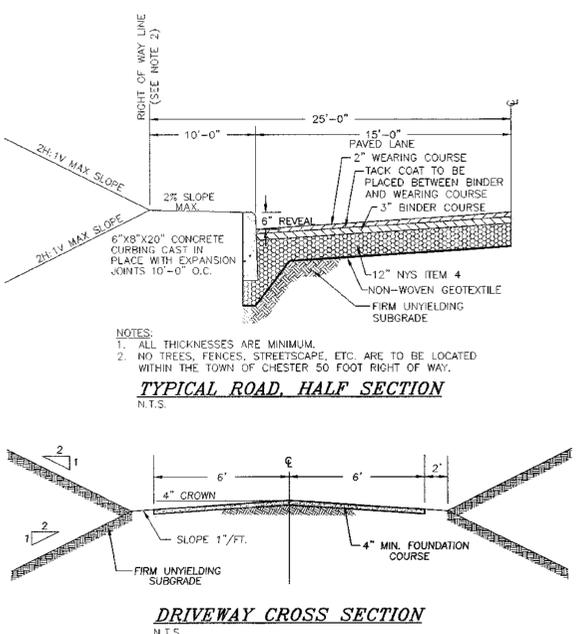


PROPOSED ROAD A PROFILE

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

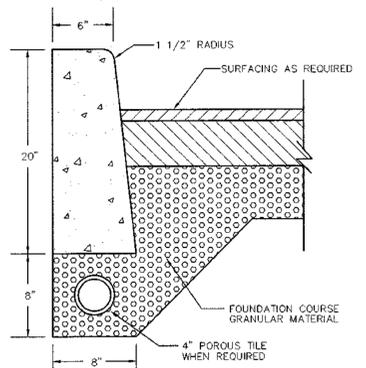


- NOTES:
1. HEAVY DUTY CURB TYPE CATCH BASIN FRAME AND GRATE TO BE CAMPBELL FOUNDRY NO. 2541 & 2546 AS REQUIRED
 2. PRECAST CONCRETE TO BE 4000 PSI AT 28 DAYS W/ 6"x6"x6" W.W. MESH REINFORCEMENT



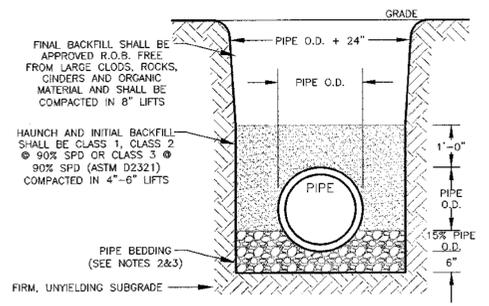
TYPICAL ROAD HALF SECTION
N.T.S.

DRIVEWAY CROSS SECTION
N.T.S.



- NOTES:
1. CURB SHALL BE CAST IN PLACE. EXPANSION JOINTS OF 3/16\"/>

CONCRETE CURB DETAIL
N.T.S.



- NOTES:
1. SOIL CLASSES AS DEFINED IN ASTM D 2487 AND D 2321.
 2. PIPE BEDDING FOR STORM SEWERS SHALL BE CLASS 1 EMBEDMENT MATERIAL OR CLASS 2 OR 3 EMBEDMENT MATERIAL COMPACTED TO 90% STANDARD PROCTOR DENSITY.
 3. PIPE BEDDING FOR WATERMAIN SHALL BE CLASS 1 EMBEDMENT MATERIAL OR SAND.
 4. PARTICLE SIZE IN THE EMBEDMENT ZONE SHALL NOT EXCEED 2\"/>

PIPE BEDDING & BACKFILL DETAIL
N.T.S.

DATE	DESCRIPTION	INITIALS
8-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION	JLP
11-11-22	FINAL REVIEW BASED ON PUBLIC HEARING COMMENTS	JLP
1-9-19	SUS/WETLAND SEPARATIONS, ADDED BUFFERS	JLP
2-28-18	PER PB COMMENTS AND SWPPP PREPARATION	MWS
10-28-15	PRELIMINARY DESIGN OF REVISED LAYOUT	MWS
3-31-16	REVISED CLUSTER LAYOUT PER HIGHWAY COMMENT	NJR
6-19-15	REVISED PER PB COMMENTS	MWS
6-4-14	REVISED ENTRANCE	JLP
6-18-14	ORIGINAL PREPARATION DATE	JLP

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

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2 HAMILTON AVENUE MONTICELLO, NEW YORK 12701 (945) 700-4646

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MICHAEL P. CHERGAN, P.L.S. LICENSE NO. 050223
VINCENT A. PIETRZAK, P.E., LICENSE NO. 076908
P.L.S. LICENSE NO. 060705
N.Y.P.L.S. LICENSE NO. 35396

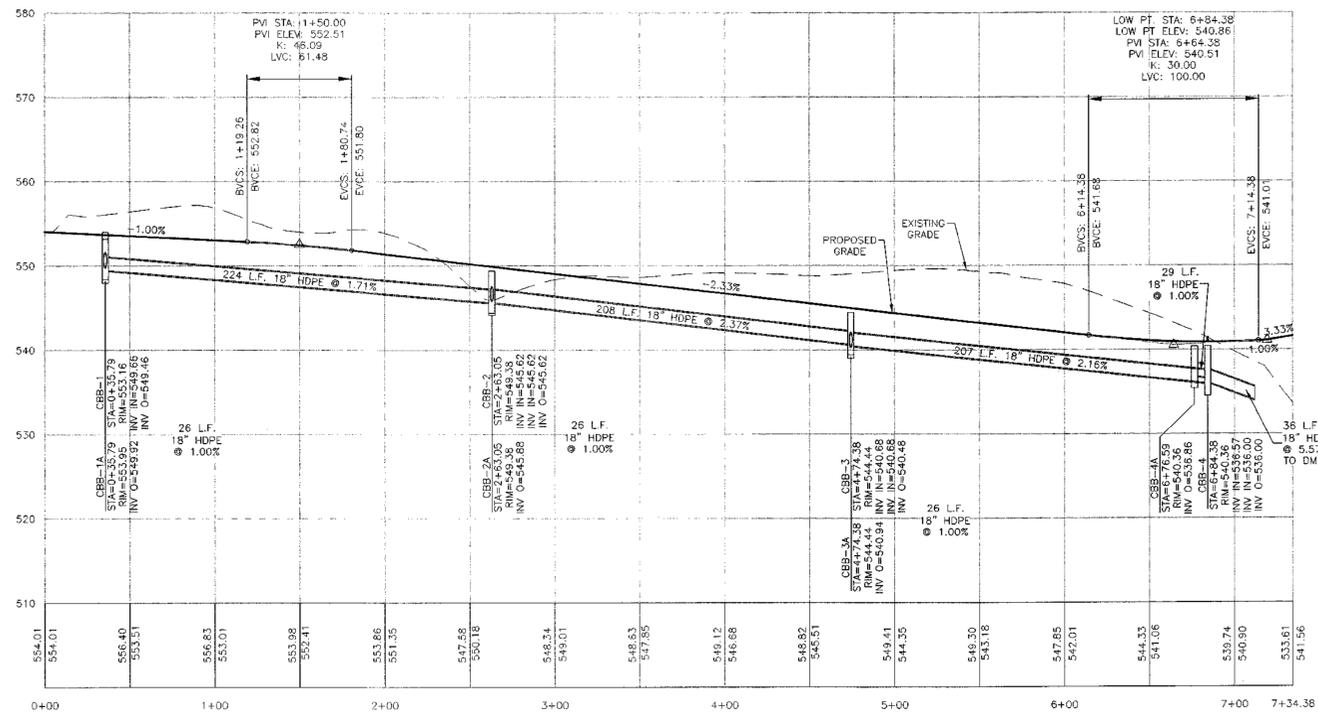
SIGNATURE: _____ DATE: _____

BARODA CLUSTER SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE: **PROFILE SHEET & SITE DETAILS (1)**
SECTION 12, BLOCK 1, LOT 31
(NOT FOR UCHD REVIEW OR APPROVAL)

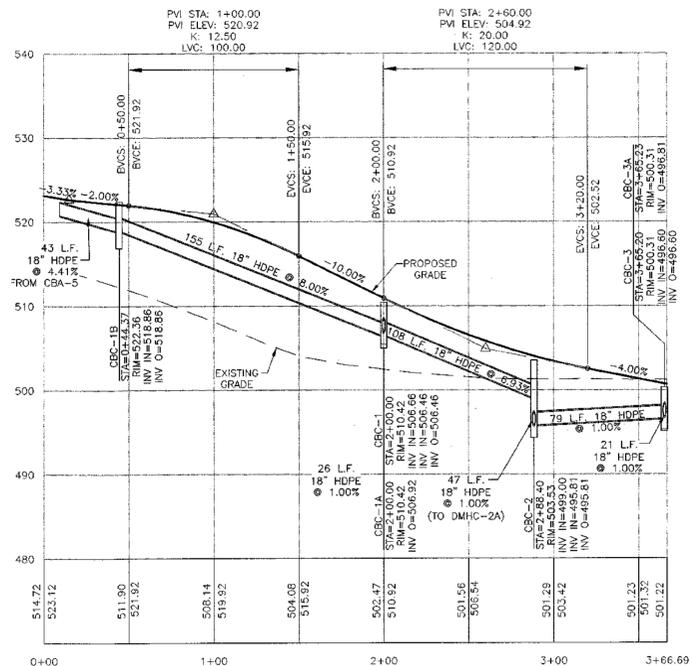
O.C.H.D. SHEET NO. 13 OF 17
SCALE AS SHOWN
D.E.C. SHEET NO. N/A OF N/A
DRAWING NUMBER 14118.01
PROJECT NUMBER 14118.01

RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL



PROPOSED ROAD B PROFILE

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



PROPOSED ROAD C PROFILE

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

NO.	DATE	DESCRIPTION	INITIALS
8-2-23		REVISIONS AS PER UPDATED WETLAND DELINEATION	JLP
11-11-22		RIM REVIEW BASED ON PUBLIC HEARING COMMENTS	JLP
1-3-19		SWS/WETLAND SEPARATIONS, ADDED BUFFERS	JLP
2-28-18		PER PB COMMENTS AND SWPPP PREPARATION	MWS
10-28-16		PRELIMINARY DESIGN OF REVISED LAYOUT	MWS
3-31-16		REVISED CLUSTER LAYOUT PER HIGHWAY COMMENT	NR
8-19-15		REVISED PER PB COMMENTS	MWS
9-1-14		REVISED ENTRANCE	JLP
5-16-14		ORIGINAL PREPARATION DATE	JLP

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

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P.E. LICENSE NO. 076936 (P.L.S. LICENSE NO. 054075)
N.Y.P.L.S. LICENSE NO. 35396

SIGNATURE _____ DATE _____

BARODA CLUSTER
SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

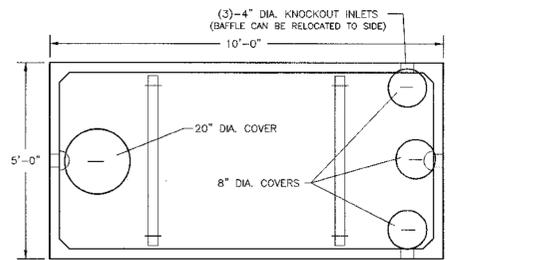
RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL

PROJECT TITLE
PROFILE SHEET & SITE
DETAILS (2)
SECTION 12, BLOCK 1, LOT 31
(NOT FOR OCHD REVIEW OR APPROVAL)

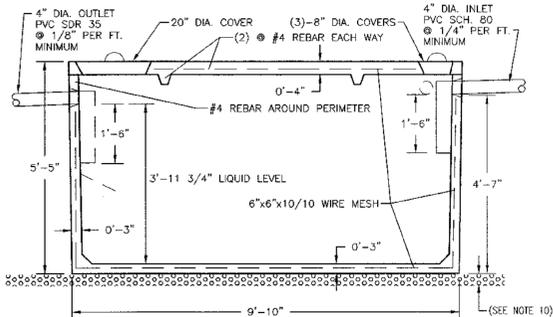
DRAWING TITLE

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 7	D.E.C. SHEET NO. N/A. OF N/A.	DRAWING NUMBER 14 OF 17
SCALE AS SHOWN	CAD REFERENCE WORKING R1	PROJECT NUMBER 14118.01



PLAN



SECTION

NOTES:

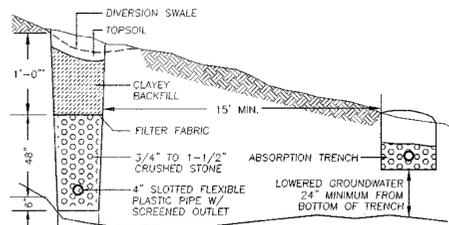
- BUILDING SEWER TO BE SCHEDULE 80 PVC.
- SEPTIC TANK TO BE INSTALLED A MINIMUM OF TEN (10) FEET FROM BUILDING FOUNDATION.
- LOCATION STAKE TO BE SET IN GROUND DIRECTLY ABOVE THE INLET END COVER.
- SEPTIC TANK TO BE COVERED WITH EARTH TO A MINIMUM DEPTH OF 6" AND A MAXIMUM DEPTH OF 12".
- PRECAST CONCRETE TO REACH 4000 PSI STRENGTH @ 28 DAYS.
- TANK CONSTRUCTION JOINTS TO BE SEALED WITH BUTYL RUBBER BASE CEMENT.
- INLET INVERT TO BE 3" HIGHER THAN OUTLET INVERT.
- INLET AND OUTLET JOINTS TO BE SEALED WITH PORTLAND CEMENT GROUT.
- PRECAST CONCRETE SEPTIC TANK TO BE AS MANUFACTURED BY WOODARD'S CONCRETE PRODUCTS, INC. MODEL ST1250 OR EQUAL.
- 3" MINIMUM OF SAND, PEA GRAVEL OR TRENCH AGGREGATE FOR BEDDING.
- SEPTIC TANKS SHOULD BE INSPECTED PERIODICALLY AND PUMPED EVERY 2-3 YEARS.

BAFFLE

(DEFLECTOR ON OUTLET ONLY)

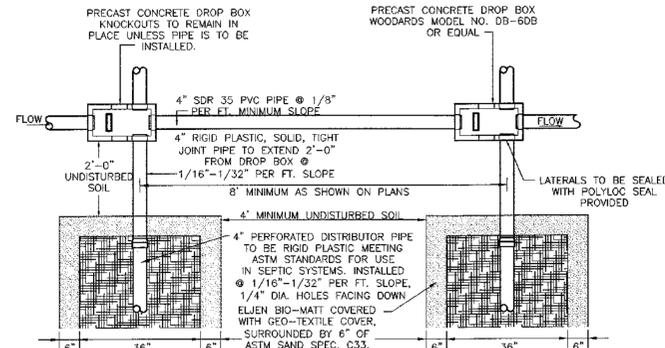
1,250 GALLON SEPTIC TANK DETAIL

N.T.S.



CURTAIN DRAIN DETAIL

N.T.S.



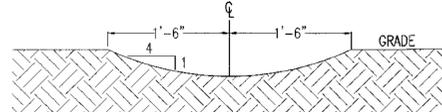
PLAN

NOTES:

- ABSORPTION FIELDS SHALL NOT BE BUILT UNDER DRIVEWAYS, PARTS OF BUILDINGS, OR UNDER ABOVE GROUND POOLS, OR OTHER AREAS SUBJECT TO HEAVY LOADINGS.
- THE SAND BEDDING SHALL BE COVERED WITH THE GEOTEXTILE FABRIC PROVIDED WITH EACH UNIT.
- TRENCHES SHALL NOT BE CONSTRUCTED IN WET SOIL.
- SIDES AND BOTTOM OF TRENCH SHALL BE BAKED IMMEDIATELY PRIOR TO PLACING SAND.
- THE END OF ALL DISTRIBUTOR PIPES SHALL BE PLUGGED.
- HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE FIELD EXCEPT FOR ACTUAL CONSTRUCTION OF THE FIELD. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE AREA OF THE PROPOSED FIELD, BEFORE OR AFTER CONSTRUCTION.
- DISTRIBUTION LATERALS SHALL BE SLOPED AT 1/16" - 1/32" PER FOOT.
- ABSORPTION TRENCH BOTTOM TO BE SET LEVEL.
- DISTRIBUTION LATERALS ARE TO BE SET WITH PERFORATIONS FACING DOWN.

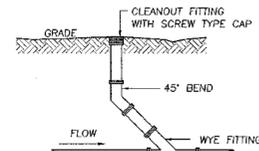
ELJEN IN-DRAIN SYSTEM DROP BOX/ABSORPTION TRENCH DETAIL

N.T.S.



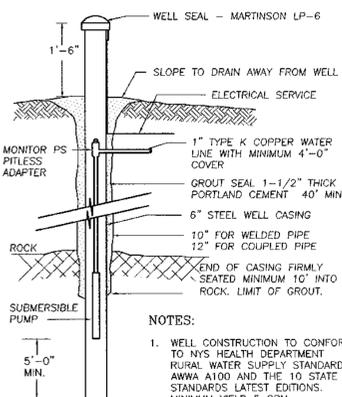
SWALE CROSS SECTION

N.T.S.



CLEANOUT DETAIL

N.T.S.

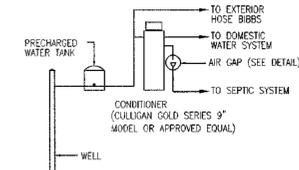


NOTES:

- WELL CONSTRUCTION TO CONFORM TO NYS HEALTH DEPARTMENT RURAL WATER SUPPLY STANDARDS, ARWA 1100 AND THE 10 STATE STANDARDS LATEST EDITIONS. MINIMUM YIELD 5 GPM.
- INSTALL TOP OF CASING MINIMUM 24" ABOVE THE 100 YEAR FLOOD LEVEL.
- ANTICIPATED DEPTHS OF WELL CASINGS ARE 40' AND THROUGH BEDROCK.
- DIAMETER OF DRILL HOLES TO BE 10" - 12" THROUGH OVERBURDEN, AND 6" THROUGH ROCK.
- IF WATER IS ENCOUNTERED AT A DEPTH OF LESS THAN 50 FEET, THE MINIMUM CASING AND REQUIREMENT SHALL BE 50 FEET.

WELL DETAIL

N.T.S.

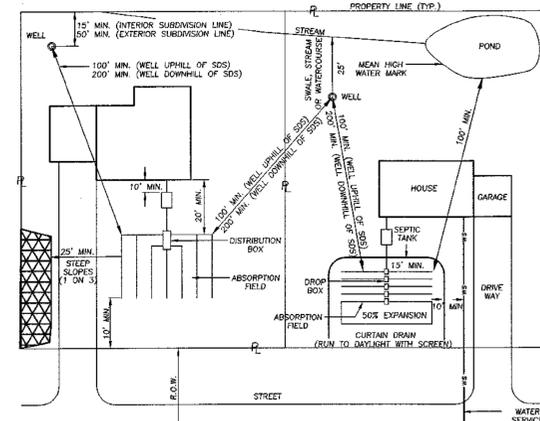


NOTES:

- THE INSTALLATION IS OPTIONAL AND AT THE DISCRETION OF THE HOMEOWNER. INSTALLATION IS ONLY TO BE CONSIDERED IF WELL HARDNESS PROVES TO BE IN EXCESS OF 150 mg/L. IRON LEVELS ARE IN EXCESS OF 0.3 mg/L (MAXIMUM CONTAMINANT LEVEL (MCL)), MANGANESE LEVEL ARE IN EXCESS OF 0.3 mg/L (MCL), OR IRON AND MANGANESE LEVEL ARE IN EXCESS OF 0.5 mg/L (MCL).
- REMOVING HARDNESS AND/OR IRON & MANGANESE BY ION EXCHANGE INCREASES THE SODIUM CONTENT OF WATER AT A RATE OF 46 mg/L OF SODIUM FOR EACH 100 mg/L (6 GRAINS/GAL) OF HARDNESS REMOVED.
- IF INSTALLED, IT MUST BE ACCORDING TO THIS APPROVED DESIGN.
 - EXISTING CONDITIONS
 - N/A MG/L (WORST CASE BASED ON WATER SAMPLES COLLECTED)
 - 1 GR./GAL. = 17.1 MG/L
 - THEREFORE N/A MG/L / 17.1 = N/A GR./GAL
 - EXCHANGE CAPACITY
 - EXCHANGE CAPACITY @ SALT DOSAGE/RECHARGE = 19,086 GRAINS @ 4 LB
 - EXISTING CONDITION = N/A GR./GAL
 - ASSUME ALL LOTS HAVE 4 BEDROOMS.
 - 110 GPD/BEDROOM X 4 BEDROOMS = 440 GPD
 - => 440 GPD X N/A GR./GAL = N/A GRAINS/DAY
 - => 19,086 GRAINS / N/A GR./DAY = N/A DAYS ==> SAY 3 DAYS
 - BACKWASH
 - 35 GALLONS PER BACKWASH AS PER CULLIGAN SPECIFICATION
 - CALCULATE SDS AS 1 WASH PER DAY
 - ALL LOTS: 35 GAL/DAY IN BACKWASH

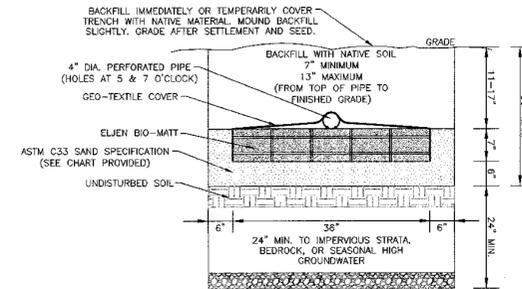
WATER CONDITIONER SCHEMATIC AND DESIGN TABLES

N.T.S.



TYPICAL SEPARATION DISTANCE REQUIREMENTS

N.T.S.



ASTM C33 SAND SPECIFICATION		
SIEVE SIZE	SIEVE SQUARE OPENING SIZE	SPECIFICATION % PASSING (WET SIEVE)
0.375"	9.5 mm	100.0 - 100.0
#4	4.75 mm	95.0 - 100.0
#8	2.36 mm	80.0 - 100.0
#16	1.18 mm	50.0 - 85.0
#30	600 µm	25.0 - 60.0
#50	300 µm	5.0 - 30.0
#100	150 µm	< 10.0
#200	75 µm	< 5.0

ELJEN IN-DRAIN CROSS SECTION DETAIL

N.T.S.

RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL

RESERVED FOR HEALTH DEPARTMENT APPROVAL

DATE	DESCRIPTION	INITIALS
8-2-03	REVISIONS AS PER UPDATED WETLAND DELINEATION	JJP
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11-9-19	SSS/WETLAND SEPARATIONS, ADDED BUFFERS	JJP
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6-16-14	ORIGINAL PREPARATION DATE	JJP

PIETRZAK & PFAU
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JOSEPH L. PFAU P.E.
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WENDELL P. CHEROKEE P.L.S.
LICENSE NO. 056323

VINCENT A. PIETRZAK P.E., P.L.S. LICENSE # 050075
P.E. LICENSE NO. 078608 P.L.S. LICENSE NO. 050075
N.Y.E.L.S. LICENSE NO. 35398

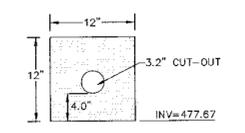
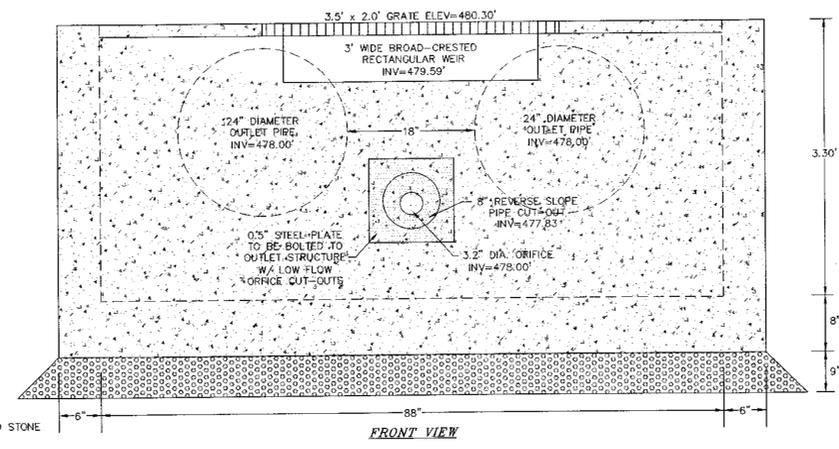
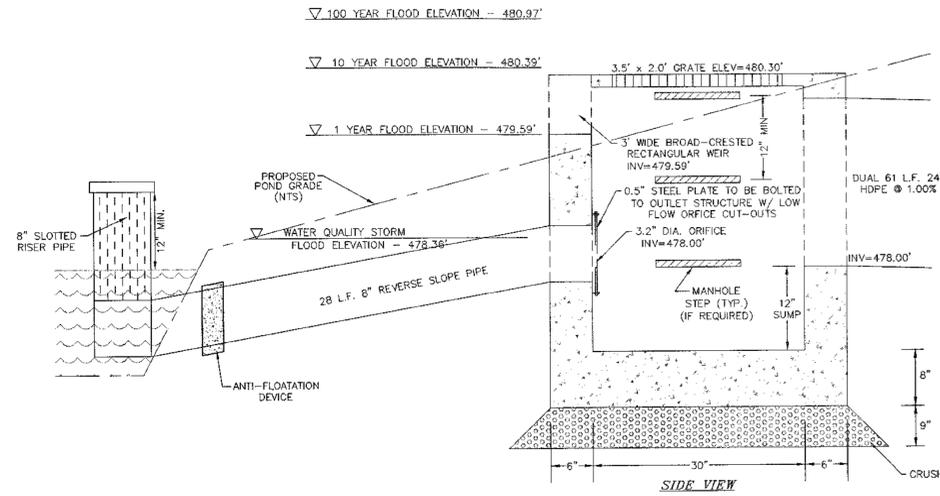
SIGNATURE _____ DATE _____

BARODA CLUSTER SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE
SANITARY & WATER SUPPLY DETAILS (2)
SECTION 12, BLOCK 1, LOT 31

O.C.H.D. SHEET NO.	D.E.C. SHEET NO.	DRAWING NUMBER
7 OF 7	N/A OF N/A	16 OF 17
SCALE AS SHOWN	CAD REFERENCE WORKING R1	PROJECT NUMBER 14118.01

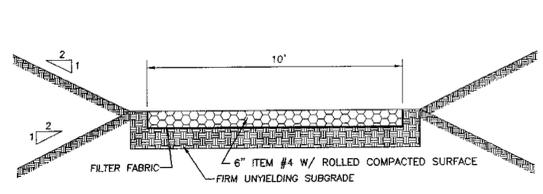
THIS SHEET IS INCOMPLETE AND INVALID WITHOUT EACH AND EVERY OTHER SHEET LISTED IN THE TITLE BOX UNDER THE HEADING O.C.H.D. SHEET NO. 7 OF 7.



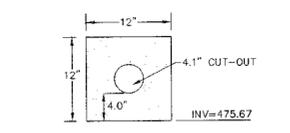
NOTES:
 1. STEEL PLATE IS TO BE 0.5\"/>

PROPOSED STEEL PLATE W/ LOW FLOW ORIFICE CUTOUT FOR OUTLET STRUCTURE 3P
 N.T.S.

PROPOSED OUTLET STRUCTURE 3P DETAIL
 N.T.S.

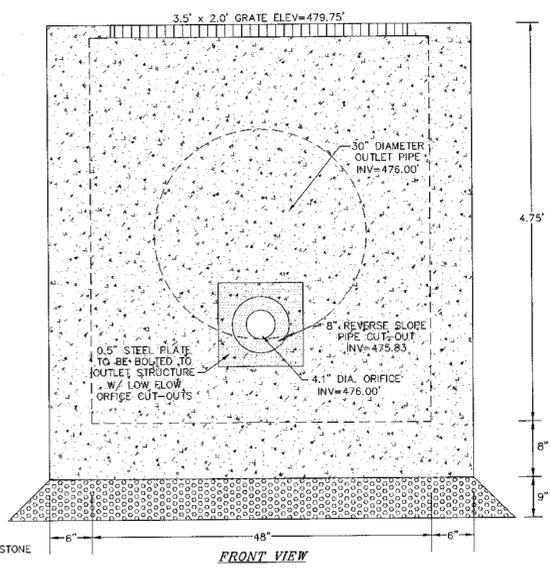
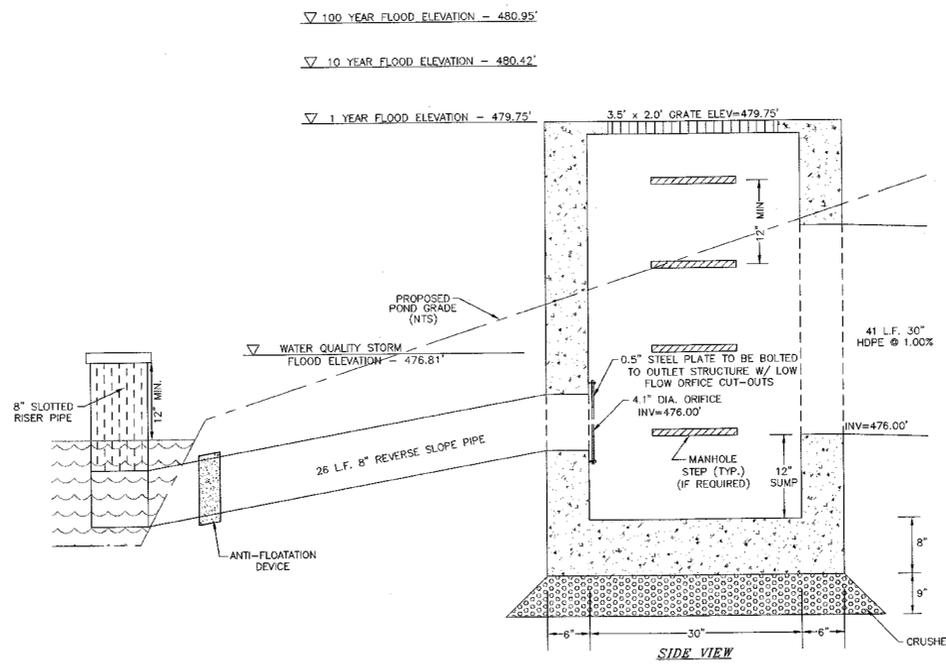


STABILIZED DETENTION POND ACCESS DRIVE DETAIL
 N.T.S.

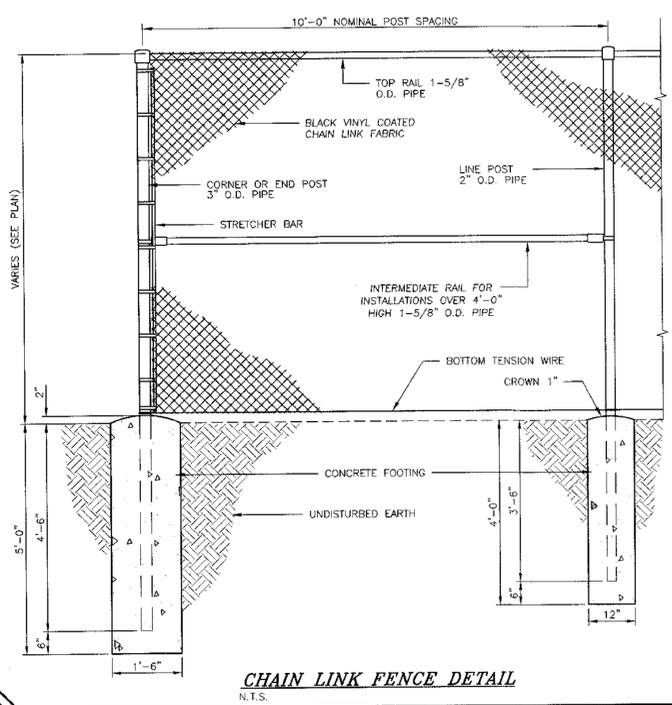


NOTES:
 1. STEEL PLATE IS TO BE 0.5\"/>

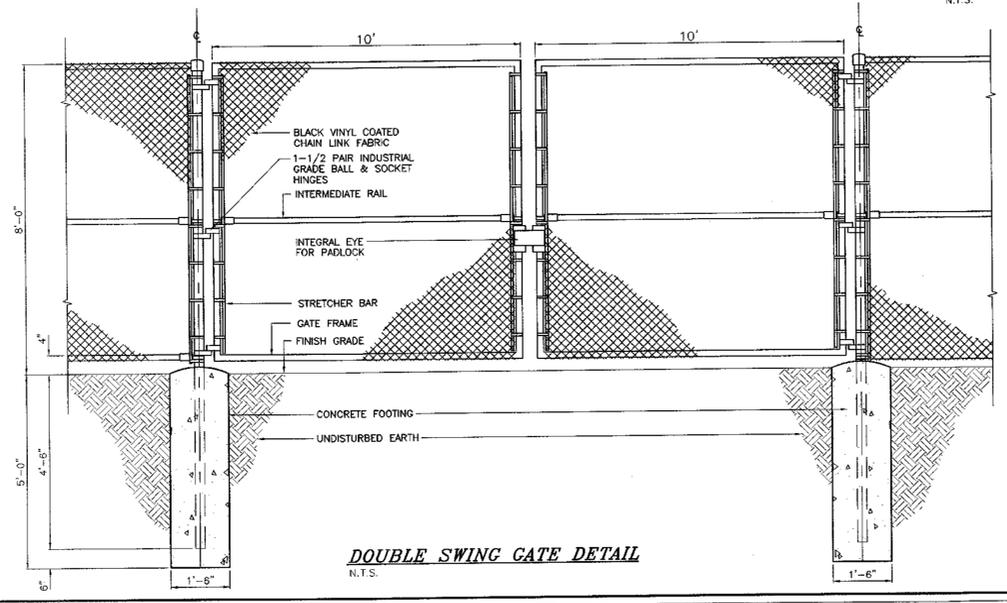
PROPOSED STEEL PLATE W/ LOW FLOW ORIFICE CUTOUT FOR OUTLET STRUCTURE 4P
 N.T.S.



PROPOSED OUTLET STRUCTURE 4P DETAIL
 N.T.S.



CHAIN LINK FENCE DETAIL
 N.T.S.



DOUBLE SWING GATE DETAIL
 N.T.S.

DATE	DESCRIPTION	INITIALS
8-2-23	REVISIONS AS PER UPDATED WETLAND DELINEATION	JJP
11-11-22	FINAL REVIEW BASED ON PUBLIC HEARING COMMENTS	JJP
1-9-19	SDS/WETLAND SEPARATIONS, ADDED BUFFERS	JJP
2-28-18	PER PB COMMENTS AND SWPPP PREPARATION	MWS
10-28-16	PRELIMINARY DESIGN OF REVISED LAYOUT	MWS
3-31-15	REVISED CLUSTER LAYOUT PER HIGHWAY COMMENT	NR
6-19-15	REVISED PER PB COMMENTS	MWS
9-4-14	REVISED ENTRANCE	JJP
6-16-14	ORIGINAL PREPARATION DATE	JJP

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 LICENSE NO. 650323

VINCENT A. PIETRZAK P.E., P.L.S. LEAD/SEP
 P.E. LICENSE NO. 079938 (P.L.S. LICENSE NO. 650475)
 N.Y.P.S. LICENSE NO. 35396

SIGNATURE _____ DATE _____

BARODA CLUSTER SUBDIVISION
 TOWN OF CHESTER
 COUNTY OF ORANGE, NEW YORK

PROJECT TITLE
STORMWATER DETAILS

SECTION 12, BLOCK 1, LOT 31
 (NOT FOR OCHD REVIEW OR APPROVAL)

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 7	D.E.C. SHEET NO. N/A OF N/A	DRAWING NUMBER 17 OF 17
SCALE AS SHOWN	CAD REFERENCE WORKING R1	PROJECT NUMBER 14118.01

RESERVED FOR TOWN OF CHESTER PLANNING BOARD APPROVAL