

9-1-1 ADDRESS CHART	
LOT 1	15 MOUNTAINSIDE DRIVE
LOT 2	31 MOUNTAINSIDE DRIVE
LOT 3	42 MOUNTAINSIDE DRIVE
LOT 4	36 MOUNTAINSIDE DRIVE
LOT 5	30 MOUNTAINSIDE DRIVE
LOT 6	22 MOUNTAINSIDE DRIVE
LOT 7	15 POND SIDE DRIVE
LOT 8	17 POND SIDE DRIVE
LOT 9	25 POND SIDE DRIVE
LOT 10	29 POND SIDE DRIVE
LOT 11	33 POND SIDE DRIVE
LOT 12	32 POND SIDE DRIVE
LOT 13	26 POND SIDE DRIVE
LOT 14	24 POND SIDE DRIVE
LOT 15	32 MOUNTAINSIDE DRIVE
LOT 16	34 MOUNTAINSIDE DRIVE

BULK REQUIREMENTS: ZONE SR-2	
(WITHOUT CENTRAL WATER & SEWER FACILITIES)	
	MINIMUM REQUIRED
LOT AREA (AC.)	1
LOT WIDTH (FT.)	150
FRONT YARD (FT.)	60
REAR YARD (FT.)	60
ONE SIDE YARD (FT.)	30
BOTH SIDE YARDS (FT.)	60
	MAXIMUM ALLOWED
BUILDING HEIGHT (FT.)	35'3 STORY
LOT COVERAGE (%)	15

LEGEND

	EXISTING PROPERTY LINE
	PROPOSED PROPERTY LINE
	EXISTING 10' CONTOUR INTERVAL
	PROPOSED SETBACK LINE
	PROPOSED DWELLING
	PROPOSED SDS (INCLUDING 50% EXP.)
	ASSUMED RIGHT OF WAY LINE
	NYS DEC WETLAND WR-11 LIMIT LINE
	ACOE WETLAND LIMIT LINE
	NYS DEC WETLAND WR-11 ADJACENT AREA LIMIT LINE
	PROPOSED ROOF & FOOTING DRAIN
	PERCOLATION TEST
	OCHD WITNESSED PERCOLATION TEST
	DEEP PIT TEST
	OCHD WITNESSED DEEP PIT TEST
	PROPOSED CLEAN OUT
	PROPOSED CURTAIN DRAIN AND SWALE
	PROPOSED SWALE

GENERAL NOTES:

- PARCEL OF LAND TO BE SUBDIVIDED IS LOCATED IN THE TOWN OF CHESTER, SECTION 7 BLOCK 1 LOT 125.2
- TOTAL AREA OF PARCEL: 59.26± ACRES
- TOTAL NUMBER OF SINGLE FAMILY RESIDENTIAL LOTS PROPOSED: 16
- TOTAL NUMBER OF SINGLE FAMILY RESIDENTIAL LOTS PROPOSED FOR PHASE 1: 8
- TOTAL NUMBER OF SINGLE FAMILY RESIDENTIAL LOTS PROPOSED FOR PHASE 2: 8
- ALL LOTS TO BE SERVED BY INDIVIDUAL WELLS AND SEWAGE DISPOSAL SYSTEMS.
- PARCEL IS WITHIN THE CHESTER SCHOOL DISTRICT
- PARCEL IS LOCATED IN THE SR-2 ZONING DISTRICTS.
- THERE SHALL BE NO STRUCTURES ALLOWED WITHIN THE ORANGE & ROCKLAND UTILITIES EASEMENT.
- THE STORMWATER AND CONVEYANCE FACILITIES SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 98-13 OF THE TOWN OF CHESTER TOWN CODE. THE RESPONSIBILITY FOR THE MAINTENANCE OF THE DETENTION/TREATMENT POND LOCATED ON PROPOSED LOT 15 AND THE SURFACE SAND FILTER LOCATED ON PROPOSED LOT 14 SHALL BE AS SET FORTH IN THE "STORMWATER CONTROL FACILITY MAINTENANCE AGREEMENT". THE "STORMWATER CONTROL FACILITY MAINTENANCE AGREEMENT" MUST BE FINALIZED BETWEEN THE FACILITY OWNER AND THE TOWN OF CHESTER PRIOR TO FINAL SIGNATURE OF THIS PLAN SET BY THE TOWN OF CHESTER PLANNING BOARD CHAIRPERSON.
- THE SUBDIVIDER OR ANY SUBSEQUENT OWNER SHALL NOT BE ENTITLED TO BUILDING PERMIT(S) TO ACCEPTANCE OF THE ROADS AND PUBLIC IMPROVEMENTS INCLUDING BUT NOT LIMITED TO CENTRAL SANITARY DISPOSAL SYSTEMS, CENTRAL WATER SUPPLY SYSTEMS, DRAINAGE, TRANSMISSION LINES, ROADWAY AND RIGHT OF WAY IMPROVEMENTS, DEPICTED ON THE FILED PLAT BY THE TOWN BOARD UNLESS THE TOWN BOARD SHALL HAVE GRANTED A WAIVER HEREOF WHICH SHALL BE SUBJECT TO THE TOWN CONDITIONS AS OUTLINED IN TOWN CODE 59-2.
- PRIOR TO FINAL STAMPING OF PLANS, THE DEVELOPER SHALL FILE WITH THE TOWN CLERK A PERFORMANCE BOND APPROVED AS TO FORM BY THE TOWN ENGINEER AND ACCEPTABLE AS TO CONTENT AND AMOUNT BY THE TOWN BOARD OR SHALL DEPOSIT WITH THE CHIEF FISCAL OFFICER OF THE TOWN ACCEPTABLE NEGOTIABLE GOVERNMENT BONDS, CASH OR CERTIFIED CHECK DRAWN UPON A NATIONAL OR STATE BANK, PAYABLE AT SIGHT TO THE TOWN BOARD, GUARANTEEING:

THAT WITHIN TWO YEARS THE DEVELOPER WILL COMPLETE ALL THE CONSTRUCTION WITHIN THE RIGHT-OF-WAY, INCLUDING ROADWAY, SHOULDERS, CURBS, IF ANY, GUTTERS, STORM DRAINAGE, ETC., AND ALL UTILITIES, INCLUDING HYDRANTS AND HOUSE CONNECTIONS FOR EACH LOT, IN ACCORDANCE WITH THE APPROVED PLANS AND THESE SPECIFICATIONS; AND THAT ALL CLAIMS FOR LABOR AND MATERIALS IN CONNECTION WITH SAID CONSTRUCTION WILL BE PAID IN FULL PRIOR TO OFFERING SAID ROAD FOR DEDICATION TO THE TOWN.

THAT, UPON CERTIFICATION BY THE DEVELOPER'S PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR AND BY THE TOWN SUPERINTENDENT OF HIGHWAYS AND TOWN ENGINEER THAT THE CONSTRUCTION OF THE STREET HAS BEEN COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS, THE DEVELOPER WILL DEDICATE THE COMPLETED STREET TO THE TOWN FOR USE AS A PUBLIC HIGHWAY FREE AND CLEAR OF ALL LIENS AND ENCUMBRANCES. THIS GUARANTEE OF DEDICATION SHALL APPLY TO THE OWNER OF THE PROPERTY AS WELL AS THE DEVELOPER WHERE THE TWO ARE NOT SYNONYMOUS.

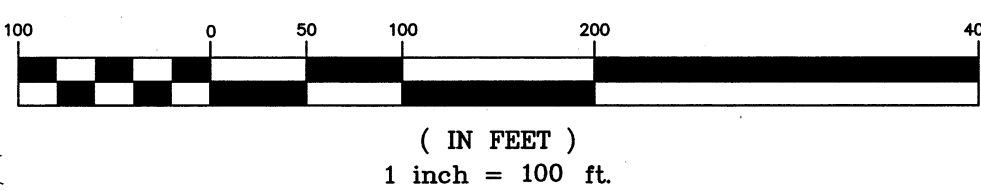
ORANGE COUNTY DEPARTMENT OF HEALTH NOTES:

- NO LOT IS TO BE FURTHER SUBDIVIDED WITHOUT O.C.H.D. REVIEW AND APPROVAL.
- THE PURCHASER OF EACH LOT SHALL BE PROVIDED WITH A COPY OF THE APPROVED PLANS AND AN ACCURATE AS-BUILT DRAWING OF ANY EXISTING SANITARY FACILITIES, INCLUDING **NYSDEC WELL COMPLETION REPORT**. THE PURCHASER SHALL ALSO BE ADVISED OF ANY ROUTINE OR SPECIAL MAINTENANCE PROCEDURES THAT MAY BE NECESSARY (REFER TO PAGES 58-61 OF THE NYSDOH DESIGN HANDBOOK FOR RECOMMENDED ROUTINE OPERATION AND MAINTENANCE ITEMS).
- INDIVIDUAL WELLS AND SEWAGE DISPOSAL SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED FOR HOUSEHOLD DOMESTIC PURPOSES WHEN PUBLIC FACILITIES BECOME AVAILABLE. CONNECTION TO THE PUBLIC SEWER SYSTEM IS REQUIRED WITHIN 1 YEAR OF AVAILABILITY.
- O.C.H.D. PLAN APPROVAL IS LIMITED TO 5 YEARS. TIME EXTENSIONS FOR PLAN APPROVAL MAY BE GRANTED BY O.C.H.D. BASED UPON DEVELOPMENT FACTS AND THE REALTY SUBDIVISION REGULATIONS IN EFFECT AT THAT TIME. A NEW PLAN SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.
- THE APPROVED PLANS MUST BE FILED WITH THE ORANGE COUNTY CLERK'S OFFICE PRIOR TO OFFERING LOTS FOR SALE AND WITHIN 90 DAYS OF THE LAST APPROVAL OF FINAL PLANS.
- ALL EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 200' OF THIS PROJECT HAVE BEEN LOCATED AND ARE SHOWN ON THE PLANS.
- TEST WELLS INDICATE THAT THE AQUIFER WHICH UNDERLIES THIS SUBDIVISION MAY HAVE LEVELS OF CHLORIDE, HARDNESS, IRON AND MANGANESE WHICH EXCEED THE MAXIMUM CONTAMINANT LEVEL (MCL) SET BY THE NEW YORK STATE DEPARTMENT OF HEALTH. LEVELS OF EACH ANALYTE MAY VARY AT DIFFERENT LOCATIONS, THEREFORE EACH WELL SHOULD BE TESTED FOR THE ANALYTES LISTED ABOVE AND TREATMENT INSTALLED AS DESIRED BY THE OWNER, ALTHOUGH NOT DIRECTLY RELATED TO HEALTH ISSUES, THE AESTHETIC QUALITY OF THE WATER MAY BE AFFECTED AND HIGH CHLORIDE LEVELS MAY INCREASE CORROSION OF METAL PARTS OF THE WATER SYSTEM. TREATMENT IS SHOWN ON THE APPROVED PLAN SET.
- NEW YORK STATE SANITARY CODE, PART 5, APPENDIX 5-B REQUIRES A 50% INCREASE IN SEPARATION DISTANCES (OR 50' MINIMUM) WELL CASING IF AQUIFER WATER ENTERS THE WELL LESS THAN 50' BELOW GRADE.

ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTES:

- NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.

GRAPHIC SCALE



PLAN INDEX

SHEET NO.	TITLE
1	COVER SHEET
2	SURVEY SHEET
3	UTILITY PLAN
4	UTILITY PLAN
5	GRADING PLAN
6	GRADING PLAN
7	EROSION CONTROL PLAN
8	LANDSCAPE PLAN
9	PROFILE/SITE & WATER TREATMENT DETAIL SHEET
10	DETAIL SHEET
11	DETAIL SHEET

THIS SHEET IS INVALID UNLESS ACCOMPANIED WITH THE COMPLETE SET OF DRAWINGS TOTALING ELEVEN (11) SHEETS.

AREA = 59.26± ACRES

TAX MAP SEC. 7 BLK. 1 LOT NO. 125.2

FOR HEALTH DEPARTMENT APPROVAL



LOCATION PLAN

SCALE 1"=2000'

SURVEY NOTES:

- UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.
- 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.
- CERTIFICATION 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 CERTIFICATION 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, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
- UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS, IF ANY, ARE NOT SHOWN HEREON.
- REFERENCES: A MAP ENTITLED "PROPERTY SURVEY, LANDS TO BE CONVEYED TO MONROE WIRE AND CABLE CORPORATION", AS PREPARED BY LEO J. CARROLL PE, LS, LAST REVISED OCT. 2, 1989. REFERENCE: DEED LIBER 4223 PAGE 332.
- SUBJECT TO AN UP TO DATE AND ACCURATE TITLE REPORT.
- SUBJECT TO ANY EASEMENTS AND AGREEMENTS, IF ANY.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION NOTES:

- ANY PROPOSED CONSTRUCTION, GRADING, FILLING, EXCAVATING, CLEARING OR OTHER REGULATED ACTIVITY WITHIN THE STATE FRESHWATER WETLAND OR ADJACENT 100 FEET REQUIRES A PERMIT FROM THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION UNDER ARTICLE 24 OF THE ENVIRONMENTAL CONSERVATION LAW (FRESHWATER WETLANDS ACT) PRIOR TO THE COMMENCEMENT OF WORK.

RECORD OWNER / APPLICANT

RIDGEVIEW ESTATES, LLC.
13 HAYES CT. SUITE 101
MONROE, NEW YORK 10950

DATE	DESCRIPTION	INITIALS
6-20-11	PER OCHD & NYS DEC COMMENTS	MWS
5-26-10	PER NYS DEC COMMENTS	MWS
11-11-09	PER OCHD TELE CON COMMENTS	MWS
10-05-09	PER NYS DEC COMMENTS	MWS
4-28-08	PER NYS DEC COMMENTS	MWS
10-23-07	PER H.D. COMMENTS	MWS
10-25-06	PER H.D. COMMENTS	MWS
4-18-06	PER H.D. & NYSDEC COMMENTS	MWS
10-18-05	PER P.B. COMMENTS & OCHD PREP	MWS
5-11-05	PER OCHDPW COMMENTS	MWS
3-1-05	PER P.B. COMMENTS	MWS
1-12-05	PER P.B. COMMENTS	MWS
10-20-04	PER P.B. COMMENTS	MWS
5-19-04	PRELIMINARY DESIGN	MWS
7-31-03	ORIGINAL PREPARATION DATE	SPD

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

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC

282 GREENWICH AVENUE, SUITE A
GOSHEN, NEW YORK 10824
(845) 284-0006

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

JOSEPH J. PIETRZAK
LICENSED PROFESSIONAL ENGINEER
LICENSE NO. 076808
MICHAEL F. PFAU
LICENSED PROFESSIONAL SURVEYOR
LICENSE NO. 33396

6-20-11
DATE

RIDGEVIEW ESTATES
TOWN OF CHESTER
ORANGE COUNTY, NEW YORK

PROJECT TITLE

COVER SHEET

SECTION 7 BLOCK 1 LOT 125.2

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.

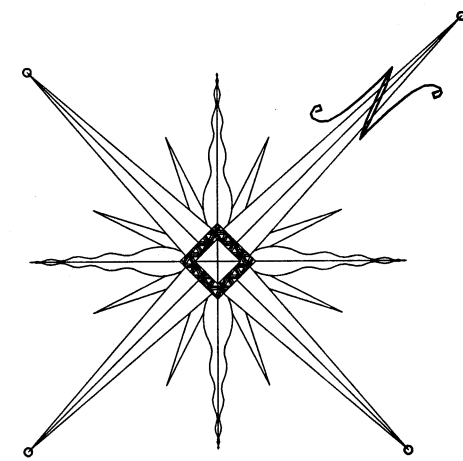
O.C.H.D. SHEET NO. 1 OF 11
D.E.C. SHEET NO. 1 OF 11
DRAWING NUMBER 231580V

SCALE 1"=100' CAD REFERENCE 231580V PROJECT NUMBER 231580V

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. 1 OF 6.

SURVEY NOTES:

1. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE 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. CERTIFICATION 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 CERTIFICATION 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, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
4. UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS, IF ANY, ARE NOT SHOWN HEREON.
5. REFERENCES: A MAP ENTITLED "PROPERTY SURVEY, LANDS TO BE CONVEYED TO MONROE WIRE AND CABLE CORPORATION", AS PREPARED BY LEO J. CARROLL P.E., L.S., LAST REVISED OCT. 2, 1989. REFERENCE: DEED LIBER 4223 PAGE 332.
6. SUBJECT TO AN UP TO DATE AND ACCURATE TITLE REPORT.
7. SUBJECT TO ANY EASEMENTS AND AGREEMENTS, IF ANY.



BULK REQUIREMENTS: ZONE SR-2.5

(WITHOUT CENTRAL WATER & SEWER FACILITIES)	
	MINIMUM REQUIRED
LOT AREA (AC.)	1
LOT WIDTH (FT.)	150
FRONT YARD (FT.)	60
REAR YARD (FT.)	60
ONE SIDE YARD (FT.)	30
BOTH SIDE YARDS (FT.)	60
MAXIMUM ALLOWED	
BUILDING HEIGHT (FT.)	35'/3 STORY
LOT COVERAGE (%)	15

ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTES:

1. NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.

AREA = 59.26± ACRES

TAX MAP SEC. 7 BLK. 1 LOT NO. 125.2

I HEREBY CERTIFY TO THE PARTIES OF INTEREST LISTED BELOW THAT THIS MAP HAS BEEN PREPARED FROM AN ACTUAL FIELD SURVEY COMPLETED IN DECEMBER 2002.

TOWN OF CHESTER

GRAPHIC SCALE



(IN FEET)
1 inch = 100 ft.

THIS SHEET IS INVALID UNLESS ACCOMPANIED WITH THE COMPLETE SET OF DRAWINGS TOTALING ELEVEN (11) SHEETS.

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 6.

6-20-11	NO REVISION	MWS
10-5-10	NO REVISION	MWS
5-26-10	NO REVISION	MWS
11-11-09	NO REVISION	MWS
10-05-09	PER NYS DEC COMMENTS	MWS
4-28-08	PER NYS DEC COMMENTS	MWS
10-23-07	PER H.D. COMMENTS	MWS
10-25-06	PER H.D. COMMENTS	MWS
4-18-06	PER H.D. & NYSDEC COMMENTS	MWS
10-18-05	PER P.B. COMMENTS & OCHD PREP	MWS
5-11-05	PER P.B. COMMENTS	MWS
3-1-05	PER P.B. COMMENTS	MWS
1-12-05	PER P.B. COMMENTS	MWS
10-20-04	PER P.B. COMMENTS	MWS
5-19-04	PRELIMINARY DESIGN	MWS
7-31-03	ORIGINAL PREPARATION DATE	SPD

DATE	DESCRIPTION	INITIALS
REVISIONS		

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

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC
282 GREENWICH AVENUE, SUITE A
GOSHEN, NEW YORK 10924
(845) 294-0006
2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(845) 796-4646

JOSEPH A. PFAU, P.E.
LICENSE NO. 06082
MICHAEL F. CROGAN, P.L.S.
LICENSE NO. 65022
DATE: 6-20-11

RUMBLE ESTATES
TOWN OF CHESTER
ORANGE COUNTY, NEW YORK

PROJECT TITLE

SURVEY SHEET

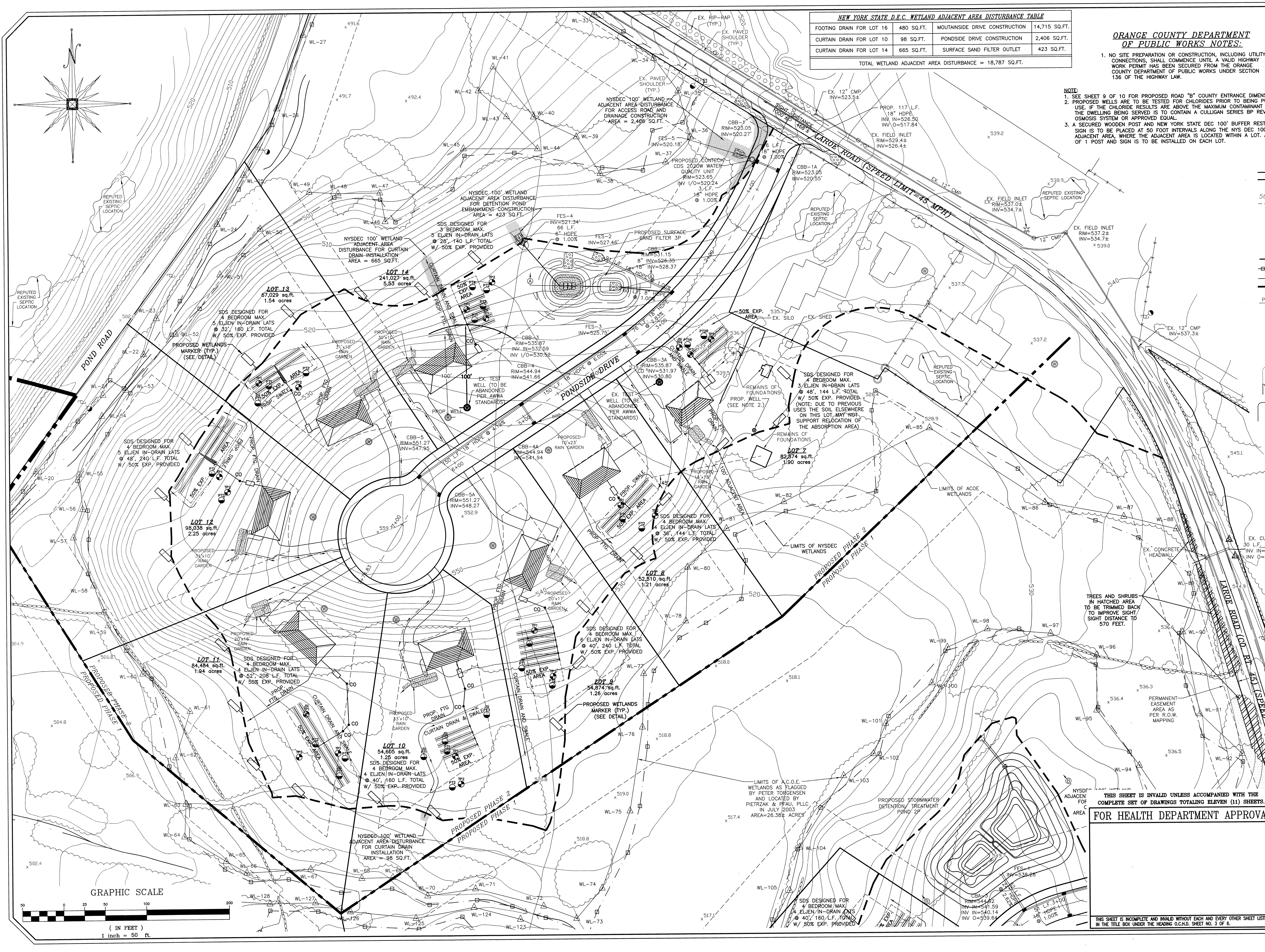
SECTION 7 BLOCK 1 LOT 125.2

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, SUBDIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

O.C.H.D. SHEET NO. 2 OF 6
D.E.C. SHEET NO. 2 OF 11
DRAWING NUMBER 23158.01

SCALE 1"=100' CAD REFERENCE 231585 PROJECT NUMBER 23158.01



NEW YORK STATE D.E.C. WETLAND ADJACENT AREA DISTURBANCE TABLE			
FOOTING DRAIN FOR LOT 16	480 SQ.FT.	MOUNTAIN DRIVE CONSTRUCTION	14,715 SQ.FT.
CURTAIN DRAIN FOR LOT 10	98 SQ.FT.	PONDSIDE DRIVE CONSTRUCTION	2,406 SQ.FT.
CURTAIN DRAIN FOR LOT 14	665 SQ.FT.	SURFACE SAND FILTER OUTLET	423 SQ.FT.
TOTAL WETLAND ADJACENT AREA DISTURBANCE = 18,787 SQ.FT.			

ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTES:
1. NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.

BULK REQUIREMENTS: ZONE SR-2.5	
(WITHOUT CENTRAL WATER & SEWER FACILITIES)	
LOT AREA (AC.)	1
LOT WIDTH (FT.)	150
FRONT YARD (FT.)	60
REAR YARD (FT.)	60
ONE SIDE YARD (FT.)	30
BOTH SIDE YARDS (FT.)	60
MINIMUM REQUIRED	
BUILDING HEIGHT (FT.)	35' 3" STORY
LOT COVERAGE (%)	15

- NOTE:
1. SEE SHEET 9 OF 10 FOR PROPOSED ROAD "B" COUNTY ENTRANCE DIMENSIONS.
2. PROPOSED WELLS ARE TO BE TESTED FOR CHLORIDES PRIOR TO BEING PUT INTO USE. IF THE CHLORIDE RESULTS ARE ABOVE THE MAXIMUM CONTAMINANT LEVEL, THE DWELLING BEING SERVED IS TO CONTAIN A CULLIGAN SERIES BP REVERSE OSMOSIS SYSTEM OR APPROVED EQUAL.
3. A SECURED WOODEN POST AND NEW YORK STATE DEC 100' BUFFER RESTRICTION SIGN IS TO BE PLACED AT 50 FOOT INTERVALS ALONG THE NYS DEC 100' WETLAND ADJACENT AREA, WHERE THE ADJACENT AREA IS LOCATED WITHIN A LOT. A MINIMUM OF 1 POST AND SIGN IS TO BE INSTALLED ON EACH LOT.

LEGEND

- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE
- PROPOSED WELL
- EXISTING 10' CONTOUR INTERVAL
- PROPOSED SETBACK LINE
- PROPOSED DWELLING
- PROPOSED SDS (INCLUDING 50% EXP.)
- ASSUMED RIGHT OF WAY LINE
- NYS DEC WETLAND WR-11 LIMIT LINE
- ACOE WETLAND LIMIT LINE
- NYS DEC WETLAND WR-11 ADJACENT AREA LIMIT LINE
- PROPOSED ROOF & FOOTING DRAIN
- PERCOLATION TEST
- OCHD WITNESSED PERCOLATION TEST
- DEEP PIT TEST
- OCHD WITNESSED DEEP PIT TEST
- PROPOSED CLEAN OUT
- PROPOSED CURTAIN DRAIN AND SWALE
- PROPOSED SWALE

CURTAIN DRAIN INVERT INFORMATION			
LOT #	HIGH POINT ELEV.	TRANSITION POINT ELEV.	OUTLET INV. ELEV.
7	533.40	532.40	530.80
9	529.70	522.00	521.50
10	520.80	519.00	518.70
11	517.00	515.50	515.25
14	529.17	519.20	518.50

6-20-11	PER OCHD & NYS DEC COMMENTS	MWS
10-5-10	PER NYS DEC COMMENTS	MWS
5-26-10	PER NYS DEC COMMENTS	MWS
11-11-09	PER OCHD TELE. CON. COMMENTS	MWS
10-05-09	PER NYS DEC COMMENTS	MWS
4-28-08	PER NYS DEC COMMENTS	MWS
10-23-07	PER H.D. COMMENTS	MWS
10-25-06	PER H.D. COMMENTS	MWS
4-18-06	PER H.D. & NYSDEC COMMENTS	MWS
10-18-05	PER P.B. COMMENTS & OCHD PREP	MWS
5-11-05	PER OCCUP. COMMENTS	MWS
3-1-05	PER P.B. COMMENTS	MWS
1-12-05	PER P.B. COMMENTS	MWS
10-20-04	PER P.B. COMMENTS	MWS
5-19-04	ORIGINAL PREPARATION DATE	MWS
DATE	DESCRIPTION	INITIALS

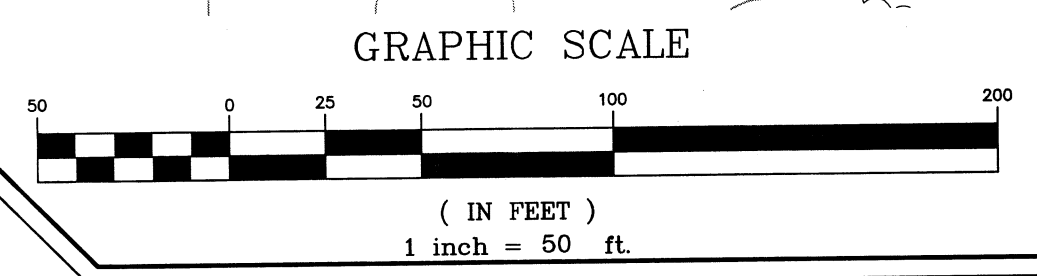
REVISIONS	
MAP CHECK DATE: 00/00/00	INITIALED BY: --

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ENGINEERING & SURVEYING, PLLC
282 GREENWICH AVENUE, SUITE A
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(845) 284-0606
2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(845) 796-6646
JOSEPH L. PIETRZAK P.E.
LICENSE NO. 060606
MICHAEL F. PFAU P.E.
LICENSE NO. 060222
DATE: 6-20-11

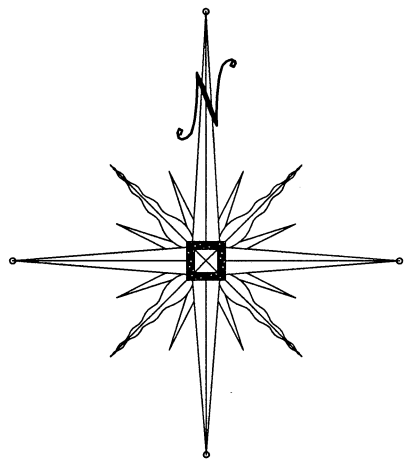
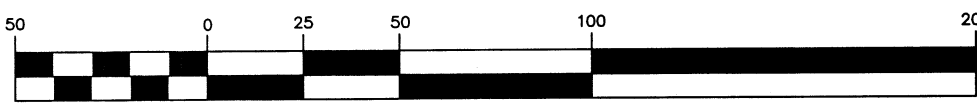
THIS SHEET IS INVALID UNLESS ACCOMPANIED WITH THE COMPLETE SET OF DRAWINGS TOTALING ELEVEN (11) SHEETS.

FOR HEALTH DEPARTMENT APPROVAL

VIEW ESTATES
TOWN OF CHESTER
ORANGE COUNTY, NEW YORK
PROJECT TITLE
UTILITY PLAN
SECTION 7 BLOCK 1 LOT 125.2
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 2029, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.
O.C.H.D. SHEET NO. 3 OF 6
D.E.C. SHEET NO. 3/A OF 3
DRAWING NUMBER 23158.01
SCALE 1"=50'
CAD REFERENCE 23158.01L
PROJECT NUMBER 23158.01



GRAPHIC SCALE



BULK REQUIREMENTS: ZONE SR-2.5 (WITHOUT CENTRAL WATER & SEWER FACILITIES)	
	MINIMUM REQUIRED
LOT AREA (AC.)	1
LOT WIDTH (FT.)	150
FRONT YARD (FT.)	60
REAR YARD (FT.)	60
ONE SIDE YARD (FT.)	30
BOTH SIDE YARDS (FT.)	60
	MAXIMUM ALLOWED
BUILDING HEIGHT (FT.)	35' 3 STORY
LOT COVERAGE (%)	15

ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTES:

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- SEE SHEET 9 OF 10 FOR PROPOSED ROAD "B" COUNTY ENTRANCE DIMENSIONS.
- PROPOSED WELLS ARE TO BE TESTED FOR CHLORIDES PRIOR TO BEING PUT INTO USE. IF THE CHLORIDE RESULTS ARE ABOVE THE MAXIMUM CONTAMINANT LEVEL, THE DWELLING BEING SERVED IS TO CONTAIN A CULLIGAN SERIES BP REVERSE OSMOSIS SYSTEM OR APPROVED EQUAL.
- A SECURED WOODEN POST AND NEW YORK STATE DEC 100' BUFFER RESTRICTION SIGN IS TO BE PLACED AT 50 FOOT INTERVALS ALONG THE NYS DEC 100' WETLAND ADJACENT AREA, WHERE THE ADJACENT AREA IS LOCATED WITHIN A LOT. A MINIMUM OF 1 POST AND SIGN IS TO BE INSTALLED ON EACH LOT.

LEGEND

- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE
- PROPOSED WELL
- EXISTING 10' CONTOUR INTERVAL
- PROPOSED SETBACK LINE
- PROPOSED DWELLING
- PROPOSED SDS (INCLUDING 50% EXP.)
- ASSUMED RIGHT OF WAY LINE
- NYS DEC WETLAND WR-11 LIMIT LINE
- ACOE WETLAND LIMIT LINE
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- PROPOSED ROOF & FOOTING DRAIN
- PERCOLATION TEST
- OCHD WITNESSED PERCOLATION TEST
- DEEP PIT TEST
- OCHD WITNESSED DEEP PIT TEST
- PROPOSED CLEAN OUT
- PROPOSED CURTAIN DRAIN AND SWALE
- PROPOSED SWALE

CURTAIN DRAIN INVERT INFORMATION			
LOT #	HIGH POINT ELEV.	TRANSITION POINT ELEV.	OUTLET INV. ELEV.
7	533.40	532.40	530.80
9	529.70	522.00	521.50
10	520.80	519.00	518.70
11	517.00	515.50	515.25
14	529.17	519.20	518.50

NEW YORK STATE D.E.C. WETLAND ADJACENT AREA DISTURBANCE TABLE			
FOOTING DRAIN FOR LOT 16	480 SQ.FT.	MOUNTAINSIDE DRIVE CONSTRUCTION	14,715 SQ.FT.
CURTAIN DRAIN FOR LOT 10	98 SQ.FT.	PONDSIDE DRIVE CONSTRUCTION	2,406 SQ.FT.
CURTAIN DRAIN FOR LOT 14	665 SQ.FT.	SURFACE SAND FILTER OUTLET	423 SQ.FT.
TOTAL WETLAND ADJACENT AREA DISTURBANCE = 18,787 SQ.FT.			

DATE	DESCRIPTION	INITIALS
6-20-11	PER OCHD & NYS DEC COMMENTS	MWS
5-26-10	PER NYS DEC COMMENTS	MWS
11-11-09	PER OCHD TELE CON COMMENTS	MWS
10-05-09	PER NYS DEC COMMENTS	MWS
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10-23-07	PER H.D. COMMENTS	MWS
10-25-06	PER H.D. COMMENTS	MWS
4-18-06	PER H.D. & NYSDEC COMMENTS	MWS
10-18-05	PER P.B. COMMENTS & OCHD PREP	MWS
5-11-05	PER OCHDPW COMMENTS	MWS
3-1-05	PER P.B. COMMENTS	MWS
10-20-04	PER P.B. COMMENTS	MWS
5-19-04	ORIGINAL PREPARATION DATE	MWS

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

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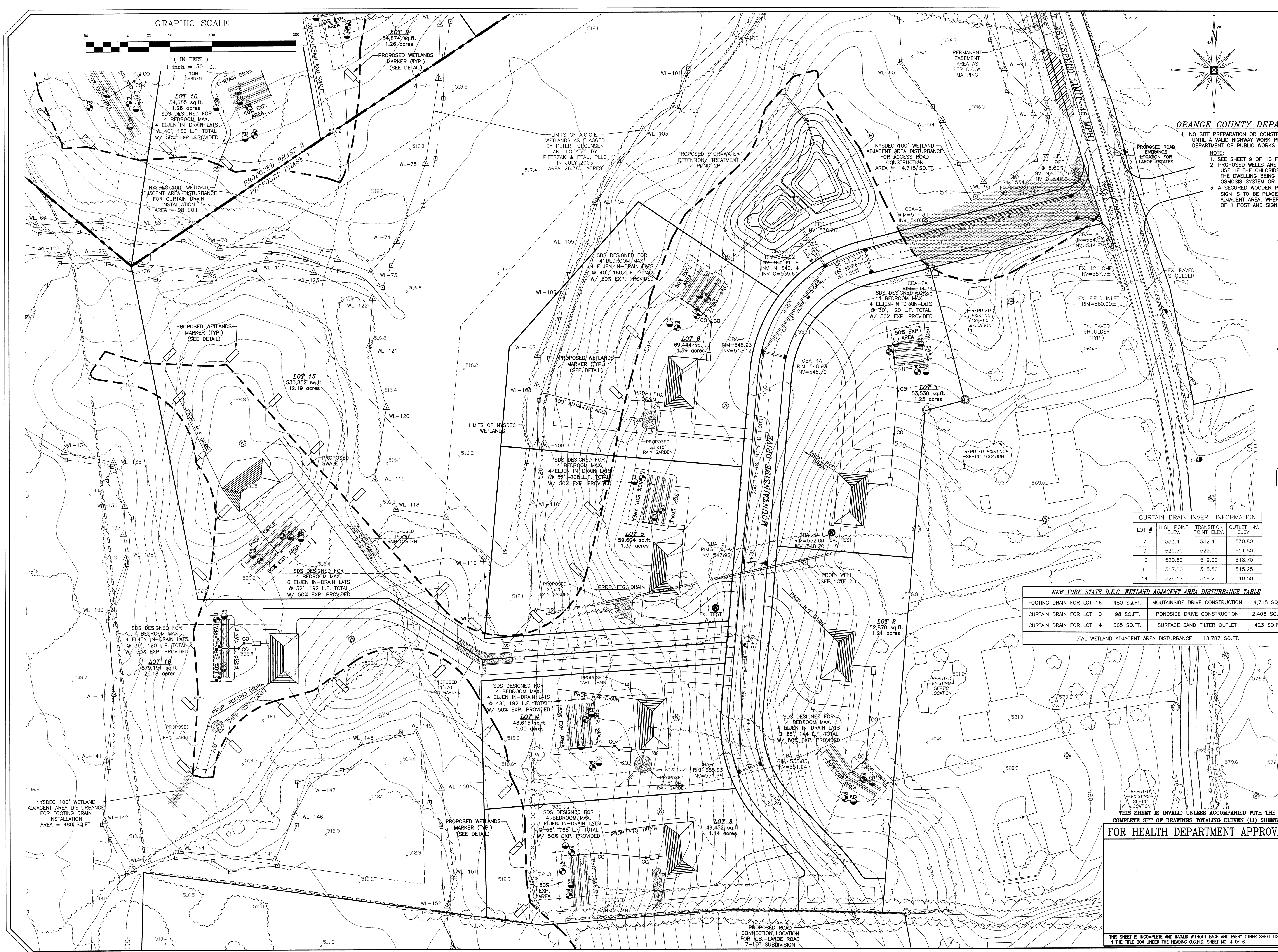
JOSEPH J. PFAU P.E.
LICENSE NO. 06894
MICHAEL P. CHERGAN P.L.S.
LICENSE NO. 06032
PIETRZAK & PFAU, PLLC
LICENSE NO. 07006
P.L.S. LICENSE NO. 06075
N.Y.S. LICENSE NO. 35396

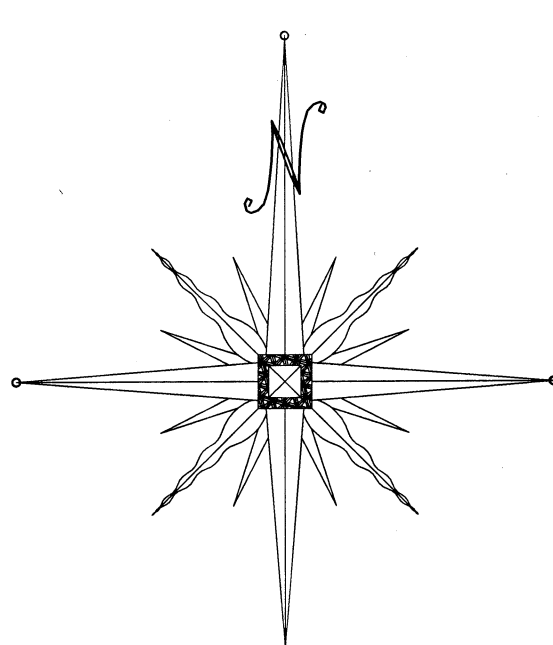
PIETRZAK & PFAU
TOWN OF CHESTER
ORANGE COUNTY, NEW YORK

PROJECT TITLE
UTILITY PLAN
SECTION 7 BLOCK 1 LOT 125.2
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 2206, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.
O.C.H.D. SHEET NO. 4 OF 6
D.E.C. SHEET NO. N/A OF #
DRAWING NUMBER 23158UTL
SCALE 1"=50'
CAD REFERENCE 23158UTL
PROJECT NUMBER 23158.01

THIS SHEET IS INVALID UNLESS ACCOMPANIED WITH THE COMPLETE SET OF DRAWINGS TOTALING ELEVEN (11) SHEETS.
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. 4 OF 6.





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- PROPOSED CURTAIN DRAIN AND SWALE
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- PROPOSED SILT FENCE
- PROPOSED DISTURBANCE LIMIT LINE

NOTE:
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ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTES:
1. NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.

THIS SHEET IS INVALID UNLESS ACCOMPANIED WITH THE COMPLETE SET OF DRAWINGS TOTALING ELEVEN (11) SHEETS.

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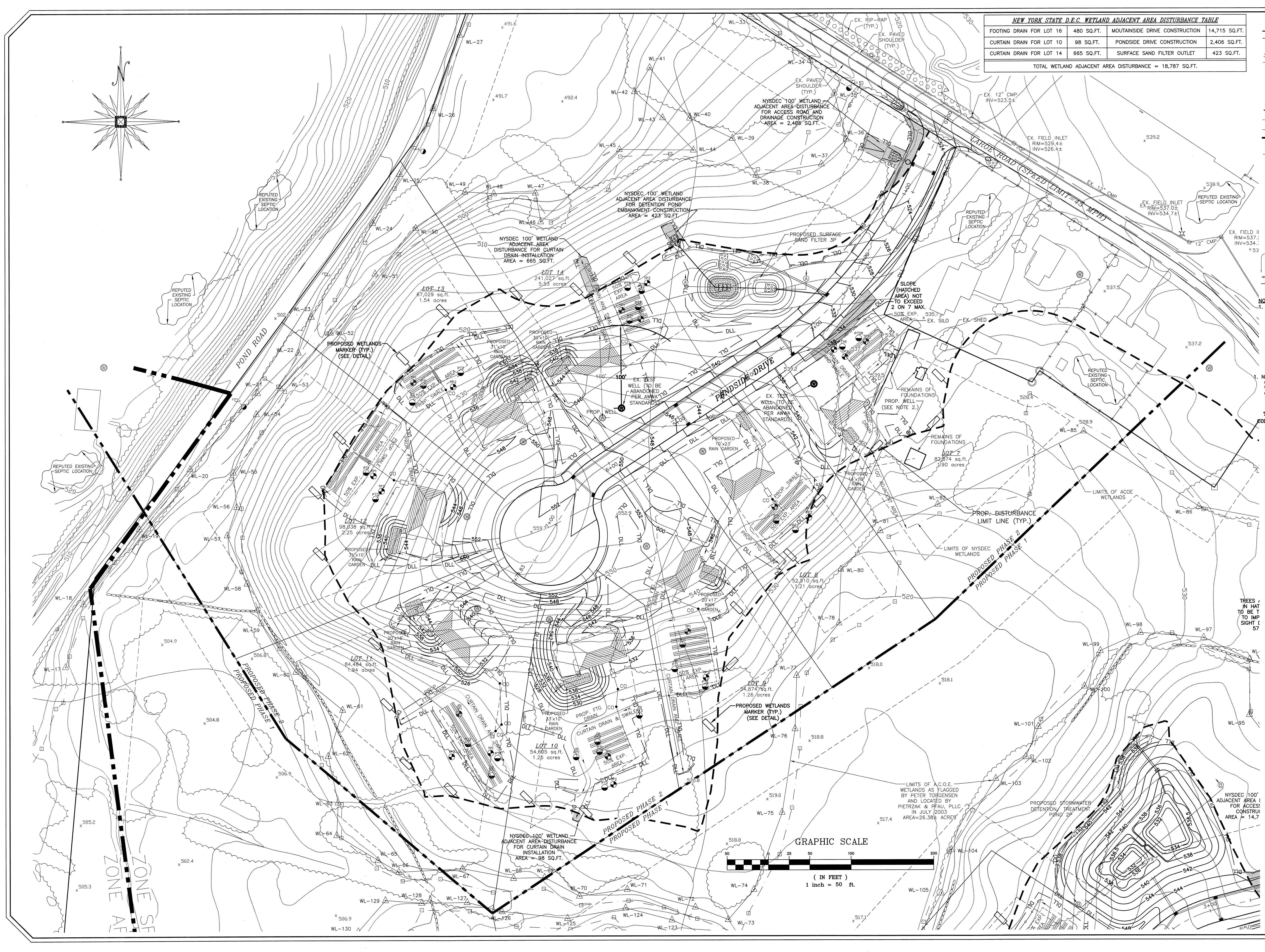
DATE	DESCRIPTION	INITIALS
REVISIONS		
MAP CHECK DATE: 00/00/00 INITIALED BY: --		

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(845) 796-4846

JOSEPH J. PFAU, P.E.
LICENSE NO. 07608
MICHAEL F. CROSBY, P.E.
LICENSE NO. 05023
STATE OF NEW YORK
EXPIRATION DATE 12/31/11
DATE 6-20-11

REVIEW ESTATES
TOWN OF CHESTER
ORANGE COUNTY, NEW YORK
PROJECT TITLE

GRADING PLAN
(NOT FOR OCHD REVIEW OR APPROVAL)
SECTION 7 BLOCK 1 LOT 125.2
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 1 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 5 OF 11
SCALE 1"=50' CAD REFERENCE 23158GRADE PROJECT NUMBER 23158.01





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MICHAEL F. CROGAN, P.E.
LICENSE NO. 050823

STATE OF NEW YORK
OFFICE OF ENGINEERING
EXPIRATION DATE: 12/31/11

NEW ESTATES
TOWN OF CHESTER
ORANGE COUNTY, NEW YORK

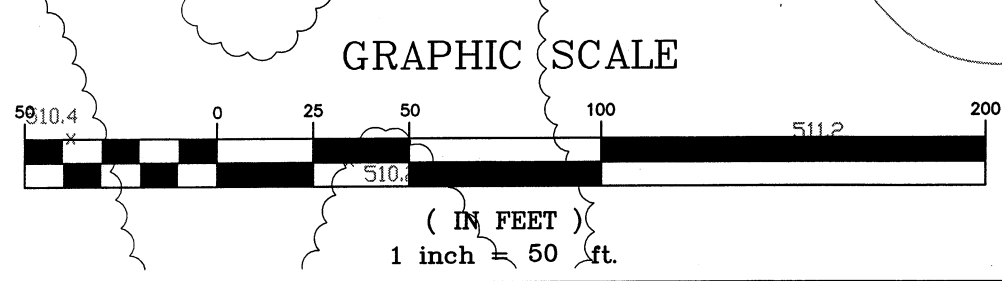
PROJECT TITLE

GRADING PLAN
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SECTION 7 BLOCK 1 LOT 125.2

DRAWING TITLE

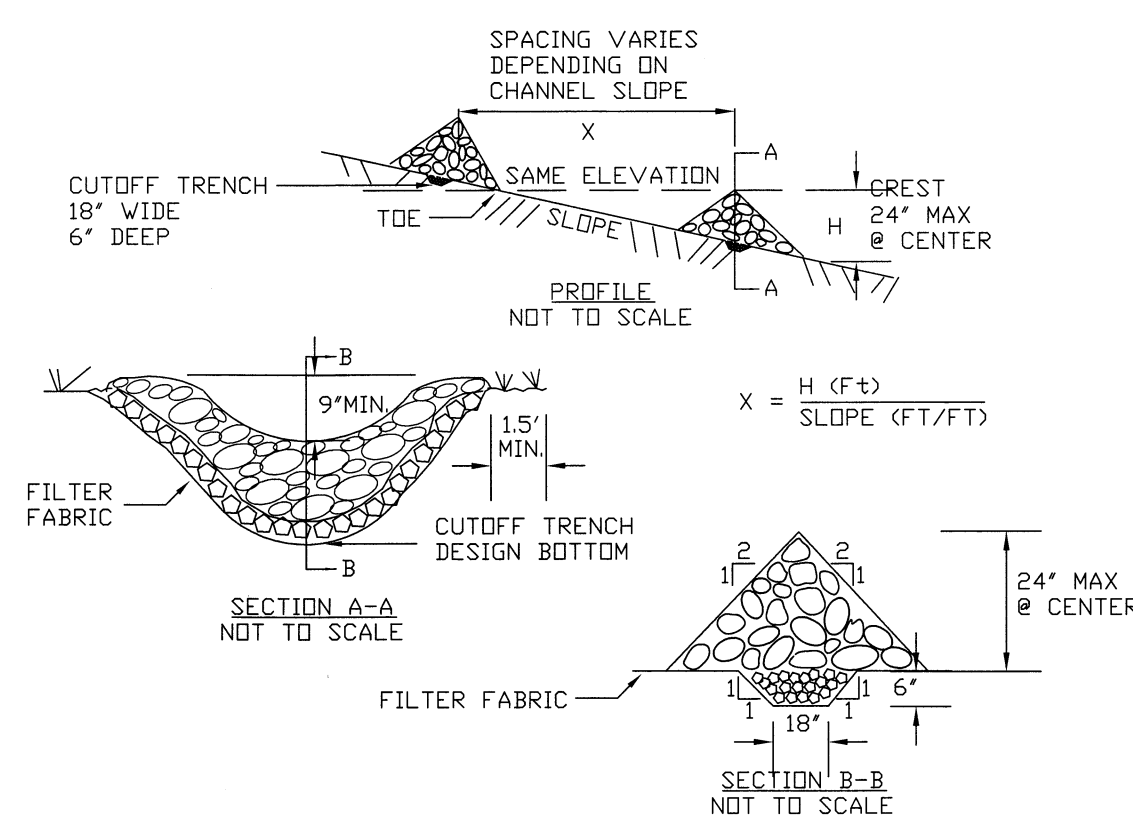
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O.C.H.D. SHEET NO. N/A OF #	D.E.C. SHEET NO. 6 OF 11	DRAWING NUMBER
SCALE 1"=50'	CAD REFERENCE 23158GRADE	PROJECT NUMBER 23158.01

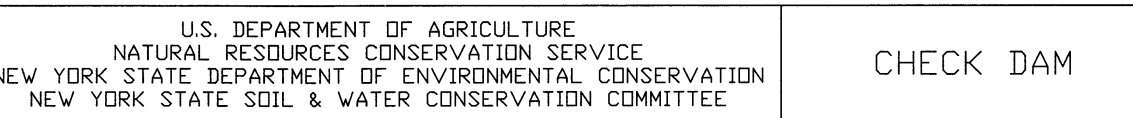


MEASURES SHALL BE TAKEN TO PREVENT SOIL EROSION DURING PROJECT CONSTRUCTION. ALL FRESHLY DISTURBED AREAS THAT WILL REMAIN DISTURBED FOR MORE THAN A PERIOD OF FOURTEEN (14) DAYS SHALL BE STABILIZED BY TEMPORARY SEEDING AS INDICATED ON THE TEMPORARY SEEDING SCHEDULE. DISTURBED AREAS SHALL BE MINIMAL IN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

4. PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES, THE LIMITS OF CLEARING AND GRADING SHALL BE DETERMINED. FILTER FABRIC SEDIMENTATION BARRIERS (SILT FENCE) SHALL BE PLACED ALONG DOWNDRAINAGE PERMITS AND TYPE "A" DIVERSION SWALES (WHICH ARE WHERE SILT FENCE IS INDICATED AS TO BE INSTALLED "PRIOR TO CONSTRUCTION" ON THE APPROVED PLANS. INSTALLATION IS TO BE COMPLETED PRIOR TO COMMENCING CONSTRUCTION OF THE UPTHEASTREAM.
5. 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 STANDARD CONSTRUCTION ENTRANCE DETAIL.
6. 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 MULCHING DISSEMINATED WITHIN 14 DAYS OF EXPOSURE.
7. 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 CHECK DAMS. AREAS NOT TO BE GRADED OR INSTALLED SHALL BEGIN AT DOWNSTREAM PORTIONS OF THE SITE THEN WORKING UPTHEAST.
8. IMMEDIATELY AFTER COMPLETION OF ROUGH GRADING, REMAINING TEMPORARY EROSION CONTROL SHALL BE INSTALLED AS SPECIFIED ON THE APPROVED PLANS. THIS INCLUDES ANY REMAINING SILT FENCE AND TYPE "A" DIVERSION SWALES (WITH CHECK DAMS APPLICABLE). AREAS NOT REQUIRING FURTHER EARTHWORK SHALL BE FINE GRADED, TOPSOILED, AND STABILIZED AS EARLY AS POSSIBLE.
9. ANY PROPOSED STORM DRAINAGE SHALL BE INSTALLED AND INCORPORATED AS SPECIFIED ON THE APPROVED PLANS. STORM DRAINAGE COMPONENTS SHALL BE PROTECTED FROM SILTATION AS INDICATED.
10. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, REMAINING AREAS SHALL BE RESEED, REGRASS, AND STABILIZED. PERMANENT VEGETATION AND LANDSCAPING SHALL BE ESTABLISHED.
11. TEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED ONCE UPTHEAST AREAS HAVE BEEN PERMANENTLY STABILIZED. REMOVAL OF TEMPORARY EROSION CONTROL DEVICES SHALL BE COMPLETED ON MOST UPTHEAST PORTIONS OF THE SITE THEN WORKING DOWNSTREAM.
12. ALL NEWLY SEEDD VEGETATIVE COVER SHALL BE MAINTAINED. WASHOUTS OR POORLY GRADING AREAS SHALL BE CORRECTED AS THEY OCCUR.

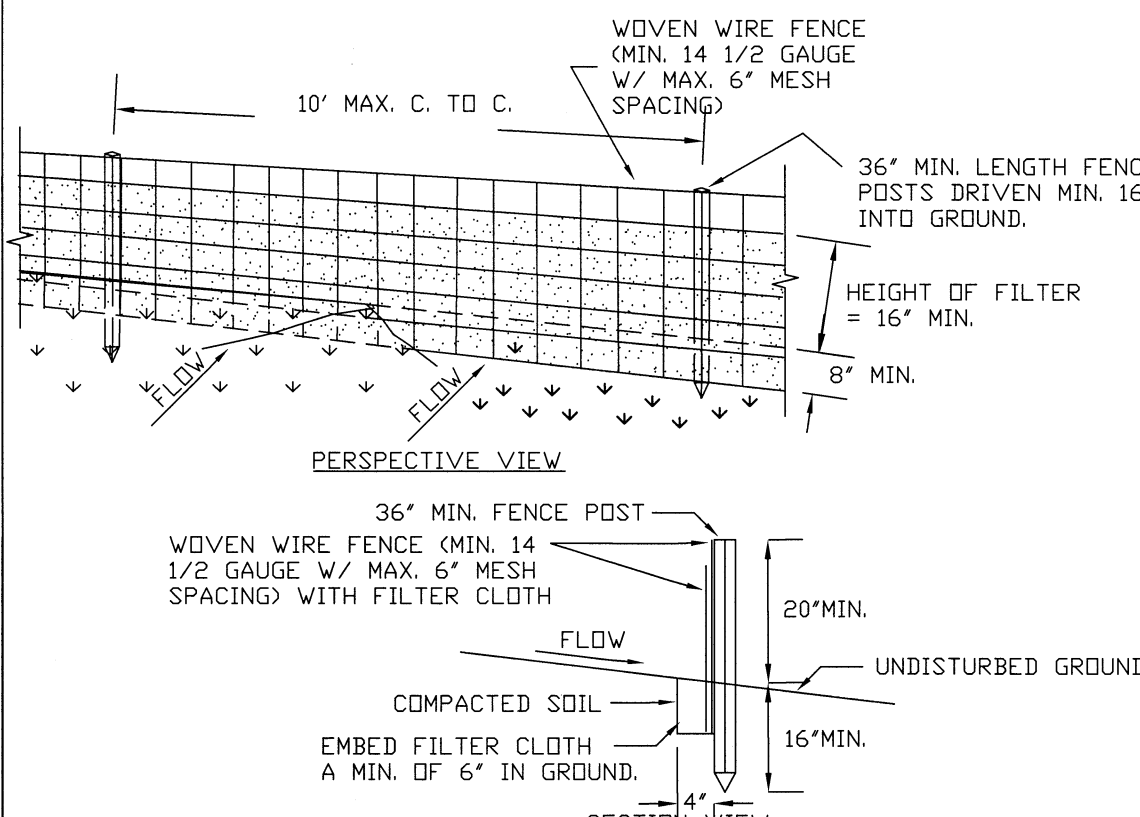
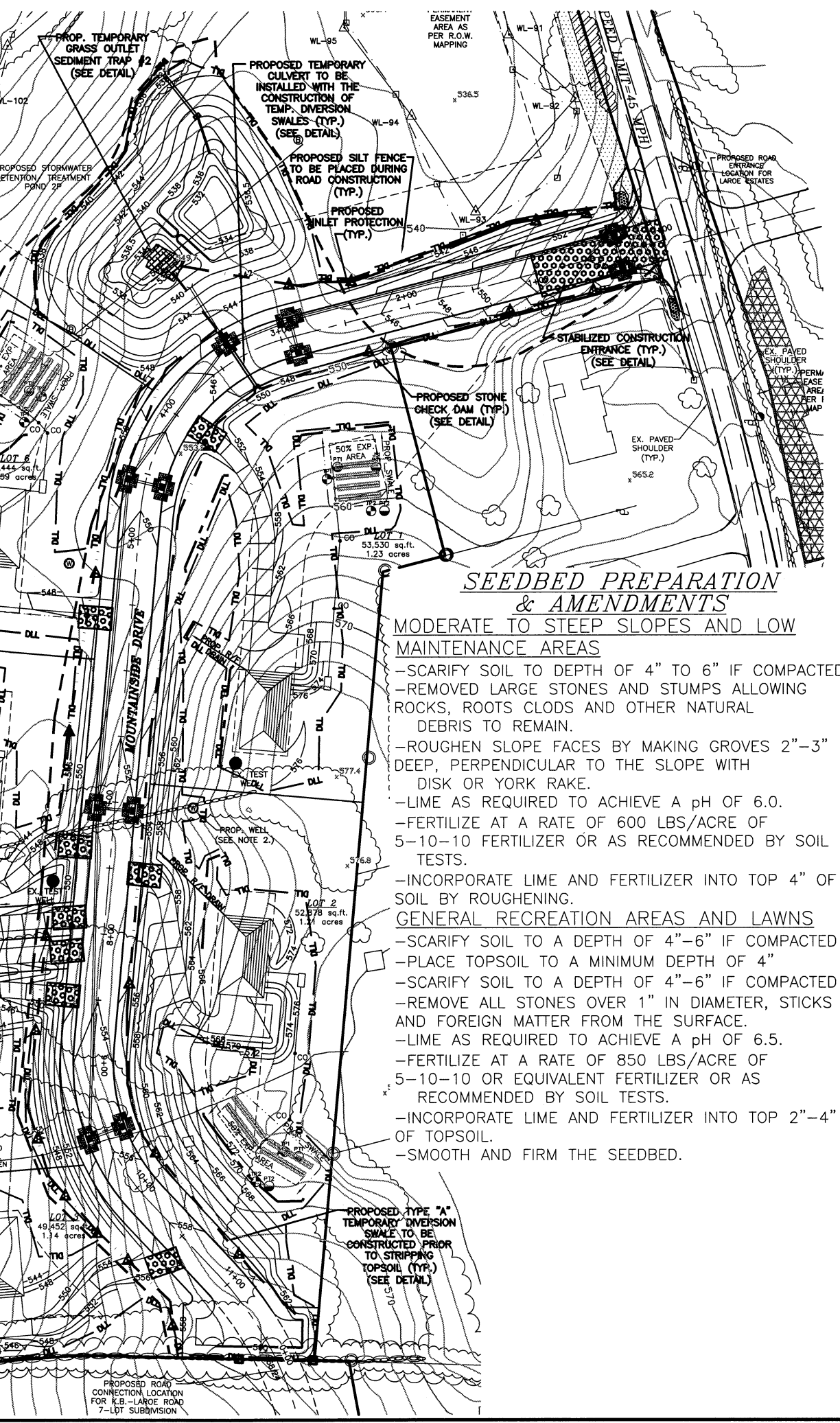


1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
2. SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST AND THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STONE A MINIMUM OF 15 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR GRASS PLANTING AS APPROPRIATE.
5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA 2 ACRES.

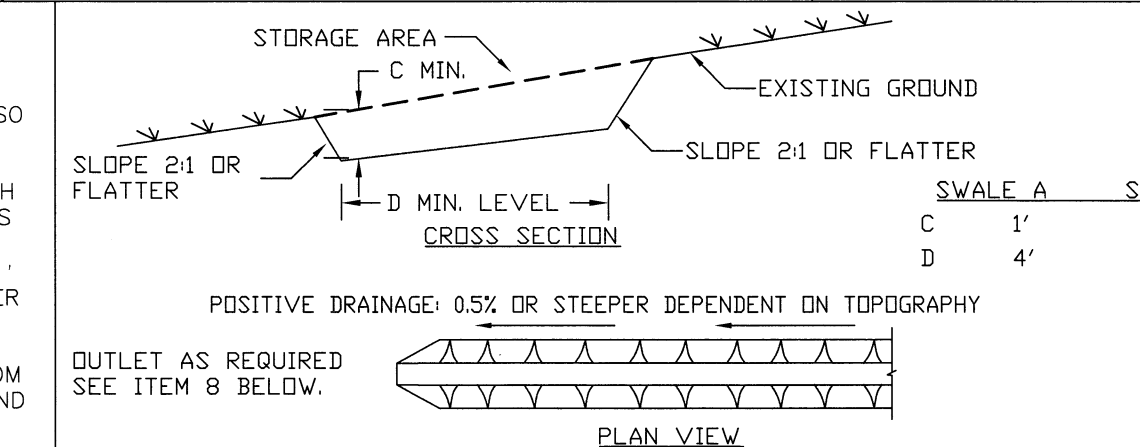
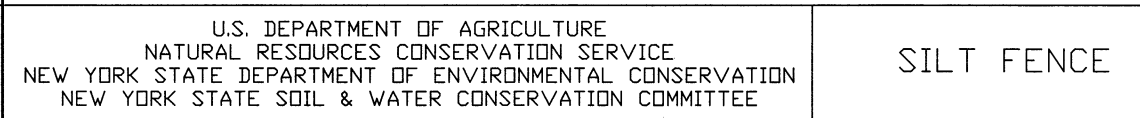


- THE MAINTENANCE OF EROSION CONTROL DEVICES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE JOB SUPERINTENDENT WILL MONITOR THE CONDITION OF ALL THE DEVICES.
- REPLACE STRUCTURES AS WELL AS CLEANING AND MAINTENANCE DEVELOPER WILL ALSO BE SUBJECT TO THE DISCRETION OF THE DESIGN ENGINEER AND TOWN REPRESENTATIVES 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 IF CONDITIONS MAY ARISE.
- 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 THEREFROM 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.

- 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.



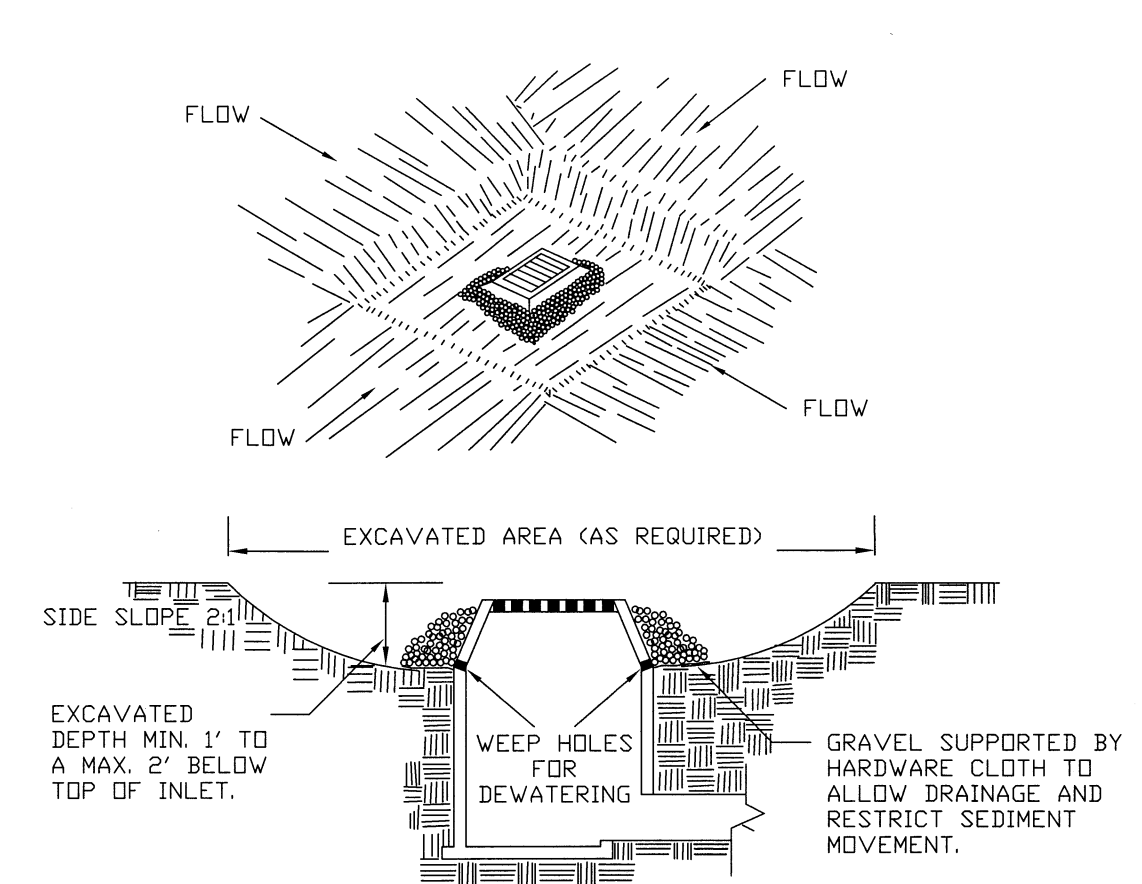
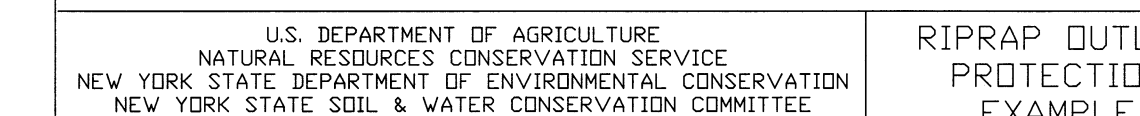
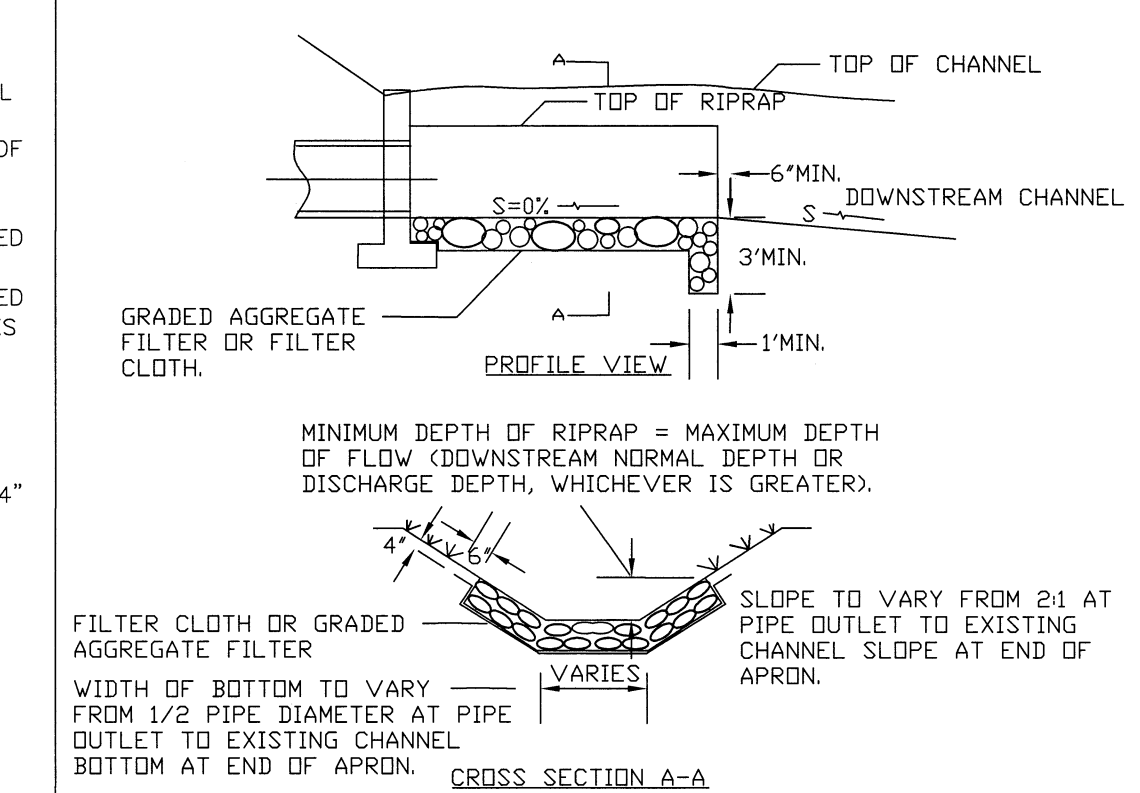
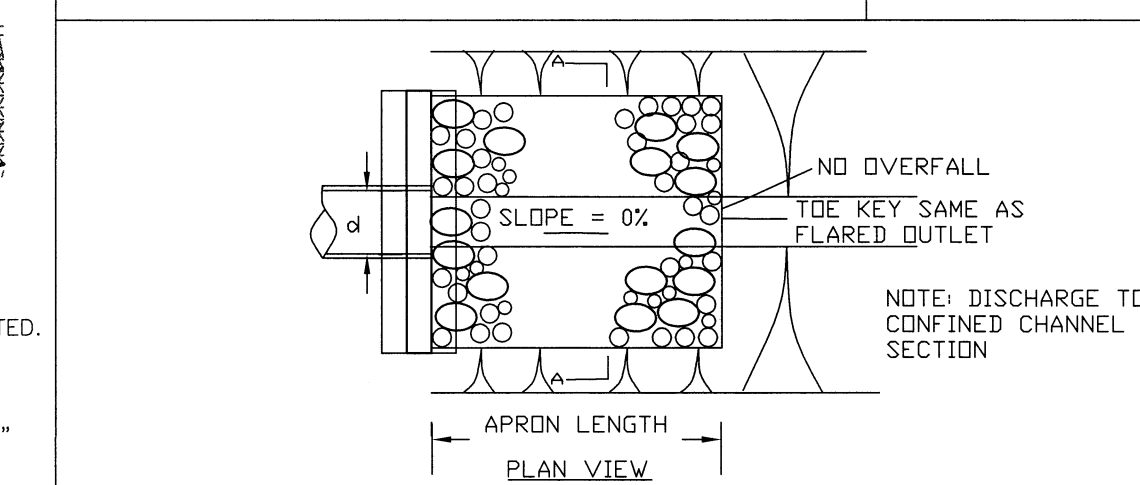
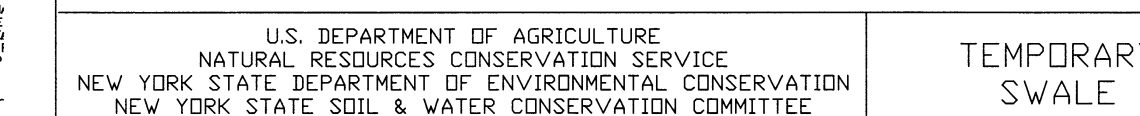
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE,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



1. ALL TEMPORARY SWALES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY.
4. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF A SWALE.
5. 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 IMPEDE NORMAL FLOW.
6. FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
7. ALL EARTH REMOVED AND NOT NEEDED FOR CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
8. STABILIZATION SHALL BE AS PER THE FLOW CHANNEL STABILIZATION CHART BELOW.

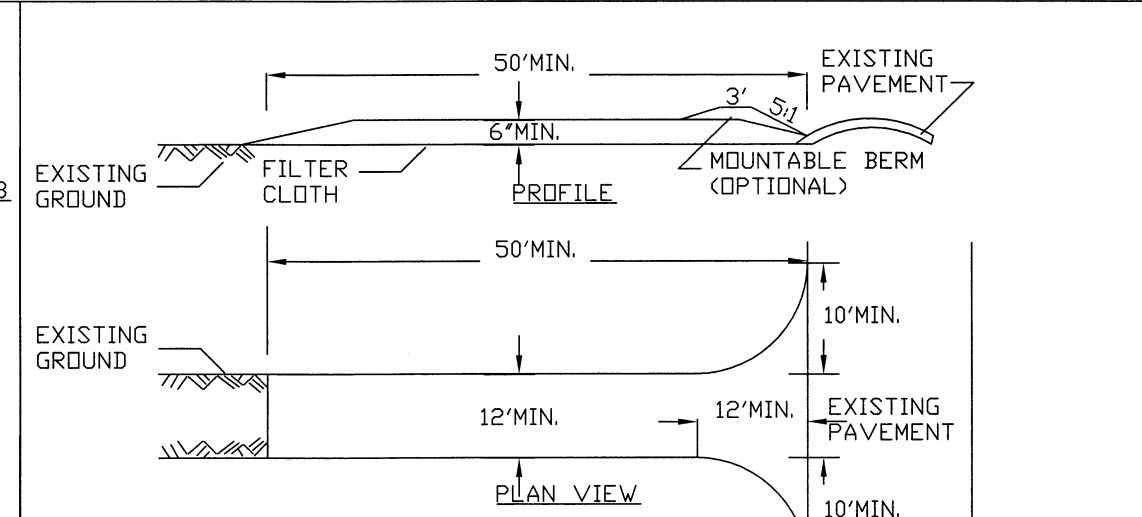
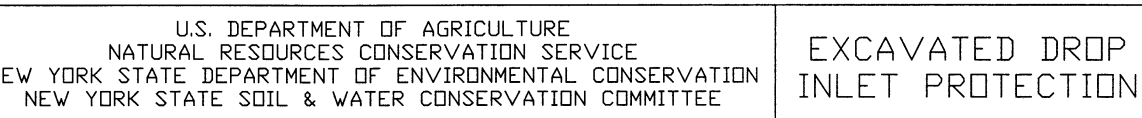
TYPE OF TREATMENT	CHANNEL GRADE	A/G (AC, R/L) OR LESS	B/G AC - (10AC)
1	0.5-3.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0%	SEED AND STRAW MULCH	SEED USING JUTE EXCELSIDR
3	5.1-8.0%	SEED WITH JUTE OR EXCelsior, SDD	LINED WITH 4" 8" RIP-RAP OR RECYCLED CONCRETE EQUIVALENT
4	8.1-20%	LINED WITH 4" 8" RIP-RAP	ENGINEERED DESIGN

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

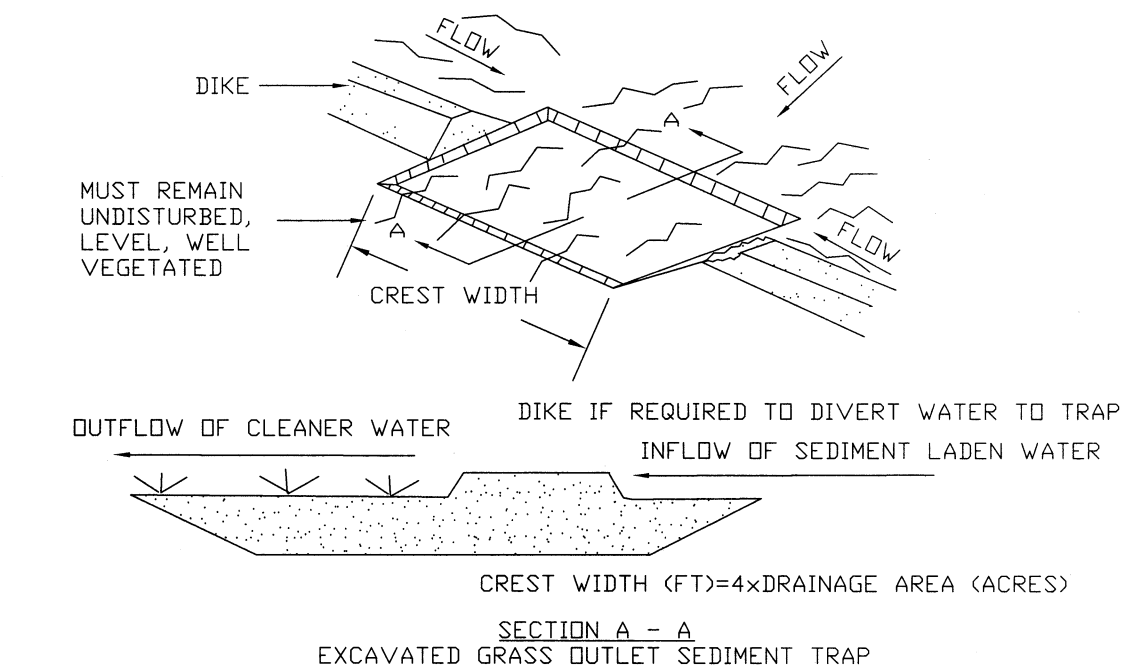
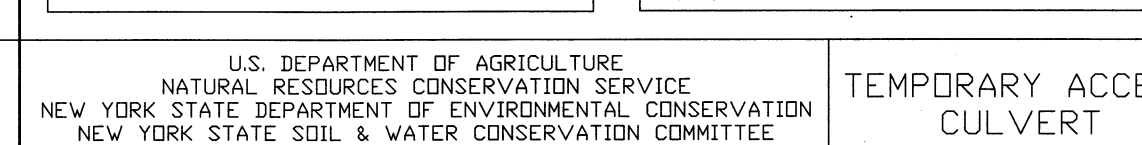
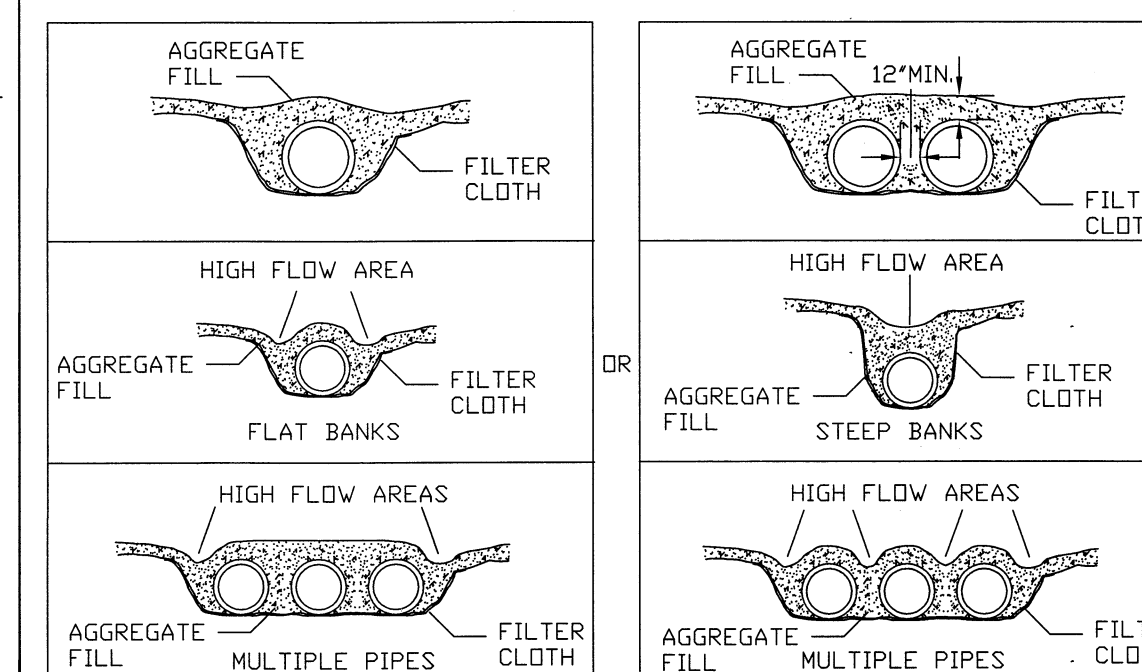
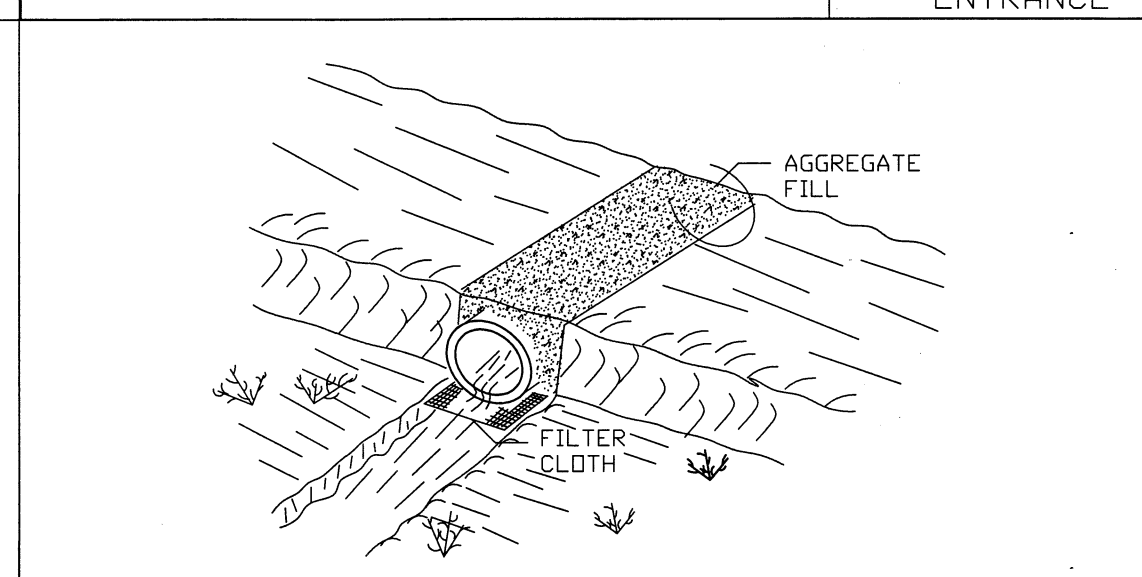
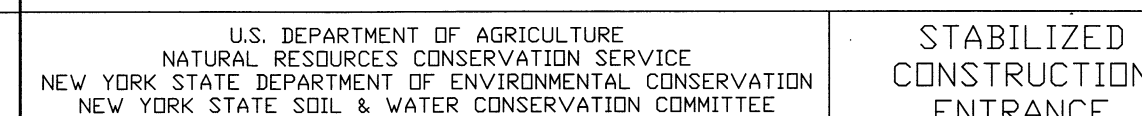


1. CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
2. GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
3. WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
4. UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES, FILL BASIN WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND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

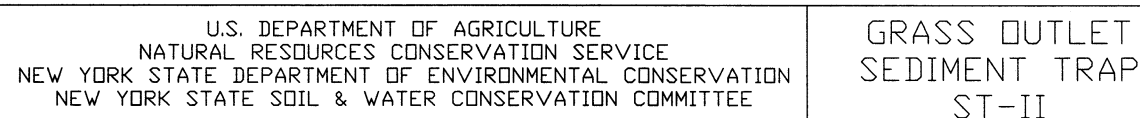
MAXIMUM DRAINAGE AREA 1 ACRE



1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. 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.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. 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.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED INTO PUBLIC RIGHTS-OF-WAY WILL BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



1. VOLUME OF SEDIMENT STORAGE SHALL BE 1800 CUBIC FEET PER ACRE OF CONTRIBUTORY DRAINAGE AREA.
2. MINIMUM CREST WIDTH SHALL BE 4 x DRAINAGE AREA
3. SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
4. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
5. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMIZED.
6. THE SEDIMENT TRAP SHALL BE REMOVED AND AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
7. ALL CUT SLOPES SHALL BE 1:1 OR FLATTER.

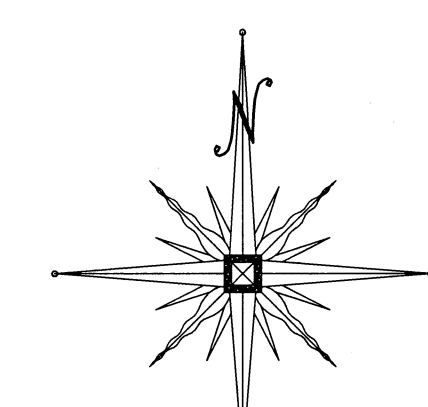


ALL CONSTRUCTION ACTIVITIES IN OR EXISTING AROUND DRAINAGE SWALES OR WETLANDS ARE TO BE PROVIDED WITH TEMPORARY EROSION CONTROL STRUCTURES AS SHOWN IN DETAIL LOCATED IMMEDIATELY DOWNSTREAM OF THE EXISTING OR PROPOSED EROSION CONTROL STRUCTURE. EROSION CONTROL STRUCTURES SHALL BE INSTALLED PRIOR TO THE START OF ANY UPSTREAM CONSTRUCTION ACTIVITY. EROSION CONTROL STRUCTURES SHALL BE INSTALLED TO PROTECT ALL DRAINAGE SWALES EXCEPT BY MEANS OF BRIDGES AND CULVERTS OR OTHER APPROVED METHODS. ALL EMBANKMENTS TO BE GRADED AND SLOPED IMMEDIATELY UPON LEAVING BACK. LAKE OR ESTUARY STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON MULCH ON SLOPES LESS THAN 5:1 AND JUTE NETTING OR EQUAL ON SLOPES EXCEEDING 5:1. TOPSOIL AND/OR STOCK PILE/STOCK SHALL BE LOCATED OUTSIDE OF EXISTING DRAINAGE SWALES, AND ALL MATERIALS AND ACTIVITIES SHALL BE PLACED ALONG THE TOE OF THE PILES AND THESE PILES SHALL RECEIVE TEMPORARY SEEDING.

SLOPES OF 4:1 OR GREATER (HORIZONTAL/VERTICAL)
SLOPES SHALL BE HYDROSEEDED WITH THE MIXTURES AND RATES INDICATED IN THE PERMANENT SEEDING MIXTURE SCHEDULE. 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 THE NATIONAL OR APPROVED EQUIVALENT, NETTING TO BE INSTALLED PER MANUFACTURER SPECIFICATIONS.

GENTLE SLOPES AND FLAT AREAS
AREAS SHALL BE BROADCASTING OR BROADCASTING WITH THE MIXTURES AND RATES INDICATED IN 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 BE MULCHED WITH A WOOD FIBER MULCH APPLIED AT A RATE OF 1000 LBS./ACRE. BROADCASTING SHALL BE LIGHTLY RAKED AND PACKED PRIOR TO PLACING MULCH.

NOTE:
1. FOR TEMPORARY AND PERMANENT SEEDING MIXTURE, SEE SHEET 9 OF 10 (DETAIL SHEET).



THIS SHEET IS INVALID UNLESS
ACCOMPANIED WITH THE COMPLETE
SET OF DRAWINGS TOTALING
ELEVEN (11) SHEETS.

ORANGE COUNTY DEPARTMENT
OF PUBLIC WORKS NOTES:

1. NO SITE PREPARATION OR CONSTRUCTION INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 13 OF THE HIGHWAY LAW.

6-20-11	PER OCHD & NYS DEC COMMENTS	MWS
10-5-10	NO REVISION	MWS
5-26-10	PER NYS DEC COMMENTS	MWS
1-11-09	PER OCHD TELE CON COMMENTS	MWS
10-05-09	PER NYS DEC COMMENTS	MWS
4-28-07	PER NYS DEC COMMENTS	MWS
10-23-07	PER H.D. COMMENTS	MWS
10-25-06	PER H.D. COMMENTS	MWS
4-18-06	PER H.D. & NYSDEC COMMENTS	MWS
10-18-05	PER P.B. COMMENTS & OCHD PREP	MWS
5-11-05	PER OGD/PW COMMENTS	MWS
3-1-05	PER P.B. & OGD/PW COMMENTS	MWS
10-20-04	PER P.B. COMMENTS	MWS
5-19-04	ORIGINAL PREPARATION DATF	MWS

DATE	DESCRIPTION	INITIALS
REVISIONS		

MAP CHECK DATE: 00/00/00	INITIALED BY: --
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(845) 796-4646

JOSEPH J. PEAU P.E. MICHAEL P. CREEGAN P.L.S.
LICENSE NO. 050323 LICENSE NO. 050323

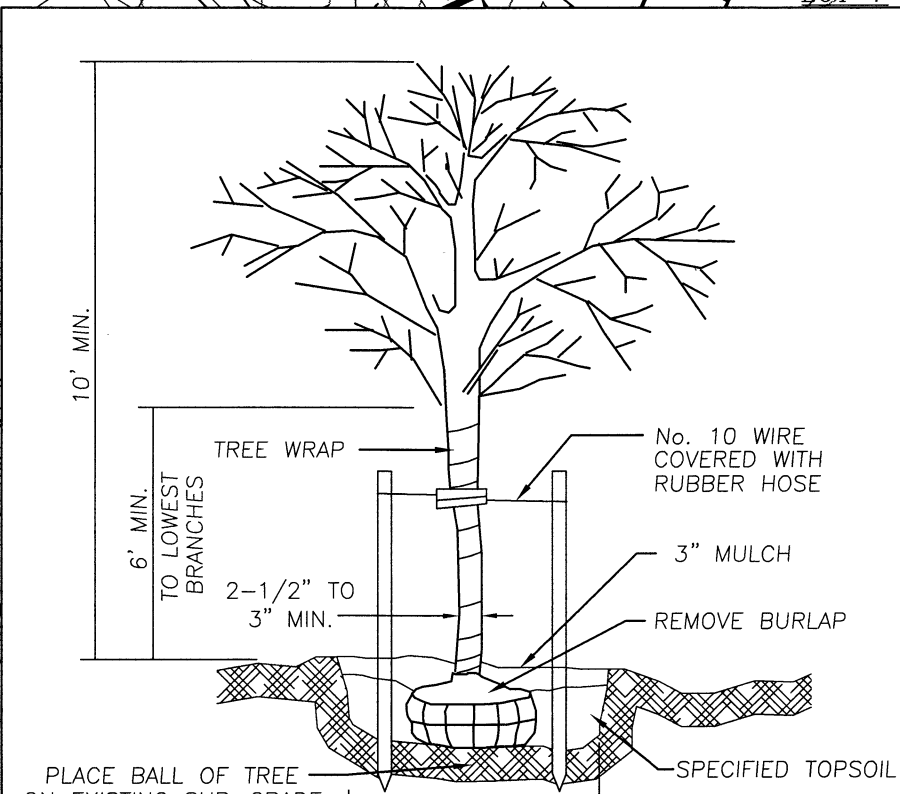
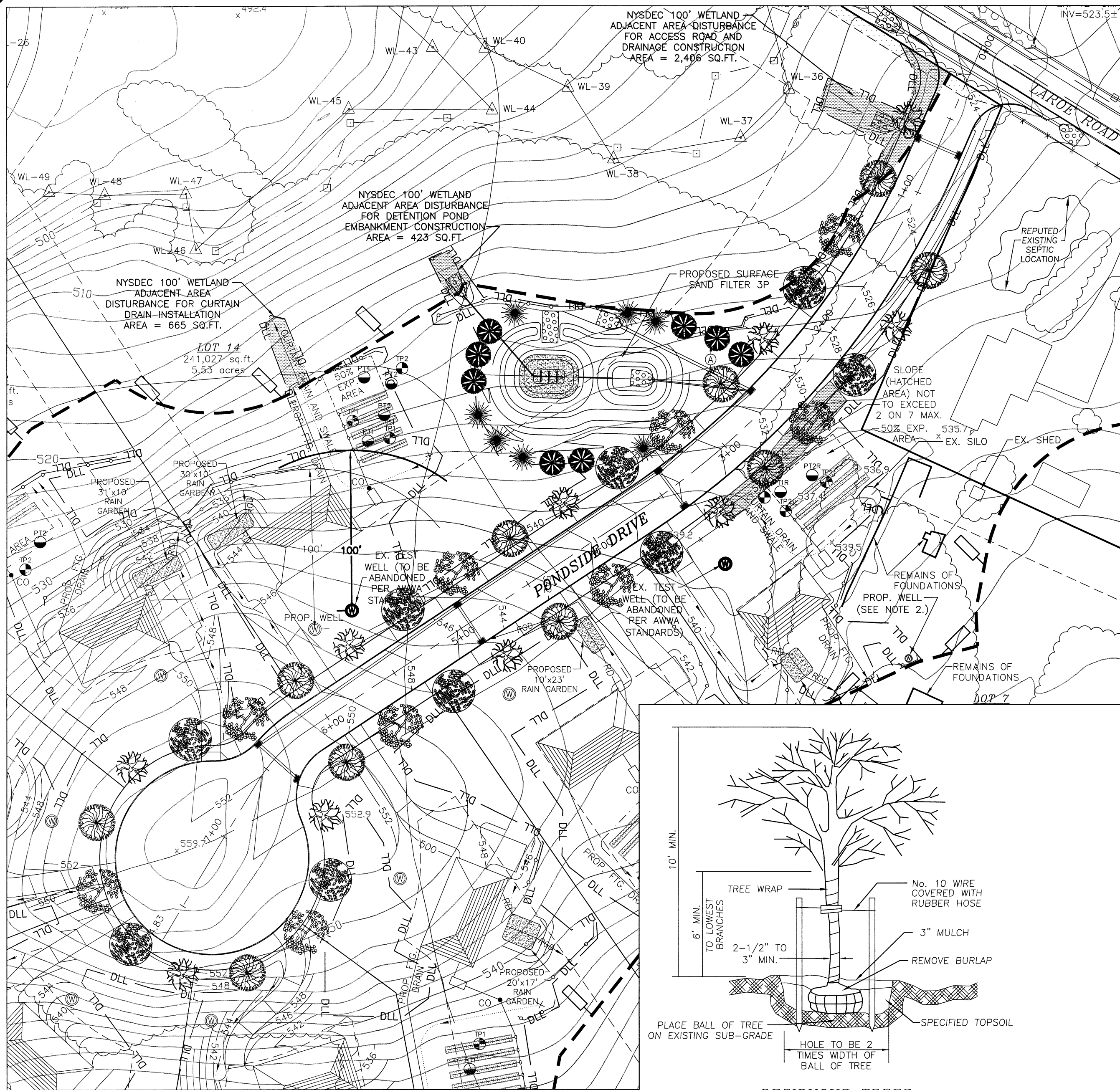
STATE OF NEW YORK
JOSEPH P. PETRAK P.E. P.T.S. LEED AP
PER. LICENSE NO. 076836
P.S. LICENSE NO. 050075
N.J.A.S. LICENSE NO. 35396
6-20-4
DATE

RIDGEVIEW ESTATES

TOWN OF CHESTER
ORANGE COUNTY, NEW YORK

PROJECT TITLE
<div style="text-align: center;"> <h1>EROSION CONTROL PLAN</h1> <p>(NOT FOR OCHD REVIEW OR APPROVAL)</p> </div>

SECTION 7 BLOCK 1 LOT 125.2		
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 <u>N/A</u> OF <u>#</u>	D.E.C. SHEET NO <u>N/A</u> OF <u>#</u>	DRAWING NUMBER <u>7</u> OF <u>11</u>
SCALE 1"=100'	CAD REFERENCE 23158EC	PROJECT NUMBER 23158.01



DECIDUOUS TREES SHADE TREE DETAIL N.T.S.

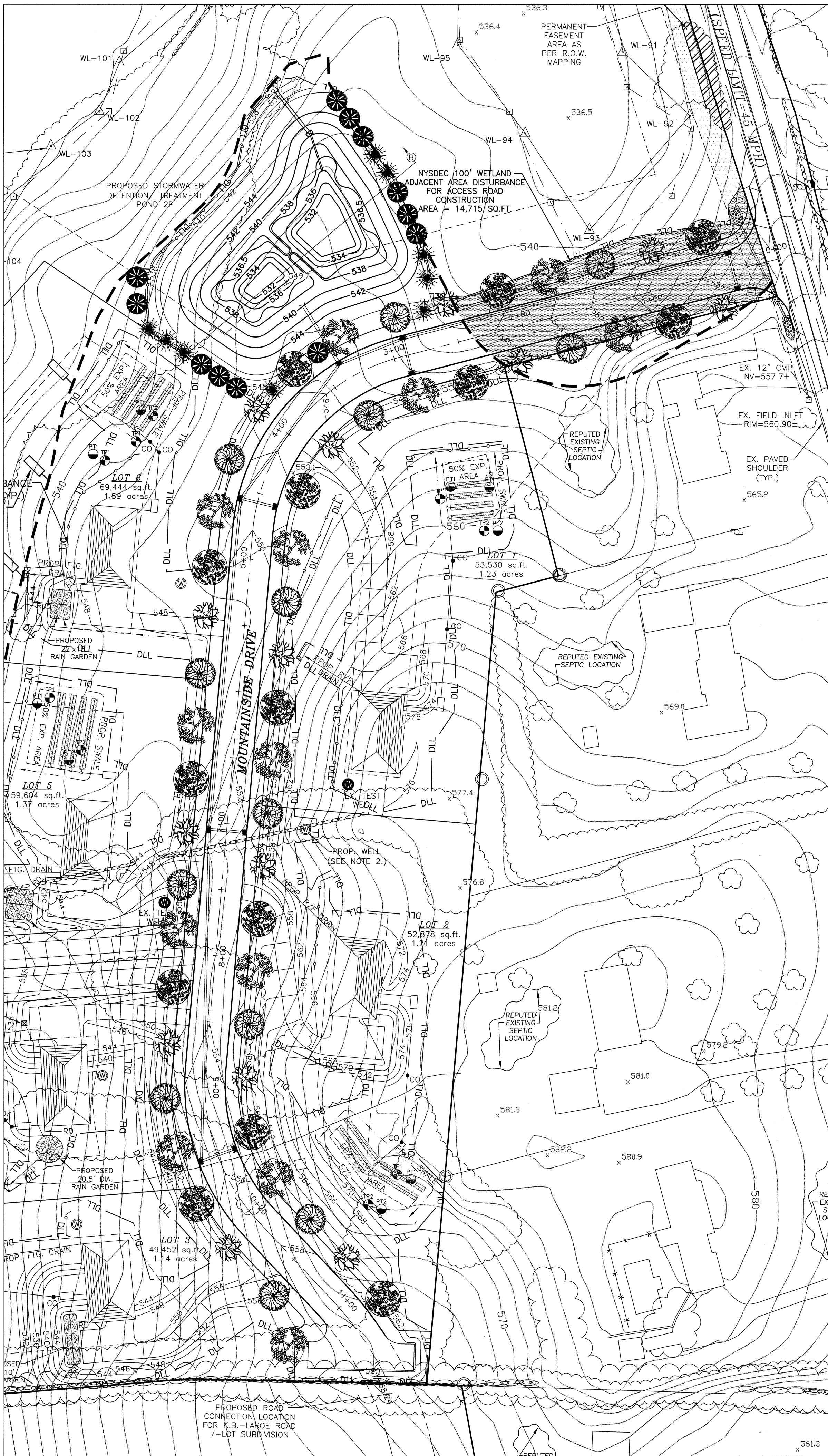
NOTE:
1. ALL STREET TREES ARE TO BE PLANTED ONE FOOT TO TEN FEET OUTSIDE OF THE RIGHT OF WAY LIMITS.

TREE PLANTING SPECIFICATIONS

- TREES SHALL BE BALLED AND BURLAPPED, HARDY AND SUITABLE TO LOCAL SOIL AND CLIMATE, AND SHALL NOT BE LESS THAN TWO AND A HALF INCHES CALIPER MEASURED SIX INCHES ABOVE THE TOP OF THE BALL NOR LESS THAN 10 FEET HIGH. THEY MUST BE WELL-BRANCHED, THE BRANCHES TO START NOT LESS THAN SIX FEET FROM THE CROWN OF THE TREE SYSTEM. TREES SHOULD BE NURSERY GROWN, AND A NURSERY INSPECTION CERTIFICATE SHOULD BE AVAILABLE COVERING ALL TREES. ALL TREES MUST MEET THE STANDARDS OF THE AMERICAN STANDARD FOR NURSERY STOCK.
- SHADE TREES SHALL BE PLANTED ONE FOOT TO FIVE FEET OUTSIDE OF THE RIGHT-OF-WAY LINE, AND APPROXIMATELY 40 FEET APART. TREES SHOULD BE STAGGERED WHEN PLANTED ON OPPOSITE SIDES OF THE SAME STREET.
- IN GENERAL, EXCAVATIONS FOR PLANTING SHALL BE LARGE ENOUGH TO ACCOMMODATE THE NATURAL SPREAD OF THE ROOT SYSTEM AND AT LEAST TWO TIMES THE WIDTH OF THE BALL OF EARTH SUPPLIED WITH THE TREE. THE PIT SHALL BE ROCK FREE AND REFILLED WITH SEVEN PARTS TOPSOIL AND ONE PART HUMUS AND THE PARENT SOIL DISCARDED. HARDPAN SHALL BE LOOSEEN AN ADDITIONAL TWELVE INCHES FROM THE BOTTOM AND SIDE OF PIT. TREES SHALL BE ADEQUATELY FERTILIZED AND WATERED AT THE TIME OF PLANTING AND MULCHED WITH THREE INCHES OF APPROVED MULCH IMMEDIATELY AFTER PLANTING.
- TREES SHALL BE STAKED AND GUYED IMMEDIATELY AFTER PLANTING. STAKES SHALL BE OF CEDAR OR OAK, EIGHT FEET LONG, NO LESS THAN TWO INCHES IN DIAMETER AND DRIVEN INTO THE TREES ROOT SYSTEM. TREES SHOULD BE GUYED TO THE STAKE USING No. 10 WIRE COVERED WITH RUBBER HOSE OR EQUAL. THE WIRE SHALL BE STAPLED TO THE STAKE IN SUCH A MANNER THAT IT WILL NOT SLIP OR COME INTO CONTACT WITH THE TREE TRUNK. THE TRUNK OF THE TREE MAY BE PROTECTED WITH TREE WRAPPING PAPER.
- REMOVAL OF DEBRIS IS REQUIRED. THE PROPERTY MUST BE LEFT IN A NEAT AND ORDERLY CONDITION IN ACCORDANCE WITH GOOD AND ACCEPTED PLANTING AND TREE SURGERY PRACTICES.
- ALL TREE VARIETIES, PLACEMENT, CONDITION AND QUALITY ARE SUBJECT TO THE APPROVAL OF THE TOWN PLANNING BOARD PRIOR TO AND AFTER PLANTING. POPLARS, BOX ELDERS, CATALPAS, HORSE CHESTNUTS, WILLOWS AND ELMS SHALL NOT BE PLANTED.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO PLANTING. CONTRACTOR SHALL FIELD ADJUST LOCATION OF SHADE TREES, AS NECESSARY, TO AVOID DAMAGE TO ALL EXISTING UNDERGROUND UTILITIES AND/OR EXISTING ABOVE GROUND ELEMENTS. ALL FIELD ADJUSTMENTS MUST MEET THE REGULATIONS SET FORTH IN THE TOWN OF CHESTER SUBDIVISION REGULATIONS, SECTION 83-20B.
- EXISTING VEGETATION AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE TOPSOILED AND SEEDED UPON COMPLETION OF WORK. (SEE PERMANENT SEEDING MIXTURE TABLE ON SHEET 6 OF 9.)
- PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR AFTER FINAL ACCEPTANCE OF PROJECT PLANTING. DEAD, DYING, UNHEALTHY AND/OR PLANTS IN POOR CONDITION SHALL BE REPLACED BY THE CONTRACTOR.
- ALL PLANT MATERIAL ON THIS SHEET AND ALL SHEETS ASSOCIATED WITH THIS DRAWING SET MUST MEET THE STANDARDS SET FORTH IN THE LATEST EDITION OF THE AMERICAN NURSERYMAN'S STANDARDS FOR NURSERY STOCK.

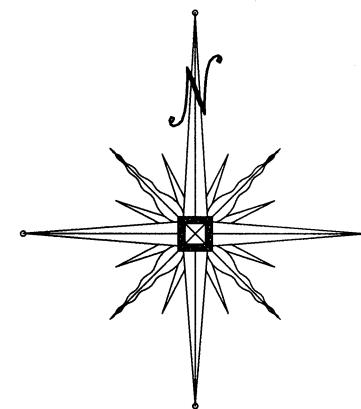
TEMPORARY MAINTENANCE EASEMENT NOTE:

- IN ORDER FOR THE TREES TO BE MAINTAINED OR REPLACED BY THE DEVELOPER, A TEN FOOT WIDE TEMPORARY MAINTENANCE EASEMENT SHALL RUN PARALLEL TO THE RIGHT-OF-WAY UNTIL RELEASE OF THE MAINTENANCE SECURITY FOR THE TREES.



LEGEND

- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE
- EXISTING 10' CONTOUR INTERVAL
- PROPOSED SETBACK LINE
- PROPOSED DWELLING
- PROPOSED SDS (INCLUDING 50% EXP.)
- ASSUMED RIGHT OF WAY LINE
- NYS DEC WETLAND WR-11 LIMIT LINE
- ACOE WETLAND LIMIT LINE
- NYS DEC WETLAND WR-11 ADJACENT AREA LIMIT LINE
- PROPOSED ROOF & FOOTING DRAIN
- PERCOLATION TEST
- OCHD WITNESSED PERCOLATION TEST
- DEEP PIT TEST
- OCHD WITNESSED DEEP PIT TEST
- PROPOSED CLEAN OUT
- PROPOSED CURTAIN DRAIN AND SWALE
- PROPOSED SWALE
- PROPOSED SILT FENCE
- PROPOSED DISTURBANCE LIMIT LINE



GRAPHIC SCALE



(IN FEET)
1 inch = 50 ft.

ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTES:

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THIS SHEET IS INVALID UNLESS ACCOMPANIED WITH THE COMPLETE SET OF DRAWINGS TOTALING ELEVEN (11) SHEETS.

6-20-11	PER OCHD & NYS DEC COMMENTS	MWS
10-5-10	NO REVISION	MWS
5-26-10	PER NYS DEC COMMENTS	MWS
11-11-09	PER OCHD TELE CON COMMENTS	MWS
10-05-09	PER NYS DEC COMMENTS	MWS
4-28-08	PER NYS DEC COMMENTS	MWS
10-23-07	PER H.D. COMMENTS	MWS
10-25-06	PER H.D. COMMENTS	MWS
4-18-06	PER H.D. & NYSDEC COMMENTS	MWS
10-18-05	PER P.B. COMMENTS & OCHD PREP	MWS
5-11-05	PER OGDWP COMMENTS	MWS
3-1-05	PER P.B. & OGDWP COMMENTS	MWS
1-12-05	PER P.B. & OGDWP COMMENTS	MWS
10-20-04	PER P.B. COMMENTS	MWS
5-19-04	ORIGINAL PREPARATION DATE	MWS
DATE	DESCRIPTION	INITIALS
REVISIONS		
MAP CHECK DATE: 00/00/00	INITIALED BY: --	

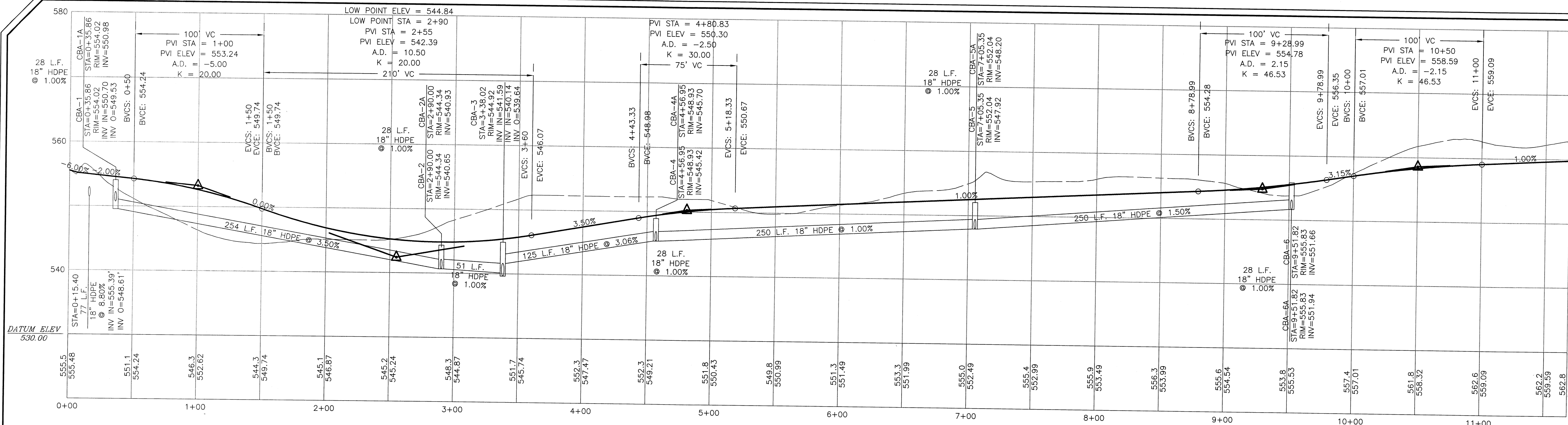
PIETRZAK & PFAU
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JOSEPH J. PFAU P.E.
LICENSE NO. 076008
MICHAEL F. CHERIAN P.L.S.
LICENSE NO. 166023
STATE OF NEW YORK
EXPIRATION DATE 12-31-14

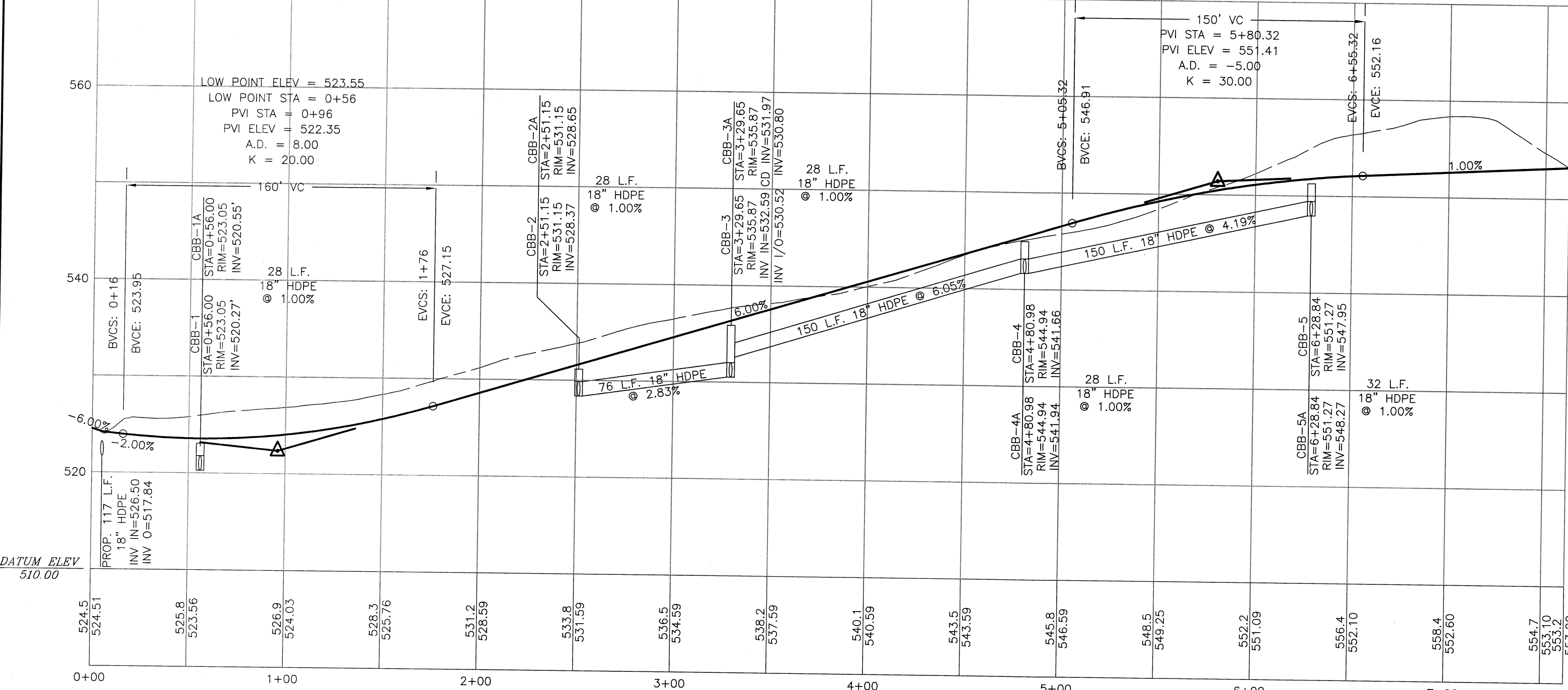
LAND REVIEW ESTATES
TOWN OF CHESTER
ORANGE COUNTY, NEW YORK

PROJECT TITLE
LANDSCAPE PLAN
(NOT FOR OCHD REVIEW OR APPROVAL)
SECTION 7 BLOCK 1 LOT 125.2

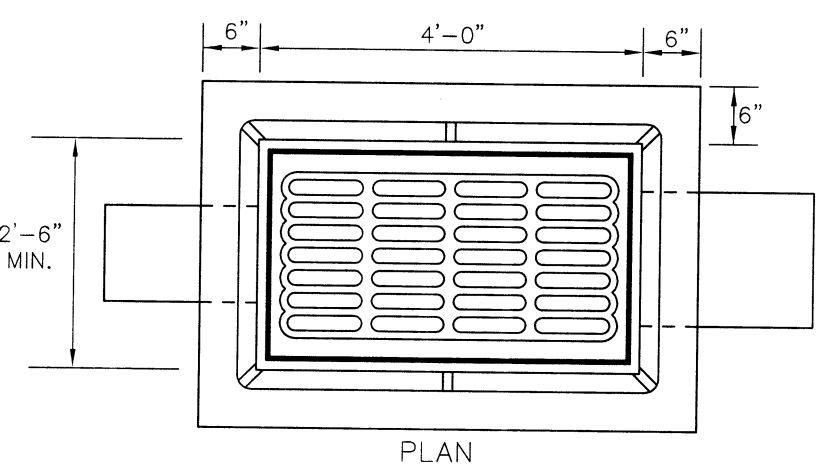
<h1>LANDSCAPE PLAN</h1> <p>(NOT FOR OCHD REVIEW OR APPROVAL)</p> <p>SECTION 7 BLOCK 1 LOT 125.2</p> <p>DRAWING TITLE</p> <p>UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.</p> <table><tr><td>O.C.H.D. SHEET NO N/A OF #</td><td>D.E.C. SHEET NO N/A OF #</td><td>DRAWING NUMBER B OF 11</td></tr><tr><td>SCALE 1"=50'</td><td>CAD REFERENCE 23158GRADE</td><td>PROJECT NUMBER 23158.01</td></tr></table>			O.C.H.D. SHEET NO N/A OF #	D.E.C. SHEET NO N/A OF #	DRAWING NUMBER B OF 11	SCALE 1"=50'	CAD REFERENCE 23158GRADE	PROJECT NUMBER 23158.01
O.C.H.D. SHEET NO N/A OF #	D.E.C. SHEET NO N/A OF #	DRAWING NUMBER B OF 11						
SCALE 1"=50'	CAD REFERENCE 23158GRADE	PROJECT NUMBER 23158.01						



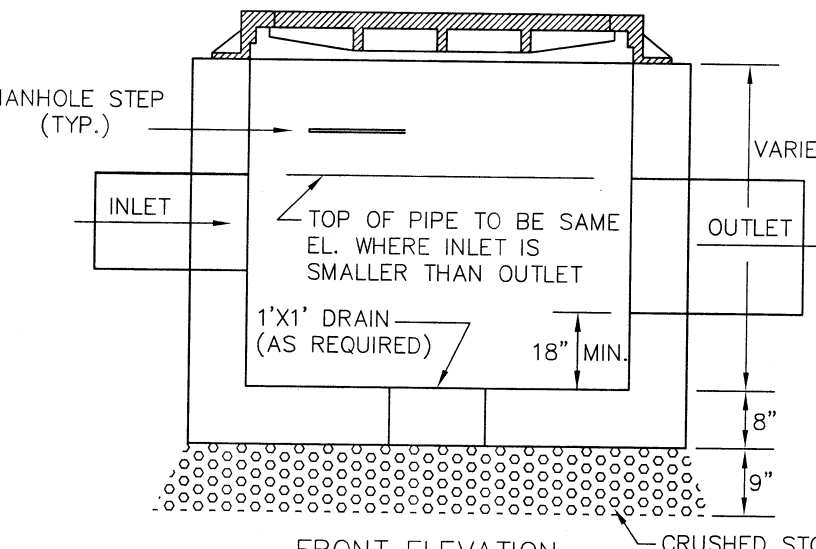
RIDGEVIEW ESTATES PROPOSED MOUNTAINSIDE DRIVE
(NOT FOR OCHD REVIEW OR APPROVAL)



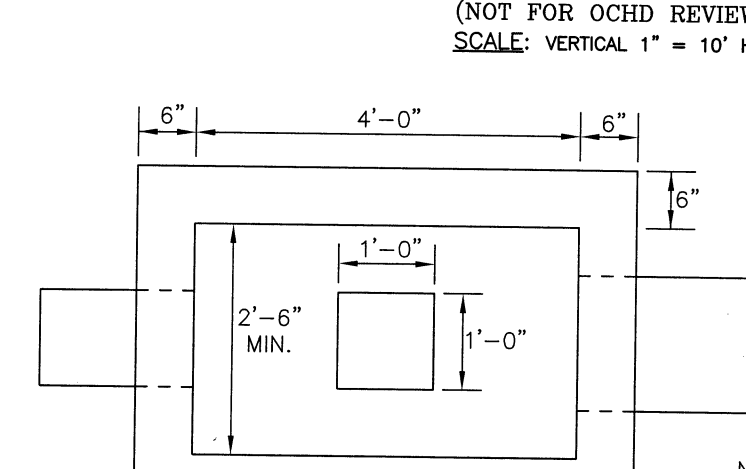
RIDGEVIEW ESTATES PROPOSED PONDSIDES DRIVE
(NOT FOR OCHD REVIEW OR APPROVAL)
SCALE: VERTICAL 1" = 10' HORIZONTAL 1" = 50'



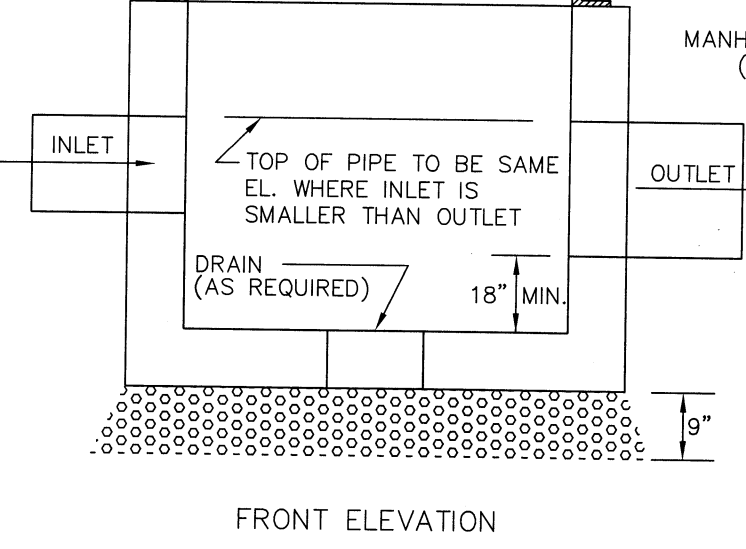
NOTES:
1. HEAVY DUTY CURB TYPE CATCH BASIN FRAME AND GRATE TO BE CAMPBELL FOUNDRY PATTERN NO. 3433 & 3440 AS REQUIRED
2. PRECAST CONCRETE TO BE 4000 PSI AT 28 DAYS W/ 6"x6"x6" W.W. MESH REINFORCEMENT
3. ALL DRAINAGE PIPE WITHIN THIS SUBDIVISION TO BE ADS N-12 PLASTIC PIPE



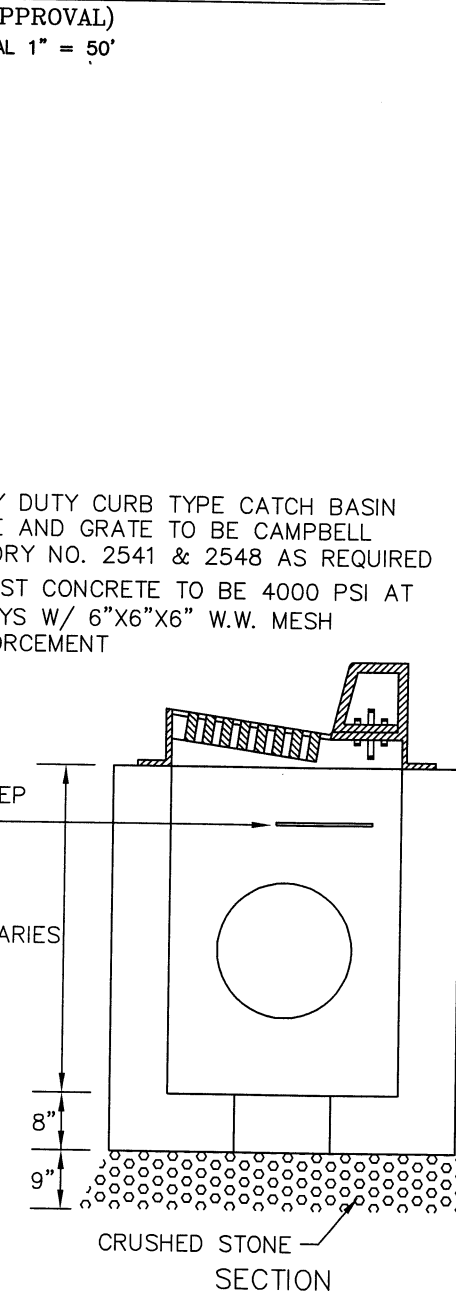
PRECAST CONCRETE GRATE DETAIL
(NOT FOR OCHD REVIEW OR APPROVAL) N.T.S.



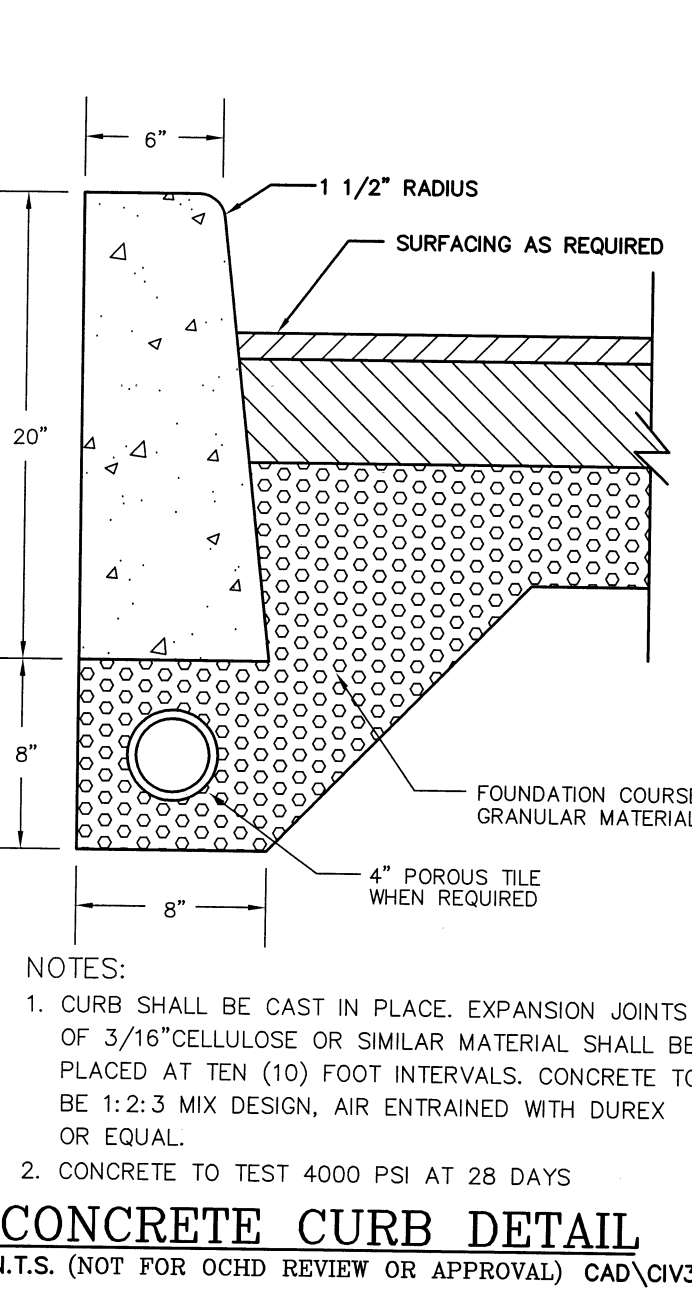
NOTES:
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2. PRECAST CONCRETE TO BE 4000 PSI AT 28 DAYS W/ 6"x6"x6" W.W. MESH REINFORCEMENT



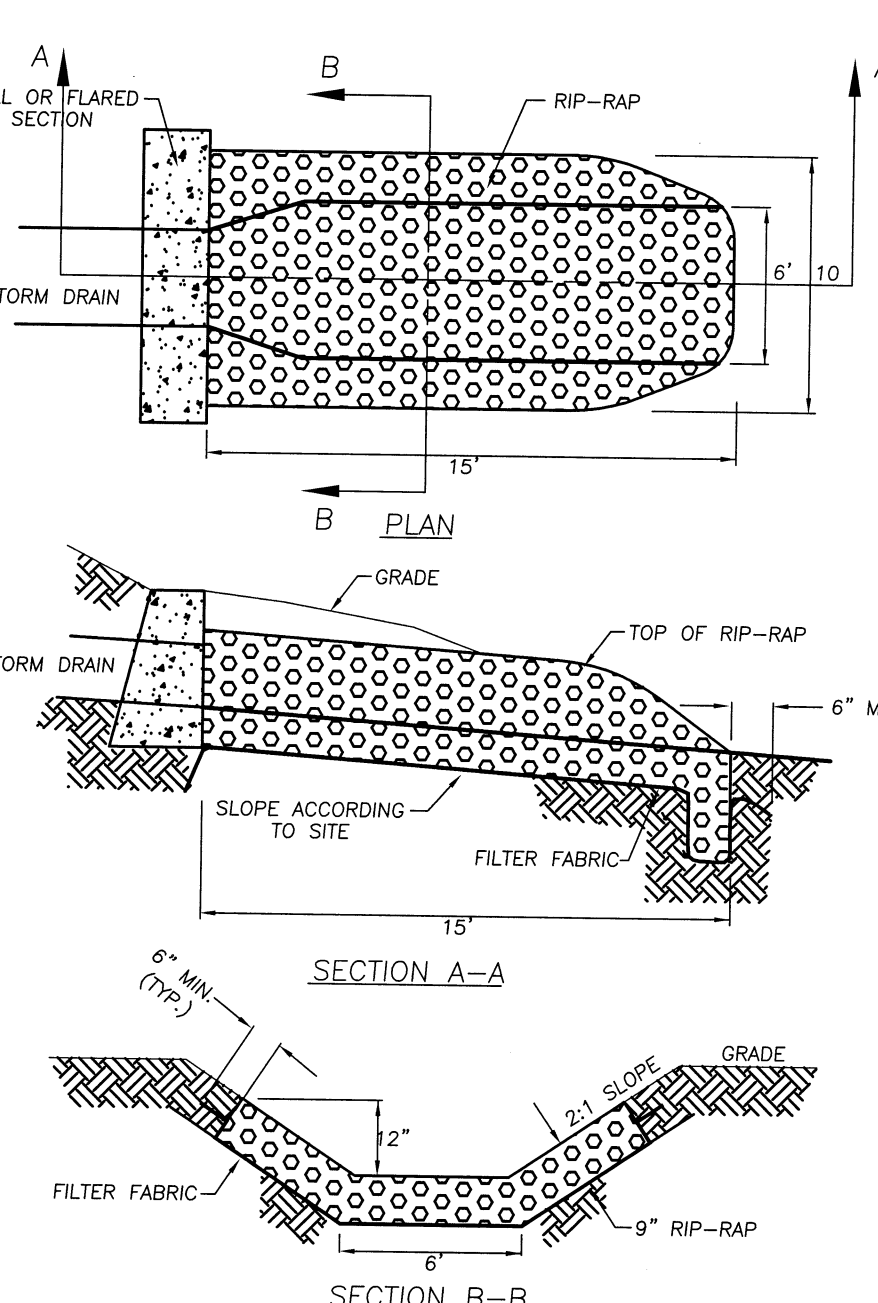
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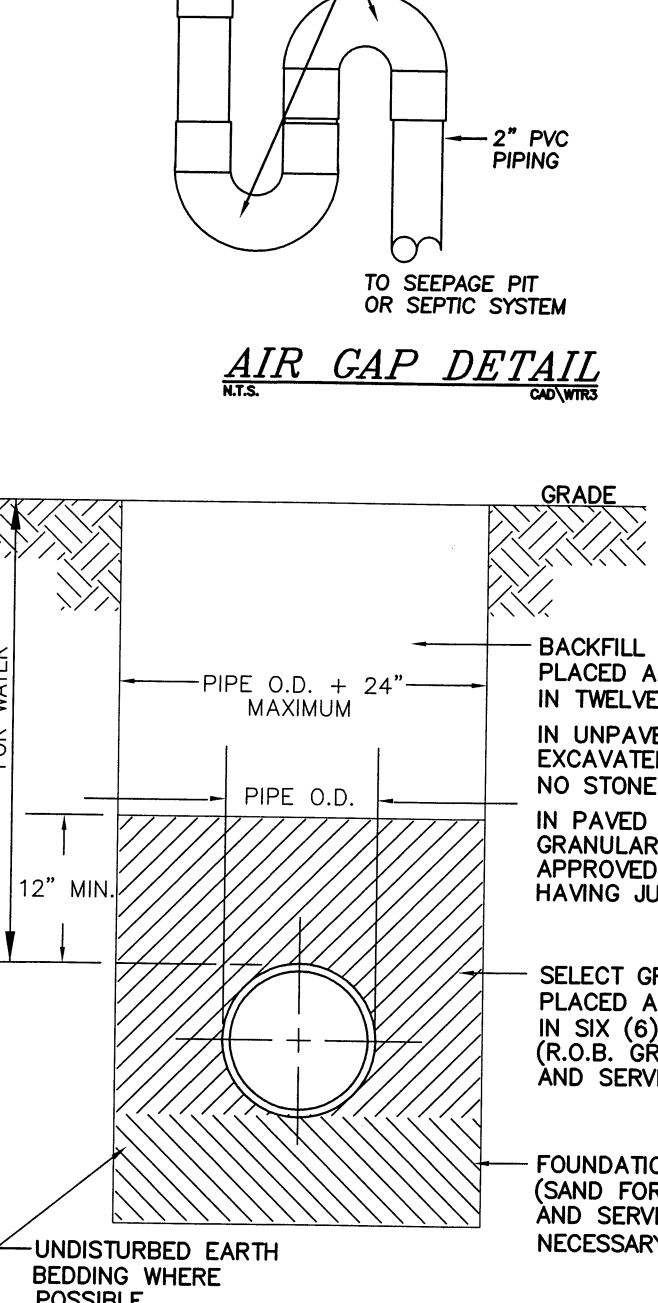
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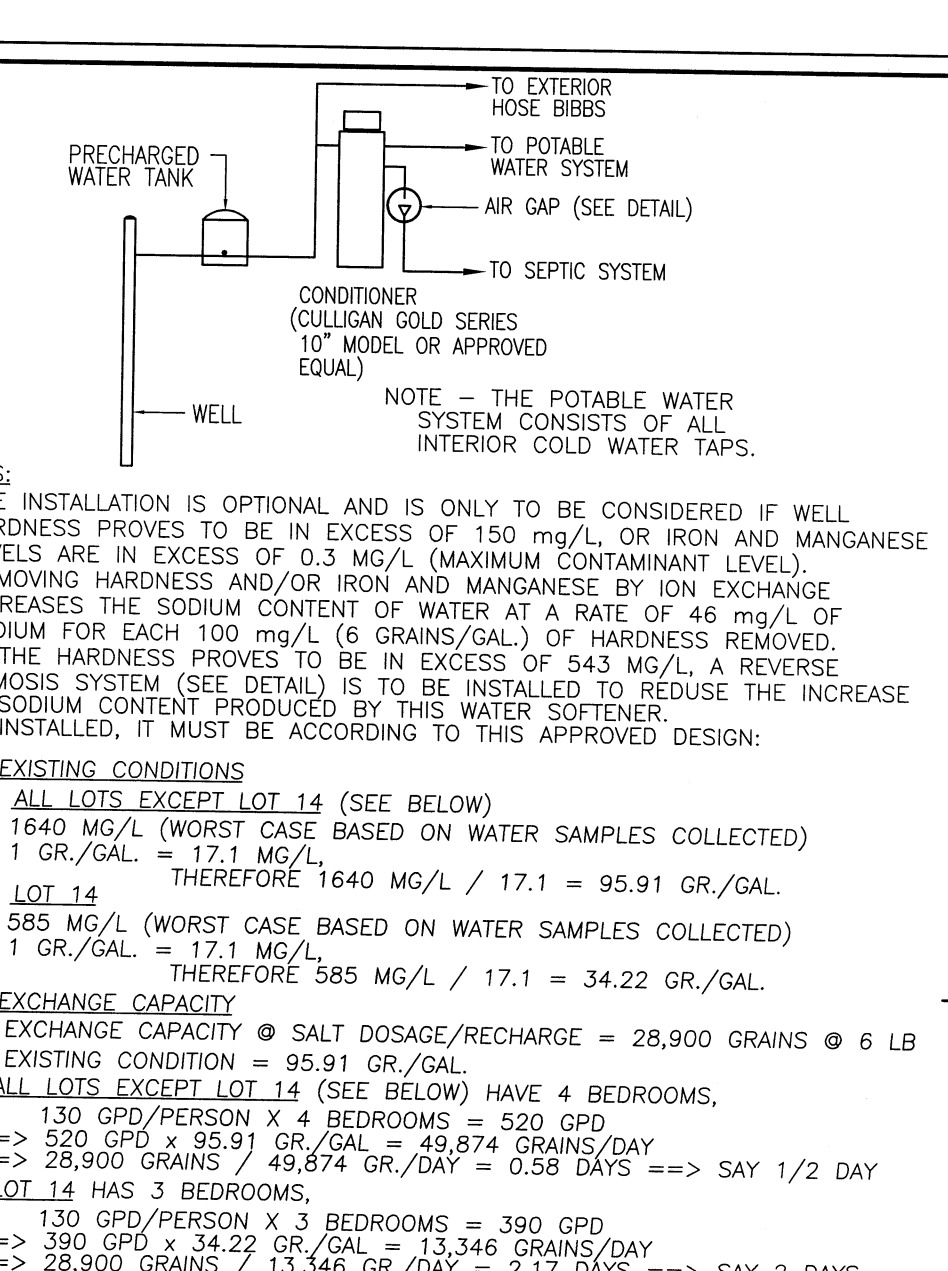
CONCRETE CURB DETAIL
(NOT FOR OCHD REVIEW OR APPROVAL) CAD/CIV



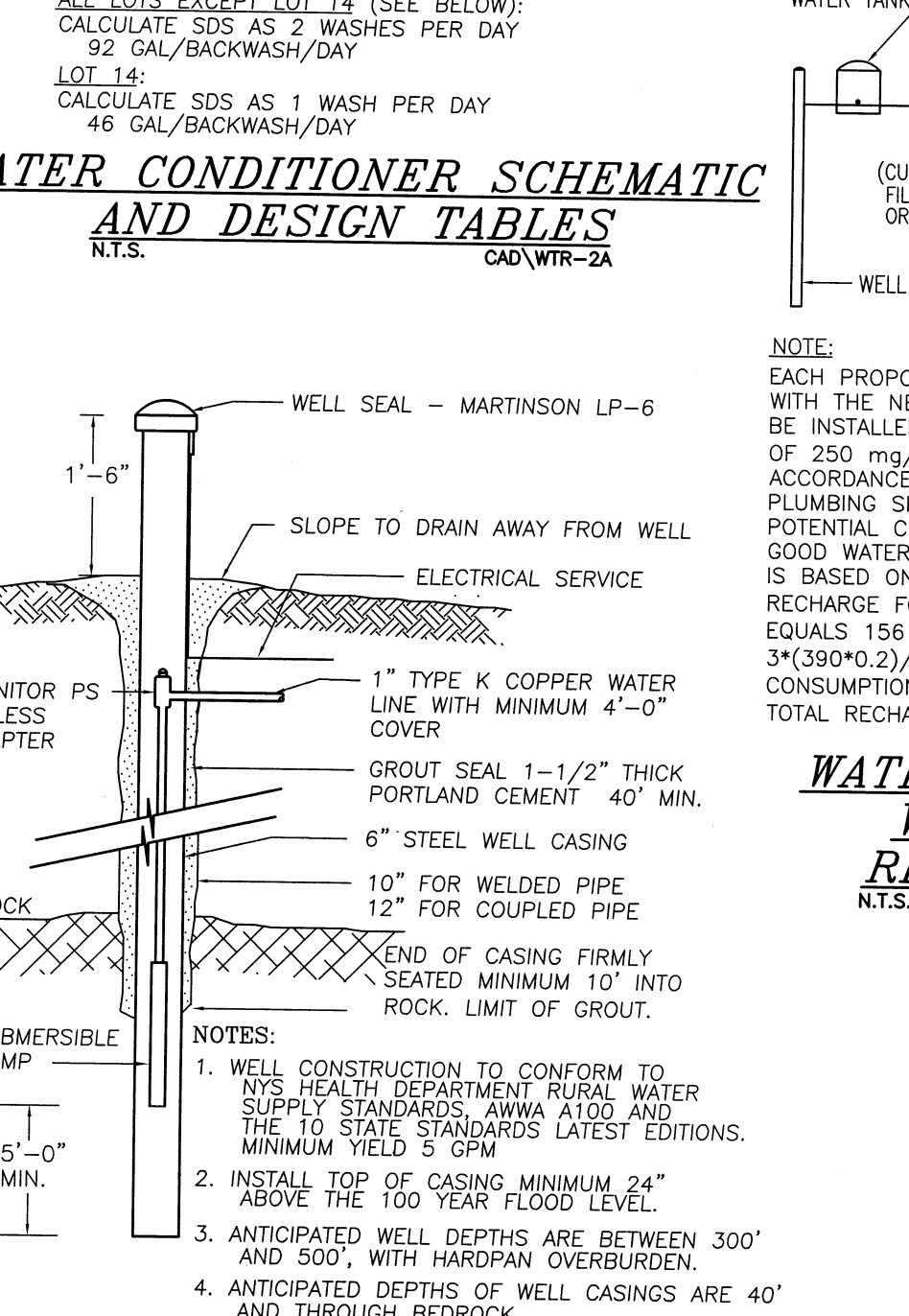
RIP-RAP OUTLET DETAIL
(NOT FOR OCHD REVIEW OR APPROVAL) CAD/EC6



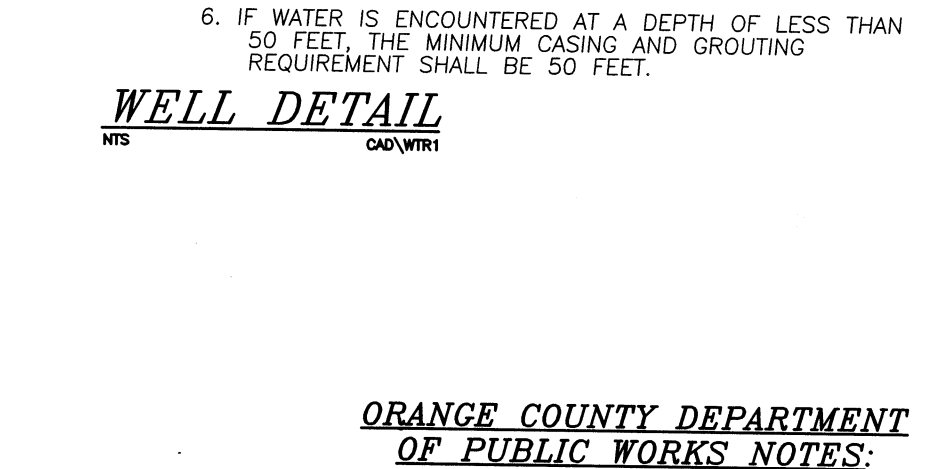
PIPE BEDDING & BACKFILL DETAIL
(NOT FOR OCHD REVIEW OR APPROVAL) N.T.S.



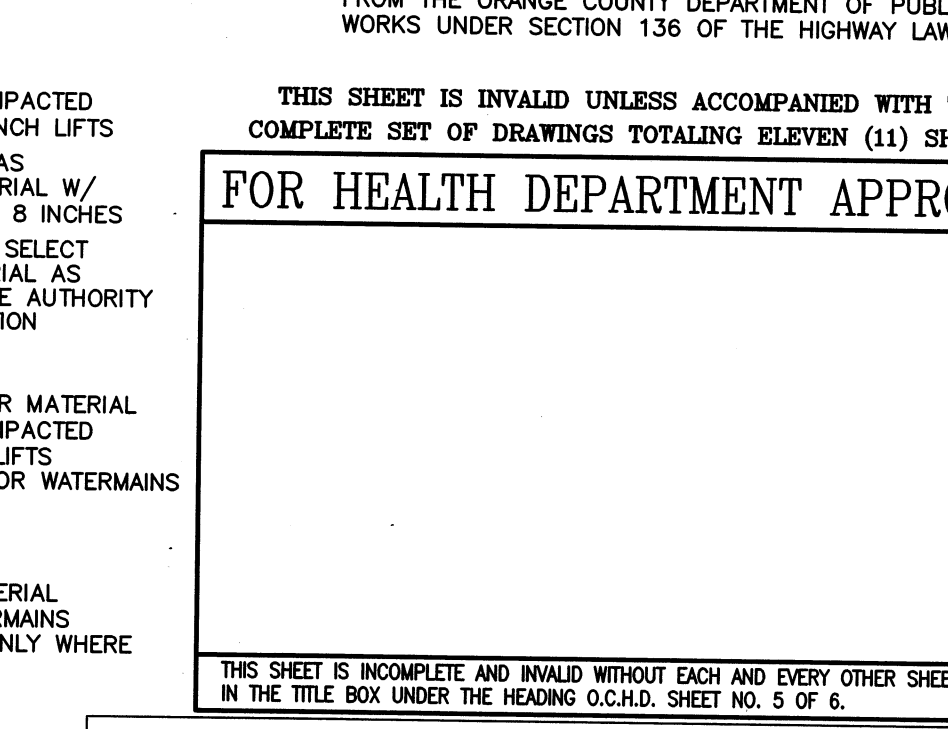
WATER CONDITIONER SCHEMATIC WITH WATER FILTER
N.T.S.



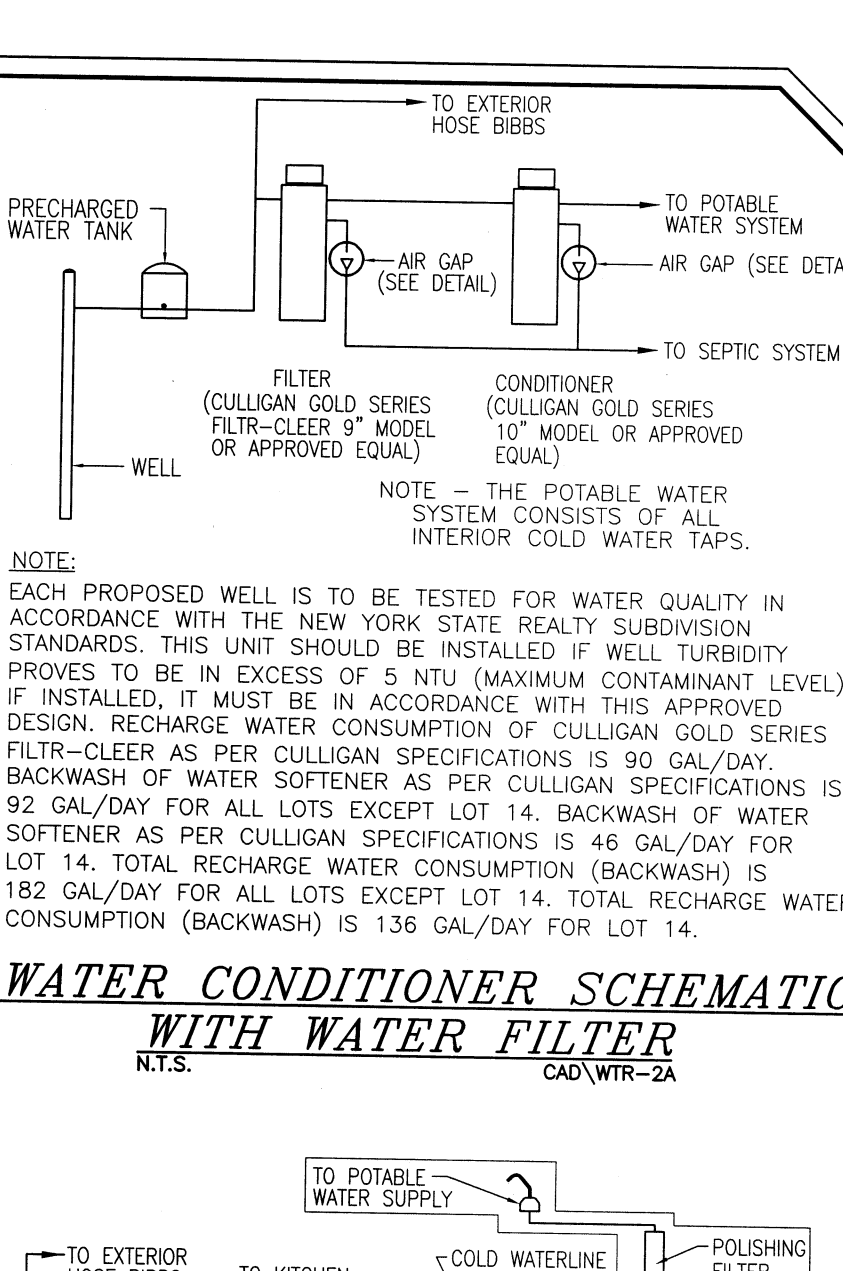
WATER CONDITIONER SCHEMATIC AND DESIGN TABLES
N.T.S.



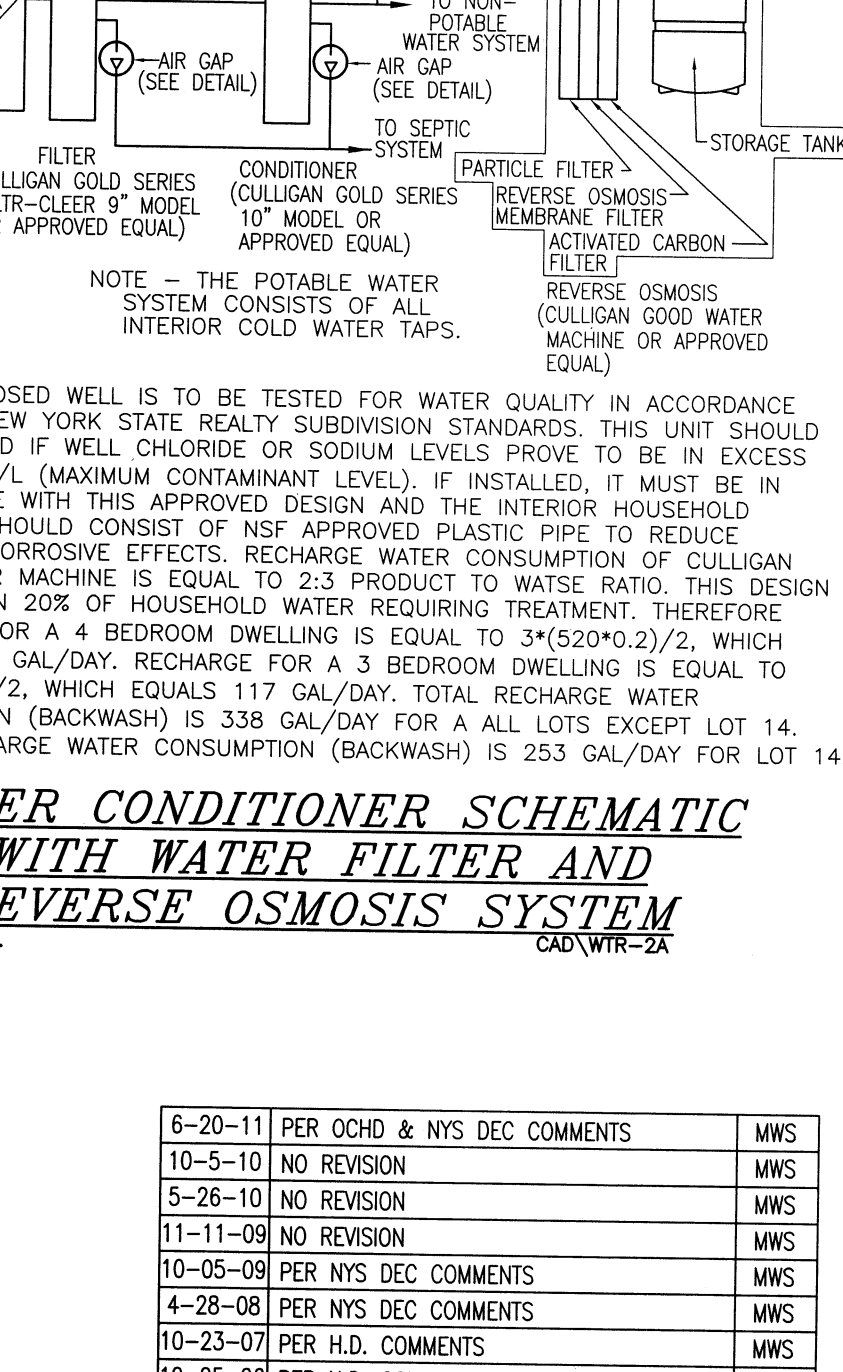
WELL DETAIL
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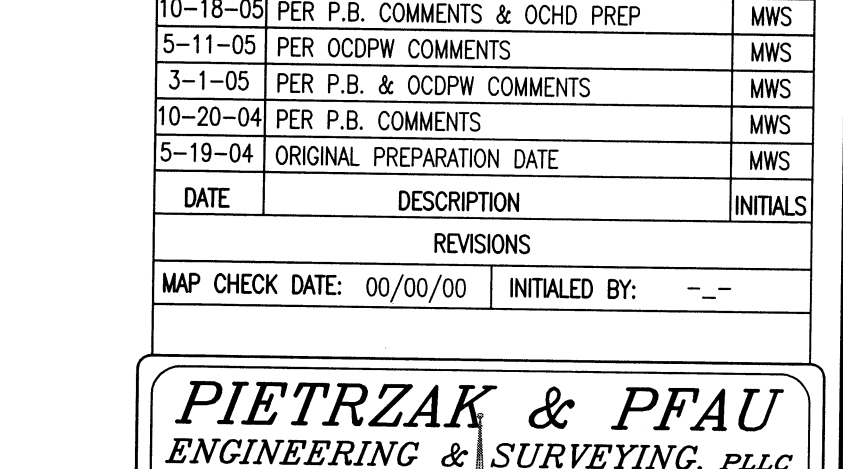
AIR GAP DETAIL
(NOT FOR OCHD REVIEW OR APPROVAL) CAD/EC6



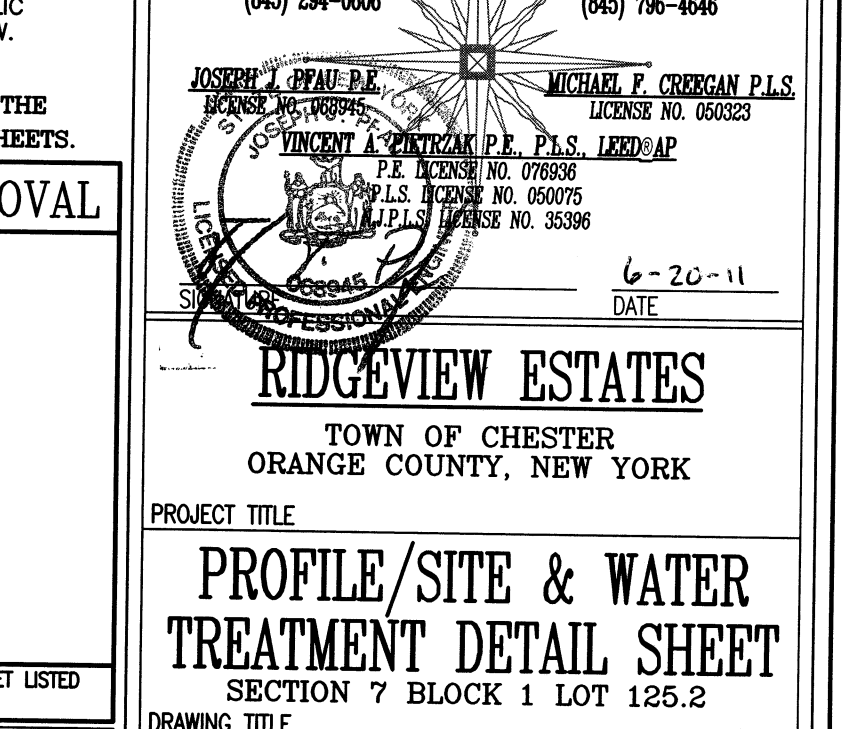
WATER CONDITIONER SCHEMATIC WITH WATER FILTER AND REVERSE OSMOSIS SYSTEM
N.T.S.



WATER CONDITIONER SCHEMATIC AND DESIGN TABLES
N.T.S.



WELL DETAIL
N.T.S.



AIR GAP DETAIL
(NOT FOR OCHD REVIEW OR APPROVAL) CAD/EC6

ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTES:

1. NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.

THIS SHEET IS INVALID UNLESS ACCOMPANIED WITH THE COMPLETE SET OF DRAWINGS TOTALING ELEVEN (11) SHEETS.

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. 5 OF 6.

ENGINEER'S CERTIFICATION

THE PROPOSED SEWAGE DISPOSAL SYSTEM(S) AND WATER SUPPLY SYSTEM(S) SHOWN ARE DESIGNED IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS ESTABLISHED BY THE NEW YORK STATE DEPARTMENT OF HEALTH AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION FOR RESIDENTIAL LOTS. THE DESIGN(S) ARE BASED UPON ACTUAL SOIL AND SITE CONDITIONS FOUND UPON THE LOT(S) AT THE DESIGN LOCATION AT THE TIME OF DESIGN.

DATE	DESCRIPTION	INITIALS
6-20-11	PER OCHD & NYS DEC COMMENTS	MWS
10-5-10	NO REVISION	MWS
5-26-10	NO REVISION	MWS
11-11-09	NO REVISION	MWS
10-05-09	PER NYS DEC COMMENTS	MWS
4-28-08	PER NYS DEC COMMENTS	MWS
10-23-07	PER H.D. COMMENTS	MWS
10-25-06	PER H.D. COMMENTS	MWS
4-18-06	PER H.D. & NYSDEC COMMENTS	MWS
10-18-05	PER P.B. COMMENTS & OCHD PREP	MWS
5-11-05	PER OCHDPW COMMENTS	MWS
3-1-05	PER P.B. & OCHDPW COMMENTS	MWS
10-20-04	PER P.B. COMMENTS	MWS
5-19-04	ORIGINAL PREPARATION DATE	MWS

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

REVISIONS

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC

282 GREENWICH AVENUE, SUITE A
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LICENSED PROFESSIONAL ENGINEER
NO. 060785

RIDGEVIEW ESTATES
TOWN OF CHESTER
ORANGE COUNTY, NEW YORK

PROJECT TITLE
PROFILE/SITE & WATER TREATMENT DETAIL SHEET
SECTION 7 BLOCK 1 LOT 125.2

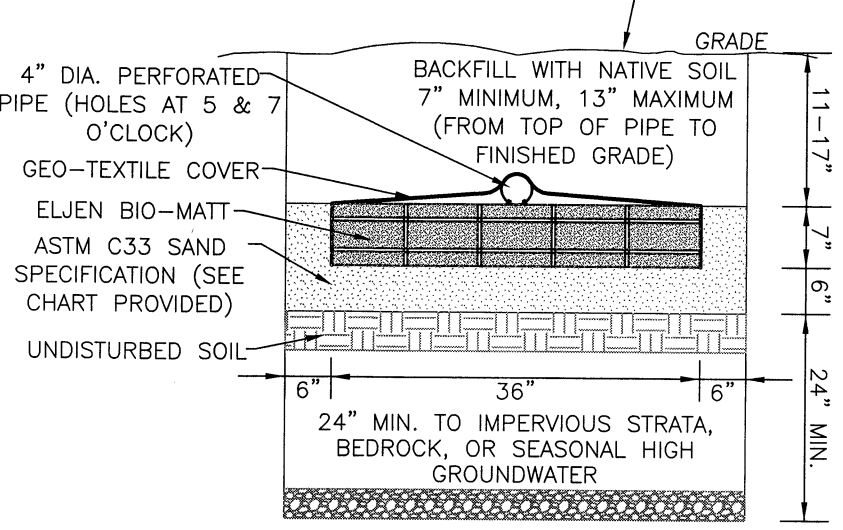
DRAWING TITLE
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7229, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.
O.C.H.D. SHEET NO. 5 OF 6
D.E.C. SHEET NO. N/A OF --
DRAWING NUMBER 9 OF 11
SCALE AS SHOWN
CAD REFERENCE 23158PRO
PROJECT NUMBER 23158.01

SOIL TEST RESULTS & SEPTIC SYSTEM DESIGN

LOT #	DEEP TEST PIT #1 RESULTS	DEEP TEST PIT #2 RESULTS	JSI DEEP TEST PIT RESULTS	PERC RATE	PERC RATE DESIGN
1	0"-7" TOP SOIL 7"-23" LTRB GRAVELLY SILT LOAM W/ COBS 23"-75" GRAVELLY SILT LOAM W/COBS & FRAC. SHALE. REFUSAL @ 75"	0"-9" TOP SOIL 9"-34" LTRB GRAVELLY SILT LOAM W/ COBS & FRAC SHALE 34"-85" BR GRAVELLY SILT LOAM W/ COBS & FRAC. SHALE REFUSAL @ 85	PT1: 3 MIN. DEPTH: 24" PT2: 3 MIN. DEPTH: 24" JSI: 5 MIN. DEPTH: 24"	PT1: 3 MIN. DEPTH: 24" PT2: 2 MIN. DEPTH: 24"	SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM REQUIRED: 120 L.F. PROVIDED: 120 L.F. 4 ELJEN IN-DRAIN LATS @ 30' 120' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.
2	0"-12" TOP SOIL 12"-31" SANDY LOAM WITH GRAVEL 31"-80" SANDY LOAM WITH GRAVEL COBBLE AND FRACTURED SHALE	0"-12" TOP SOIL 12"-31" SANDY LOAM WITH GRAVEL 31"-90" SANDY LOAM WITH GRAVEL, COBBLE AND FRACTURED SHALE	PT1: 7 MIN. DEPTH: 24" PT2: 2 MIN. DEPTH: 24"	PT1: 7 MIN. DEPTH: 24" PT2: 2 MIN. DEPTH: 24"	SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM REQUIRED: 143 L.F. PROVIDED: 144 L.F. 4 ELJEN IN-DRAIN LATS @ 36' 144' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.
3	0"-9" TOP SOIL 9"-32" LTRB SILT LOAM W/ GRAV & SOME COBS 32"-82" BR SILT LOAM W/ GRAV. COBS & BOULDERS MOT @ 48"	0"-10" TOP SOIL 10"-30" LTRB SILT LOAM W/ GRAV & COBS 30"-84" BR GRAVELLY SILT LOAM W/COBS	PT1: 8 MIN. DEPTH: 24" PT2: 5 MIN. DEPTH: 24"	PT1: 8 MIN. DEPTH: 24" PT2: 5 MIN. DEPTH: 24"	SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM REQUIRED: 159 L.F. PROVIDED: 168 L.F. 3 ELJEN IN-DRAIN LATS @ 56' 168' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.
4	0"-10" TOP SOIL 10"-26" LTRB SILT LOAM W/ GRAV COBS & BOULDERS 26"-86" GRAVELLY, SILT LOAM W/COBS & BOULDERS	0"-11" TOP SOIL 11"-25" LTRB SILT LOAM W/ GRAV COBS & BOULDERS 25"-103" BR GRAVELLY SILT LOAM W/ COBS & BOULDERS	PT1: 13 MIN. DEPTH: 24" PT2: 3 MIN. DEPTH: 24" JSI: 4 MIN. DEPTH: 24"	PT1: 13 MIN. DEPTH: 24" PT2: 3 MIN. DEPTH: 24"	SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM REQUIRED: 192 L.F. PROVIDED: 192 L.F. 4 ELJEN IN-DRAIN LATS @ 48' 192' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.
5	0"-8" TOP SOIL 8"-32" LTRB SILT LOAM W/ GRAV. & CABS 32"-98" BR GRAVELLY SILT LOAM W/ COBS. & FRAC SHALE. REFUSAL @ 80"	0"-9" TOP SOIL 9"-31" LTRB SILT LOAM W/ GRAV 31"-51" BR SILT LOAM W/ GRAV. AND COBS	PT1: 3 MIN. DEPTH: 24" PT2: 16 MIN. DEPTH: 24"	PT1: 3 MIN. DEPTH: 24" PT2: 16 MIN. DEPTH: 24"	SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM REQUIRED: 205 L.F. PROVIDED: 205 L.F. 4 ELJEN IN-DRAIN LATS @ 52' 208' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.
6	0"-11" TOP SOIL 11"-33" LTRB SILT LOAM W/ GRAV. & SOME COBS 33"-89" BR GRAVELLY SILT LOAM W/ COBS & FRAC. SHALE	0"-6" TOP SOIL 6"-26" LT BR SILT LOAM W/ GRAV & SOME COBS 26"-94" BR GRAVELLY SILT W/ COBS & FRACT SHALE MOT @ 63"	PT1: 10 MIN. DEPTH: 24" PT2: 2 MIN. DEPTH: 24"	PT1: 10 MIN. DEPTH: 24" PT2: 2 MIN. DEPTH: 24"	SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM REQUIRED: 159 L.F. PROVIDED: 160 L.F. 4 ELJEN IN-DRAIN LATS @ 40' 160' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.
7	0"-12" TOPSOIL 12"-23" SAND WITH COBBLE AND GRAVEL 23"-76" SANDY LOAM MOT @ 42"	0"-16" TOP SOIL WITH LARGE COBBLES 16"-80" SILT LOAM WITH COBBLE AND GRAVEL MOTTLING @ 37"	PT1: 4 MIN. DEPTH: 24" PT2: 7 MIN. DEPTH: 24"	PT1: 4 MIN. DEPTH: 24" PT2: 7 MIN. DEPTH: 24"	SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM REQUIRED: 143 L.F. PROVIDED: 144 L.F. 3 ELJEN IN-DRAIN LATS @ 48' 144' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.
8	0"-6" TOP SOIL 6"-79" SILT LOAM WITH GRAVEL AND COBBLE	0"-9" TOP SOIL 9"-79" SILT LOAM WITH GRAVEL AND COBBLE	PT1: 7 MIN. DEPTH: 24" PT2: 2 MIN. DEPTH: 24"	PT1: 7 MIN. DEPTH: 24" PT2: 2 MIN. DEPTH: 24"	SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM REQUIRED: 143 L.F. PROVIDED: 144 L.F. 4 ELJEN IN-DRAIN LATS @ 36' 144' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.
9	0"-13" TOP SOIL (ROOT MASS) 13"-84" SILT LOAM W/ SOME FRAC. SHALE AND GRAVEL 84"-97" MOTTLLED CLAY WITH FRACTURED SHALE MOTTLING @ 49"	0"-13" TOP SOIL (ROOT MASS) 13"-35" SILT LOAM WITH GRAVEL 35"-95" SILT WITH GRAVEL, COBBLE AND MOTTLLED CLAY MOT @ 36"	PT1: 8 MIN. DEPTH: 24" PT2: 13 MIN. DEPTH: 24" JSI: 16 MIN. DEPTH: 24"	PT1: 8 MIN. DEPTH: 24" PT2: 13 MIN. DEPTH: 24"	SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM REQUIRED: 239 L.F. PROVIDED: 240 L.F. 6 ELJEN IN-DRAIN LATS @ 40' 240' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.
10	0"-10" TOP SOIL 10"-43" SILT LOAM WITH GRAVEL 43"-48" LENS OF MOTTLLED CLAY 48"-91" SILT LOAM WITH GRAVEL, TRACE BOULDERS, AND FRACTURED SHALE MOTTLING @ 43"	0"-10" TOP SOIL 10"-96" SILT LOAM WITH GRAVEL MOTTLING @ 56"	PT1: 11 MIN. DEPTH: 24" PT2: 1 MIN. DEPTH: 24" JSI: 160 MIN. DEPTH: 24" JSI: 3 MIN. DEPTH: 24"	PT1: 11 MIN. DEPTH: 24" PT2: 1 MIN. DEPTH: 24"	(JSI NOT UTILIZED) SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM REQUIRED: 159 L.F. PROVIDED: 160 L.F. 4 ELJEN IN-DRAIN LATS @ 40' 160' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.
11	0"-5" TOP SOIL (ROOT MASS) 5"-54" SILT LOAM WITH GRAVEL AND COBBLE 54"-87" SILT LOAM WITH COBBLE GRAVEL AND FRACTURED SHALE	0"-10" TOP SOIL 10"-33" SILT LOAM W/ GRAV. AND SOME COBBLE 33"-82" SILT LOAM WITH GRAVEL AND FRACTURED SHALE MOTTLING @ 31"	PT1: 15 MIN. DEPTH: 24" PT2: 2 MIN. DEPTH: 24" JSI: 20 MIN. DEPTH: 24"	PT1: 15 MIN. DEPTH: 24" PT2: 2 MIN. DEPTH: 24"	SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM REQUIRED: 208 L.F. PROVIDED: 208 L.F. 4 ELJEN IN-DRAIN LATS @ 52' 208' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.
12	0"-8" TOP SOIL 8"-25" SILT LOAM W/ GRAVEL 25"-97" SILT LOAM W/ GRAVEL, COBBLE AND FRACTURED SHALE	0"-8" TOP SOIL 8"-34" SILT WITH GRAVEL 34"-52" SILT WITH GRAVEL AND COBBLE 52"-92" MOTTLLED CLAY	PT1: 25 MIN. DEPTH: 24" PT2: 3 MIN. DEPTH: 24"	PT1: 25 MIN. DEPTH: 24" PT2: 3 MIN. DEPTH: 24"	SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM REQUIRED: 239 L.F. PROVIDED: 239 L.F. 5 ELJEN IN-DRAIN LATS @ 48' 240' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.
13	0"-5" TOP SOIL 5"-65" SILT LOAM W/ COBS AND GRAVEL MOTTLING @ 58"	0"-8" TOP SOIL 8"-27" SILT LOAM W/ COBS AND GRAVEL 27"-91" SILT LOAM WITH FRACTURED SHALE, COBS AND GRAVEL MOTTLING @ 52"	PT1: 4 MIN. DEPTH: 24" PT2: 3 MIN. DEPTH: 24" JSI: 9 MIN. DEPTH: 24"	PT1: 4 MIN. DEPTH: 24" PT2: 3 MIN. DEPTH: 24"	SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM REQUIRED: 159 L.F. PROVIDED: 160 L.F. 5 ELJEN IN-DRAIN LATS @ 32' 160' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.
14	0"-8" TOP SOIL 8"-90" SILT LOAM W/ GRAVEL AND COBBLE MOTTLING @ 48"	0"-10" TOP SOIL 10"-105" SILT LOAM WITH GRAVEL AND GRAVEL MOTTLING @ 23"	PT1: 5 MIN. DEPTH: 24" PT2: 40 MIN. DEPTH: 24" PT3: 7 MIN. DEPTH: 24" PT4: 11 MIN. DEPTH: 24"	PT1: 5 MIN. DEPTH: 24" PT2: 40 MIN. DEPTH: 24"	(PT2 NOT UTILIZED) SEPTIC DESIGNED FOR: 3 BEDROOM MAXIMUM REQUIRED: 134 L.F. PROVIDED: 140 L.F. 5 ELJEN IN-DRAIN LATS @ 28' 140' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.
15	0"-12" TOP SOIL 12"-30" SILT WITH GRAVEL 30"-96" SILT WITH GRAVEL, COBBLE AND TRACE BOULDERS	0"-9" TOP SOIL 9"-24" SILT WITH GRAVEL 24"-96" SILT LOAM WITH GRAVEL AND COB. MOTTLING @ 52"	PT1: 13 MIN. DEPTH: 24" PT2: 12 MIN. DEPTH: 24" JSI: 12 MIN. DEPTH: 24"	PT1: 13 MIN. DEPTH: 24" PT2: 12 MIN. DEPTH: 24"	SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM REQUIRED: 179 L.F. PROVIDED: 192 L.F. 6 ELJEN IN-DRAIN LATS @ 32' 192' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.
16	0"-12" TOP SOIL 12"-39" SILT LOAM WITH GRAVEL 39"-80" SILT WITH GRAVEL, AND COBBLE	0"-14" TOP SOIL 14"-36" SILT LOAM WITH GRAVEL 36"-94" SILT LOAM WITH GRAVEL AND COBBLE	PT1: 4 MIN. DEPTH: 24" PT2: 4 MIN. DEPTH: 24"	PT1: 4 MIN. DEPTH: 24" PT2: 4 MIN. DEPTH: 24"	SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM REQUIRED: 120 L.F. PROVIDED: 120 L.F. 4 ELJEN IN-DRAIN LATS @ 30' 120' TOTAL W/ 50% EXP. SEPTIC TANK SIZE: 1250 GAL.

NOTES: 1. PERCOLATION TESTS PERFORMED FROM APRIL TO JULY 2004 BY PIETRZAK & PFAU, P.L.L.C.
2. DEEP TEST PITS PERFORMED FROM APRIL TO JULY 2004 BY PIETRZAK & PFAU, P.L.L.C.
3. ALL PERCOLATION TESTS WERE TAKEN FROM 24" TO 30" UNLESS OTHERWISE NOTED.
4. SEPTIC SYSTEMS HAVE BEEN DESIGNED BASED ON 20% OF HOUSEHOLD WATER REQUIRING REVERSE OSMOSIS TREATMENT. THEREFORE RECHARGE FOR A 4 BEDROOM DWELLING IS EQUAL TO 3(500*0.2)/2=156 GAL/DAY. RECHARGE FOR A 3 BEDROOM DWELLING IS EQUAL TO 3(390*0.2)/2=117 GAL/DAY. RECHARGE WATER CONSUMPTION OF WATER FILTER=90 GAL/DAY. BACKWASH OF WATER SOFTENER=92 GAL/DAY. FOR ALL LOTS EXCEPT LOT 14. BACKWASH OF WATER SOFTENER=46 GAL/DAY FOR LOT 14. TOTAL DESIGN BACKWASH IS 338 GAL/DAY FOR ALL LOTS EXCEPT LOT 14. TOTAL DESIGN BACKWASH IS 253 GAL/DAY FOR LOT 14.
5. FOR ALL DEEP TEST PITS RESULTS WHICH DO NOT REFERENCE GROUND WATER OR BEDROCK/REFUSAL, THESE FACTORS WERE NOT ENCOUNTERED IN THAT TEST.
6. JOINT SITE INSPECTION TESTS WERE PERFORMED ON 8-10-06, 8-22-06 AND 9-12-06 BY PIETRZAK & PFAU, AND WITNESSED BY ED BANKE, ALLEN KALLEBERG AND MIKE GAUTHIER OF THE ORANGE COUNTY HEALTH DEPARTMENT.

BACKFILL IMMEDIATELY OR TEMPORARILY COVER TRENCH WITH IMPERVIOUS COVER, MOUND BACKFILL SLIGHTLY, GRADE AFTER SETTLEMENT AND SEED.



ELJEN IN-DRAIN CROSS SECTION DETAIL

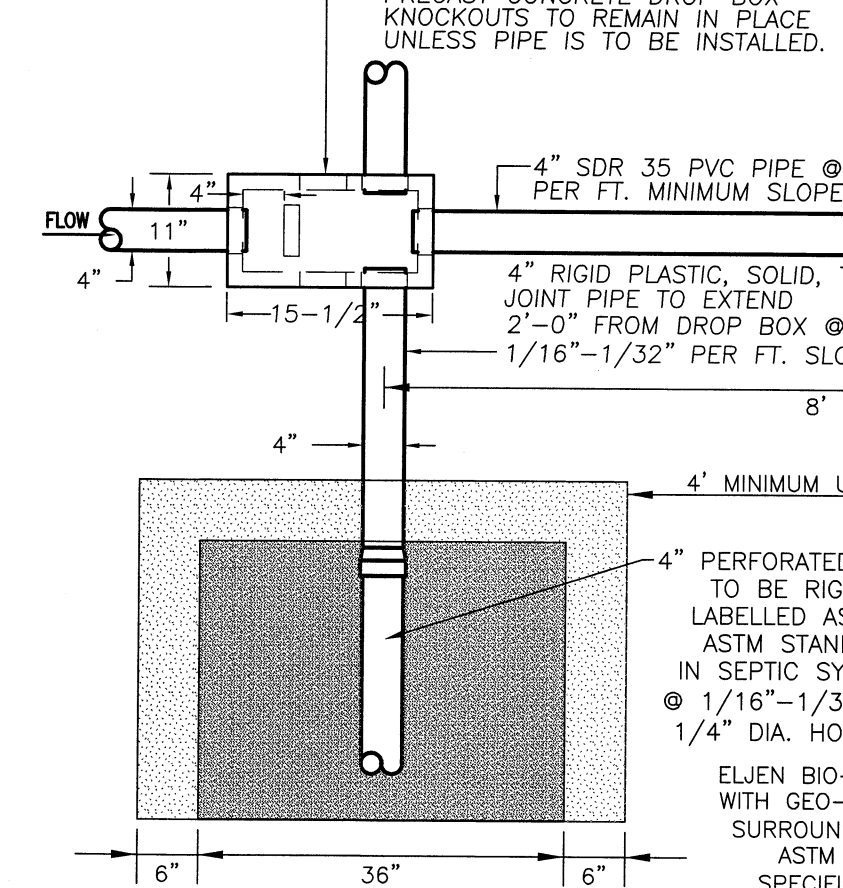
SIEVE SIZE	SIEVE SQUARE OPENING SIZE	SPECIFICATION % PASSING (WET SIEVE)
0.375"	9.5 mm	100.0 - 100.0
#8	2.36 mm	80.0 - 100.0
#16	1.18 mm	50.0 - 85.0
#30	600 µm	25.0 - 60.0
#50	300 µm	5.0 - 30.0
#100	150 µm	< 10.0
#200	75 µm	< 5.0

ASTM C33 SAND SPECIFICATION

NOTES: 1. DISTRIBUTION BOX TO BE AS MANUFACTURED BY WOODARD'S CONCRETE PRODUCTS, INC. MODEL NO. DB-9 OR APPROVED EQUAL.
2. CONCRETE TO TEST 4000 PSI AT 28 DAYS.
3. ALL OUTLETS NOT USED SHALL REMAIN PLUGGED.
4. BOX TO BE INSTALLED WITH A MIN. 6" AND MAX. 12" EARTH COVER.
5. BOX TO BE INSTALLED ON 12" MIN. OF SAND, PEA GRAVEL, OR TRENCH AGGREGATE.
6. THE FIRST 10' OF ALL PIPE LEAVING DISTRIBUTION BOX SHALL BE LAID AT EQUAL SLOPES.
7. PIPE JOINTS TO BE SEALED WITH POLYLOK SEAL OR EQUAL.
8. INVERT ELEVATIONS OF ALL OUTLET PIPES TO BE EQUAL.
9. THE USE OF FLOW EQUALIZERS/LEVELERS IS REQUIRED.
10. DISTRIBUTION BOX OUTLETS MUST BE USED IN A MANNER THAT WILL ALLOW ACCESS FOR THE EXPANSION AREA WITHOUT DISTURBING THE EXISTING PIPING.
11. POLYETHYLENE BAFFLE TO BE INSTALLED WITHIN THE DISTRIBUTION BOX PER MANUFACTURERS REQUIREMENTS.
12. DISTRIBUTION BOXES SHOULD BE INSPECTED PERIODICALLY TO ASSURE THAT THEY ARE LEVEL AND OPERATING PROPERLY.

8-OUTLET DISTRIBUTION BOX DETAIL (LOTS 12 & 13 ONLY)

PRECAST CONCRETE DROP BOX BY WOODARD, MODEL NO. DB-6DB OR EQUAL. KNOCKOUTS TO REMAIN IN PLACE UNLESS PIPE IS TO BE INSTALLED.



ELJEN IN-DRAIN SYSTEM DROP BOX ABSORPTION TRENCH DETAIL

NOTES: 1. ABSORPTION FIELDS SHALL NOT BE BUILT UNDER DRIVEWAYS, PARTS OF BUILDINGS OR UNDER ABOVE-GROUND POOLS OR OTHER AREAS SUBJECT TO HEAVY LOADINGS.
2. THE AGGREGATE SHALL BE COVERED WITH THE GEOTEXTILE FABRIC PROVIDED WITH EACH UNIT.
3. TRENCHES SHALL NOT BE CONSTRUCTED IN WET SOIL.
4. SIDES AND BOTTOM OF TRENCHES SHALL BE RAKED IMMEDIATELY PRIOR TO PLACING SAND.
5. THE END OF ALL DISTRIBUTOR PIPES SHALL BE PLUGGED.
6. HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE FIELD EXCEPT FOR ACTUAL CONSTRUCTION OF THE FIELD.
7. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE AREA OF THE PROPOSED FIELD, BEFORE AND AFTER CONSTRUCTION.
8. DISTRIBUTION LATERALS SHALL BE SLOPED AT 1/16"-1/32" PER FOOT.
9. ABSORPTION TRENCHES SHALL BE SET WITH PERFORATIONS FACING DOWN.
10. DISTRIBUTION LATERALS ARE TO BE SET WITH PERFORATIONS FACING DOWN.
11. DISTRIBUTION BOXES SHOULD BE INSPECTED PERIODICALLY TO ASSURE THAT THEY ARE LEVEL AND OPERATING PROPERLY.

ELJEN IN-DRAIN SYSTEM DROP BOX ABSORPTION TRENCH DETAIL

NOTES: 1. ABSORPTION FIELDS SHALL NOT BE BUILT UNDER DRIVEWAYS, PARTS OF BUILDINGS OR UNDER ABOVE-GROUND POOLS OR OTHER AREAS SUBJECT TO HEAVY LOADINGS.
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ELJEN IN-DRAIN SYSTEM DROP BOX ABSORPTION TRENCH DETAIL

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ELJEN IN-DRAIN SYSTEM DROP BOX ABSORPTION TRENCH DETAIL

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4. SIDES AND BOTTOM OF TRENCHES SHALL BE RAKED IMMEDIATELY PRIOR TO PLACING SAND.
5. THE END OF ALL DISTRIBUTOR PIPES SHALL BE PLUGGED.
6. HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE FIELD EXCEPT FOR ACTUAL CONSTRUCTION OF THE FIELD.
7. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE AREA OF THE PROPOSED FIELD, BEFORE AND AFTER CONSTRUCTION.
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