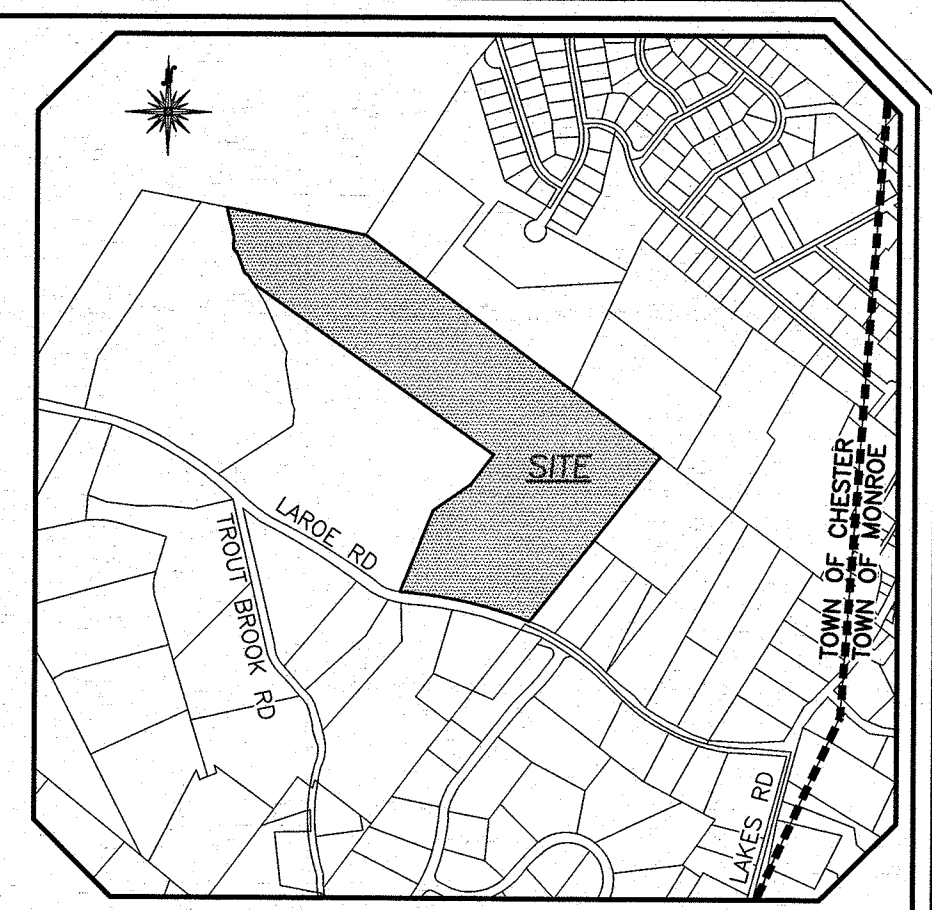
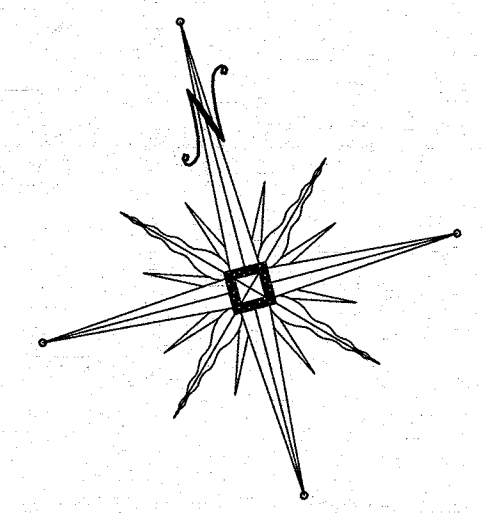


WOODRIDGE — CLUSTER SUBDIVISION

TOWN OF CHESTER
ORANGE COUNTY, NEW YORK



LOCATION MAP
SCALE 1" = 1000'



PLAN INDEX	
SHEET NO.	DRAWING TITLE
1	COVER SHEET
2	EXISTING CONDITIONS
3	SUBDIVISION PLAN
4	UTILITY PLAN
5	GRADING PLAN
6	LANDSCAPING PLAN
7	ROADWAY CONSTRUCTION
8	EROSION CONTROL PLAN
9	INDIVIDUAL LOT CONSTRUCTION
10	EROSION CONTROL PHASING PLAN
11	EROSION CONTROL DETAILS
12	PROFILE VIEW & SITE DETAILS
13	DRIVEWAY PROFILES
14	STORMWATER POND DETAILS
15	O.C.D.P.W. DETAILS

- GENERAL NOTES:**
- TAX MAP DESIGNATION: TOWN OF CHESTER: SECTION 8 BLOCK 1 LOT 50.2
 - TOTAL AREA OF PARCEL: 42.3± ACRES.
 - PARCEL IS LOCATED WITHIN THE AR-3 ZONING DISTRICT.
 - PARCEL IS LOCATED WITHIN THE MONROE WOODBURY SCHOOL DISTRICT.
 - A CONVENTIONAL YIELD PLAN HAS BEEN PREPARED PROPOSING 10 LOTS.
 - PARCEL IS LOCATED WITHIN THE CHESTER FIRE DISTRICT.
 - TOTAL NUMBER OF RESIDENTIAL LOTS PROPOSED: 10.
 - ALL LOTS TO BE SERVED BY INDIVIDUAL WELL AND SEWAGE DISPOSAL SYSTEMS.
 - POSTED SPEED LIMIT ALONG LAKE ROAD IS 30 MPH. THE MINIMUM STOPPING SIGHT DISTANCE FOR A 30 MPH ROAD IS 200 FEET.
 - NO PORTION OF THIS SUBDIVISION IS LOCATED WITHIN A N.Y.S.D.E.C. REGULATED WETLAND OR FEDERAL JURISDICTIONAL WETLAND.
 - THE DESIGN AND LOCATION OF SANITARY FACILITIES (WATER AND SEWER SYSTEMS) SHALL NOT BE CHANGED.
 - A TIME OF YEAR RESTRICTION FOR TREE REMOVAL BETWEEN NOVEMBER 1 AND MARCH 31 IS TO BE IMPLEMENTED FOR THIS PROJECT TO AVOID IMPACTS TO THE INDIANA BATS.

- 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 N.Y.S. 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.
 - 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.
 - UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS, IF ANY, ARE NOT SHOWN HEREON.
 - CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION AS UNDERGROUND IMPROVEMENTS MAY EXIST WHICH WERE NOT LOCATED AT THE TIME OF THIS SURVEY.
 - ALL INTERIOR FEATURES ARE NOT SHOWN HEREON.
 - SUBJECT TO AN UP TO DATE AND ACCURATE TITLE REPORT.
 - SUBJECT TO ANY EASEMENTS OR AGREEMENTS, IF ANY.
 - SUBJECT TO ANY RIGHTS, TITLE OR INTEREST BY OTHERS TO PROPERTY IN/AND OR ALONG THE ROADWAYS SHOWN HEREON.
 - SUBJECT TO ANY RIGHTS, TITLE, EASEMENTS, OR INTEREST BY UTILITY COMPANIES TO UTILITIES RUNNING IN AND/OR ALONG SAID PARCELS.
 - TOPOGRAPHY AND SOME EXISTING FEATURES BASED ON AN AERIAL SURVEY PREPARED BY ROBINSON AERIAL SURVEYS, INC. ON JUNE 5, 2014.

- CONSTRUCTION NOTES:**
- CONTRACTOR SHALL FIELD LOCATE ALL EXISTING UTILITIES AND VERIFY ALL LOCATIONS, ELEVATIONS, INVERTS, ETC. PRIOR TO ANY CONSTRUCTION AND NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES ON THIS PLAN.
 - CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND HAVE UTILITIES FIELD LOCATED BY RESPECTIVE UTILITY COMPANIES AND SHALL ASSUME FULL RESPONSIBILITY AND SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING CONTINUOUS UTILITY SERVICE AND REPAIRS TO ANY DAMAGE.
 - PROJECT SAFETY AND TRAFFIC MAINTENANCE ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
 - CONTRACTOR TO COORDINATE WITH ALL COMPANIES TO ASSURE ADEQUATE SUPPLY AND SCHEDULING OF NEW SERVICE, WHERE REQUIRED, TO FIT THE CONSTRUCTION SCHEDULING AND SEQUENCE TO ASSURE NO DAMAGE OR DISTURBANCE TO EXISTING SERVICES.

- RIDGE OVERLAY PROTECTION NOTE:**
- ALL PROPOSED DWELLINGS ARE TO BE CONSTRUCTED WITHIN THE RIDGE PRESERVATION OVERLAY DISTRICT AND SHALL BE CONSTRUCTED IN CONFORMANCE WITH SECTION 96-28 OF THE TOWN OF CHESTER CODE.

ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTE:

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.



BEFORE YOU DIG, DRILL OR BLAST:

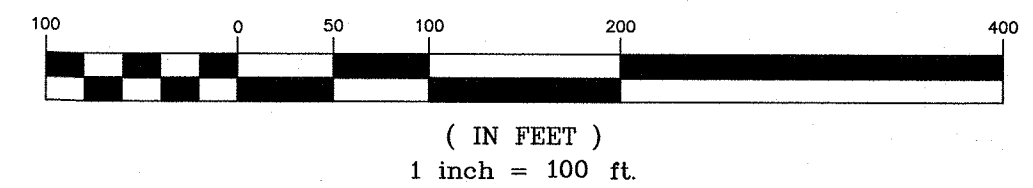
- CALL TOLL FREE 1-800-962-7962
- NY INDUSTRIAL CODE RULE 753 REQUIRES NO LESS THAN TWO WORKING DAYS NOTICE, BUT NOT MORE THAN TEN DAYS NOTICE.
- UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NYS EDUCATION LAW.
- THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THE SET.

BULK REQUIREMENTS-TOWN OF CHESTER			
ZONE AR-3 (AGRICULTURAL RESIDENTIAL)			
USE GROUP-SINGLE FAMILY DETACHED DWELLINGS			
CLUSTER DEVELOPMENT - NO SEWER OR WATER			
	MIN. REQUIRED	PROVIDED	
LOT AREA (SQ.FT.)	32,760	>32,760	
LOT WIDTH (FT.)	100	>100	
FRONT YARD (FT.)	35	>35	
REAR YARD (FT.)	40	>40	
SIDE YARD (FT.)	15	>15	
BOTH SIDE YARDS (FT.)	30	>30	
	MAX. PERMITTED	PROVIDED	
BUILDING COVERAGE (%)	20	<20	
BLDG. HEIGHT (FT.)	40	<40	

LEGEND

- PROPOSED PROPERTY LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING PROPERTY LINE
- EXISTING TREELINE
- EXISTING GUARD RAIL
- EXISTING RIP-RAP SWALE
- EXISTING OVERHEAD UTILITIES
- EXISTING GUY WIRE
- EXISTING UTILITY POLE WITH OVERHEAD WIRES
- EXISTING SIGN

GRAPHIC SCALE



RESERVED FOR TOWN PLANNING BOARD APPROVAL

FOR HEALTH DEPARTMENT APPROVAL

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.

RECORD OWNER/APPLICANT
LARO ROAD DEVELOPER LLC
P.O. BOX 59, 811 LARO ROAD
HIGHLAND MILLS, NY 10950

DATE	DESCRIPTION	INITIALS
01-21-18	REVISIONS AS PER 9/2 COMMENT LETTER	NR
08-17-15	REVISIONS AS PER O.C.D.P.W. LETTER	NR
06-01-15	REVISIONS AS PER O.C.D.P.W. LETTER	NR
12-15-14	REVISIONS AS PER 12/2 COMMENT LETTER	NR
11-18-14	REVISIONS AS PER 10/9 COMMENT LETTER	NR
10-01-14	DESIGN PREPARATION DATE	NR
12-05-13	CLUSTER SKETCH PLAN PREPARATION DATE	JJP
DATE	REVISIONS	INITIALED BY:
MAP CHECK DATE: 00-00-00		--

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC
282 GREENWICH AVENUE, SUITE A
GOSHEN, NEW YORK 10924
(845) 284-0006

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

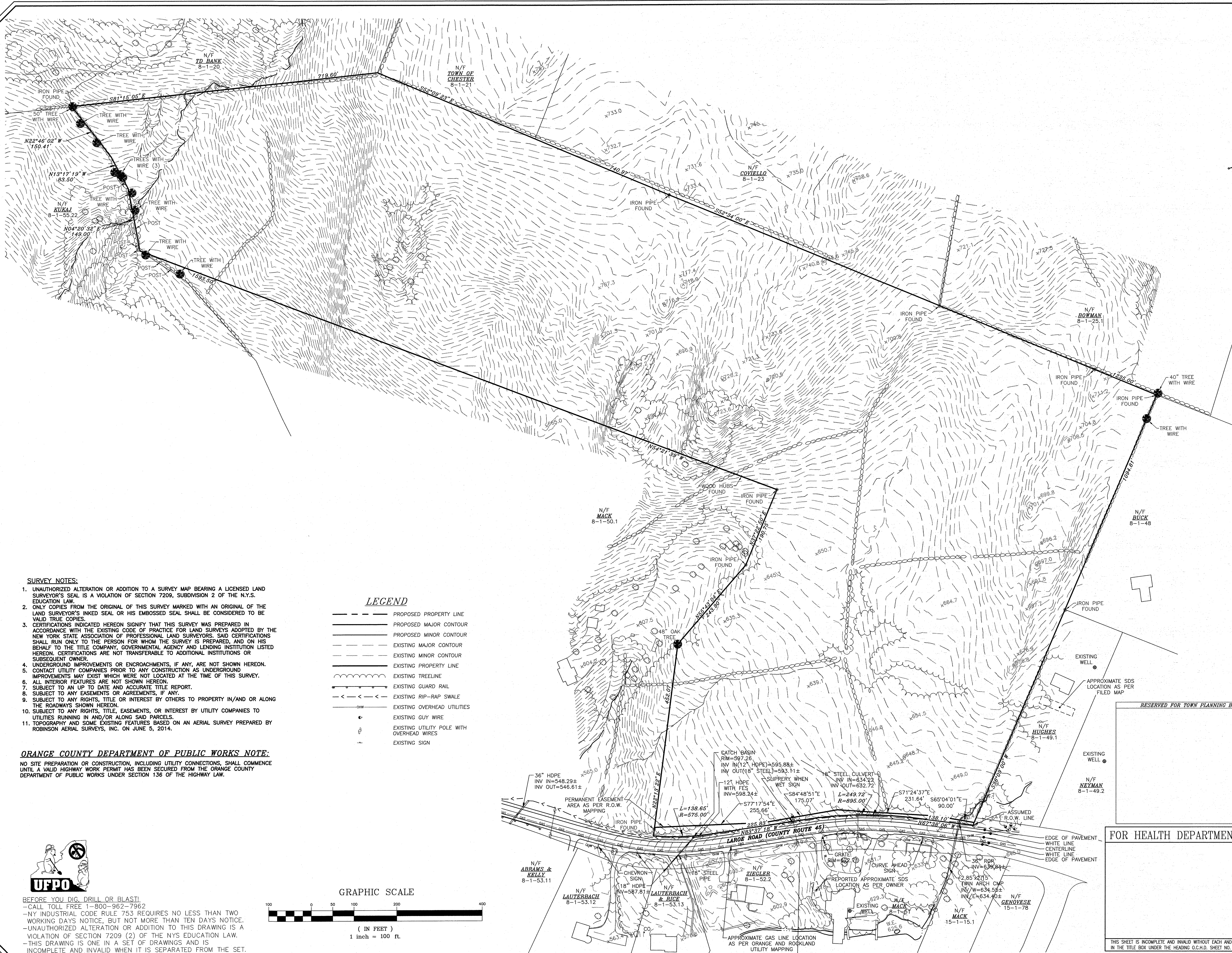
JOSEPH A. PIETRZAK P.E.
LICENSE NO. 050023

MICHAEL F. PFAU P.E.
LICENSE NO. 050023

1-21-16
DATE

WOODRIDGE CLUSTER
SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK
PROJECT TITLE

COVER SHEET		
SECTION 8 BLOCK 1 LOT 50.2		
DRAWING TITLE		
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O.C.D. SHEET NO. N/A OF	D.E.C. SHEET NO. N/A OF	DRAWING NUMBER 1 OF 15
SCALE 1" = 100'	CAD REFERENCE 14102 ENG BASE	PROJECT NUMBER 14102.01



SURVEY NOTES:

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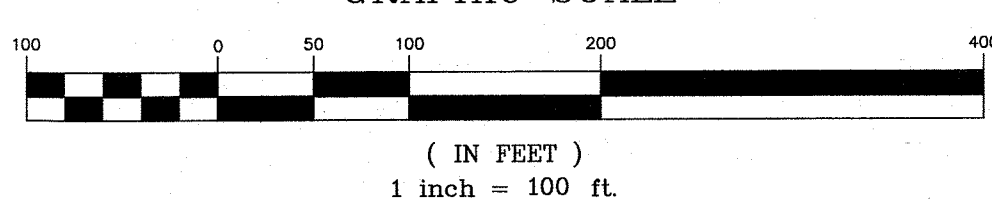
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LEGEND

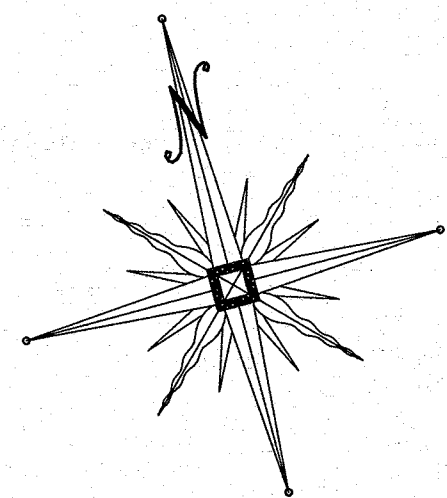
- PROPOSED PROPERTY LINE
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GRAPHIC SCALE



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I HEREBY CERTIFY THAT THIS MAP HAS BEEN PREPARED FROM AN ACTUAL FIELD SURVEY COMPLETED ON NOVEMBER, 18, 2014

RECORD OWNER/APPLICANT
LAROE ROAD DEVELOPER LLC
P.O. BOX 59, 811 LAROE ROAD
HIGHLAND MILLS, NY 10980

DATE	DESCRIPTION	INITIALS
01-21-16	REVISIONS AS PER 9/2 COMMENT LETTER	NR
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06-01-15	REVISIONS AS PER O.C.D.P.W. LETTER	NR
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10-01-14	DESIGN PREPARATION DATE	NR
12-05-13	CLUSTER SKETCH PLAN PREPARATION DATE	JUP

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

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC

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GOSHEN, NEW YORK 10824
(845) 284-6006

2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(845) 798-4646

JOSEPH J. PFAU P.E.
LICENSE NO. 050845

MICHAEL F. CROGGAN P.L.S.
LICENSE NO. 050823

WOODRIDGE CLUSTER
SUBDIVISION

TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE

EXISTING CONDITIONS
SECTION 8 BLOCK 1 LOT 50.2

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. N/A OF D.E.C. SHEET NO. 14102 ENG BASE DRAWING NUMBER 2 OF 15 PROJECT NUMBER 14102.01

FOR HEALTH DEPARTMENT APPROVAL

RESERVED FOR TOWN PLANNING BOARD APPROVAL

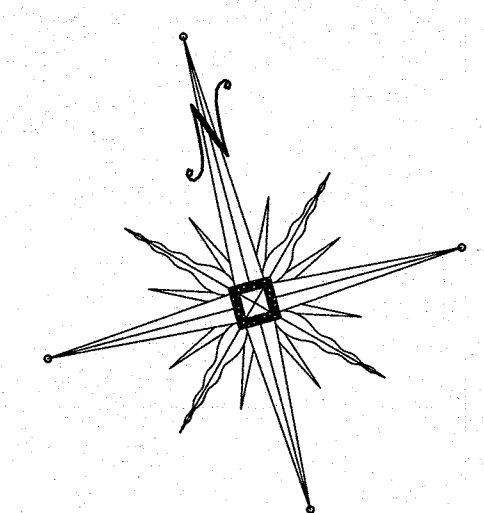
EDGE OF PAVEMENT
WHITE LINE
CENTERLINE
WHITE LINE
EDGE OF PAVEMENT

APPROXIMATE GAS LINE LOCATION
AS PER ORANGE AND ROCKLAND
UTILITY MAPPING

APPROXIMATE SDS
LOCATION AS PER
FILED MAP

EXISTING WELL

EXISTING WELL



I HEREBY CERTIFY THAT THIS MAP HAS
BEEN PREPARED FROM AN ACTUAL
FIELD SURVEY COMPLETED ON
NOVEMBER, 18, 2014

01-21-16	REVISIONS AS PER 9/2 COMMENT LETTER	NR
08-17-15	REVISIONS AS PER O.C.D.P.W. LETTER	NR
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10-01-14	DESIGN PREPARATION DATE	NR
12-05-13	CLUSTER SKETCH PLAN PREPARATION DATE	JJP
DATE	DESCRIPTION	INITIALS

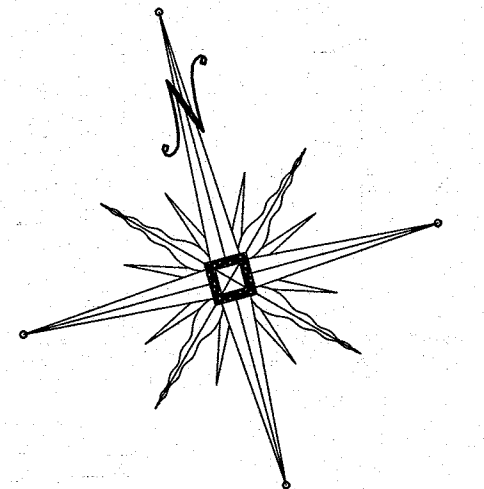
RESERVED FOR TOWN PLANNING BOARD APPROVAL

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DRAWING TITLE		
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.		
O.C.H.D. SHEET NO. N/A OF	D.E.C. SHEET NO. N/A OF	DRAWING NUMBER 3 OF 15
SCALE 1" = 100'	CAD REFERENCE 14102 ENG BASE	PROJECT NUMBER 14102.01

LOT #	D-BOX ELEV.	SEPTIC TANK OUTLET ELEV.	L.S.E.
1	639.0	639.3	639.9
2	649.0	649.4	650.0
3	657.5	657.7	658.3
4	666.5	666.9	667.5
5	676.5	676.6	677.2
6	672.0	672.4	673.0
7	662.0	662.3	662.9
8	648.0	648.2	648.8
9	638.0	638.2	638.8
10	624.5	625.5	626.1

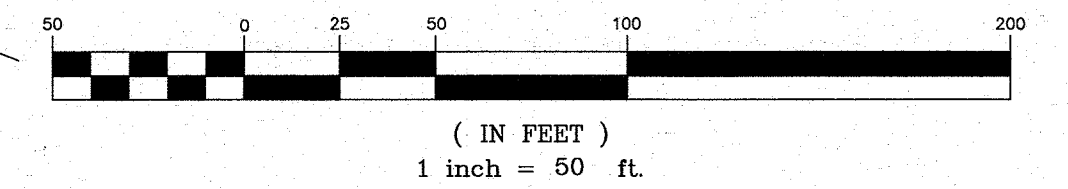
N/F
MACK
8-1-50.1



LEGEND

- PROPOSED WELL
- PROPOSED CONVENTIONAL SDS SYSTEM
- PROPOSED ELJEN SDS SYSTEM
- PROPOSED PROPERTY LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING PROPERTY LINE
- EXISTING TREELINE
- EXISTING GUARD RAIL
- EXISTING RIP-RAP SWALE
- EXISTING OVERHEAD UTILITIES
- EXISTING GUY WIRE
- EXISTING UTILITY POLE WITH OVERHEAD WIRES
- EXISTING SIGN
- SOIL PERCOLATION TEST
- SOIL DEEP TEST

GRAPHIC SCALE



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10-01-14	DESIGN PREPARATION DATE	NR
12-05-13	CLUSTER SKETCH PLAN PREPARATION DATE	JJP

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

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC
282 GREENWICH AVENUE, SUITE A
GOSHEN, NEW YORK 10924
(845) 294-0606
2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(845) 796-4646

JOSEPH J. PFAU P.E.
LICENSED PROFESSIONAL ENGINEER
NO. 050075
MICHAEL F. CHERGAN P.L.S.
LICENSED PROFESSIONAL LAND SURVEYOR
NO. 050023

WOODBRIDGE CLUSTER
SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK
PROJECT TITLE

UTILITY PLAN
SECTION 8 BLOCK 1 LOT 50.2
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. N/A OF N/A OF D.E.C. SHEET NO. 4 OF 15 DRAWING NUMBER 4 OF 15
SCALE 1" = 50' CAD REFERENCE 14102 ENG BASE PROJECT NUMBER 14102.01

FOR HEALTH DEPARTMENT APPROVAL

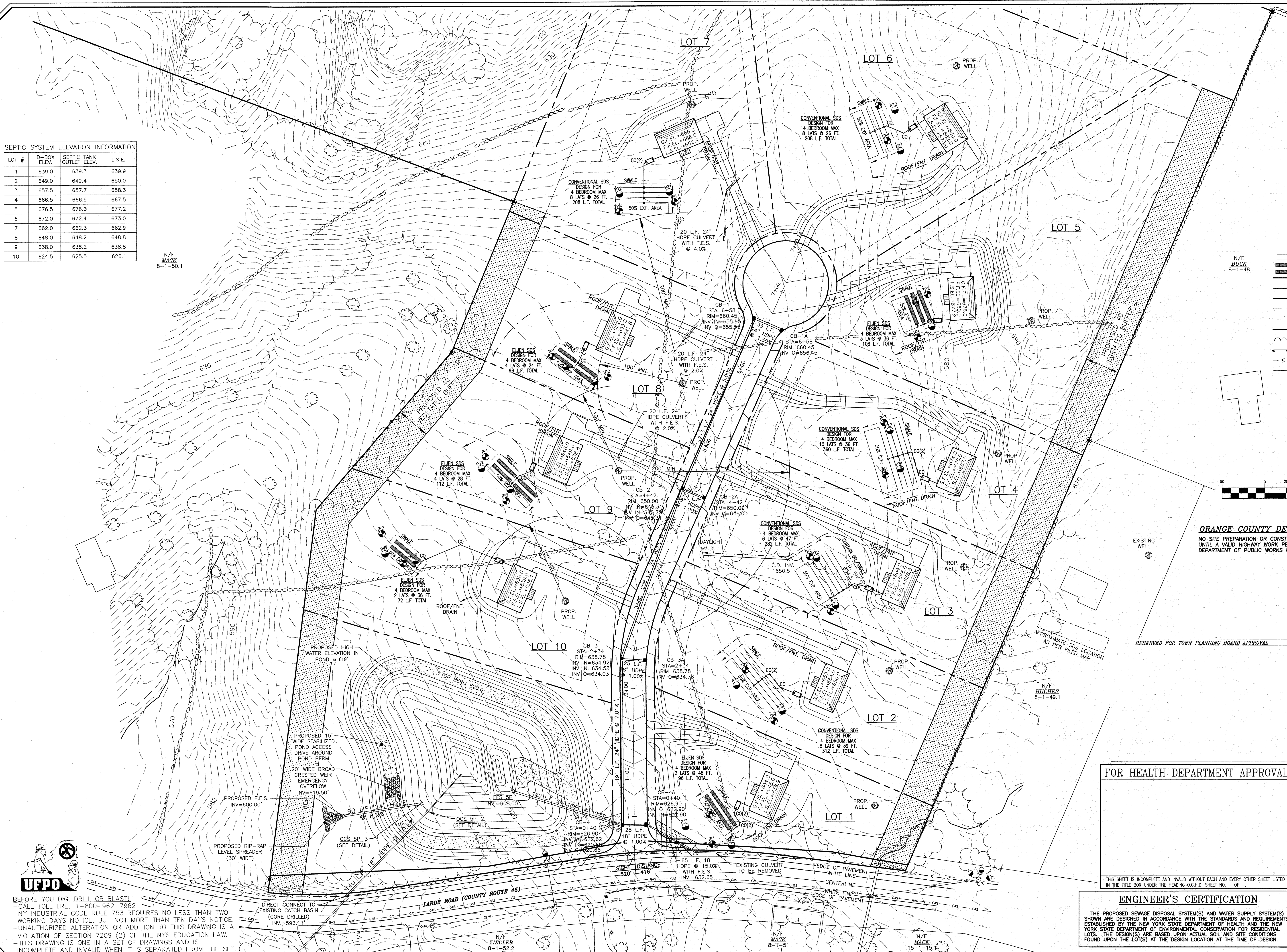
ENGINEER'S CERTIFICATION
THIS SHEET IS INCOMPLETE AND INVALID WITHOUT EACH AND EVERY OTHER SHEET LISTED IN THE TITLE BOX UNDER THE HEADING O.C.H.D. SHEET NO. - OF -.

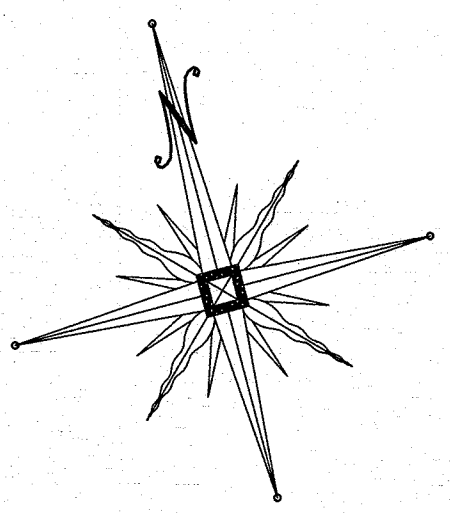
THE PROPOSED SEWAGE DISPOSAL SYSTEM(S) AND WATER SUPPLY SYSTEM(S) SHOWN ARE DESIGNED IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS ESTABLISHED BY THE NEW YORK STATE DEPARTMENT OF HEALTH AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION FOR RESIDENTIAL LOTS. THE DESIGN(S) ARE BASED UPON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



BEFORE YOU DIG, DRILL OR BLAST!
-CALL TOLL FREE 1-800-962-7962
-NY INDUSTRIAL CODE RULE 753 REQUIRES NO LESS THAN TWO WORKING DAYS NOTICE, BUT NOT MORE THAN TEN DAYS NOTICE.
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-THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THE SET.

DIRECT CONNECT TO EXISTING CATCH BASIN (CORE DRILLED)
INV.=593.11'

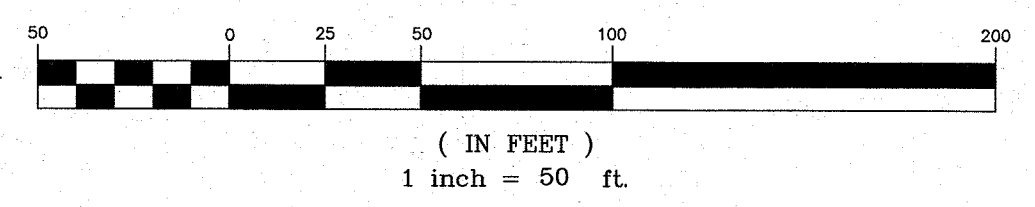




LEGEND

- PROPOSED WELL
- PROPOSED CONVENTIONAL SDS SYSTEM
- PROPOSED ELJEN SDS SYSTEM
- PROPOSED PROPERTY LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING PROPERTY LINE
- EXISTING TREELINE
- EXISTING GUARD RAIL
- EXISTING RIP-RAP SWALE
- EXISTING OVERHEAD UTILITIES
- EXISTING GUY WIRE
- EXISTING UTILITY POLE WITH OVERHEAD WIRES
- EXISTING SIGN
- SOIL PERCOLATION TEST
- SOIL DEEP TEST

GRAPHIC SCALE



ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTE:
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MAP CHECK DATE: 00-00-00	INITIALED BY: --
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MICHAEL F. CROGAN, P.L.S.
LICENSE NO. 050223

VINCENT J. PIETRZAK, P.L.S.
P.E. LICENSE NO. 076886
N.Y.P.S. LICENSE NO. 35396

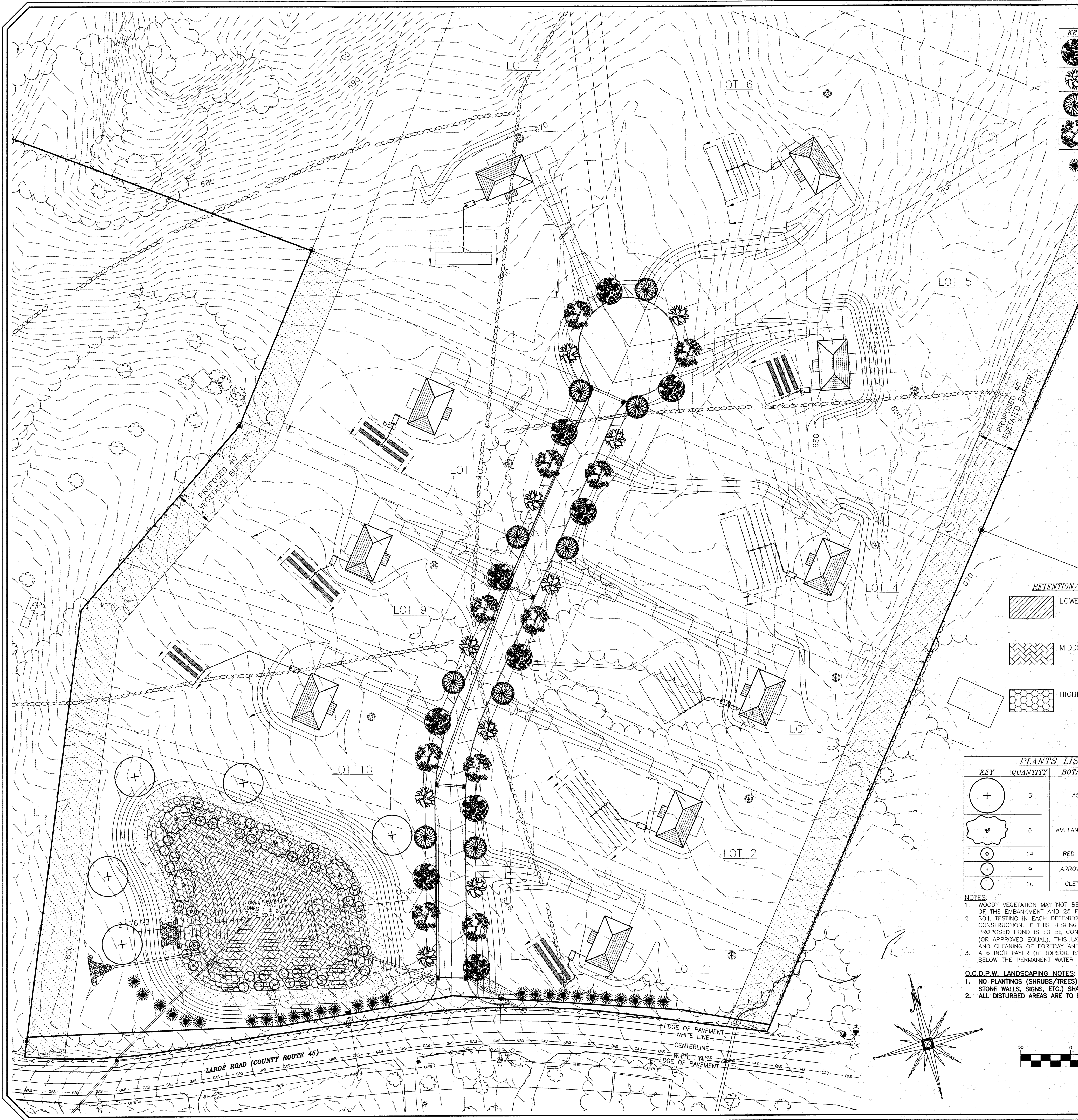
1-21-16
DATE

WOODRIDGE CLUSTER
SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK
PROJECT TITLE

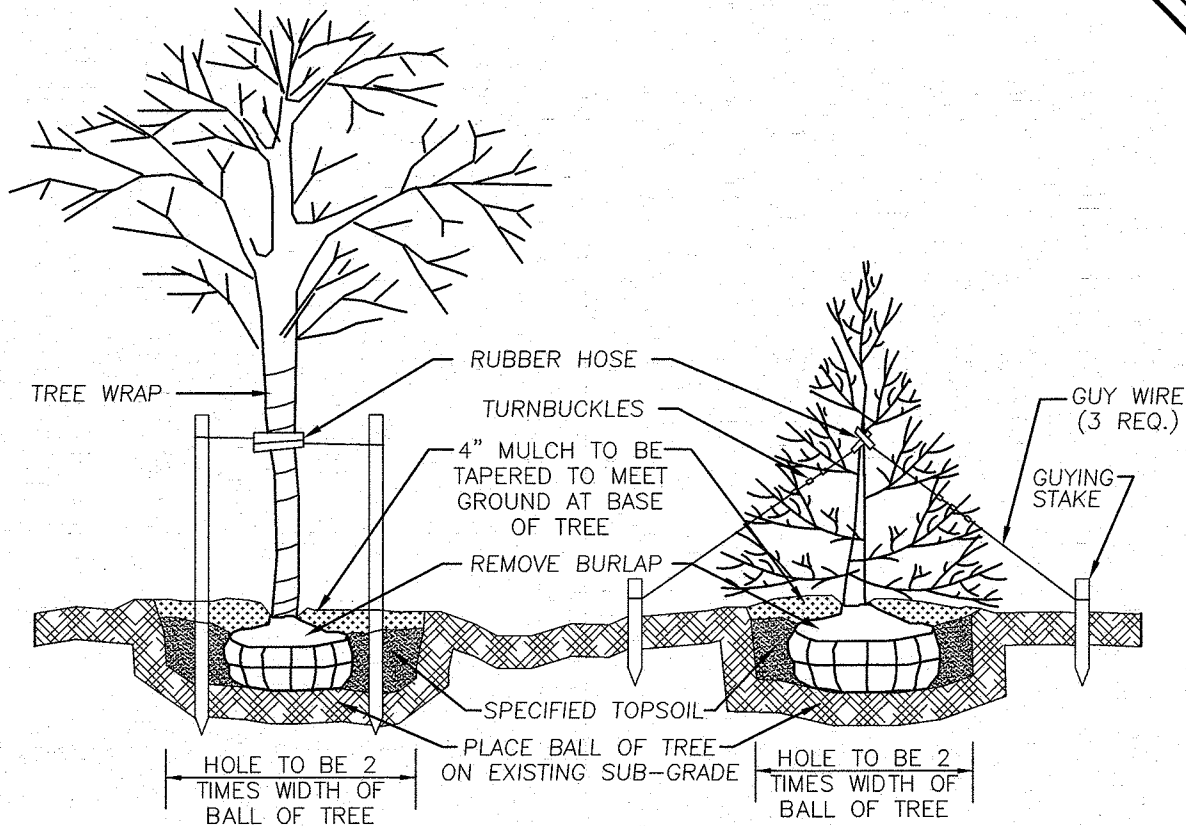
RESERVED FOR TOWN PLANNING BOARD APPROVAL		
GRADING PLAN		
SECTION 8 BLOCK 1 LOT 50.2		
DRAWING TITLE		
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.		
O.C.D. SHEET NO. N/A OF	D.E.C. SHEET NO. N/A OF	DRAWING NUMBER 5 OF 15
SCALE 1" = 50'	CAD REFERENCE 14102.ENG BASE	PROJECT NUMBER 14102.01



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STREET TREE AND SCREENING PLANTS LIST					
KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
	10	ACER RUBRUM	RED MAPLE	3" TO 3-1/2" C	B & B
	10	ACER SACCHARUM	SUGAR MAPLE	3" TO 3-1/2" C	B & B
	9	QUERUS PALUSTRIS	PIN OAK	2 1/2 TO 3" CAL.	B & B
	10	QUERUS RUBRA	NORTHERN RED OAK	3" TO 3-1/2" C	B & B
	27	THUJA PLICATA	GREEN GIANT ARBORVITAE	2 1/2" TO 3" C	B & B



DECIDUOUS TREES
PLANTING & GUYING DETAIL
N.T.S.

SHADE & SCREENING 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 ROOT 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 LOOSENEED 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 83-206.
- 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.)
- 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.
- STREET TREES ARE SHOWN ON THE PLAN, IF EXISTING TREES REMAIN WITHIN 20' OF THE PUBLIC OR PRIVATE ROAD, AND NO GRADING OCCURRED UNDER THE DRIP LINE OF THE CANOPY OF THE TREE, IT MAY BE COUNTED AS A STREET TREE AND A NEWLY PLANTED TREE MAY NOT BE NECESSARY. THE DETERMINATION FOR THE NEED FOR STREET TREES AFTER THE ROAD IS INSTALLED, SHALL BE THE DISCRETION OF THE TOWN OF CHESTER BUILDING DEPARTMENT OR THEIR CONSULTANT.

LANDSCAPE WARRANTY NOTE:

- ALL PLANTS SHALL BE WARRANTED FOR A PERIOD OF TWO YEARS. REPLACE, IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS, ALL PLANTS THAT ARE MISSING, MORE THAN 25% DEAD, DO NOT DEVELOP FROM PLANTING STOCK, APPEAR UNHEALTHY OR UNSIGHTLY AND/OR HAVE LOST THEIR NATURAL SHAPE DUE TO DEAD BRANCHES, ANY TREE THAT LOSES THE MAIN LEADER SHALL BE REPLACED.
- PLANT MATERIAL SHALL BE INSPECTED BY A REPRESENTATIVE (OR LANDSCAPE ARCHITECTURAL CONSULTANT) FROM THE TOWN OF CHESTER UPON COMPLETION OF WORK AND DURING EVERY GROWING SEASON FOR TWO YEARS. PLANTS THAT NEED REPLACEMENT SHALL BE NOTED ON AN INSPECTION REPORT AND MUST BE REPLACED WITHIN TWO MONTHS OF RECEIPT OF THE INSPECTION REPORT OR WITHIN TWO MONTHS FOLLOWING THE NEXT GROWING SEASON.

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.

RETENTION/DETENTION POND PLANTINGS:

- LOWER ZONE (NYS DEC ZONES 1 & 2):
PONTEDERIA CORDATA, PICKLEWEED
SCIRPUS PUNGENS, COMMON THREE-SQUARE
TYPHA SPP., CATTAIL
VALLISNERIA AMERICANA, WILD CELERY
- MIDDLE ZONE (NYS DEC ZONES 3 & 4):
CAREX LACUSTRIS, LAKEBANK SEDGE
SAGITTARIA LATIFOLIA, DUCK POTATO
SCIRPUS CYPERNUS, WOOL GRASS
SCIRPUS VALIDUS, SOFT-STEM BULRUSH
- HIGHER ZONE (NYS DEC ZONES 5 & 6):
DESCHAPSIA CAESPITOSA, TUFTED HAIRGRASS
GLYCERIA STRIATA, FOWL MANNAGRASS
JUNCUS EFFUSUS, SOFT RUSH
PANICUM VIRGATUM, SWITCH GRASS

PLANTS LIST (NOT FOR OCHD REVIEW OR APPROVAL)				
KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE
	5	ACER RUBRUM	RED MAPLE	3" TO 3-1/2" C
	6	AMELANCHIER CNADENSIS	SHADBLow SERVICEBERRY	18"-24"
	14	RED TWIG DOGWOOD	CORNUS SERICEA	18"-24"
	9	ARROWOOD CIBURNUM	VIBURNUM DENTATUM	18"-24"
	10	CLETHRA ALNIFOLIA	SUMMERSWEET	18"-24"

- NOTES:
- WOODY VEGETATION MAY NOT BE PLANTED OR ALLOWED TO GROW WITHIN 15 FEET OF THE TOE OF THE EMBANKMENT AND 25 FEET FROM THE PRINCIPAL SPILLWAY STRUCTURE.
 - SOIL TESTING IN EACH DETENTION POND AREA IS TO BE CONDUCTED AT THE TIME OF POND CONSTRUCTION. IF THIS TESTING REVEALS THAT SIGNIFICANT INFILTRATION WILL OCCUR, THE PROPOSED POND IS TO BE CONSTRUCTED WITH A 6 TO 12 INCH NON-PERMEABLE CLAY LAYER (OR APPROVED EQUAL). THIS LAYER IS TO BE COMPACTED AND HARDENED TO EASE MAINTENANCE AND CLEANING OF FOREBAY AND WET POND.
 - A 6 INCH LAYER OF TOPSOIL IS TO BE SPREAD EVENLY FROM THE TOP OF THE POND TO 2 FEET BELOW THE PERMANENT WATER ELEVATION TO BETTER PROMOTE VEGETATION ESTABLISHMENT.

O.C.D.P.W. LANDSCAPING NOTES:

- NO PLANTINGS (SHRUBS/TREES) OR LANDSCAPING FEATURES (GATES, FENCES, STONE PILLARS, STONE WALLS, SIGNS, ETC.) SHALL BE PLACED WITHIN THE COUNTY RIGHT OF WAY.
- ALL DISTURBED AREAS ARE TO BE GRADED, SEEDED, AND STRAWED ON A DAILY BASIS.

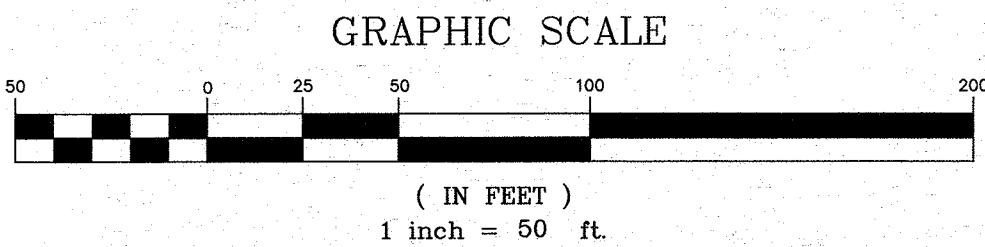
- PLANTING SCHEDULE:
- EACH ZONE CONSISTS OF FOUR SPECIES TO BE PLANTED USING EITHER 1-7/8" PLUGS AND/OR SEED.
 - THE PLUGS FOR EACH ZONE SHALL BE RANDOMLY MIXED AND PLANTED WITH AN APPROXIMATE SPACING OF 2'-6" ON CENTER. THE LOWER ZONE SHALL BE PLANTED WITH A MINIMUM OF 50 PLUGS, THE MIDDLE ZONE SHALL BE PLANTED WITH A MINIMUM OF 75 PLUGS AND THE UPPER ZONE SHALL BE PLANTED WITH A MINIMUM OF 100 PLUGS.
 - THE SEEDING FOR EACH ZONE SHALL CONSIST OF EQUAL PARTS PER SPECIES AND BROADCAST OVER IT'S RESPECTIVE AREA AT A RATE OF 1 POUND PER 2,000 SQ.FT.
 - AN OVERLAP OF SPECIES FROM ONE ZONE TO THE NEXT WILL NOT EXCEED 3'-6", ALLOWING FOR INTERGRATION BETWEEN THE INDIVIDUAL ZONES.
 - NORTHEAST WETLAND DIVERSITY MIX SHALL BE BROADCAST OVER BASIN ZONES 3, 4, 5 & 6 AT A RATE OF 2 POUNDS PER ACRE INTERMIXED WITH PLUGS AND/OR SEEDING SPECIFIED ABOVE, AS MANUFACTURED BY:

SOUTHERN TIER CONSULTING, INC.
2701-A ROUTE 305, P.O. BOX 30
WEST CLARKSVILLE, NY 14786
WWW.SOUTHERNTIERCONSULTING.COM

LEGEND

- PROPOSED WELL
- PROPOSED CONVENTIONAL SDS SYSTEM
- PROPOSED ELJEN SDS SYSTEM
- PROPOSED PROPERTY LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING PROPERTY LINE
- EXISTING TREELINE
- EXISTING GUARD RAIL
- EXISTING RIP-RAP SWALE
- EXISTING OVERHEAD UTILITIES
- EXISTING GUY WIRE
- EXISTING UTILITY POLE WITH OVERHEAD WIRES
- EXISTING SIGN

RESERVED FOR TOWN PLANNING BOARD APPROVAL



ORANGE COUNTY DEPARTMENT
OF PUBLIC WORKS NOTE:

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MICHAEL F. GREGAN P.L.S.
LICENSE NO. 056023

WOODRIDGE CLUSTER
SUBDIVISION

TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE

LANDSCAPING PLAN

SECTION 8 BLOCK 1 LOT 50.2

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 7208, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

O.C.H.D. SHEET NO. N/A OF 6

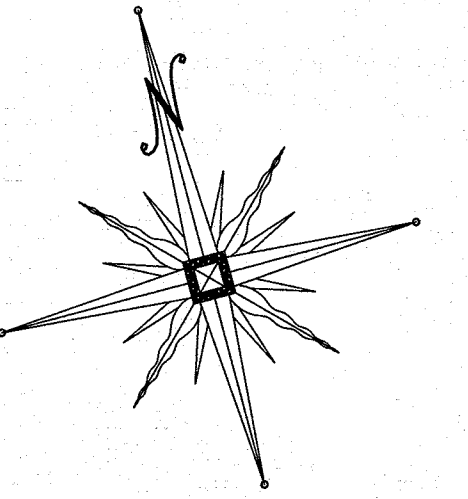
D.E.C. SHEET NO. N/A OF 6

DRAWING NUMBER 6 OF 16

SCALE 1" = 50'

CAD REFERENCE 14102 ENG BASE

PROJECT NUMBER 14102.01



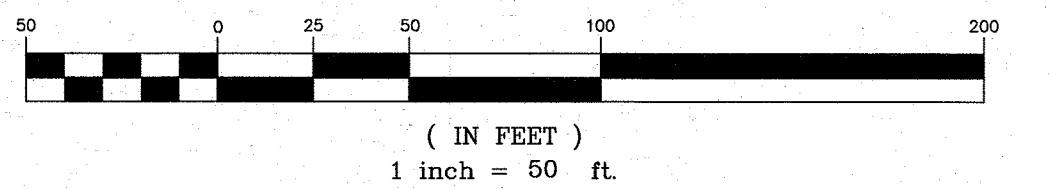
LEGEND

- INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE
- SILT FENCE
- PROPOSED DISTURBANCE LIMIT LINE
- TEMPORARY DIVERSION SWALE FOR DISTURBED AREAS
- STONE CHECK DAM
- PROPOSED PROPERTY LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING PROPERTY LINE
- EXISTING TREELINE
- EXISTING GUARD RAIL
- EXISTING RIP-RAP SWALE
- EXISTING OVERHEAD UTILITIES
- EXISTING GUY WIRE
- EXISTING UTILITY POLE WITH OVERHEAD WIRES
- EXISTING SIGN

GENERAL NOTES:

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GRAPHIC SCALE



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MICHAEL F. CROGAN, P.E.
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VINCENT J. PIETRZAK, P.E., LEADSAP
P.E. LICENSE NO. 060075
LEADSAP LICENSE NO. 35396
DATE: 1-21-16

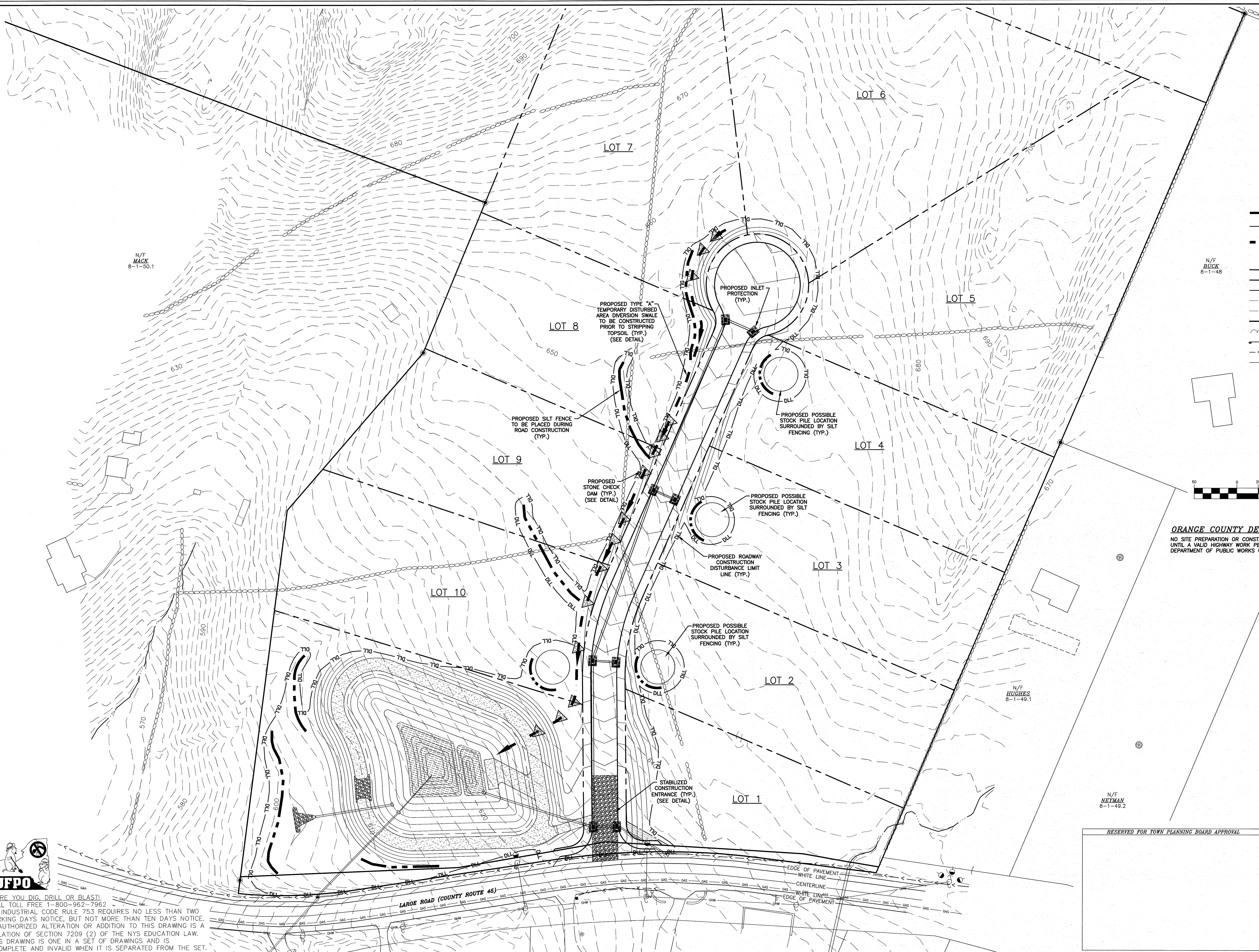
WOODBRIDGE CLUSTER
SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

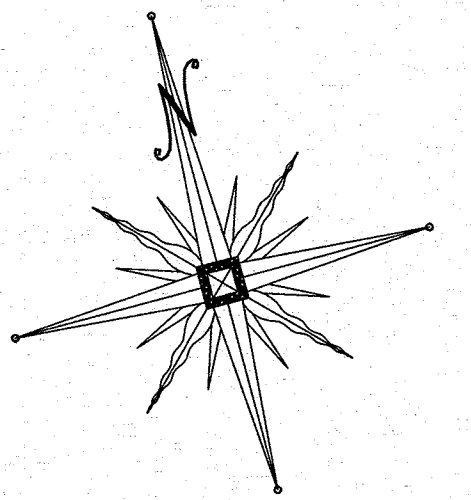
ROADWAY CONSTRUCTION
EROSION CONTROL PLAN
SECTION 8 BLOCK 1 LOT 50.2

DRAWING TITLE
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O.C.H.D. SHEET NO. 14102.01
D.E.C. SHEET NO. 14102.01
DRAWING NUMBER 7 OF 15
SCALE 1" = 50'
CAD REFERENCE 14102.ENG.BASE
PROJECT NUMBER 14102.01



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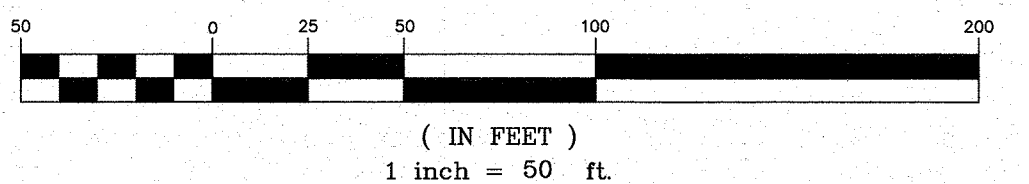
LEGEND

- STABILIZED CONSTRUCTION ENTRANCE
- SILT FENCE
- PROPOSED DISTURBANCE LIMIT LINE
- PROPOSED PROPERTY LINE
- PROPOSED MAJOR CONTOUR
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DATE	DESCRIPTION	INITIALS
REVISIONS		
MAP CHECK DATE: 00-00-00	INITIALED BY: --	

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC
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2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(845) 798-4646

JOSEPH J. PIETRZAK, P.E.
LICENSED PROFESSIONAL ENGINEER
MICHAEL F. CROGAN, P.L.S.
LICENSED PROFESSIONAL LAND SURVEYOR
1-21-16
DATE

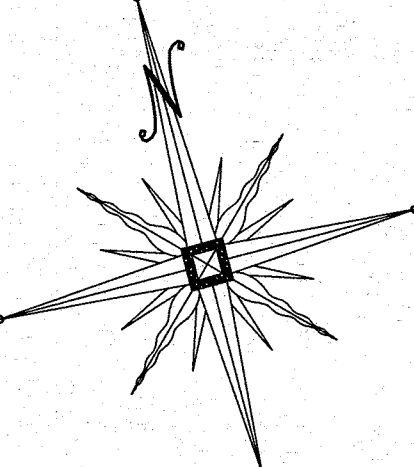
WOODRIDGE CLUSTER
SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK
PROJECT TITLE

INDIVIDUAL LOT CONSTRUCTION
EROSION CONTROL PLAN
SECTION 8 BLOCK 1 LOT 50.2

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. 1-21-16 OF 15
D.E.O. SHEET NO. 1-21-16 OF 15
DRAWING NUMBER 8 OF 15
SCALE 1" = 50'
CAD REFERENCE 14102.ENG BASE
PROJECT NUMBER 14102.01



BEFORE YOU DIG, DRILL OR BLAST!
-CALL TOLL FREE 1-800-962-7962
-NY INDUSTRIAL CODE RULE 753 REQUIRES NO LESS THAN TWO WORKING DAYS NOTICE, BUT NOT MORE THAN TEN DAYS NOTICE.
-UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NYS EDUCATION LAW.
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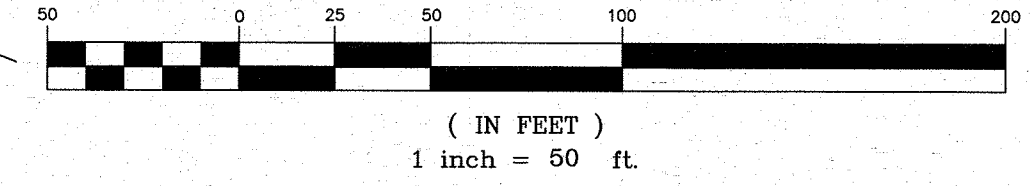
LEGEND

- PHASE 1 ROADWAY CONSTRUCTION HATCH
AREA ≈ 3.70 ACRES
- PHASE 1 LOT CONSTRUCTION HATCH
AREA ≈ 4.85 ACRES
- PHASE 2 LOT CONSTRUCTION HATCH
AREA ≈ 2.05 ACRES
- DLL PROPOSED DISTURBANCE LIMIT LINE
- PROPOSED PROPERTY LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING PROPERTY LINE
- EXISTING TREELINE
- EXISTING GUARD RAIL
- EXISTING RIP-RAP SWALE
- EXISTING OVERHEAD UTILITIES
- EXISTING GUY WIRE
- EXISTING UTILITY POLE WITH OVERHEAD WIRES
- EXISTING SIGN

GENERAL NOTES:

1. THE CLEARING LIMIT LINE IS TO BE STAKED OUT AND ORANGE CONSTRUCTION FENCE INSTALLED ON SAID LINE PRIOR TO CONSTRUCTION TO AVOID DISTURBANCE OF TREES NOT SCHEDULED FOR REMOVAL.

GRAPHIC SCALE



ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTE:
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.

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

WOODBRIDGE CLUSTER
SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK
PROJECT TITLE

EROSION CONTROL
CONSTRUCTION PHASING PLAN
SECTION 8 BLOCK 1 LOT 50.2
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.D. SHEET NO. 14102.01
D.E.C. SHEET NO. 9
N.Y.S. OF 15
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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.

- A. 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" AND "UPSTREAM" OF ANY PLANS. INSTALLATION IS TO BEGIN AT THE DOWNSTREAM PORTIONS OF THE SITE THEN WORKING UPSTREAM.
- B. STABILIZED CONSTRUCTION ENTRANCES SHALL BE BUILT IN THE AREAS SHOWN ON THE APPROVED PLANS AND, WHEREVER A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PUBLIC THROUGHFARE, STABILIZED ENTRANCES SHALL BE BUILT IN ACCORDANCE WITH THE STABILIZED CONSTRUCTION ENTRANCE DETAIL.
- C. 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 PERMITTER SILT FENCE.
- D. 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. SEDIMENTATION AND FILTERING PRACTICES, SUCH AS SAND FILTERS AND BIORETENTION PONDS SHALL NOT HAVE INFILTRATION AND FILTER MEDIA INSTALLED UNTILL ALL TRIBUTARY AREAS HAVE BEEN SUBSTANTIALLY STABILIZED.
- E. 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 IF APPLICABLE). AREAS NOT REQUIRING FURTHER EARTHWORK SHALL BE FINE GRADED, TOPSOILED, AND STABILIZED AS EARLY AS POSSIBLE.
- F. ANY PROPOSED STORM DRAINAGE SHALL BE INSTALLED AND INCORPORATED INTO EROSION CONTROL AS SPECIFIED ON THE APPROVED PLANS. STORM DRAINAGE COMPONENTS SHALL BE PROTECTED FROM SILTATION AS INDICATED.
- G. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, REMAINING AREAS SHALL BE FINE GRADED, TOPSOILED, AND STABILIZED. PERMANENT VEGETATION AND LANDSCAPING SHALL BE ESTABLISHED.
- H. TEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED ONCE UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED. REMOVAL OF TEMPORARY EROSION CONTROL DEVICES SHALL BEGIN WITH THE MOST UPSTREAM PORTIONS OF THE SITE THEN WORKING DOWNSTREAM.
- I. ALL NEWLY SEEDED VEGETATIVE COVER SHALL BE MAINTAINED. WASHOUTS OR POORLY GROWING AREAS SHALL BE CORRECTED AS THEY OCCUR.

1. 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.
2. THE SMALLEST PRACTICAL EXPOSURE SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT.
3. WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME.
4. ALL WORK SHALL BE IN ACCORDANCE WITH ALL OF THE ATTACHED DRAWINGS.

1. 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 AND 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.
2. 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 WARRANT IN THE FIELD.
3. 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.
4. NO CONSTRUCTION SHALL BE ALLOWED UNTIL THE DESIGN WORK UPSTREAM THEREOF HAS BEEN COMPLETED, INCLUDING STABILIZATION AND APPROVED BY THE DESIGN ENGINEER AND TOWN REPRESENTATIVES.
5. CONSTRUCTION ACTIVITIES TO BE LIMITED TO THE PERIOD OF 7:00 AM TO 7:00 PM.
6. ALL CONSTRUCTION EQUIPMENT SHALL HAVE PROPERLY SIZED EXHAUST MUFFLERS.
7. ALL CONSTRUCTION EQUIPMENT SHALL BE TURNED OFF WHEN NOT IN USE.

SLOPES OF 4:1 OR GREATER (HORIZONTAL:VERTICAL)
- SLOPES SHALL BE HYDROSEEDED 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 BioD-Mesh60 NETTING AS MANUFACTURED BY RoLanka INTERNATIONAL OR APPROVED EQUIVALENT. NETTING TO BE INSTALLED PER MANUFACTURER SPECIFICATIONS.

AREAS SHALL BE SEED BY HYDROSEEDING OR BROADCASTING WITH THE MIXTURES AND RATES INDICATED ON THE PERMANENT SEEDING MIXTURE AND RATES INDICATED ON THE PERMANENT SEEDING MIXTURE SCHEDULE. HYDROSEEDED AREAS SHALL BE MULCHED WITH A WOOD FIBER MULCH APPLIED AT A RATE OF 500 LBS/ACRES. BROADCAST AREAS SHALL BE MULCHED WITH HAY OR STRAW AT A RATE OF 2000 LBS/ACRE. AREAS SEED BY BROADCAST SHALL BE LIGHTLY RAKED AND PACKED PRIOR TO PLACING MULCH.

1. 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 CONSTRUCTION ACTIVITY.
2. CONSTRUCTION EQUIPMENT SHALL NOT UNNECESSARILY CROSS LIVE STREAMS OR DRAINAGE SWALES EXCEPT BY MEANS OF BRIDGES OR CULVERTS.
3. ALL EMBANKMENTS ARE TO BE GRADED AND SEEDED IMMEDIATELY UPON BEING LAID BACK.
4. STABILIZATION OF THE SWALES WILL INCLUDE SEEDING AND STRAW MULCH ON SLOPES LESS THAN 5% AND ON SLOPES GREATER THAN 5%.
5. TOPSOIL AND/OR EARTH STOCKPILE SHALL BE LOCATED OUTSIDE OF EXISTING DRAINAGE SWALES, WETLANDS AND ADJACENT AREAS.
6. SILL FENCE WILL BE PLACED ALONG THE TOE OF THE PILES AND PILES SHALL RECEIVE

TO INCREASE INFILTRATION OF STORM WATER AND IMPROVE DIRECT GROUNDWATER RECHARGE FROM RAIN EVENTS, SOIL RESTORATION PRACTICES, AS OUTLINED IN CHAPTER 5.1.6 OF THE NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL, SHOULD BE APPLIED TO THE SITE. AERATION AND DEEP RIPPING PROCEDURES SHALL BE AS DESCRIBED IN APPENDIX C OF SWPPP, AND SHALL BE APPLIED TO ALL FLAT TO MODERATELY SLOPED AREAS OF SOIL DISTURBANCE WHICH ARE PROPOSED TO REMAIN PERVIOUS.

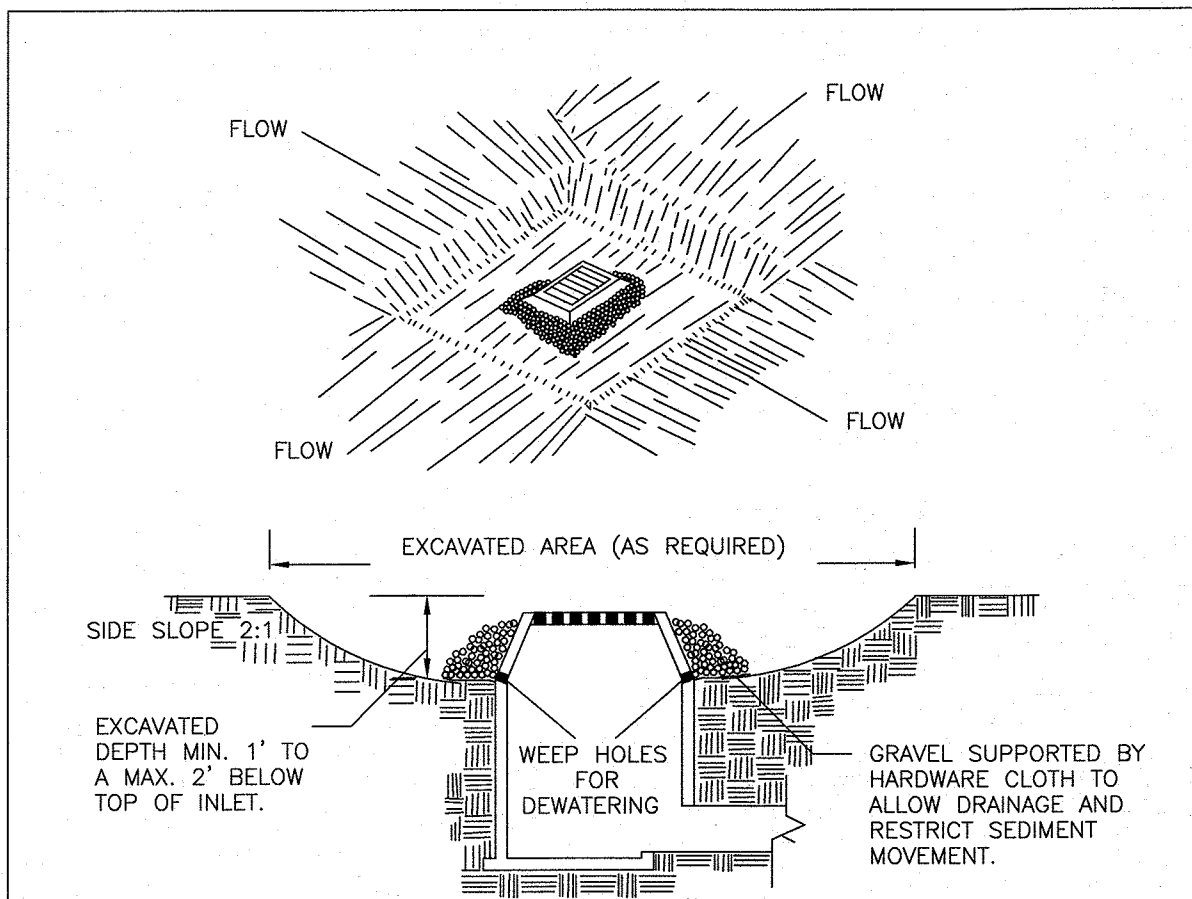
MODERATE TO STEEP SLOPES AND LOW MAINTENANCE AREAS

- SCARIFY SOIL TO DEPTH OF 4" TO 6" IF COMPACTED.
 - REMOVED LARGE STONES AND STUMPS ALLOWING ROCKS, ROOTS CLODS AND OTHER NATURAL DEBRIS TO REMAIN.
 - ROUGHEN SLOPE FACIES BY MAKING GROOVES 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 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 SEDDED.

—SCARIFY SOILS IF COMPACTED

- 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.

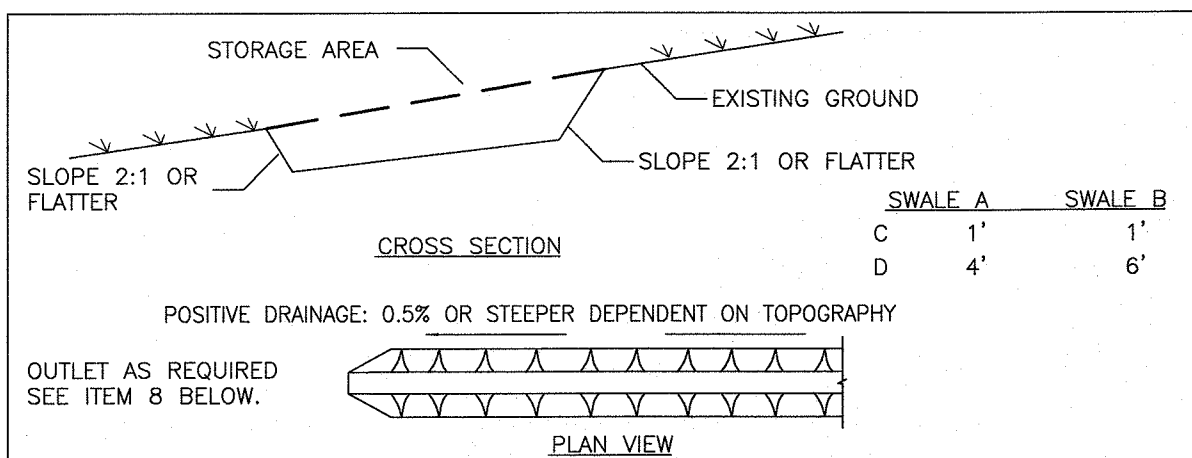
<u>SPECIES</u>	<u>APPLICATION RATE</u>
RYEGRASS (ANNUAL OR PERENNIAL)	30 LBS/ACRE
(USE WINTER RYE IF SEEDING IN OCT./NOV.)	(0.7 LBS/1000 SF)



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

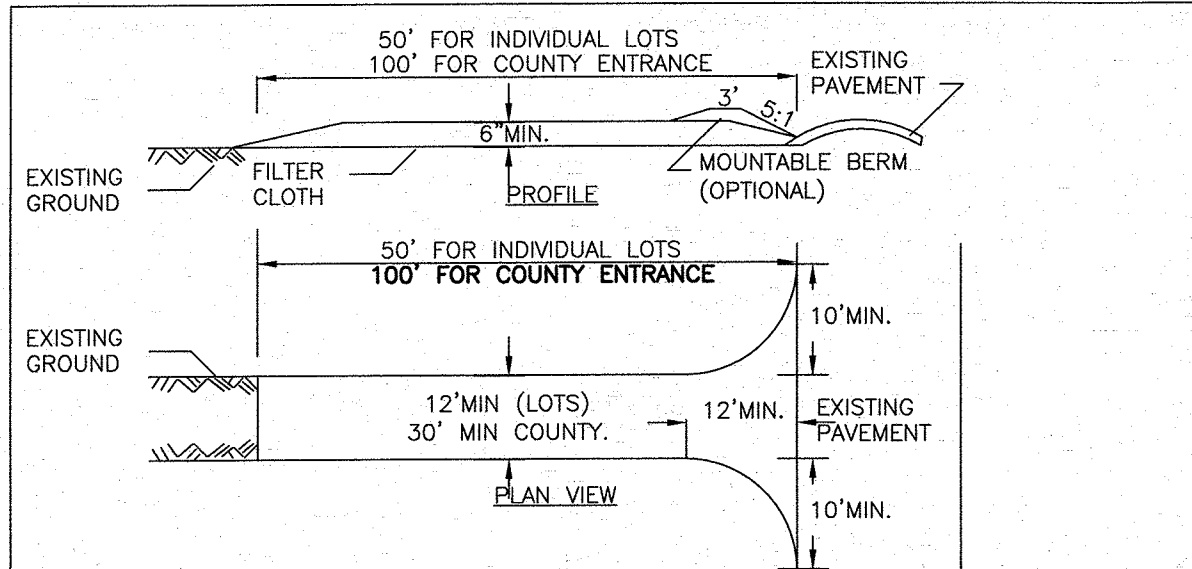
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE	EXCAVATED DROP INLET PROTECTION
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1. ALL TEMPORARY SWALES SHALL HAVE UNINTERRUPTED 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 OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE 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:

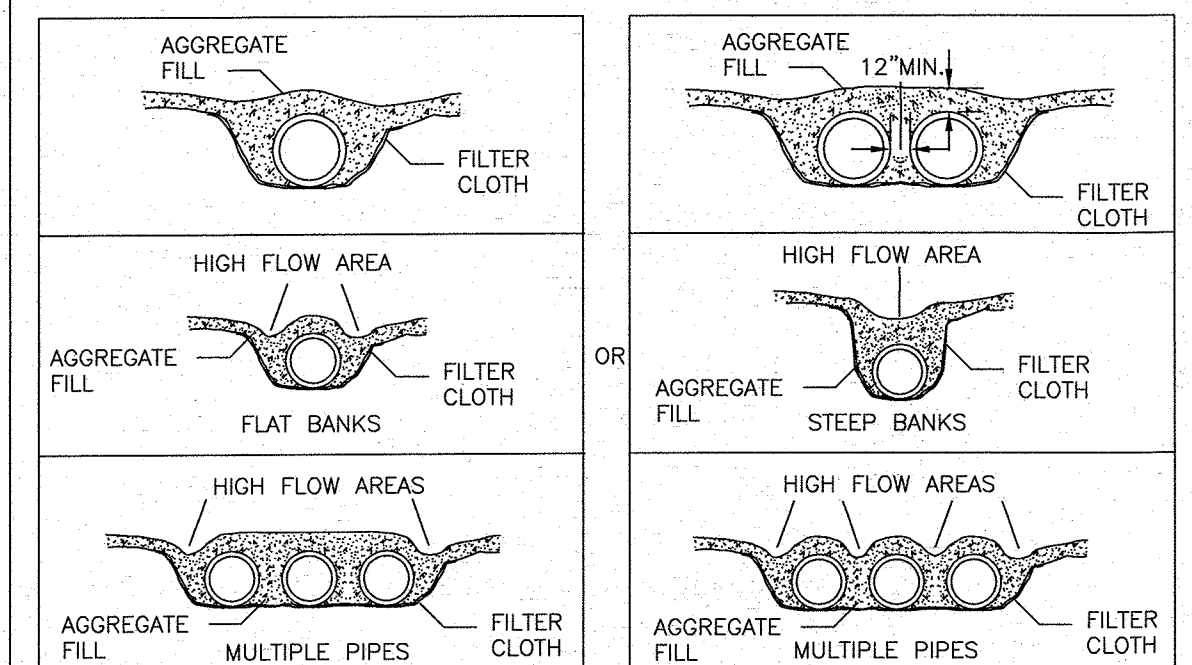
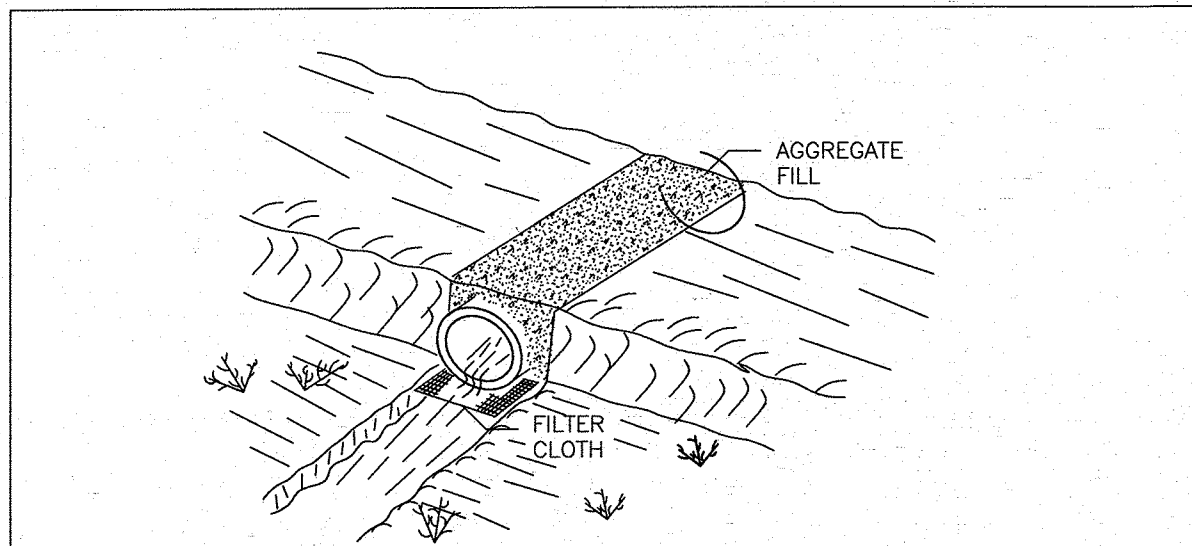
TYPICAL CHANNEL TREATMENT	A/5 (A/C OR LESS)	B/5 (A - 10A/C)
1 0.5-3.0% SEED AND STRAW MULCH	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2 3.1-5.0% SEED WITH JUTE OR EXCLOSUR	SEED WITH JUTE OR EXCLOSUR	SEED WITH JUTE OR EXCLOSUR
3 5.1-8.0% SEED WITH JUTE OR EXCLOSUR, SOD	SEED WITH JUTE OR EXCLOSUR, SOD	LINED WITH 4"-8" RIP-RAP OR RECYCLED CONCRETE EQUIVALENT
4 8.1-20.0% LINED WITH 4"-8" RIP-RAP	LINED WITH 4"-8" RIP-RAP	ENGINEERED DESIGN
9. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE	TEMPORARY SWALE
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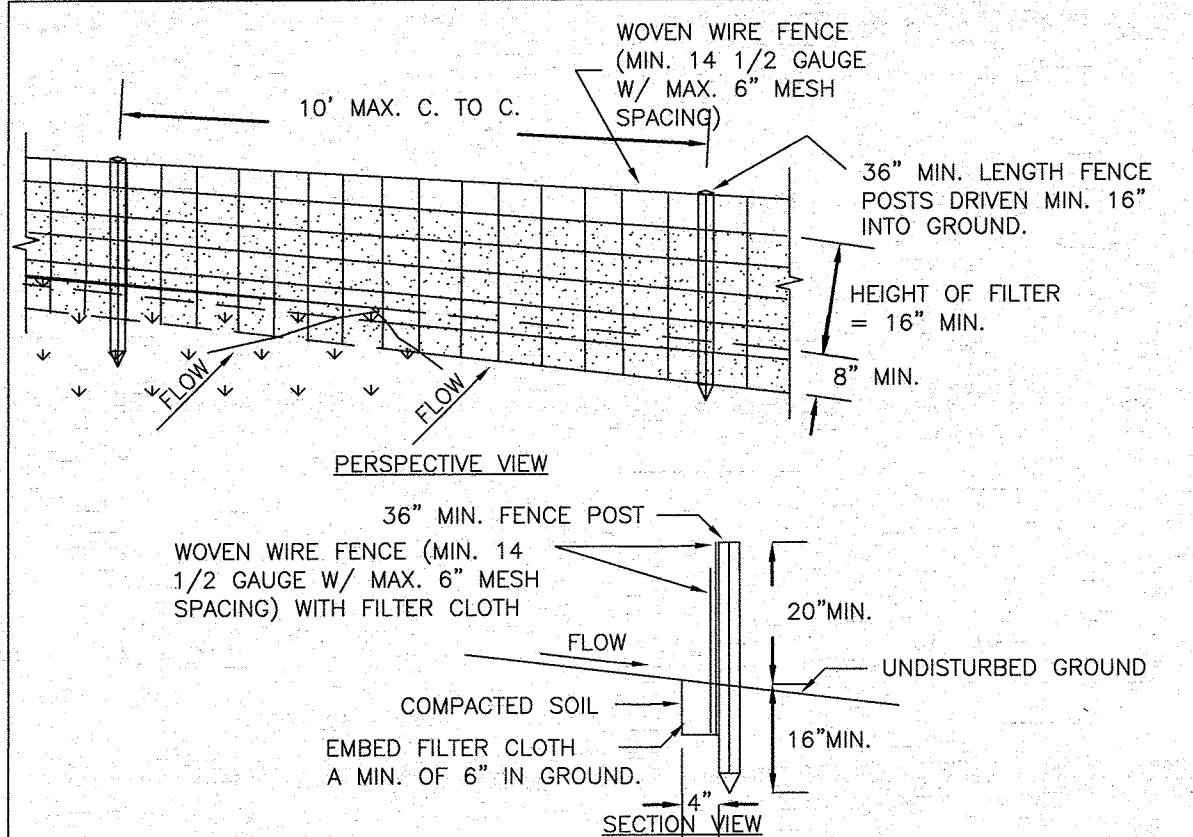


1. STONE SIZE - USE "2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH 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 IMPRACTICABLE, A MOUNTAIN 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 ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST 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

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

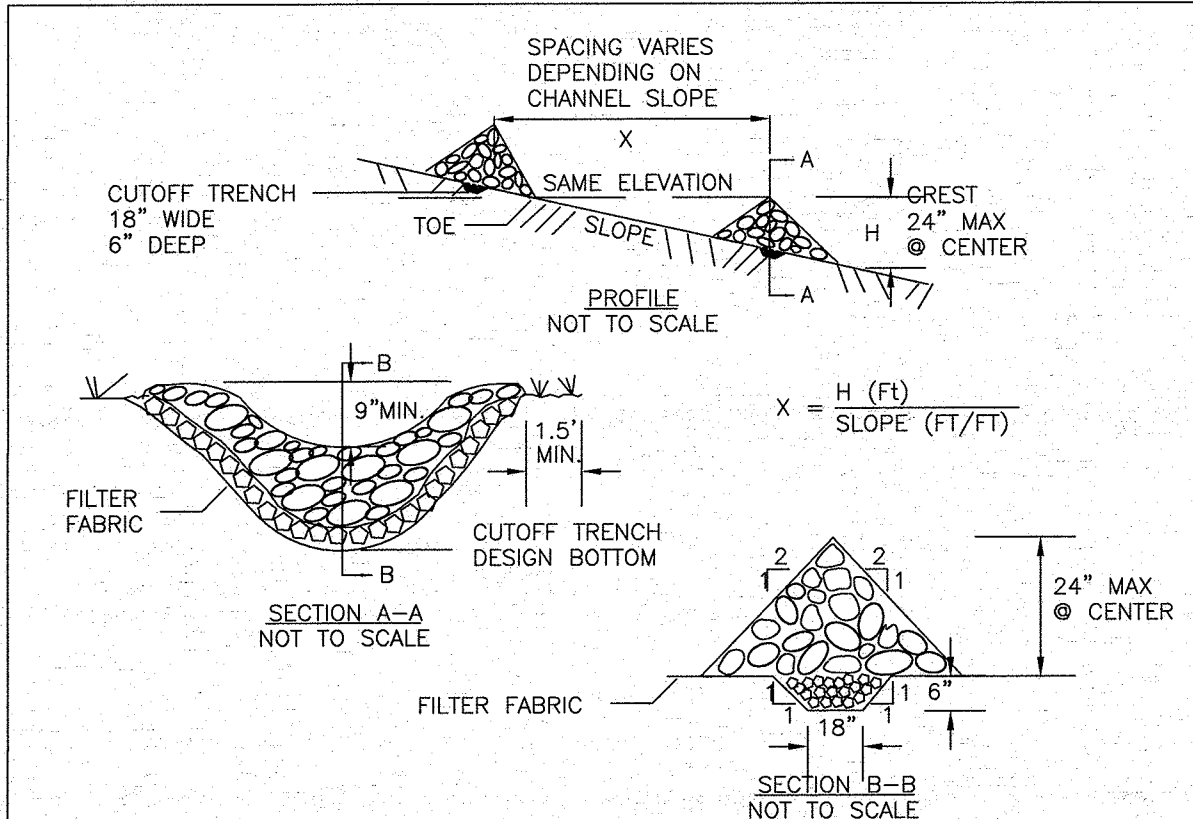


U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE	TEMPORARY ACCESS CULVERT
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1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO 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 OVERLAP SIX INCHES AND BE SECURELY FASTENED TOGETHER. IT SHALL BE EITHER FILTER X, MIRAFIX 1000, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NECESSARY AND MATERIAL REMOVED WHEN "FILTER CLOTH" IS IN THE "REPAIR" CONDITION.

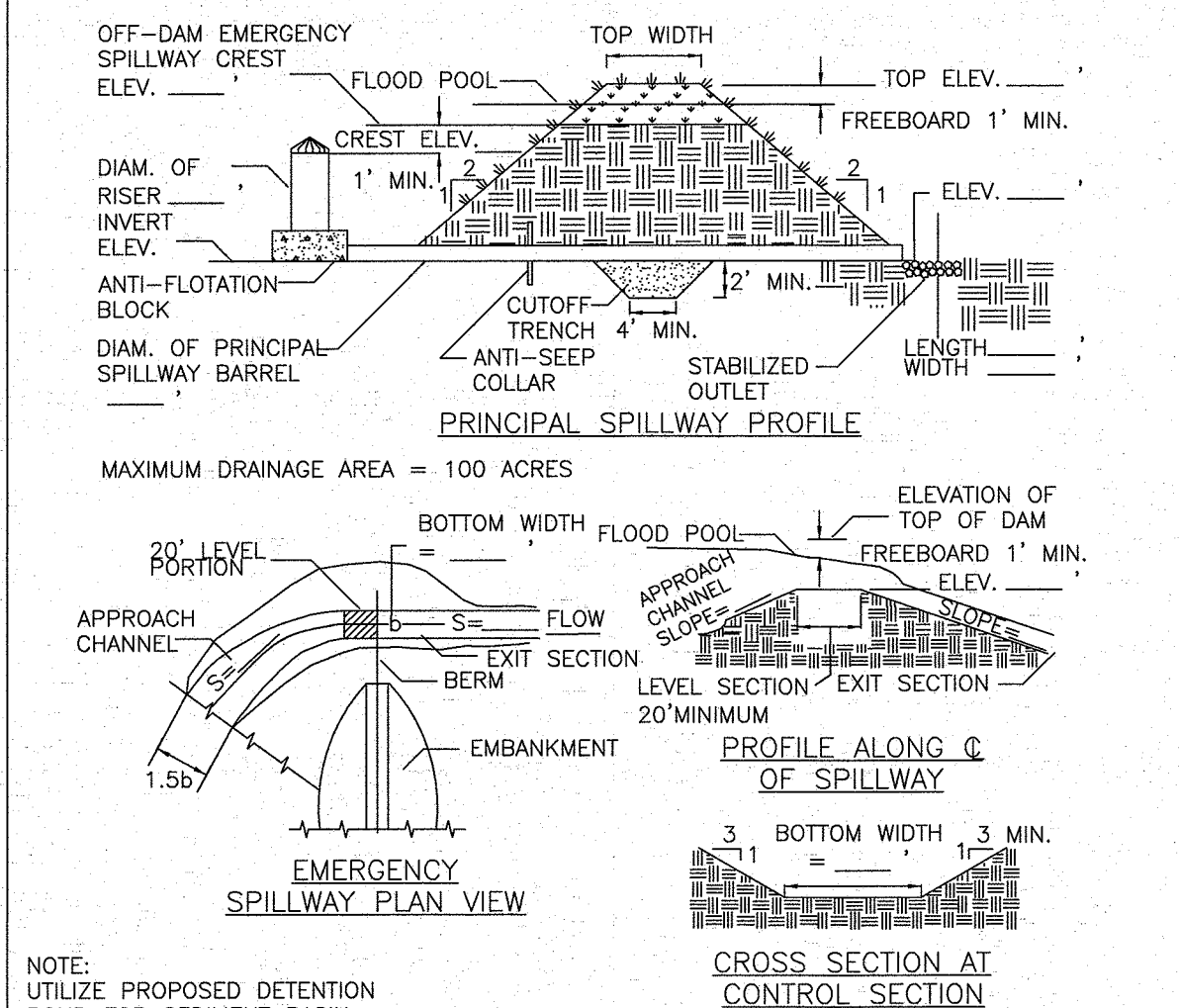
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NATURAL RESOURCES CONSERVATION SERVICE
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE



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 OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STONE A MINIMUM OF 1.5 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 LINER AS APPROPRIATE.
5. ENSURE THAT CHANNEL OBSTRUCTIONS SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.

MAXIMUM DRAINAGE AREA 2 ACRES.

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE	CHECK DAM
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NOTE:
UTILIZE PROPOSED DETENTION
POND FOR SEDIMENT BASIN.

SEDIMENT BASIN SIZE TABLE				
BASIN #	DRAINAGE AREA (ACRE)	REQUIRED VOLUME PER TRIB ACRE (CU.FT.)	REQUIRED BASIN VOLUME (CU.FT.)	PROVIDED BASIN VOLUME (CU.FT.)
DETENTION POND	11.31	3,600	40,716	216,640

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE	SEDIMENT BASIN DETAILS
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MAP CHECK DATE: 00-00-00	INITIALED BY: --

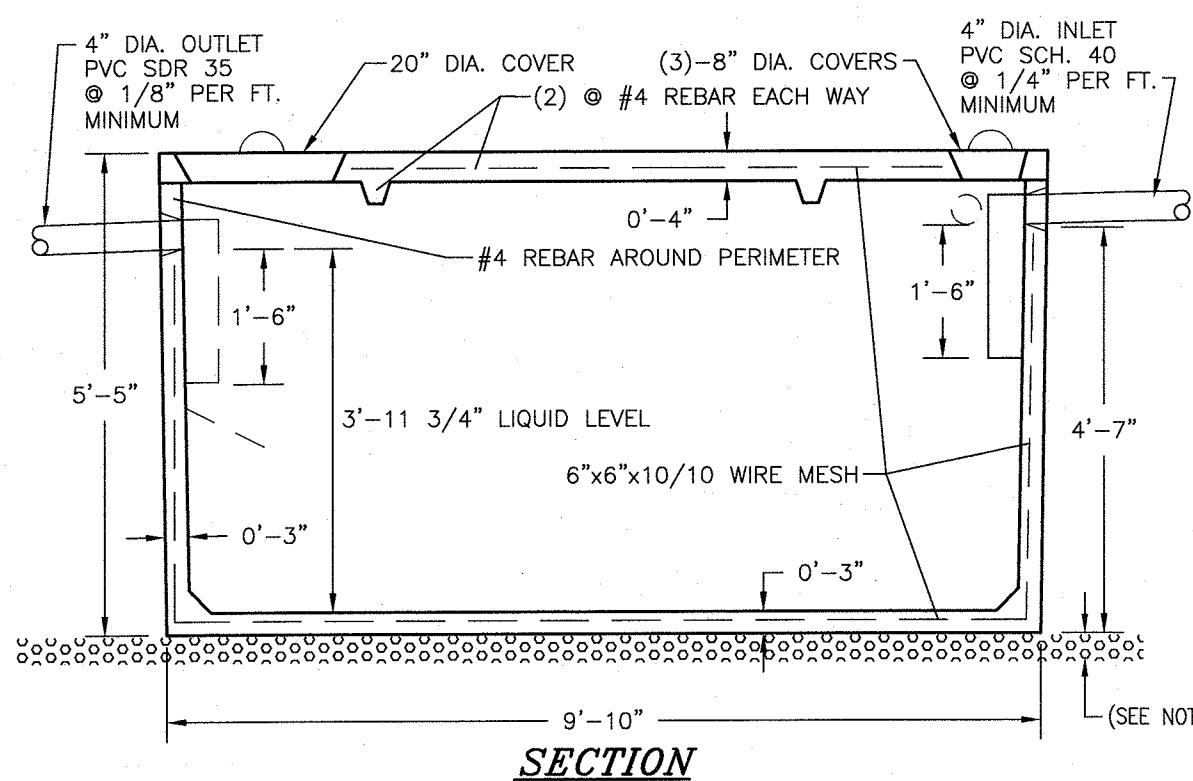
PIETRZAK & PFAU ENGINEERING & SURVEYING, P.L.L.C. 262 GREENWICH AVENUE, SUITE A GOSHEN, NEW YORK 10824 (845) 284-0005		2 HAMILTON AVENUE MONTICELLO, NEW YORK 12701 (845) 736-6846	
JOSEPH J. PIETRZAK, P.E. LICENSE NO. 078038 P.E. LICENSE NO. 078038 P.E. LICENSE NO. 050075 P.E. LICENSE NO. 35386		MICHAEL F. CROGAN, P.L.S. LICENSE NO. 656623	
JOSEPH A. PIETRZAK, P.E., LEED-AP LEED-AP NO. 078038			
SIGNATURE _____ DATE _____		1-21-16	
LAND CLUSTER SUBDIVISION TOWN OF CHESTER COUNTY OF ORANGE, NEW YORK			
<u>EROSION CONTROL</u> <u>DETAILS</u>			
SECTION 8 BLOCK 1 LOT 50.2			
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 3 OF THE N.Y.S. EDUCATION LAW.			
C.O.D. SHEET NO. N.A. OF	D.E.C. SHEET NO. N.A. OF	DRAWING NUMBER 10 OF 15	
SCALE NO SCALE	CAD REFERENCE 1402 ENG BASE	PROJECT NUMBER 14102.01	

SOIL TEST RESULTS & SEPTIC SYSTEM DESIGN

LOT #	DEEP TEST PIT #1 RESULTS	DEEP TEST PIT #2 RESULTS	PERC RATE	SEPTIC SYSTEM DESIGN
1	0"-10" TOPSOIL 10"-72" LIGHT BROWN SANDY LOAM WITH TRACE GRAVEL NO MOTTLING, NO BEDROCK, NO GROUNDWATER	0"-8" TOPSOIL 8"-48" LIGHT BROWN SANDY LOAM WITH TRACE GRAVEL 48"-78" DARK BROWN SAND WITH TRACE LOAM NO MOTTLING, NO BEDROCK, NO GROUNDWATER	PT1: 9 MIN. DEPTH: 24" PT2: 2 MIN. DEPTH: 24"	ELJEN SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM (Q = 475 GAL/DAY) REQUIRED: 88 L.F. TOTAL DESIGNED: 2 LATERALS @ 48', 96 L.F. TOTAL SEPTIC TANK SIZE: 1,250 GALLONS
2	0"-8" TOPSOIL 8"-42" LIGHT BROWN SANDY LOAM WITH RIPPABLE SHALE 42"-75" DARK BROWN LOAM WITH GRAVEL AND RIPPABLE SHALE 28" HIT RIPPABLE SHALE NO MOTTLING, NO BEDROCK, NO GROUNDWATER	0"-6" TOPSOIL 6"-72" LIGHT BROWN SANDY LOAM WITH LARGE ROCKS AND RIPPABLE SHALE 24" HIT RIPPABLE SHALE NO MOTTLING, NO BEDROCK, NO GROUNDWATER	PT1: 12 MIN. DEPTH: 24" PT2: 2 MIN. DEPTH: 24"	CONVENTIONAL SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM (Q = 475 GAL/DAY) REQUIRED: 284 L.F. TOTAL DESIGNED: 8 LATERALS @ 39', 312 L.F. TOTAL SEPTIC TANK SIZE: 1,250 GALLONS
3	0"-6" TOPSOIL 6"-48" BROWN SILTY LOAM WITH GRAVEL 48"-72" DARK BROWN LOAM WITH GRAVEL, LARGE ROCKS AND RIPPABLE SHALE 36" MOTTLING NO BEDROCK, NO GROUNDWATER	0"-12" TOPSOIL 12"-60" BROWN SANDY LOAM WITH GRAVEL AND RIPPABLE SHALE 40" MOTTLING NO BEDROCK, NO GROUNDWATER	PT1: 9 MIN. DEPTH: 24" PT2: 3 MIN. DEPTH: 24"	CONVENTIONAL SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM (Q = 475 GAL/DAY) REQUIRED: 264 L.F. TOTAL DESIGNED: 8 LATERALS @ 47', 282 L.F. TOTAL SEPTIC TANK SIZE: 1,250 GALLONS
4	0"-6" TOPSOIL 6"-42" LIGHT BROWN LOAM WITH GRAVEL 42"-72" SAND WITH TRACE GRAVEL NO MOTTLING, NO BEDROCK, NO GROUNDWATER	0"-8" TOPSOIL 8"-72" LIGHT BROWN SILTY LOAM WITH LARGE ROCKS, GRAVEL AND RIPPABLE SHALE 28" HIT RIPPABLE SHALE NO MOTTLING, NO BEDROCK, NO GROUNDWATER	PT1: 16 MIN. DEPTH: 24" PT2: 2 MIN. DEPTH: 24"	CONVENTIONAL SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM (Q = 475 GAL/DAY) REQUIRED: 339 L.F. TOTAL DESIGNED: 10 LATERALS @ 36', 360 L.F. TOTAL SEPTIC TANK SIZE: 1,250 GALLONS
5	0"-6" TOPSOIL 6"-66" LIGHT BROWN SILTY LOAM WITH LARGE ROCKS AND RIPPABLE SHALE 36" HIT RIPPABLE SHALE NO MOTTLING, NO BEDROCK, NO GROUNDWATER	0"-6" TOPSOIL 6"-72" BROWN SILTY LOAM WITH GRAVEL AND RIPPABLE SHALE 18" HIT RIPPABLE SHALE NO MOTTLING, NO BEDROCK, NO GROUNDWATER	PT1: 13 MIN. DEPTH: 24" PT2: 14 MIN. DEPTH: 24"	ELJEN SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM (Q = 475 GAL/DAY) REQUIRED: 198 L.F. TOTAL DESIGNED: 3 LATERALS @ 36', 108 L.F. TOTAL SEPTIC TANK SIZE: 1,250 GALLONS
6	0"-8" TOPSOIL 8"-24" BROWN SILTY LOAM WITH GRAVEL AND RIPPABLE SHALE 24"-66" DARK BROWN LOAM WITH TRACE SAND AND RIPPABLE SHALE 42" HIT RIPPABLE SHALE NO MOTTLING, NO BEDROCK, NO GROUNDWATER	0"-6" TOPSOIL 6"-60" DARK BROWN SILTY LOAM WITH GRAVEL AND RIPPABLE SHALE 36" HIT RIPPABLE SHALE NO MOTTLING, NO BEDROCK, NO GROUNDWATER	PT1: 4 MIN. DEPTH: 24" PT2: 2 MIN. DEPTH: 24"	CONVENTIONAL SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM (Q = 475 GAL/DAY) REQUIRED: 198 L.F. TOTAL DESIGNED: 8 LATERALS @ 26', 208 L.F. TOTAL SEPTIC TANK SIZE: 1,250 GALLONS
7	0"-10" TOPSOIL 10"-72" DARK BROWN SILTY LOAM WITH TRACE SAND, GRAVEL, AND RIPPABLE SHALE 60" HIT RIPPABLE SHALE NO MOTTLING, NO BEDROCK, NO GROUNDWATER	0"-6" TOPSOIL 6"-42" LIGHT BROWN SANDY LOAM WITH GRAVEL 42"-72" SANDY GRAVEL WITH RIPPABLE SHALE 60" HIT RIPPABLE SHALE NO MOTTLING, NO BEDROCK, NO GROUNDWATER	PT1: 2 MIN. DEPTH: 24" PT2: 3 MIN. DEPTH: 24"	CONVENTIONAL SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM (Q = 475 GAL/DAY) REQUIRED: 68 L.F. TOTAL DESIGNED: 8 LATERALS @ 26', 208 L.F. TOTAL SEPTIC TANK SIZE: 1,250 GALLONS
8	0"-12" TOPSOIL 12"-72" LIGHT BROWN SANDY LOAM WITH TRACE CLAY AND GRAVEL 60" HIT RIPPABLE SHALE NO MOTTLING, NO BEDROCK, NO GROUNDWATER	0"-10" TOPSOIL 10"-30" DARK BROWN LOAM WITH GRAVEL & TRACE CLAY 30"-65" DARK BROWN SANDY LOAM WITH RIPPABLE SHALE 48" HIT RIPPABLE SHALE NO MOTTLING, NO BEDROCK, NO GROUNDWATER	PT1: 2 MIN. DEPTH: 24" PT2: 10 MIN. DEPTH: 24"	ELJEN SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM (Q = 475 GAL/DAY) REQUIRED: 98 L.F. TOTAL DESIGNED: 4 LATERALS @ 24', 96 L.F. TOTAL SEPTIC TANK SIZE: 1,250 GALLONS
9	0"-12" TOPSOIL 12"-60" BROWN SILTY LOAM WITH TRACE SAND, GRAVEL, AND RIPPABLE SHALE 24" HIT RIPPABLE SHALE NO MOTTLING, NO BEDROCK, NO GROUNDWATER	0"-10" TOPSOIL 10"-36" LIGHT BROWN LOAM WITH TRACE SAND 36"-66" DARK BROWN SANDY LOAM WITH RIPPABLE SHALE 48" HIT RIPPABLE SHALE NO MOTTLING, NO BEDROCK, NO GROUNDWATER	PT1: 12 MIN. DEPTH: 24" PT2: 4 MIN. DEPTH: 24"	ELJEN SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM (Q = 475 GAL/DAY) REQUIRED: 98 L.F. TOTAL DESIGNED: 4 LATERALS @ 28', 112 L.F. TOTAL SEPTIC TANK SIZE: 1,250 GALLONS
10	0"-10" TOPSOIL 10"-54" LIGHT BROWN SANDY LOAM WITH GRAVEL AND RIPPABLE SHALE 18" HIT RIPPABLE SHALE NO MOTTLING, NO BEDROCK, NO GROUNDWATER	0"-10" TOPSOIL 10"-40" LIGHT BROWN LOAM WITH LARGE ROCKS 40"-66" BROWN LOAM WITH GRAVEL AND RIPPABLE SHALE 30" HIT RIPPABLE SHALE NO MOTTLING, NO BEDROCK, NO GROUNDWATER	PT1: 3 MIN. DEPTH: 24" PT2: 3 MIN. DEPTH: 24"	ELJEN SEPTIC DESIGNED FOR: 4 BEDROOM MAXIMUM (Q = 475 GAL/DAY) REQUIRED: 68 L.F. TOTAL DESIGNED: 2 LATERALS @ 36', 72 L.F. TOTAL SEPTIC TANK SIZE: 1,250 GALLONS

SOIL TESTING AND SEPTIC SYSTEM DESIGN NOTES:

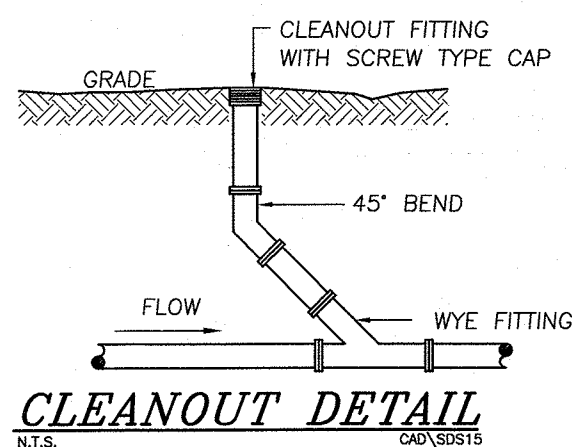
- PERCOLATION TESTS WERE PERFORMED BY PIETRZAK & PFAU, PLLC ON 5/23/14, 5/27/14.
- PERCOLATION TESTS WERE PERFORMED AT A DEPTH OF 24" UNLESS NOTED OTHERWISE.
- DEEP TEST PITS WERE WITNESSED BY PIETRZAK & PFAU, PLLC ON 6/08/14.
- SEPTIC SYSTEM DESIGN BASED ON 110 GALLONS PER BEDROOM PER DAY.
- SEPTIC SYSTEM DESIGN FOR 4 BEDROOM MAXIMUM DWELLING UNLESS NOTED OTHERWISE.
- ALL SEPTIC SYSTEM DESIGNS INCLUDE 35 GALLONS PER DAY OF BACKWASH FOR THE OPTIONAL WATER SOFTENER, MAKING A TOTAL DISCHARGE OF 475 GALLONS PER DAY.
- SURFACE WATER DIVERSION SWALES ARE REQUIRED ON ALL LOTS.



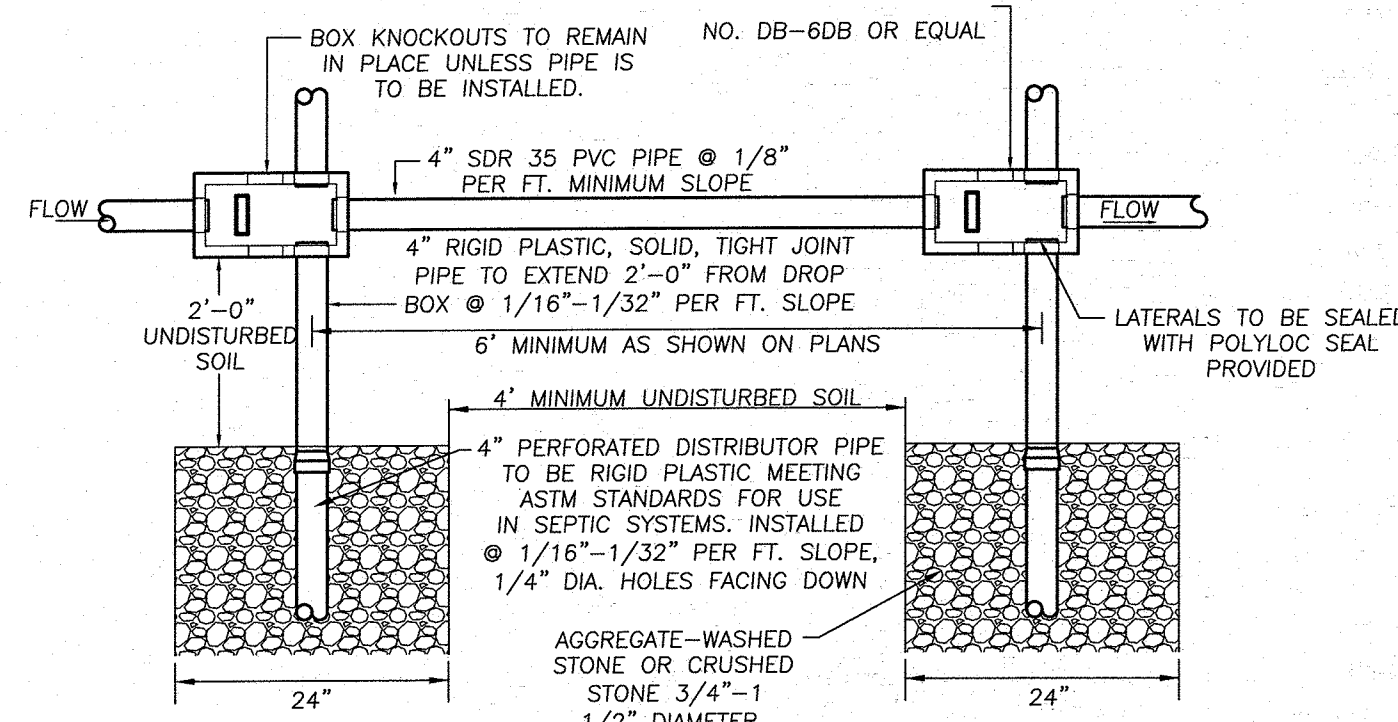
NOTES:

- BUILDING SEWER TO BE SCHEDULE 40 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.

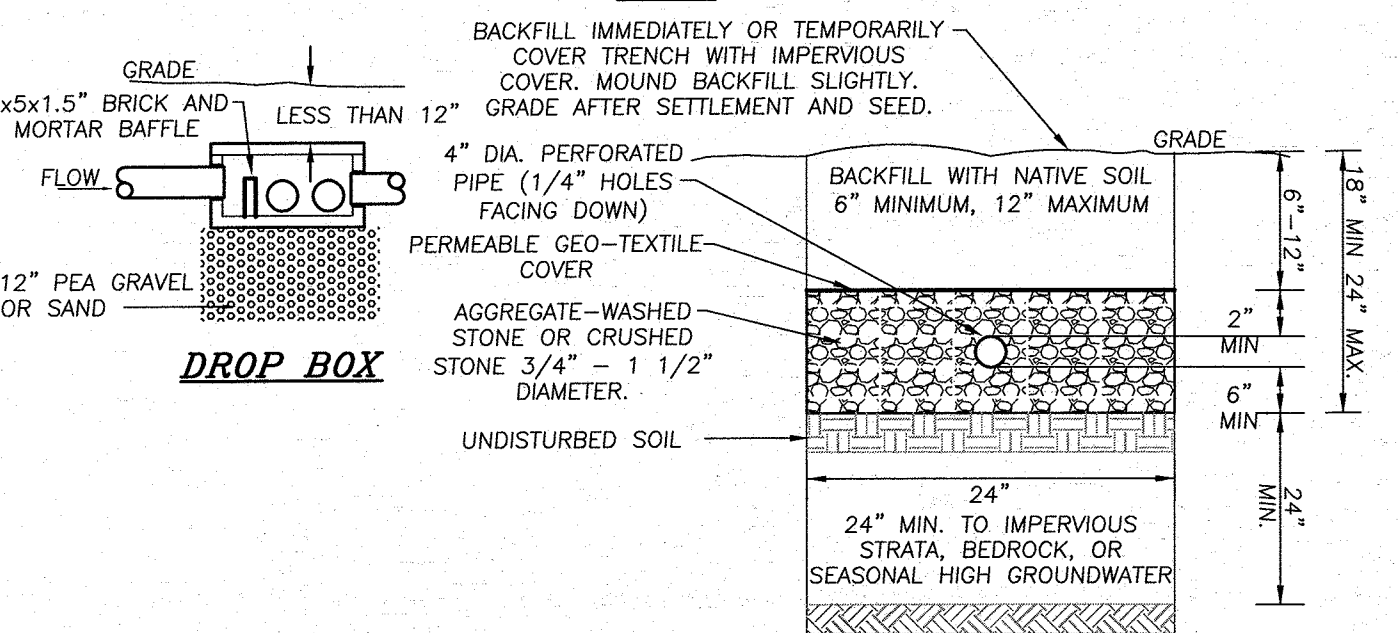
1,250 GALLON SEPTIC TANK DETAIL



CLEANOUT DETAIL



PLAN



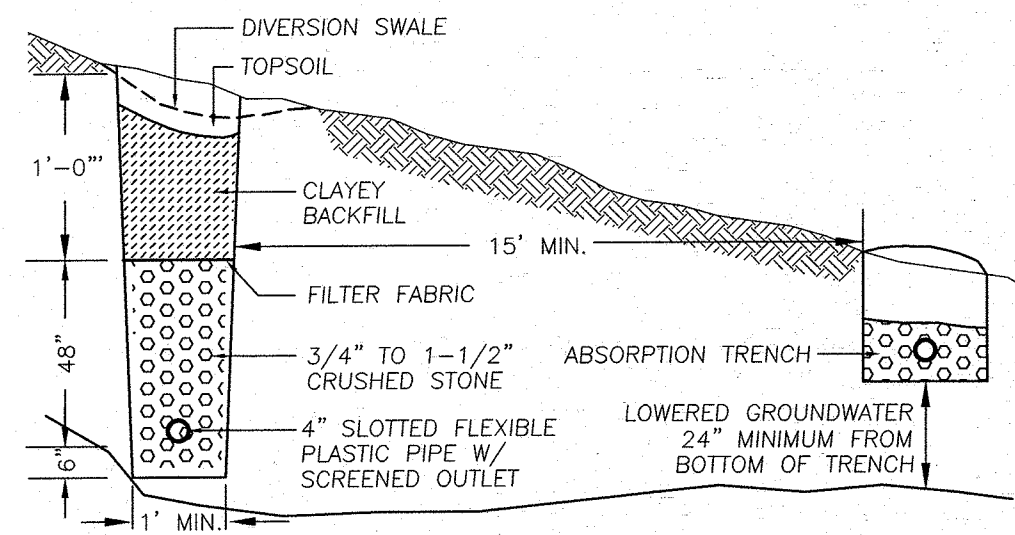
DROP BOX

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 AGGREGATE SHALL BE COVERED WITH A PERMEABLE GEOTEXTILE FABRIC PRIOR TO BACKFILLING.
- TRENCHES SHALL NOT BE CONSTRUCTED IN WET SOIL.
- SIDES AND BOTTOM OF TRENCH SHALL BE RAKED 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.
- DISTRIBUTION LATERALS FOR PUMPED OR DOSED SYSTEMS SHALL HAVE PIPES SET NEARLY LEVEL.
- ABSORPTION TRENCH BOTTOM TO BE SET LEVEL.
- DISTRIBUTION LATERALS ARE TO BE SET WITH PERFORATIONS FACING DOWN.

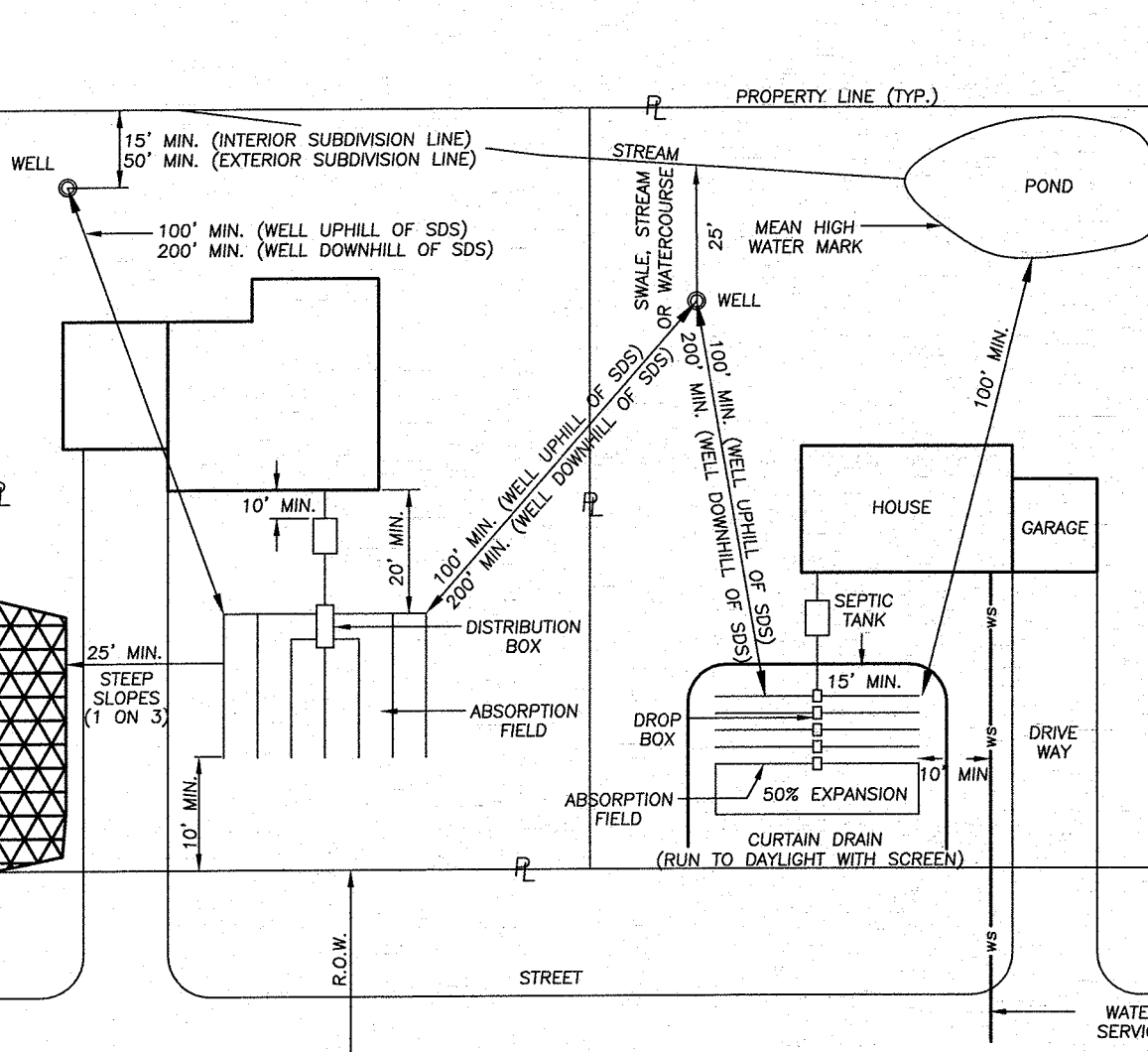
CONVENTIONAL ABSORPTION TRENCH DETAIL

N.T.S.



CURTAIN DRAIN DETAIL

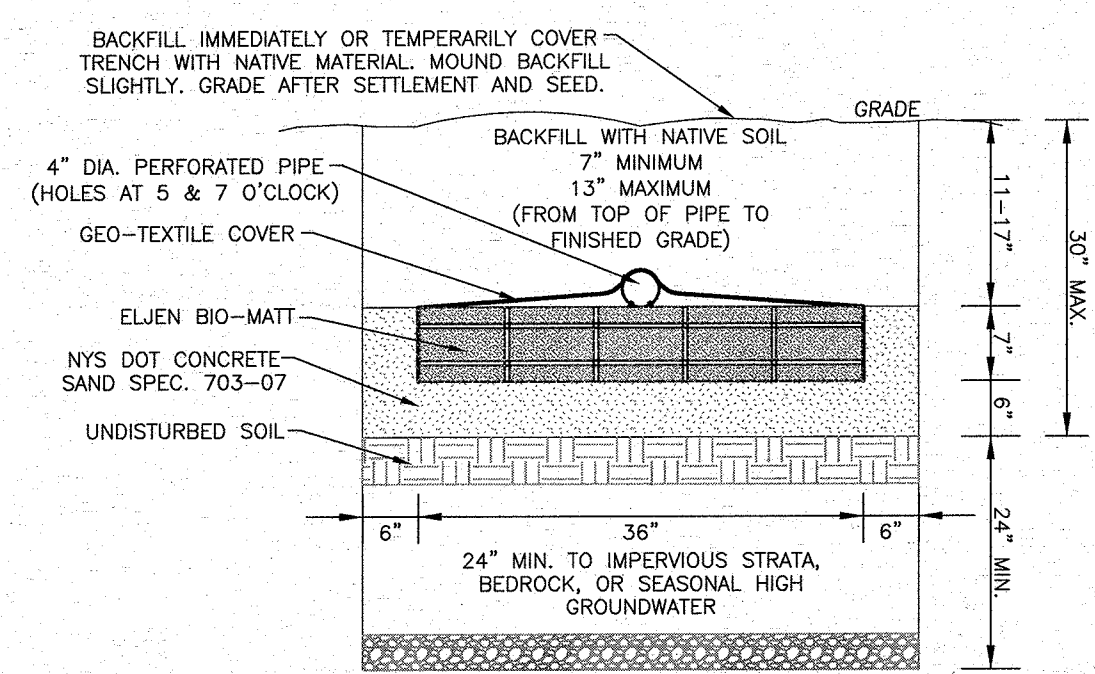
N.T.S.



TYPICAL SEPARATION DISTANCE REQUIREMENTS

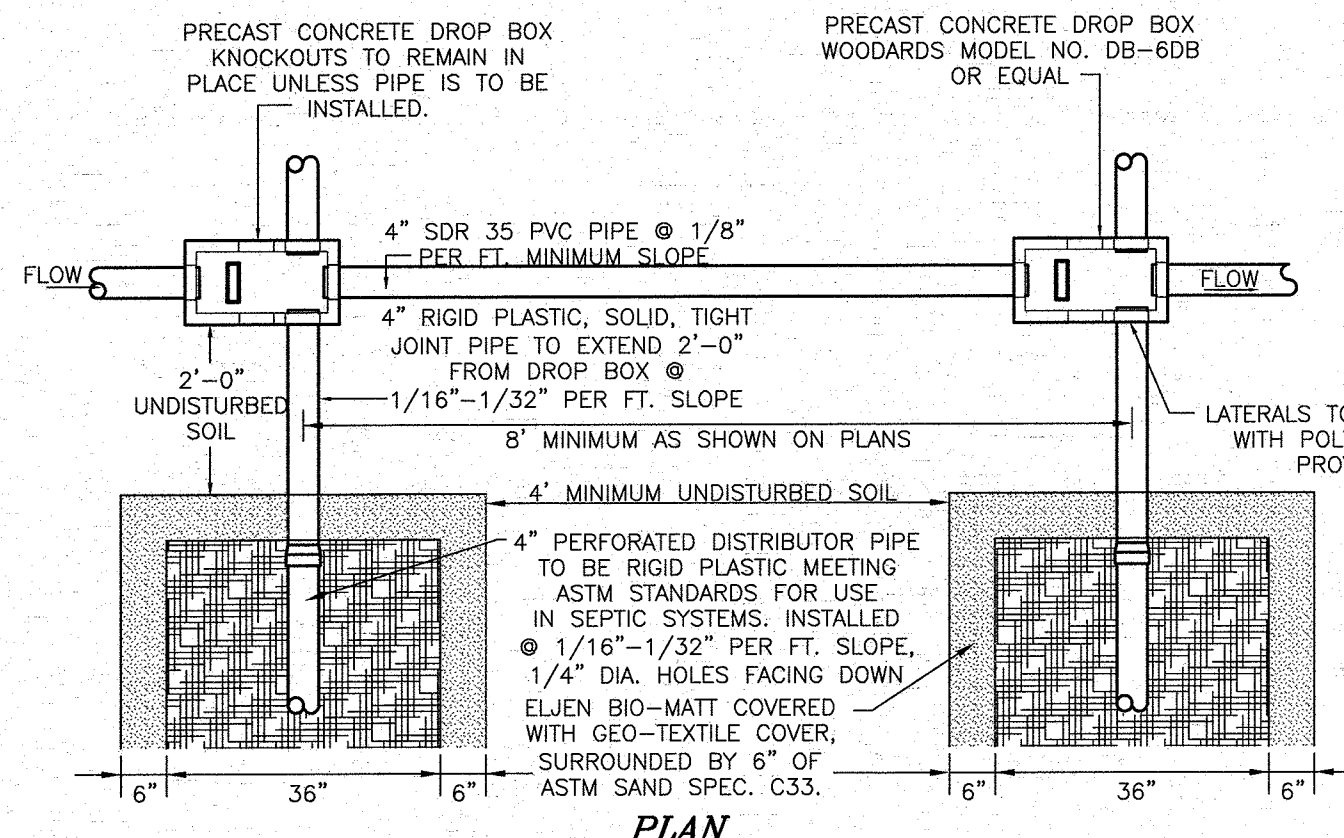
N.T.S.

CAD\SDS39



ELJEN IN-DRAIN CROSS SECTION DETAIL

N.T.S.

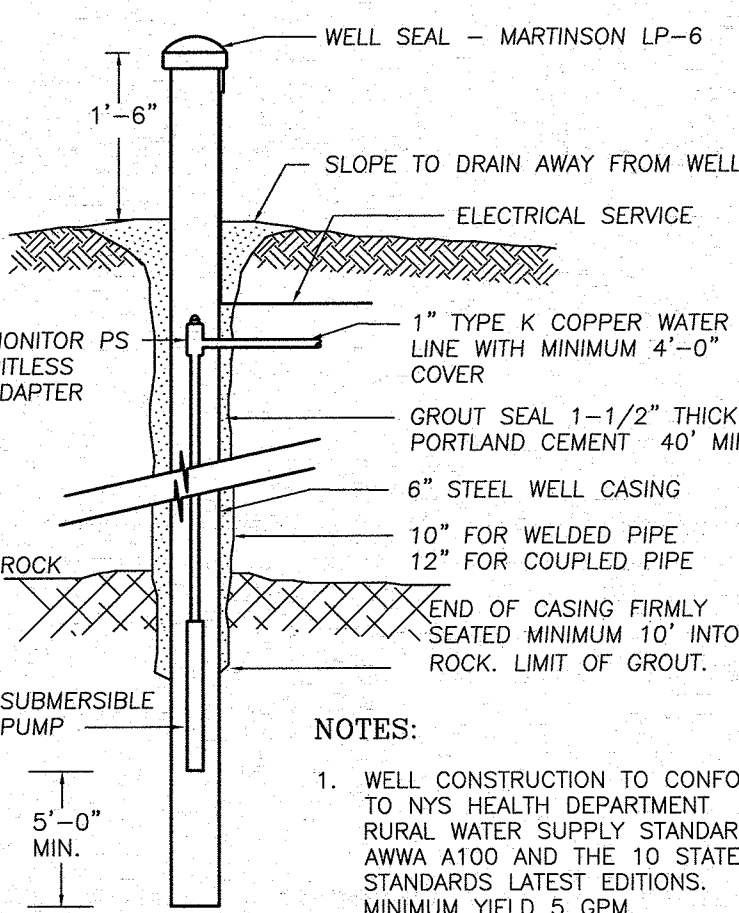


NOTES:

- 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 RAKED 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.



WELL DETAIL

N.T.S.

NOTES:

- WELL CONSTRUCTION TO CONFORM TO NYS HEALTH DEPARTMENT RURAL WATER SUPPLY STANDARDS, AWMA A100 AND THE 10 STATE STANDARDS LATEST EDITIONS. MINIMUM YIELD 5 GPM.
- INSTALL TOP OF CASING MINIMUM 24" ABOVE THE 100 YEAR FLOOD LEVEL.
- ANTICIPATED WELL DEPTHS ARE BETWEEN 300' AND 500', WITH HARDPAN OVERBURDEN.
- 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.

RESERVED FOR TOWN PLANNING BOARD APPROVAL

FOR HEALTH DEPARTMENT APPROVAL

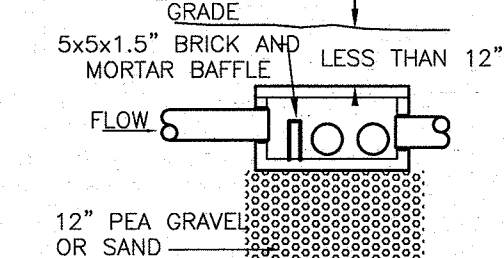
ENGINEER'S CERTIFICATION

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.

GENERAL NOTES - SEWAGE SYSTEMS

- SEPTIC SYSTEMS TO CONFORM TO THE MINIMUM REQUIREMENTS OF THE N.Y.S. HEALTH DEPARTMENT STANDARDS/CODES FOR INDIVIDUAL DISPOSAL SYSTEMS, APPENDIX 75-A, AND THE AUTHORITY HAVING JURISDICTION.
- THE SANITARY FACILITIES ON THESE PLANS SHALL BE INSPECTED FOR COMPLIANCE WITH THE APPROVED PLANS, AT THE TIME OF CONSTRUCTION, BY A LICENSED PROFESSIONAL ENGINEER, WRITTEN CERTIFICATION TO THAT EFFECT SHALL BE SUBMITTED TO THE COUNTY HEALTH DEPARTMENT AND THE LOCAL BUILDING CODE ENFORCEMENT OFFICER PRIOR TO OCCUPANCY, AND SHALL INDICATE THAT ANY JOINTS HAVE BEEN SEALED AND TESTED FOR WATER TIGHTNESS AND THAT THE TANK IS INSTALLED IN ACCORDANCE WITH APPENDIX 75-A AND THE MANUFACTURER'S INSTRUCTIONS.
- SEPTIC FIELDS AND WELLS SHALL NOT BE RELOCATED.
- ALL PERCOLATION TESTS TAKEN AT 24" - 30" UNLESS OTHERWISE NOTED.
- SEPTIC SYSTEM DESIGNS ARE BASED ON THE SLOWEST PERCOLATION RATE FOUND WITHIN THE AREA OF THE SYSTEM.
- LAUNDRY WASTE IS TO BE DISCHARGED INTO THE SEPTIC SYSTEM.
- HOUSE SEWER AND SEWER RUNS SHALL NOT EXCEED 75' BETWEEN POINTS OF POSSIBLE CLEANOUT. AT LEAST ONE CLEANOUT IS TO BE PROVIDED. BENDS ARE TO BE AVOIDED BUT WHERE REQUIRED AN ADDITIONAL CLEANOUT SHALL BE INSTALLED.
- THE MAXIMUM LENGTH OF ABSORPTION LINES USED IN CONJUNCTION WITH GRAVITY DISTRIBUTION SHALL BE 60 FEET.
- FOOTING DRAINS ARE NOT TO DISCHARGE INTO THE SEPTIC SYSTEM. FOOTING DRAINS ARE TO RUN TO DAYLIGHT WITH RODENT SCREEN.
- UNLESS OTHERWISE INDICATED ON THESE PLANS, INDIVIDUAL SEPTIC TANKS ARE TO BE DESIGNED TO ACCOMMODATE GARAGE GRINDERS.
- TRENCHES SHALL NOT BE CONSTRUCTED IN WET SOILS.
- SIDES AND BOTTOM OF TRENCHES SHALL BE RAKED IMMEDIATELY PRIOR TO PLACING SAND.
- THE END OF ALL DISTRIBUTOR PIPES SHALL BE PLUGGED.
- HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE TILE FIELD EXCEPT FOR THE ACTUAL CONSTRUCTION OF THE FIELD. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE AREA OF THE PROPOSED FIELD BEFORE, DURING AND AFTER CONSTRUCTION. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION SO AS TO AVOID ANY UNIFORM COMPACTION THAT COULD RESULT IN A CHANGE OF THE ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED.
- THERE IS NO REGRADING ALLOWED IN THE AREA OF THE ABSORPTION FIELD. NO SWIMMING POOLS, DRIVEWAYS, OR STRUCTURES WHICH MAY COMPACT THE SOIL SHALL BE LOCATED OVER ANY PORTION OF THE ABSORPTION FIELD.
- THIS SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARAGE GRINDERS, OR "JACUZZI" TYPE SPA TUBS OVER 100 GALLONS. AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SDS IS REDESIGNED TO ACCOUNT FOR THEM AND REAPPROVED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH.
- THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE HOUSE, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.

ASTM SAND SPEC. C.33		
SIEVE SIZE	% PASSING BY WEIGHT	
3/8"	100	
NO. 4	95	100
NO. 8	80	100
NO. 16	50	85
NO. 30	25	60
NO. 50	5	30
NO. 100	0	10
NO. 200, WET	0	5



DROP BOX

ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTE:

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.

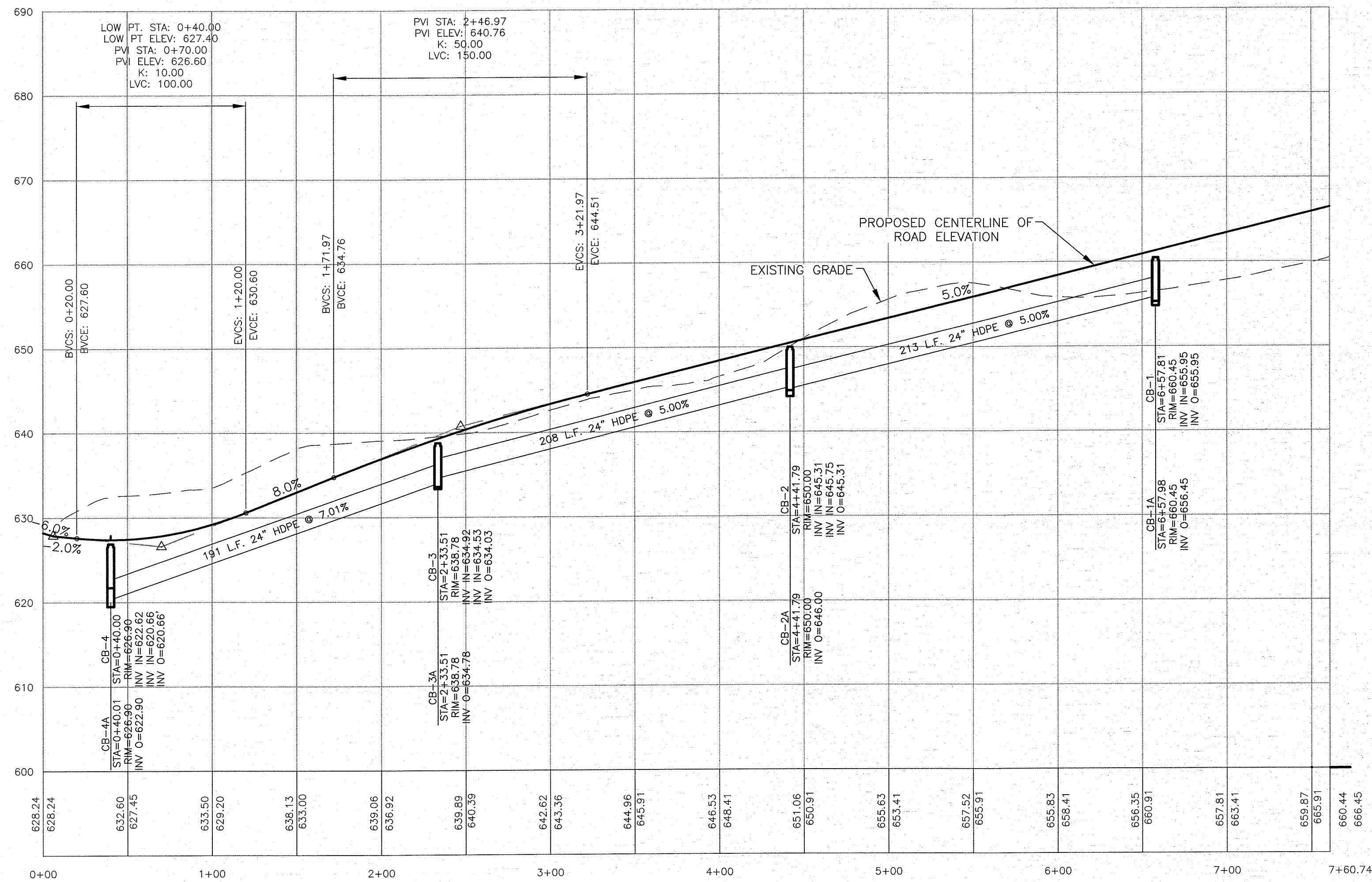
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01-21-16	REVISIONS AS PER 9/2 COMMENT LETTER	NR
08-17-15	REVISIONS AS PER O.C.D.P.W. LETTER	NR
06-01-15	REVISIONS AS PER O.C.D.P.W. LETTER	NR
12-15-14	REVISIONS AS PER 12/2 COMMENT LETTER	NR
11-18-14	REVISIONS AS PER 10/9 COMMENT LETTER	NR
10-01-14	DESIGN PREPARATION DATE	NR
12-05-13	CLUSTER SKETCH PLAN PREPARATION DATE	J.P.

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PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC
282 GREENWICH AVENUE, SUITE A
GOSHEN, NEW YORK 10924
(845) 294-0006

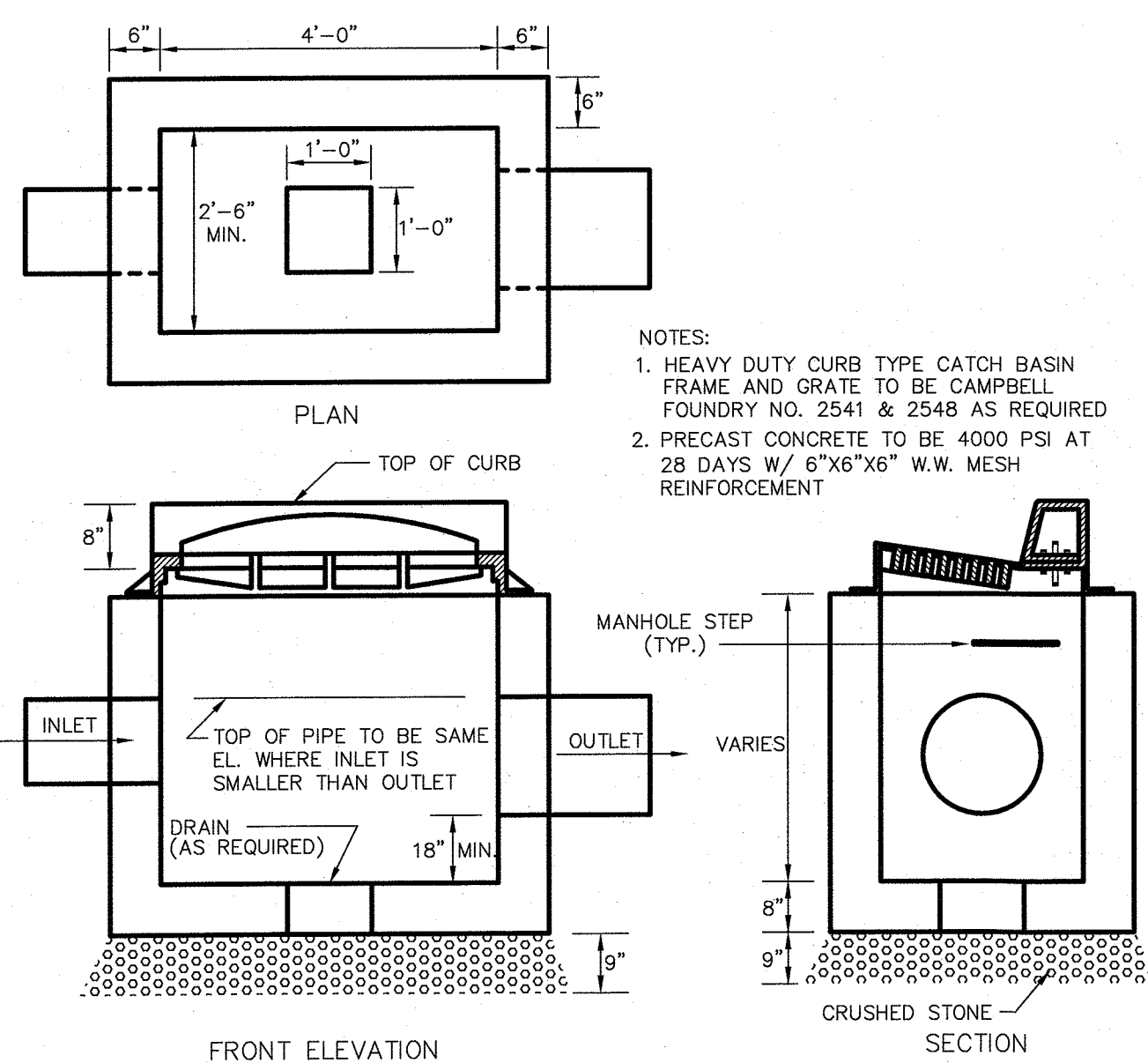
2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(845) 796-6466



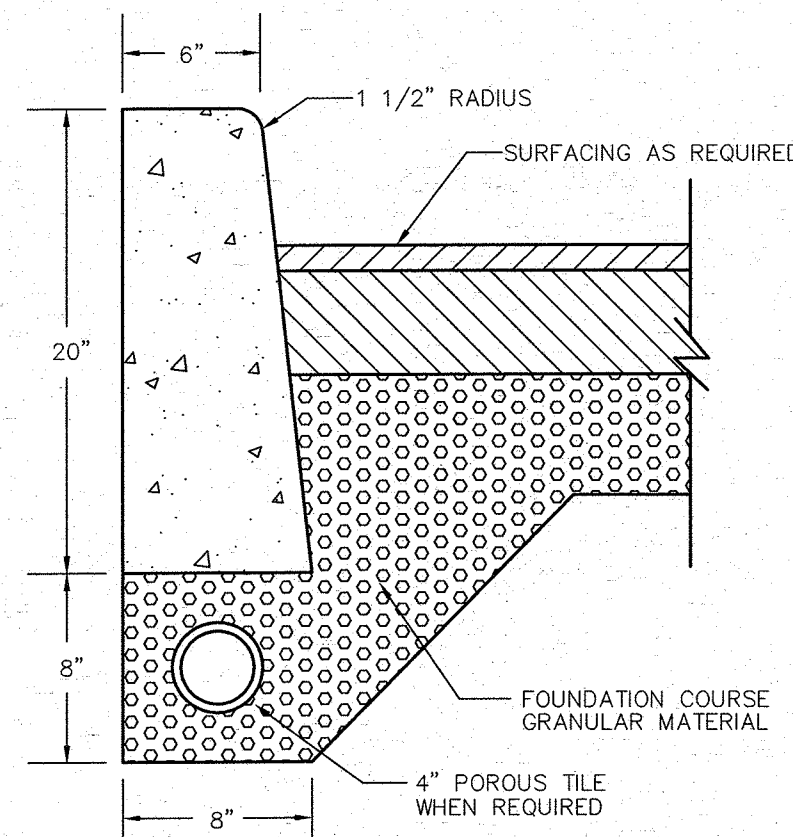
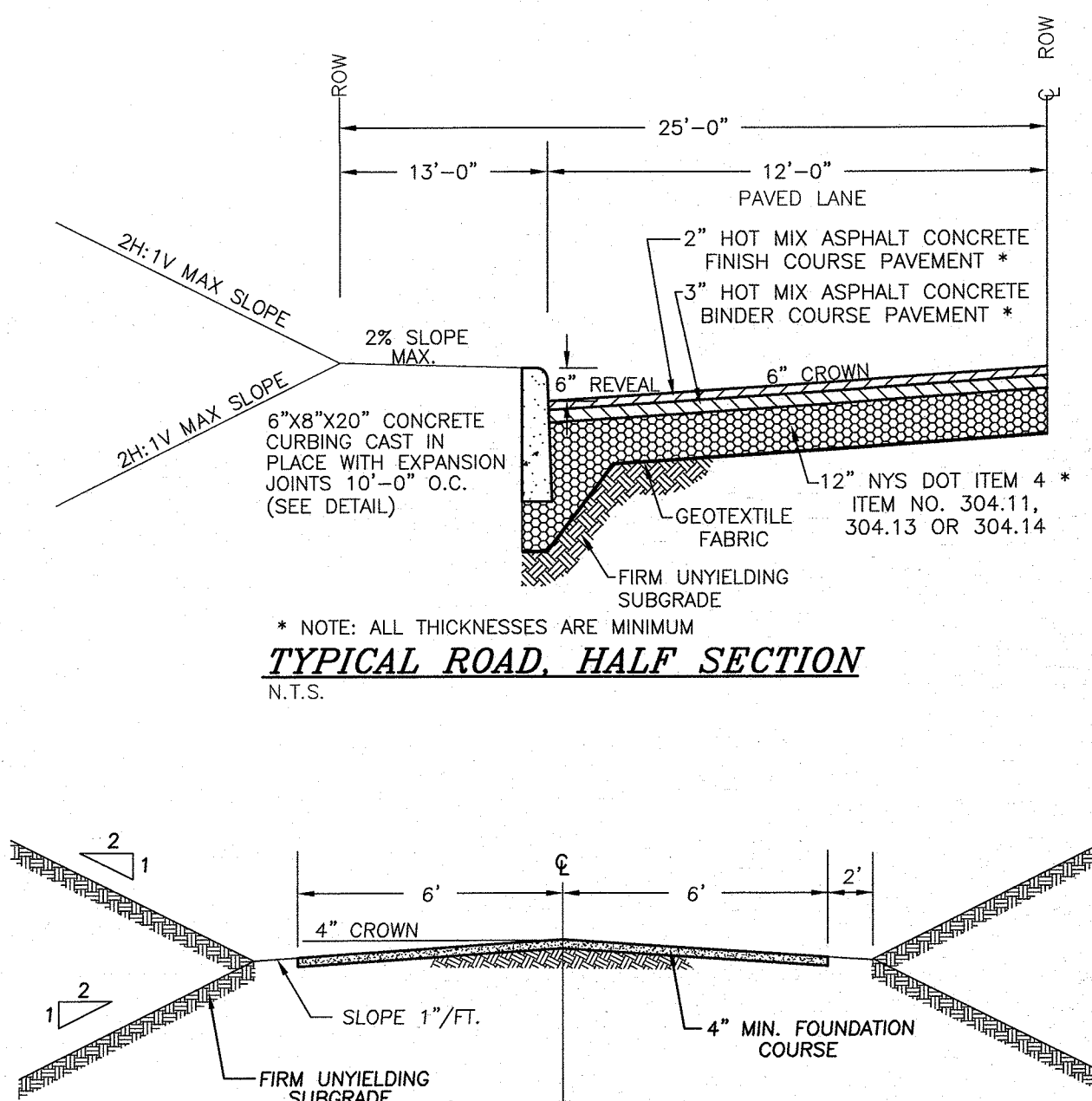
ROAD A PROFILE

SCALE:

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



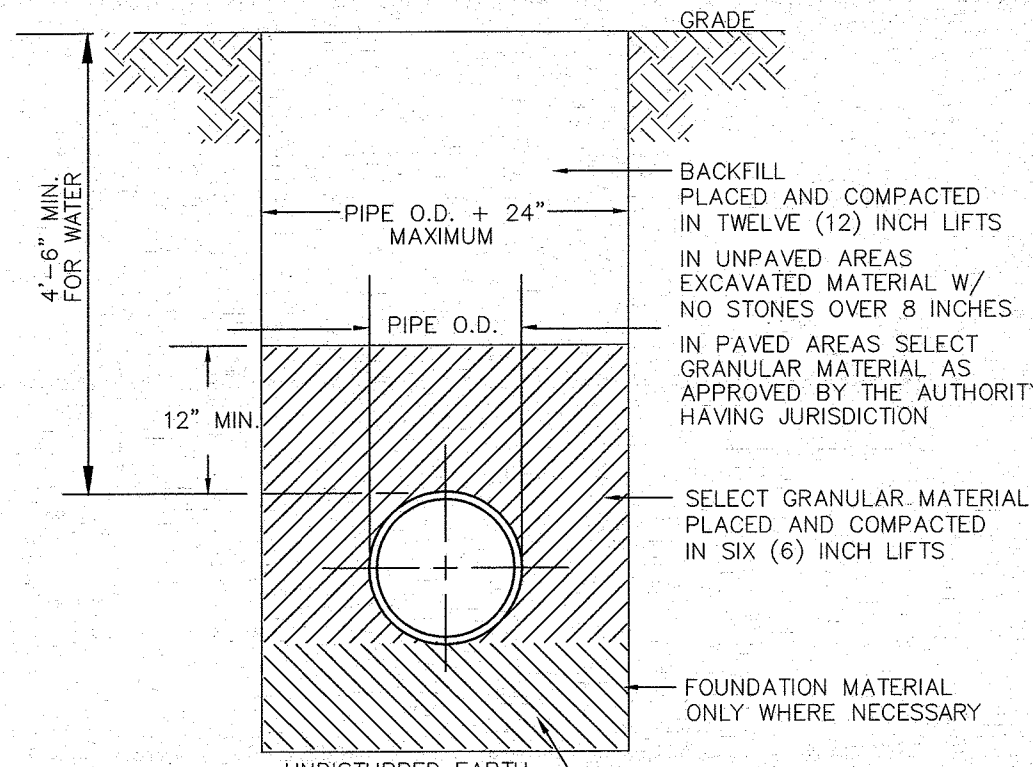
PRECAST CONCRETE CURB INLET DETAIL
N.T.S. CAD/CIV



NOTES:

- CURB SHALL BE CAST IN PLACE. EXPANSION JOINTS OF 3/16" CELLULOSE OR SIMILAR MATERIAL SHALL BE PLACED AT TEN (10) FOOT INTERVALS. CONCRETE TO BE 1:2:3 MIX DESIGN, AIR ENTRAINED WITH DUREX OR EQUAL.
- CONCRETE TO TEST 4000 PSI AT 28 DAYS

CONCRETE CURB DETAIL
N.T.S.



PIPE BEDDING & BACKFILL DETAIL
N.T.S.

RESERVED FOR TOWN PLANNING BOARD APPROVAL

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11-18-14	REVISIONS AS PER 10/9 COMMENT LETTER	NR
10-01-14	DESIGN PREPARATION DATE	NR
12-05-13	CLUSTER SKETCH PLAN PREPARATION DATE	JJP
DATE	DESCRIPTION	INITIALS
REVISIONS		
MAP CHECK DATE: 00-00-00	INITIALED BY: --	

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MONTICELLO, NEW YORK 12701
(845) 786-6846

NICHOLAS F. GREGAN P.L.S.
LICENSE NO. 650075
SIGNATURE: [Signature]
DATE: 1-21-16

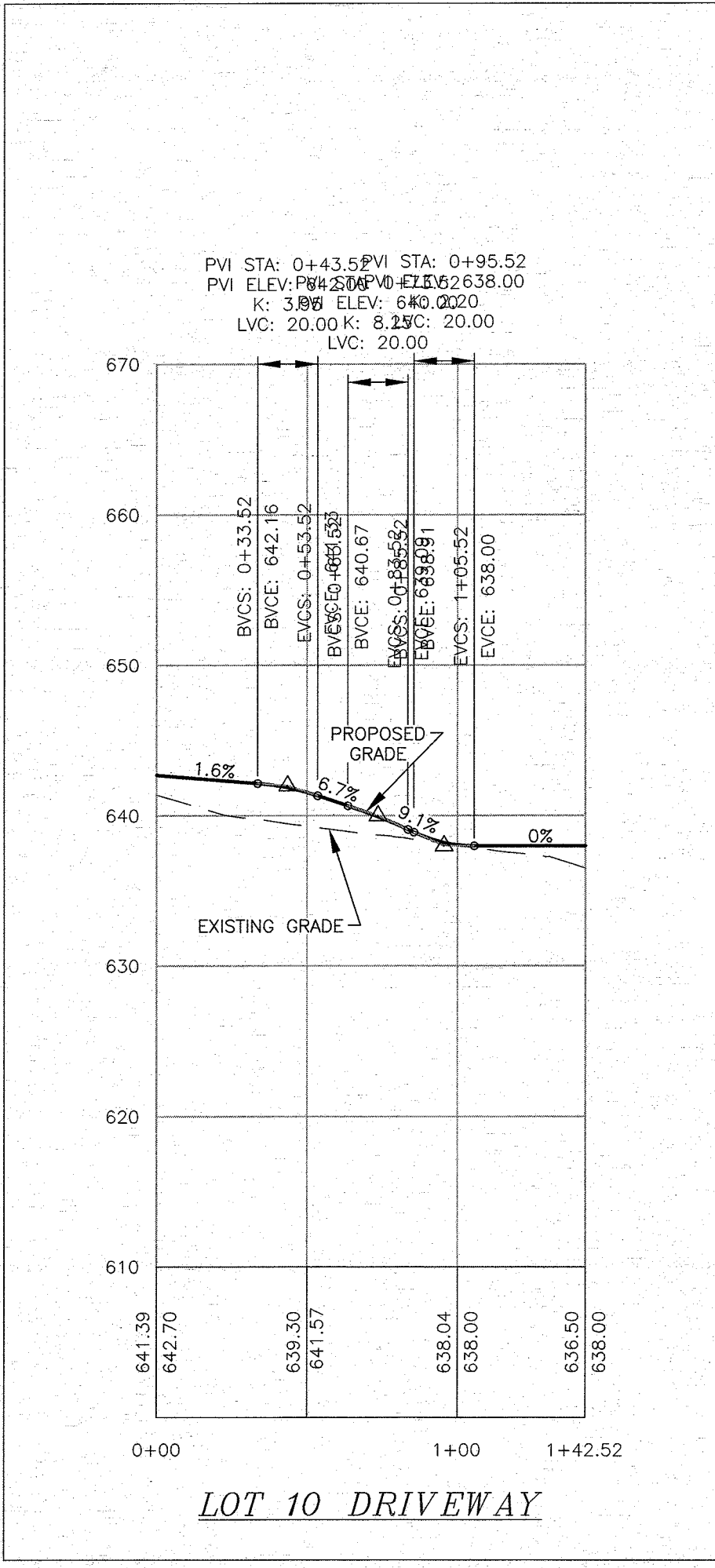
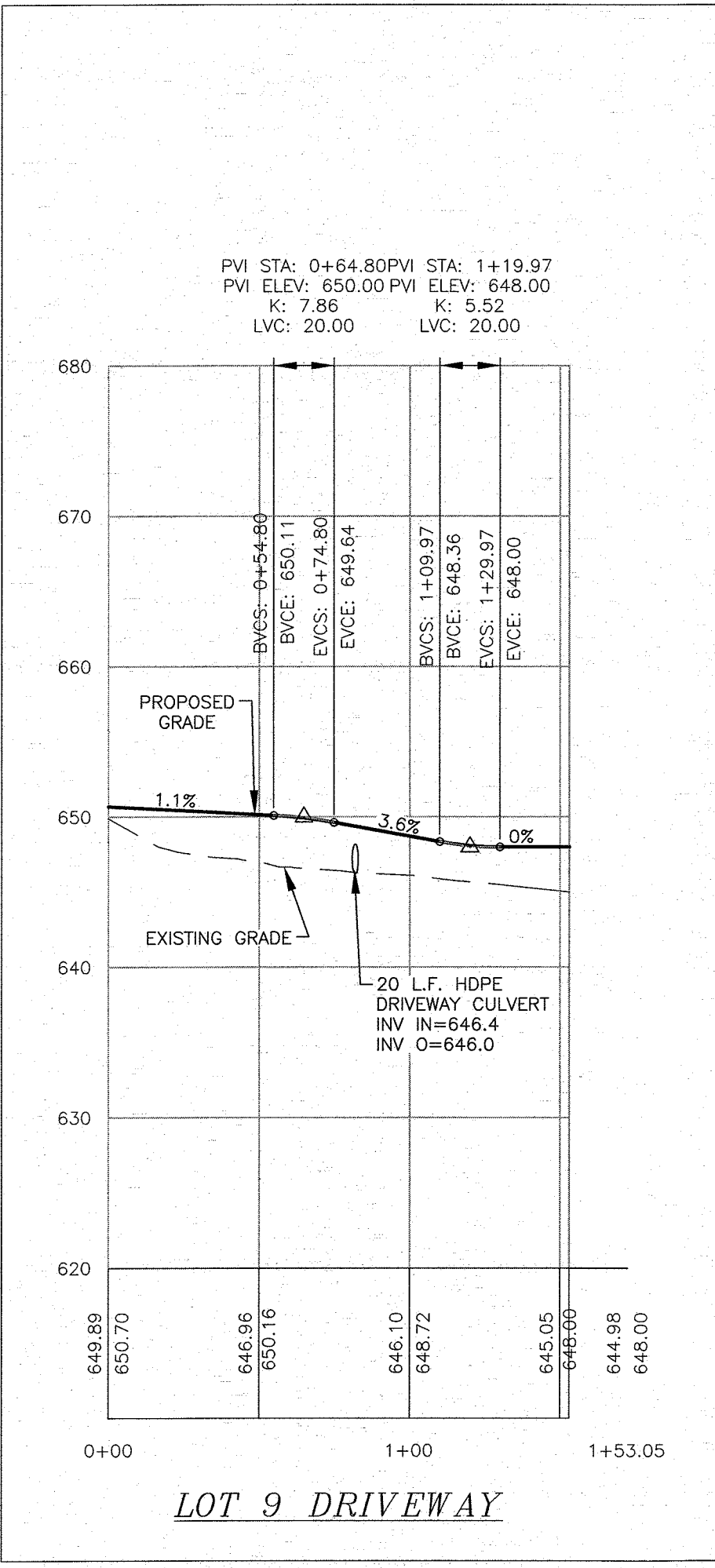
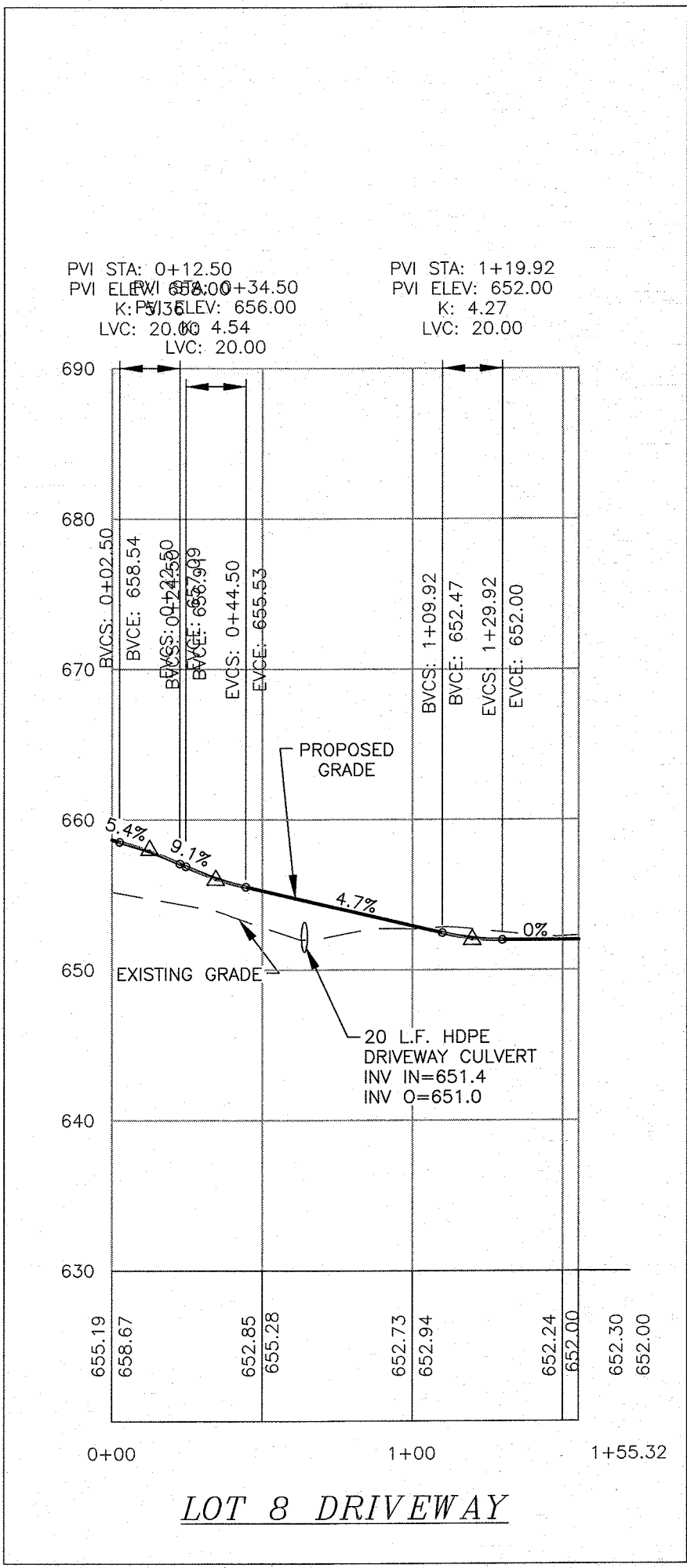
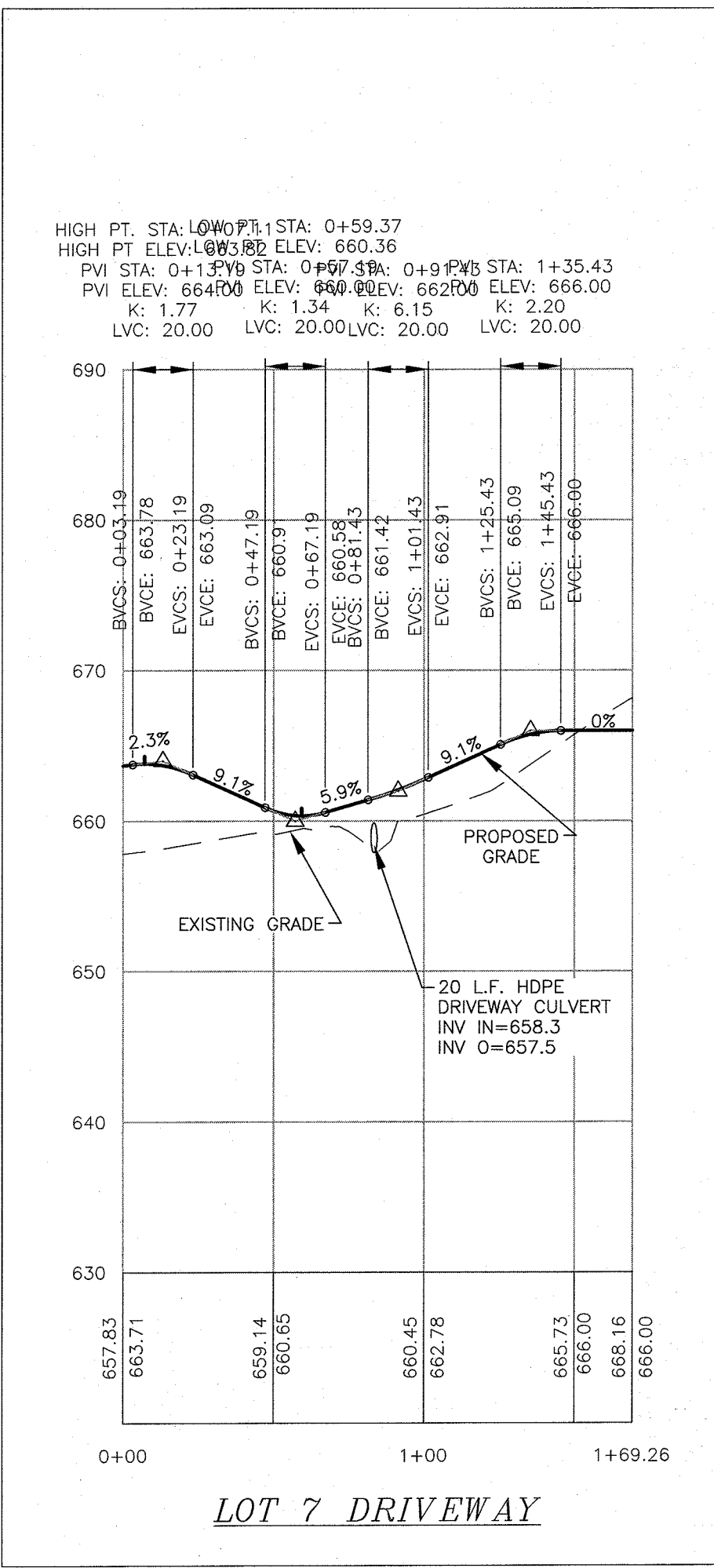
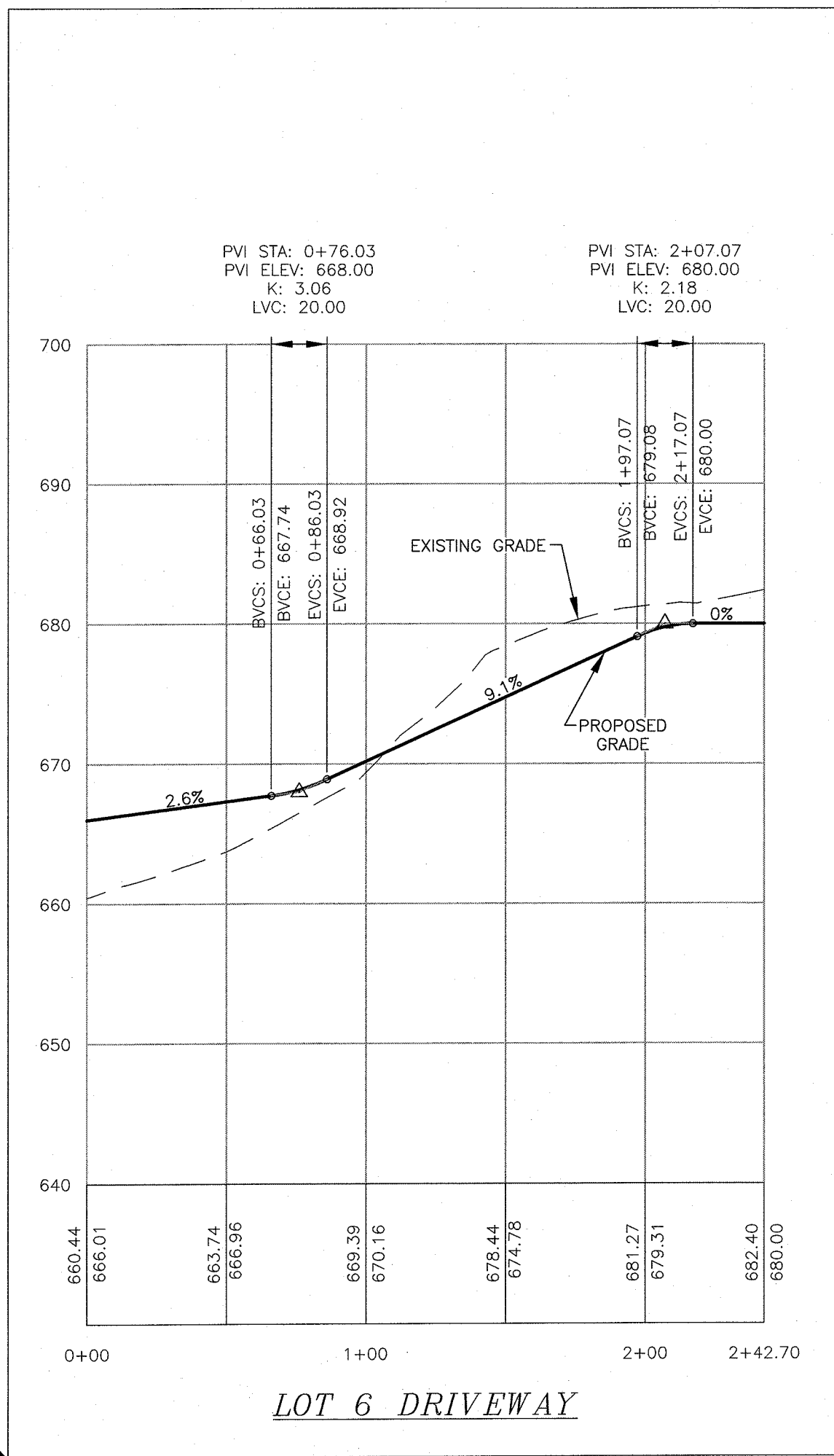
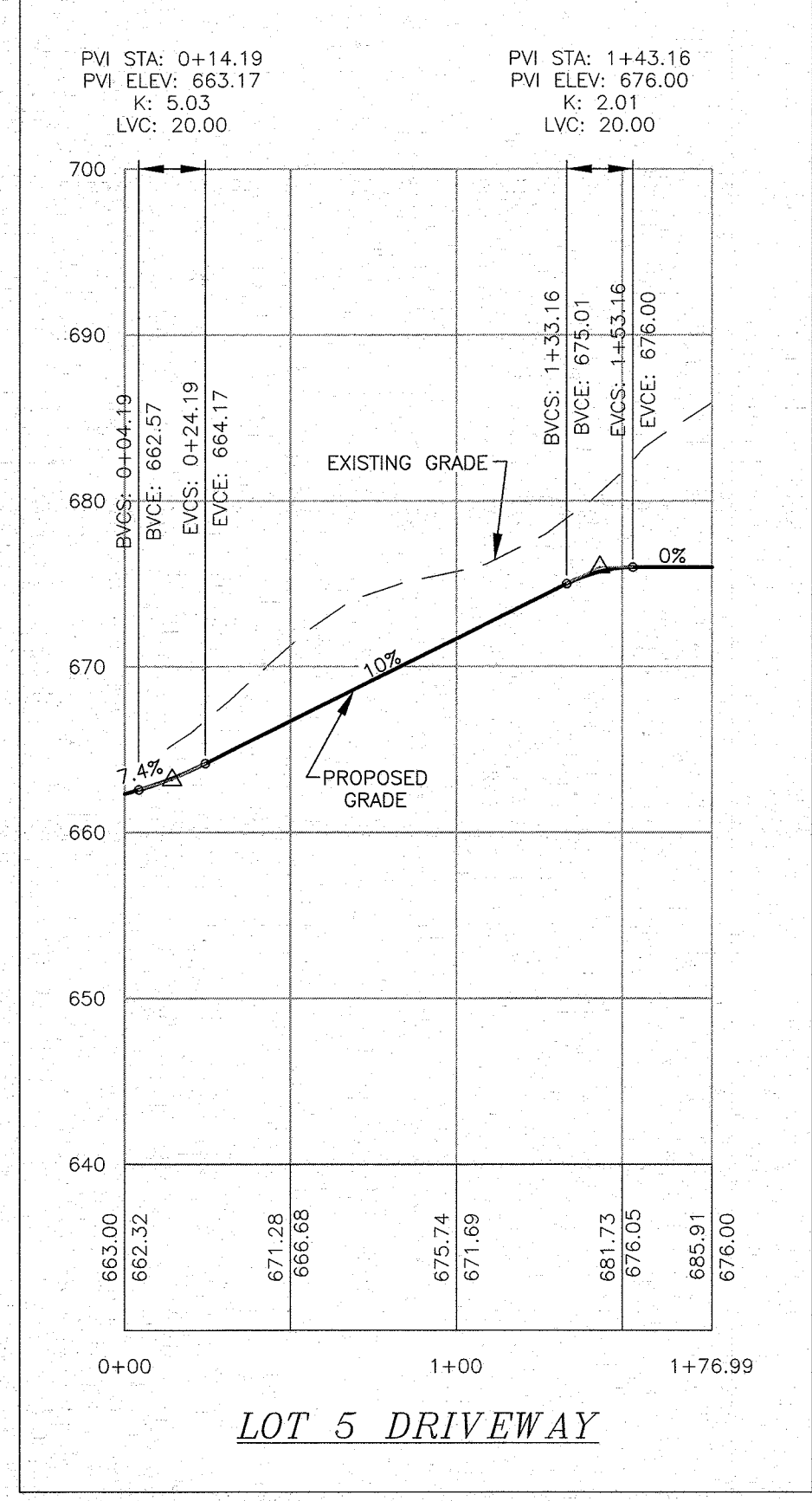
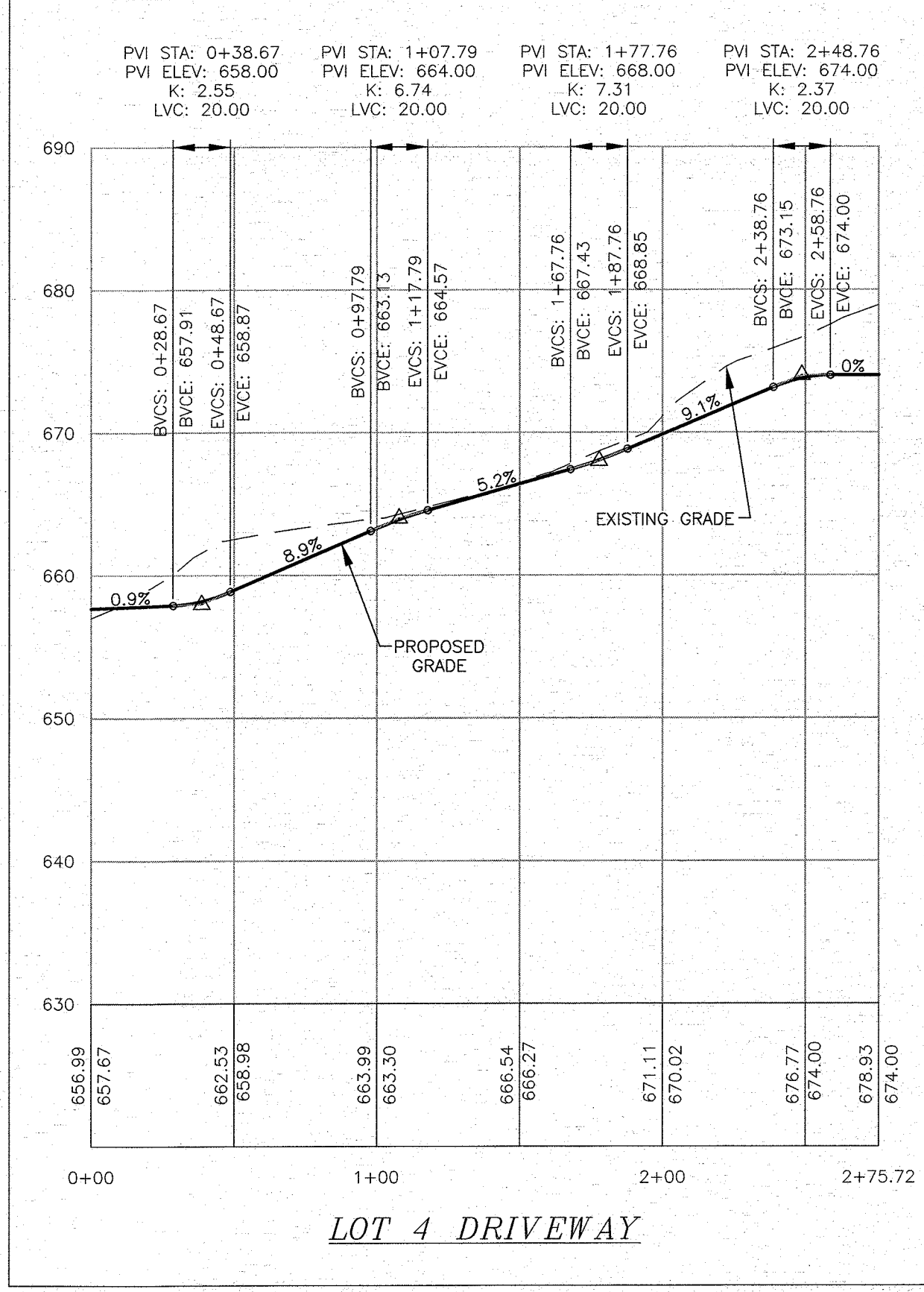
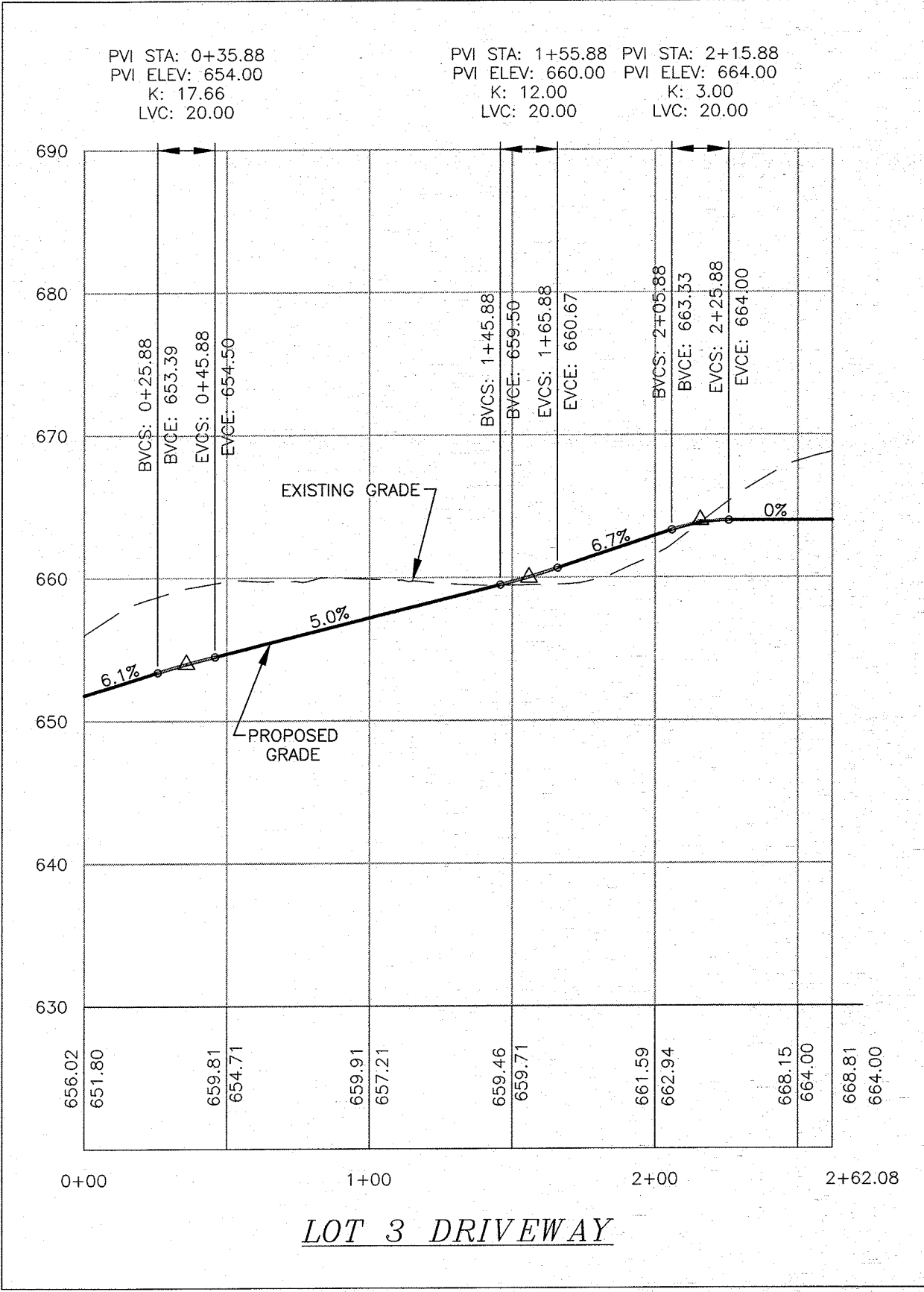
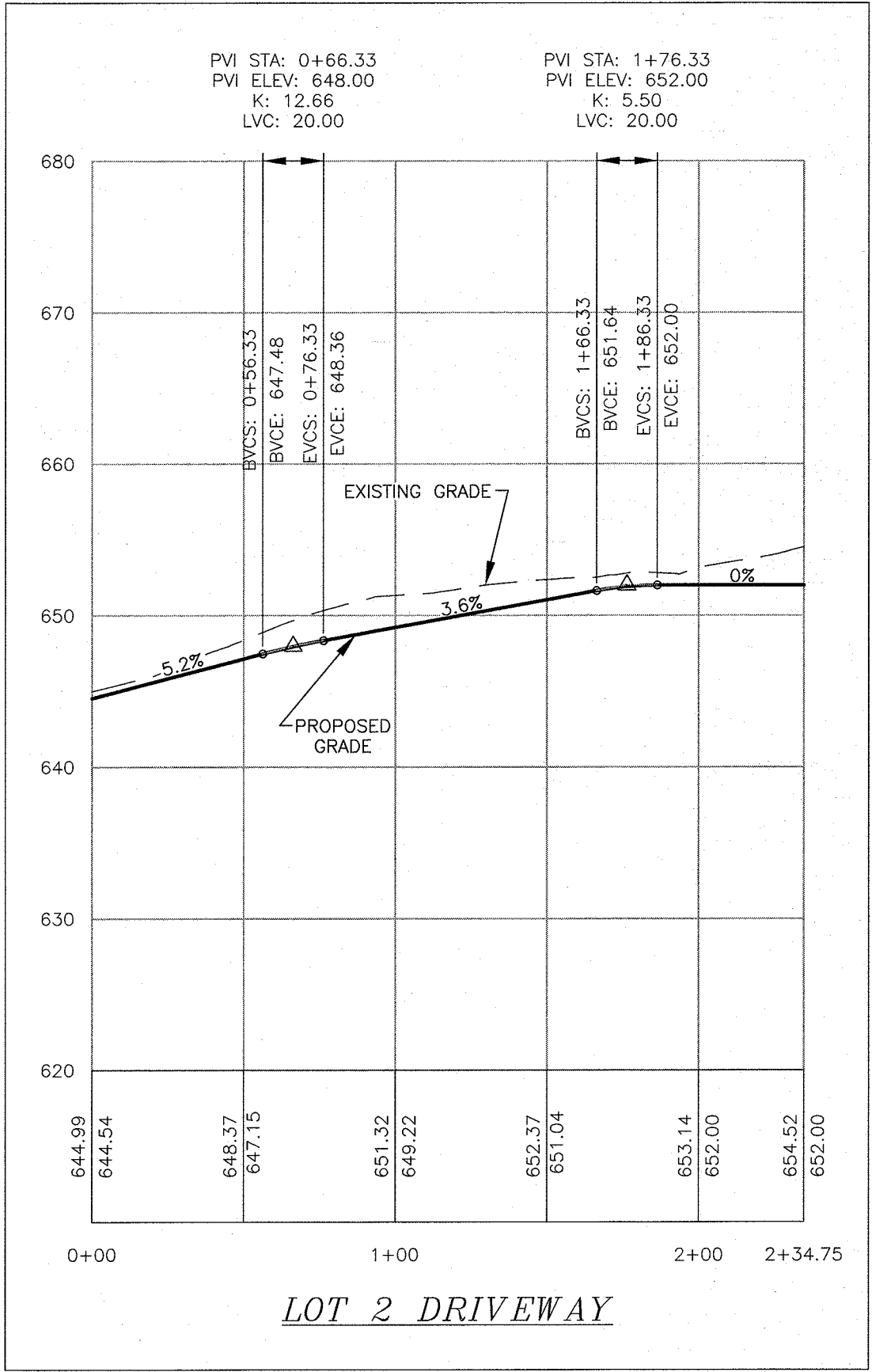
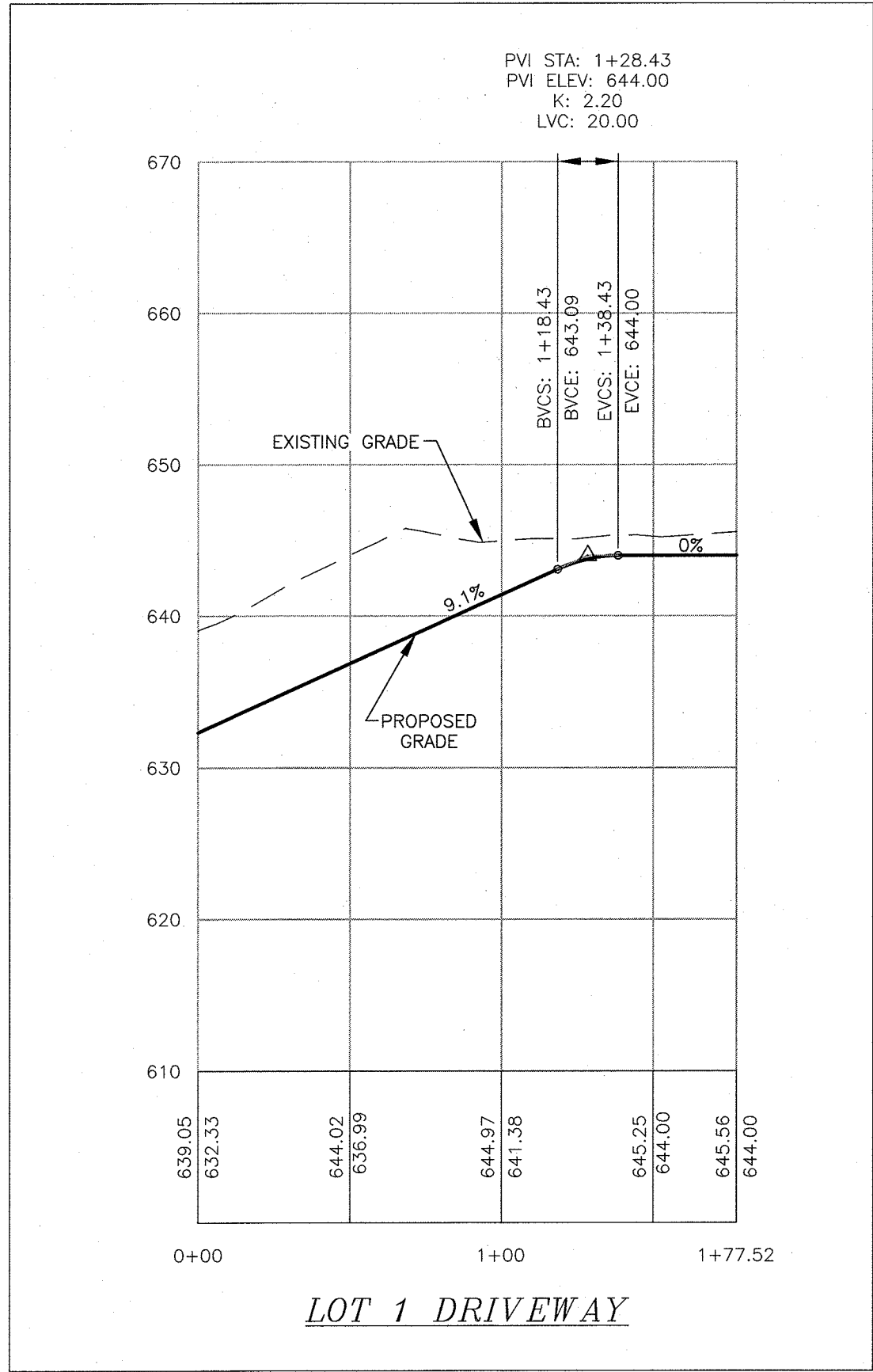
WOODRIDGE CLUSTER
SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK

PROFILE VIEW & SITE DETAILS
SECTION 8 BLOCK 1 LOT 50.2

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.	D.E.C. SHEET NO.	DRAWING NUMBER
N/A OF	N/A OF	12 OF 16
SCALE AS SHOWN	CAD REFERENCE 14102 ENG BASE	PROJECT NUMBER 14102.01



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

RESERVED FOR TOWN PLANNING BOARD APPROVAL

ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTE:
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.

DATE	DESCRIPTION	INITIALS
01-21-16	REVISIONS AS PER 9/2 COMMENT LETTER	NR
08-17-15	REVISIONS AS PER O.C.D.P.W. LETTER	NR
06-01-15	REVISIONS AS PER O.C.D.P.W. LETTER	NR
12-15-14	REVISIONS AS PER 12/2 COMMENT LETTER	NR
11-18-14	REVISIONS AS PER 10/9 COMMENT LETTER	NR
10-01-14	DESIGN PREPARATION DATE	NR
12-05-13	CLUSTER SKETCH PLAN PREPARATION DATE	JUP

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

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC
282 GREENWICH AVENUE, SUITE A GOSHEN, NEW YORK 10924 (945) 294-0606
2 HAMILTON AVENUE MONTICELLO, NEW YORK 12701 (945) 786-6646

JOSEPH J. PFAU P.E. LICENSE NO. 050323
MICHAEL F. CROGAN P.L.S. LICENSE NO. 050075
PIETRZAK & PFAU P.L.L.C. LICENSE NO. 050075
PIETRZAK & PFAU P.L.L.C. LICENSE NO. 35396

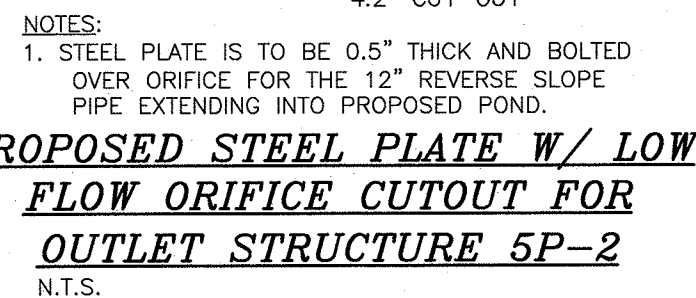
WOODRIDGE CLUSTER
SUBDIVISION
TOWN OF CHESTER
COUNTY OF ORANGE, NEW YORK
PROJECT TITLE

DRIVEWAY PROFILES
SECTION 8 BLOCK 1 LOT 50.2

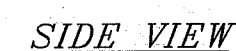
DRAWING TITLE
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7208, SUB-DIVISION 2 OF THE N.Y. STATE ENGINEERING LAW.

O.C.D. SHEET NO.	D.E.C. SHEET NO.	DRAWING NUMBER
N/A	N/A	13 OF 15

SCALE	CAD REFERENCE	PROJECT NUMBER
AS SHOWN	14102 ENG BASE	14102.01



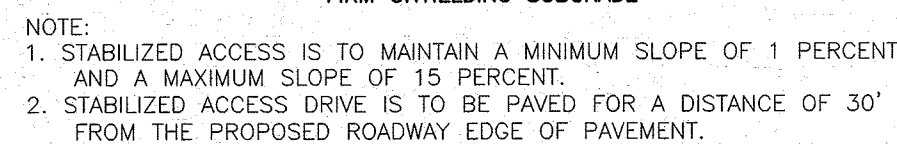
PROPOSED OUTLET CONTROL STRUCTURE 5P-2 DETAIL
N.T.S.



PROPOSED OUTLET CONTROL STRUCTURE 5P-3 DETAIL
N.T.S.



SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 20'



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

ORANGE COUNTY DEPARTMENT
OF PUBLIC WORKS NOTE:

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

MAP CHECK DATE: 00-00-00	INITIALED BY: --
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PIETRZAK & PFAU
ENGINEERING & SURVEYING

262 GREENWICH AVENUE, SUITE A
GOSHEN, NEW YORK 10924
(845) 294-0606

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

JOSEPH J. PFAU P.E.  **MICHAEL P. CREEGAN P.L.S.**
LICENSE NO. 068045 LICENSE NO. 050323

VINCENT J. METERZAK P.E. P.L.S. LEED® AP
 1000 N. 10TH ST. SUITE 1000
 AUSTIN, TEXAS 78701
 PHONE NO. 462-9336

P.L.S. LICENSE NO. 050075
N.P.L.S. LICENSE NO. 35396

SIGNATURE _____ DATE 1-21-16

WOODBRIDGE CLUSTER

SUBDIVISION

SUBDIVISION

COUNTY OF ORANGE, NEW YORK
PROJECT TITLE

STORMWATER POND

DETAILS
SECTION 8 BLOCK 1 LOT 50.2

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 _____	D.E.C. SHEET NO. <u>N/A</u> OF _____	DRAWING NUMBER <u>14</u> OF <u>15</u>
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SCALE NO SCALE	CAD REFERENCE 14102 ENG BASE	PROJECT NUMBER 14102.01
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THIS SHEET IS NOT FOR ORANGE
COUNTY HEALTH DEPARTMENT
REVIEW OR APPROVAL

RESERVED FOR TOWN PLANNING BOARD APPROVAL

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.

