



CONSULTING ENGINEERS, D.P.C.

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Principal Emeritus:
RICHARD D. McGOEY, P.E. (NY & PA)

**TOWN OF NEWBURGH
PLANNING BOARD
TECHNICAL REVIEW COMMENTS**

PROJECT: ZAZONE- 11 LOT SUBDIVISION
PROJECT NO.: 04-29
PROJECT LOCATION: SECTION 20, BLOCK 1, LOT 24
REVIEW DATE: 26 FEBRUARY 2021
MEETING DATE: 4 MARCH 2021
PROJECT REPRESENTATIVE: PIETRZAK & PFAU

1. Status of the Orange County Department of Public Works approval for the access road should be received.
2. Bonding for the proposed public improvements will be required. The Applicants representative are requested to submit cost estimates to the Planning Board for review and approval. Bond estimates will be submitted to the Town Board for approval.
3. Road name is required. Approval of the road name by the Town Board is required.
4. Status of the County Health Department approvals for the subsurface sanitary sewer disposal system should be updated with the Board.
5. An updated SWPPP is under review by this office.
6. A Notice of Intent and a Municipal Authorization are required to be filed prior to construction.
7. Establishment of a drainage district must occur for ownership and operation of the drainage parcel.
8. Method for requiring construction and maintenance of the individual rain gardens on the lots must be addressed. Site Plan notes and or deed requirements may be necessary for the individual rain gardens.
9. Updated SWPPP should be submitted to the County Department of Public Works.
10. The Applicants representative are requested to check the outlet control structure detail versus elevations depicted in the SWPPP. The SWPPP identifies a bottom elevation of the pond of 417 while the outlet control structure identifies a pond bottom of 405. Similar discrepancies exist in the outlet control structure model versus the outlet control structure detail. It appears

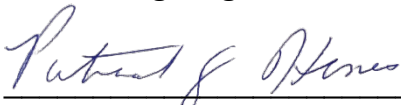
• Regional Office • 111 Wheatfield Drive • Suite 1 • Milford, Pennsylvania 18337 • 570-296-2765 •

that two separate details exist on the plan sheets which must be coordinated.

11. Additional detail on the rain gardens including grading of the rain garden and sizing of the rain gardens on each of the lots must be provided.
12. Standard notes for connection to the Town of Newburgh's water system are required on the plans. Copy of the 2015 version is attached to this comment memo.
13. The detail sheet depicting the watermains identifies all of the details not for Health Department review. This should be addressed by the Applicant. Status of Health Department review of the watermain extension should be addressed.
14. Highway Superintendents comments regarding the roadway design should be received.
15. Hydrant locations should be evaluated by the Jurisdictional Fire Department.
16. Limits of disturbance should be depicted on the project.
17. The Applicants are requested to clarify that fencing of the detention pond facilities will be provided. Access to the facilities should be addressed for maintenance issues.
18. Any of the previous Conditions of Approval should be identified.
19. Bonding for Stormwater and Landscaping improvements are required.
20. This office recommends the Planning Board schedule a final Public Hearing at the appropriate time.
21. A review of the NYSDEC website does not identify any new updated information on the subject parcel. The area is not located in an area identified as habitat for protected Bat species.

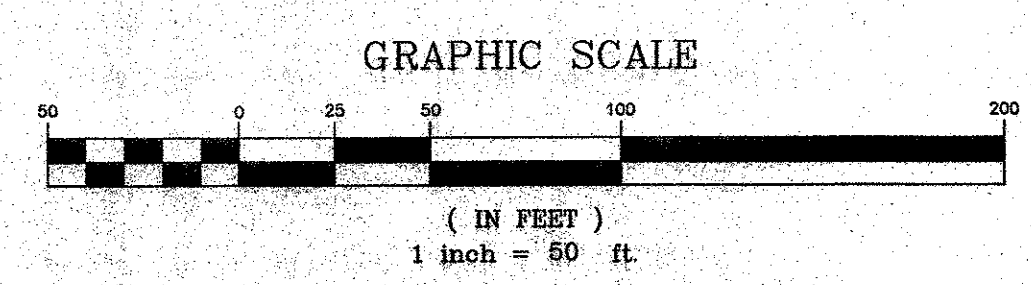
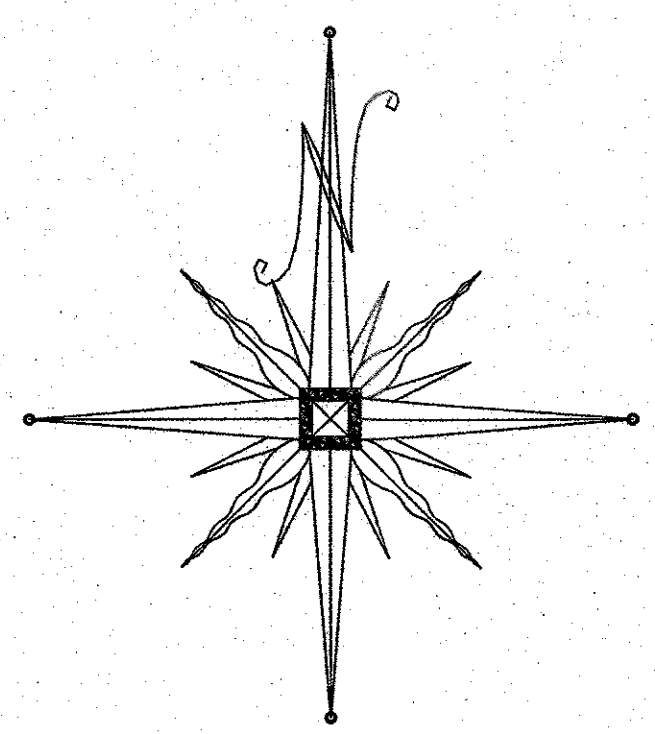
Respectfully submitted,

**McGoey, Hauser and Edsall
Consulting Engineers, D.P.C.**



Patrick J. Hines
Principal

LANDS OF ZAZON



PLAN INDEX

SHEET NO.	TITLE
1	COVER SHEET
2	SURVEY SHEET
3	GRADING SHEET
4	UTILITY SHEET
5	TREE LOCATION SHEET
6	EROSION CONTROL SHEET
7	DETAILS SHEET
8	DETAILS/PROFILE SHEET
9	STORMWATER DETAILS
10	LANDSCAPE PLAN
11	LANDSCAPE DETAILS

LEGEND

	EXISTING LOT LINE
	PROPOSED LOT LINE
	PROPOSED DWELLING
	STONE WALL TO REMAIN
	STONE WALL TO BE REMOVED

RECORD OWNER/APPLICANT
 JOSEPH ZAZON,
 S&E CONSTRUCTION
 5 SUHL LANE
 MONSEY, NY 10952

I HEREBY CERTIFY TO THE TOWN OF NEWBURGH THAT THE SEWERAGE SYSTEM DEPICTED ON THIS PLAT HAS BEEN DESIGNED IN ACCORDANCE WITH THE NEW YORK STATE PUBLIC HEALTH LAW AND ALL LAW PROMULGATED THEREUNDER.

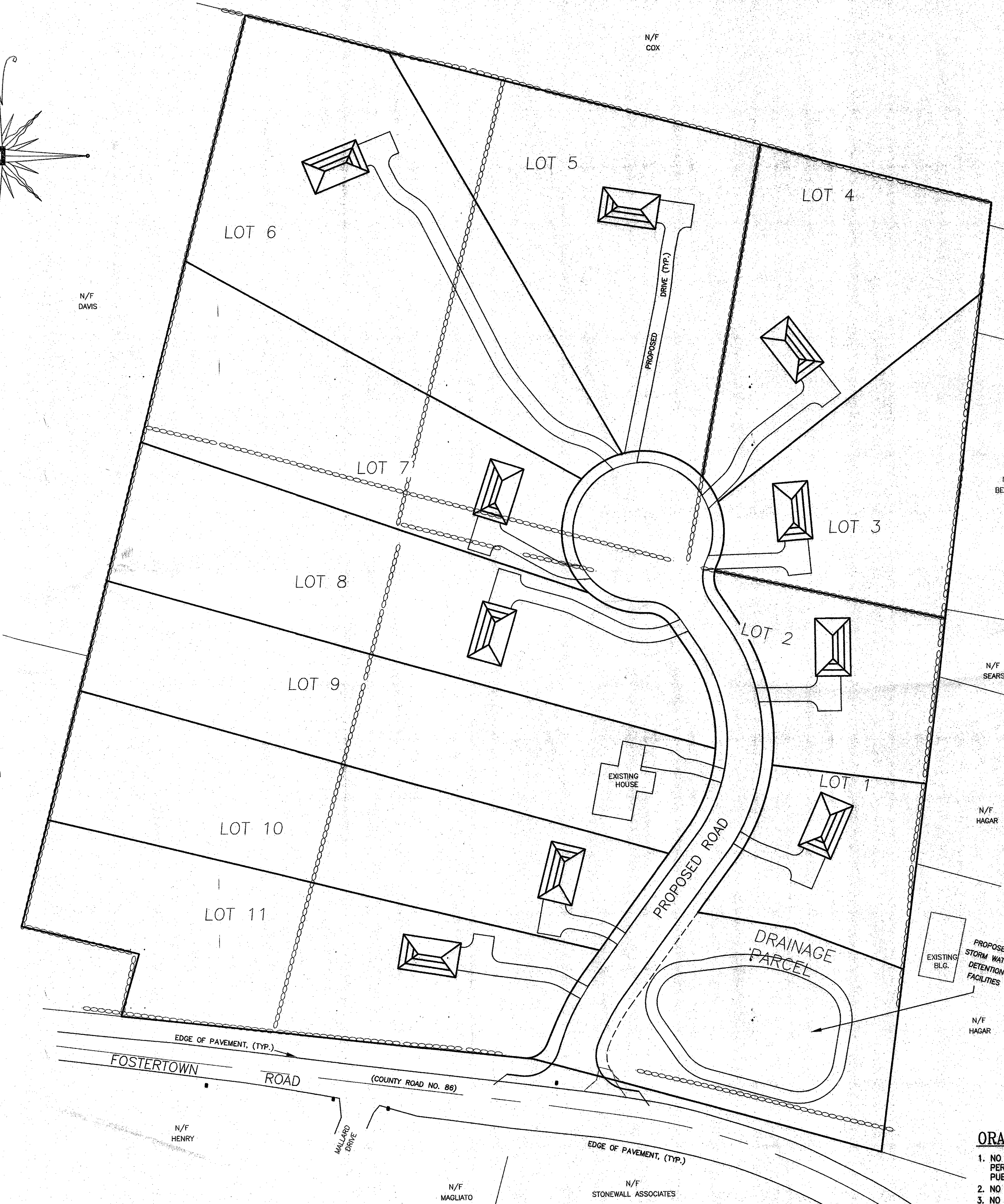
SIGNATURE _____ DATE _____

I HEREBY CERTIFY THAT I HAVE REVIEWED AND CONCUR WITH THE INFORMATION PRESENTED ON THIS PLAT,

OWNERS SIGNATURE _____ DATE _____

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. - OF -



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.
- CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION AS UNDERGROUND IMPROVEMENTS MAY EXIST WHICH WERE NOT LOCATED AT THE TIME OF THIS SURVEY.
- 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.
- TOPOGRAPHY BASED ON A SURVEY PREPARED BY PIETRZAK & PFAU ENGINEERING & SURVEYING, PLLC.
- ALL INTERIOR FEATURES MAY NOT BE SHOWN OR VISIBLE AT THE TIME OF THIS SURVEY.
- TOTAL AREA OF PARCEL: 13.56± ACRES
- PARCEL IS LOCATED IN THE R-2 ZONING DISTRICT.
- TOTAL NUMBER OF PROPOSED RESIDENTIAL BUILDING LOTS: 11
- ALL LOTS TO BE SERVED BY INDIVIDUAL SEPTIC.
- TAX MAP DESIGNATION: SECTION 20 BLOCK 1 LOT 24.
- PARCEL IS LOCATED WITHIN THE NEWBURGH CENTRAL SCHOOL DISTRICT.
- PARCEL IS LOCATED OUTSIDE ANY 100 YEAR FLOOD PLANS.
- A ROAD AGREEMENT IS TO BE FILED W/ COUNTY CLERK'S OFFICE PRIOR TO CONSTRUCTION.
- ALL UTILITIES TO BE UNDER GROUND.
- ALL SEWAGE DISPOSAL SYSTEMS AND WELLS WITHIN 200' OF THE PROJECT HAVE BEEN LOCATED AND ARE SHOWN ON THE PLANS.
- 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 ONE YEAR OF AVAILABILITY.
- ORANGE COUNTY DEPARTMENT OF HEALTH PLAN APPROVAL IS LIMITED TO FIVE YEARS. TIME EXTENSIONS FOR PLAN APPROVAL MAY BE GRANTED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH 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.
- NO LOT IS TO BE FURTHER SUBDIVIDED WITHOUT ORANGE COUNTY DEPARTMENT OF HEALTH 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. 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).
- THERE ARE NO N.Y.S.D.E.C. WETLANDS ON THE PARCEL. FEDERAL WETLANDS HAVE BEEN DELINEATED AND MAPPED IN ACCORDANCE WITH A.C.O.E. REGULATIONS.
- THIS PROJECT DOES NOT FALL INTO A PUBLIC WATER SUPPLY WATER SHED.
- FOR EACH RESIDENCE, PRIOR TO ISSUING A CERTIFICATE OF OCCUPANCY, THE SEPTIC SYSTEM SHALL BE INSPECTED AND A MAP SHALL BE PREPARED BY A LICENSED DESIGN PROFESSIONAL FOR SUBMISSION TO THE CODE ENFORCEMENT OFFICER.
- THE CLEARING LIMIT AREAS SHALL BE CLEARLY MARKED IN THE FIELD WITH PROTECTIVE FENCING BEFORE COMMENCEMENT OF ANY SITE WORK. THE AREAS SO MARKED SHALL PROVIDE SUFFICIENT AREA TO PROTECT THE ROOT SYSTEMS OF THE TREES TO BE PROTECTED. IF THESE LIMITS ARE VIOLATED, THE DEVELOPER OR LOT OWNER SHALL BE REQUIRED TO PROVIDE ADDITIONAL OR REPLACEMENT LANDSCAPING OF EQUIVALENT BASAL AREA.

BULK REQUIREMENTS
 ZONE R-2 (RESIDENTIAL DISTRICT)
 USE GROUP-ONE FAMILY DETACHED DWELLINGS
 (WITHOUT PUBLIC SEWER)

	MIN. REQUIRED	PROVIDED
LOT AREA (SF)	17,500	>17,500
LOT WIDTH (FT.)	100	>100
LOT DEPTH (FT.)	125	>125
FRONT SETBACK (FT.)*	40	>40
REAR SETBACK (FT.)	40	>40
SIDE SETBACK (FT.)	15	>15
TOTAL SIDE SETBACK (FT.)	30	>30
MAX. PERMITTED		
BLDG. COVERAGE (%)	15	<15
LOT COVERAGE (%)	30	<30
BLDG. HEIGHT (FT.)	35	<35
* FRONT YARD SET BACK ALONG FOSTER TOWN ROAD	60	<60

AREA=590,807± sq. ft.
=13.56± acres

ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTES:

- NO SITE PREPARATION OR CONSTRUCTION SHALL COMMENCE UNTIL A VALID PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW
- NO PLANTING SHALL HAVE THE DRIP EDGE PROJECT WITHIN THE COUNTY R.O.W.
- NO SIGNS SHALL BE PLACED OR PROJECT INTO THE COUNTY R.O.W.

DATE	DESCRIPTION	INITIALS
02/11/21	UPDATE POND DESIGN	CJP
12/5/08	AS PER 12/4/08 PLANNING BOARD MEETING	TBE
11/26/08	AS PER 11/25/08 WORKSHOP MEETING	KW
11/14/08	AS PER TOWN ENGINEER COMMENTS	TBE
6/23/08	AS PER OCHD COMMENTS DATED 5/8/08	TBE
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9/4/07	GENERAL REVISIONS	MGF
9/12/05	AS PER 07/6/05 DRAINAGE COMMENTS	TBE
5/20/05	AS PER 08/29/04 CONSULTANT LETTERS	TBE
9/28/04	AS PER 08/04 CONSULTANT LETTERS	TBE
7/20/04	AS PER 03/04 CONSULTANT LETTERS	TBE
4/1/04	ORIGINAL PREPARATION DATE	JS

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

PIETRZAK & PFAU
 ENGINEERING & SURVEYING, PLLC

282 GREENWICH AVENUE, SUITE A
 GOSHEN, NEW YORK 10924
 (914) 281-0888

2 HAMILTON AVENUE
 MONTICELLO, NEW YORK 12701
 (914) 786-4846

LANDS OF ZAZON
 TOWN OF NEWBURGH
 COUNTY OF ORANGE, NEW YORK

PROJECT TITLE
SUBDIVISION COVER SHEET

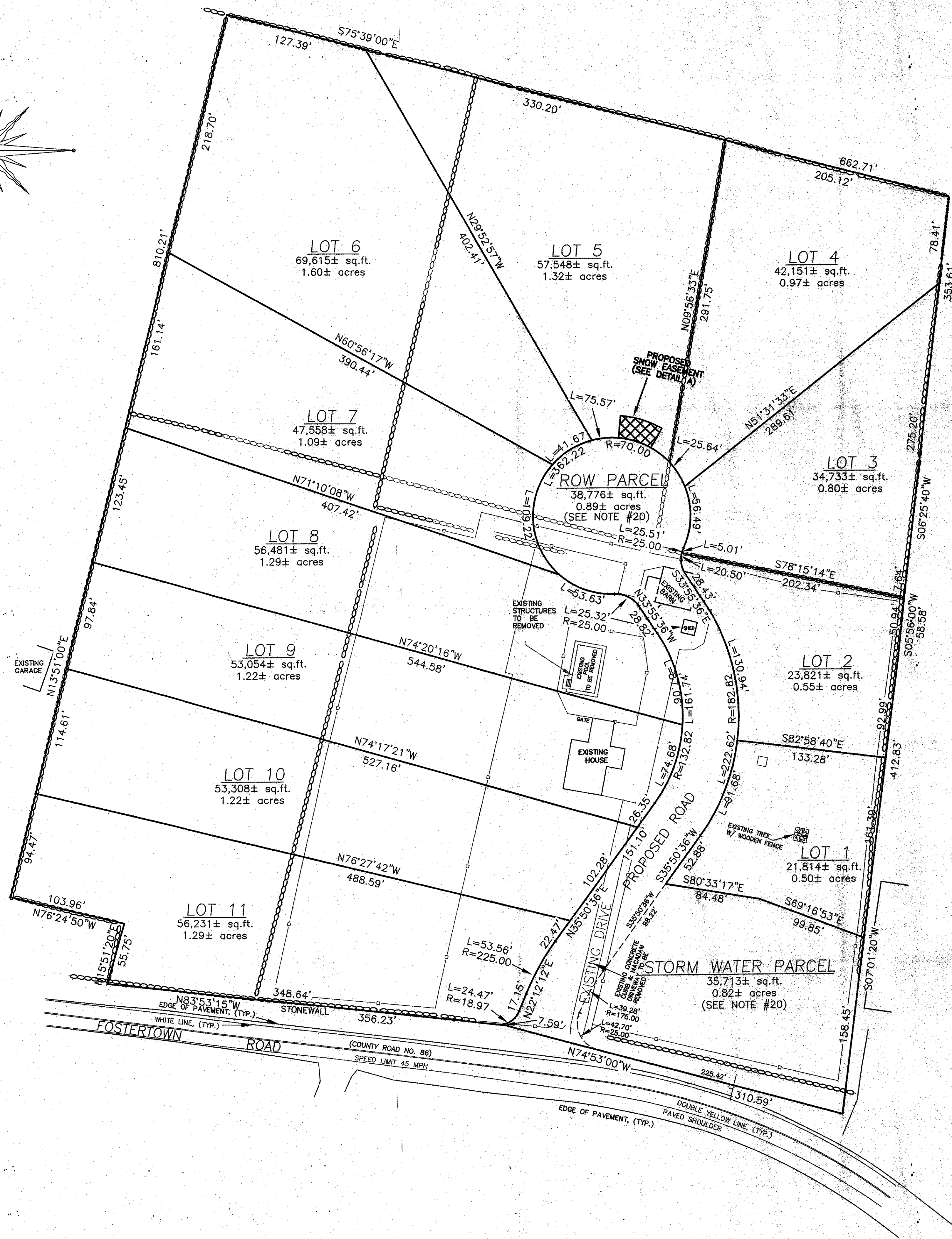
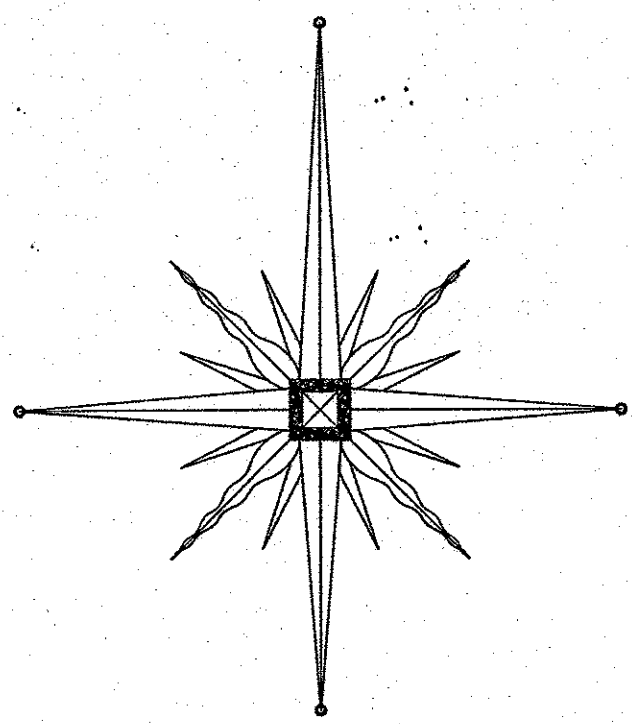
DRAWING TITLE SECTION 20 BLOCK 1 LOT 24

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O.C.H.D. SHEET NO.	D.E.C. SHEET NO.	DRAWING NUMBER
1 OF 8	1 OF 8	1 OF 11

SCALE 1"=50'

CAD REFERENCE 23153C0V PROJECT NUMBER 23153.01

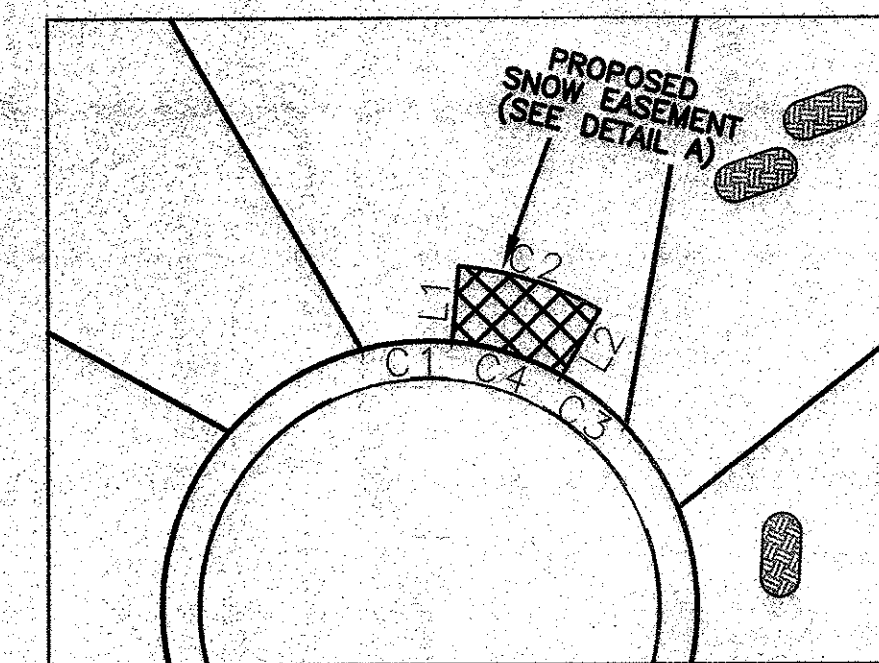


LEGEND

- EXISTING LOT LINE
- - - PROPOSED LOT LINE
- EXISTING PAVEMENT
- SURVEY PIN
- MONUMENT
- EXISTING STONE WALL
- WOOD FENCE

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19. ALL UTILITIES TO BE UNDER GROUND.
20. THE ROW PARCEL AND STORMWATER PARCEL ARE TO BE OFFERED FOR DEDICATION TO THE TOWN OF NEWBURGH AS ONE LOT. THE DIVISION LINE SHOWN HAS BEEN ADDED AT THE REQUEST OF THE TOWN OF NEWBURGH, BUT IS NOT TO BE INTENDED AS A PROPERTY LINE.



SNOW STORAGE EASEMENT

LINE TABLE		
LINE	LENGTH	BEARING
L1	20.00	N05°02'04"E
L2	20.00	S29°46'54"W

CURVE TABLE		
CURVE	LENGTH	RADIUS
C1	23.92	70.00
C2	38.87	90.00
C3	21.41	70.00
C4	30.24	70.00

ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTES:

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2. NO PLANTING SHALL HAVE THE DRIP EDGE PROJECT WITHIN THE COUNTY R.O.W.
3. NO SIGNS SHALL BE PLACED OR PROJECT INTO THE COUNTY R.O.W.

RECORD OWNER/APPLICANT

JOSEPH ZAZON,
S&E CONSTRUCTION
5 SUHL LANE
MONSEY, NY 10952

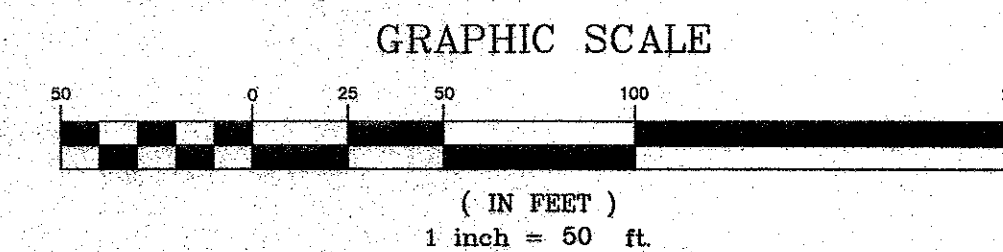
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FOR HEALTH DEPARTMENT APPROVAL

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I HEREBY CERTIFY THAT THIS MAP HAS BEEN PREPARED FROM AN ACTUAL FIELD SURVEY COMPLETED ON FEBRUARY 12, 2003.

DATE	DESCRIPTION	INITIALS
02/11/21	UPDATE POND DESIGN	CJP
12/25/08	AS PER 12/4/08 PLANNING BOARD MEETING	TBE
11/26/08	AS PER 11/25/08 WORKSHOP MEETING	KW
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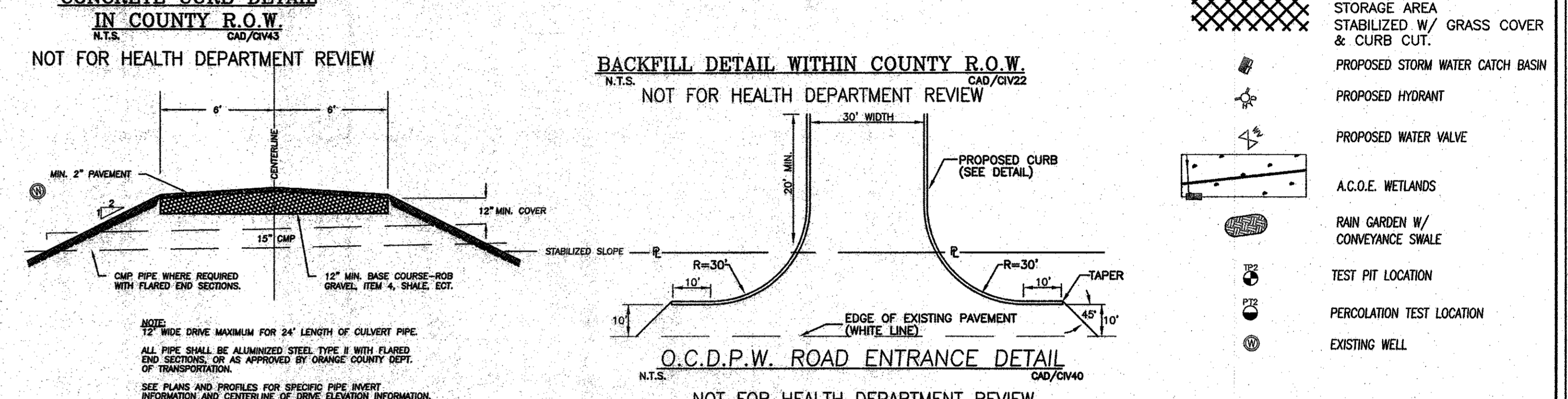
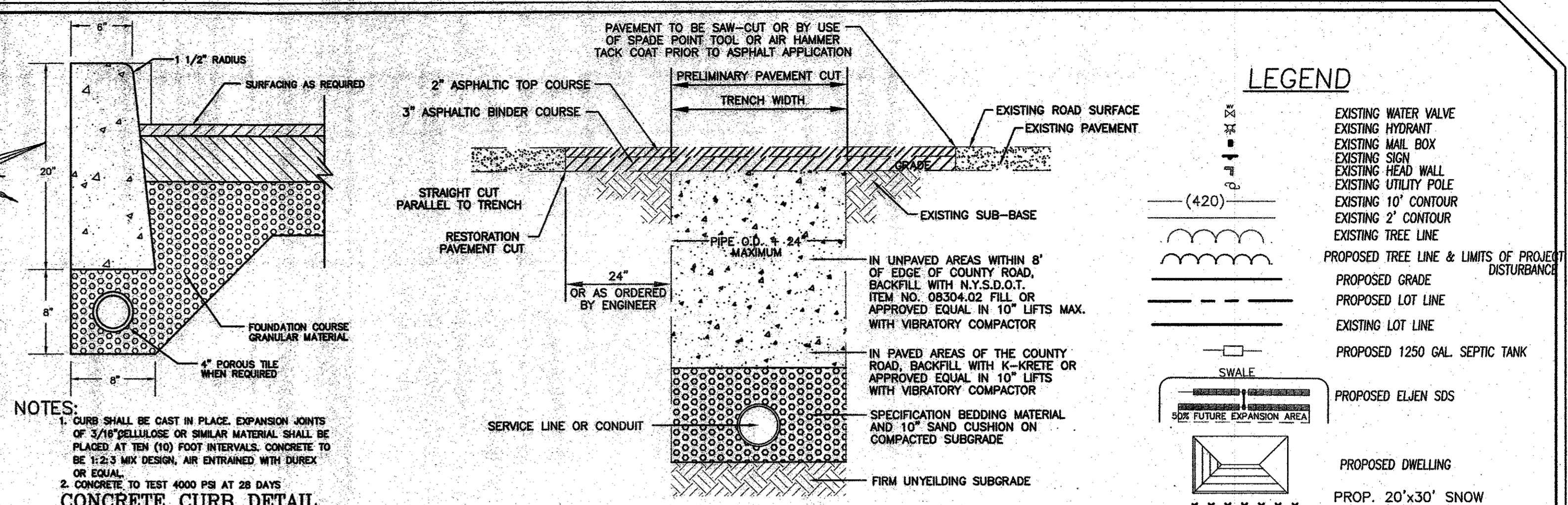


LANDS OF ZAZON
TOWN OF NEWBURGH
COUNTY OF ORANGE, NEW YORK

SUBDIVISION SURVEY SHEET

DRAWING TITLE SECTION 20 BLOCK 1 LOT 24

O.C.H.D. SHEET NO	D.E.C. SHEET NO	DRAWING NUMBER
2 OF 8	2 OF 2	2 OF 11
SCALE 1"=50'	CAD REFERENCE 23153COV	PROJECT NUMBER 23153.01



LEGEND	
[Symbol]	EXISTING WATER VALVE
[Symbol]	EXISTING HYDRANT
[Symbol]	EXISTING MAIL BOX
[Symbol]	EXISTING SIGN
[Symbol]	EXISTING HEAD WALL
[Symbol]	EXISTING UTILITY POLE
[Symbol]	EXISTING 10' CONTOUR
[Symbol]	EXISTING 2' CONTOUR
[Symbol]	EXISTING TREE LINE
[Symbol]	PROPOSED TREE LINE & LIMITS OF PROJECT DISTURBANCE
[Symbol]	PROPOSED GRADE
[Symbol]	PROPOSED LOT LINE
[Symbol]	EXISTING LOT LINE
[Symbol]	PROPOSED 1250 GAL. SEPTIC TANK
[Symbol]	PROPOSED ELJEN SDS
[Symbol]	PROPOSED DWELLING
[Symbol]	PROP. 20'x30' SNOW STORAGE AREA
[Symbol]	STABILIZED W/ GRASS COVER & CURB CUT.
[Symbol]	PROPOSED STORM WATER CATCH BASIN
[Symbol]	PROPOSED HYDRANT
[Symbol]	PROPOSED WATER VALVE
[Symbol]	A.C.O.E. WETLANDS
[Symbol]	RAIN GARDEN W/ CONVEYANCE SWALE
[Symbol]	TEST PIT LOCATION
[Symbol]	PERCOLATION TEST LOCATION
[Symbol]	EXISTING WELL

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PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC

282 GREENWICH AVENUE, SUITE A GOSHEN, NEW YORK 10924 (609) 284-0000

2 HAMILTON AVENUE MONTICELLO, NEW YORK 12761 (609) 788-4646

LANDS OF ZAZON
TOWN OF NEWBURGH
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE

GRADING SHEET

DRAWING TITLE SECTION 20 BLOCK 1 LOT 24

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 2209, SUBDIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

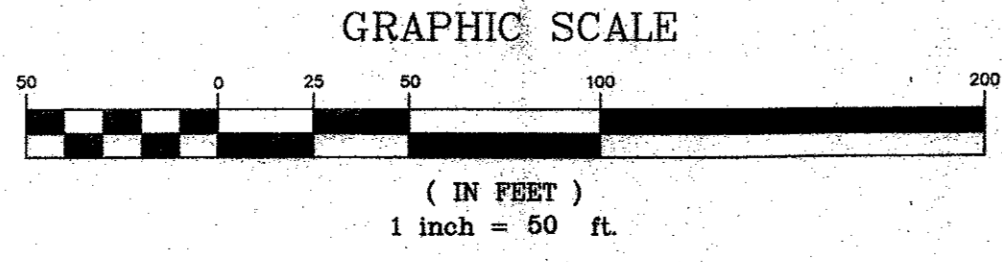
O.C.H.D. SHEET NO.	D.E.C. SHEET NO.	DRAWING NUMBER
9 OF 9	9 OF 11	9 OF 11

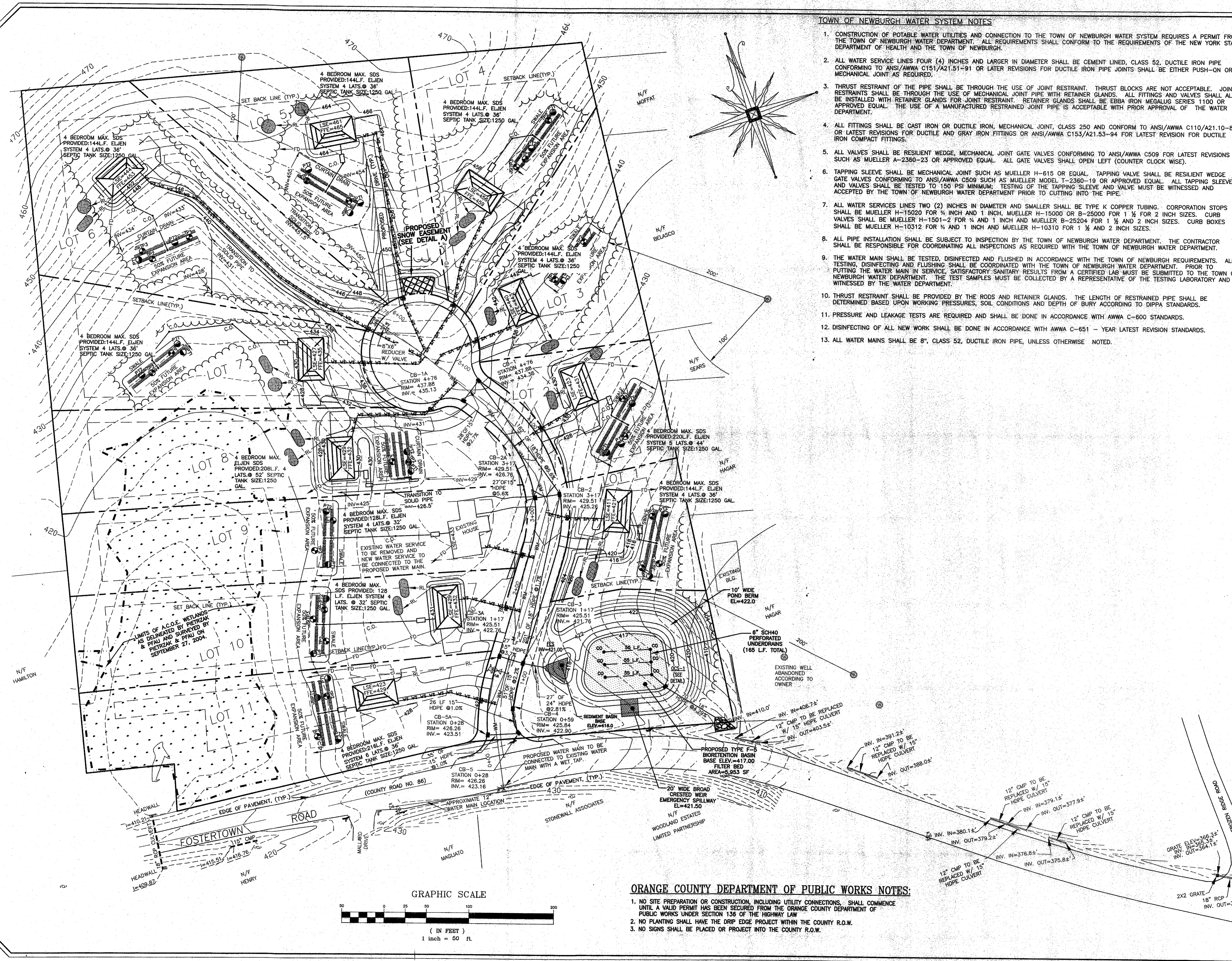
SCALE 1"=50'

CAD REFERENCE 23153C0V PROJECT NUMBER 23153.01

ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTES:

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- NO PLANTING SHALL HAVE THE DRIP EDGE PROJECT WITHIN THE COUNTY R.O.W.
- NO SIGNS SHALL BE PLACED OR PROJECT INTO THE COUNTY R.O.W.





TOWN OF NEWBURGH WATER SYSTEM NOTES

- CONSTRUCTION OF POTABLE WATER UTILITIES AND CONNECTION TO THE TOWN OF NEWBURGH WATER SYSTEM REQUIRES A PERMIT FROM THE TOWN OF NEWBURGH WATER DEPARTMENT. ALL REQUIREMENTS SHALL CONFORM TO THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF HEALTH AND THE TOWN OF NEWBURGH.
- ALL WATER SERVICE LINES FOUR (4) INCHES AND LARGER IN DIAMETER SHALL BE CEMENT LINED, CLASS 52, DUCTILE IRON PIPE CONFORMING TO ANSI/AWWA C151/A21.51-91 OR LATER REVISIONS FOR DUCTILE IRON PIPE JOINTS SHALL BE EITHER PUSH-ON OR MECHANICAL JOINT AS REQUIRED.
- THRUST RESTRAINT OF THE PIPE SHALL BE THROUGH THE USE OF JOINT RESTRAINT. THRUST BLOCKS ARE NOT ACCEPTABLE. JOINT RESTRAINTS SHALL BE THROUGH THE USE OF MECHANICAL JOINT PIPE WITH RETAINER GLANDS. ALL FITTINGS AND VALVES SHALL ALSO BE INSTALLED WITH RETAINER GLANDS FOR JOINT RESTRAINT. RETAINER GLANDS SHALL BE EBBA IRON MEGALUG SERIES 1100 OR APPROVED EQUAL. THE USE OF A MANUFACTURED RESTRAINED JOINT PIPE IS ACCEPTABLE WITH PRIOR APPROVAL OF THE WATER DEPARTMENT.
- ALL FITTINGS SHALL BE CAST IRON OR DUCTILE IRON, MECHANICAL JOINT, CLASS 250 AND CONFORM TO ANSI/AWWA C110/A21.10-87 OR LATEST REVISIONS FOR DUCTILE AND GRAY IRON FITTINGS OR ANSI/AWWA C153/A21.53-94 FOR LATEST REVISION FOR DUCTILE IRON COMPACT FITTINGS.
- ALL VALVES SHALL BE RESILIENT WEDGE, MECHANICAL JOINT GATE VALVES CONFORMING TO ANSI/AWWA C509 FOR LATEST REVISIONS SUCH AS MUELLER A-2360-23 OR APPROVED EQUAL. ALL GATE VALVES SHALL OPEN LEFT (COUNTER CLOCK WISE).
- TAPPING VALVE SHALL BE MECHANICAL JOINT SUCH AS MUELLER H-615 OR EQUAL. TAPPING VALVE SHALL BE RESILIENT WEDGE GATE VALVE CONFORMING TO ANSI/AWWA C509 SUCH AS MUELLER MODEL T-2360-19 OR APPROVED EQUAL. ALL TAPPING SLEEVES AND VALVES SHALL BE TESTED TO 150 PSI MINIMUM. TESTING OF THE TAPPING SLEEVE AND VALVE MUST BE WITNESSED AND ACCEPTED BY THE TOWN OF NEWBURGH WATER DEPARTMENT PRIOR TO CUTTING INTO THE PIPE.
- ALL WATER SERVICES LINES TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING. CORPORATION STOPS SHALL BE MUELLER H-15020 FOR 1/2 INCH AND 1 INCH, MUELLER H-15000 OR B-25000 FOR 1 1/2 FOR 2 INCH SIZES. CURB VALVES SHALL BE MUELLER H-1501-2 FOR 1/2 AND 1 INCH AND MUELLER B-25204 FOR 1 1/2 AND 2 INCH SIZES. CURB BOXES SHALL BE MUELLER H-10312 FOR 1/2 AND 1 INCH AND MUELLER H-10310 FOR 1 1/2 AND 2 INCH SIZES.
- ALL PIPE INSTALLATION SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF NEWBURGH WATER DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INSPECTIONS AS REQUIRED WITH THE TOWN OF NEWBURGH WATER DEPARTMENT.
- THE WATER MAIN SHALL BE TESTED, DISINFECTED AND FLUSHED IN ACCORDANCE WITH THE TOWN OF NEWBURGH REQUIREMENTS. ALL TESTING, DISINFECTING AND FLUSHING SHALL BE COORDINATED WITH THE TOWN OF NEWBURGH WATER DEPARTMENT. PRIOR TO PUTTING THE WATER MAIN IN SERVICE, SATISFACTORY SANITARY RESULTS FROM A CERTIFIED LAB MUST BE SUBMITTED TO THE TOWN OF NEWBURGH WATER DEPARTMENT. THE TEST SAMPLES MUST BE COLLECTED BY A REPRESENTATIVE OF THE TESTING LABORATORY AND WITNESSED BY THE WATER DEPARTMENT.
- THRUST RESTRAINT SHALL BE PROVIDED BY THE RODS AND RETAINER GLANDS. THE LENGTH OF RESTRAINED PIPE SHALL BE DETERMINED BASED UPON WORKING PRESSURES, SOIL CONDITIONS AND DEPTH OF BURY ACCORDING TO DIPPA STANDARDS.
- PRESSURE AND LEAKAGE TESTS ARE REQUIRED AND SHALL BE DONE IN ACCORDANCE WITH AWWA C-600 STANDARDS.
- DISINFECTING OF ALL NEW WORK SHALL BE DONE IN ACCORDANCE WITH AWWA C-651 - YEAR LATEST REVISION STANDARDS.
- ALL WATER MAINS SHALL BE 8", CLASS 52, DUCTILE IRON PIPE, UNLESS OTHERWISE NOTED.

LEGEND

- EXISTING WATER VALVE
- EXISTING HYDRANT
- EXISTING MAIL BOX
- EXISTING HEAD WALL
- EXISTING UTILITY POLE
- EXISTING PROPERTY LINE
- PROPOSED LOT LINE
- PROPOSED 1250 GAL SEPTIC TANK
- PROPOSED ELJEN SDS
- PROPOSED SDS CLEAN OUT
- PROPOSED DWELLING
- PROP. 20'x30' SNOW STORAGE AREA
- STABILIZED W/ GRASS COVER & CURB CUT.
- PERCOLATION TEST LOCATION
- TEST PIT LOCATION
- PROPOSED STORM WATER CATCH BASIN
- PROPOSED CURBED STOP
- PROPOSED WATER MAIN
- PROPOSED WATER SERVICE
- PROPOSED HYDRANT
- PROPOSED WATER VALVE
- A.C.O.E. WETLANDS
- RAIN GARDEN W/ CONVEYANCE SWALE
- PROPOSED FOOTING DRAIN W/ RODENT SCREEN
- PROPOSED ROOF LEADER W/ RODENT SCREEN
- EXISTING WELL

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. - OF - .

DATE	DESCRIPTION	INITIALS
02/11/21	UPDATE POND DESIGN	CJP
12/5/08	AS PER 12/4/08 PLANNING BOARD MEETING	TBE
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9/4/07	GENERAL REVISIONS	MGF
9/12/05	AS PER 07/6/05 DRAINAGE COMMENTS	TBE
5/20/05	AS PER 09/29/04 CONSULTANT LETTERS	TBE
9/28/04	AS PER 08/04 CONSULTANT LETTERS	TBE
7/20/04	AS PER 03/04 CONSULTANT LETTERS	TBE
4/1/04	ORIGINAL PREPARATION DATE	JS

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

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LICENSE NO. 00075
S.P.E.S. LICENSE NO. 00075
S.P.E.S. LICENSE NO. 00396

SIGNATURE: _____ DATE: 2/11/21

LANDS OF ZAZON
TOWN OF NEWBURGH
COUNTY OF ORANGE, NEW YORK
PROJECT TITLE: _____

UTILITY SHEET

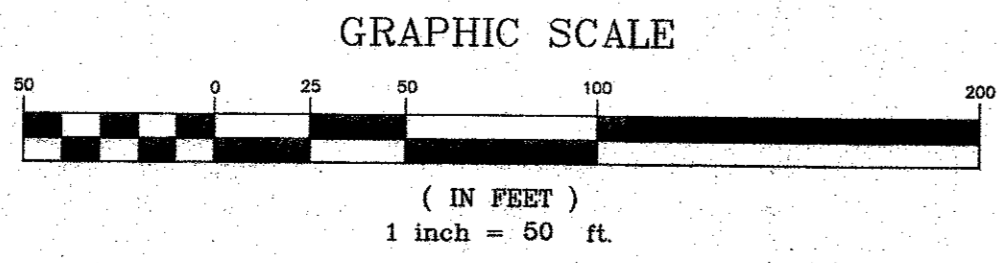
DRAWING TITLE: SECTION 20 BLOCK 1 LOT 24
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BECOMING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUBSECTION 2 OF THE N.Y. STATE EDUCATION LAW.

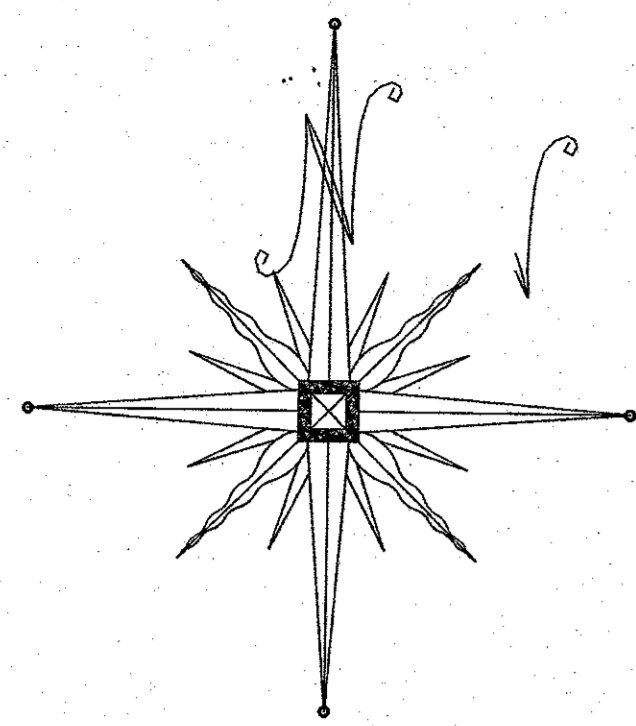
O.C.H.D. SHEET NO. 4 OF 6 | D.E.C. SHEET NO. 4 OF 11 | DRAWING NUMBER 23153C0V | PROJECT NUMBER 23153.01

SCALE: 1"=50'

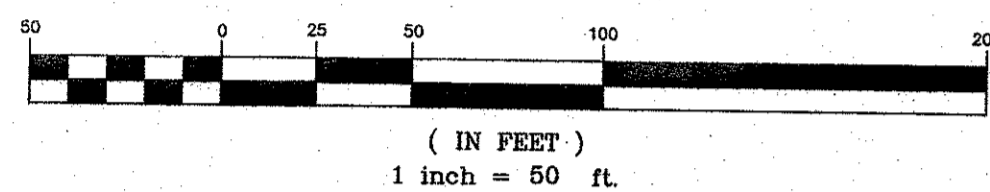
ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTES:

- NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.
- NO PLANTING SHALL HAVE THE DRIP EDGE PROJECT WITHIN THE COUNTY R.O.W.
- NO SIGNS SHALL BE PLACED OR PROJECT INTO THE COUNTY R.O.W.





GRAPHIC SCALE



TREES TO BE REMOVED	POINT NUMBER*	TREE DESCRIPTION
TO BE REMOVED	2006	28" DBH SUGAR MAPLE
TO BE REMOVED	2007	26" DBH SUGAR MAPLE
TO BE REMOVED	2008	40" DBH NORWAY SPRUCE
TO BE REMOVED	2009	30" DBH SUGAR MAPLE
TO BE REMOVED	2010	42" DBH SUGAR MAPLE
TO BE REMOVED	2011	44" DBH WHITE PINE
TO BE REMOVED	2012*	TWIN 30" DBH MAPLES
TO BE REMOVED	2013	26" DBH NORWAY SPRUCE
TO BE REMOVED	2014	36" DBH SUGAR MAPLE
TO BE REMOVED	2015	50" DBH WHITE OAK
TO BE REMOVED	2016	24" DBH SUGAR MAPLE
TO BE REMOVED	2017	18" DBH SUGAR MAPLE
TO BE REMOVED	2018	14" DBH SUGAR MAPLE
TO BE REMOVED	2019	14" DBH BLACK OAK
TO BE REMOVED	2020*	TWIN 24" DBH BASSWOOD
TO BE REMOVED	2021	17" DBH BLACK CHERRY
TO BE REMOVED	2022*	12", 14", AND 15" DBH SUGAR MAPLE
TO BE REMOVED	2023	17" DBH SUGAR MAPLE
TO BE REMOVED	2024	19" DBH SUGAR MAPLE
TO BE REMOVED	2025*	12", 15", AND 16" DBH SUGAR MAPLE
TO BE REMOVED	2026*	TWIN 17" DBH SUGAR MAPLES
TO BE REMOVED	2027*	17" AND 19" DBH SUGAR MAPLES
TO BE REMOVED	2028*	(8) 16-20" DBH SUGAR MAPLES
TO BE REMOVED	2029	18" DBH BLACK WALNUT
TO BE REMOVED	2030*	17" AND 19" DBH BLACK WALNUT
TO BE REMOVED	2031	20" DBH BLACK WALNUT
TO BE REMOVED	2032*	16" AND 17" DBH BLACK CHERRY & 19" DBH BLACK WALNUT
	2033	18" DBH RED OAK
	2034	20" DBH RED OAK
TO BE REMOVED	2035	15" DBH RED OAK
	2036	15" DBH BLACK OAK
TO BE REMOVED	2037	18" DBH TULIP POPLAR
	2038*	15" AND 17" DBH RED OAK
TO BE REMOVED	2039*	18" AND 20" DBH RED OAK
TO BE REMOVED	2040	16" DBH BLACK OAK
TO BE REMOVED	2041	16" DBH RED OAK
TO BE REMOVED	2042	19" DBH RED OAK
	2043*	(3) 16" DBH BLACK OAK
TO BE REMOVED	2044	17" DBH RED OAK
TO BE REMOVED	2045	17" DBH BLACK WALNUT
TO BE REMOVED	2046*	(2) 17" DBH SUGAR MAPLES
TO BE REMOVED	2047	24" DBH SUGAR MAPLE
	2048	18" DBH BLACK OAK
	2049*	18" AND 23" DBH BLACK OAKS
	2050*	(5) BLACK OAK 14-24" DBH
	2051	(4) BLACK OAK 14-20" DBH
TO BE REMOVED	2052	18" DBH BLACK WALNUT

* DENOTES TREE CLUSTER

LEGEND

- EXISTING WATER VALVE
- EXISTING HYDRANT
- EXISTING MAIL BOX
- EXISTING SIGN
- EXISTING HEAD WALL
- EXISTING UTILITY POLE
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- PROPOSED GRADE
- PROPOSED LOT LINE
- EXISTING PROPERTY LINE
- PROPOSED 1250 GAL SEPTIC TANK
- PROPOSED SDS
- 50% EXPANSION
- PROPOSED DWELLING
- PROP. 20'x30' SNOW STORAGE AREA
- STABILIZED W/ GRASS COVER & CURB CUT
- PROPOSED STORM WATER CATCH BASIN
- PROPOSED HYDRANT
- PROPOSED WATER VALVE
- A.C.O.E. WETLANDS
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED

TREE PROTECTION NOTES:

1. SURVEY AND MARK THE CLEARING LIMIT LINE.
2. INSTALL ORANGE SAFETY FENCING ALONG THE CLEARING LINE.
3. WHEREVER INDIVIDUAL SPECIMEN TREES SHALL BE PRESERVED, INSTALL SAFETY FENCING ALONG OR OUTSIDE OF THE DRIP LINE OF THE TREE CANOPY.
4. THERE SHALL BE NO STORAGE OF EQUIPMENT OR MATERIALS INSIDE CLEARING LIMITS.
5. NO EQUIPMENT IS PERMITTED WITHIN CLEARING LIMITS.
6. THE FENCING SHOULD REMAIN IN GOOD CONDITION FOR THE DURATION OF THE CONSTRUCTION PERIOD.
7. ANY TREES CLEARED WITHOUT AUTHORIZATION WITHIN PROTECTED AREAS SHALL BE REPLACED WITH A TREE EQUAL TO THE BASEL AREA OF THE TREE PREVIOUSLY REMOVED.
8. IF IT IS NECESSARY TO CLEAR OR REMOVE TREES WITHIN THE PROTECTED AREAS, WRITTEN PERMISSION FROM THE TOWN OF NEWBURGH MUST BE RECEIVED PRIOR TO THE REMOVAL.

ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTES:

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4/1/04	ORIGINAL PREPARATION DATE	JS

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

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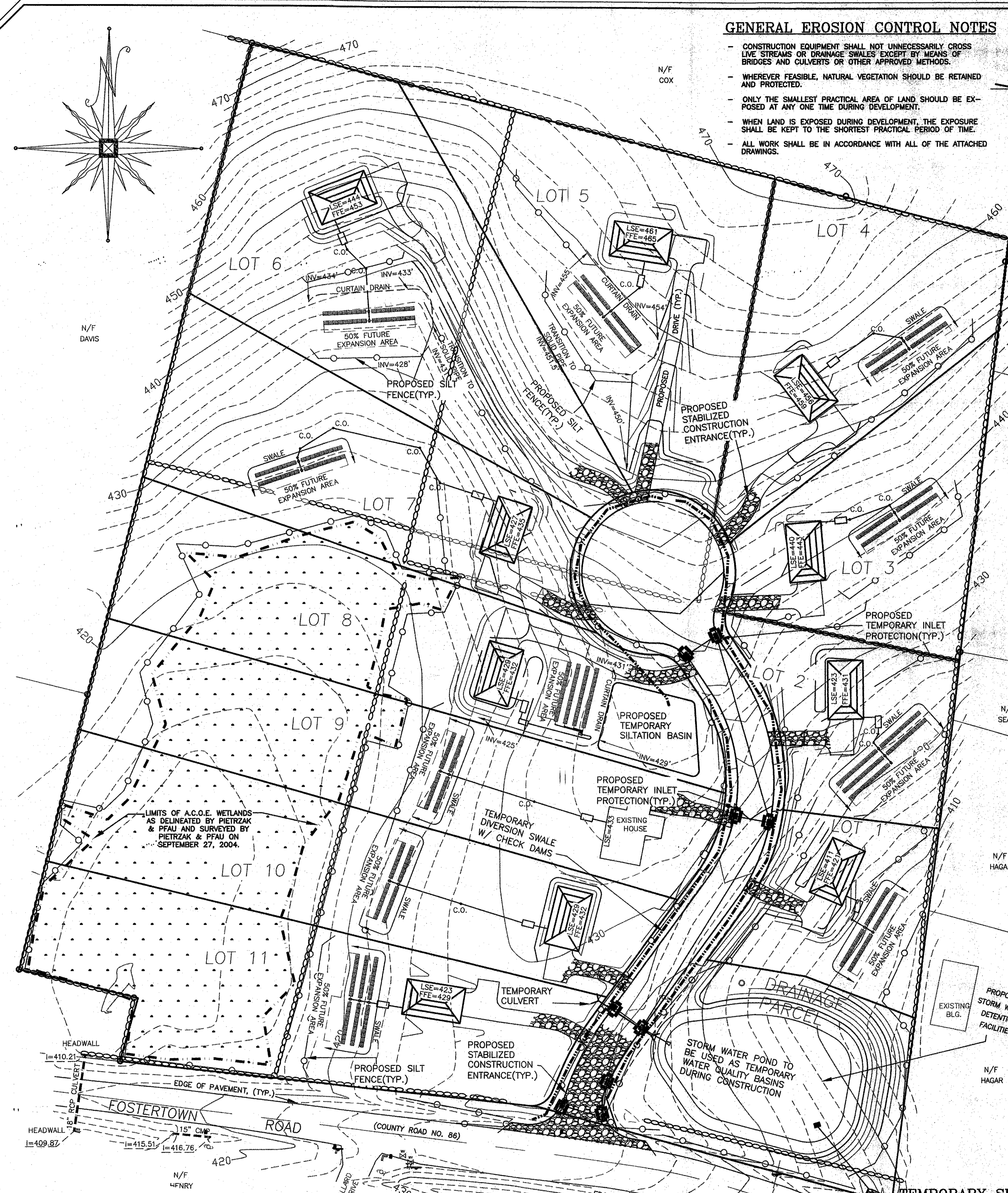
LANDS OF ZAZON
TOWN OF NEWBURGH
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE
TREE LOCATION SHEET

DRAWING TITLE SECTION 20 BLOCK 1 LOT 24

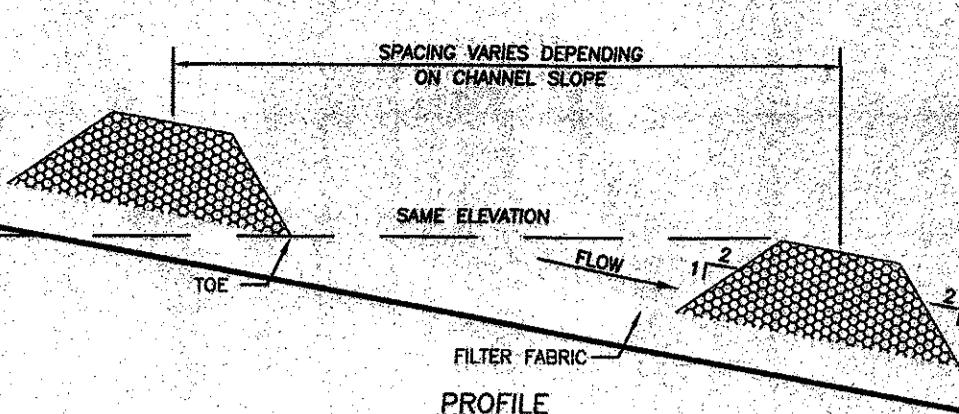
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7205, SUBSECTION 2 OF THE N.Y. STATE EDUCATION LAW.

O.C.H.D. SHEET NO. 6 OF 11
D.E.C. SHEET NO. 5 OF 11
SCALE 1"=50'
CAD REFERENCE 23153C0V
PROJECT NUMBER 23153.01



GENERAL EROSION CONTROL NOTES

- CONSTRUCTION EQUIPMENT SHALL NOT UNNECESSARILY CROSS LIVE STREAMS OR DRAINAGE SWALES EXCEPT BY MEANS OF BRIDGES AND CULVERTS OR OTHER APPROVED METHODS.
- 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.



PERMANENT SEEDING MIXTURES

NOTE: PRIOR TO PLACING SEEDING MIXTURE, AS OUTLINED BELOW, THE CONTRACTOR SHALL VERIFY A MINIMUM OF 6" OF TOPSOIL EXISTS.

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

GENERAL RECREATION AREAS AND LAWNS

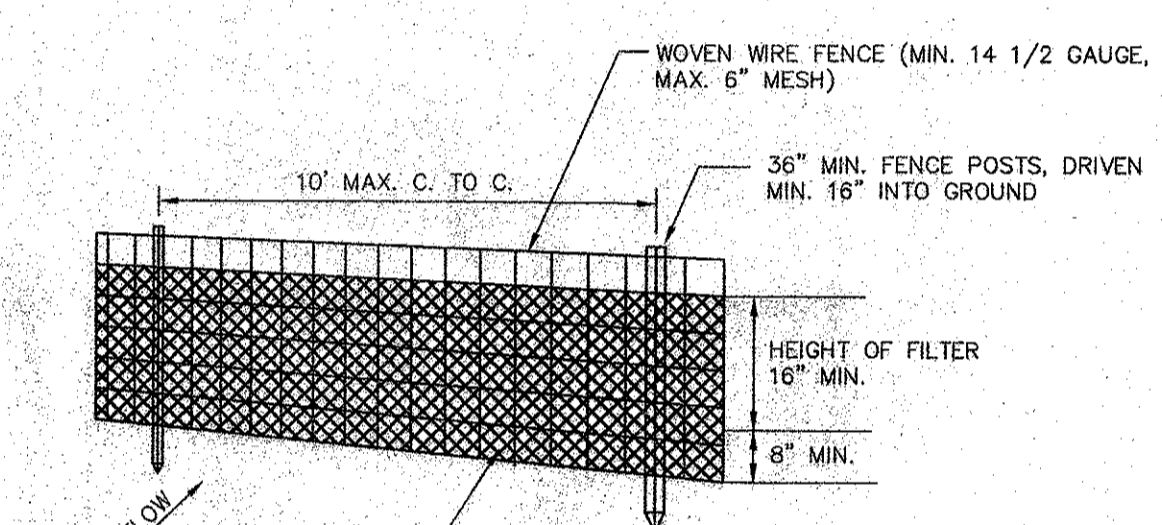
SPECIES	APPLICATION RATE
SUNNY SITES (WELL, MODERATELY WELL AND SOMEWHAT POORLY DRAINED SOILS)	
65% KENTUCKY BLUEGRASS BLEND	85-114 LBS./ACRE
15% PERENNIAL RYEGRASS	26-35 LBS./ACRE
15% FINE FESCUE	19-26 LBS./ACRE
SUNNY DROUGHTY SITES (SOMEWHAT EXCESSIVELY TO EXCESSIVELY DRAINED SOILS)	
65% FINE FESCUE	114-143 LBS./ACRE
15% PERENNIAL RYEGRASS	26-33 LBS./ACRE
20% KENTUCKY BLUEGRASS BLEND	35-44 LBS./ACRE

SHADY DRY SITES (WELL TO SOMEWHAT POORLY DRAINED SOILS)

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

SHADY WET SITES (SOMEWHAT POOR TO POORLY DRAINED SOILS)

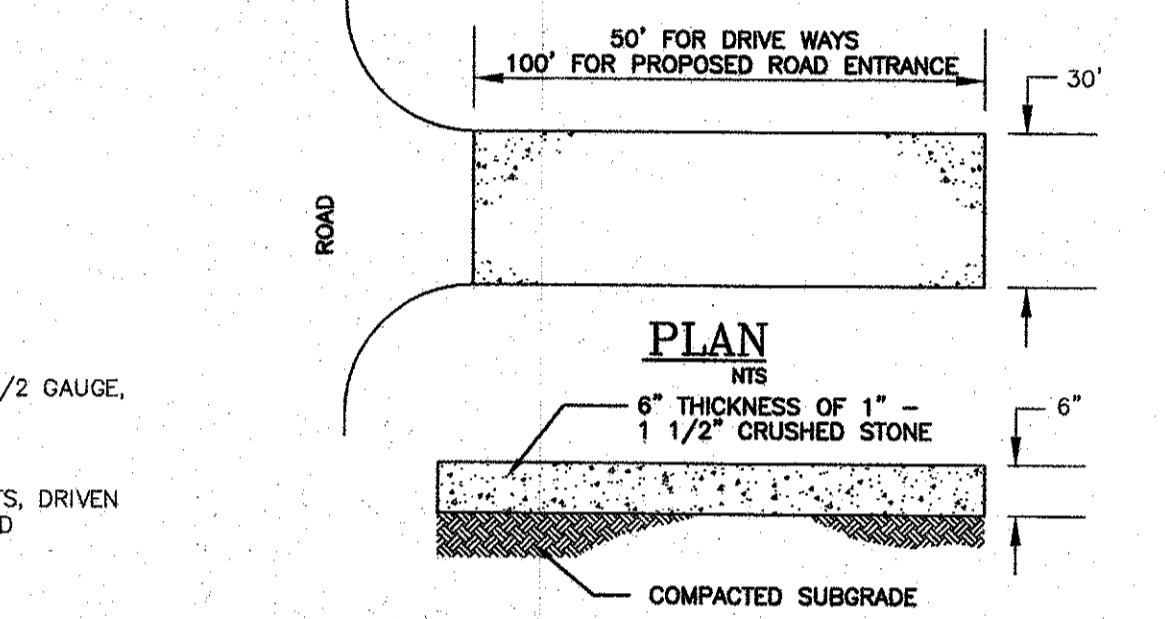
70% ROUGH BLUEGRASS	60-91 LBS./ACRE
80% SHADE TOLERANT KENTUCKY BLUEGRASS BLEND	25-39 LBS./ACRE



CURB DROP INLET PROTECTION

- FILTER FABRIC SHALL HAVE AN EOS OF 40-85.
- WOODEN FRAME SHALL BE CONSTRUCTED OF 2" X 4" CONSTRUCTION GRADE LUMBER.
- WIRE MESH ACROSS THROAT SHALL BE A CONTINUOUS PIECE 30 INCH MINIMUM WIDTH WITH A LENGTH 4 FEET LONGER THAN THE THROAT. IT SHALL BE SHAPED AND SECURELY NAILED TO A 2" X 4" WEIR.
- THE WEIR SHALL BE SECURELY NAILED TO 2" X 4" SPACERS 9 INCHES LONG SPACED NO MORE THAN 6 FEET APART.
- THE ASSEMBLY SHALL BE PLACED AGAINST THE INLET AND SECURED BY 2" X 4" ANCHORS 2 FEET LONG EXTENDING ACROSS THE TOP OF THE INLET AND HELD IN PLACE BY SANDBAGS OR ALTERNATE WEIGHTS.

MAXIMUM DRAINAGE AREA 1 ACRE



NOTES:

- ENTRANCE SHALL BE MAINTAINED AS CONDITIONS DEMAND TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC R.O.W.
- A CRUSHED STONE, VEHICLE WHEEL-CLEANING BLANKET WILL BE INSTALLED WHERE A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PAVED ROADWAY. THE BLANKET SHALL BE COMPOSED OF 6" DEPTH OF 1"-1 1/2" CRUSHED STONE, SHALL BE AT LEAST 30' X 50' AND SHALL BE PLACED ON COMPACTED SUB-GRADE.

STABILIZED CONSTRUCTION ENTRANCE

DATE	DESCRIPTION	INITIALS
02/11/21	UPDATE POND DESIGN	C/P
12/25/08	AS PER 12/4/08 PLANNING BOARD MEETING	TBE
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LANDS OF ZAZON
TOWN OF NEWBURGH
COUNTY OF ORANGE, NEW YORK
PROJECT TITLE: EROSION CONTROL SHEET

DRAWING TITLE	SECTION	BLOCK	LOT	SHEET
EROSION CONTROL SHEET	20	1	1	24

CONSTRUCTION SPECIFICATIONS:

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

CHECK DAM DETAIL

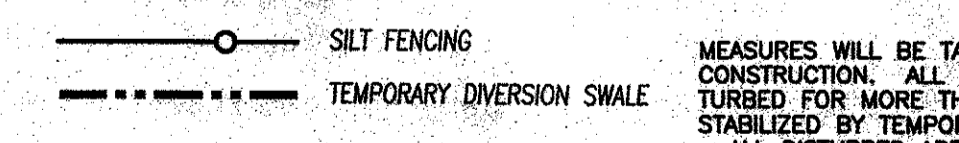
EROSION CONTROL MAINTENANCE REQUIREMENTS

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

STREAMS, DRAINAGE SWALES AND EMBANKMENTS

- FILTER FABRIC IS TO BE MIRAFIL 140 AS MANUFACTURED BY THE CELANESE CORPORATION OR APPROVED EQUAL.
- EROSION MATTING IS TO BE ENKAMAT TYPE 7010 AS MANUFACTURED BY THE AMERICAN ENKA COMPANY OR EQUAL.
- STABILIZATION FABRIC IS TO BE G.T.F. 150 EXON GEOTEXTILE FABRIC AS MANUFACTURED BY THE EXON CHEMICAL COMPANY OR EQUAL.
- 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 UPSTREAM CONSTRUCTION ACTIVITY.
- CONSTRUCTION OF TEMPORARY EROSION CONTROL STRUCTURES ARE TO BEGIN WITH THE FARTHEST DOWNSTREAM (THE SILT FENCE) AND THENCE PROCEEDING UPSTREAM.
- AFTER CONSTRUCTION, OR AS DIRECTED BY THE ENGINEER, THE TEMPORARY EROSION CONTROL STRUCTURES ARE TO BE REMOVED IN REVERSE ORDER WITH THE MOST UPSTREAM STRUCTURE REMOVED FIRST AND THENCE PROCEEDING DOWNSTREAM TO THE SILT FENCE.
- ALL TEMPORARY EROSION CONTROL STRUCTURES ARE TO BE LEFT IN PLACE, MAINTAINED AND REPLACED AS NEEDED UNTIL ALL WORK UPSTREAM THEREOF HAS BEEN COMPLETED AND ALL RELATED CONTROL STRUCTURES HAVE BEEN REMOVED.
- ALL EMBANKMENTS TO BE GRADED AND SEEDED IMMEDIATELY UPON BEING LAID BACK.
- STABILIZATION OF THE SWALES WILL INCLUDE SEEDING AND STRAW MULCH ON SLOPES LESS THAN 5% AND JUTE NETTING OR EQUAL ON SLOPES EXCEEDING 5%.
- TOPSOIL AND/OR EARTH STOCKPILE SHALL BE LOCATED OUTSIDE OF EXISTING DRAINAGE SWALES, WETLANDS AND ADJACENT AREAS. SILT FENCES WILL BE PLACED ALONG THE TOE OF THE PILES AND THESE PILES SHALL RECEIVE TEMPORARY SEEDING.

LEGEND



CONSTRUCTION AND EROSION CONTROL SEQUENCE

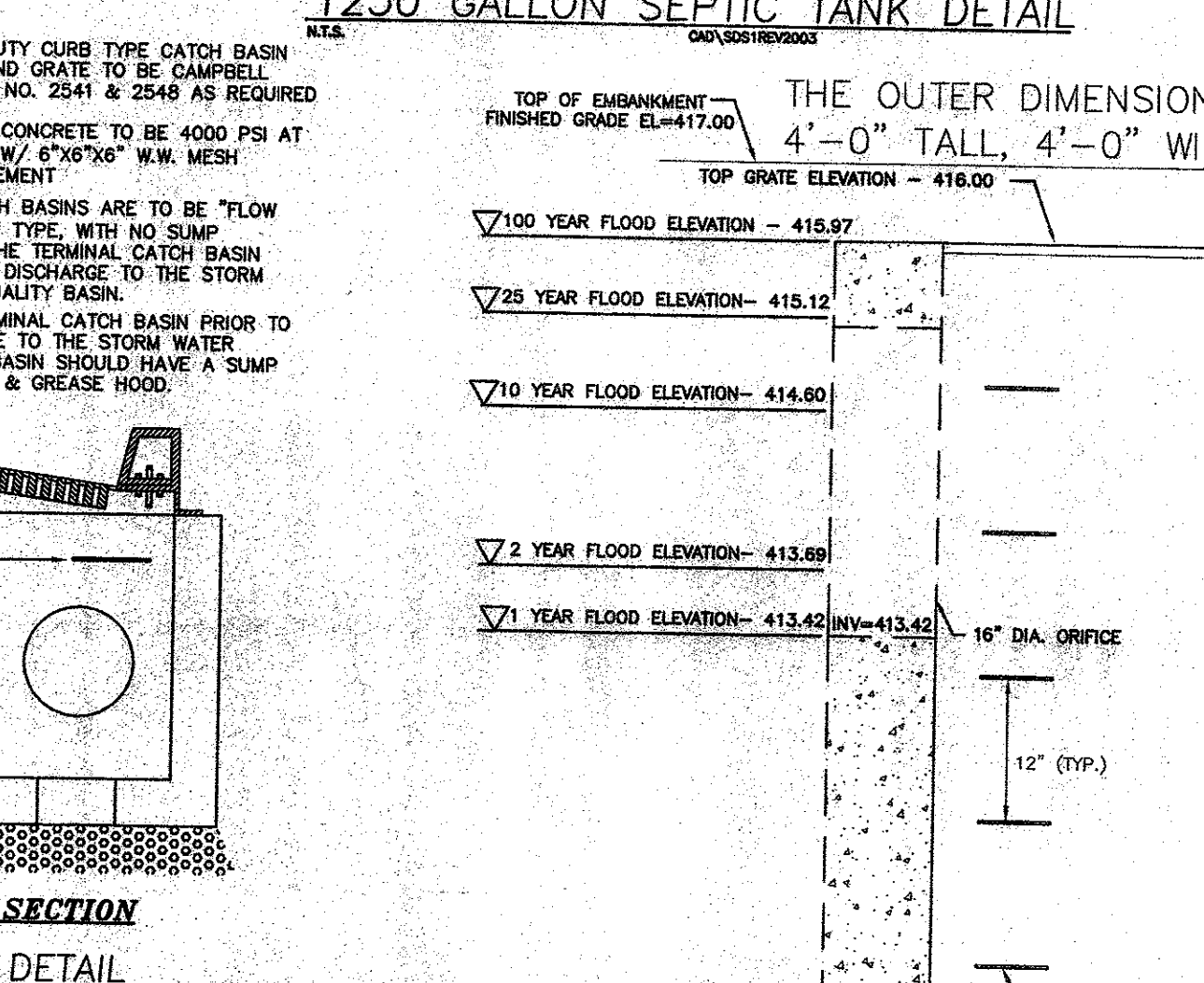
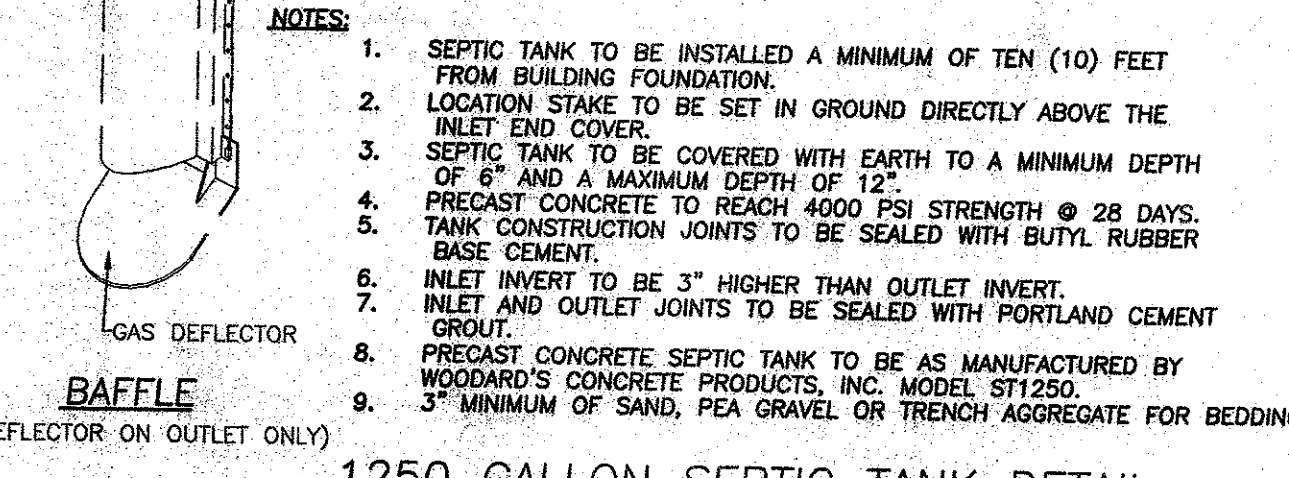
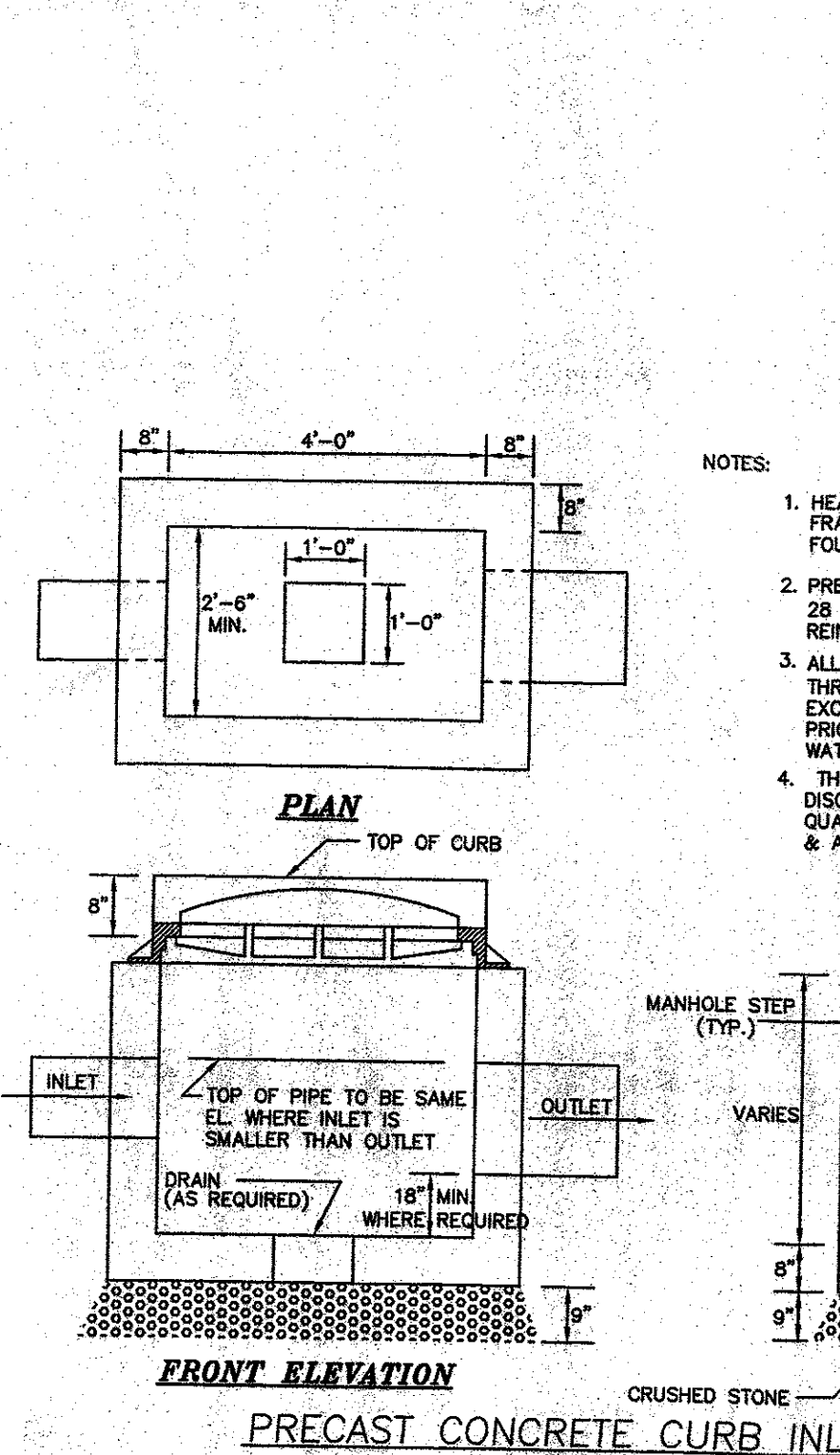
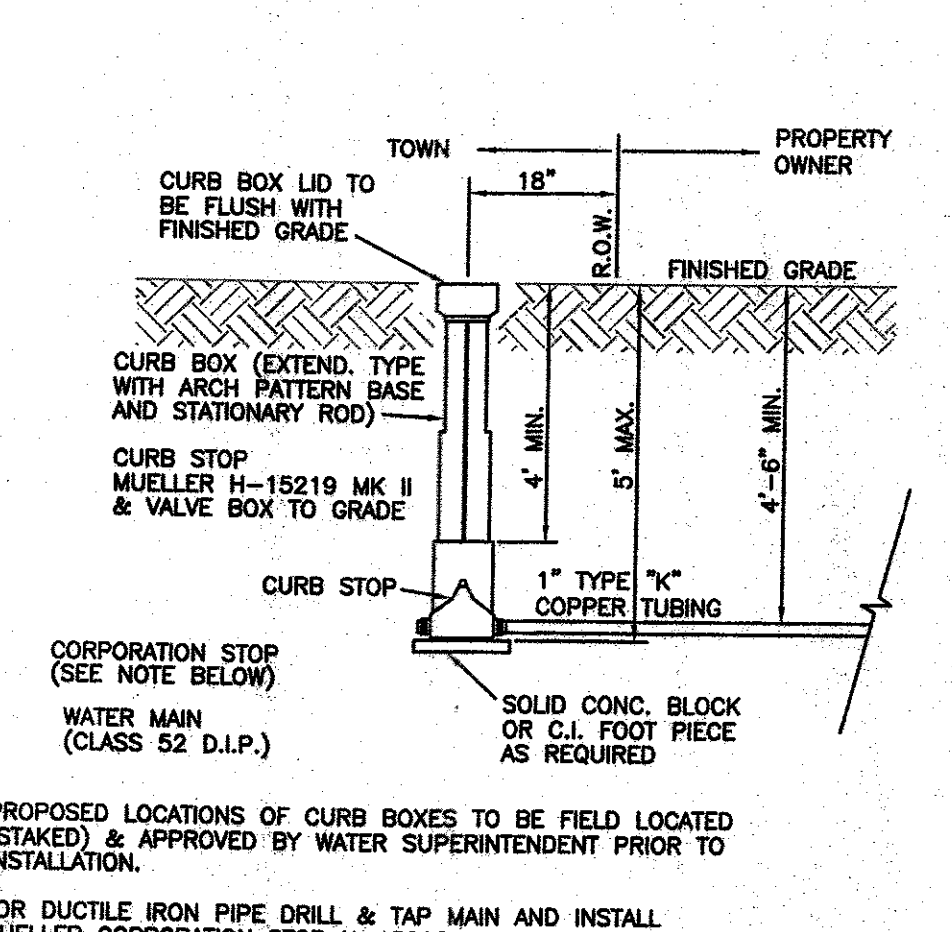
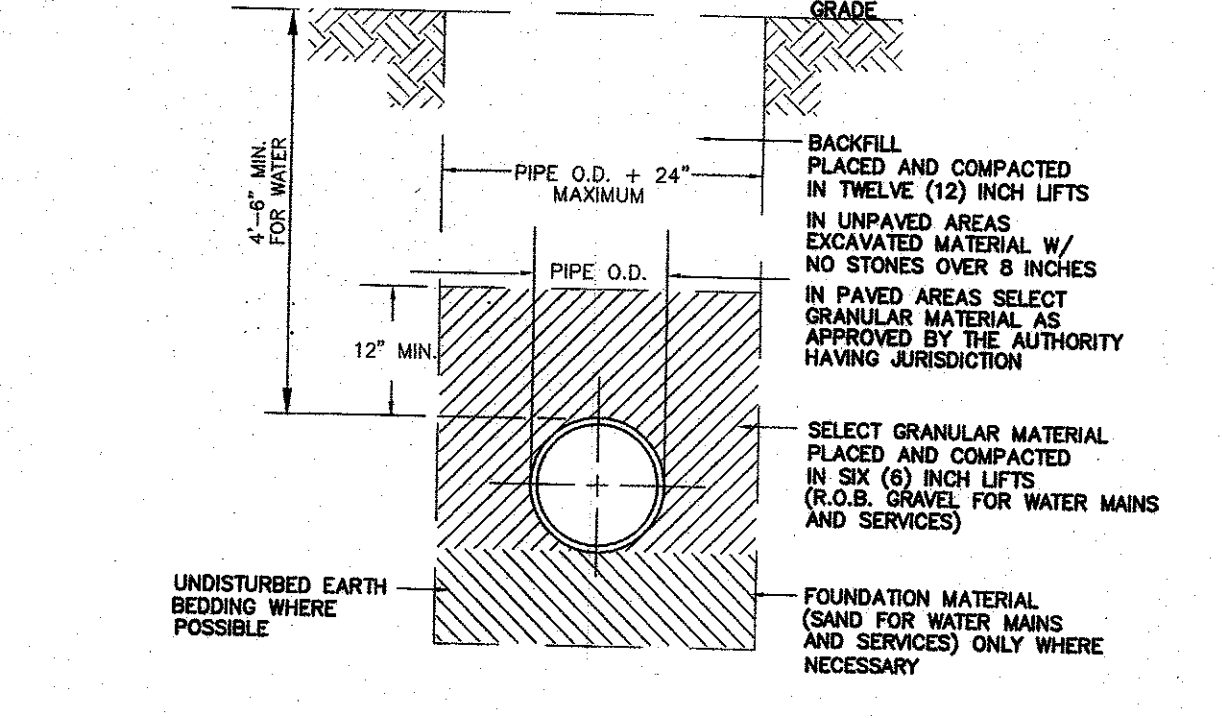
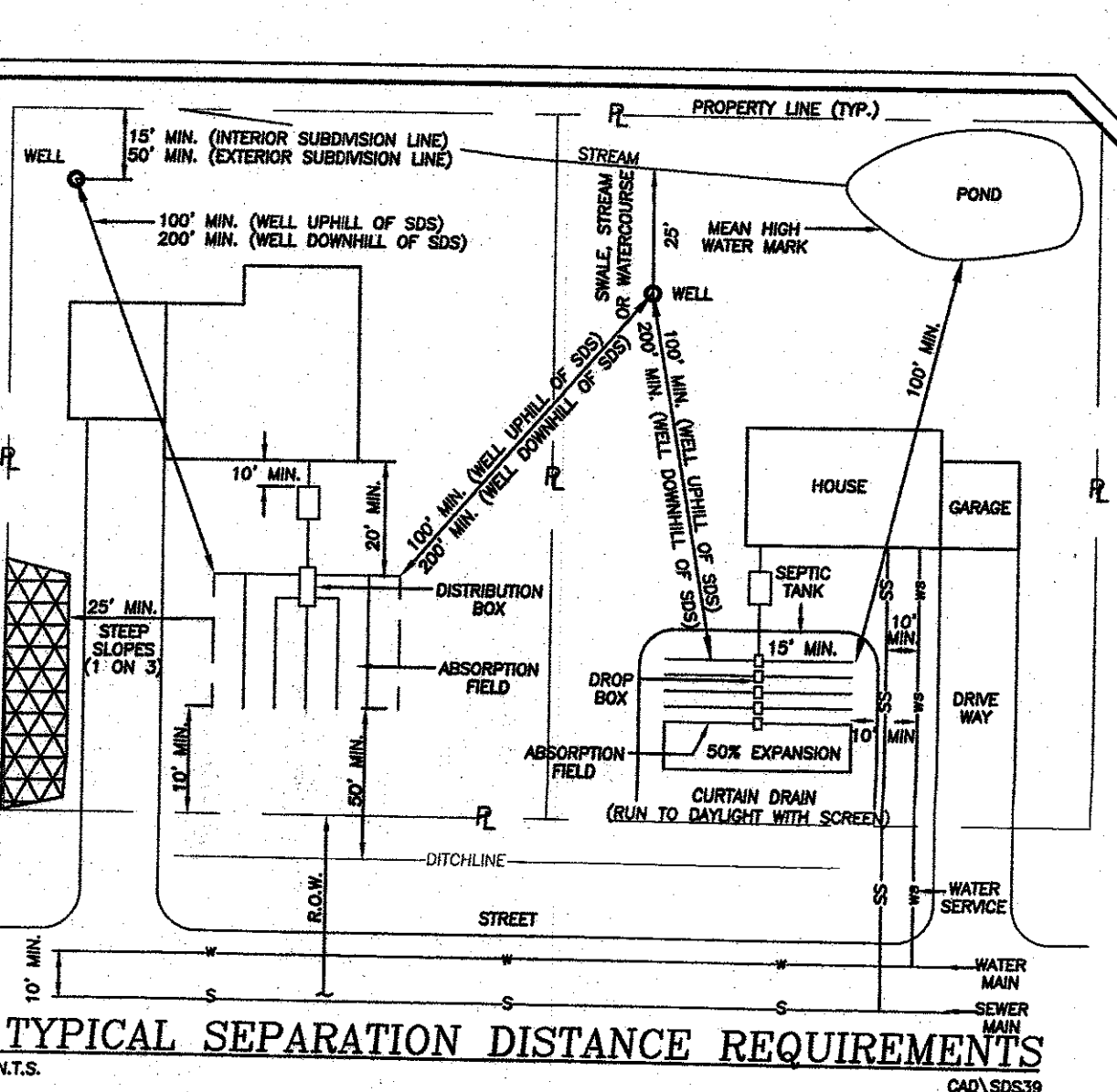
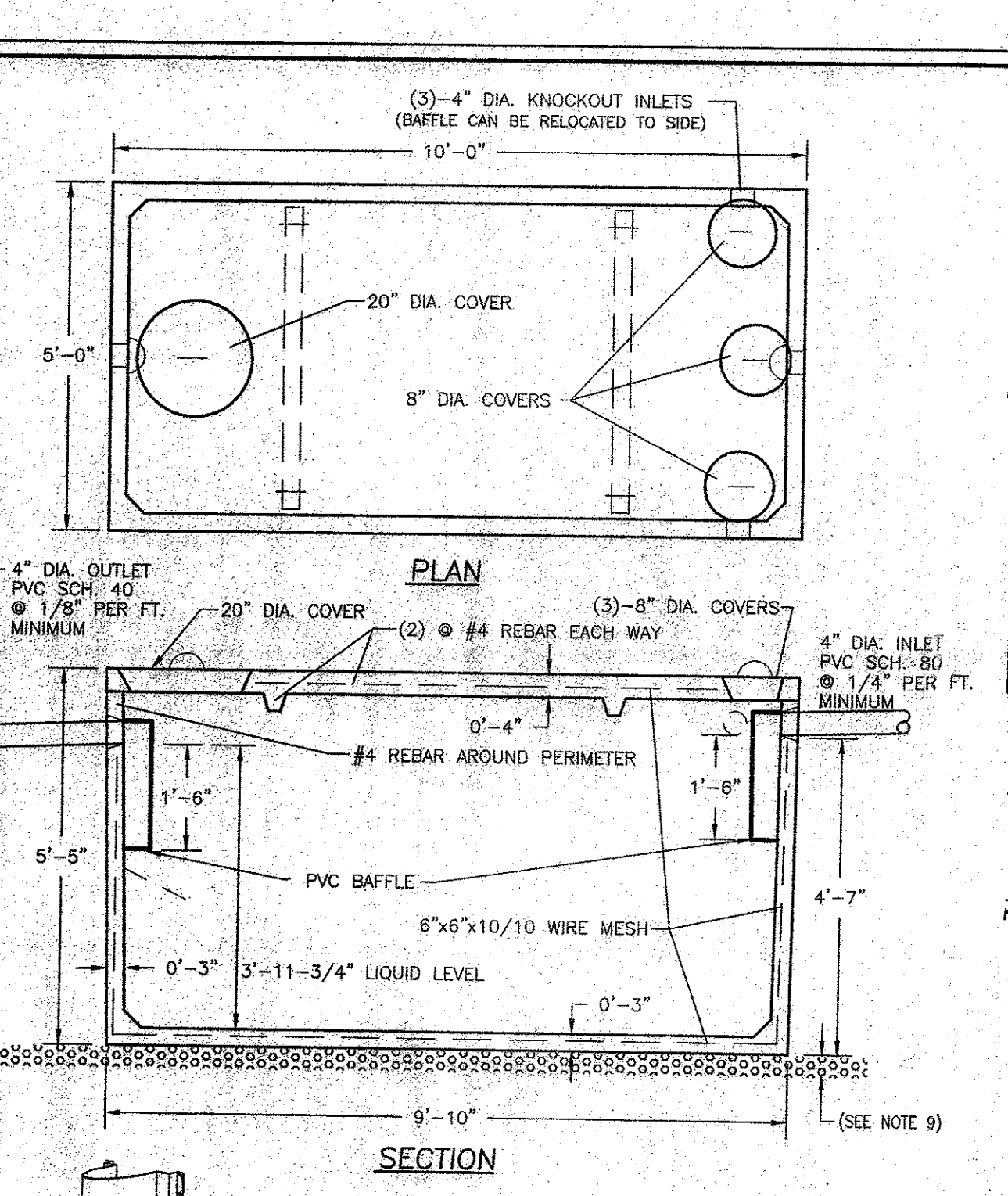
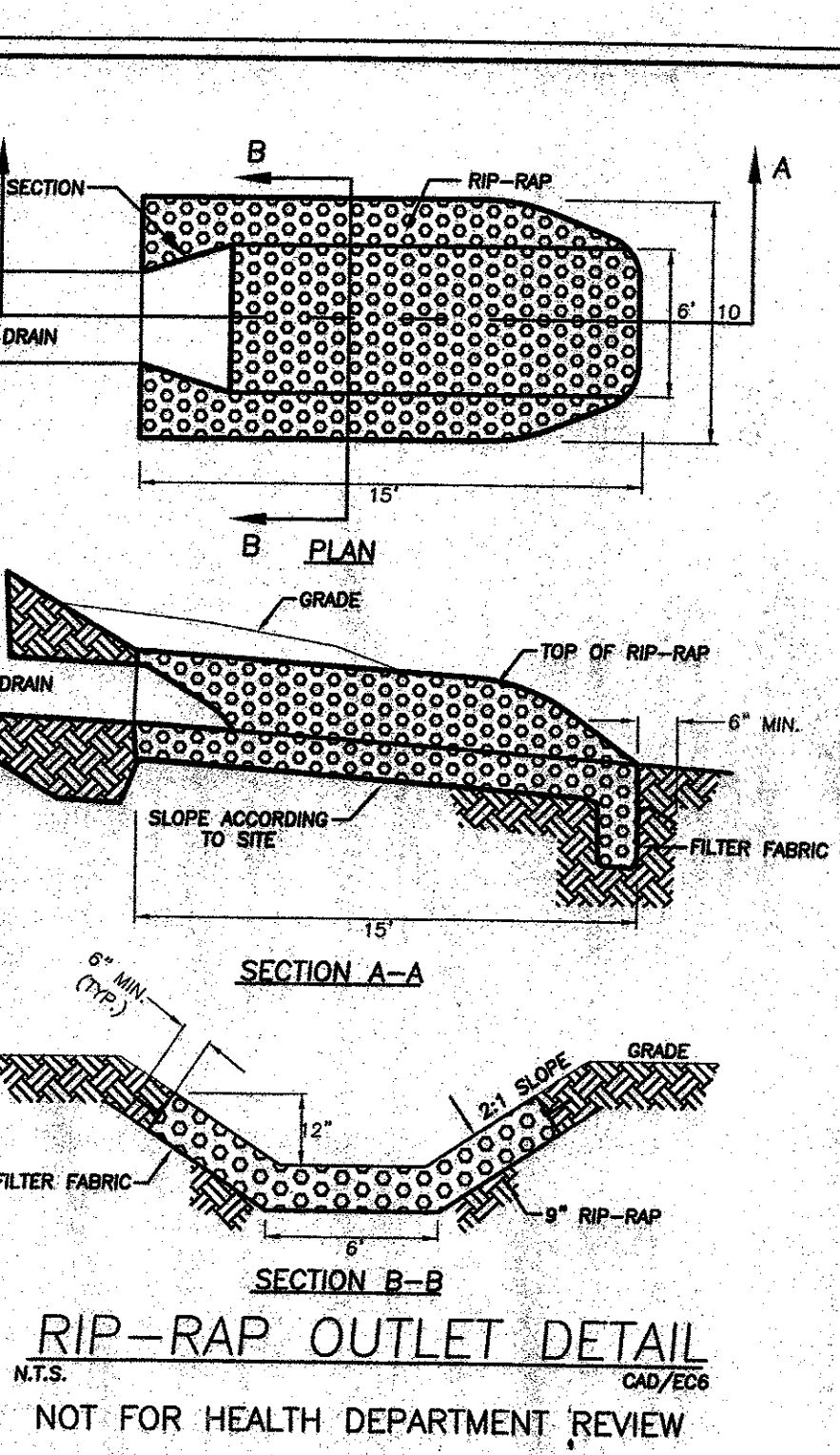
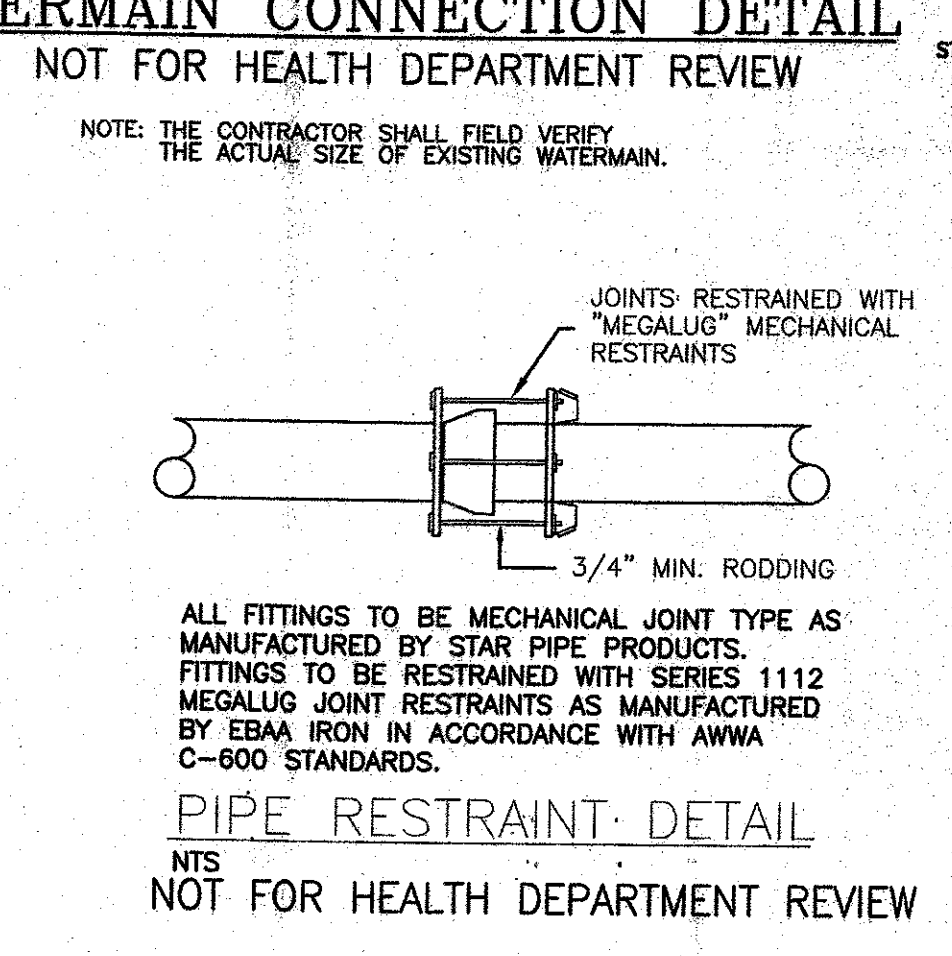
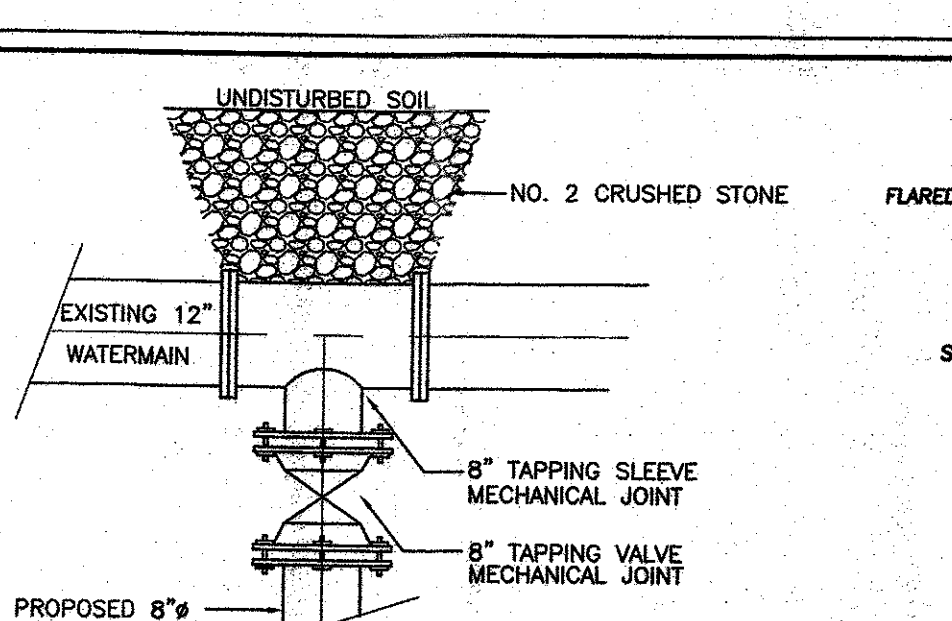
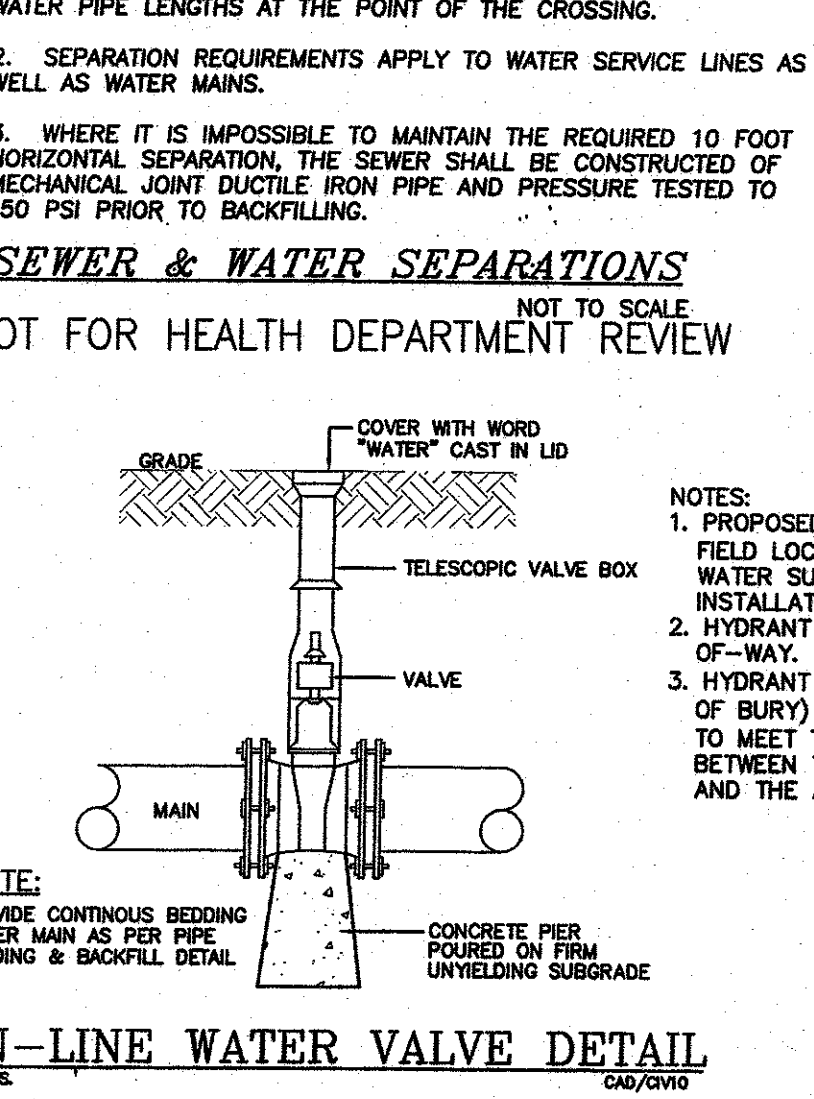
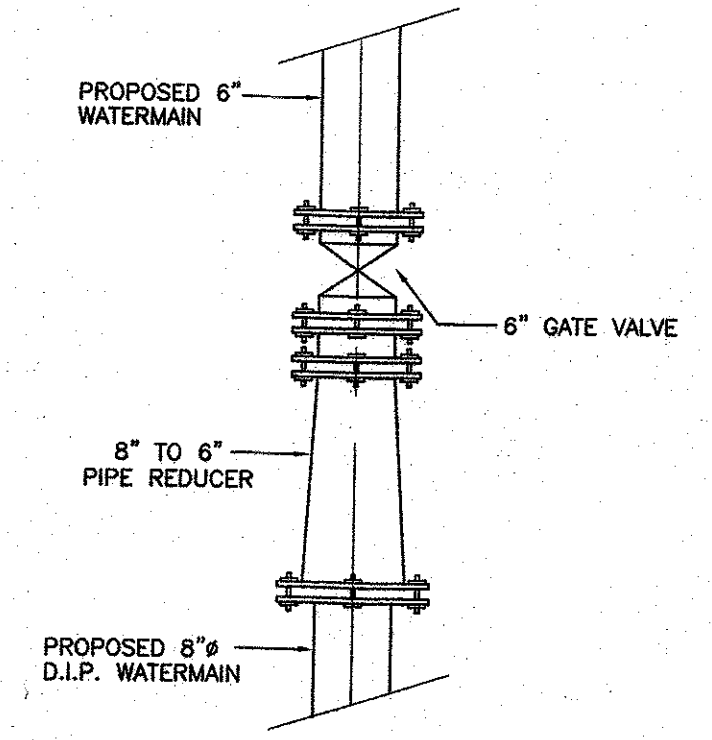
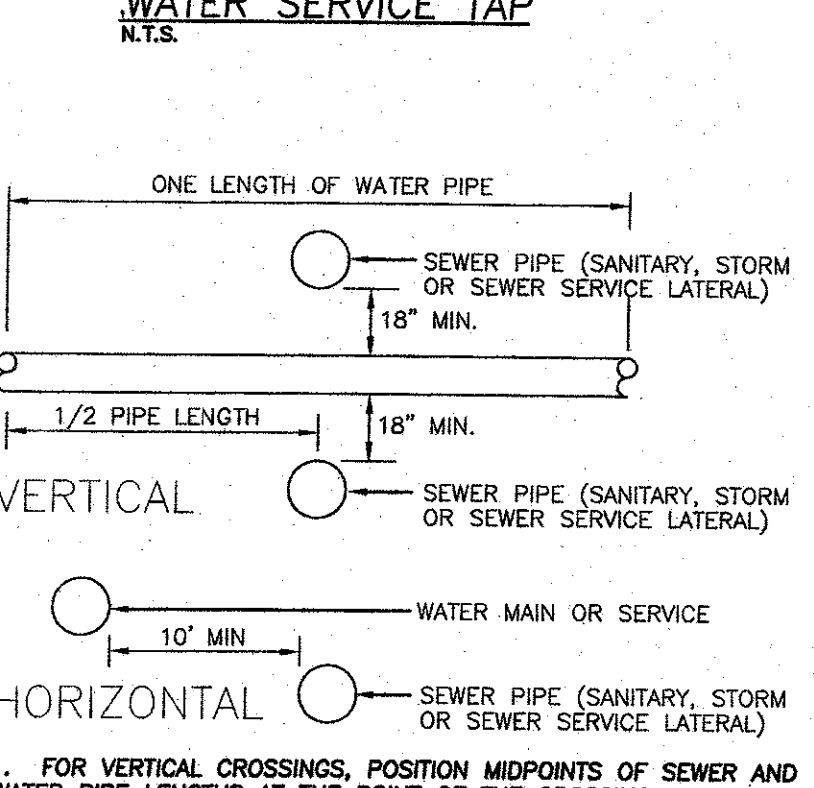
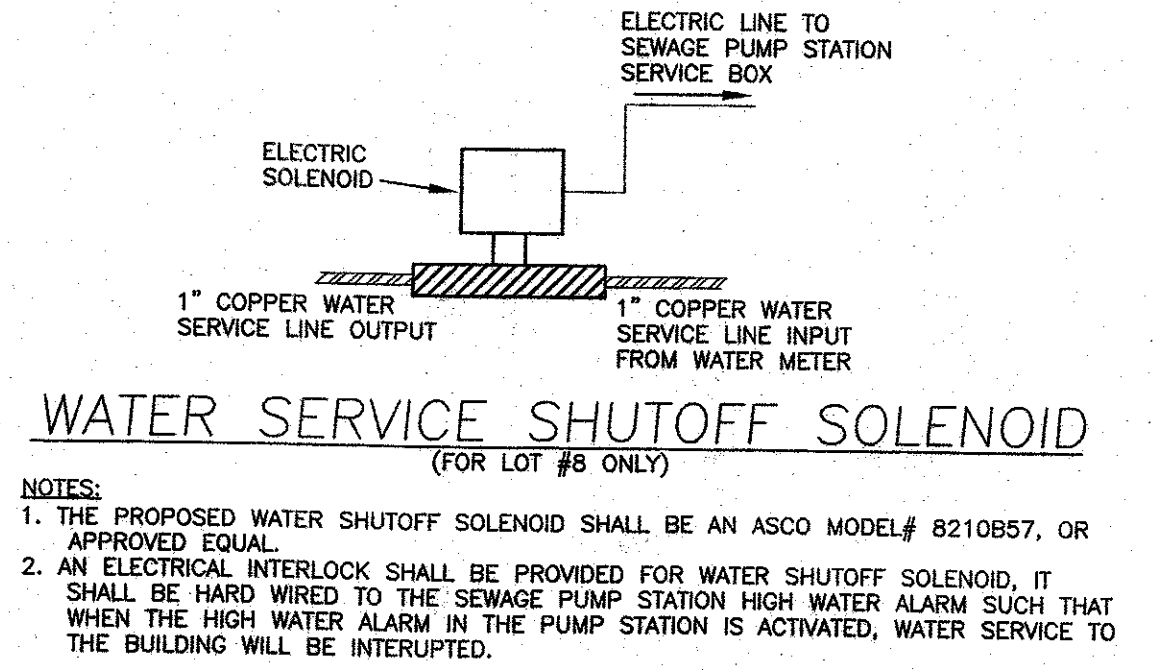
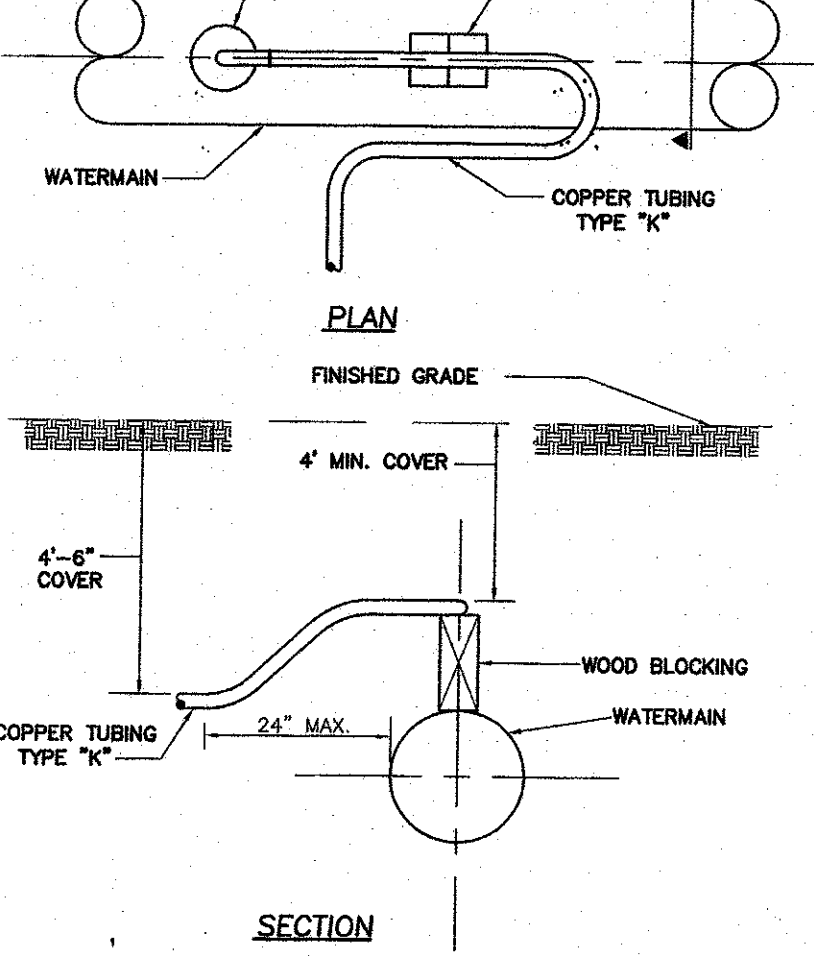
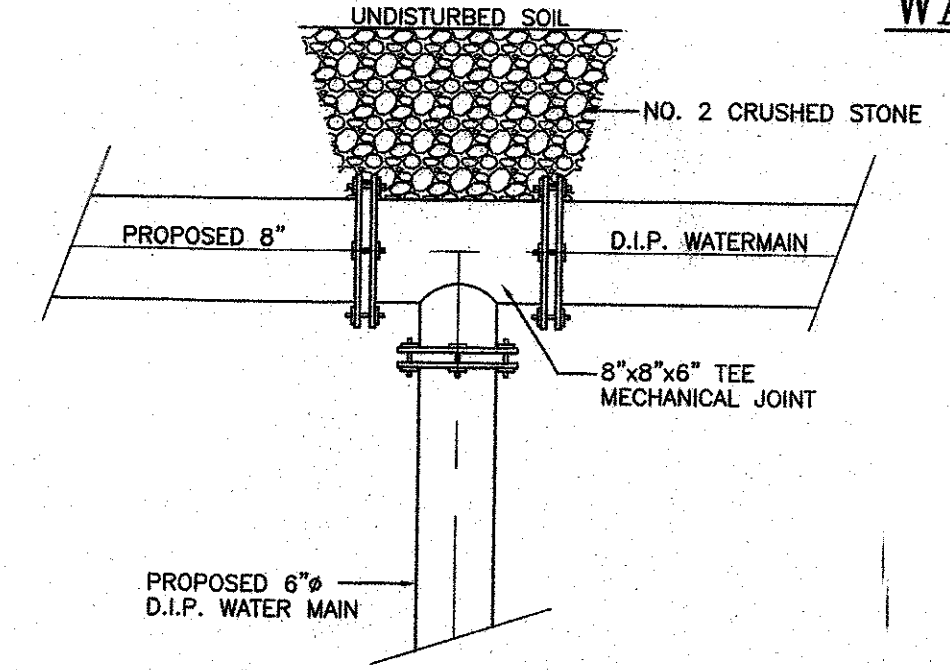
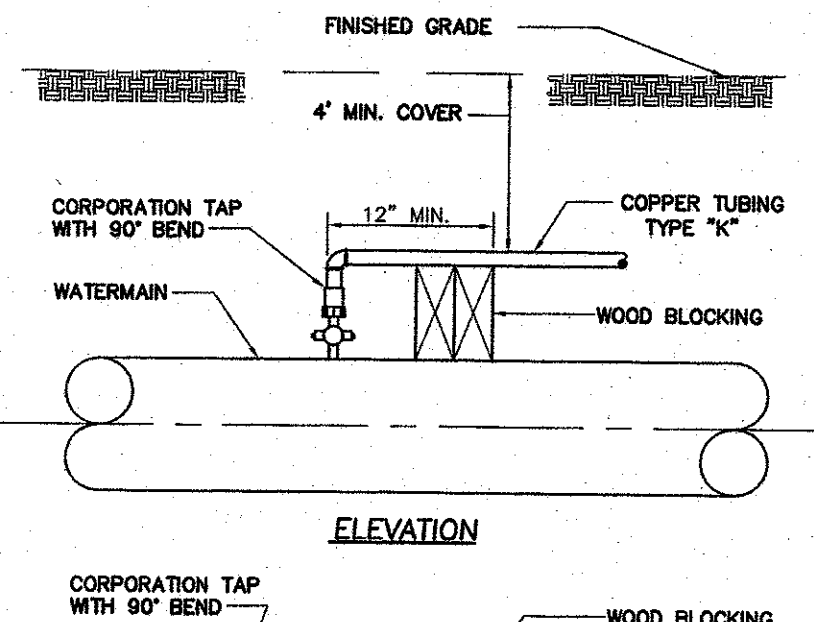
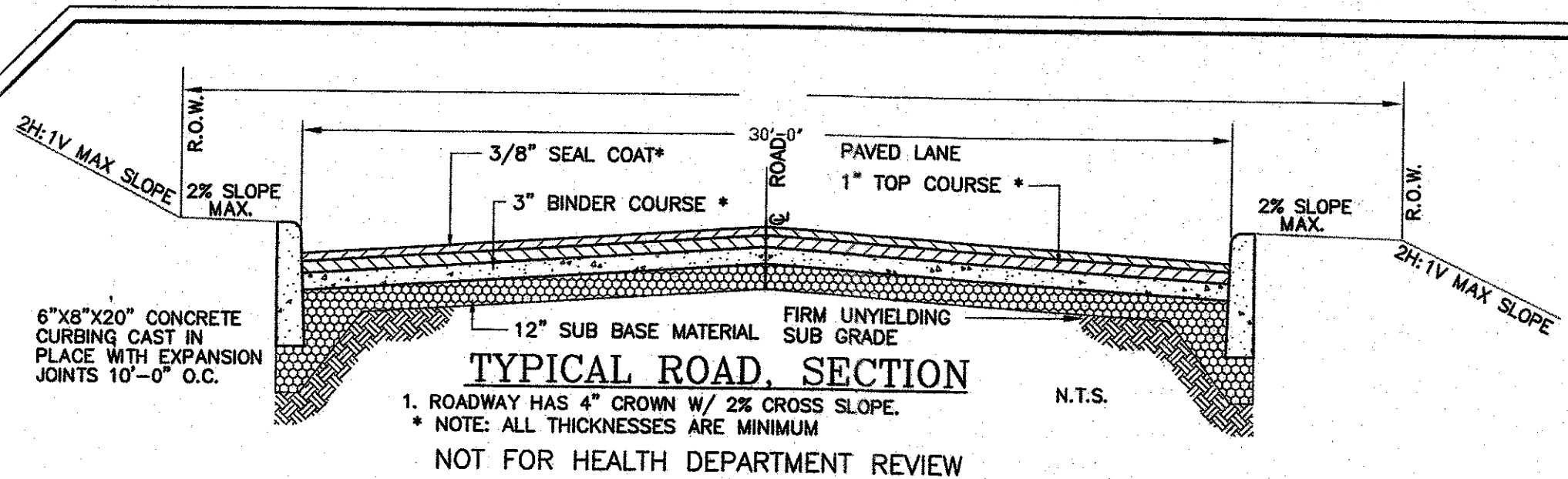
- ORANGE COLORED PLASTIC SAFETY CONSTRUCTION FENCING SHALL BE PLACED ALONG THE LIMITS OF DISTURBANCE, AS SHOWN ON THE GRADING PLAN (SHEET 3 OF 10) OF THIS SHEET SET, THROUGHOUT THE PROJECT PARCEL PRIOR TO THE COMMENCEMENT OF THE FOLLOWING EROSION CONTROL ITEMS.
- A SEDIMENTATION BARRIER CONSISTING OF A FILTER FABRIC CHECK DAM WILL BE PLACED THROUGHOUT THE SITE. PLACEMENT IS SHOWN ON THE EROSION CONTROL PLAN (ALSO SEE STREAM, DRAINAGE SWALES, AND EMBANKMENTS NOTE.)
- CREATE DIVERSION SWALES TO DIVERT OFF-SITE WATER PRIOR TO ENTERING THE SITE. INSTALL A CRUSHED STONE VEHICLE WHEEL CLEANING BLANKET WHERE THE CONSTRUCTION ACCESS ROAD INTERSECTS FOSTERTOWN ROAD, ROUGH GRADE PROPOSED ENTRANCE ROAD, AND INSTALL CATCH BASINS W/ TEMP. INLET PROTECTION. AFTER VEGETATION IS CLEARED FROM AREAS TO BE GRADED, FILLED, OR EXCAVATED, TOPSOIL WILL BE STRIPPED FROM ALL AREAS TO BE DISTURBED. THE TOPSOIL WILL BE STOCKPILED AND STABILIZED WITH A TEMPORARY RYE GRASS COVER. AREAS ARE PLANNED ONLY TO BE CLEARED PRIOR TO CONSTRUCTION ACTIVITY.
- ROUGH EXCAVATION OF THE PROPOSED STORM WATER DETENTION POND AND OUTLET SHALL BE PERFORMED. UPON COMPLETION OF ROUGH EXCAVATION OF DETENTION POND, OUTER SLOPES SHALL IMMEDIATELY BE STABILIZED WITH PERMANENT SEEDING MIXTURES, MULCH AND JUTE NETTING, AS SPECIFIED IN THE SEEDING SCHEDULE. AFTER GRADING, BERMS AND SWALES WILL BE CREATED TO DIVERT RUNOFF FROM NEWLY GRADED AREAS TO DETENTION POND, PREVENTING EROSION UNTIL GROUND COVER HAS DEVELOPED. INSTALL TEMPORARY INLET PROTECTION MEASURES AS DRAINAGE INFRASTRUCTURE IS COMPLETED.
- ANY AREA WHICH WILL BE UNIMPROVED FOR 30 DAYS OR MORE WILL BE SEEDING WITH A TEMPORARY RYE GRASS MIXTURE. WATER BARS WILL BE CONSTRUCTED AT SUITABLE INTERVALS (VARIES DEPENDING ON SLOPE) ALONG ROUGH OR GRADED ROADWAY TO CONVEY STORMWATER TO RETENTION POND.
- AFTER AREAS ADJACENT TO ROADS HAVE BEEN GRADED AND PERMANENT VEGETATIVE COVER HAS BEEN INSTALLED AND ESTABLISHED, THE SEDIMENT FILTERS ON STORM DRAINAGE INLET WILL BE REMOVED.
- AFTER CONSTRUCTION IS COMPLETED, TEMPORARY DIVERSION SWALES WILL BE REMOVED. STOCKPILED TOPSOIL WILL BE SPREAD TO FINE GRADATIONS AND PERMANENT LAWNS AND LANDSCAPING WILL BE ESTABLISHED. REMOVE SILT FENCING, IN REVERSE ORDER INSTALLED.
- ALL NEWLY SEEDING VEGETATIVE COVER ON ALL DISTURBED AREAS OF THE SITE WILL BE MAINTAINED. WASHOUTS OR IMPROPERLY GROWING AREAS WILL BE CORRECTED AS THEY OCCUR.

TEMPORARY SEEDING SCHEDULE

- | SEED | MULCH |
|---|---|
| 1. TEMPORARY SEEDING SEASON:
MARCH 1 TO JUNE 15
AUGUST 15 TO SEPT. 15 | - STRAW, WOOD CHIPS, OR APPROVED FABRICS MAY BE USED AS MULCH |
| 2. SEEDING:
4 LBS. ANNUAL (OR PERENNIAL) RYE/1000 SF.
16 LBS. 10-20-10 COMMERCIAL FERTILIZER/1000 SF. | - STRAW MULCH CAN BE APPLIED BY MECHANICAL BLOWERS OR BY HAND TO PRODUCE A LOOSE LAYER 3/4" THICK |
| 3. MULCH:
WOOD CHIPS SHALL BE SPREAD EVENLY OVER THE DISTURBED AREA TO A THICKNESS OF 2" | - GENERALLY, 3 TONS OF MULCH PER ACRE ARE SUFFICIENT |
| 80 LBS. SALT HAY OR STRAW/1000 SF.
(MC-250 OR MC-800 @ 363 GAL./ACRE) | - STRAW MULCH SHALL BE FINE GRADE |

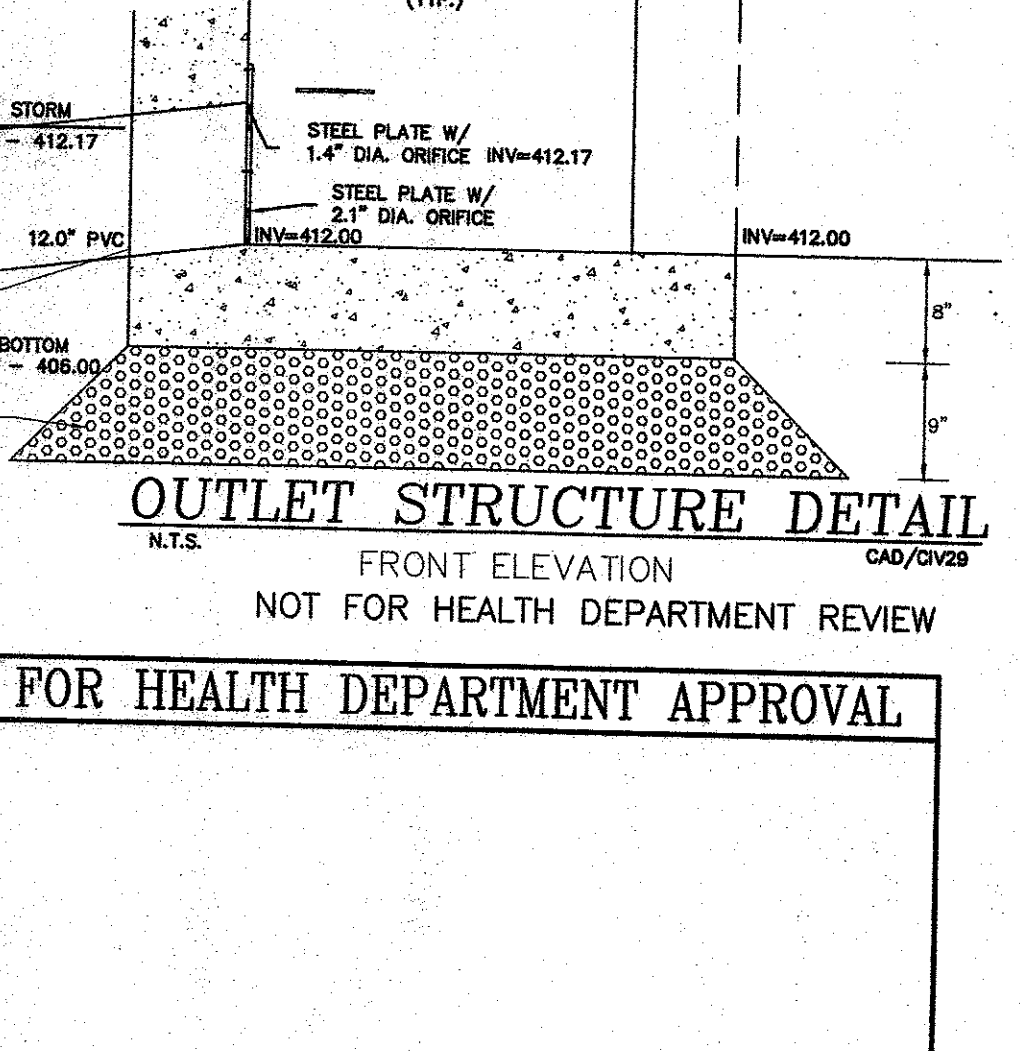
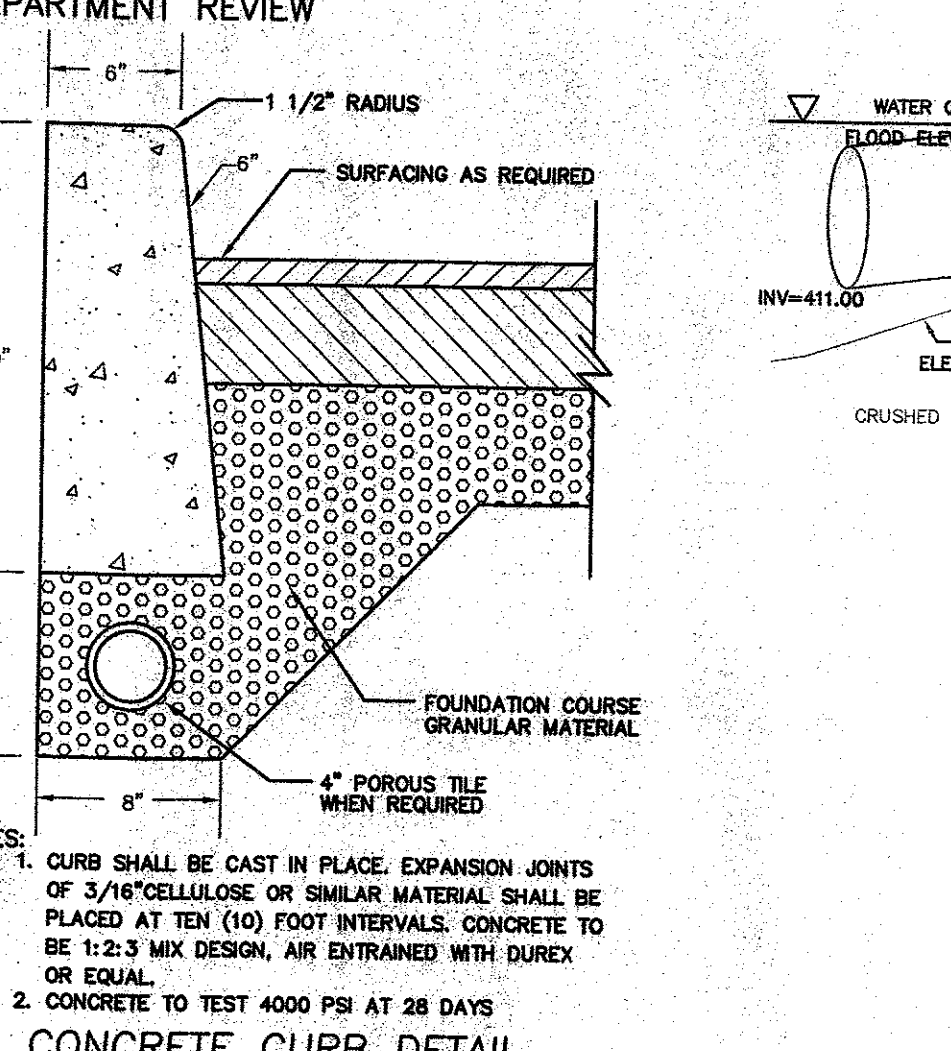
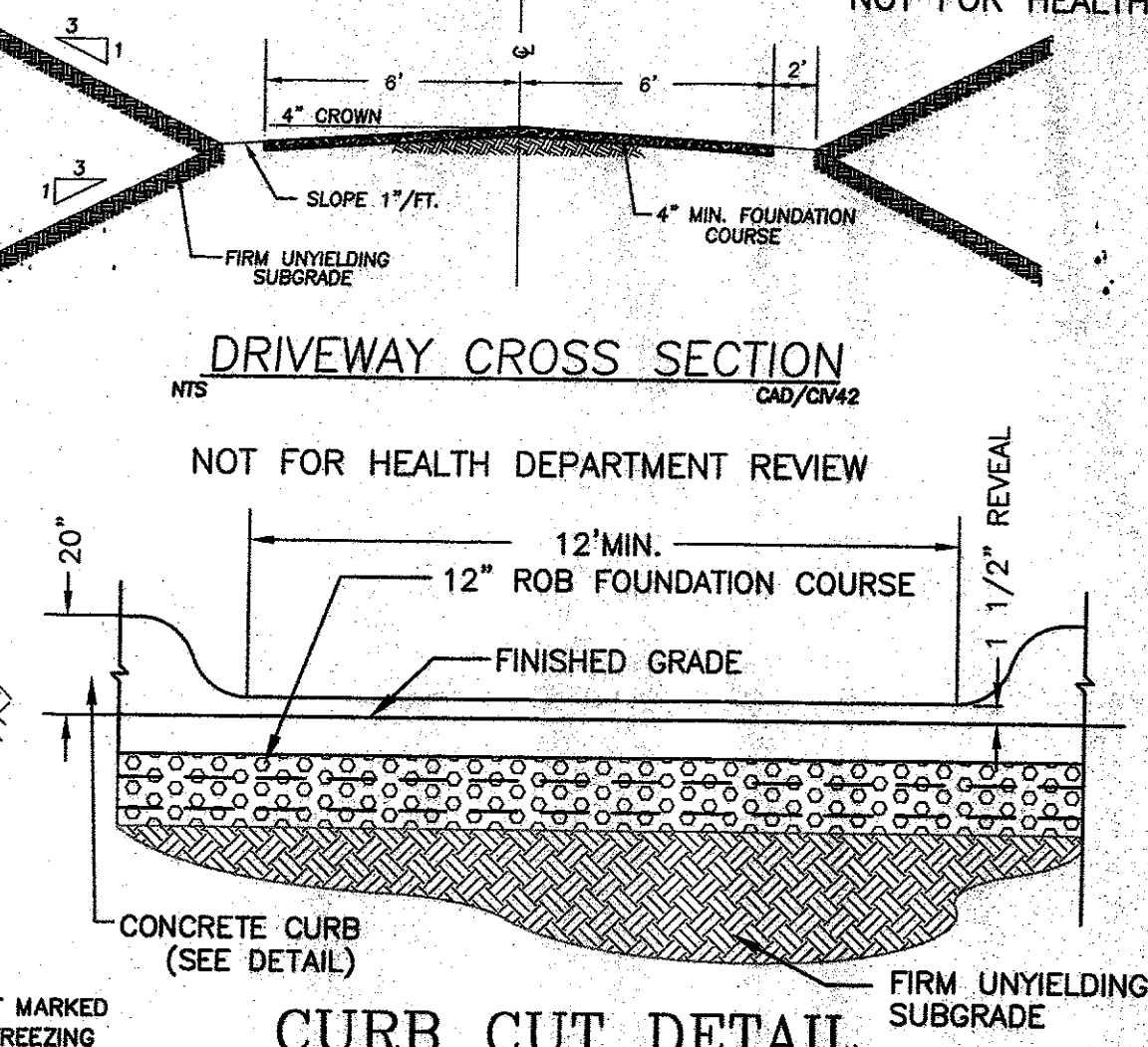
ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS NOTES:

- NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.
- NO PLANTING SHALL HAVE THE DRIP EDGE PROJECT WITHIN THE COUNTY R.O.W.
- NO SIGNS SHALL BE PLACED OR PROJECT INTO THE COUNTY R.O.W.



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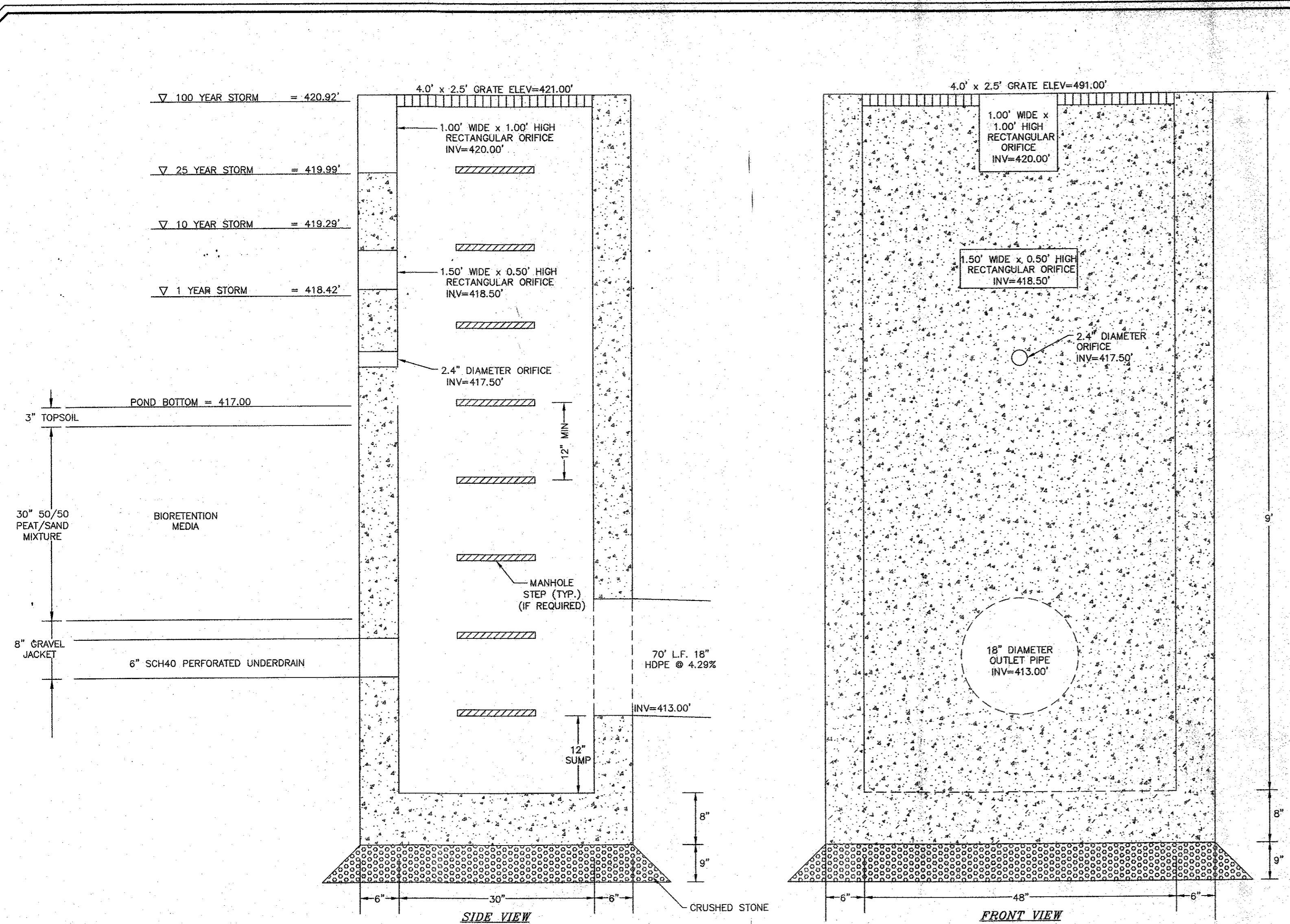


DATE	DESCRIPTION	INITIALS
02/11/21	UPDATE POND DESIGN	CJP
12/5/08	AS PER 12/4/08 PLANNING BOARD MEETING	TBE
11/28/08	AS PER 11/25/08 WORKSHOP MEETING	KW
11/14/08	AS PER TOWN ENGINEER COMMENTS	TBE
6/23/08	AS PER OCHD COMMENTS DATED 5/8/08	TBE
6/28/08	AS PER OCHD COMMENTS DATED 2/8/08	TBE
12/28/07	AS PER OCHD COMMENTS DATED 10/26/07	CNF
9/4/07	GENERAL REVISIONS	MGF
9/12/05	AS PER 07/6/05 DRAINAGE COMMENTS	TBE
5/20/05	AS PER 09/29/04 CONSULTANT LETTERS	TBE
6/28/04	AS PER 08/04 CONSULTANT LETTERS	TBE
7/20/04	AS PER 03/04 CONSULTANT LETTERS	TBE
4/1/04	ORIGINAL PREPARATION DATE	JS

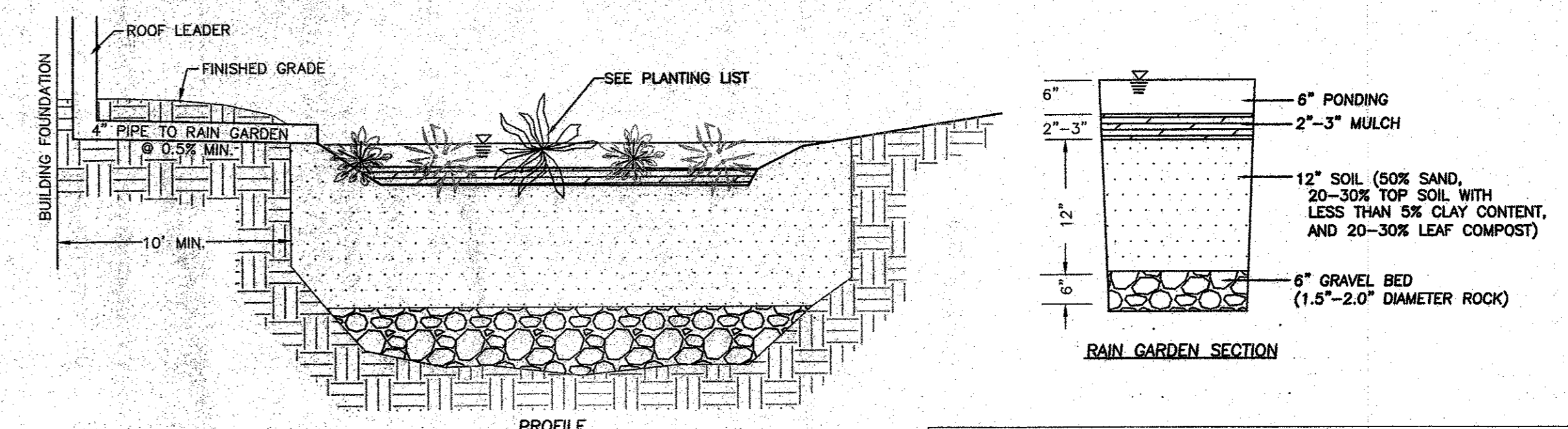
PIETRZAK & PFAU
 ENGINEERING & SURVEYING, PLLC
 282 GREENWICH AVENUE, SUITE A
 GOSHEN, NEW YORK 10824
 (914) 284-0806

LANDS OF ZAZON
 TOWN OF NEWBURGH
 COUNTY OF ORANGE, NEW YORK

DETAIL SHEET
 DRAWING TITLE SECTION 20 BLOCK 1 LOT 24
 UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUBSECTION 2 OF THE N.Y. STATE EDUCATION LAW.
 O.C.H.D. SHEET NO. 5 OF 8
 D.E.C. SHEET NO. 7 OF 11
 DRAWING NUMBER 23153.01
 SCALE 1"=50'
 CAD REFERENCE 2315300V
 PROJECT NUMBER 23153.01



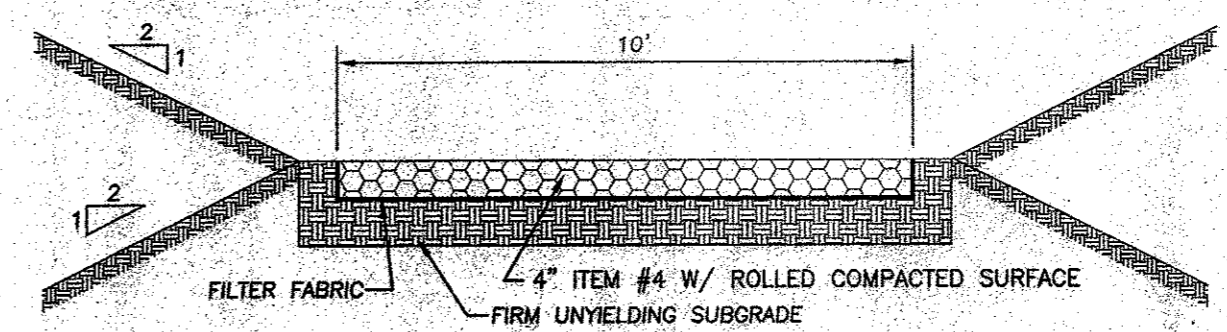
PROPOSED OUTLET CONTROL STRUCTURE OCS-1 DETAIL
N.T.S.



PROFILE
RAIN GARDEN DETAIL (TYP.)
N.T.S.

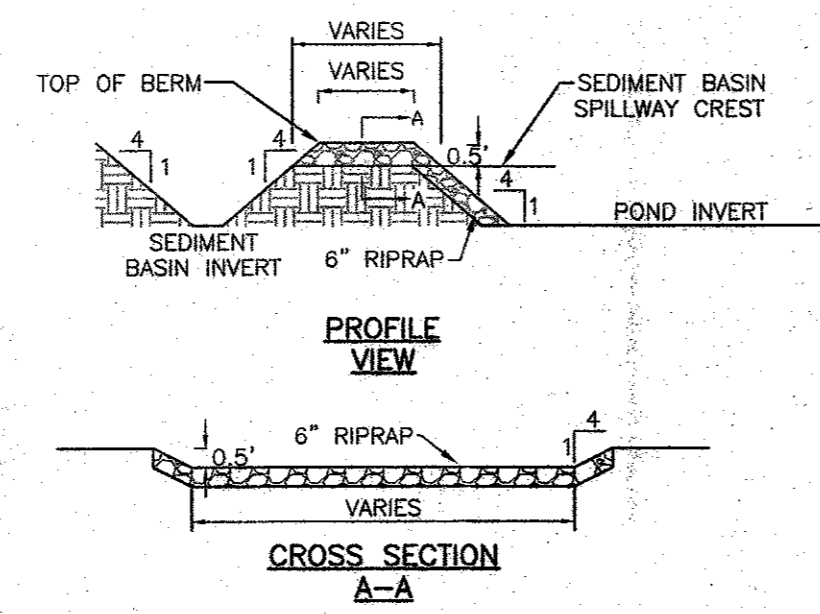
RAIN GARDEN PLANTING LIST			
BOTANICAL NAME	COMMON NAME	SIZE	SEASON
WINTERBERRY	ILEX VERTICILLATA	24" HIGH	AUTUMN
ARROWWOOD	VIBURNUM DENTATUM	24" HIGH	SPRING
SWEET PEPPERBUSH	CLETHRA ALNIFOLIA	24" HIGH	SUMMER

- NOTES:
- A MIX OF THE SHRUB SPECIES LISTED IS TO BE SELECTED FOR EACH INDIVIDUAL RAIN GARDEN.
 - SHRUBS ARE TO BE SPACED 5 FEET ON CENTER.
 - SHRUBS ARE TO BE A MINIMUM OF 24" IN HEIGHT.
 - SHRUBS SHOULD BE CONTAINER GROWN WITH A WELL ESTABLISHED ROOT SYSTEM.
 - SHRUBS ARE TO BE PRUNED IF THEY START TO BECOME LEGGY AND FLOPPY.
 - ROUTINE MAINTENANCE MAY INCLUDE OCCASIONAL REPLACEMENT OF PLANTS, MULCHING, WEEDING, AND THINNING TO MAINTAIN THE DESIRED APPEARANCE.
 - THE TOP FEW INCHES OF PLANTING SOIL IS TO BE REMOVED AND REPLACED WHEN WATER PONDS FOR MORE THAN 48 HOURS.
 - LONG TERM MAINTENANCE OF THE RAIN GARDEN SHALL BE THE PROPERTY OWNER.



NOTE:
1. STABILIZED ACCESS IS TO MAINTAIN A MAXIMUM SLOPE OF 15 PERCENT.
2. STABILIZED ACCESS DRIVE IS TO BE PAVED FOR A DISTANCE OF 30' FROM THE PROPOSED ROADWAY EDGE OF PAVEMENT.

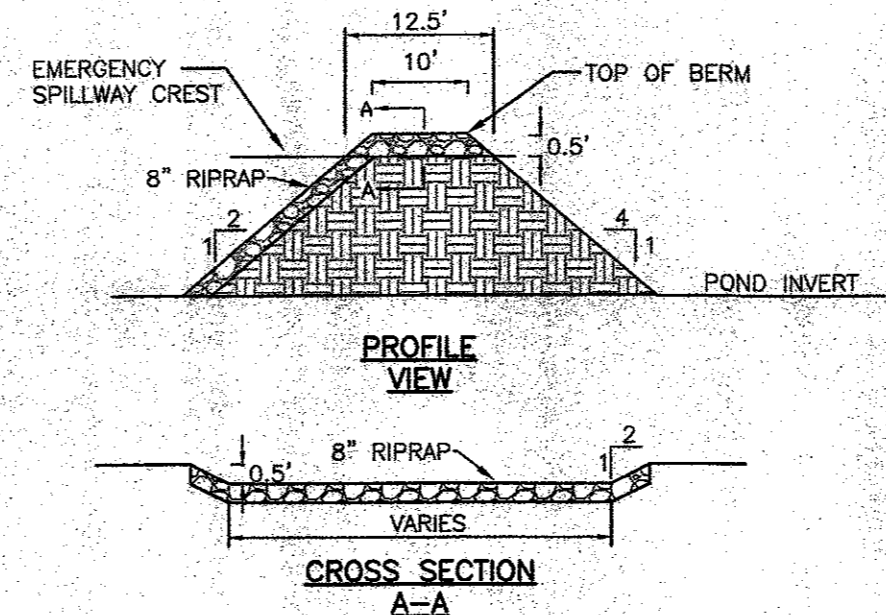
STABILIZED POND ACCESS DRIVE DETAIL
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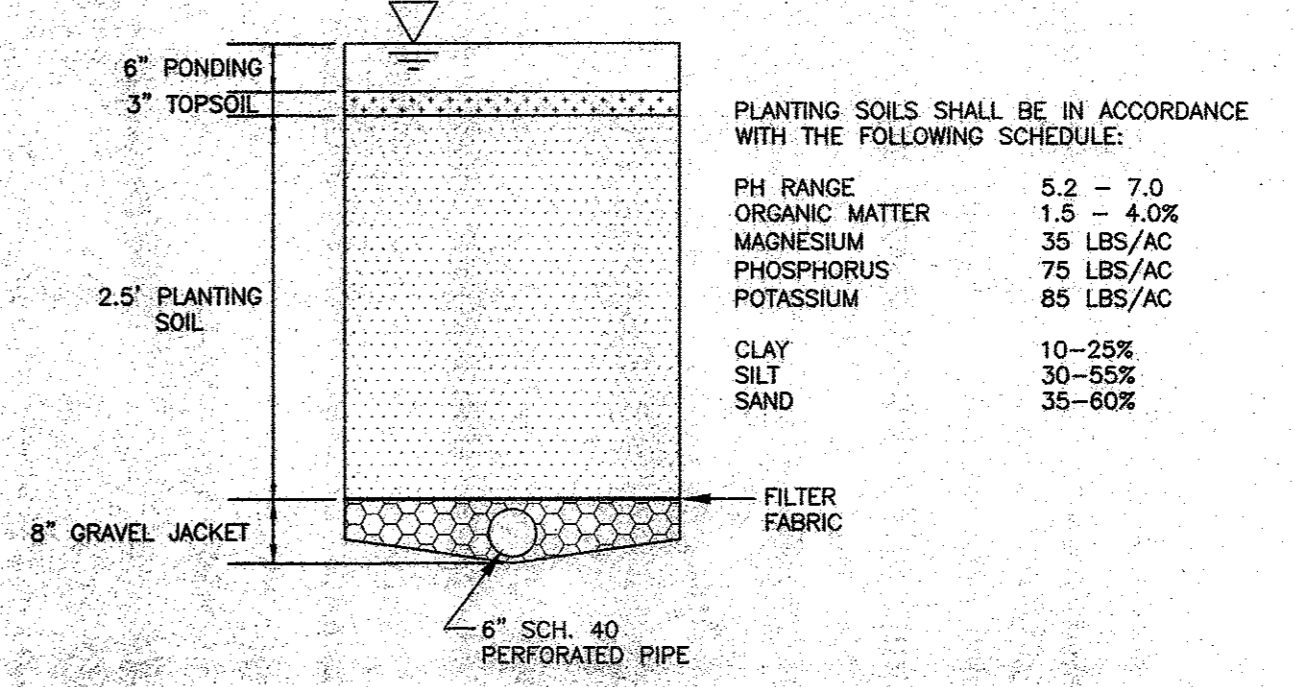
NOTE:
1. POND 3P SIDE SLOPES ARE TO BE 2 HORIZONTAL TO 1 VERTICAL BELOW PERMANENT WATER ELEVATION.

TYPICAL STORMWATER POND DETAIL
N.T.S.

STORMWATER POND ELEVATIONS			
POND	SEDIMENT BASIN INVERT EL.	POND INVERT EL.	BERM EL.
4P	418.00	417.00	422.00



STORMWATER POND EMERGENCY SPILLWAY DETAIL
N.T.S.



PLANTING SOILS SHALL BE IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

PH RANGE	5.2 - 7.0
ORGANIC MATTER	1.5 - 4.0%
MAGNESIUM	35 LBS/AC
PHOSPHORUS	75 LBS/AC
POTASSIUM	85 LBS/AC
CLAY	10-25%
SILT	30-55%
SAND	35-60%

NOTES:
1. THE FILTER MEDIA SHOULD FALL WITHIN THE SM, OR ML CLASSIFICATIONS OF THE USGS.
2. THE SOIL SHOULD BE FREE OF STONES, STUMPS, ROOTS, OR OTHER WOODY MATERIAL OVER 1" IN DIAMETER AND BRUSH OR SEEDS FROM NOXIOUS WEEDS.
3. PLACEMENT OF THE PLANTING SOIL SHOULD BE IN LIFTS OF 12" TO 18", LOOSELY COMPACTED (TAMPED LIGHTLY WITH A DOZER OR BACKHOE BUCKET).
4. A DENSE AND VIGOROUS VEGETATIVE COVER SHALL BE ESTABLISHED OVER THE CONTRIBUTING PERVIOUS DRAINAGE AREAS BEFORE RUNOFF CAN BE ACCEPTED INTO THE FACILITY.

BIORETENTION FILTER CROSS SECTION DETAIL
N.T.S.

DATE	DESCRIPTION	INITIALS
02/11/21	UPDATE POND DESIGN	CJP
12/5/08	AS PER 12/4/08 PLANNING BOARD MEETING	TBE
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REVISIONS	
MAP CHECK DATE: 00/00/00	INITIALED BY: --

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(845) 786-4646

MICHAEL B. CHEVALIER, P.E.
LICENSE NO. 66282

JOSEPH J. PFAU, P.E.
LICENSE NO. 66926

DAVID A. PIETRZAK, P.E., P.L.S.
LICENSE NO. 66926

DATE: 2/11/21

LANDS OF ZAZON
TOWN OF NEWBURGH
COUNTY OF ORANGE, NEW YORK

PROJECT TITLE
STORMWATER DETAIL SHEET

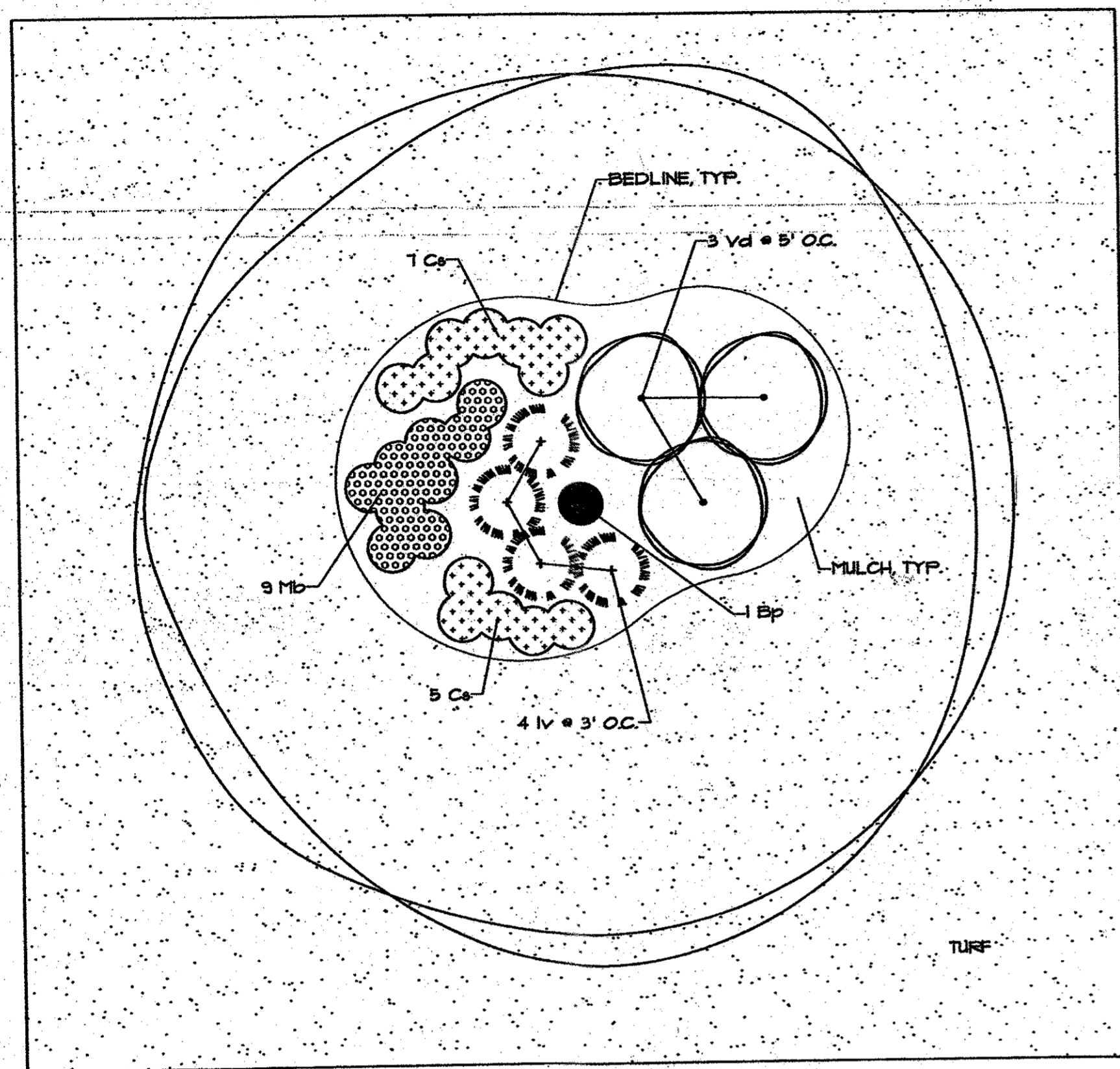
DRAWING TITLE SECTION 20 BLOCK 1 LOT 24

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.	D.E.C. SHEET NO.	DRAWING NUMBER
OF 6	OF 6	9 OF 11

SCALE 1"=50'

CAD REFERENCE	PROJECT NUMBER
2315300V	23153.01



RAIN GARDEN PLANTINGS, TYP.

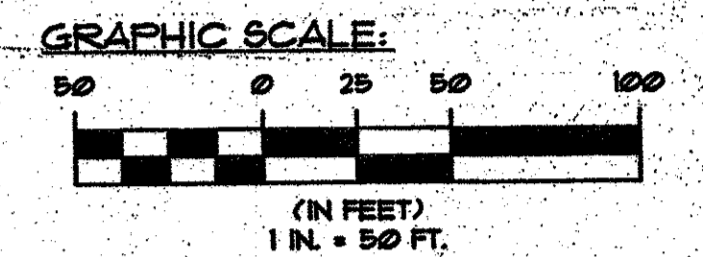
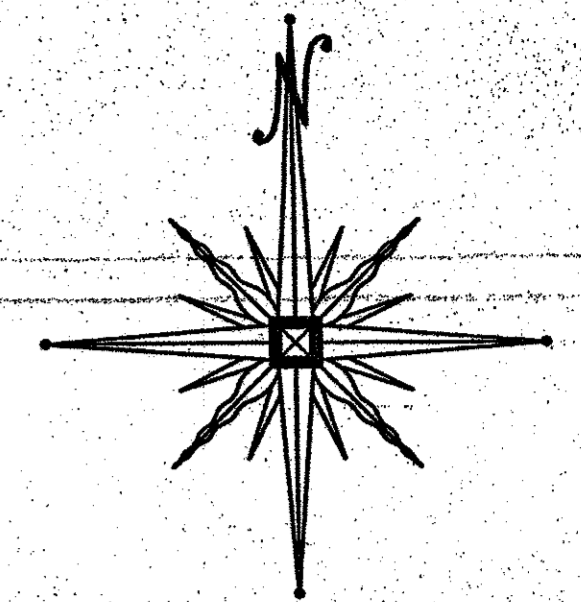
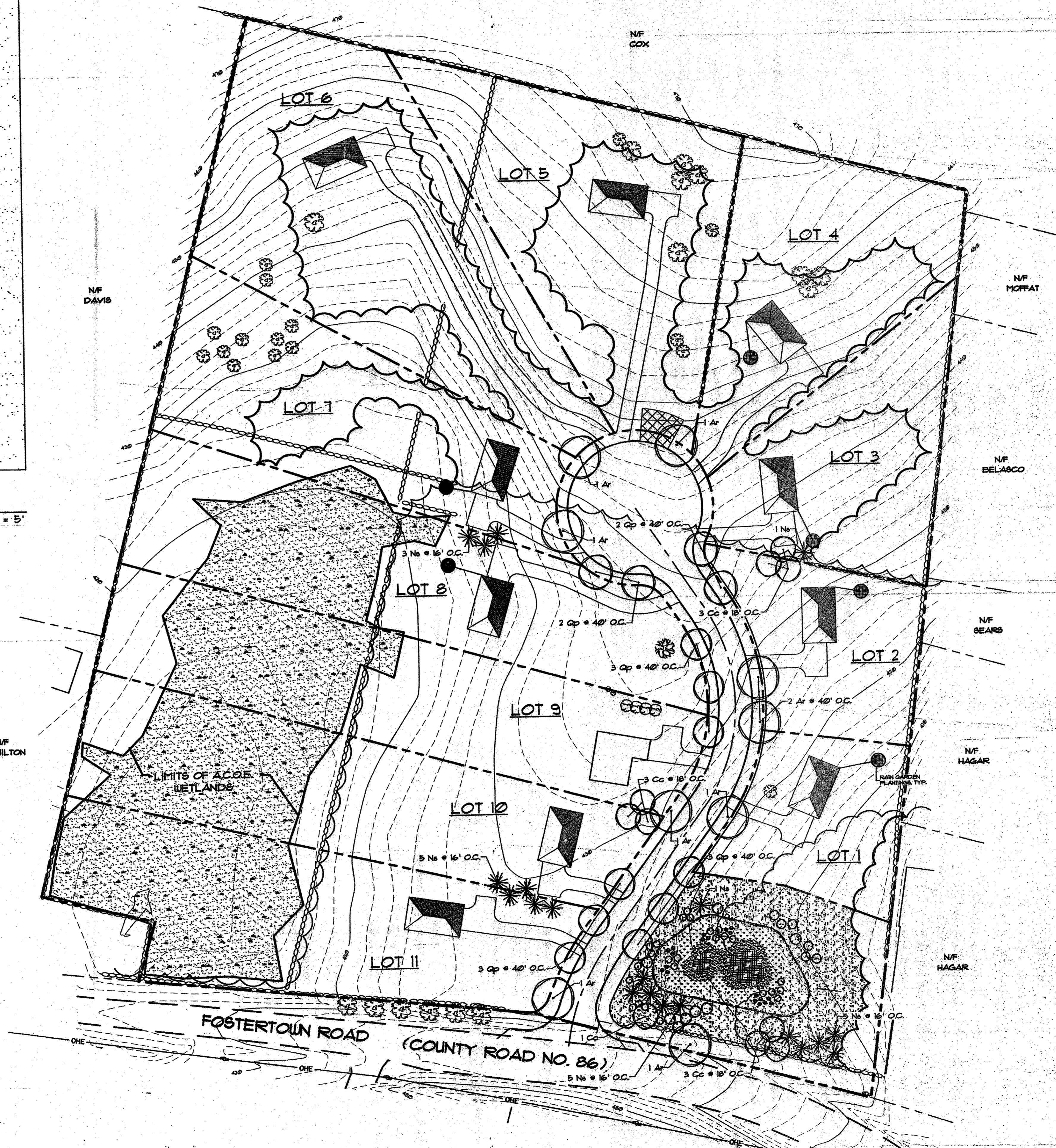
SCALE: 1" = 5'

PLANTING LEGEND:

- EXISTING TREES TO REMAIN
- EXISTING TREELINE
- DECIDUOUS TREES
- DECIDUOUS SHRUBS
- EVERGREEN TREES
- PROPOSED TREELINE

RETENTION / DETENTION PLANTINGS:

- LOWEST ZONE
- MIDDLE ZONE
- HIGHEST ZONE



Date	Description
12/05/08	PER 12/04/08 PLANNING BOARD MEETING
12/01/08	PER TOWN LANDSCAPE ARCHITECT'S COMMENTS
11/14/08	PER TOWN ENGINEER COMMENTS
03/28/07	Date of Origin
	Revisions

ESPOSITO & ASSOCIATES
 262 Greenwich Avenue
 Goshen NY, 10924

STEVEN T. ESPOSITO
 Licensed Landscape Architect
 License No. 001163
 Date: 1/10/08

LANDS OF ZAZON
 TOWN OF NEWBURGH
 Project Title: Tax Map: Sec. ---, Blk. ---, Lot ---

LANDSCAPE PLAN
 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 7203, subdivision 2 of the NY State Educational Law.

Scale: 1" = 50'	Drawing No: 9 of 10	Project No.: 2010101
CAD Reference: 23830P-0462.dwg	O.C.H.D. Sheet No: of	D.E.C. Sheet No.: of

LANDSCAPE NOTES:

- REFER TO PLANTING DETAIL, PLANTING AND GROUNDCOVERS SCHEDULES FOR INSTALLATION OF NEW TREES AND SHRUBS.
- THE CONTRACTOR SHALL TAG AND NUMBER ALL PLANT MATERIAL TO BE RELOCATED. THE CONTRACTOR SHALL FULLY ASSIST AND COORDINATE THIS WORK WITH THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO INITIATING FIELD DIGGING THE TREES.
- LOCATIONS OF RELOCATED PLANT MATERIAL ARE APPROXIMATED ON THE DRAWINGS. EXACT LOCATIONS OF RELOCATED PLANT MATERIAL WILL BE CLARIFIED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE ON SITE.
- THE CONTRACTOR SHALL BEAR ALL COSTS OF TESTING OF SOILS, AMENDMENTS, ETC. ASSOCIATED WITH THE WORK AND INCLUDED IN THE SPECIFICATIONS.
- NEW PLANTING ROOT BALLS REMOVED FROM CANS SHALL BE SCARIFIED PRIOR TO BACKFILLING THE PLANT.
- TYPICALLY, SHRUB AND GROUNDCOVER PLANTINGS ARE SHOWN AS MASS PLANTINGS BEDS. PLANTS SHALL BE PLACED ON A TRIANGULAR SPACING CONFIGURATION (STAGGERED SPACING). PLANT CENTER TO CENTER DIMENSIONS (O.C.) ARE LISTED ON THE PLANT LIST.
- CONTRACTOR SHALL FIELD STAKE THE LOCATIONS OF ALL PLANT MATERIAL PRIOR TO INITIATING INSTALLATION FOR THE REVIEW AND APPROVAL OF THE OWNER'S REPRESENTATIVE AND/OR LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL FIELD ADJUST LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO ALL EXISTING UNDERGROUND UTILITIES AND/OR EXISTING ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.
- SHRUB MASS PLANTINGS ALONG ROADWAYS AND ENTRY LANDSCAPING AREAS TO RECEIVE ADDITIONAL LANDSCAPE AND FLORAL PLANTING CHOSEN BY THE DEVELOPER AND/OR TENANT TO FURTHER ENHANCE AND CUSTOMIZE THE OVERALL APPEARANCE OF THE PROPERTY.
- ALL TREES PLANTED IN LAWN AREA SHALL RECEIVE A 3' DIAMETER MULCH RING AT A DEPTH OF 3" AS PER THE SPECIFICATIONS.
- ALL EXISTING TREES PLANTED IN LAWN AREA SHALL RECEIVE A MINIMUM 5' DIAMETER MULCH RING OR TO THE LIMIT OF THE ADJACENT LAWN AREA AT A DEPTH OF 3" AS PER THE SPECIFICATIONS.
- EXISTING VEGETATION AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE TOPSOILED AND SEEDING UPON COMPLETION OF WORK.
- PLANT LIST QUANTITIES ARE PROVIDED FOR CONVENIENCE IN THE EVENT OF QUANTITY DISCREPANCIES, THE DRAWING SHALL TAKE PRECEDENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANTING DETAILS, PLANT LIST, GENERAL NOTES AND SPECIFICATIONS FOR FURTHER AND COMPLETE INSTRUCTIONS.
- 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, WHICH DO NOT DEVELOP FROM PLANTING STOCK, THAT APPEAR UNHEALTHY OR UNSIGHTLY AND/OR HAVE LOST THEIR NATURAL SHAPE DUE TO DEAD BRANCHES. ANY TREE THAT LOOSES THE MAIN LEADER SHALL BE REPLACED. PLANT MATERIAL SHALL BE INSPECTED BY THE LANDSCAPE ARCHITECTURAL CONSULTANT FOR THE TOWN OF NEWBURGH 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 FROM THE NEXT FOLLOWING GROWING SEASON.
- ALL PLANTINGS SHOWN ON APPROVED SITE DEVELOPMENT PLAN OR SPECIAL PERMIT PLAN SHALL BE MAINTAINED IN A VIGOROUS GROWING CONDITION THROUGHOUT THE DURATION OF USE AND PLANTS NOT SO MAINTAINED SHALL BE REPLACED WITH NEW PLANTS AT THE BEGINNING OF THE NEXT IMMEDIATELY FOLLOWING THE GROWING SEASON.
- ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS FOR NURSERY STOCK SET FORTH BY THE AMERICAN ASSOCIATION OF NURSERYMEN IN THEIR MOST RECENT EDITION.
- ANY DETERMINATION OF "EQUAL" SUBSTITUTION SHALL BE MADE ONLY BY THE LANDSCAPE ARCHITECT.

PLANTING SCHEDULE:

TREES & SHRUBS	SPRING PLANTING	FALL PLANTING
EVERGREEN	APRIL 1 - JUNE 30	SEPT 1 - OCT. 15
DECIDUOUS	MARCH 1 - JUNE 30	OCT. 1 - DEC. 1

PERMANENT SEEDING SCHEDULE:

- TOPSOIL SHALL BE SPREAD TO A COMPACTED UNIFORM THICKNESS OF 6".
- TOPSOIL SURFACE SHALL BE FINELY GRADED AND LOOSENED BY MECHANICAL RAKES TO ENSURE SEED ACCEPTANCE AND SEED TO SOIL CONTACT.
- FERTILIZER SHALL BE APPLIED AT 6 LBS. OF 5-10-10 COMMERCIAL FERTILIZER/1000 SQ. FT.
- SEEDING SHALL BE INSTALLED AT 5 LBS./1000 SQ. FT. OF:
 - 60% KENTUCKY BLUE GRASS
 - 20% CHEWINGS FESCUE
 - 20% PERENNIAL RYE

RETENTION/DETENTION POND PLANTINGS:

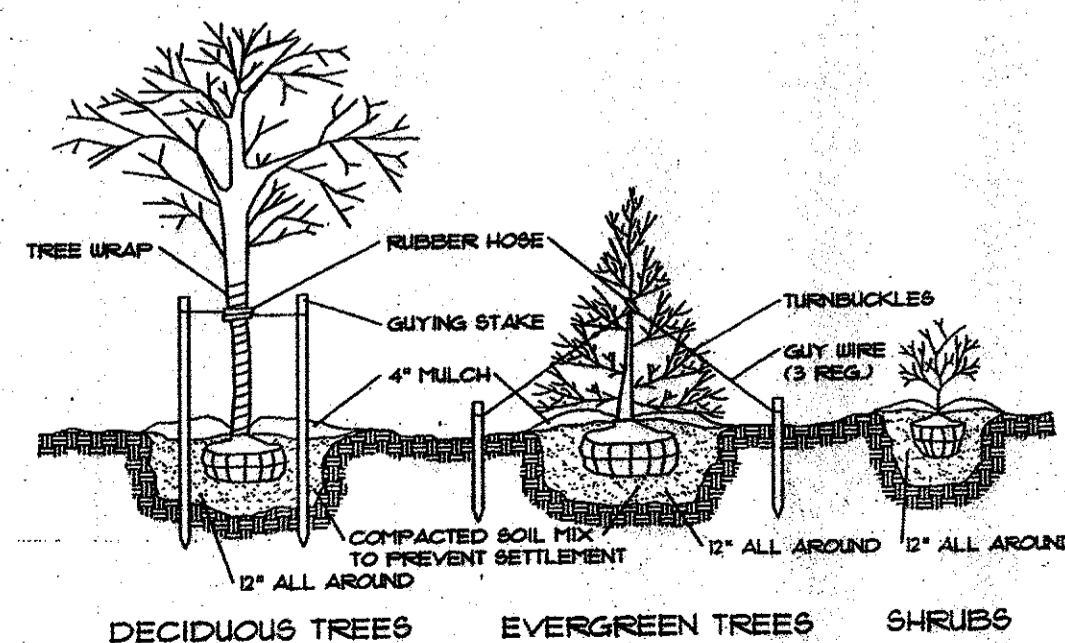
- LOWEST ZONE:**
 - PONTERDERIA CORDATA, PICKELWEED
 - SCIRPUS PUNGENS, COMMON THREE-SQUARE
 - TYPHA SPP., CATTAIL
 - VALLISNERIA AMERICANA, WILD CELERY
- MIDDLE ZONE:**
 - CAREX LACUSTRIS, LAKEBANK SEDGE
 - SAGITTARIA LATIFOLIA, DUCK POTATO
 - SCIRPUS CYPERNUS, WOOL GRASS
 - SCIRPUS VALIDUS, SOFT-STEM BULRUSH
- HIGHEST ZONE:**
 - DESCHAMPSIA CAESPITOSA, TUFTED HAIRGRASS
 - GLYCERIA STRIATA, FOUL MANNAGRASS
 - JUNCUS EFFLUSUS, SOFT RUSH
 - PANICUM VIRGATUM, SWITCH GRASS

RETENTION/DETENTION PLANTING SCHEDULE:

- EACH ZONE CONSISTS OF FOUR SPECIES TO BE PLANTED USING EITHER 1 1/2" 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 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 SQFT.
- 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 AREAS 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



1 PLANTING & GUYING DETAIL
8/9 NTA

PLANTS LIST:

TYPE	KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
Deciduous Trees	Ar	8	Acer rubrum "Red Sunset"	Red Sunset Maple	3"-3-1/2" c	B4B
	Bp	6	Betula nigra	River Birch	14"-16" hgt	B4B
	Cc	10	Cercis canadensis	Eastern Redbud	2-1/2"-3" c	B4B
	Qp	13	Quercus palustris "Sovereign"	Sovereign Pin Oak	3"-3-1/2" c	B4B
Evergreen Trees	Np	20	Picea Abies	Norway Spruce	7' - 8' hgt	B4B
Deciduous Shrubs	Ac	7	Amelanchier canadensis	Shadblow Serviceberry	30"-34"	B4B
	Fi	12	Forsythia x intermedia	Spring Glory Forsythia	34"-36"	B4B
	Iv	43	Ilex verticillata "Red Sprite"	Red Sprite Holly	24"-30"	Container
	Sd	13	Cornus amomium	Silky Dogwood	30"-34"	B4B
	Ss	6	Rhus typhina	Staghorn Sumac	30"-34"	B4B
Vd	18	Viburnum dentatum	Arrowwood Viburnum	30"-34"	Container	
Perennials	Mb	54	Monarda didyma	Oswego Tea	18" oc	1 gal.
Grasses	Cs	72	Carex stipata	Tussock Sedge	18" oc	1 gal.

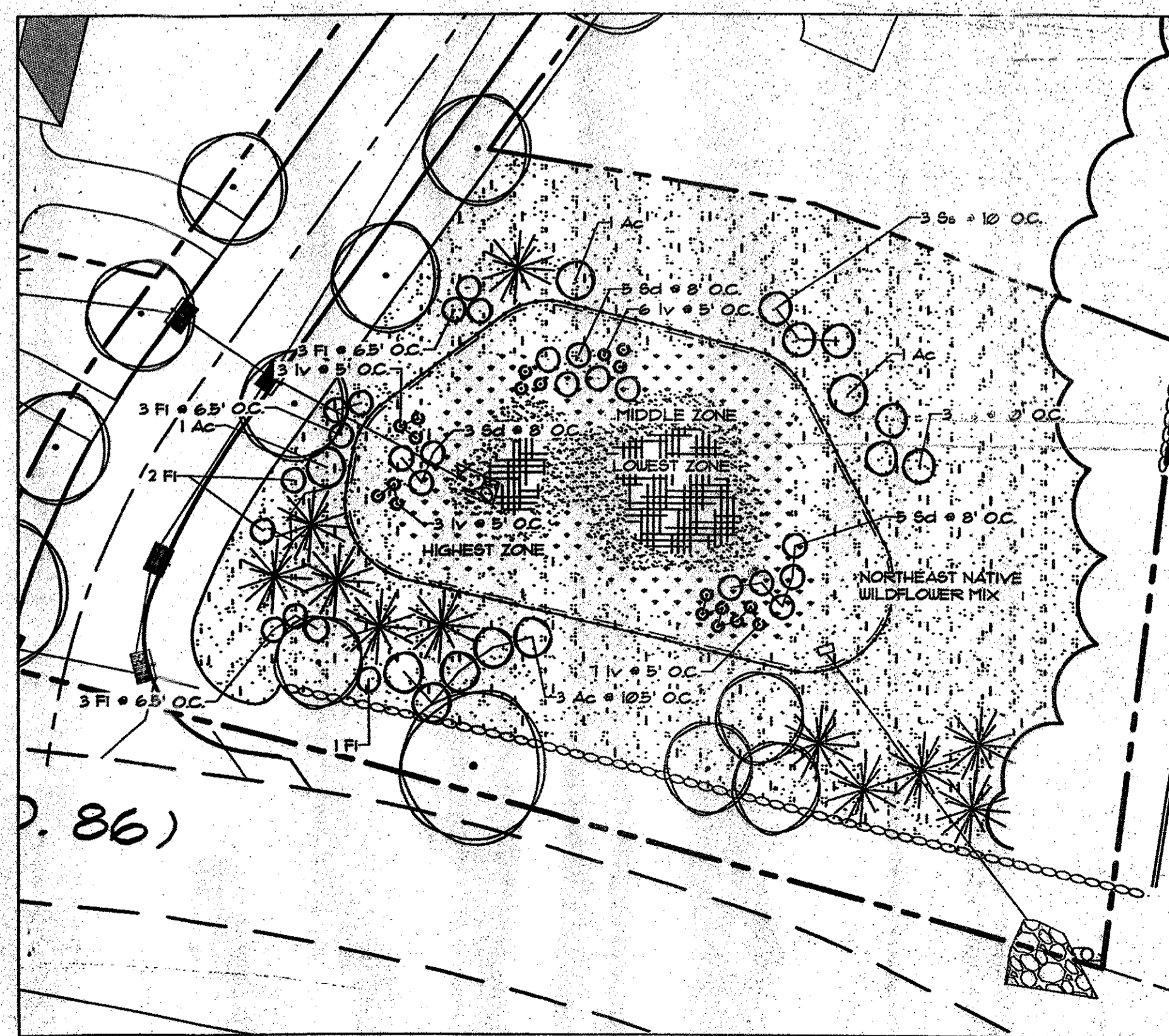
GENERAL NOTES:

- CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN (7) CALENDAR DAYS OF NOTICE TO PROCEED.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES AND OBTAIN AS-BUILT INFORMATION. DRAWINGS WERE PREPARED ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN (7) CALENDAR DAYS OF NOTICE TO PROCEED OF ANY DISCREPANCIES.
- CONTRACTOR SHALL NOTIFY ALL NECESSARY UTILITY COMPANIES 48 HOURS MINIMUM PRIOR TO DIGGING FOR VERIFICATION OF ALL UNDERGROUND UTILITIES AND OTHER OBSTRUCTIONS AND COORDINATE WITH OWNER'S REPRESENTATIVE IN WRITING PRIOR TO INITIATING OPERATIONS.
- FOR DIMENSIONS OF BUILDINGS, SEE ARCHITECTURAL DRAWING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SAFE CONDITIONS AT ALL TIMES.



BEFORE YOU DIG, DRILL OR BLAST!
CALL US TOLL FREE
1-800-962-7962
NY INDUSTRIAL CODE RULE 153 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 1209 (2) OF THE NY'S EDUCATION LAW. THIS DRAWING IS ONE IN A SET OF DRAWINGS AND IS INCOMPLETE AND INVALID WHEN IT IS SEPARATED FROM THE SET.



RETENTION BASIN PLANTINGS

SCALE: 1" = 30'

12/05/08	PER 12/04/08 PLANNING BOARD MEETING
12/01/08	PER TOWN LANDSCAPE ARCHITECT'S COMMENTS
11/14/08	PER TOWN ENGINEER'S COMMENTS
09/28/07	Date of Origin
Date	Description
Revisions	
ESPOSITO & ASSOCIATES	
262 Greenwich Avenue Goshen, NY, 10924	
LANDS OF ZAZON TOWN OF NEWBURGH	
Project Title:	Tax Map: Sec. --, Blk. --, Lot --
LANDSCAPE DETAILS	
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 1209, subdivision 2 of the NY State Educational Law.	
Scale: 1" = 30'	Project No.: 2010101
CAD Reference: -----.dwg	DEC. Sheet No.: of