



CONSULTING ENGINEERS, D.P.C.

MICHAEL J. LAMOREAUX, P.E. (NY, NJ, PA, VT, VA & CT)
MICHAEL W. WEEKS, P.E. (NY, NJ & PA)
LYLE R. SHUTE, P.E., LEED-AP (NY, NJ, PA)
PATRICK J. HINES

Main Office
33 Airport Center Drive
Suite 202
New Windsor, New York 12553

(845) 567-3100
fax: (845) 567-3232
e-mail: mheny@mhepc.com

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

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

PROJECT: LANDS OF JAN KADNAR
PROJECT NO.: 20-09
PROJECT LOCATION: SECTION 6, BLOCK 1, LOT 10.5
REVIEW DATE: 11 DECEMBER 2020
MEETING DATE: 17 DECEMBER 2020
PROJECT REPRESENTATIVE: VINCENT J. DOCE ASSOCIATES

1. The project as designed will permit access to three lots from a common driveway. The large balance parcel contains a note identifying “not a building lot at this time”. Any approvals of the parent parcel will require review and approval by the Planning Board at which time the access will be addressed.
2. The project has received required variances from the ZBA.

Respectfully submitted,

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

Patrick J. Hines
Principal

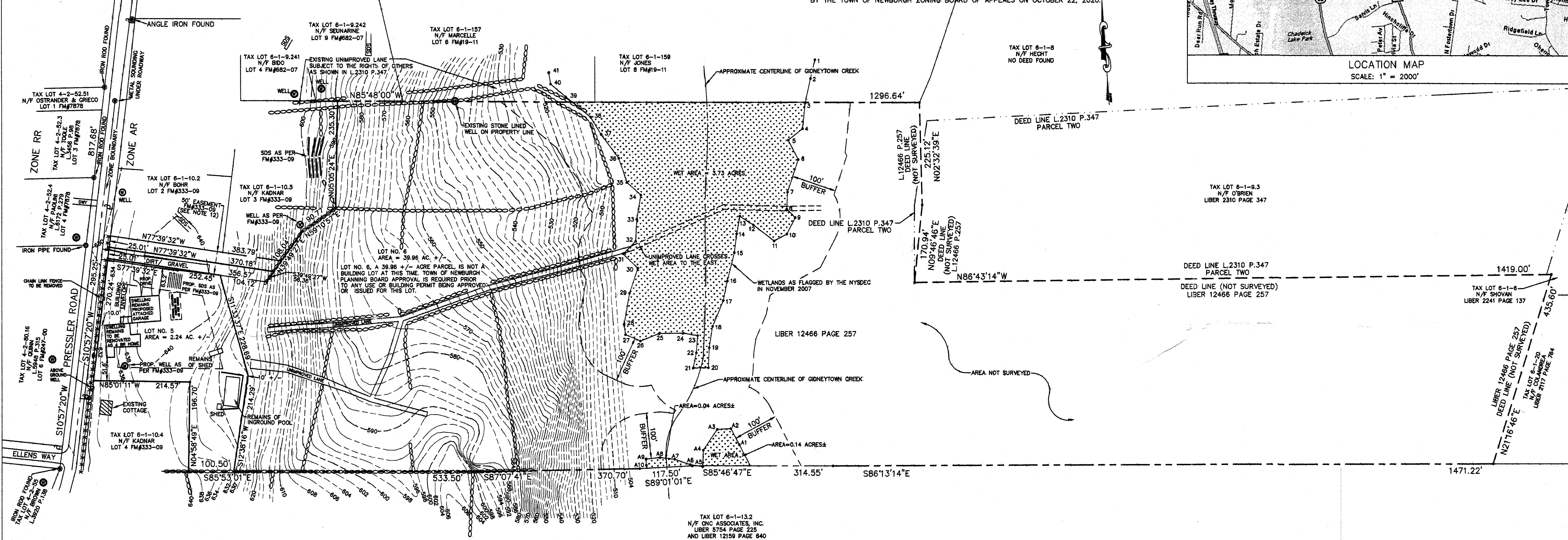
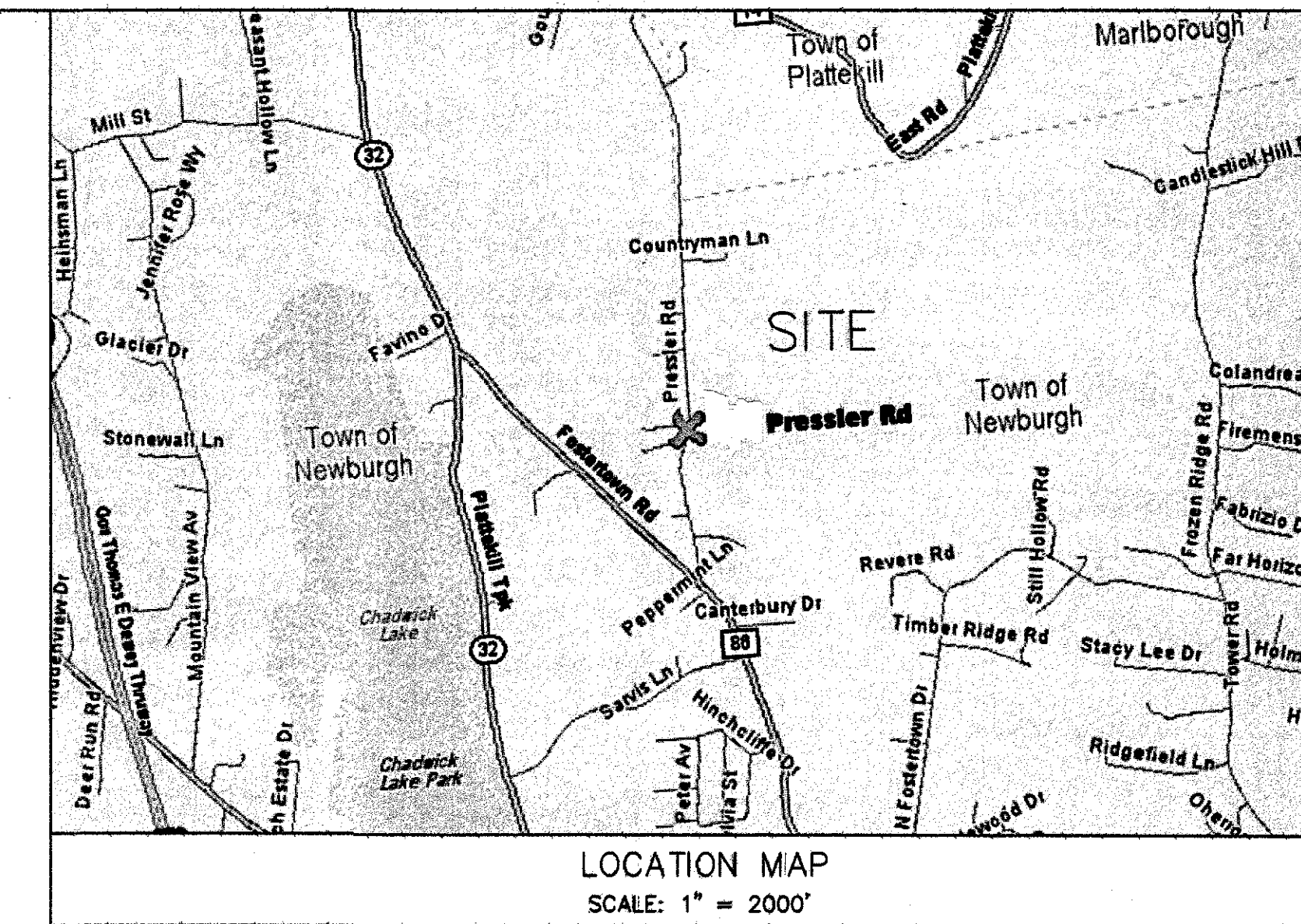
PJH/kbw

NOTES:

- OWNER/APPLICANT: JAN KADNAR
501 STAGE ROAD
MONROE, NEW YORK 10950
- LOCATION OF SITE: 275 PRESSLER ROAD
WALKKILL, NEW YORK 12589
- TAX LOT : SECTION 6 BLOCK 1 LOT 10.5
- TOTAL PARCEL AREA = 42.20 AC +/-
- ZONE : AR
- NUMBER OF EXISTING LOTS : 1
- NUMBER OF PROPOSED LOTS : 2
- THE BOUNDARY AND TOPOGRAPHICAL SURVEY SHOWN HEREON IS THE RESULT OF AN ACTUAL FIELD SURVEY COMPLETED BY DARREN J. STRIDIRON, P.L.S. ON DECEMBER 4, 2007. THE SUBDIVISION SHOWN IS BASED ON SAID SURVEY.
- LOT NO. 6, A 39.96 AC. +/- PARCEL IS NOT A BUILDING LOT AT THIS TIME. TOWN OF NEWBURGH PLANNING BOARD APPROVAL IS REQUIRED PRIOR TO ANY USE OR BUILDING PERMIT BEING APPROVED/ISSUED FOR THIS LOT.
- WELL AND SDS LOCATIONS ON SBL 6-1-9.241, SBL 6-1-9.242 AND SBL 6-1-10.2 AS PER TOWN OF NEWBURGH CODE COMPLIANCE DEPARTMENT RECORDS.
- DWELLING REMAINS LOCATED ON LOT NO. 5 TO BE RENOVATED TO A 4 BR HOME AS PER FILED MAP NO. 333-09.
- LOT NO. 5, LOT NO. 6 AND SBL 6-1-10.3 SHALL HAVE RIGHTS OF INGRESS AND EGRESS, AS WELL AS THE RIGHTS TO PLACE UTILITIES, OVER THE 50-FOOT EASEMENT.
- TAX PARCEL SECTION 6 BLOCK 1 LOT 10.5 IS LOT NO. 5 AS SHOWN ON A MAP ENTITLED "SUBDIVISION PLAT LANDS OF JAN KADNAR LOCATED AT SECTION 6 BLOCK 1 LOT 10 TOWN OF NEWBURGH COUNTY OF ORANGE, NEW YORK," DATED APRIL 16, 2009, LAST REVISED AUGUST 9, 2009 AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE SEPTEMBER 17, 2009 AS MAP NO. 333-09.
- UNAUTHORIZED ALTERATION OR ADDITION TO A MAP BEARING A LICENSED PROFESSIONAL'S SEAL IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.
- THE CONTRACTOR MUST NOTIFY THE UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION (1-800-962-7962) TO HAVE ANY EXISTING UTILITIES LOCATED AND MARKED AT LEAST TWO FULL WORKING DAYS PRIOR TO ANY EXCAVATION, DRILLING OR BLASTING. NON-MEMBER UTILITIES MUST BE CONTACTED SEPARATELY.
- IT IS THE DEVELOPER'S OR CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY NECESSARY PERMITS REQUIRED FROM FEDERAL, STATE OR LOCAL AUTHORITIES.

REGULATION	BULK TABLE	
	MINIMUM REQUIRED	MINIMUM PROPOSED
LOT AREA	40,000 S.F.	2.24 AC. +/- 39.96 AC. +/-
LOT WIDTH	150 FEET	288 FT. +/- 815 FT. +/-
LOT DEPTH	150 FEET	300 FT. +/- 1296 FT. +/-
FRONT YARD	50 FEET	10.0 FT. +/- 50 FT.
REAR YARD	50 FEET	142.9 FT. +/- 50 FT.
ONE SIDE YARD	30 FEET	51.6 FT. +/- 30 FT.
BOTH SIDE YARDS	80 FEET	114.8 FT. +/- 80 FT.
	MAXIMUM PERMITTED	MAXIMUM PROPOSED
LOT BUILDING COVERAGE	10%	8%
BUILDING HEIGHT	35 FEET	35 FEET
LOT SURFACE COVERAGE	20%	10%

* A VARIANCE WAS GRANTED FOR LOT 5 FOR FRONT YARD SETBACK (10.0 FEET), BY THE TOWN OF NEWBURGH ZONING BOARD OF APPEALS ON OCTOBER 22, 2020.



LEGEND

	--- DENOTES EXISTING CONTOUR LINE
	○ DENOTES EXISTING UTILITY POLE
	--- DENOTES EXISTING OVERHEAD WIRES
	● DENOTES WELL
	○ DENOTES EXISTING STONE WALL

OWNER'S CONSENT

I, JAN KADNAR, OWNER OF 275 PRESSLER ROAD, HAVE REVIEWED THE SUBDIVISION PLANS AND CONCUR WITH ALL ITEMS THEREON.

OWNER	DATE	DATE	REVISION
		10/26/2020	ZBA APPROVAL DATE, PLANNING BOARD 8/6/2020 COMMENTS

HERITAGE LAND SURVEYING, P.C.

P.O. BOX 576, PLATEKILL, NEW YORK 12566
 TEL: (845)562-4148, FAX: (845)562-4148, e-mail: heritageurvey@hotmail.com

I HEREBY CERTIFY THAT THE BOUNDARY AND TOPOGRAPHICAL SURVEY SHOWN HEREON IS THE RESULT OF AN ACTUAL FIELD SURVEY COMPLETED ON DECEMBER 4, 2007.

JAN KADNAR
TOWN OF NEWBURGH PLANNING BOARD

I HEREBY CERTIFY THAT:
 THIS MAP OR PLAT IS BASED UPON THE FIELD NOTES OF THE SURVEY AND OTHER REFERENCES SHOWN.
 ALL RECORDED EASEMENTS OR RIGHTS-OF-WAY AS SHOWN IN THE TITLE REPORT AND OTHER REFERENCES ARE SHOWN.
 ALL OBSERVABLE EVIDENCE OF EASEMENTS ON THE GROUND ARE SHOWN.
 ALL OBSERVABLE, ABOVE GROUND EVIDENCE OF BUILDINGS, STRUCTURES AND OTHER IMPROVEMENTS ARE SHOWN.

UNAUTHORIZED ALTERATION TO A MAP BEARING A LICENSED PROFESSIONAL LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
 THIS CERTIFICATION IS NOT AN EXPRESS OR IMPLIED WARRANTY OR GUARANTEE. IT IS PURELY A STATEMENT OF PROFESSIONAL OPINION BASED ON KNOWLEDGE, INFORMATION AND BELIEF, BASED ON EXISTING FIELD EVIDENCE AND DOCUMENTARY EVIDENCE AVAILABLE.
 CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
 PLAN PREPARED PURSUANT TO SECTION 7209m OF THE NEW YORK STATE EDUCATION LAW.
 SUBJECT TO THE FINDINGS OF AN UP-TO-DATE TITLE SEARCH.

DARREN J. STRIDIRON, PROFESSIONAL LAND SURVEYOR
 NEW YORK STATE LICENSE No. 050487

SHEET 1 OF 3 IS INVALID UNLESS ACCOMPANIED BY SHEET 2 OF 3 AND SHEET 3 OF 3.

SUBDIVISION PLAN
 LANDS OF
 JAN KADNAR
 275 PRESSLER ROAD, TOWN OF NEWBURGH
 ORANGE COUNTY, NEW YORK
 DATE: JUNE 17, 2020 SCALE: 1 IN. = 100 FT.

PREPARED BY:
 VINCENT J. DOCE ASSOCIATES
 ENGINEERS - LAND SURVEYORS - PLANNERS
 242 SOUTH PLANK ROAD, NEWBURGH, NY 12550
 TEL 845 561-1170 EMAIL DDOCE12@HOTMAIL.COM

SHEET 1 OF 3

DATE: MARCH 23, 2009

TEST HOLE 5A
(LOT NO. 5)

DEPTH: 27'

RUN	TIME
1	2 MIN.
2	2 MIN.
3	3 MIN.
4	3 MIN.
5	3 MIN.

TEST HOLE 5B
(LOT NO. 5)

DEPTH: 24'

RUN	TIME
1	10 MIN.
2	11 MIN.
3	12 MIN.
4	14 MIN.
5	15 MIN.
6	15 MIN.

TEST PIT DATA:

DATE: MARCH 25, 2009

TEST HOLE (LOT NO. 5)

0'-0" TO 0'-8" TOPSOIL

0'-8" TO 3'-9" SILT LOAM

3'-9" TO 4'-6" LOAM WITH SHALE FRAGMENTS

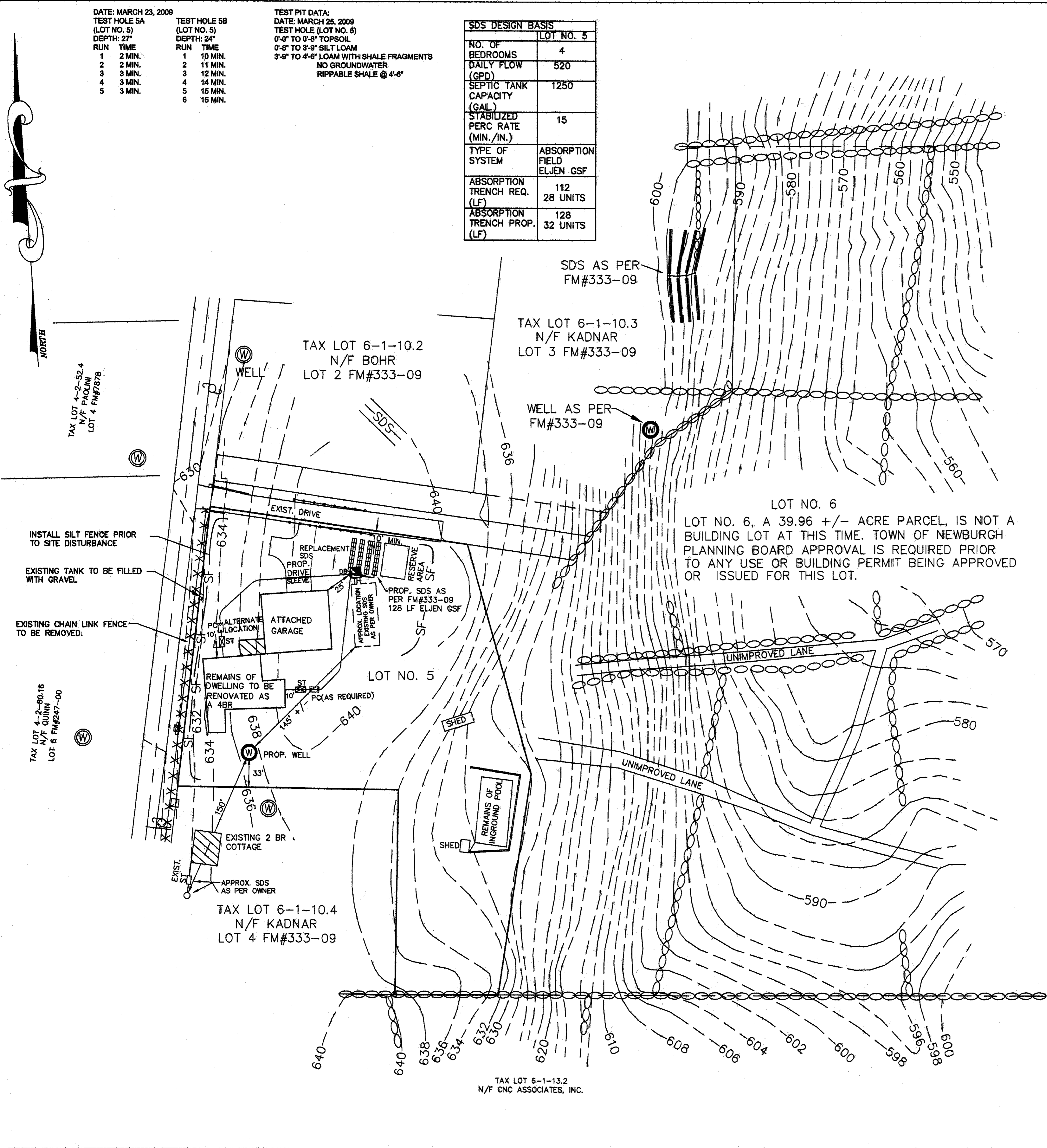
NO GROUNDWATER

RIPPABLE SHALE @ 4'-8"

SDS DESIGN BASIS	
	LOT NO. 5
NO. OF BEDROOMS	4
DAILY FLOW (GPD)	520
SEPTIC TANK CAPACITY (GAL.)	1250
STABILIZED PERC RATE (MIN./IN.)	15
TYPE OF SYSTEM	ABSORPTION FIELD ELJEN GSF
ABSORPTION TRENCH REQ. (LF)	112
ABSORPTION TRENCH PROP. (LF)	28 UNITS
ABSORPTION TRENCH PROP. (LF)	128
ABSORPTION TRENCH PROP. (LF)	32 UNITS

SANITARY FACILITIES NOTES:

- THE DESIGN AND LOCATION OF SANITARY FACILITIES (WATER AND SEWER SYSTEMS) SHALL NOT BE CHANGED. THIS DESIGN AND CONSTRUCTION REQUIREMENTS COMPLIES WITH APPENDIX 75-A AND LOCAL HEALTH DEPARTMENT REGULATIONS.
- ALL WORK DONE IN THE CONSTRUCTION OF THE SANITARY FACILITIES IS TO BE DONE UNDER THE SUPERVISION AND APPROVAL OF A NYS LICENSED PROFESSIONAL ENGINEER.
- ALL MATERIALS USED IN THE CONSTRUCTION OF THE SANITARY FACILITIES ARE TO BE APPROVED BY THE GOVERNMENT AGENCIES HAVING JURISDICTION AND THE SUPERVISING NYS LICENSED PROFESSIONAL ENGINEER.
- THE CONTRACTOR SHALL ENSURE INSTALLATION AS PER SPECIFICATIONS.
- PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY FOR ANY SEWAGE DISPOSAL SYSTEM, THE TOWN OF NEWBURGH BUILDING INSPECTOR MUST RECEIVE AN "AS-BUILT" PLAN FOR SUCH SYSTEM CERTIFIED BY A NYS LICENSED PROFESSIONAL ENGINEER AS SET FORTH IN ARTICLE IV OF APPENDIX I SECTION 4 OF THE TOWN OF NEWBURGH MUNICIPAL CODE.
- THE CONTRACTOR SHALL CONTACT THE NYS LICENSED PROFESSIONAL ENGINEER PRIOR TO CONSTRUCTION OF THE SANITARY FACILITIES TO MAKE ARRANGEMENTS FOR INSPECTIONS AND TESTING.
- HEAVY EQUIPMENT SHALL BE KEPT OFF OF THE ABSORPTION FIELD AREA EXCEPT DURING ACTUAL CONSTRUCTION. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING OR AFTER CONSTRUCTION SO AS TO AVOID ANY UNDUE COMPACTION THAT COULD RESULT IN A CHANGE OF ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED.
- ABSORPTION TRENCHES SHALL NOT BE CONSTRUCTED IN FROZEN GROUND OR WET SOIL.
- NO SWIMMING POOLS, DRIVEWAYS, PARKING AREAS OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL BE LOCATED OVER OR WITHIN TEN FEET OF ANY PORTION OF THE ABSORPTION FIELD OR RESERVE AREA.
- DO NOT ALLOW CELLAR, ROOF OR FOOTING DRAINS TO DISCHARGE OVER THE ABSORPTION FIELD OR RESERVE AREA.
- CELLAR, ROOF AND FOOTING DRAINS SHALL NOT BE CONNECTED TO THE SEWAGE DISPOSAL SYSTEM.
- SURFACE WATER IS TO BE DIVERTED AWAY FROM THE ABSORPTION FIELD.
- THERE SHALL BE NO REGRADING, EXCEPT AS SHOWN ON THE APPROVED PLANS, IN THE AREA OF THE ABSORPTION FIELD OR RESERVE AREA.
- WATER SAVING PLUMBING FIXTURES SHALL BE USED.
- THE SYSTEMS ARE NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS, JACUZZI TYPE SPA TUBS OVER 100 GALLONS OR WATER CONDITIONERS, AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SYSTEM IS REDESIGNED TO ACCOUNT FOR THEM, AND REAPPROVED BY THE GOVERNMENT AGENCIES HAVING JURISDICTION.
- ALL SEWER LINES SHALL BE INSTALLED HAVING THE FOLLOWING MINIMUM SLOPES: 1/4"/FT FROM THE BUILDING TO THE SEPTIC TANK, 1/8"/FT FROM THE SEPTIC TANK TO THE POINT OF DISTRIBUTION, AND 1/16"/FT TO 1/32"/FT FOR LATERALS. DOSED LATERALS SHALL BE SET LEVEL.
- THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE BUILDING, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.
- THE SEPTIC TANK AND DISTRIBUTION BOX SHALL BE PRE-CAST CONCRETE.
- 4" ID CAST IRON OR SCHEDULE 80 PVC PIPE SHALL BE USED BETWEEN THE BUILDING AND THE SEPTIC TANK. 4" ID SOLID TIGHT JOINT PVC SHALL BE USED BETWEEN THE SEPTIC TANK AND POINTS OF DISTRIBUTION. 4" ID PERFORATED PVC PIPE TO BE USED FOR LATERALS WITH THE PERFORATIONS FACING DOWN. LATERALS SHALL BE SOLID WALL PVC FOR A DISTANCE OF TWO FEET FROM THE DISTRIBUTION BOX.
- IF A WELL IS UPGRADE OF AN ABSORPTION FIELD, THE SEPARATION BETWEEN THE WELL AND THE ABSORPTION FIELD SHALL BE 100 FEET MINIMUM. IF THE WELL IS DOWNGRADE AND IN THE GENERAL DRAINAGE PATH OF AN ABSORPTION FIELD, THE SEPARATION SHALL BE 200 FEET MINIMUM.
- THE OWNER/APPLICANT SHALL BE PROVIDED WITH A COPY OF THE APPROVED PLANS AND AN ACCURATE "AS-BUILT DRAWING OF ANY INSTALLED SANITARY FACILITIES.
- THE SEPTIC TANK SHALL BE INSPECTED PERIODICALLY AND PUMPED EVERY 2 TO 3 YEARS.
- THE DISTRIBUTION BOX SHALL BE INSPECTED PERIODICALLY TO ASSURE THAT IT IS LEVEL AND OPERATING PROPERLY.
- THE WELL SHALL BE TESTED IN ACCORDANCE WITH NEW YORK STATE DEPARTMENT OF HEALTH FACT SHEET #3 "RECOMMENDED RESIDENTIAL WATER QUALITY TESTING."
- ALTHOUGH THERE ARE NO NEW YORK STATE REGULATIONS REGARDING MAINTENANCE OF WELLS, PERIODIC TESTING OF WELL WATER (A MINIMUM OF YEARLY) IS RECOMMENDED.
- IF AN EXISTING WELL IS ENCOUNTERED DURING CONSTRUCTION, IT SHALL BE ABANDONED IN ACCORDANCE WITH NEW YORK STATE DEPARTMENT OF HEALTH - FACT SHEET #4 "DECOMMISSIONING ABANDONED WELLS" AND ALL APPLICABLE AWWA STANDARDS.
- ELJEN B43 GSF SYSTEM NOTES:
 - THIS ELJEN B43 GSF SYSTEM DESIGN COMPLIES WITH AND MUST BE INSTALLED IN ACCORDANCE WITH THE MOST CURRENT ELJEN NEW YORK STATE DESIGN AND INSTALLATION MANUAL.
 - ASTM C33 SPECIFIED SAND WITH LESS THAN 10% PASSING THE NO. 100 SIEVE AND LESS THAN 5% PASSING THE NO. 200 SIEVE SHALL BE PLACED BELOW AND AROUND THE GSF MODULES, WITH 6" MINIMUM UNDERNEATH AND 6" MINIMUM SURROUNDING THE GSF MODULES IN TRENCH CONFIGURATIONS.
 - USE ONLY THE ELJEN SUPPLIED GEOTEXTILE COVER FABRIC. COVER FABRIC SUBSTITUTION IS NOT ALLOWED. ELJEN PROVIDED GEOTEXTILE COVER FABRIC SHALL PROVIDE PROPER TENSION AND ORIENTATION OF THE FABRIC AROUND THE SIDES OF THE PERFORATED PIPE ON TOP OF THE GSF MODULES. FABRIC SHALL BE NEITHER TOO LOOSE, NOR TOO TIGHT. THE CORRECT TENSION OF THE COVER FABRIC IS SET BY:
 - SPREADING THE COVER FABRIC OVER THE TOP OF THE MODULE AND DOWN BOTH SIDES OF THE MODULE WITH THE COVER FABRIC TENTED OVER THE TOP OF THE PERFORATED DISTRIBUTION PIPE.
 - PLACE SHOVELFULS OF SPECIFIED SAND DIRECTLY OVER THE PIPE AREA ALLOWING THE COVER FABRIC TO FORM A MOSTLY VERTICAL ORIENTATION ALONG THE SIDES OF THE PIPE. REPEAT THIS STEP MOVING DOWN THE PIPE.
 - BACKFILL MATERIAL SHALL BE CLEAN WITH NO ROOTS OR STONES LARGER THAN 2" IN ANY DIMENSION TO A MINIMUM DEPTH OF 8" OVER THE GSF MODULES AND FINAL COVER FOR VEGETATION OF 4" TO 6" OF CLEAN LOAM.
 - ANY SYSTEM WHICH IS MORE THAN 18" BELOW FINISHED GRADE AS MEASURED FROM THE TOP OF THE MODULE SHALL BE VENTED.



LOT NO. 6
 LOT NO. 6, A 39.96 +/- ACRE PARCEL, IS NOT A BUILDING LOT AT THIS TIME. TOWN OF NEWBURGH PLANNING BOARD APPROVAL IS REQUIRED PRIOR TO ANY USE OR BUILDING PERMIT BEING APPROVED OR ISSUED FOR THIS LOT.

LEGEND

---	--- DENOTES EXISTING CONTOUR LINE
○	○ DENOTES EXISTING UTILITY POLE
—	— DENOTES EXISTING OVERHEAD WIRES
⊙	⊙ DENOTES EXISTING WELL
⊙	⊙ DENOTES EXISTING STONE WALL
⊙	⊙ DENOTES PROPOSED WELL
⊙	⊙ DENOTES PROPOSED SEPTIC TANK
⊙	⊙ DENOTES PROPOSED DISTRIBUTION BOX
⊙	⊙ DENOTES PROPOSED SANITARY CLEANOUT
⊙	⊙ DENOTES TEST HOLE LOCATIONS
—	— DENOTES SILT FENCE
▨	▨ DENOTES STABILIZED CONSTRUCTION ENTRANCE
▨	▨ DENOTES PROPOSED SANITARY DISPOSAL SYSTEM

SHEET 2 OF 3 IS INVALID UNLESS ACCOMPANIED BY SHEET 1 OF 3 AND SHEET 3 OF 3.

UNAUTHORIZED ALTERATION OR ADDITION TO A MAP BEARING A LICENSED PROFESSIONAL'S SEAL IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.

ENGINEER'S CERTIFICATION:
 I HEREBY CERTIFY TO THE TOWN OF NEWBURGH THAT THE SEWAGE DISPOSAL SYSTEMS DEPICTED ON THIS PLAN HAVE BEEN DESIGNED IN ACCORDANCE WITH THE NEW YORK STATE PUBLIC HEALTH LAW AND ALL REGULATIONS PROMULGATED THEREUNDER.

COUNTY CERTIFICATION:
 THE PROPOSED SEWAGE DISPOSAL SYSTEMS AND WATER SUPPLY SYSTEMS SHOWN ARE DESIGNED IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS ESTABLISHED BY THE NYS DEPT. OF HEALTH AND THE NYS DEPT. OF ENVIRONMENTAL CONSERVATION FOR RESIDENTIAL LOTS. THE DESIGN IS BASED ON THE ACTUAL SOIL CONDITIONS FOUND UPON THE LOT AT THE DESIGN LOCATION AT THE TIME OF DESIGN.

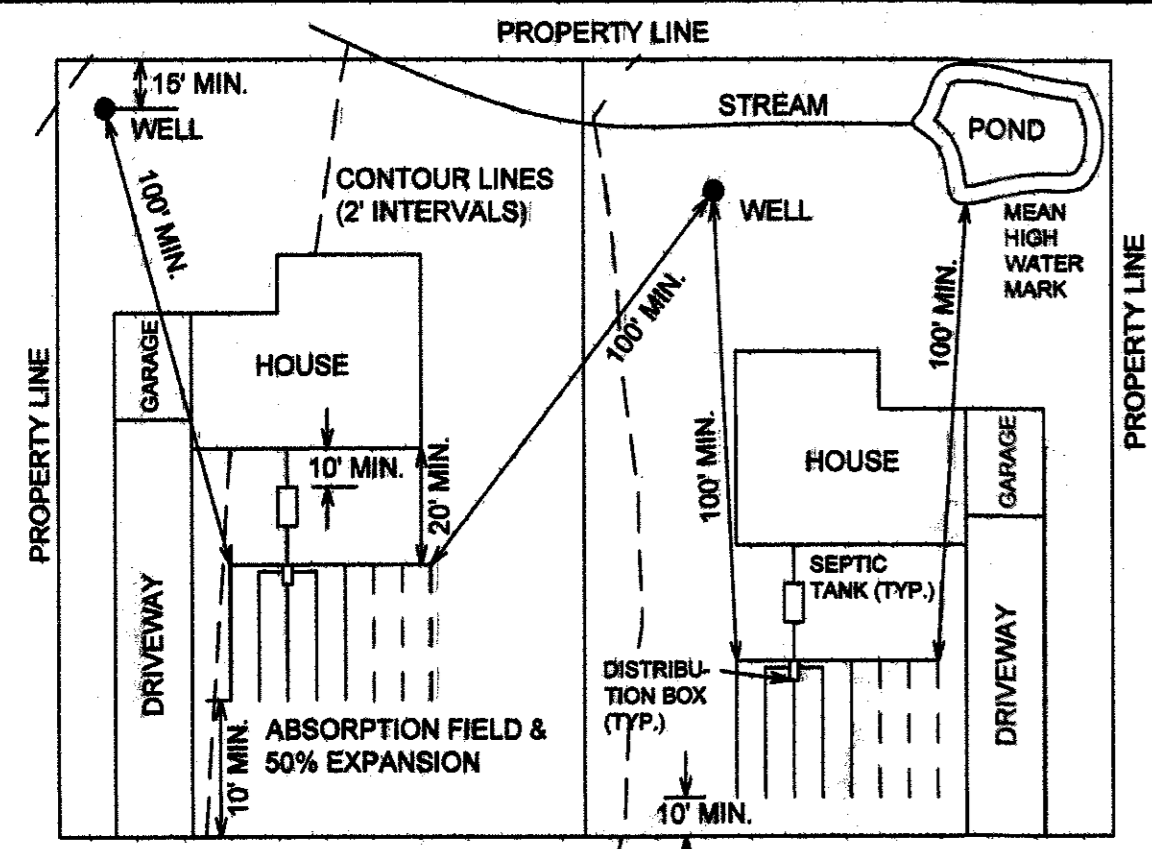
VINCENT J. DOCE ASSOCIATES
 242 SOUTH PLANK ROAD, NEWBURGH, NEW YORK 12550
 TEL (845)561-1170 EMAIL DDOCE12@GMAIL.COM

SANITARY FACILITIES DESIGN PLAN

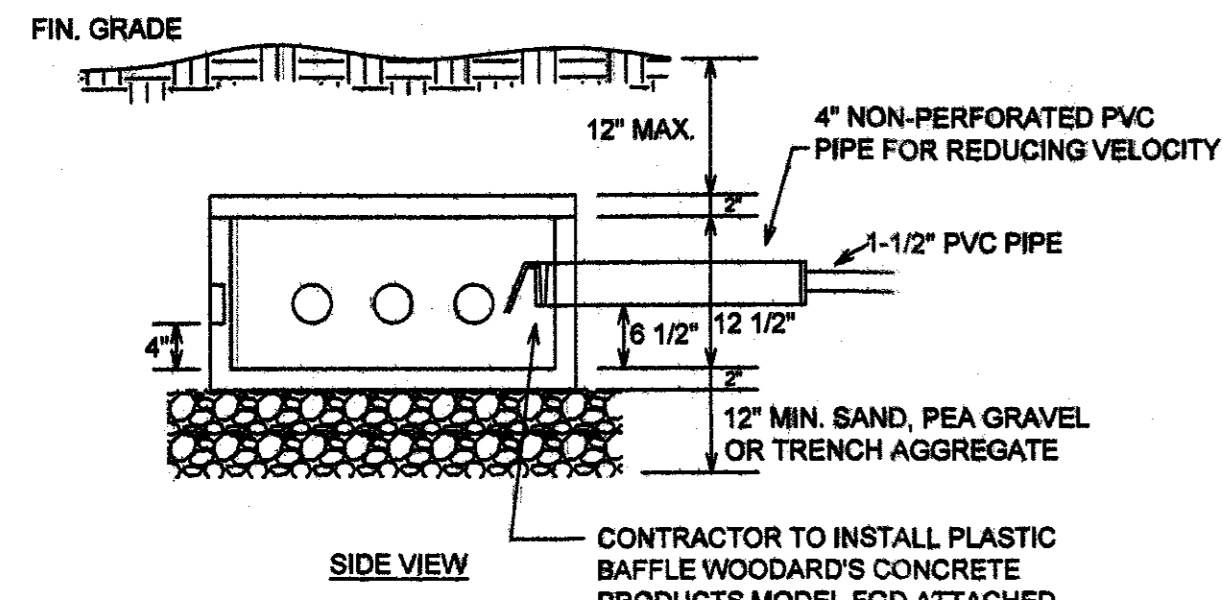
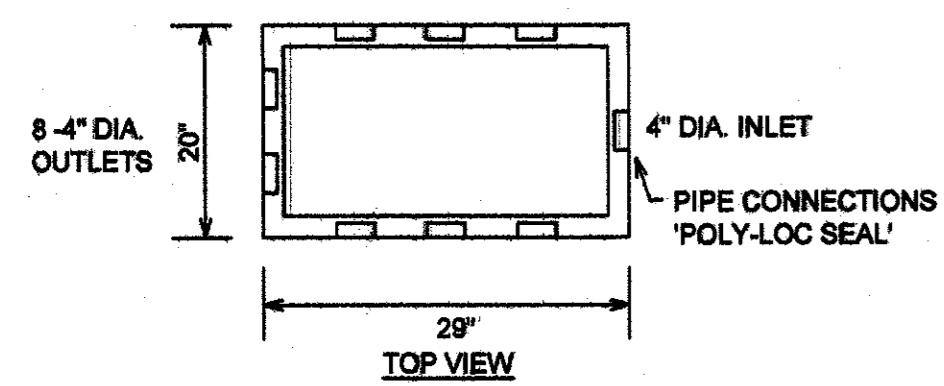
LANDS OF KADNAR
 LOCATED AT
 SECTION 6 BLOCK 1 LOT 10.5
 TOWN OF NEWBURGH
 COUNTY OF ORANGE, NEW YORK

DATE: 6/17/2020
 SCALE: 1" = 50'

SHEET 2 OF 3

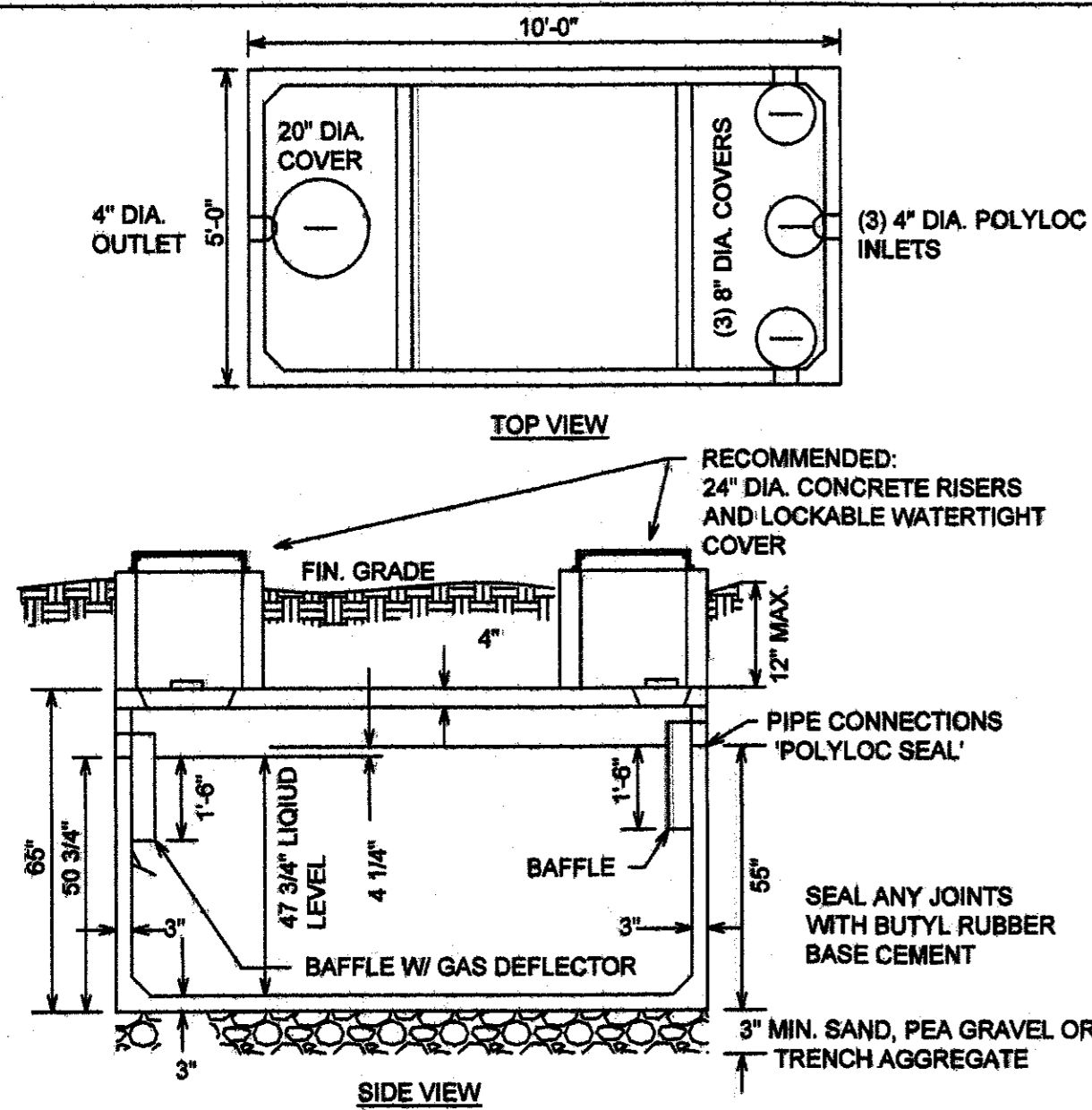


SEPARATION DETAIL
NOT TO SCALE

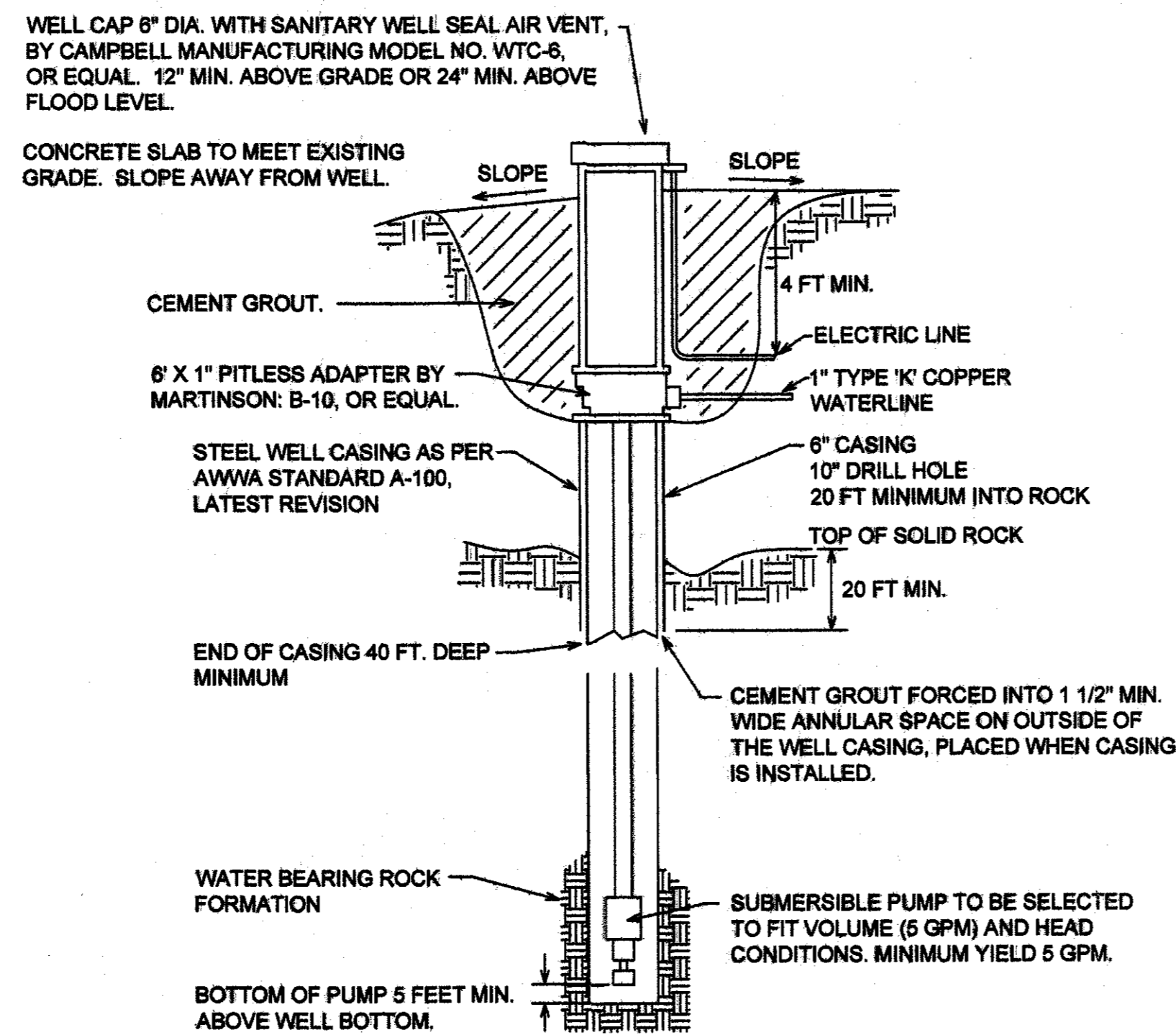


DISTRIBUTION BOX DETAIL
LOT NO. 7
NOT TO SCALE

- DISTRIBUTION BOX TO BE PRE-CAST CONCRETE MODEL NO. DB-9 BY WOODARD'S CONCRETE PRODUCTS, OR EQUAL.
- A BAFFLE IS TO BE INSTALLED IN THE DISTRIBUTION BOX. THE BAFFLE SHALL BE A PLASTIC BAFFLE MODEL FGD BY WOODARD'S CONCRETE PRODUCTS, OR EQUAL, INSTALLED BY THE CONTRACTOR ON-SITE.
- ALL OUTLET INVERTS ARE TO BE AT THE SAME ELEVATION. FLOW EQUALIZERS ARE REQUIRED.
- THE FIRST 10 FEET OF ALL OUTLET PIPES ARE TO BE SET AT IDENTICAL SLOPES.
- ALL UNUSED OUTLETS ARE TO REMAIN PLUGGED.
- OUTLETS SHALL BE UTILIZED IN A MANNER THAT WILL ALLOW ACCESS TO THE EXPANSION AREA WITHOUT DISTURBING THE EXISTING PIPING.
- LATERALS SHALL BE SOILD WALL PVC FOR A DISTANCE OF 2 FEET (MIN.) FROM THE DISTRIBUTION BOX
- ALL PVC FITTINGS SHALL BE GASKETED OR SOLVENT WELDED.

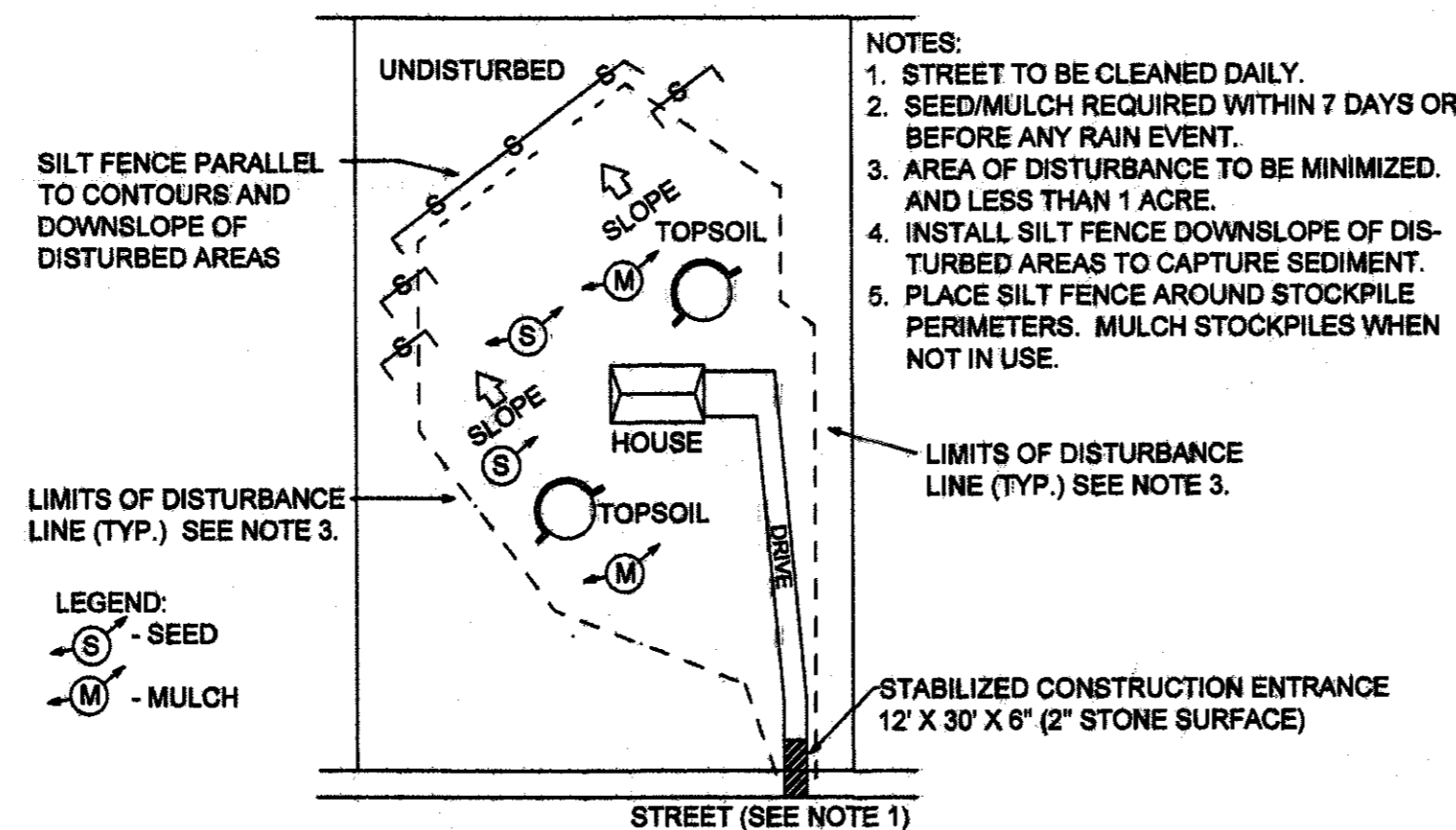


SEPTIC TANK DETAIL
NOT TO SCALE

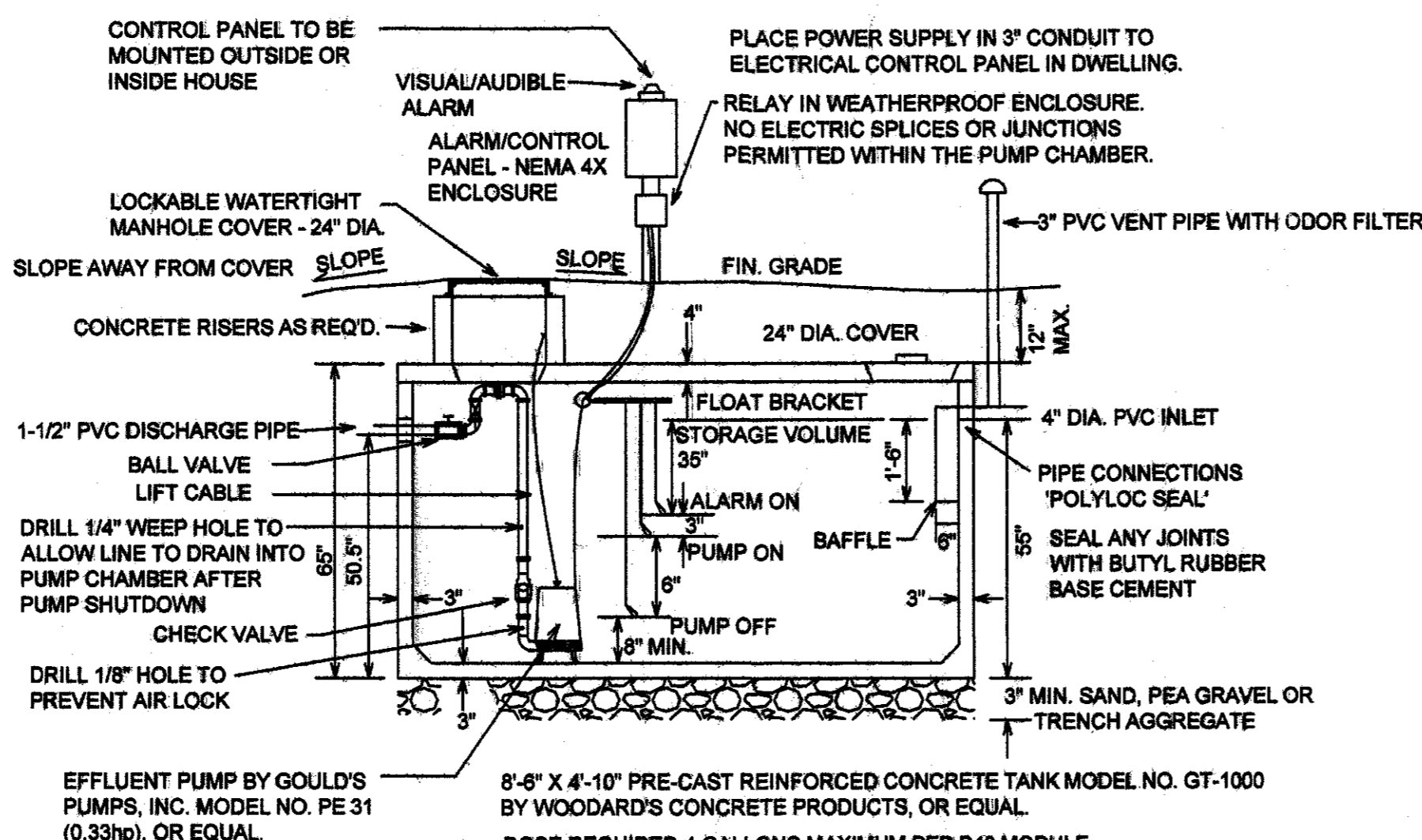


WELL DETAIL
NOT TO SCALE

- NOTES:
- WELL TO BE CONSTRUCTED IN ACCORDANCE WITH 'NYSDOH APPENDIX 5-B; STANDARDS FOR WATER WELLS, LATEST EDITION.
 - THE WELL SHALL BE TESTED IN ACCORDANCE TO NEW YORK STATE DEPARTMENT OF HEALTH - FACT SHEET #3 "RECOMMENDED RESIDENTIAL WATER QUALITY TESTING."



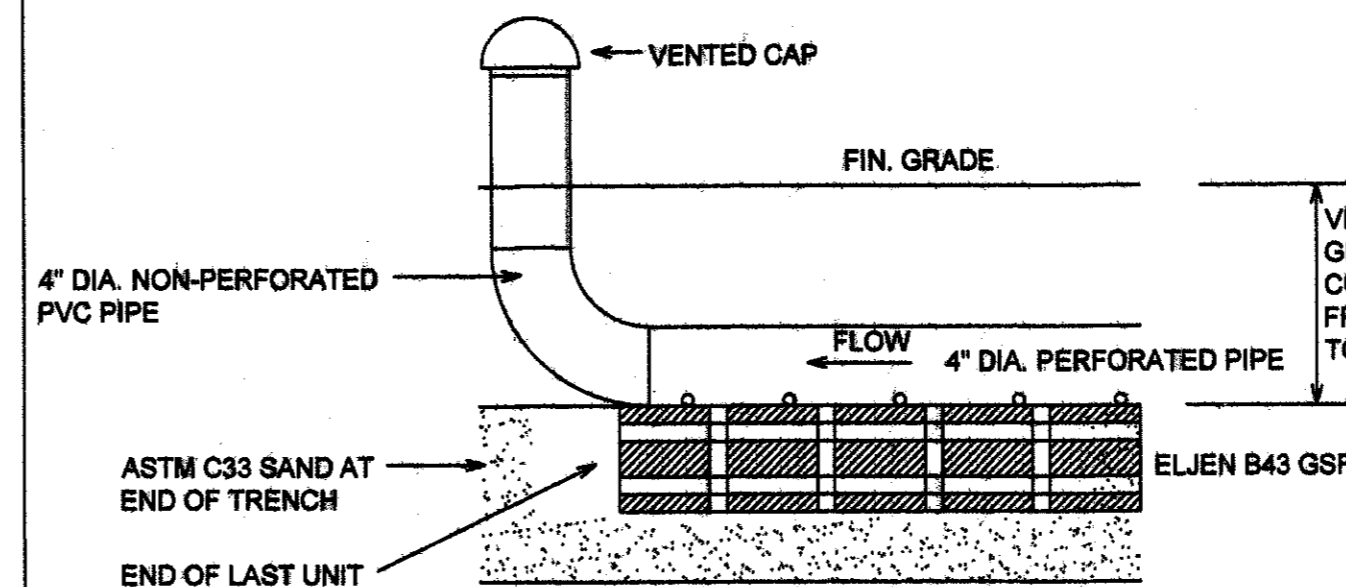
TYPICAL LOT EROSION & SEDIMENT CONTROL DETAIL
NOT TO SCALE



PUMP CHAMBER DETAIL
NOT TO SCALE
USE AS REQUIRED

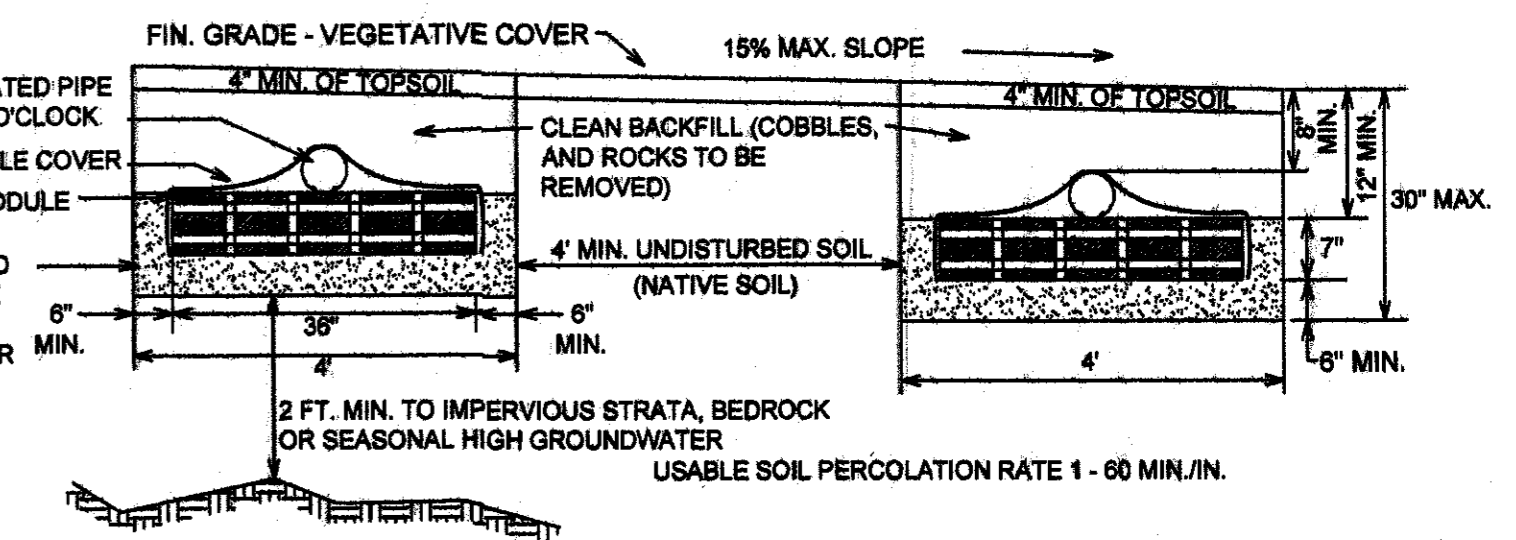
ASTM C33 SAND SPECIFICATION		
SIEVE SIZE	SIEVE SQUARE OPENING SIZE	SPECIFICATION PERCENT PASSING (WET SIEVE)
0.375"	9.5 mm	100.0 - 100.0
#4	4.75 mm	95.0 - 100.0
#6	2.36 mm	80.0 - 100.0
#16	1.18 mm	50.0 - 85.0
#30	600 μm	25.0 - 65.0
#50	300 μm	5.0 - 30.0
#100	150 μm	< 10.0
#200	75 μm	< 5.0

ELJEN SYSTEM REQUIREMENTS FOR SPECIFIED SAND



ELJEN IN-DRAIN VENT DETAIL
NOT TO SCALE

NOTE: ONLY TO BE USED IN WAIVERED SYSTEMS WITH COVER GREATER THAN 18 INCHES.

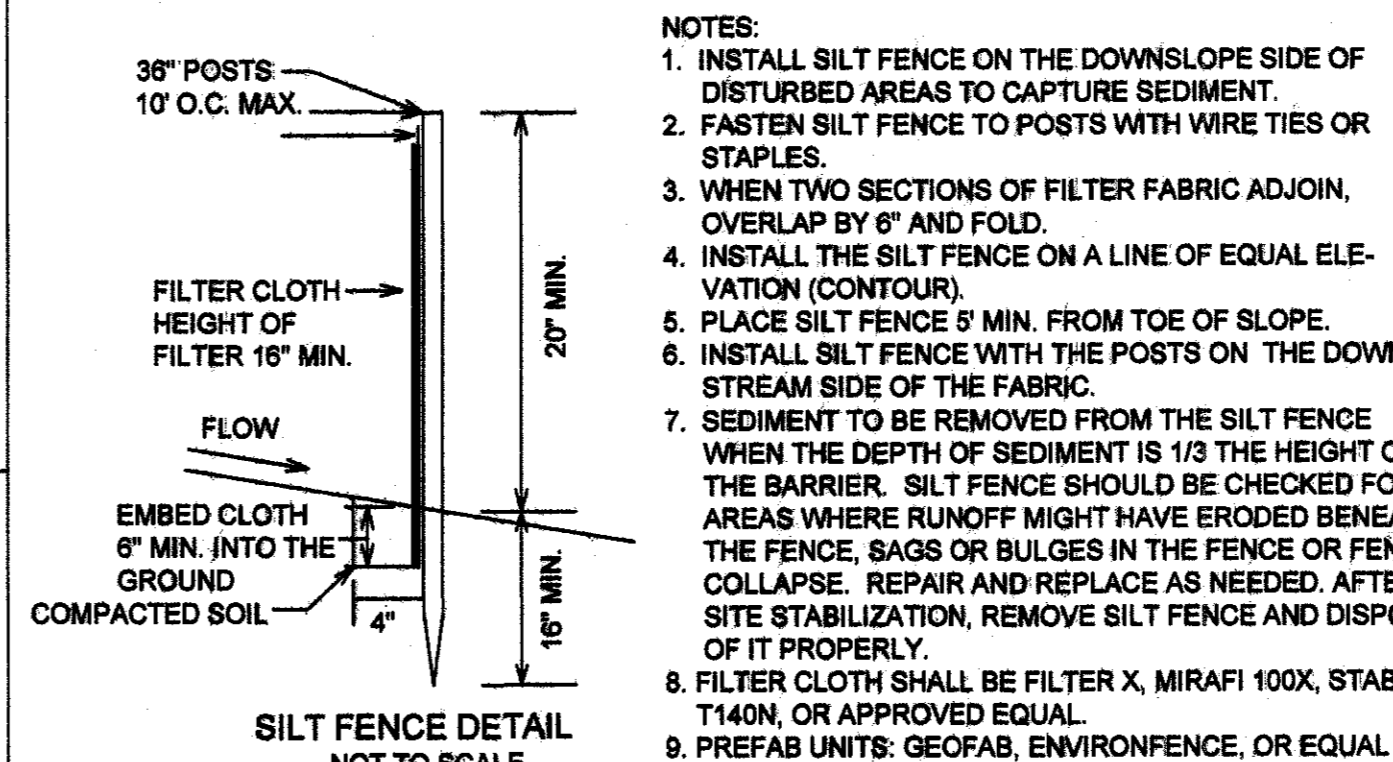


ELJEN IN-DRAIN TRENCH CONFIGURATION CROSS SECTION
NOT TO SCALE

- TRENCH BOTTOMS ARE TO BE SET LEVEL. LATERALS TO BE SLOPED AT 1/32"/FT TO 1/16"/FT DOWNWARD.
- DO NOT INSTALL TRENCHES IN WET SOIL.
- RAKE THE SIDES AND BOTTOM OF TRENCHES PRIOR TO PLACING CONCRETE SAND.
- THE ENDS OF THE PERFORATED PIPE TO BE CAPPED.
- FOUR FEET OF UNDISTURBED SOIL TO REMAIN BETWEEN TRENCHES.
- SPACING OF TRENCHES TO BE 8 FEET ON CENTER.
- LATERALS TO BE 4" I.D. PERFORATED PVC PIPE. PERFORATIONS TO FACE DOWN.
- ALL TRENCHES TO BE DUG IN VIRGIN SOIL.
- INSTALL TRENCHES PARALLEL TO GROUND CONTOURS.

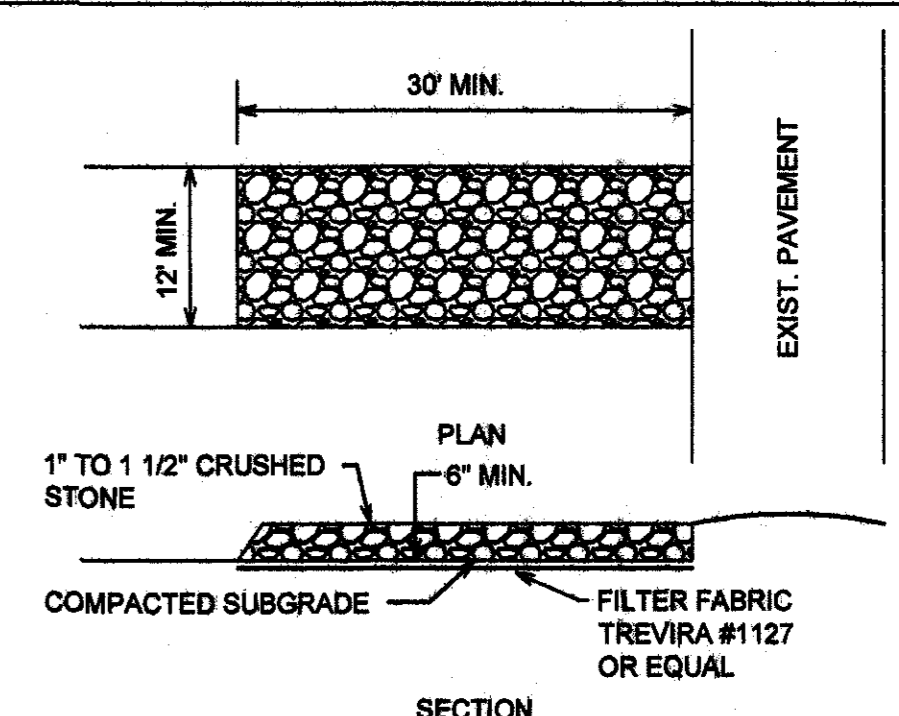
SOIL EROSION AND SEDIMENT CONTROL NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH STANDARDS SET FORTH IN "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL," LATEST EDITION, PREPARED BY THE USDA SOIL CONSERVATION SERVICE.
- THE SMALLEST PRACTICAL AREA OF LAND IS TO BE EXPOSED AT ANY ONE TIME DURING THE DEVELOPMENT OF THE PARCEL. ONLY THOSE AREAS NECESSARY IN THE DEVELOPMENT OF THE PARCEL SHALL BE DISTURBED. WHEN FEASIBLE, THE NATURAL VEGETATION IN ALL OTHER AREAS SHALL BE PROTECTED AND RETAINED. SOIL EXPOSURE SHALL BE LIMITED TO LESS THAN ONE ACRE.
- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL PERMANENT EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION. THE PROPERTY OWNER WILL ASSUME THIS RESPONSIBILITY AFTER CONSTRUCTION IS COMPLETED AND CERTIFICATES OF OCCUPANCY ARE ISSUED.
- ALL EXCAVATED EARTH AND ACCUMULATED SEDIMENT NOT USED AS FILL SHALL BE HAULED OFF SITE AND DISPOSED OF PROPERLY.
- ALL MATERIALS ORIGINATING FROM THE DEVELOPMENT OF THE LOT SHALL BE REMOVED IMMEDIATELY TO AN ACCEPTABLE DISPOSAL FACILITY. NO CONSTRUCTION DEBRIS SHALL BE BURIED ON SITE. ALL LOOSE MATERIALS SHALL BE REGULARLY COLLECTED TO PREVENT THE RELEASE OF FLOATABLES DURING STORM EVENTS.
- STABILIZATION:
FOLLOWING INITIAL SOIL DISTURBANCE AND REDISTURBANCE PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
A. SEVEN CALENDAR DAYS FROM THE TIME THAT THE SOIL IS INITIALLY DISTURBED, AND BEFORE ANY SIGNIFICANT STORM EVENT WHICH MAY HAVE A POTENTIAL TO CAUSE EROSION, BUT NOT TO EXCEED SEVEN DAYS FROM INITIAL DISTURBANCE.
B. FOURTEEN CALENDAR DAYS FOR ALL APPROVED STOCKPILES AND OTHER DISTURBED AND GRADED AREAS PROVIDED CONSTRUCTION GRADING ACTIVITY IS NOT CONTINUALLY ONGOING IN THESE LOCATIONS.
C. PERMANENT VEGETATION SHALL BE INSTALLED ON ALL EXPOSED AREAS WITHIN 14 DAYS OF FINAL GRADING. MULCH SHALL BE USED AS NECESSARY FOR PROTECTION UNTIL PERMANENT VEGETATION IS ESTABLISHED.
D. SEEDING AND MULCHING SHALL BE DONE IN ACCORDANCE WITH THE STANDARDS SET FORTH IN "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL," LATEST EDITION, PREPARED BY THE USDA SOIL CONSERVATION SERVICE.
E. IF THE SEASON PREVENTS THE ESTABLISHMENT OF VEGETATION, THE DISTURBED AREA SHALL BE MULCHED WITH STRAW AT A RATE OF 2 TONS/ACRE (100-120 BALES/ACRE) UNTIL PERMANENT VEGETATION CAN BE ESTABLISHED.
- MAINTENANCE:
A. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PERIODICALLY INSPECTED, MAINTAINED AND REPLACED WHEN THEY BECOME INOPERABLE. INSPECTIONS TO BE DONE IN ACCORDANCE WITH THE STANDARDS SET FORTH IN "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL," LATEST EDITION, PREPARED BY THE USDA SOIL CONSERVATION SERVICE.
B. ONCE THE DISTURBED AREAS HAVE BECOME PERMANENTLY STABILIZED, ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED AND DISPOSED OF PROPERLY.



SILT FENCE DETAIL
NOT TO SCALE

- NOTES:
- INSTALL SILT FENCE ON THE DOWNSLOPE SIDE OF DISTURBED AREAS TO CAPTURE SEDIMENT.
 - FASTEN SILT FENCE TO POSTS WITH WIRE TIES OR STAPLES.
 - WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN, OVERLAP BY 6" AND FOLD.
 - INSTALL THE SILT FENCE ON A LINE OF EQUAL ELEVATION (CONTOUR).
 - PLACE SILT FENCE 5' MIN. FROM TOE OF SLOPE.
 - INSTALL SILT FENCE WITH THE POSTS ON THE DOWN-STREAM SIDE OF THE FABRIC.
 - SEDIMENT TO BE REMOVED FROM THE SILT FENCE WHEN THE DEPTH OF SEDIMENT IS 1/3 THE HEIGHT OF THE BARRIER. SILT FENCE SHOULD BE CHECKED FOR AREAS WHERE RUNOFF MIGHT HAVE ERODED BENEATH THE FENCE, BAGS OR BULGES IN THE FENCE OR FENCE COLLAPSE. REPAIR AND REPLACE AS NEEDED. AFTER SITE STABILIZATION, REMOVE SILT FENCE AND DISPOSE OF IT PROPERLY.
 - FILTER CLOTH SHALL BE FILTER X, MIRAFI 100X, STABILUNGA T140N, OR APPROVED EQUAL.
 - PREFAB UNITS: GEOFAB, ENVIRONFENCE, OR EQUAL.



STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

- NOTE:
- INSPECT CONSTRUCTION ENTRANCE REGULARLY AND AFTER HIGH TRAFFIC VOLUMES OR A STORM. ENTRANCE SHALL BE MAINTAINED AS CONDITIONS DEMAND TO PREVENT TRACKING OF SEDIMENT ONTO THE PUBLIC RIGHT-OF-WAY. CLEAN ROADWAYS AS NEEDED.
 - DRIVEWAYS MUST BE STABILIZED WITH 1" TO 1 1/2" CRUSHED STONE OR SUBBASE PRIOR TO INDIVIDUAL HOME CONSTRUCTION.

DETAIL SHEET
FOR
JAN KADNAR
275 PRESSLER ROAD, TOWN OF NEWBURGH
ORANGE COUNTY, NEW YORK
DATE: JUNE 17, 2020 SCALE: AS SHOWN

PREPARED BY:
VINCENT J. DOCE ASSOCIATES
ENGINEERS - LAND SURVEYORS - PLANNERS
242 SOUTH PLANK ROAD, NEWBURGH, NY 12550
TEL. 845 561-1170 EMAIL DDOCE12@GMAIL.COM

SHEET 3 OF 3 IS INVALID UNLESS ACCOMPANIED BY SHEET 1 OF 3 AND SHEET 2 OF 3.
UNAUTHORIZED ALTERATION OR ADDITION TO A MAP BEARING A LICENSED PROFESSIONAL'S SEAL IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.

DATE	REVISION