

GRAPHIC SCALE



PLAN VIEW
SCALE 1:30

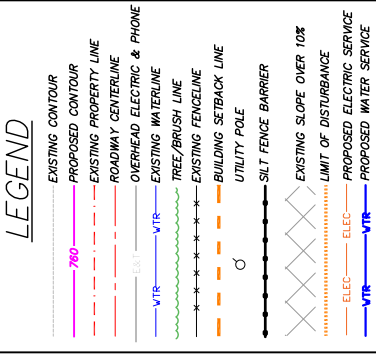
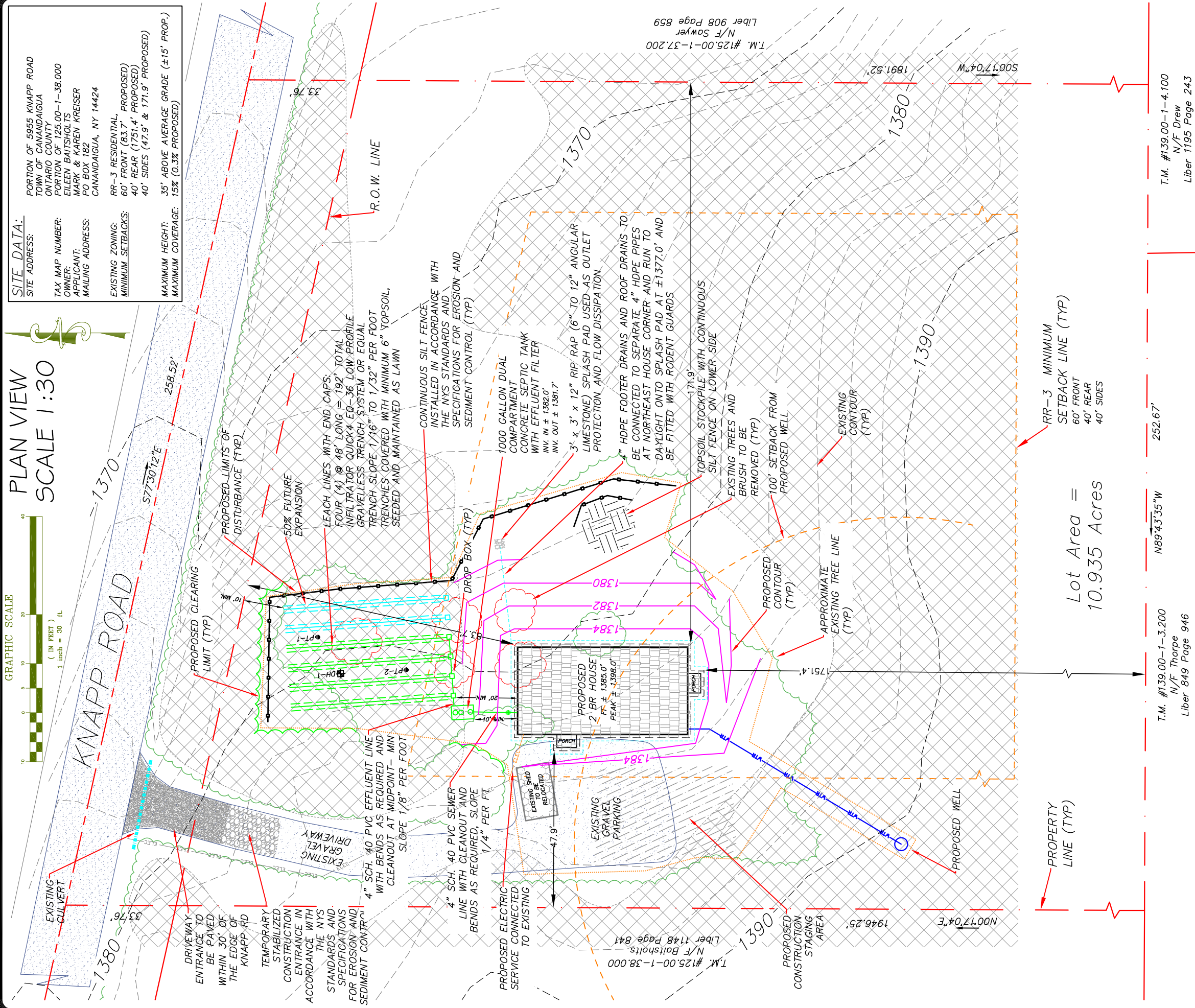
SITE DATA:

SITE ADDRESS:
PORTION OF 5955 KNAPP ROAD
TOWN OF CANANDAIGUA
ONTARIO COUNTY
PORTION OF 125.00-1-38.000
EILEEN BAITSCHOLTS
MARK & KAREN KREISER
PO BOX 182
CANANDAIGUA, NY 14424

TAX MAP NUMBER:
OWNER:
APPLICANT:
MAILING ADDRESS:

EXISTING ZONING:
MINIMUM SETBACKS:
MAXIMUM HEIGHT:
MAXIMUM COVERAGE:

RR-3 RESIDENTIAL,
60' FRONT (83.7' PROPOSED)
40' REAR (1751.4' PROPOSED)
40' SIDES (47.9' & 171.9' PROPOSED)
35' ABOVE AVERAGE GRADE (±15' PROP.)
15% (0.3% PROPOSED)



MAP REFERENCE:
1. SUBDIVISION OF LANDS OF EILEEN M. BAITSCHOLTS, PREPARED BY DAVID PARRINELLO, L.S. DATED DECEMBER 14, 2018
2. ELEVATION DATA BASED ON NAVD83 DATUM PER PARRINELLO SURVEY

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SITE PLAN APPROVAL

PLANNING BOARD CHAIRPERSON	DATE
CANANDAIGUA HIGHWAY & WATER SUPERINTENDENT	DATE

REVISIONS

NO.	DATE	DESCRIPTION	BY



WILLIAM J. GROVE, PE
NYS LICENSE #084111



GROVE
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NAPLES, NEW YORK 14512
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585-531-4084 FAX

grove.engineering@yahoo.com

SITE PLAN & CONVENTIONAL SEPTIC SYSTEM DESIGN PROPOSED KREISER RESIDENCE KNAPP ROAD

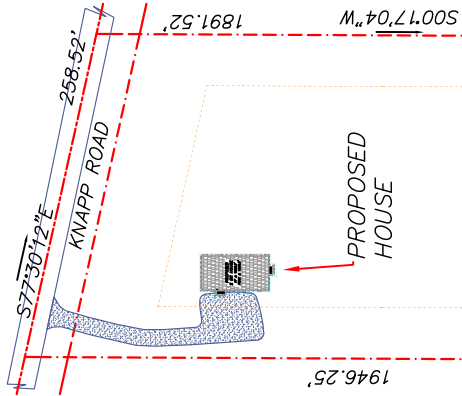
PORTION OF TM# 125.00-1-38.000
TOWN OF CANANDAIGUA
ONTARIO COUNTY, NY

AUGUST 12, 2020

SHEET 1 OF 6

GENERAL SITE PLAN NOTES:

1. THE PROPOSED USE OF THE PROPERTY IS A SINGLE FAMILY RESIDENCE.
2. THIS PROPERTY ZONED: RR-3 RESIDENTIAL DISTRICT.
3. TOTAL AREA DISTURBED BY THE PROJECT IS APPROXIMATELY 13,000 SQUARE FEET (0.30 ACRES), RELATED TO CONSTRUCTING THE PROPOSED RESIDENCE, SEPTIC SYSTEM, AND RELATED UTILITIES.
4. CONSTRUCTION IS ANTICIPATED TO COMMENCE ON SEPTEMBER 21, 2020.
5. THE VEGETATION ON THE LOT CURRENTLY CONSISTS OF OPEN LAWN AREA, TREES AND BRUSH. THERE ARE NO MATURE TREES THAT WILL BE DISTURBED BY THE PROJECT.
6. DRAINAGE RUNOFF PRODUCED BY THE PROPOSED SITE IMPROVEMENTS SHALL NOT BE DIRECTED TOWARDS NEIGHBORING PROPERTIES AND/OR BUILDING FOUNDATIONS.
7. IF REQUIRED, THE CONTRACTOR SHALL PROVIDE TEMPORARY EROSION CONTROL MEASURES, AT THE EXPENSE OF THE CONTRACTOR OR OWNER, TO PREVENT SILTATION OF DOWNSTREAM PROPERTIES.
8. IN THE EVENT THERE IS A FAILURE OF AN EROSION CONTROL DEVICE, THE CONTRACTOR AND OWNER ARE RESPONSIBLE TO RESTORE DOWNSTREAM AREAS AT THEIR EXPENSE.
9. THE PROPOSED BUILDING PLANS HAVE BEEN DEVELOPED BY COMMODORE HOMES OF PENNSYLVANIA (MODEL TD1001-P).
10. THE PROPOSED DRIVEWAY TO THE HOUSE IS EXISTING AND WILL FACILITATE EMERGENCY VEHICLE ACCESS TO THE HOUSE.
11. PEDESTRIAN ACCESS IS NOT REQUIRED.
12. THERE IS NO OUTDOOR STORAGE PROPOSED ON THE LOT.
13. THERE IS NO PROPOSED FENCING.
14. THERE ARE NO OTHER PROPOSED SITE IMPROVEMENTS (RETAINING WALLS, CULVERTS, STORAGE TANKS, ETC.)
15. SEWAGE DISPOSAL WILL BE ACHIEVED BY A CONVENTIONAL SEPTIC SYSTEM, TO BE APPROVED BY THE CANANDAIGUA LAKE WATERSHED INSPECTOR.
16. STORMWATER WILL SHEET FLOW AROUND THE PROPOSED HOUSE. GUTTERS AND DOWNSPOUTS WILL BE DIRECTED TO SPLASH BLOCKS OR PIPED TO DAYLIGHT AT THE LOCATION SPECIFIED ON THE PLAN.
17. THE DRIVEWAY IS WIDE ENOUGH TO ACCOMMODATE EMERGENCY VEHICLES. THERE ARE NO FIRE HYDRANTS NEAR THE PROPERTY.
18. THE LOT HAS AN EXISTING ELECTRIC SERVICE. THE NEW HOUSE WILL CONNECT TO THIS EXISTING SERVICE.
19. THERE ARE NO PROPOSED SIGNS ON THE PROJECT.
20. THERE ARE NO EXISTING OR PROPOSED BUFFERS ON THE PROJECT.
21. THE LANDSCAPING PLAN CONSISTS OF RESTORING ALL DISTURBED AREAS TO MOWABLE LAWN.
22. THE DRIVEWAY IS TO BE GRAVEL EXCEPT WITHIN 30' OF KNAPP ROAD, WHERE IT IS REQUIRED TO BE PAVED.
23. THE PROJECT AREA LIES WITHIN ZONE X, AS IDENTIFIED ON FLOOD INSURANCE RATE MAP #360598, PANEL #0025C.
24. ALL SITE LIGHTING IS TO COMPLY WITH THE LIGHTING STANDARDS CONTAINED IN SECTION 220-77 OF THE TOWN CODE.
25. ALL EXTERIOR LIGHTING IS TO BE DARK SKY COMPLIANT.
26. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DESIGNED, INSTALLED AND MAINTAINED PER THE REQUIREMENTS SET FORTH IN THE LATEST EDITION (2016) OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
27. NO PHOSPHOROUS SHALL BE USED AT PLANTING TIME UNLESS SOIL TESTING HAS BEEN COMPLETED AND TESTED BY A HORTICULTURAL TESTING LAB AND THE SOIL TESTS SPECIFICALLY INDICATE A PHOSPHOROUS DEFICIENCY THAT IS HARMFUL, OR WILL PREVENT NEW LAWNS AND PLANTINGS FROM ESTABLISHING PROPERLY.
28. IF SOIL TESTS INDICATE A PHOSPHOROUS DEFICIENCY THAT WILL IMPACT PLANT AND LAWN ESTABLISHMENT, PHOSPHOROUS SHALL BE APPLIED AT THE MINIMUM RECOMMENDED LEVEL PRESCRIBED IN THE SOIL TEST FOLLOWING ALL NYS DEC GUIDELINES.
29. MAILBOX (IF INSTALLED) SHOULD BE 16 FEET FROM THE CENTER OF THE ROAD AND A MINIMUM HEIGHT OF 46" FROM THE BOTTOM OF THE BOX.
30. CONCRETE TRUCK CLEANOUT SHALL FOLLOW THE EPA'S GUIDELINES FOR STORMWATER BEST MANAGEMENT PRACTICE FOR CONCRETE WASHOUT. NO WET CONCRETE SHALL BE WASHED OUT WITHIN 50' OF ANY WATERCOURSE OR WATER BODY.
31. THIS PROPERTY MAY BE NEAR A FARM, AS DEFINED IN THE NEW YORK STATE AGRICULTURE AND MARKETS LAW, § 301, SUBSECTION 11. SOUND FARMING PRACTICES MAY GENERATE DUST, ODOR, SMOKE, NOISE, AND VIBRATION



PROPERTY
LINE (TYP)

RR-3
MINIMUM
SETBACK
LINE (TYP)
60' FRONT
40' REAR
40' SIDES

Lot Area
= 10.935
Acres



SITE LOCATION
KNAPP ROAD
CANANDAIGUA, NY 14424

PROPOSED CONSTRUCTION
SEQUENCE:

1. OBTAIN PLAN APPROVAL AND OTHER APPLICABLE PERMITS
2. FLAG THE WORK LIMITS
3. INSTALL SILT FENCE BELOW ALL AREAS OF DISTURBANCE
4. FENCE OFF ANY AREAS THAT ARE NOT TO BE DISTURBED (SEPTIC SYSTEM)
5. INSTALL TEMPORARY CONSTRUCTION ENTRANCE
6. INSTALL UTILITIES
7. CONSTRUCT HOUSE
8. ROUGH GRADE LAWN AREA
9. FINAL GRADE
10. RESTORE ALL DISTURBED AREAS AS INDICATED ON THE PLAN
11. TOPSOIL AND SEED ALL DISTURBED AREAS IMMEDIATELY
12. AFTER STABILIZATION OF THE SITE AND APPROVAL FROM TOWN AND ENGINEER, REMOVE TEMPORARY MEASURES (SILT FENCE) AND INSTALL PERMANENT VEGETATION ON ALL DISTURBED AREAS

SITE PLAN APPROVAL

PLANNING BOARD CHAIRPERSON	DATE
CANANDAIGUA HIGHWAY & WATER SUPERINTENDENT	DATE

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NYS LICENSE #084111

REVISIONS		
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COMPLETE PARCEL
SCALE 1:150



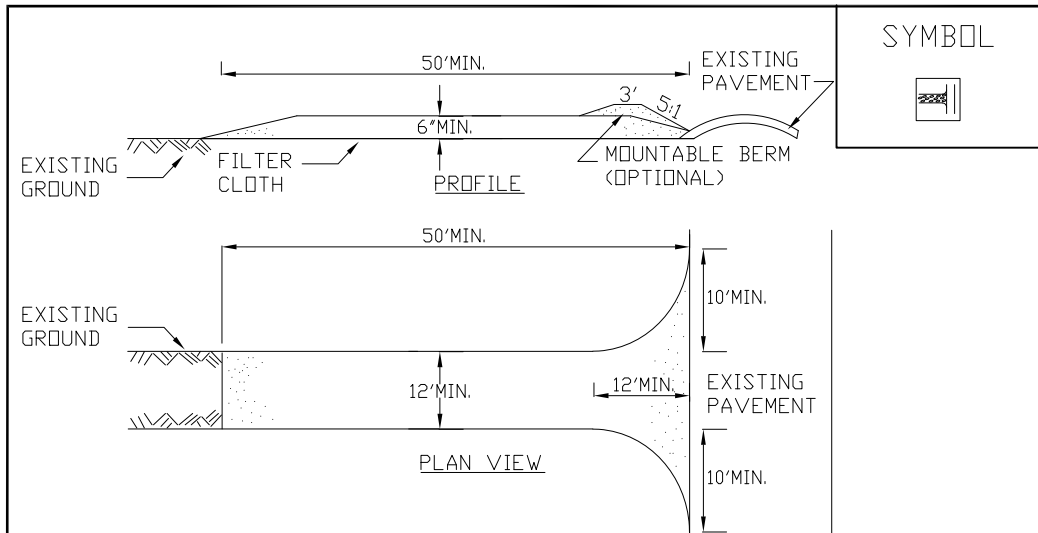
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SITE PLAN & CONVENTIONAL
SEPTIC SYSTEM DESIGN
PROPOSED KREISER RESIDENCE
KNAPP ROAD

PORTION OF TM# 125.00-1-38.000
TOWN OF CANANDAIGUA
ONTARIO COUNTY, NY

AUGUST 12, 2020 SHEET 2 OF 6



SYMBOL

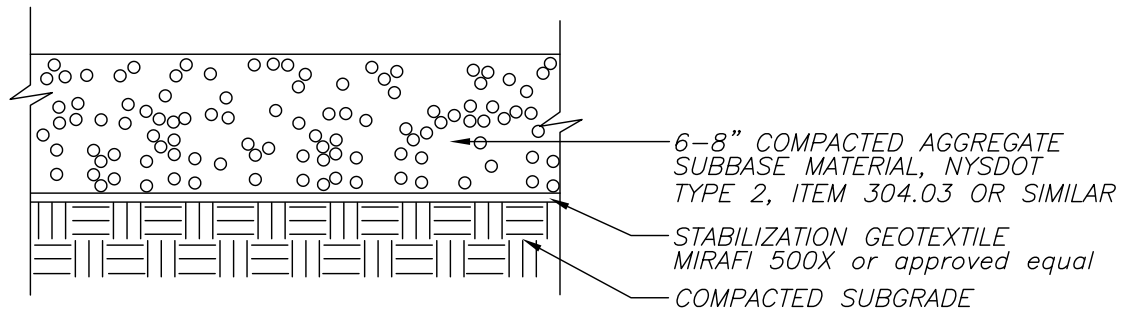


CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT 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 RAIN.

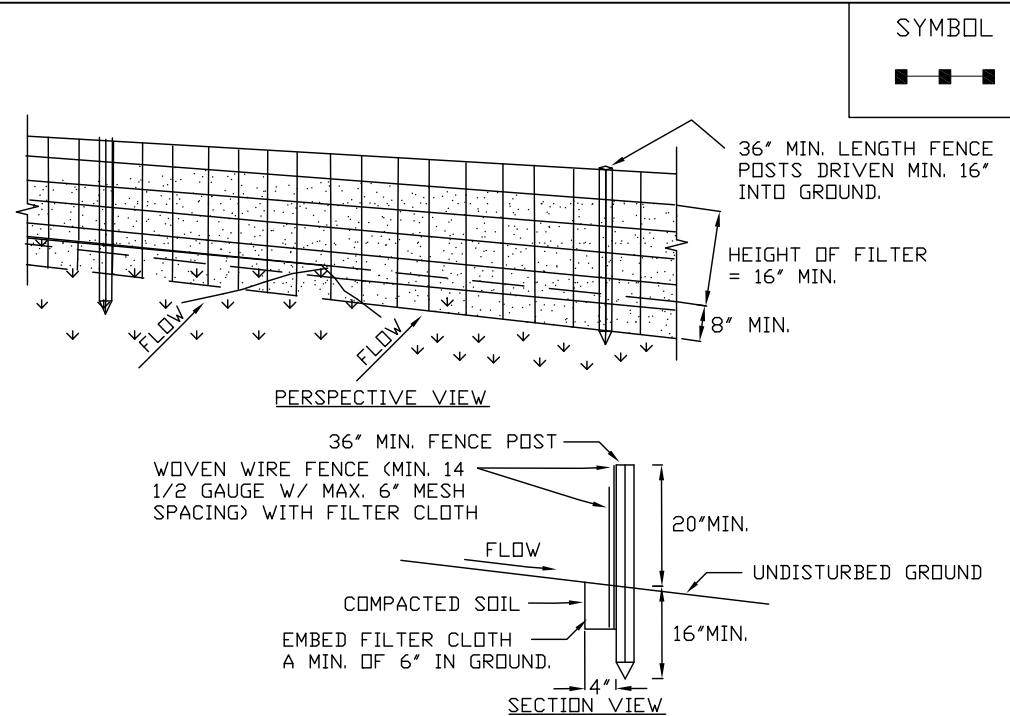
U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

STABILIZED
CONSTRUCTION
ENTRANCE



TYPICAL DRIVEWAY SECTION

NOT TO SCALE



SYMBOL



CONSTRUCTION SPECIFICATIONS

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

TYPICAL SILT FENCE DETAIL

NOT TO SCALE

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SITE PLAN & CONVENTIONAL SEPTIC SYSTEM DESIGN

PROPOSED KREISER RESIDENCE

KNAPP ROAD
PORTION OF
T.M.#125.00-1-38.000

TOWN OF
CANANDAIGUA
ONTARIO COUNTY
NEW YORK

AUGUST 12, 2020

SHEET 3 OF 6

SITE PLAN APPROVAL

PLANNING BOARD CHAIRPERSON DATE

CANANDAIGUA HIGHWAY & WATER SUPERINTENDENT DATE

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GENERAL SEPTIC NOTES:

1.

SITE INVESTIGATION CONSISTING OF ONE (1) DEEP TEST PIT AND TWO (2) PERCOLATION (PERC) TESTS, WAS PERFORMED ON MARCH 26, 2020 BY WILLIAM J. GROVE, PE. SEE "SOILS INFORMATION" FOR SUMMARIZED SITE INVESTIGATION RESULTS. BASED ON THE RESULTS OF THE SITE INVESTIGATION, A CONVENTIONAL SEPTIC SYSTEM IS PROPOSED.
2.

LOCATIONS OF THE SYSTEM COMPONENTS ARE SHOWN IN THE PLAN VIEW AND COMPONENT DETAILS ARE SHOWN SEPARATELY.
3.

THE SEPTIC SYSTEM IS DESIGNED TO TREAT AND DISPERSE 260 GALLONS PER DAY BASED ON THE PROPOSED 2 BEDROOM RESIDENCE, THE PROPOSED USE AND THE DOH REGULATIONS.
4.

WATER SUPPLY IS TO BE SERVICED BY THE A DRILLED WELL, WITH SERVICE AS SHOWN ON PLAN.
5.

THE BACKFILL IS TO BE GRADED TO ROUTE SURFACE WATER AWAY FROM THE ABSORPTION FIELD.
6.

WATER TREATMENT SYSTEM WASTES (SUCH AS FROM A WATER SOFTENER) ARE TO BE EXCLUDED FROM THE SYSTEM.
7.

NO "CLEAN" WATER IS TO ENTER THE SYSTEM VIA ROOF DRAINS, SUMP PUMPS, FOOTING DRAINS, ETC. THE SYSTEM IS A DISPOSAL UNIT FOR COMMON BATHROOM, LAUNDRY AND KITCHEN WASTES ONLY. GARBAGE GRINDERS ARE NOT TO BE USED ON THIS SYSTEM.
8.

IF THE HOUSE USES A WATER SOFTENER, THE WATER SOFTENER DISCHARGE SHALL NOT BE ROUTED TO THE WASTEWATER SYSTEM. THE WATER SOFTENER DISCHARGE SHOULD BE DIRECTED TO ITS OWN SUBSURFACE DISPOSAL SYSTEM LOCATED AWAY FROM THE PROPOSED LEACH AREA.
9.

THE CONTRACTOR IS TO CONTACT DIG SAFELY NEW YORK AT 800-962-7962 TO VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO DOING ANY EXCAVATION WORK.
10.

NO PART OF THE SYSTEM IS TO BE LOCATED UNDER DRIVEWAYS, BUILDINGS, SWIMMING POOLS OR OTHER AREAS SUBJECT TO HEAVY LOADING.
11.

TRENCH DEPTH SHALL BE ±14". TRENCHES SHALL BE EXCAVATED TO DESIGN DEPTH WITH BOTTOMS PRACTICALLY LEVEL
12.

FOLLOWING EXCAVATION, THE TRENCH BOTTOMS SHOULD BE GRADED BY HAND.
13.

TRENCH BOTTOMS AND SIDES SHALL BE IMMEDIATELY RAKED AFTER FINAL GRADING.
14.

INFILTRATOR QUICK 4 PLUS EQ-36 LOW PROFILE GRAVELLESS DISTRIBUTOR CHAMBERS SHALL BE INSTALLED IN THE TRENCHES AT A SLOPE OF 1/32" PER FOOT.
15.

TRENCHES SHALL BE BACKFILLED WITH THE NATIVE SOIL EXCAVATED FROM THE TRENCHES.
16.

TRENCHES SHALL BE COVERED WITH 6" TOPSOIL, SEEDED AND MULCHED AND MAINTAINED AS LAWN.
17.

THE EARTH BACKFILL IS TO BE MOUNDED SLIGHTLY ABOVE THE ORIGINAL GROUND LEVEL (i.e., NOT COMPACTED) TO ALLOW FOR SETTLING. FOLLOWING SETTLEMENT, THE ENTIRE AREA SHOULD BE GRADED WITHOUT THE USE OF HEAVY EQUIPMENT AND SEEDED WITH GRASS. HEAVY EQUIPMENT SHALL NOT ENTER THE ABSORPTION FACILITY AREA OR THE PROPOSED EXPANSION AREA AFTER THE SUBSURFACE SEWAGE TREATMENT SYSTEM HAS BEEN CONSTRUCTED.
18.

HEAVY CONSTRUCTION EQUIPMENT MUST NOT BE ALLOWED WITHIN THE AREA OF THE SYSTEM PRIOR TO CONSTRUCTION
19.

THE TOPSOIL SURFACE SHALL BE GRADED TO ENHANCE RUNOFF OF PRECIPITATION.
20.

ON SLOPED SITES, A DIVERSION DITCH OR CURTAIN DRAIN SHALL BE CONSTRUCTED UPHILL FROM THE FILL TO PREVENT SURFACE RUNOFF FROM ENTERING THE FILL.
21.

DISTANCE BETWEEN TRENCHES TO BE 4 FEET MINIMUM EDGE-TO-EDGE (TYPICALLY 6' CENTER-TO-CENTER).
22.

THE CONTRACTOR SHALL PROVIDE AN ACCURATE AS-BUILT MAP TO THE OWNER REFERENCING ALL SYSTEM COMPONENTS TO PERMANENT SITE FEATURES FOR LATER RECOVERY.
23.

AFTER AN ENVIRONMENTAL ASSESSMENT, THE ENGINEER HAS DETERMINED THAT THE DEVELOPMENT OF THE SITE WITH THE PROPOSED SYSTEM IS CONSISTENT WITH THE OVERALL DEVELOPMENT OF THE AREA AND WILL CAUSE NO ADVERSE ENVIRONMENTAL IMPACTS.
24.

THE PROPOSED ONSITE WASTEWATER TREATMENT SYSTEM MUST BE DESIGNED AND THE INSTALLATION SUPERVISED AND CERTIFIED BY A DESIGN PROFESSIONAL.
25.

IT IS THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR TO CONTACT THE LOCAL CODE ENFORCEMENT OFFICER ABOUT ANY REQUIRED PERMITS OR FEES BEFORE STARTING WORK ON THE SYSTEM INSTALLATION.

DESIGN CALCULATIONS:

DESIGN FLOW

PROPOSED 2 BEDROOM HOME @ 130
GALLONS PER DAY (GPD)/BEDROOM =
260 GPD TOTAL

SEPTIC TANK:

1000 GALLON DUAL COMPARTMENT WITH
EFFLUENT FILTER

DESIGN PERC. RATE:

16-20 MINUTES/INCH

REQUIRED LENGTH OF ABSORPTION TRENCH

186 FEET REQUIRED
192 FEET PROPOSED

FOUR (4) 48 FOOT LONG TRENCHES ARE PROPOSED
TOTAL 192 FEET.
TRENCHES TO BE SPACED AT 6 FT ON CENTER

CALCULATION REFERENCE BASED ON N.Y.S.D.O.H., "INDIVIDUAL RESIDENTIAL WASTEWATER
TREATMENT SYSTEMS - DESIGN HANDBOOK", 2012, AND APPENDIX 75-A

SOILS INFORMATION:

DH-1
0" - 7" DARK BROWN LOAMY TOPSOIL
7" - 20" LIGHT BROWN SILTY LOAM
20" - 48" FINE SAND
ROOTS TO 44"
NO MOTTLING

KEY:

PT-1 PERC TEST LOCATION
DH-1 DEEP HOLE LOCATION
● CLEAN-OUT

PERCOLATION TEST RESULTS:

TESTS PERFORMED ON MARCH 26, 2020

TEST NUMBER	DEPTH	PERC RATES (MIN/INCH)	STABILIZED PERC RATE
PT -1	24"	9, 9, 10, 10,	10 MIN/INCH
PT -2	24"	9, 10, 10, 10,	10 MIN/INCH

REVISIONS

NO.	DATE	DESCRIPTION	BY

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PLANNING BOARD CHAIRPERSON	DATE
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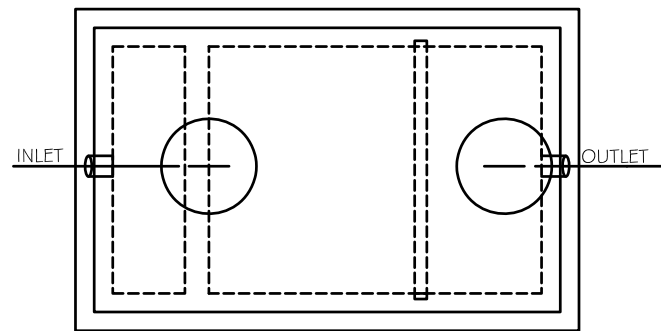
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SHEET 4 OF 6

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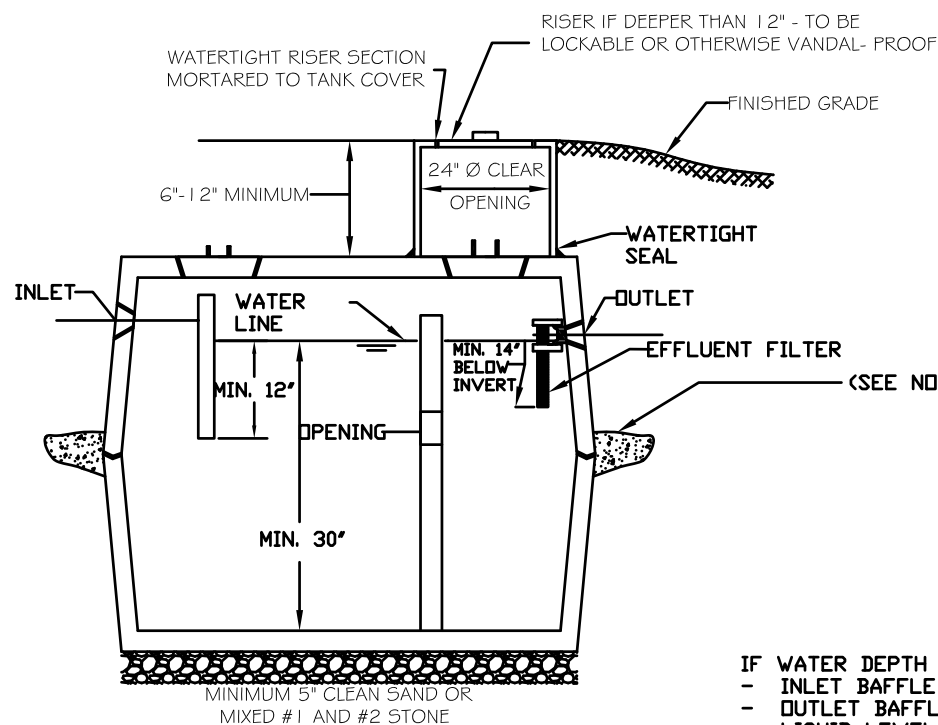
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TOP VIEW

SEPTIC TANK NOTES:

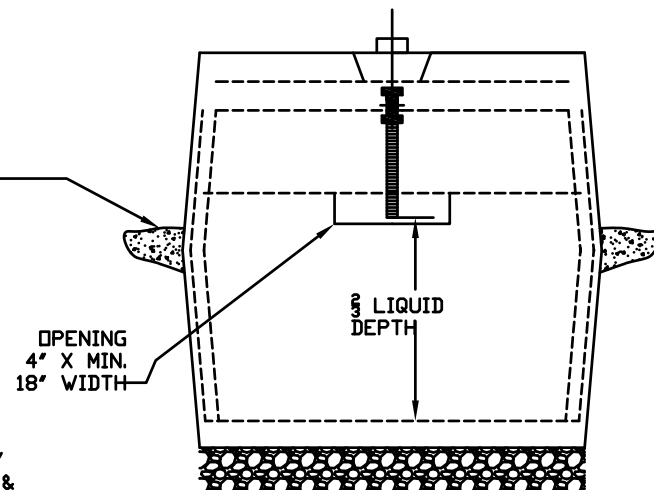
1. ALL PIPE CONNECTION SHALL BE WATERTIGHT.
2. BAFFLES SHALL BE PROVIDED AT INLET AND OUTLET OF SEPTIC TANK (WITH OUTLET FILTER)
3. A 2" MINIMUM DROP FROM INLET TO OUTLET
4. SEPTIC TANK SHALL BE PRECAST CONCRETE WITH WIRE MESH REINFORCING, OR POLYETHYLENE MINIMUM AS SHOWN ON THE SITE PLAN, DUAL-CHAMBER REQUIRED.
5. INSPECTION PORTS TO BE OF ADEQUATE DIAMETER, ONE TO BE LOCATED OVER BAFFLE TO ACCESS FILTER/BAFFLE.
6. TANK INSTALLATION IN AREA OF HIGH GROUNDWATER SHALL BE INSTALLED WITH ANTI-FLOATING DEVICE AS PER TANK MANUFACTURER.
7. TANK SPECIFICATIONS SHALL CONFORM TO NYS APPENDIX 75-A OR CURRENT STANDARDS.
8. TANK TO BE BURIED NO DEEPER THAN 12" OR HAVE RISERS INSTALLED SUCH THAT THEY ARE LESS THAN 12" DEEP
9. TANK TO BE INSTALLED ON MINIMUM 4" SAND OR PEA GRAVEL



SECTION VIEW

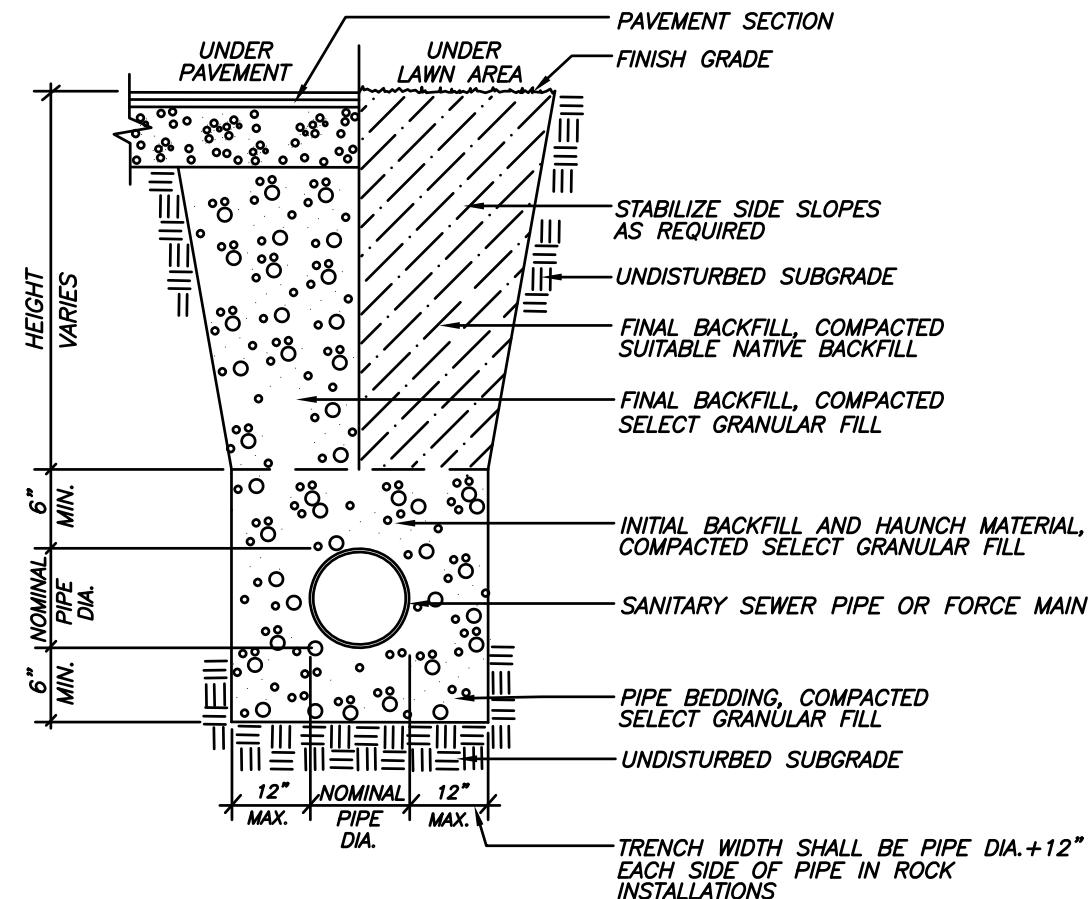
SEPTIC TANK

NOT TO SCALE



END VIEW

IF WATER DEPTH OVER 40"
- INLET BAFFLE MIN 16" &
- OUTLET BAFFLE MIN 18" BELOW
LIQUID LEVEL



SANITARY SEWER PIPE TRENCH

NOT TO SCALE

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PROPOSED KREISER RESIDENCE

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TOWN OF
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NEW YORK

AUGUST 12, 2020

SHEET 5 OF 6

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CANANDAIGUA HIGHWAY & WATER SUPERINTENDENT DATE



WILLIAM J. GROVE, PE
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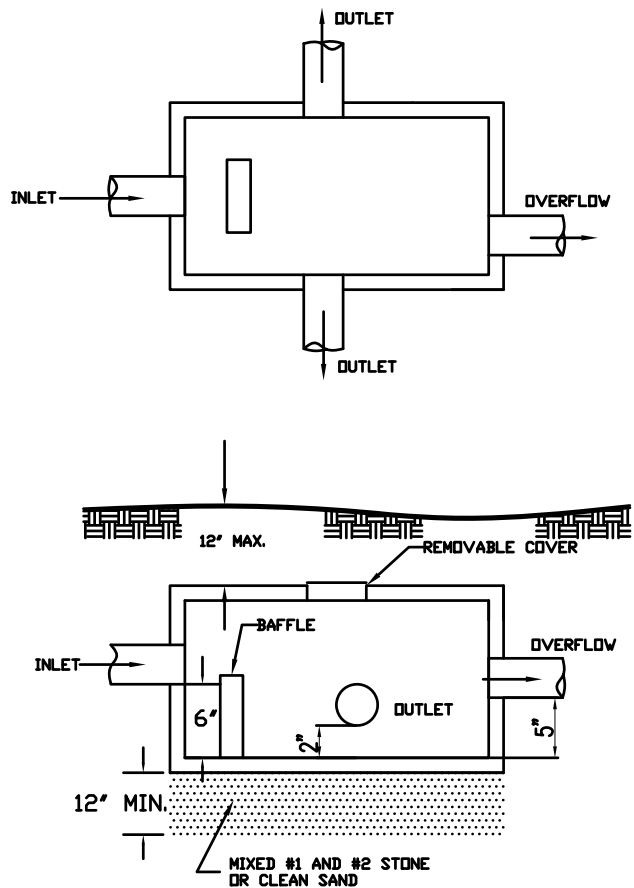


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This Onsite Wastewater Treatment System design has been performed in compliance with all Town and State design requirements. A prudent design, however, does not necessarily imply that the system will be free from malfunction. The required soil percolation and soil depth tests may not reveal all the soil characteristics affecting operation. Further, unusual precipitation, disposal of some household and other chemicals and failure to pump out septic tanks as often as required are beyond the control and the responsibility of the designer. Therefore, in no event will this design create liability for the designer or design company.

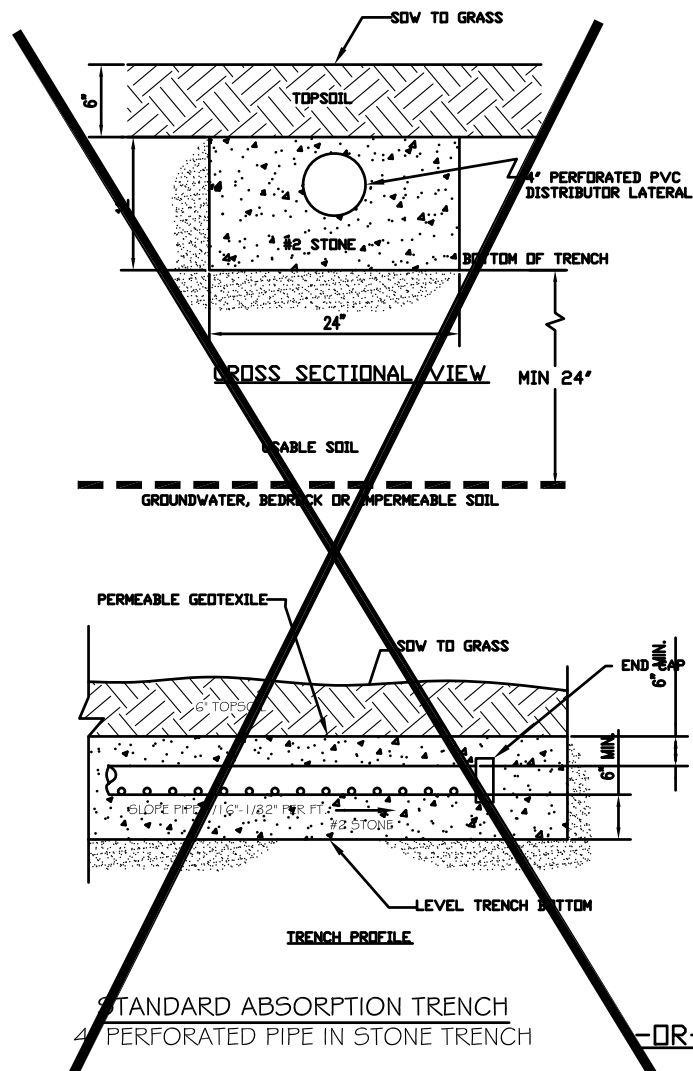
It is a violation of the NYS Education Law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor, to alter an item in any way. If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his seal and the notation "altered by" followed by his signature and the date of such alteration, and a specific description of the alteration.



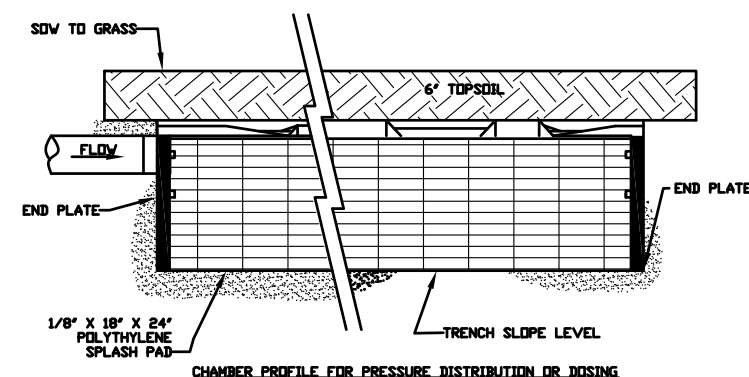
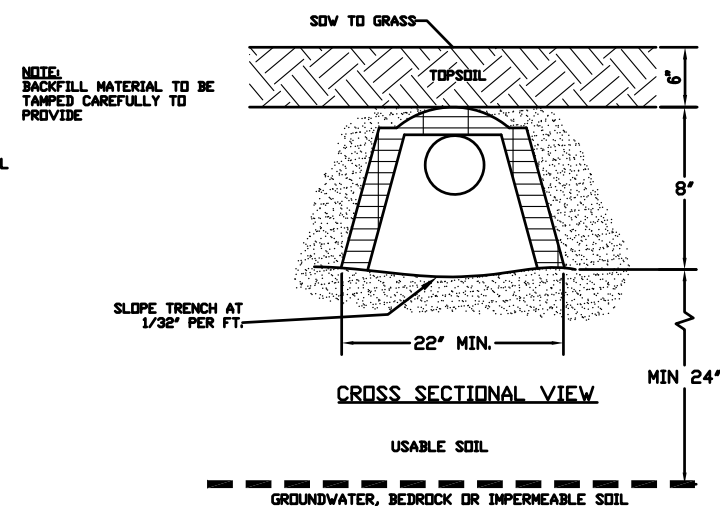
DROP BOX DETAILS
NOT TO SCALE

DISTRIBUTION & DROP BOX NOTES:

1. DISTRIBUTION BOX OR DROP BOXES USED MUST BE ACCEPTABLE TO THE WATERSHED INSPECTOR. (SEE 'SYSTEM PLAN SKETCH' ON SHEET 1 OF 2 FOR LOCATION AND NUMBER OF LINES; DISTRIBUTION BOX OR DROP BOX TO HAVE AT LEAST ONE EXTRA PLUGGED OUTLET).
2. PIPE JOINTS TO BE WATERTIGHT
3. INVERT ELEVATIONS OF ALL OUTLET PIPES FROM THE DISTRIBUTION BOX MUST BE EQUAL. USE OF FLOW ADJUSTABLE LEVELING DEVICES IS REQUIRED ON EACH OUTLET.
4. INVERT ELEVATIONS OF ALL OUTLET TRENCHLINE PIPES FROM DROP BOXES MUST BE EQUAL. USE OF FLOW ADJUSTABLE LEVELING DEVICES IS REQUIRED ON EACH TRENCHLINE OUTLET.
5. THE SLOPE OF OUTLET PIPES BETWEEN THE DISTRIBUTION BOX OR DROP BOX AND DISTRIBUTOR LATERALS TO BE AT LEAST $\frac{1}{32}$ ' PER FOOT.
6. BAFFLES ARE REQUIRED. INLET PIPE SLOPE SHALL BE AT LEAST $\frac{1}{8}$ '
7. A MINIMUM OF 2 FEET OF SOLID PIPE SHALL EXTEND LEVEL OUT OF DISTRIBUTION BOX OR DROP BOX FROM ALL OUTLETS.



ONLY QUICK4 EQ-36 LOW
PROFILE CHAMBERS TO BE
USED ON THIS SITE

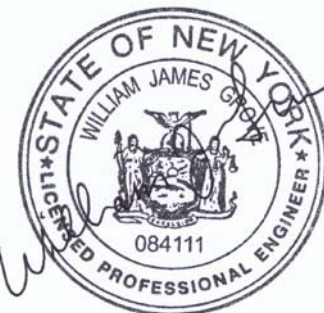


GRAVELLESS CHAMBER ABSORPTION TRENCH
INFILTRATOR QUICK4 EQ-36 LOW PROFILE CHAMBER OR
EQUAL

REVISIONS			
NO.	DATE	DESCRIPTION	BY

SITE PLAN APPROVAL

PLANNING BOARD CHAIRPERSON _____ DATE _____
CANANDAIGUA HIGHWAY & WATER SUPERINTENDENT _____ DATE _____



WILLIAM J. GROVE, PE
NYS LICENSE #084111



**GROVE
ENGINEERING**

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585-531-4084 FAX
grove.engineering@yahoo.com

**SITE PLAN &
CONVENTIONAL
SEPTIC SYSTEM
DESIGN**

**PROPOSED
KREISER
RESIDENCE**

KNAPP ROAD
PORTION OF
T.M.#125.00-1-38.000

TOWN OF
CANANDAIGUA
ONTARIO COUNTY
NEW YORK

AUGUST 12, 2020

SHEET 6 OF 6

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