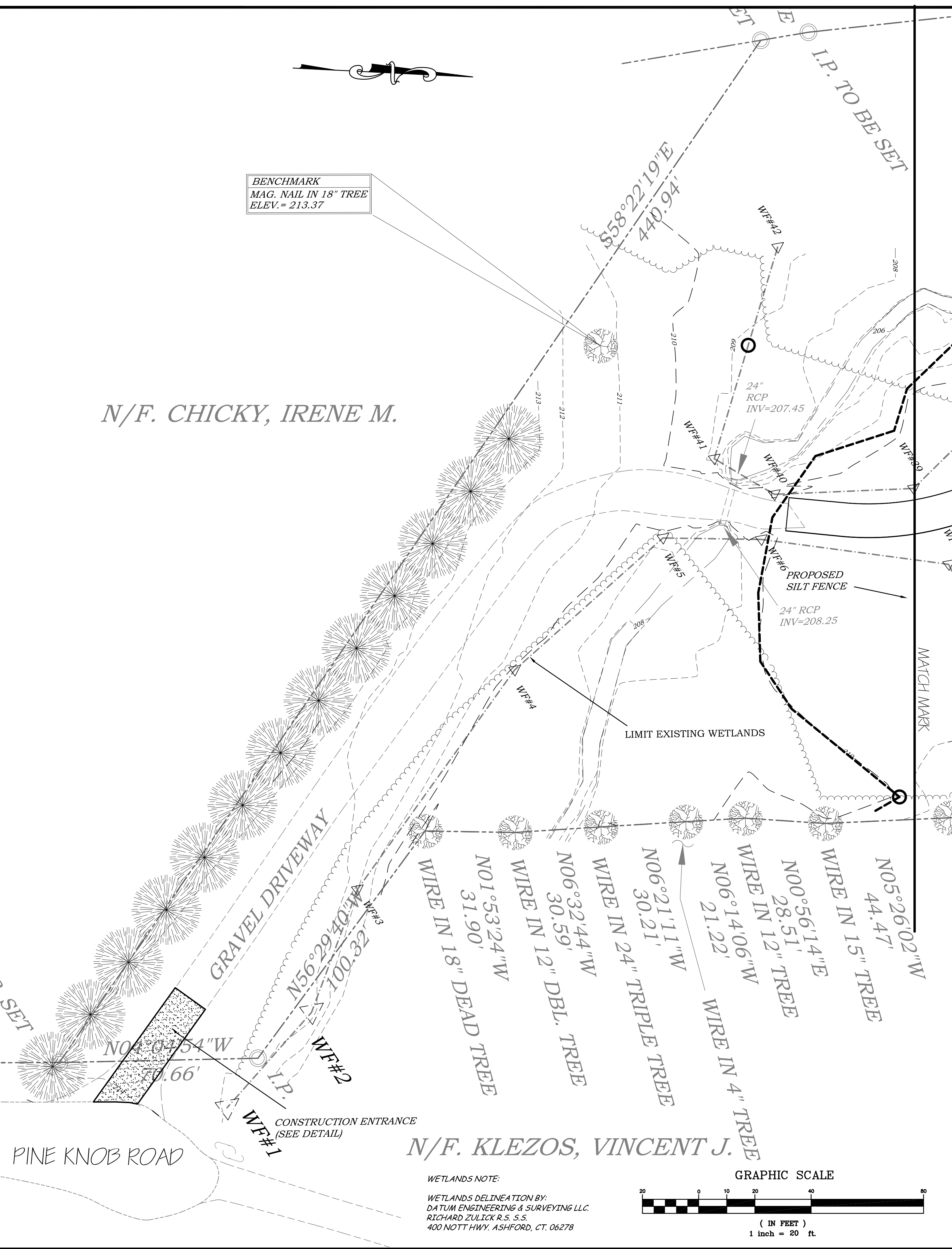


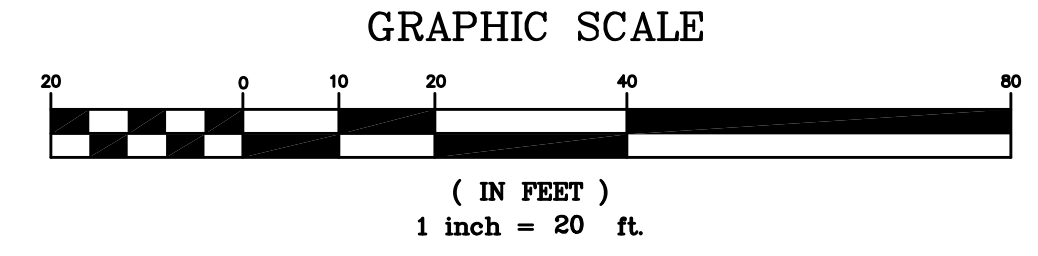
BENCHMARK  
MAG. NAIL IN 18" TREE  
ELEV. = 213.37

N/F. CHICKY, IRENE M.

N/F. KLEZOS, VINCENT J.



WETLANDS DELINEATION BY:  
D&TUM ENGINEERING & SURVEYING LLC  
RICHARD ZULICK R.S. S.S.  
400 NOTT HWY. ASHFORD, CT. 06278



**Standard Plot Plan Notes:**

- Parcel Owner: Mike Burzdek
- 67 Pine Knob Rd.
- The Indicated Existing Utilities are Based upon Limited Information. The Locations are Approximate and Not Guaranteed. All Utilities May Not Be Shown. Prior to Any Excavation, the Contractor shall Notify "CALL BEFORE YOU DIG" @ 1-800-452-4455
- Contractor Required to Field Verify All Dimensions, Elevation, Quantities and Details Prior To Any Construction
- Install erosion control, strip topsoil, stockpile if needed and install system
- If a "fill system" is proposed, the area over the proposed system shall be scarified prior to the placement of approved septic fill
- If different soil conditions are observed during construction, immediately notify Jones Engineering @ 860-621-0700
- System to be installed in accordance with the proposed elevations depicted on this plan and shall be inspected by the attending sanitarian prior to backfilling
- Grade site as to direct runoff away from the proposed house and septic system
- Secondary pipe from house to septic tank shall be 4" SDR 35 (ASTM D-3034) Effluent distribution pipe leaving the tank and to the leaching system to be 4" SDR 35 (ASTM D-3034)
- Tight joint footing drain pipe shall be 6" SDR 35 (ASTM D-3034) solid pipe or approved equal if within 2' of the proposed septic system
- Contractor or worker shall not drive over or park any equipment or vehicles over any part of the proposed system, or the area down gradient of the proposed system. The septic installer may do so only during construction of the proposed system.
- 40' inside footing drain inspection may determine a footing drain is required
- Benchmark to be set at time of stakeout
- No known pollution source is within 100' of a proposed well. All known existing wells and septic systems on adjacent properties are over 15' away
- Domestic wells shall be 25 feet from perforated footing drains

**Erosion & Sedimentation Notes:**

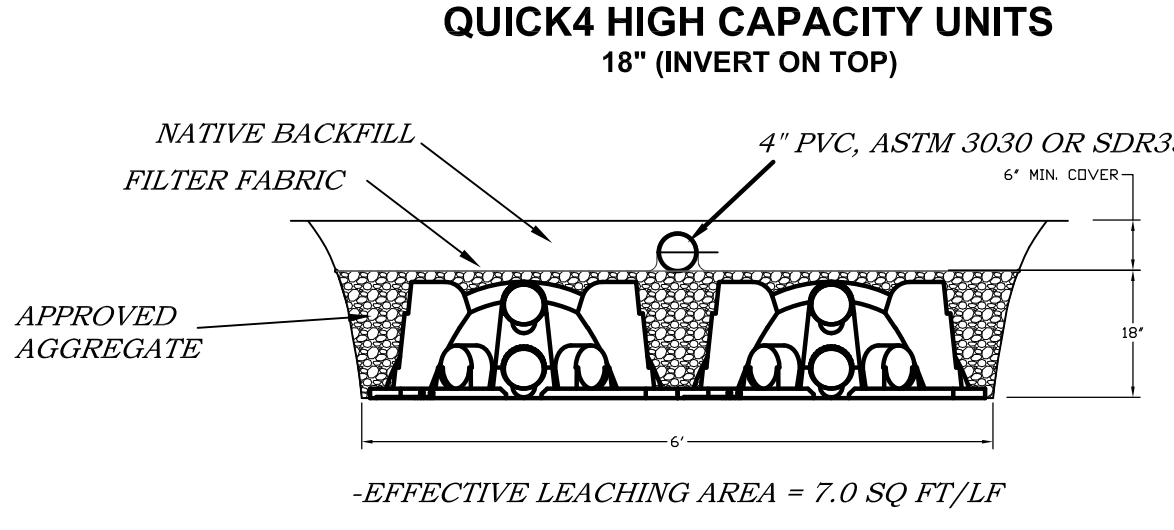
- Land disturbance shall be kept to a minimum. Re-stabilization shall be scheduled as soon as practicable. For those areas which are left exposed for more than 30 days, temporary seeding for stabilization shall be utilized. Annual Degradation (or approved equal) may be utilized
- Slopes shall be restricted to 2 horizontal: 1 vertical (maximum) or better through grading and/or retaining walls
- Disturbed areas, except paved areas, shall be loamed (4" min. depth) and seeded or mulched
- Erosion and sedimentation control measures shall be constructed in accordance with the standards and specifications of the erosion and sedimentation control handbook as amended to date
- The application and specific details of the erosion and sedimentation control shall follow the CT Council on soil and water conservation manual entitled "2002 Connecticut Guidelines for Soil and Erosion Control", as amended to date
- All control measures shall be maintained in effective condition throughout the construction period
- Additional control measures shall be installed during the construction period if deemed necessary by the Town Planner and/or the Town Engineer
- Sedimentation barrier to be "Timber" 150 Grade, Staked Hydraulic Silt Sox, or Approved Equal
- Sedimentation barrier to be installed as shown on this plan prior to any construction. Individual Plot Plans for each lot shall contain detailed delineation of siltation barriers, including any additional erosion controls as deemed necessary
- Contractor is responsible for correcting any unforeseen field conditions
- All construction shall conform to the standards of the municipality
- Mike Honeyman or its duly authorized agent is responsible for notifying the Town Planning and Engineering Departments at least Twenty Four (24) hours in advance of the start of any construction activity
- Mike Burzdek or its duly authorized agent is assigned the responsibility for implementing this erosion and sedimentation control plan. This responsibility includes the installation and maintenance of control measures, informing all parties engaged on the construction site of the requirements and objectives of the plan, notifying the Town Planning and Engineering Offices of any transfer of this responsibility, and for conveying a copy of the erosion and sedimentation control plan if the title of the land is transferred
- Sediment control: Temporary pervious barriers, using Hay Bales, Silt Fence or Silt Sox, held in place with wooden stakes shall be used at all areas where storm water containing suspended sediment could drain off site
- Silt Fence: Hay Bales and/or Silt Sox to be installed prior to commencement of construction operations. Any Damaged Barriers shall be replaced and/or reset immediately following damage
- Pursuant to the regulations, a layer of topsoil shall be spread over the excavated area, loamed and seeded four (4) inches minimum in depth in accordance with the approved contour plan
- If over five (5) acres are to be disturbed at one time, the site contractor shall obtain a NPDES storm water permit
- Every reasonable precaution shall be exercised throughout the period of driveway construction to prevent contour and siltation erosion, siltation, sedimentation and pollution of all waters

**MINIMUM SEPARATING DISTANCES FROM SEPTIC SYSTEMS**

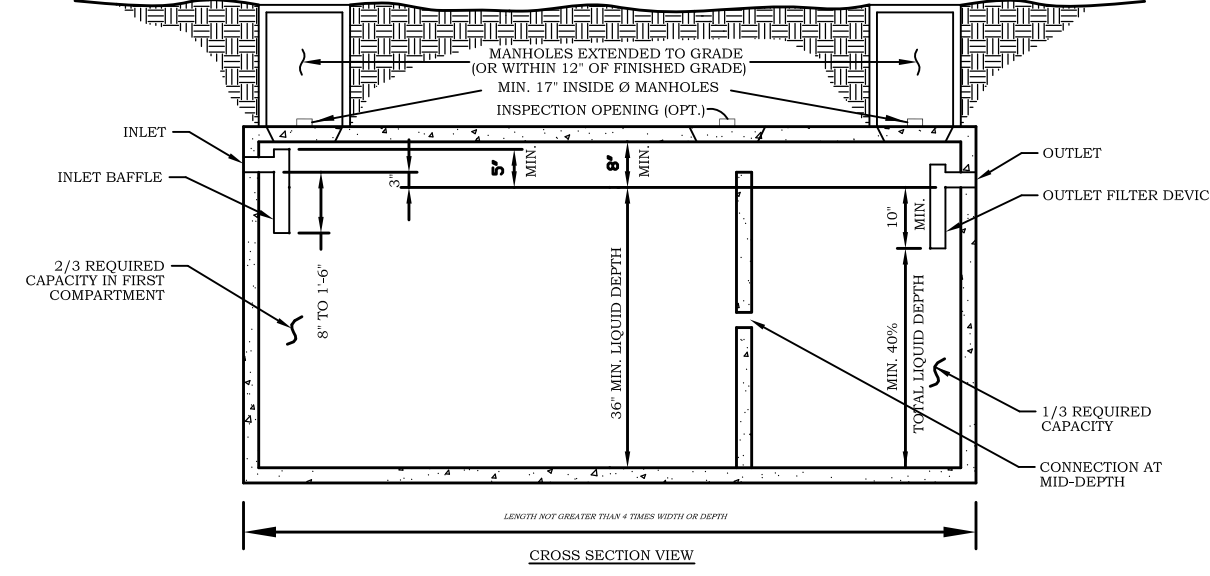
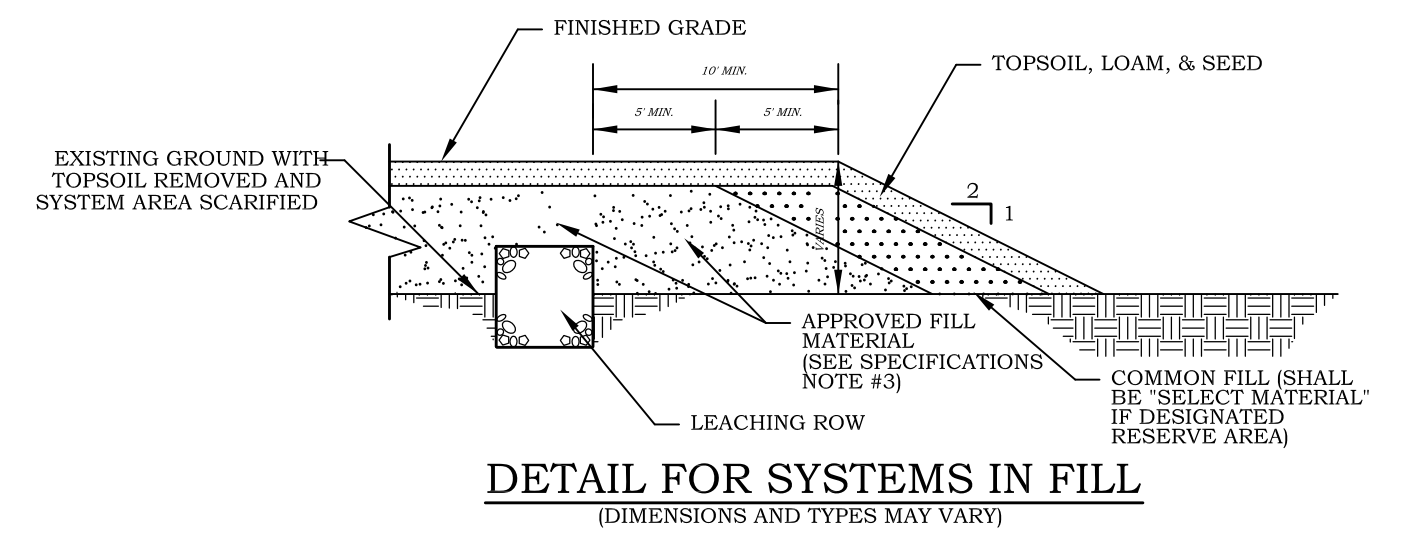
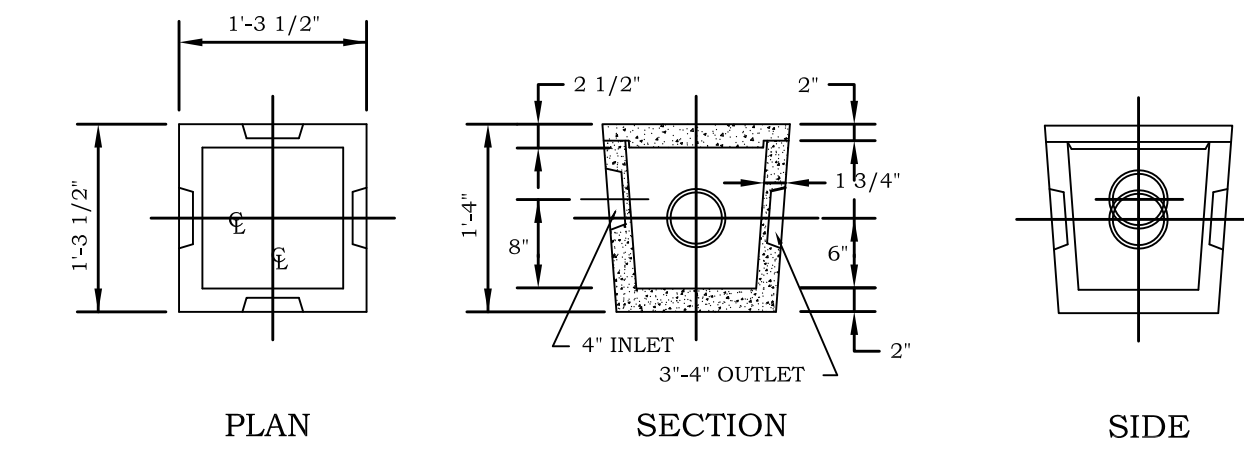
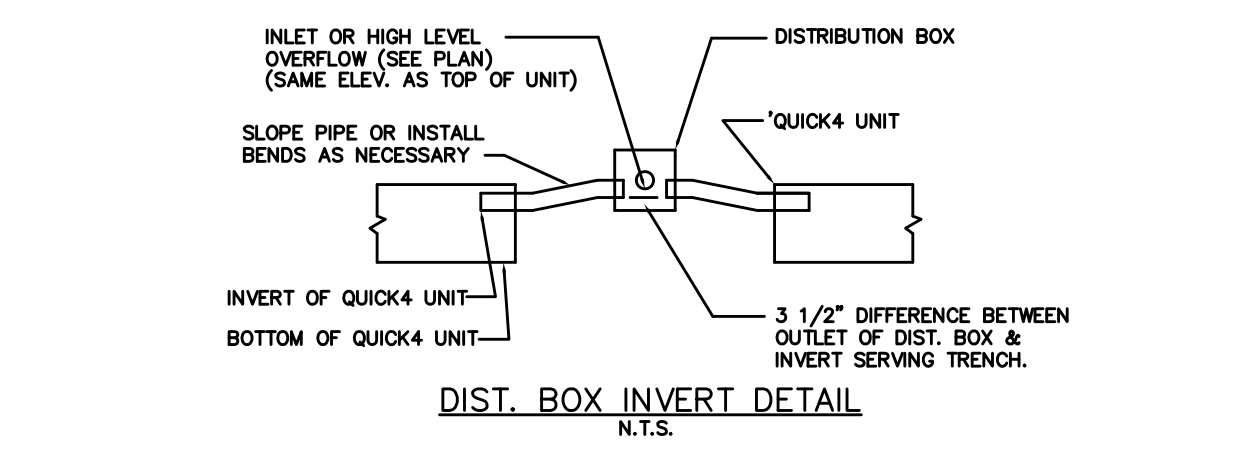
1. BUILDING SERVED - TO LEACHING SYSTEM: NO FOOTING DRAIN	15'
W/ANY DOWNGRADIENT DRAINAGE SYSTEM LEAKS, OPEN JOINTS, PERFORATED, SLOTTED, PEROUS OR FREE DRAINING BACKFILL MATERIAL	50'
* TO SEPTIC TANK: NO FOOTING DRAIN	25'
W/FOOTING DRAIN	15'
2. HUMAN HABITATION OTHER THAN BUILDING SERVED	15'
3. ANY OPEN WATER COURSE - SUBDIVISION PRIOR TO AUGUST 16, 1982	25'
SUBDIVISION AFTER AUGUST 16, 1982	50'
4. PUBLIC WATER SUPPLY RESERVOIR	100'
5. WELL SPRING OR DOMESTIC WATER SUCTION PIPE	150'
A. WHEN PERC RATE OF SOIL IS FASTER THAN 1 MIN/INCH	75'
B. REQUIRED WITHDRAWAL RATE	150'
UNDER 10 GAL. PER MINUTE	75'
10 TO 50 GAL. PER MINUTE	150'
OVER 50 GAL. PER MINUTE	200'
6. ANY SURFACE OR GROUNDWATER DRAIN CONSTRUCTED OF SOLID PIPE	25'
LOOSE OR OPEN JOINTED PIPE (DRAIN DOWN GRADIENT OF SYSTEM)	50'
SOLID PVC PIPE, GULLED OR WITH RUBBER COMPRESSION GASKET SEAL	10'
7. TOP OF CUT OR FILLED EMBANKMENT	10'
8. PROPERTY LINE	10'
DOWN GRADIENT	25'
9. POTABLE WATER AND/OR IRRIGATION LINES UNDER PRESSURE	10'
10. ACCESSORY STRUCTURE (NO FOOTINGS OR FOUNDATION DRAINS)	10'
11. BELOW GROUND SWIMMING POOL	25'
ABOVE GROUND SWIMMING POOL	10'

REFER TO THE TECHNICAL STANDARDS LATEST REVISIONS, TO ENSURE COMPLIANCE WITH THE STATE HEALTH CODE SPECIFICATIONS

- CONSTRUCTION METHODS: CARE SHALL BE TAKEN BEFORE AND DURING CONSTRUCTION TO MINIMIZE COMPACTION AND DISTURBANCE OF THE EXISTING GROUND. SOIL CONDITIONS SHALL BE DRY DURING CONSTRUCTION. BOTTOM AND SIDES OF TRENCHES TO BE RAKED TO A DEPTH OF ONE INCH AND LOOSE MATERIAL REMOVED BEFORE PLACING STONE
- FINAL GRADING AND ROOF WATER: FINAL GRADING SHALL BE DONE IN A MANNER THAT WILL PROTECT THE SYSTEM FROM SURFACE WATER INFILTRATION. THE ENTIRE AREA OF THE SYSTEM SHALL BE IMMEDIATELY SEEDED TO A THICK COVER. ALL ROOF DRAINAGE WATER SHALL BE DIRECTED AWAY FROM LEACHING SYSTEM AS SHOWN ON PLAN
- SELECT FILL MATERIAL AND SELECT BACKFILL MATERIAL. PLACED WITHIN AND ADJACENT TO PROPOSED LEACHING AREAS SHALL BE COMPRISED OF CLEAN SAND AND GRAVEL, FREE FROM ORGANIC MATTER AND FOREIGN SUBSTANCES. THE FILL MATERIAL SHALL MEET THE FOLLOWING REQUIREMENTS UNLESS OTHERWISE APPROVED BY A PROFESSIONAL ENGINEER FOR USE WITHIN THE LEACHING AREA
  - UP TO 45% OF THE DRY WEIGHT OF THE REPRESENTATIVE SAMPLE MAY BE RETAINED ON #4 SIEVE (THIS IS THE GRAVEL PORTION OF THE SAMPLE)
  - THE MATERIAL THAT PASSES THE #4 SIEVE IS THEN REEVALUATED AND THE SIEVE ANALYSIS STARTED
  - THE REMAINING SAMPLE SHALL MEET THE FOLLOWING GRADATION CRITERIA:



- NOTES:
- CENTER-TO-CENTER TRENCH SPACING = 12 FEET
  - INSTALL PER INFILTRATOR WATER TECHNOLOGIES INSTALLATION INSTRUCTIONS
  - CT STONE SPECIFICATION: ONE-INCH BROKEN STONE OR ONE-INCH SCREENED GRAVEL
  - DETAIL IS VALID FOR: QUICK4 HIGH CAPACITY



- MINIMUM SIZE
- 3 BEDROOMS - 1000 GALLONS
  - 4 BEDROOMS - 1250 GALLONS
  - 5 BEDROOMS - 1500 GALLONS
- NOTE: ALL SEPTIC TANKS INSTALLED AFTER JANUARY 1, 1990

PRELIMINARY

FILE NUMBER	SHEET NUMBER
219136	3 of 3

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

NOT VALID UNLESS EMPLOYED SEAL IS AFFIXED HEREON.

APPROVED:

FRANK J. CHILIT, CIVIL ENGINEER, LICENSE NO. 12329

PEL. REG. NO. 22888

REVISIONS:

DATE	DATE	DATE	DATE	DATE

SCALE: 1"=20'

DATE: 1/20/2021

DRAWN BY: JEJ

CHECKED BY: CRJ

EXISTING CONDITIONS SURVEY

PREPARED FOR: MATTHEW S. & AMY L. BURZDAK

67 PINE KNOB RD. SOMERS, CONNECTICUT

JONES ENGINEERING LLC

CIVIL ENGINEERING & LAND SURVEYING

92 NORTH SUMMIT ST., SUITE 2A PHONE: (860) 621-0700 P.O. BOX 249 FAX: (860) 621-6066 SOUTHTONINGTON, CT 06489