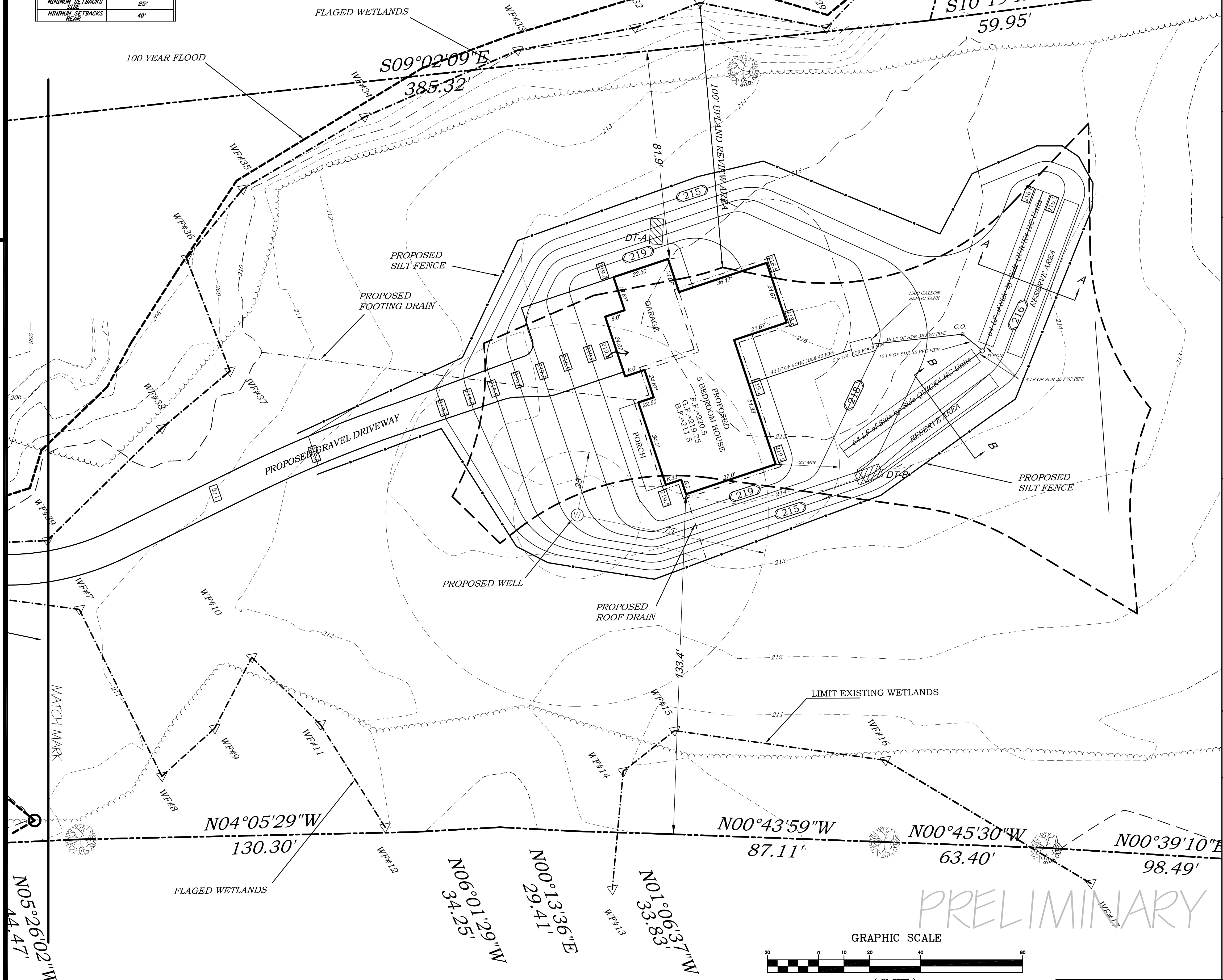


Zoning Information Zone R-1	
	REQUIRED
MINIMUM LOT AREA	
MINIMUM LOT WIDTH	
BUILDING COVERAGE	25%
MINIMUM SETBACKS FRONT	50'
MINIMUM SETBACKS SIDE	25'
MINIMUM SETBACKS REAR	40'

N/F. PELLEGRINI, BENJAMIN F.



SOIL TEST DATA

PERCOLATION TESTS WERE PERFORMED BY JONES ENGINEERING LLC ON 1/26/2021
 P.T. A 11.4 MIN/INCH - 18" DEEP
 P.T. E 10 MIN/INCH - 18" DEEP

DEEP TESTS PERFORMED ON 11/4/2020 BY PLAINVILLE-SOUTHINGTON HEALTH DISTRICT & WITNESSED BY JONES ENGINEERING, LLC
 D.T. A - Slope = A
 0-9" AP - Topsoil
 9-24" Bw - Fine Sandy Loom - Friable
 12-27" Bc - Sandy Loom Till - Somewhat Friable
 27-72" Cd - Sandy Loom Till - Very Firm
 NO LEDGE
 Ground Water Estimated at 24 - 26"

D.T. B - Slope = A
 0-9" AP - Topsoil
 9-24" Bw - Fine Sandy Loom - Friable
 24-68" Cd - Sandy Loom Till - Very Firm
 NO LEDGE
 Ground Water Estimated at 24 - 26"
 RESTRICTIVE LAYER AT 24"

SEPTIC SYSTEM SPECIFICATIONS:
 NUMBER OF BEDROOMS IN HOUSE: 4
 LEACHING SYSTEM DESIGNED FOR: 5
 PERCOLATION RATE OF 100-200 MIN/INCH
 SQUARE FEET OF LEACHING AREA REQUIRED: 900 S.F.
 MINIMUM LEACHING SYSTEM SPREAD:
 FLOW FACTOR: 2
 PERC. FACTOR: 1.25
 HYDRAULIC FACTOR: 42 (Avg. Slope: 3.1%)
 (Rest. Layer: 24")
 M.L.S.S. = (FF * PF * HF) = 105 LF.
 PROVIDED = 128 LF (Includes 1' of stone at ends)

2 - 64 LF ROWS OF SIDE BY SIDE QUICK4 HIGH CAPACITY LEACHING UNITS PROVIDING 909 S.F. OF EFFECTIVE LEACHING AREA (900 S.F. REQUIRED) SHALL BE CONSTRUCTED AS SHOWN ON THIS PLOT PLAN AND JONES ENGINEERING, LLC DETAIL SHEET.

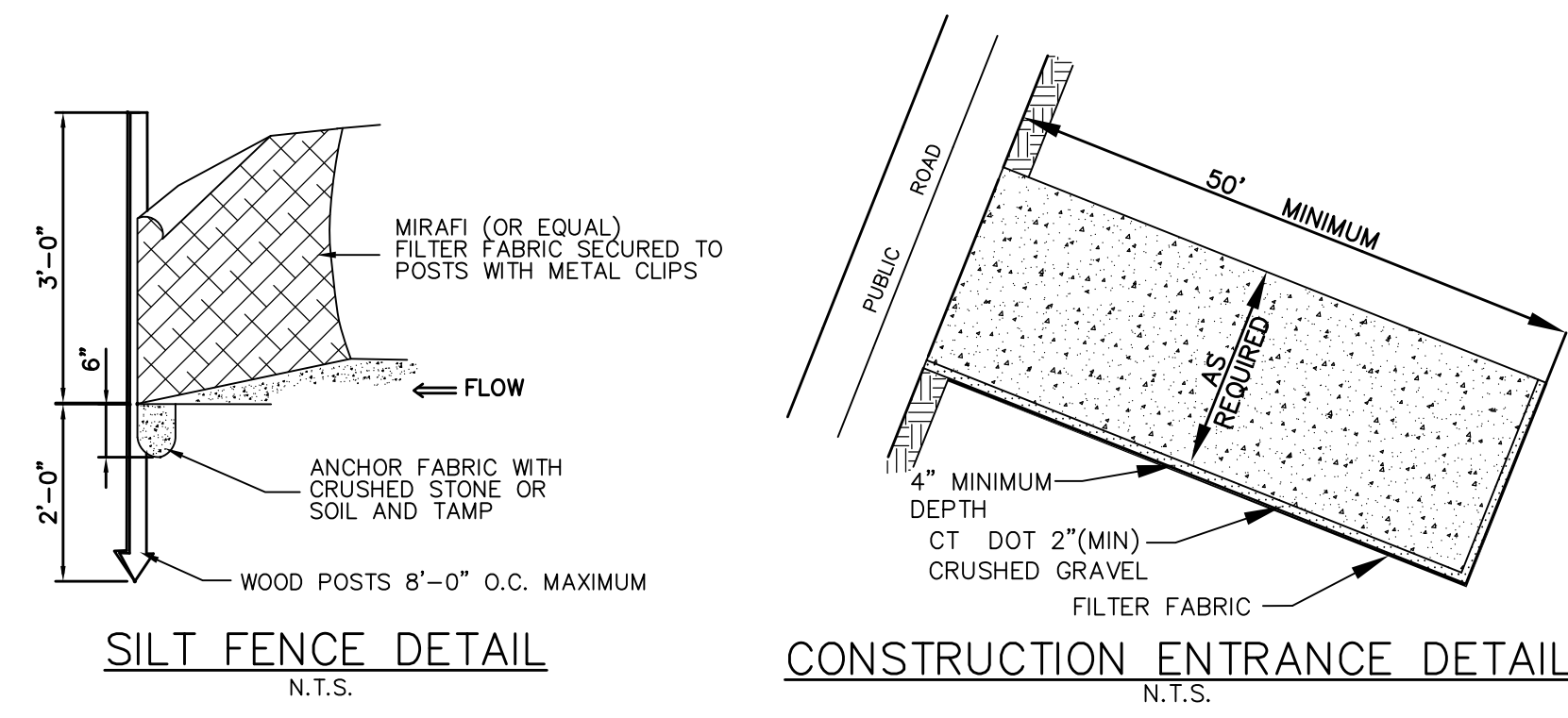
SIDE BY SIDE QUICK4 HIGH CAPACITY LEACHING UNITS TO BE LAID ALONG FINAL GRADES, GRADE TO DIRECT WATER AWAY FROM HOUSE & SYSTEM. NOTIFY THE TOWN HEALTH DEPARTMENT PRIOR TO CONSTRUCTION, AT LEAST 24 HOURS IN ADVANCE.

SEPTIC TANK DESIGN CRITERIA:
 NUMBER OF BEDROOMS: 5 BDR=1,000 GAL
 GARAGE GRINDER: NO
 LARGE RUB: NO
 TOTAL TANK VOLUME: 1,500 GAL

NOTES:
 1.) MAX. DEPTH OF SYSTEM INTO EXIST. GRADE IS TO BE 6'.
 2.) SEPTIC TANK SHOULD BE PUMPED EVERY TWO YEARS.
 3.) IF WATER SOFTENER IS INSTALLED DISCHARGE INTO SEPTIC TANK IS PROHIBITED. DUE TO SALT CONTENT IT MUST HAVE IT'S OWN LEACHING SYSTEM SEPARATE FROM THE SEWAGE DISPOSAL SYSTEM.

PRIMARY SEPTIC SYSTEM DESIGN ELEVATIONS

INVERT AT FOUNDATION	217.50±
INVERT SEPTIC TANK (IN)	216.50
INVERT SEPTIC TANK (OUT)	216.25
D-BOX 1 (IN)	215.22
D-BOX 1 (OUT) TO QUICK4	215.05
QUICK4 SIDE BY SIDE HIGH CAPACITY (HIGH INVERT)	214.98



WETLANDS NOTE:
 WETLANDS DELINEATION BY:
 DATUM ENGINEERING & SURVEYING LLC.
 RICHARD ZULICK R.S. S.5.
 400 NOTT HWY. ASHFORD, CT. 06278

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

NOT VALID UNLESS EMBOSSED SEAL IS AFFIXED HEREON.
 AFFIXED SEAL IS:
 FRANK J. CAHILL, CT.
 JAMES E. JONES, CT. L. REG. NO. 12329 DATE

ENGINEER'S SEAL

NOT VALID UNLESS EMBOSSED SEAL IS AFFIXED HEREON.
 EMBOSSED SEAL IS:
 FRANK J. CAHILL, CT.
 JAMES E. JONES, CT. L. REG. NO. 12329 DATE

REVISIONS:

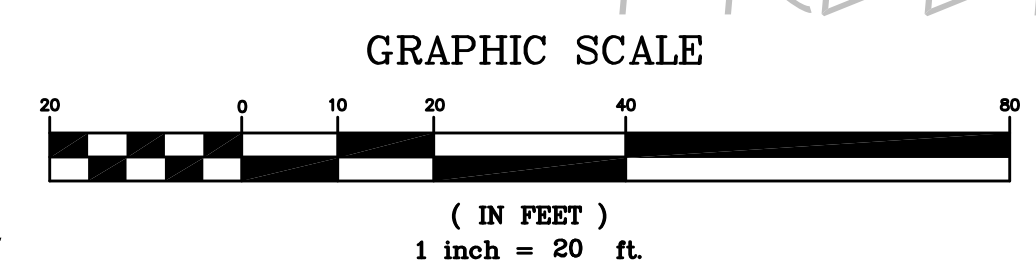
DATE	DATE	DATE	DATE	DATE

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
 SOUTHINGTON, CT 06489

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

FILE NUMBER	SHEET NUMBER
219136	2 of 3



N/F. KLEZOS, VINCENT J.

PRELIMINARY