

LEGEND

- 520 --- EXISTING GROUND
- 520 --- PROPOSED GRADE
- ⊙ EXISTING WELL
- DRAINAGE FLOW
- SF --- SF --- SUPER SILT FENCE
- LIMIT OF DISTURBANCE
- SF --- SF --- SILT FENCE
- ⊙ EX. TREE TO REMAIN
- [SCE] STABILIZED CONSTRUCTION ENTRANCE
- ECM --- EROSION CONTROL MAT

Total linear feet of trench required 180 feet
 Width of trench(es) 2 feet
 Depth of trench(es) 7 1/2 feet
 Depth of stone required below distribution pipe 4 feet

1:50 PLAN BY LDE

SEWAGE SYSTEM DESIGN DATA:

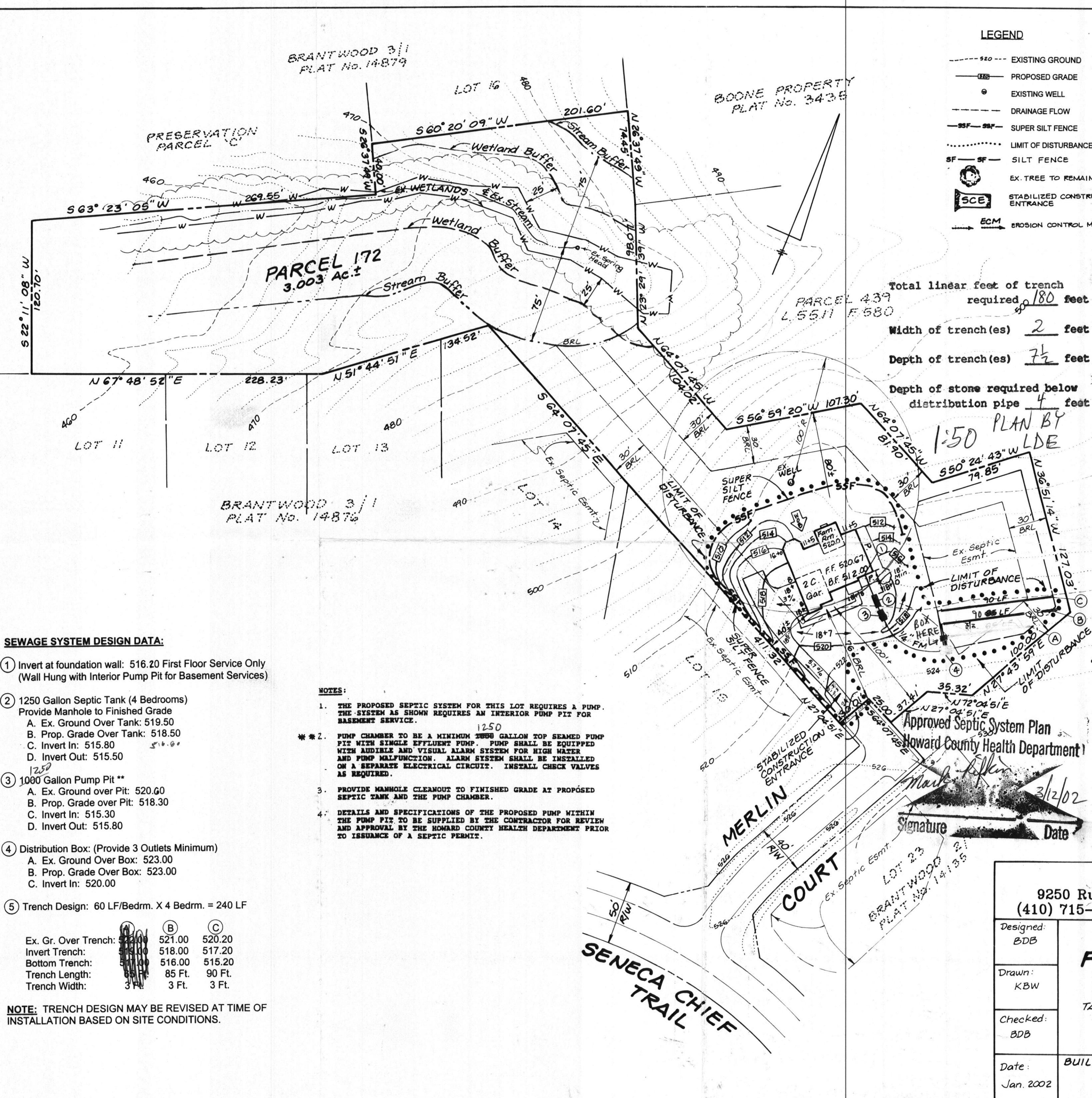
- ① Invert at foundation wall: 516.20 First Floor Service Only (Wall Hung with Interior Pump Pit for Basement Services)
- ② 1250 Gallon Septic Tank (4 Bedrooms)
 Provide Manhole to Finished Grade
 A. Ex. Ground Over Tank: 519.50
 B. Prop. Grade Over Tank: 518.50
 C. Invert In: 515.80
 D. Invert Out: 515.50
- ③ 1000 Gallon Pump Pit **
 A. Ex. Ground over Pit: 520.60
 B. Prop. Grade over Pit: 518.30
 C. Invert In: 515.30
 D. Invert Out: 515.80
- ④ Distribution Box: (Provide 3 Outlets Minimum)
 A. Ex. Ground Over Box: 523.00
 B. Prop. Grade Over Box: 523.00
 C. Invert In: 520.00
- ⑤ Trench Design: 60 LF/Bedrm. X 4 Bedrm. = 240 LF

	(B)	(C)
Ex. Gr. Over Trench:	521.00	520.20
Invert Trench:	518.00	517.20
Bottom Trench:	516.00	515.20
Trench Length:	85 Ft.	90 Ft.
Trench Width:	3 Ft.	3 Ft.

NOTES:

1. THE PROPOSED SEPTIC SYSTEM FOR THIS LOT REQUIRES A PUMP. THE SYSTEM AS SHOWN REQUIRES AN INTERIOR PUMP PIT FOR BASEMENT SERVICE.
- ** 2. PUMP CHAMBER TO BE A MINIMUM 1250 GALLON TOP SEAMED PUMP PIT WITH SINGLE EFFLUENT PUMP. PUMP SHALL BE EQUIPPED WITH AUDIBLE AND VISUAL ALARM SYSTEM FOR HIGH WATER AND PUMP MALFUNCTION. ALARM SYSTEM SHALL BE INSTALLED ON A SEPARATE ELECTRICAL CIRCUIT. INSTALL CHECK VALVES AS REQUIRED.
3. PROVIDE MANHOLE CLEANOUT TO FINISHED GRADE AT PROPOSED SEPTIC TANK AND THE PUMP CHAMBER.
4. DETAILS AND SPECIFICATIONS OF THE PROPOSED PUMP WITHIN THE PUMP PIT TO BE SUPPLIED BY THE CONTRACTOR FOR REVIEW AND APPROVAL BY THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO ISSUANCE OF A SEPTIC PERMIT.

NOTE: TRENCH DESIGN MAY BE REVISED AT TIME OF INSTALLATION BASED ON SITE CONDITIONS.



Approved Septic System Plan
 Howard County Health Department
 Signature: *Mark Keller*
 Date: 3/12/02

9250 Ru (410) 715-	
Designed: BDB	F TL
Drawn: KBW	
Checked: BDB	
Date: Jan. 2002	