

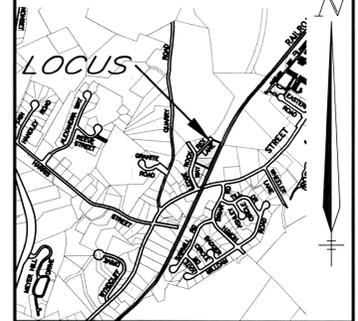
**PLAN VIEW:**

SCALE: 1"=20'  
 ZONING DISTRICT: NORTH ACTON VILLAGE  
 GROUNDWATER PROTECTION DISTRICT

**LEGEND:**

FF = FIRST FLOOR  
 TC = TOP OF CONCRETE  
 BF = BASEMENT FLOOR  
 GF = GARAGE FLOOR  
 TBR = TO BE REMOVED

**LOCUS PLAN:**



**INVERT ELEVATIONS:**

UNIT #	4" INV. @ DWELLING	4" INV. @ SEWER
A	180.23	
B	180.17	179.55
C	180.67	180.25
D	180.05	

6" INV. @ MANHOLE (OUT) = 178.83  
 6" INV. @ SEPTIC TANK (IN) = 178.73  
 6" INV. @ SEPTIC TANK (OUT) = 178.56  
 6" INV. @ PUMP CHAMBER (IN) = 178.00  
 2" INV. @ PUMP CHAMBER (OUT) = 177.75  
 2" INV. @ D.BOX (IN) = 179.38  
 4" INV. @ D.BOX (OUT) = 179.21

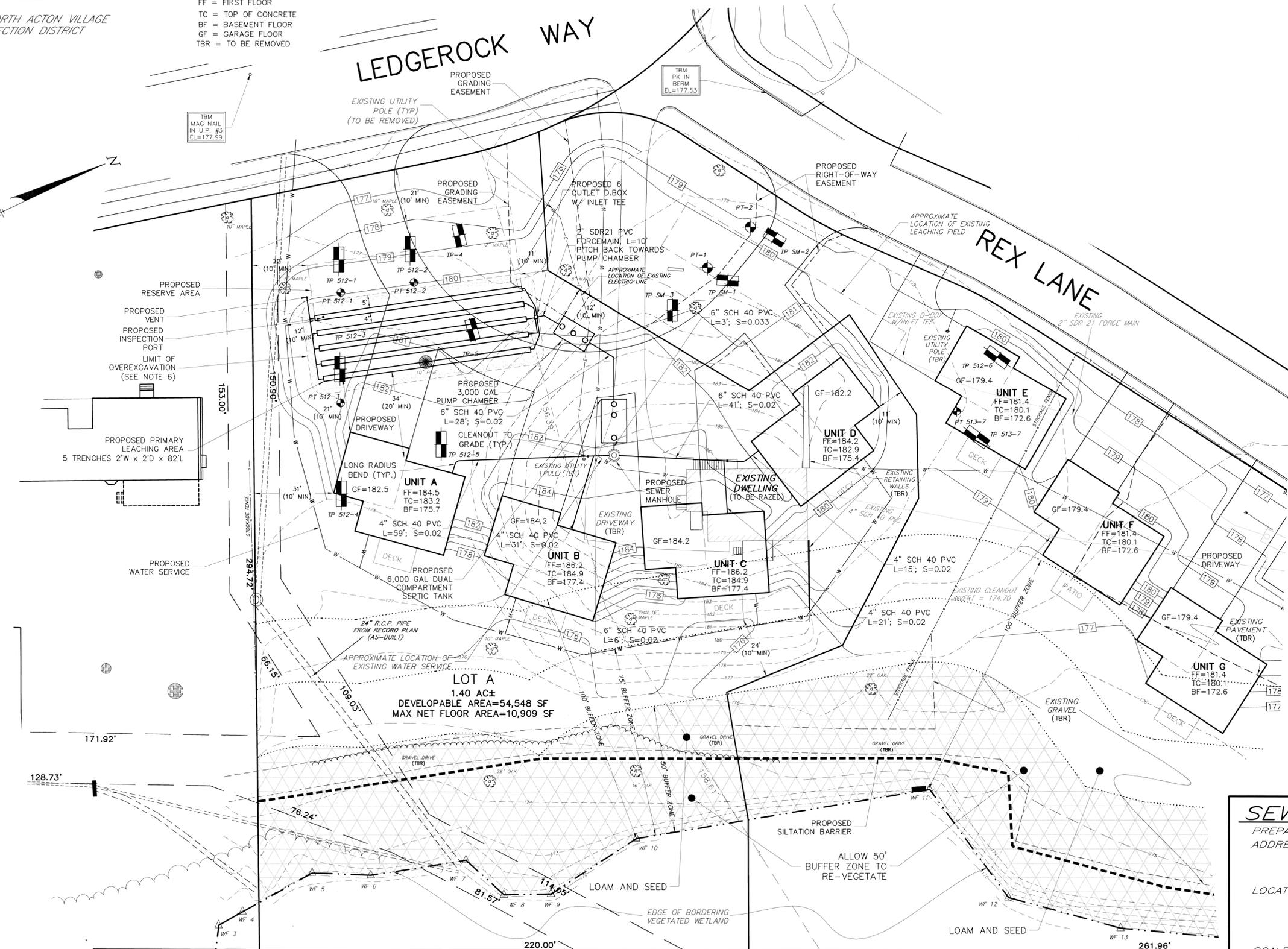
**AT LEACHING FACILITY:**  
 4" INV. @ BEGIN TRENCH = 179.01  
 4" INV. @ END TRENCH = 178.60  
 BOTTOM STONE = 176.60

**DESIGN DATA:**

**DESIGN FLOW:**  
 16 BR. X 110 GPD/BR = 1,760 GPD  
 NO GARBAGE DISPOSAL ALLOWED

**REQUIRED SEPTIC TANK:**  
 REQUIRED: 3,520 & 1,760 GAL=5,280 GAL  
 PROVIDED: 4,000 & 2,000 GAL=6,000 GAL  
**REQUIRED SIZE SOIL ABSORPTION SYSTEM: (PRIMARY & RESERVE)**  
 PT 2 = < 2 MIN/IN  
 1,760 GPD/0.74 GPD/S.F.=2,379 S.F.  
 1,000 S.F. MINIMUM PER ACTION BOH  
 SYSTEM NOT DESIGNED FOR GARBAGE GRINDER  
 TYPE AND SIZE OF SOIL ABSORPTION

**SYSTEM PROVIDED:**  
 PRIMARY & RESERVE:  
 5 TRENCHES: 2'W x 2'D x 82'L  
 5 TRENCHES x 6 S.F. x 82' =  
 2,460 S.F. > 2,379 S.F. O.K.



**SEWAGE DISPOSAL PLAN**

PREPARED FOR: JAMES REDMOND  
 ADDRESS: 5 LEDGEROCK WAY  
 ACTON, MA 01720  
 (978) 423-7958  
 LOCATION: 1-3 REX LANE, 7 LEDGEROCK WAY  
 ACTON, MA 01720  
 MAP C5, PARCEL 49 & 58-5

SCALE: AS SHOWN  
 DATE: OCTOBER 28, 2013

PREPARED BY: STAMSKI AND McNARY, INC.

CIVIL ENGINEERS LAND SURVEYORS  
 1000 MAIN STREET - ACTON, MA 01720  
 (978) 263-8585



DESIGNED BY: WJH DRAWN BY: WJH JOB No. SM-956 FILE: 956-SDS-D.DWG

