

1/4/02 - layout

1/10/02 PM

1/17/02 Final AM

3pm 5/23/02 pump test

ISSUE DATE: 12/5/2001

APPROVAL DATE: 5/23/02

PERMIT INDEXED

P 516435  
A 59276-N

ON-SITE SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

04-365186

S K Backhoe & Septic Service IS PERMITTED TO INSTALL  ALTER

ADDRESS: 1220 FSK Highway, Keymar 21757 PHONE NUMBER: 410-775-0562

SUBDIVISION: Peacefields at Cattail Creek LOT NUMBER: 11

ADDRESS: 15521 Cattail Oaks PROPERTY OWNER: Trinity Quality Homes

SEPTIC TANK CAPACITY (GALLONS): 1500

PUMP CHAMBER CAPACITY (GALLONS): ~~1500~~ 1500

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: ~~300~~ 260

TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Starting from the left rear lot corner, place the distribution box 100' down the left (150.94') lot line and 15' off this same lot line. Run (4) trenches on contour to right side of lot as shown on plan.
NOTES:	

PLANS APPROVED: MER 12/6/01 OK (RB) DATE: 10/18/01

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

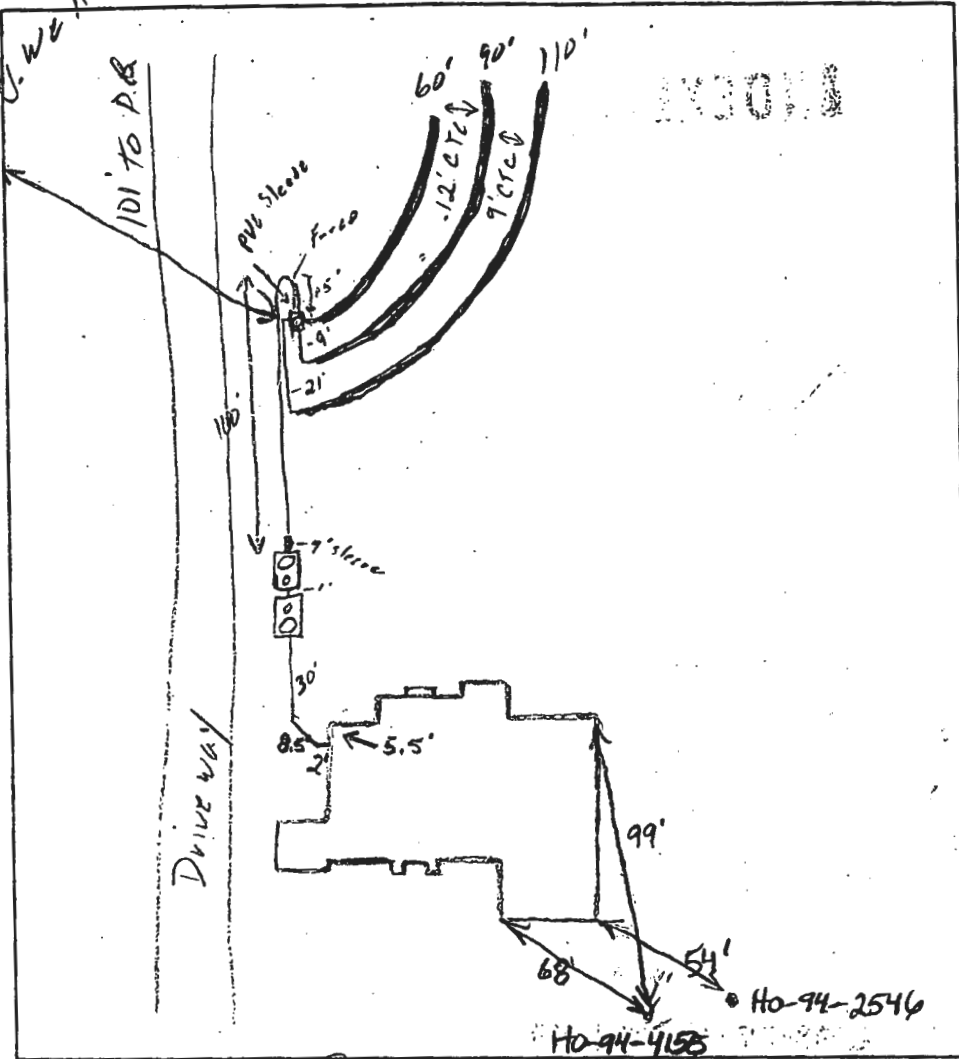
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

BUILDING PERMIT SIGNED AND RETURNED 5-18-02  
600135554-IG POOL  
REUSFA 8/21/02  
11/10/02 600155091-2 Story Addition

150.6  
100  
300

701 Well HO-81-1194

NOT TO SCALE



**TRENCH DATA**

TRENCH WIDTH	3'
TRENCH INLET DEPTH	2.5'
TRENCH BOTTOM DEPTH	4.5'
DEPTH OF STONE	2'
NUMBER OF TRENCHES	3
TOTAL TRENCH LENGTH	260
ABSORBENT AREA	780 sq ft
DISTRIBUTION BOX LEVEL	Yes
BAFFLE IN DISTRIBUTION BOX	Yes

**SEPTIC TANK DATA**

SEPTIC TANK	1500 T.G. GALLONS
MANHOLE RISER	Front - 3'
6 INCH INSPECTION PORT	Back

**PUMP CHAMBER DATA**

PUMP CHAMBER GALLONS	1500 T.G.
MANHOLE RISER	Back - 3'
ALARM	OPERATIONAL
PUMP PERFORMANCE TEST	✓

Cattail Oaks

PRE-CONSTRUCTION INSPECTION: 1/9/02 Area staked. To install as per

B.P. plan. Top trench may be off contour - O.K. (SB)

INSPECTION COMMENTS: 1/10/02 Tanks set. OK to cover up to P.T. (SC)

1/17/02 OK to cover all work. Pump & Alarm Tests

needed (SC) 5/23/02 Pump Check & Alarm test completed (SB)

INSPECTOR Steven R. Krieg

DATE SYSTEM APPROVED 5/23/02

DATE PROJECT OVERSIGHT

DATE SYSTEM APPROVED

System Plan  
Health Department

10/18/01  
Date

ACCESS EASEMENT FOR THE USE  
OF LOTS 12, 13, 14, BUILDABLE  
PRESERVATION PARCEL B AND  
CEMETARY LOT 15.

602°42'42"E 102.78'

49,090 SF

30' BRL

HIGH TRENCH

INV IN 547.5

Dist. Box

40'

Pump Tank

Inv. = 547.0

2000 Gal. Septic Tank

Inv. IN = 543.5

Inv. OUT = 543.2

RELOCATED  
Pool

HIGHLAND MANOR  
ELEV. 1

FF 551.00

B- 541.00

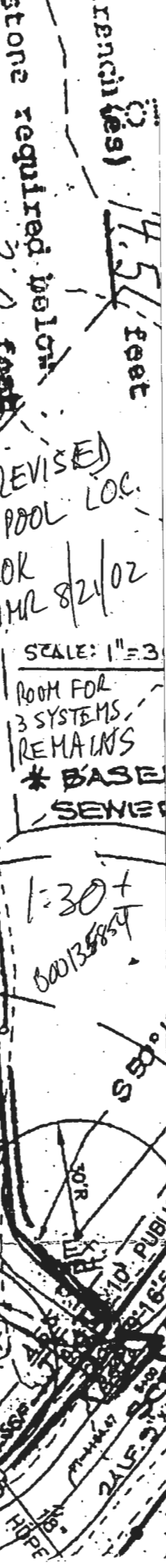
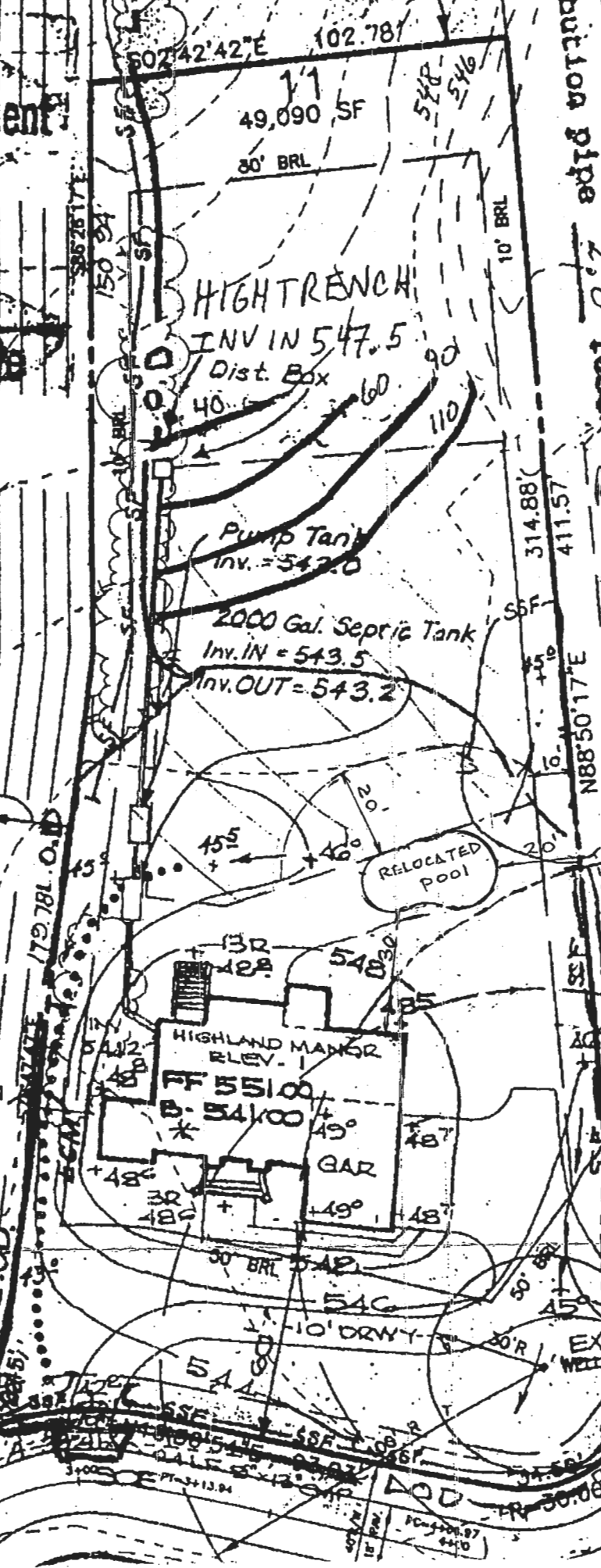
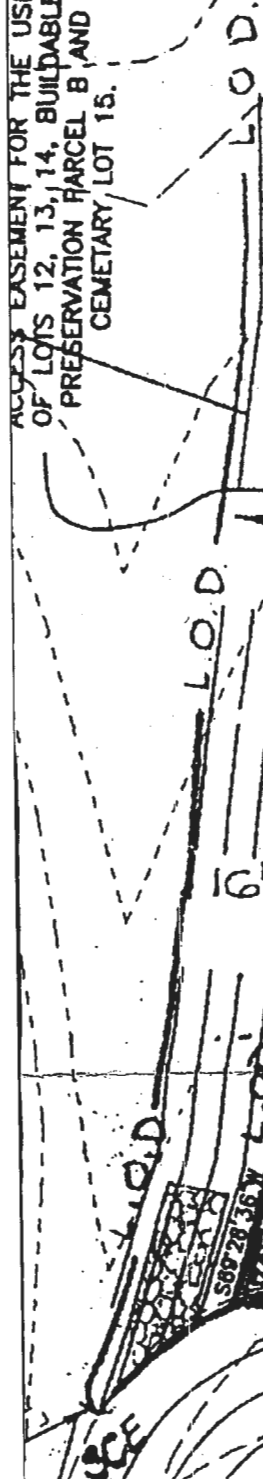
GAR

store required below  
lubrication pipe 2.0 foot

REVISIED  
POOL LOC.  
OK  
MR 8/21/02

SCALE: 1" = 3'  
ROOM FOR  
3 SYSTEMS  
REMAINS  
\* BASE  
SEWER

1:30+  
000135839



Approved Septic System Plan  
 Howard County Health Department

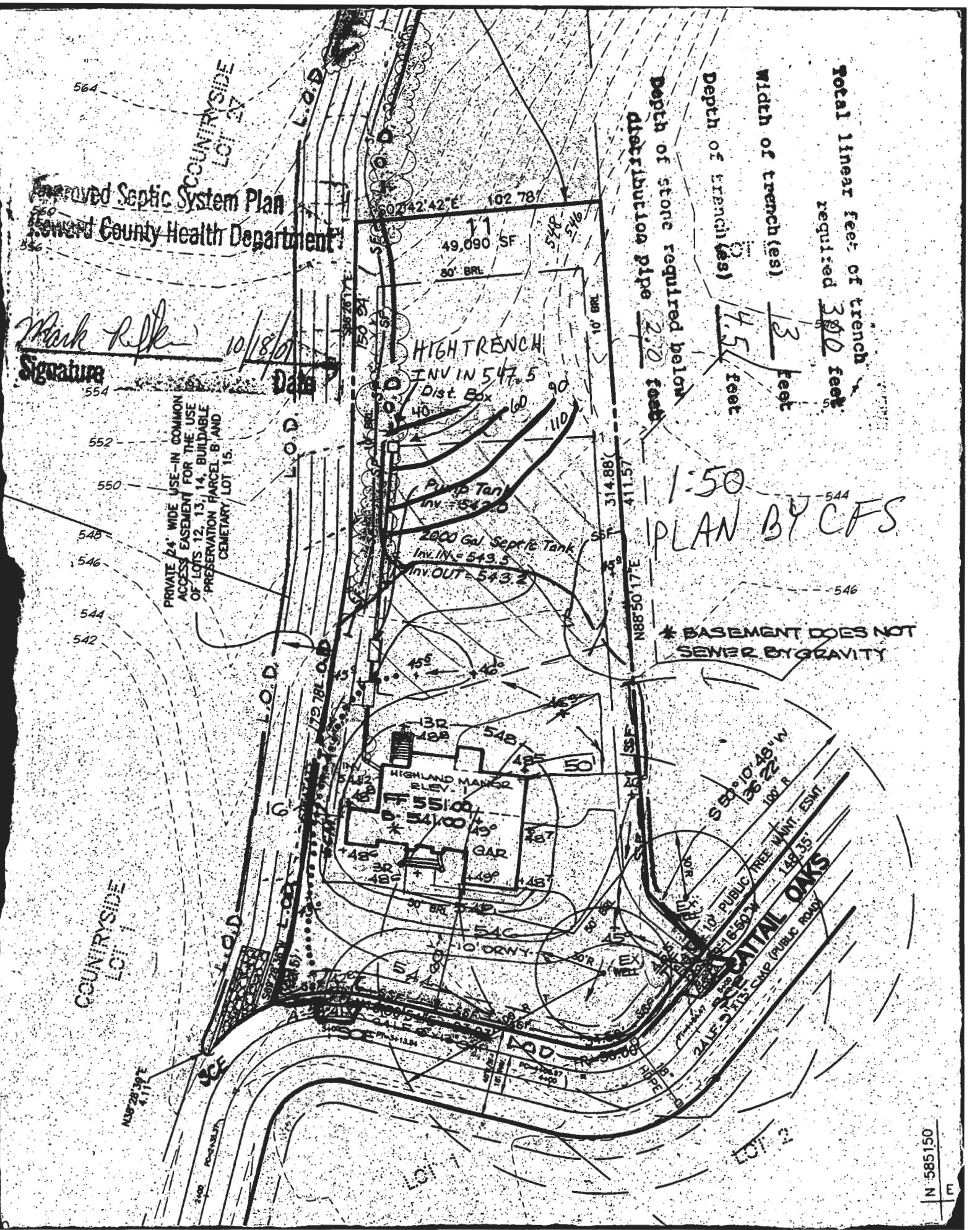
*Mark R. [Signature]*  
 Signature  
 10/18/01  
 Date

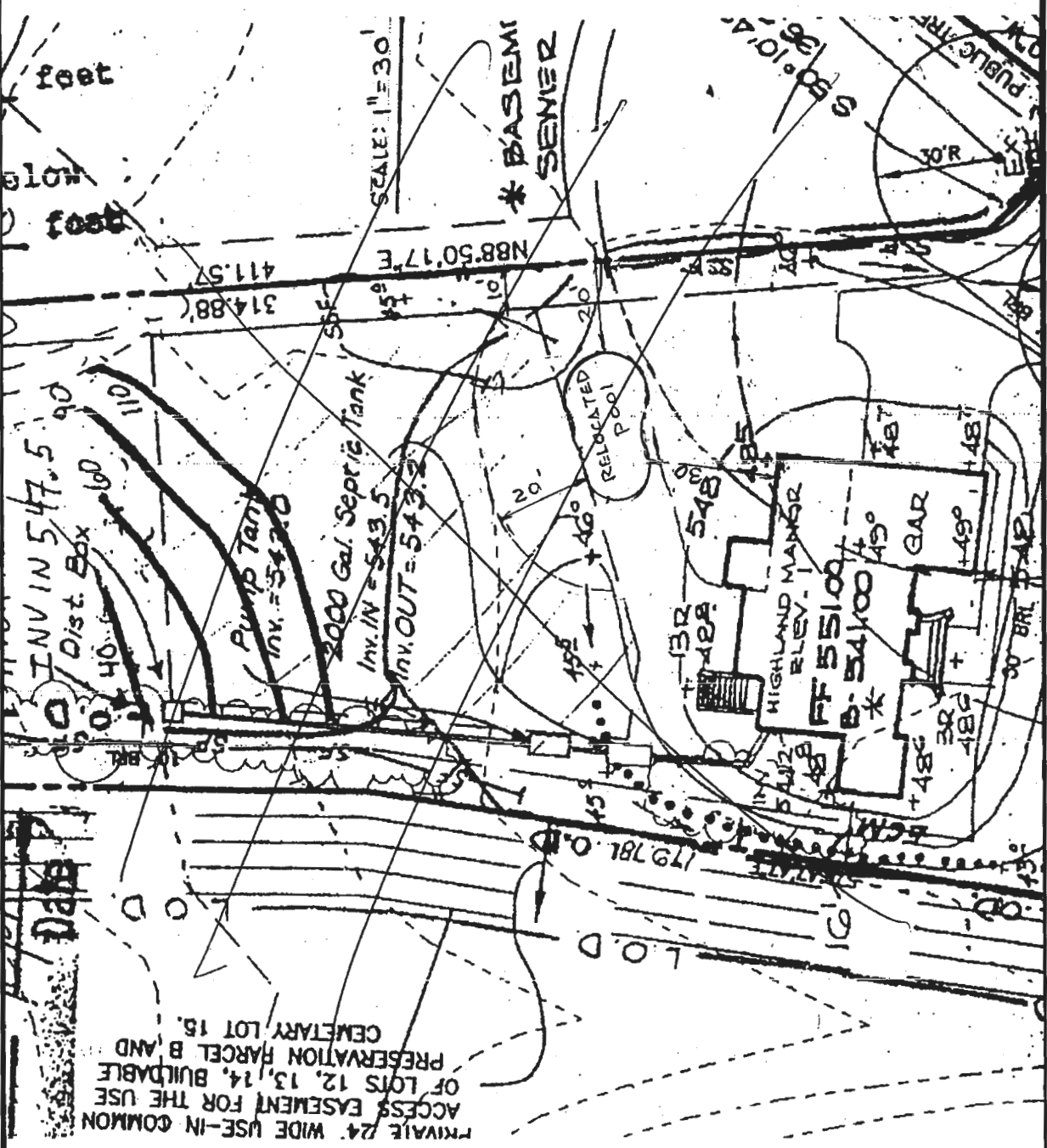
PRIVATE 24' WIDE USE-IN COMMON  
 ACCESS EASEMENT FOR THE USE  
 OF LOTS 12, 13, 14, BUILDABLE  
 PRESERVATION PARCEL B AND  
 CEMETARY LOT 15.

Total linear feet of trench required 380 feet  
 Width of trench(es) 13 feet  
 Depth of trench(es) 4.5 feet  
 Depth of stone required below distribution pipe 2.0 feet

1:50  
 PLAN BY CFS

\* BASEMENT DOES NOT  
 SEWER BY GRAVITY





DATA

PRIVATE 24' WIDE USE-IN COMMON  
ACCESS EASEMENT FOR THE USE  
OF LOTS 12, 13, 14, BUILDABLE  
PRESERVATION PARCEL B, AND  
CEMETARY LOT 15.

Rec'd  
HCHD  
8/21/02