

LAYOUT 5/26/10 INSP 4 \_\_\_\_\_  
 INSP 2 5/27/10 INSP 5 \_\_\_\_\_  
 INSP 3 6/9/10 INSP 6 \_\_\_\_\_

ISSUE DATE: 4/6/2010

# PERMIT

P 532583

APPROVAL DATE: 6/10/2010

A 514619

Tax ID #05448212

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

Charles A. Klem + Sons IS PERMITTED TO INSTALL  ALTER

ADDRESS: \_\_\_\_\_ PHONE NUMBER: 410-549-6960

SUBDIVISION: The Preserve at Clarksville LOT NUMBER: 9

ADDRESS: 12606 Grovewood Court PROPERTY OWNER: Thomas Young

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: 7125

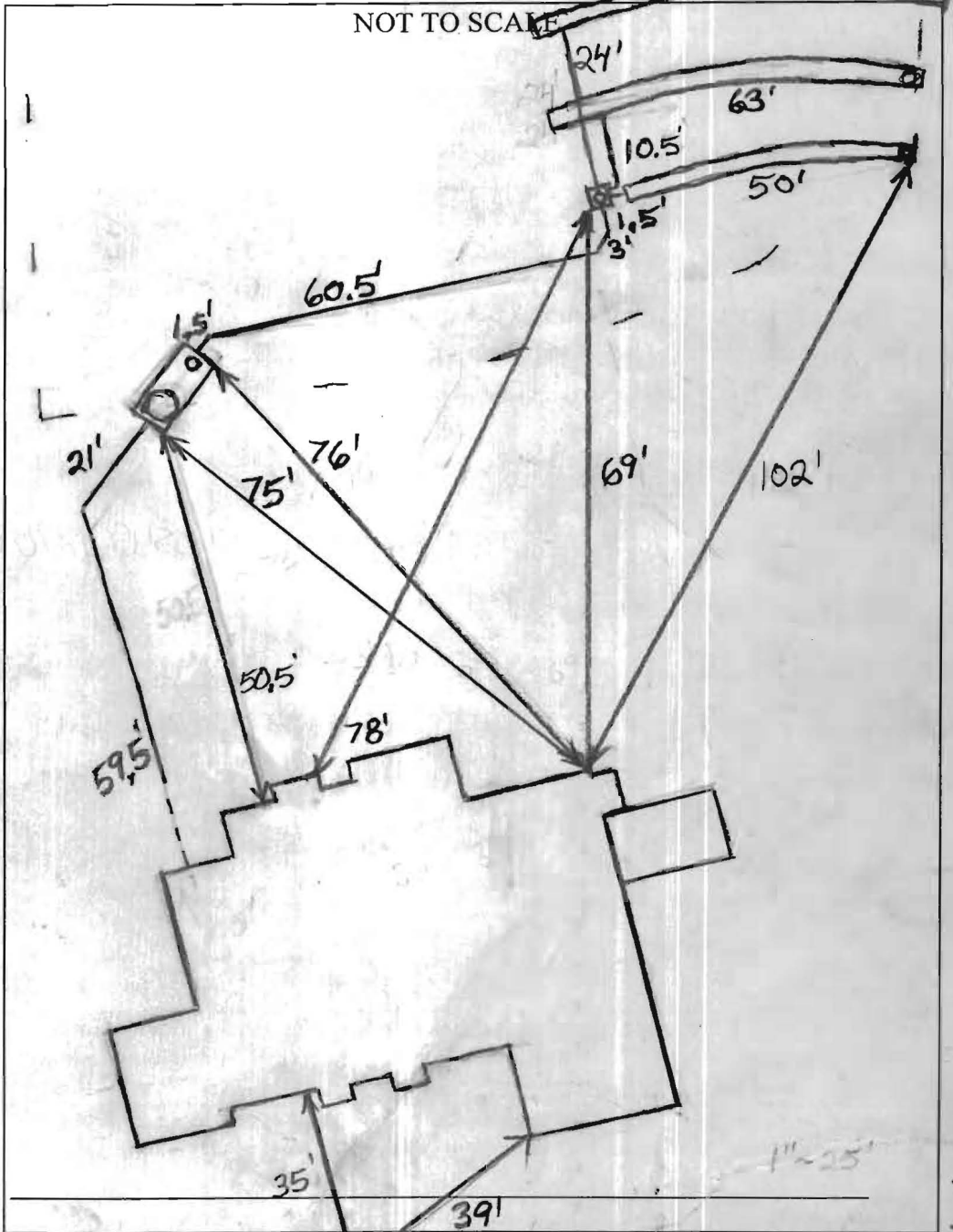
LINEAR FEET OF TRENCH REQUIRED: 175 50', 60' and 65'

|           |   |
|-----------|---|
| TRENCHES: | Trenches to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below grade. Effective area begins at 3.5 feet below original grade with 3.0 feet of stone below distribution pipe.  |
| LOCATION: | Set septic tank at least 30' feet from foundation. Set distribution box about 60' from southwest corner of septic reserve. Install 2x60' and 1x55' trenches on contour.   |
| NOTES:    | <b>Do not</b> order the septic tank until after layout inspection and Sanitarian approval. Stake septic easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet. |

PLANS APPROVED: Dana Bernard DATE: 9/21/09

- 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 OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**



| TRENCH/DRAINFIELD DATA  |       |                |
|-------------------------|-------|----------------|
| WIDTH                   | INLET | BOTTOM         |
| 3'                      | 5'    | 7'             |
| NUMBER OF TRENCHES      |       | 3              |
| TOTAL LENGTH            |       | 181'           |
| ABSORPTION AREA         |       | 543 + Sidemall |
| DISTRIBUTION BOX LEVEL  |       | Leveler        |
| DISTRIBUTION BOX BAFFLE |       | Yes            |
| DISTRIBUTION BOX PORT   |       | Yes            |

| SEPTIC TANK DATA           |           |
|----------------------------|-----------|
| SEPTIC TANK 1 LEVEL        | Yes       |
| MANUFACTURER               | Babylon   |
| CAPACITY                   | 2000 GAL  |
| SEAM LOC                   | Top       |
| TANK LID DEPTH             | 1.5'-2.5' |
| BAFFLES                    | Yes       |
| BAFFLE FILTER              | No        |
| MANHOLE LOC                | Front     |
| 6" PORT LOC                | Rear      |
| WATERTIGHT TEST            | No        |
| SLOTTED                    | Yes       |
| PUMP/SEPTIC TANK LEVEL N/A |           |
| MANUFACTURER               |           |
| CAPACITY                   |           |
| SEAM LOC                   |           |
| TANK LID DEPTH             |           |
| BAFFLES                    |           |
| BAFFLE FILTER              |           |
| MANHOLE LOC                |           |
| 6" PORT LOC                |           |
| WATERTIGHT TEST            |           |
| SLOTTED                    |           |

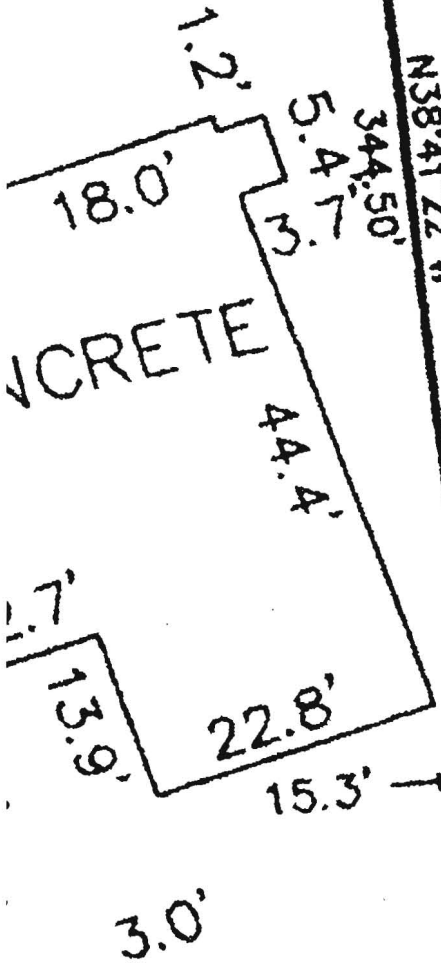
PRE-CONSTRUCTION  
 5/26/2010 Place the distribution box 50' from the top eastern edgement corner

60' and 70' trenches in the highest part of the easement. (BB)  
 INSTALLATION: 5/27/2010 Tank set. Dist. box plumbed in. Need to move heat pump in order to make house connection. (BB)  
 6/9/2010 Most of trenches finished. Need house connection. (BB)  
 6/10/2010 System finished. House connection was buried under heat pump. (BB)

FINAL INSPECTOR B. Baber DATE OF APPROVAL 6/10/2010

check  
1-6-10  
HS.

REV SURVEY  
10,020  
69  
50'



N38°41'22"W

10' BRL

1.46414 AC  
1.066 AC SE

66'

S33°24'51"E  
318.12'

10' BRL



50' BRL

W

64.0'

L=28.7  
R=270.00

GROVEWOOD COURT

EXISTING WELL(S) SHOWN ON THIS PLAN IN  
ATTACHED WELL TAG NO. HO 85-0231  
AND IS ACURATELY SHOWN.



MARYLAND  
453, ENG