

LAYOUT \_\_\_\_\_ INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 3/10/05

P 522025

APPROVAL DATE: 10/18/05

A 520342

# PERMIT

TAX ID #05-381479

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

Hatfields Equipment IS PERMITTED TO INSTALL  ALTER

ADDRESS: 13785 Burntwoods Rd., PHONE NUMBER: 301-854-6172

SUBDIVISION: Highland Lake LOT NUMBER: 7

ADDRESS: 6611 Isle of Skye PROPERTY OWNER: Ronald & Susan Stup

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 150 HOUSE SERVED BY PUBLIC WATER

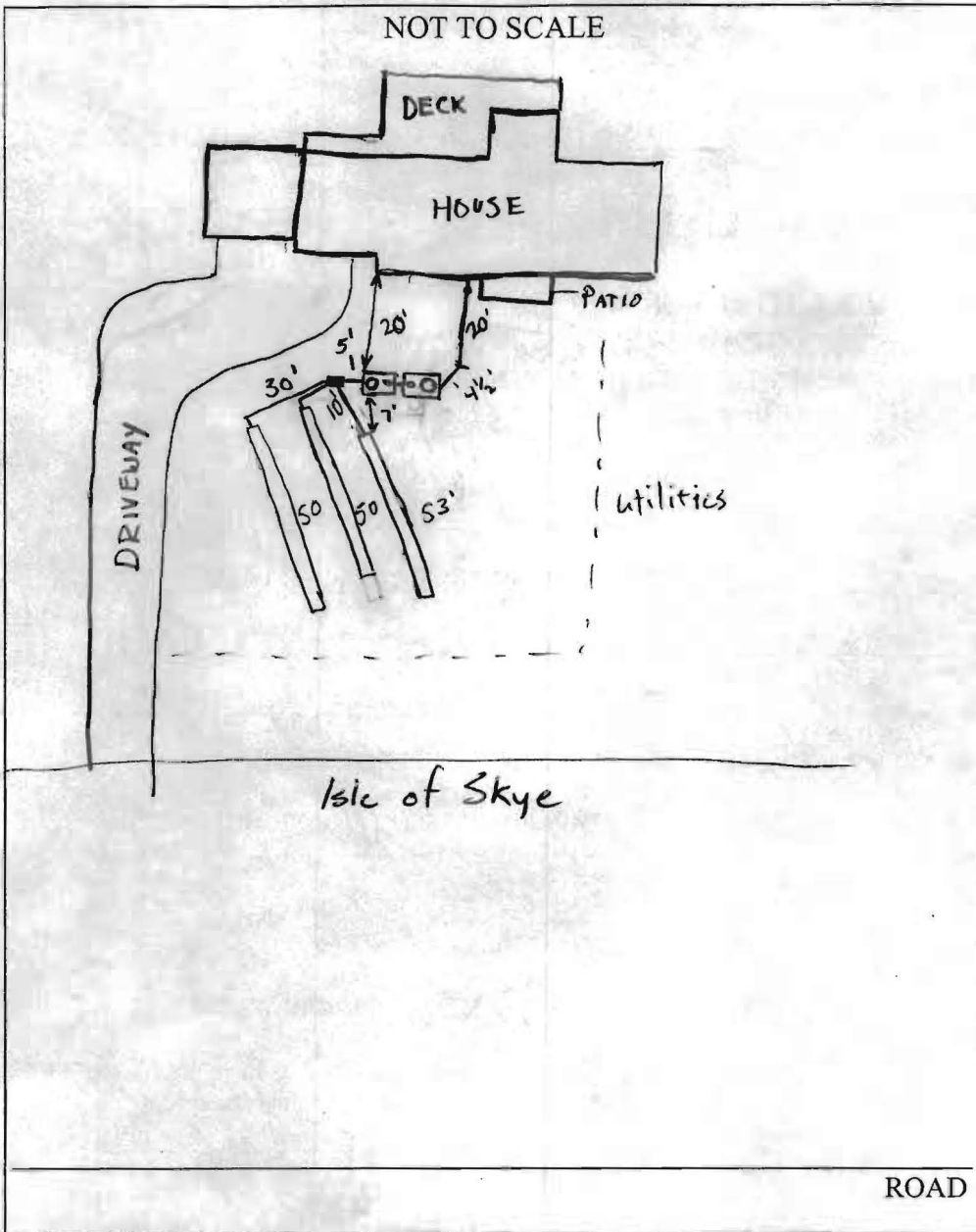
TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box as shown on the approved Perc Cert.
NOTES:	Existing house, old septic system to be pumped and collapsed. Purpose of new septic system to support future building permit for 5 bedroom house.

PLANS APPROVED: KJB Reviewed by: \_\_\_\_\_ DATE: 3/11/05

NOTES: PERMIT VOID AFTER 2 YEARS  
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
WATERTIGHT SEPTIC TANKS REQUIRED  
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**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  
ALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE



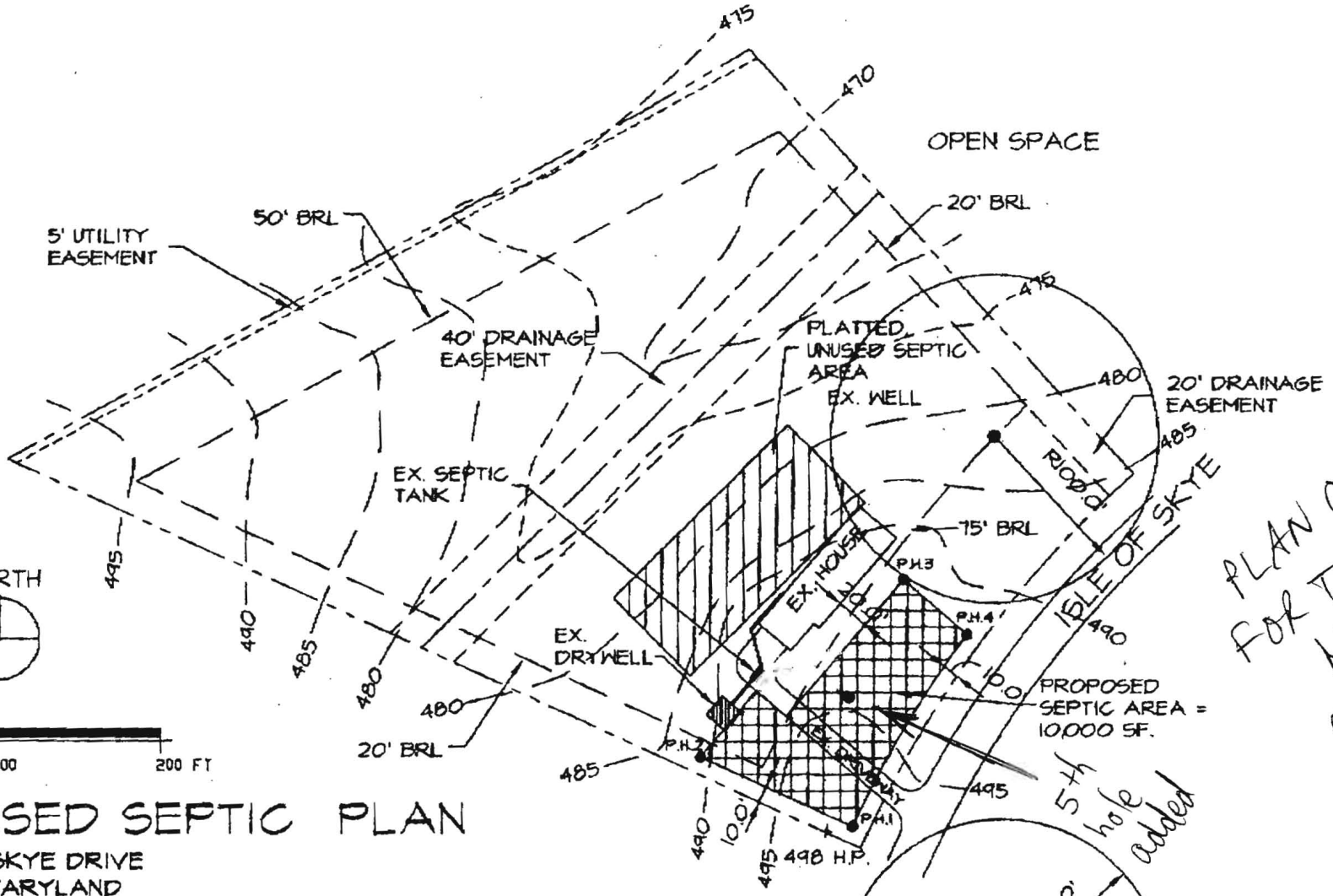
TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
<u>3'</u>	<u>4'</u>	<u>7'</u>
NUMBER OF TRENCHES	<u>3</u>	
TOTAL LENGTH	<u>153'</u>	
ABSORPTION AREA	<u>459+SW</u>	
DISTRIBUTION BOX LEVEL	<u>yes</u> <small>Level 103</small>	
DISTRIBUTION BOX BAFFLE	<u>yes</u>	
DISTRIBUTION BOX PORT	<u>yes</u>	

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL	<u>Yes</u>	
CAPACITY	<u>1500</u>	GAL
SEAM LOC	<u>Top</u>	
TANK LID DEPTH	<u>~ 1 1/2'</u>	
BAFFLES	<u>Yes 4</u>	
BAFFLE FILTER	<u>No</u>	
MANHOLE LOC	<u>Inlet</u>	
6" PORT LOC	<u>Outlet</u>	
WATERTIGHT TEST	<u>No</u>	
SEPTIC TANK 2 LEVEL	<u>Yes</u>	
CAPACITY	<u>1500</u>	GAL
SEAM LOC	<u>Top</u>	
TANK LID DEPTH	<u>~ 2'</u>	
BAFFLES	<u>Yes 2</u>	
BAFFLE FILTER	<u>No</u>	
MANHOLE LOC	<u>Outlet</u>	
6" PORT LOC	<u>Inlet</u>	
WATERTIGHT TEST	<u>N/A</u>	

PRE-CONSTRUCTION \_\_\_\_\_

INSTALLATION 3/21/05 - Homeowner came in, said Miss Utility marked BGE line & its then the SRA. JB indicated area would be lost but county OK to work around (SD) 10/17/05 Utilities moved outside SDA, OK to make inlet @ 4' bottom @ 7' for initial trenches (gravity) High water table (10') not in this area. Pump Tank being installed but without pump. Initial system will gravity w/ inlet @ 4'. (GAC) 10/18/05 System installed per instruction. OK to backfill. (GAC)

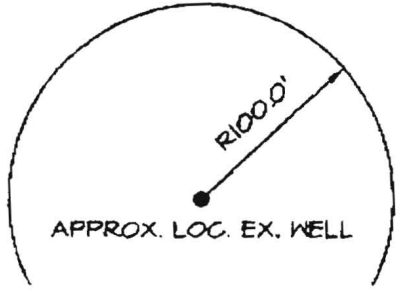
FINAL INSPECTOR Daniel A. Coughlin DATE OF APPROVAL 10/18/05

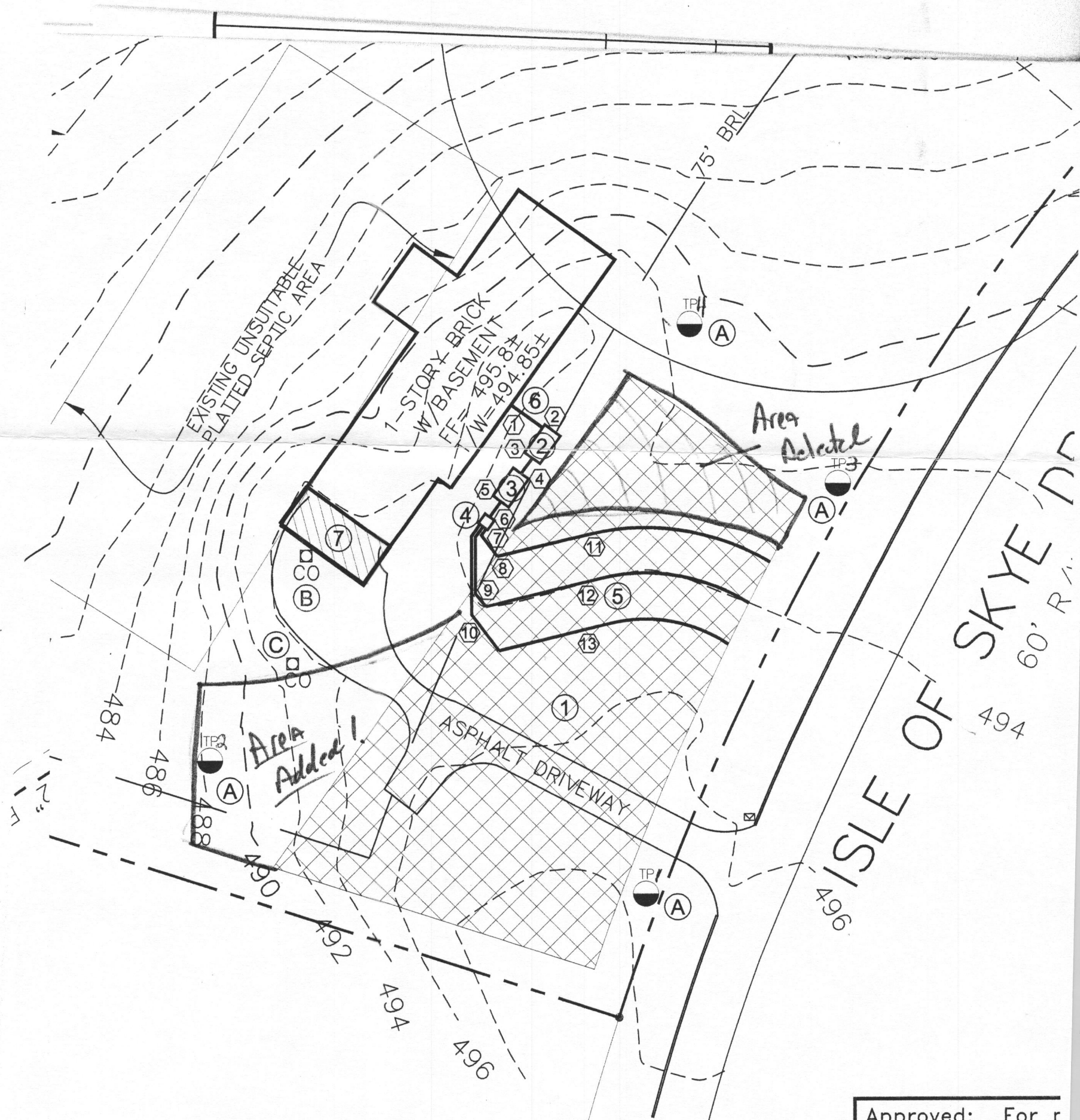


PLAN OK  
FOR TESTING  
MR  
5/17/04



**PROPOSED SEPTIC PLAN**  
 6611 ISLE OF SKYE DRIVE  
 HIGHLAND, MARYLAND  
 MAY 11, 2004





OUT PLAN

Approved: For p  
Howard County F

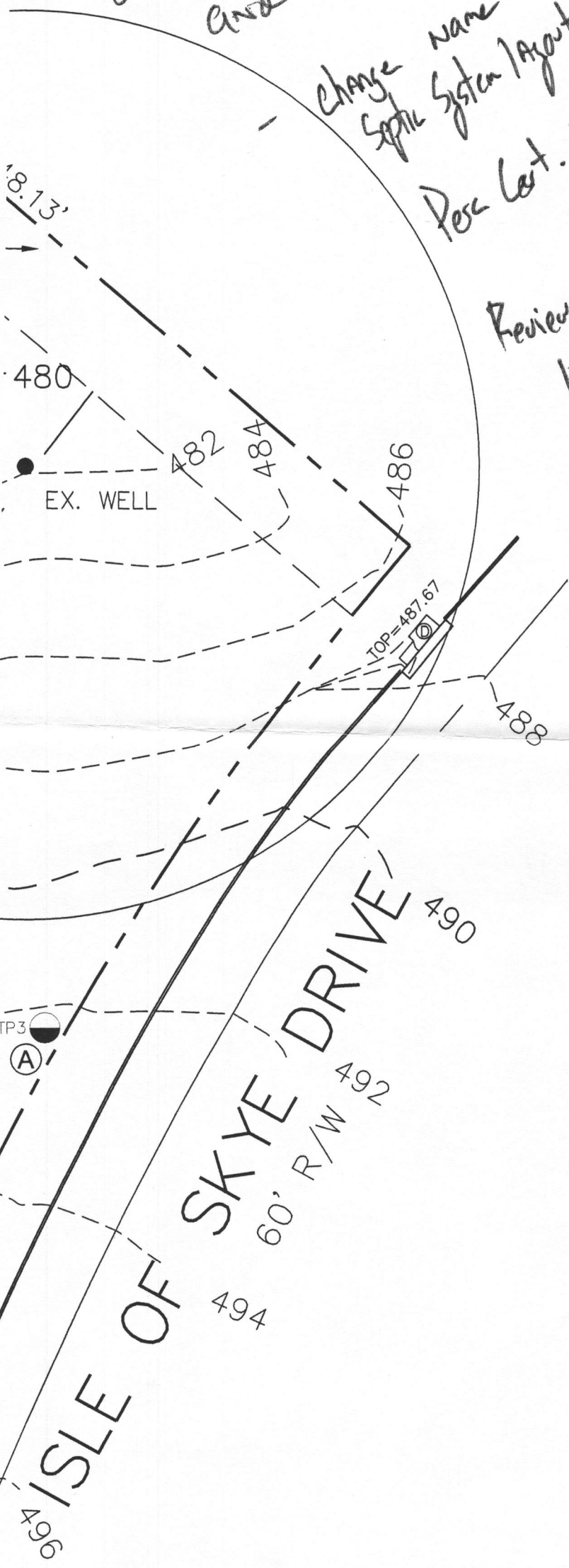
Howard County t

9/27/04

- need to show  
Inverts both In + Out  
of septic tank, Pump tank  
and D-Box.

change name from  
septic system layout to  
Pers. Cont. Plat.

Reviewed By  
K. Bell



- ⑩ INV. 490.33
- ⑪ TOP OF TRENCH: 489.00
- ⑫ TOP OF TRENCH: 490.00
- ⑬ TOP OF TRENCH: 490.00

### NOTES

1. SURVEY BY MILDENBERG BOENDER JULY 30, 2004
2. EXIST. THREE BEDROOM, ONE-STORY W/BASEMENT HOUSE
3. PROPOSED FIVE BEDROOM TWO-STORY HOUSE

9/27/04  
NOTIFIED Mrs Stup  
to pick up + submit  
revisions  
SR


No.	Date	Submissions/Revisions
<b>Stup Residence Addition</b> 6611 Isle of Skye Drive Highland, MD 20777 Highland Lake, Lot 7 Howard County, Maryland Zone: RR Tax Map: 34, Grid: 22 Parcel: 370		

**Ron Stup Associates**  
 Architecture, Environmental Planning, Landscape Architecture

13780 Burntwoods Road  
 Glenelg, Maryland 21737

Telephone: (410) 489-2928  
 E-Mail: archlarch@comcast.net

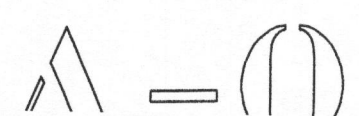
## SEPTIC SYSTEM LAYOUT

PLAN ID # PC520342

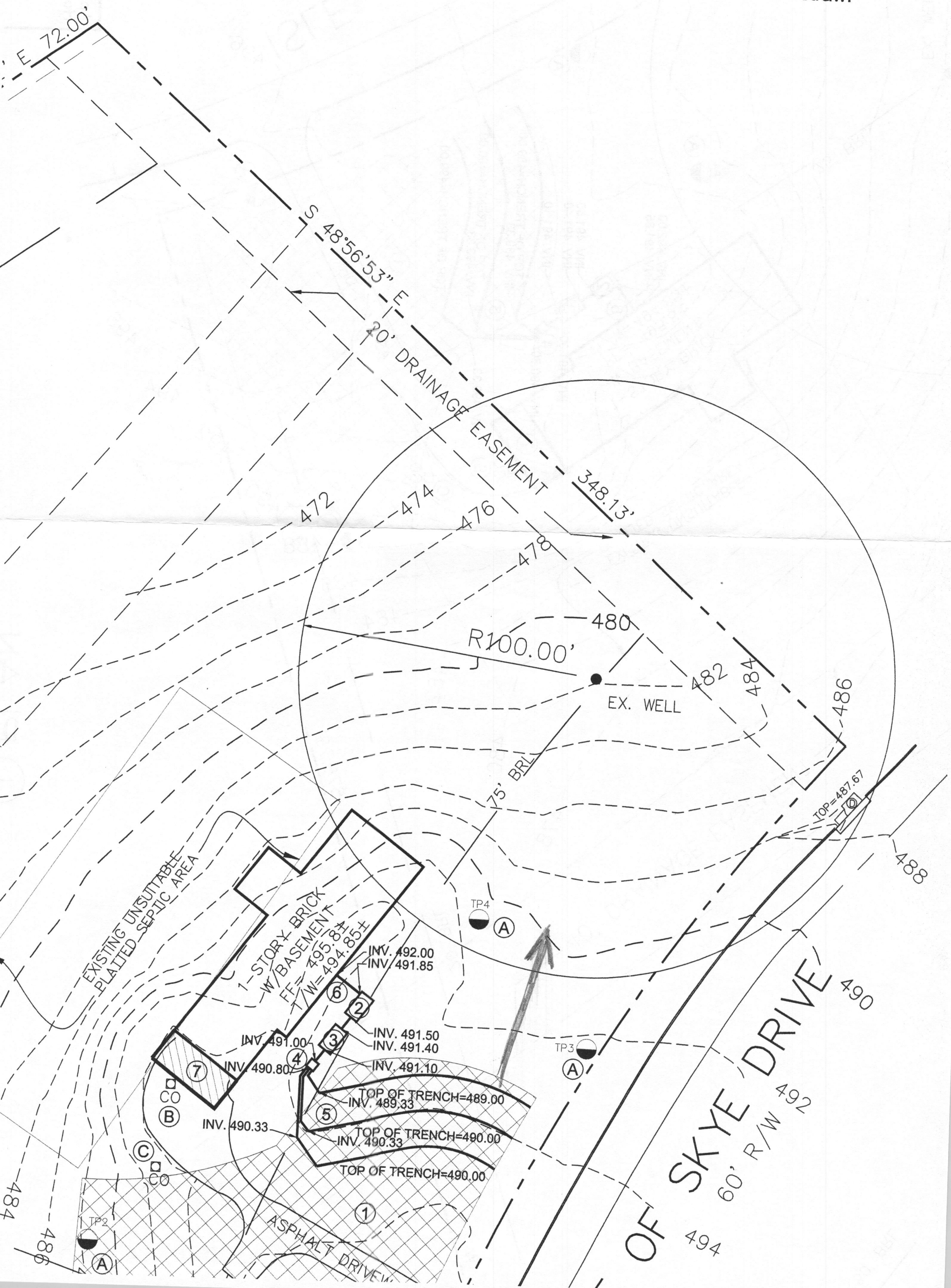
I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, License Number 3493-A, Expiration Date: December 19, 2005.

AS SHOWN Scale                      SEPTEMBER 16, 2004 Date

Approved: For private water and private sewage  
 Howard County Health Department



- through existing house front basement wall. Cap end of new sewer line at exterior.
3. Pump existing septic tank.
4. Fill existing septic tank with gravel (existing septic tank is below existing asphalt driveway).
5. Pump existing drywell.
6. Fill existing drywell with compacted soil.
7. Install new septic tanks, distribution box and drainage lines for gravity-feed as shown.
8. Connect new septic system to the new house sewer line at front wall.
9. Backfill all excavations, fine-grade, seed and mulch with tacked straw.



1. Pump existing septic tank.
2. Fill existing septic tank with gravel (existing septic tank is below existing asphalt driveway).
3. Pump existing drywell.
4. Fill existing drywell with compacted soil.
5. Install new septic tanks, distribution box and drainage lines for gravity-feed as shown.
6. Connect new septic system to the new house sewer line at front wall.
7. Backfill all excavations, fine-grade, seed and mulch with tacked straw.

