

LAYOUT 4/13/06 INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 1/13/06  
APPROVAL DATE: 4/19/06

**PERMIT**  
**INDEXED**  
**TAX ID #03-341976**

P 523902  
A 511503

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

HATFIELD'S EQUIPMENT IS PERMITTED TO INSTALL  ALTER

ADDRESS: P.O. BOX 510 ANNAPOLIS MD PHONE NUMBER: 410-531-6650

SUBDIVISION: Paddocks East LOT NUMBER: 22

ADDRESS: 3421 Huntsman Run PROPERTY OWNER: Pulte Homes, Inc.

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

PUMP CHAMBER CAPACITY (GALLONS) n/a 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:	Keep the distribution box at the highest elevation in the approved SDA.
NOTES:	

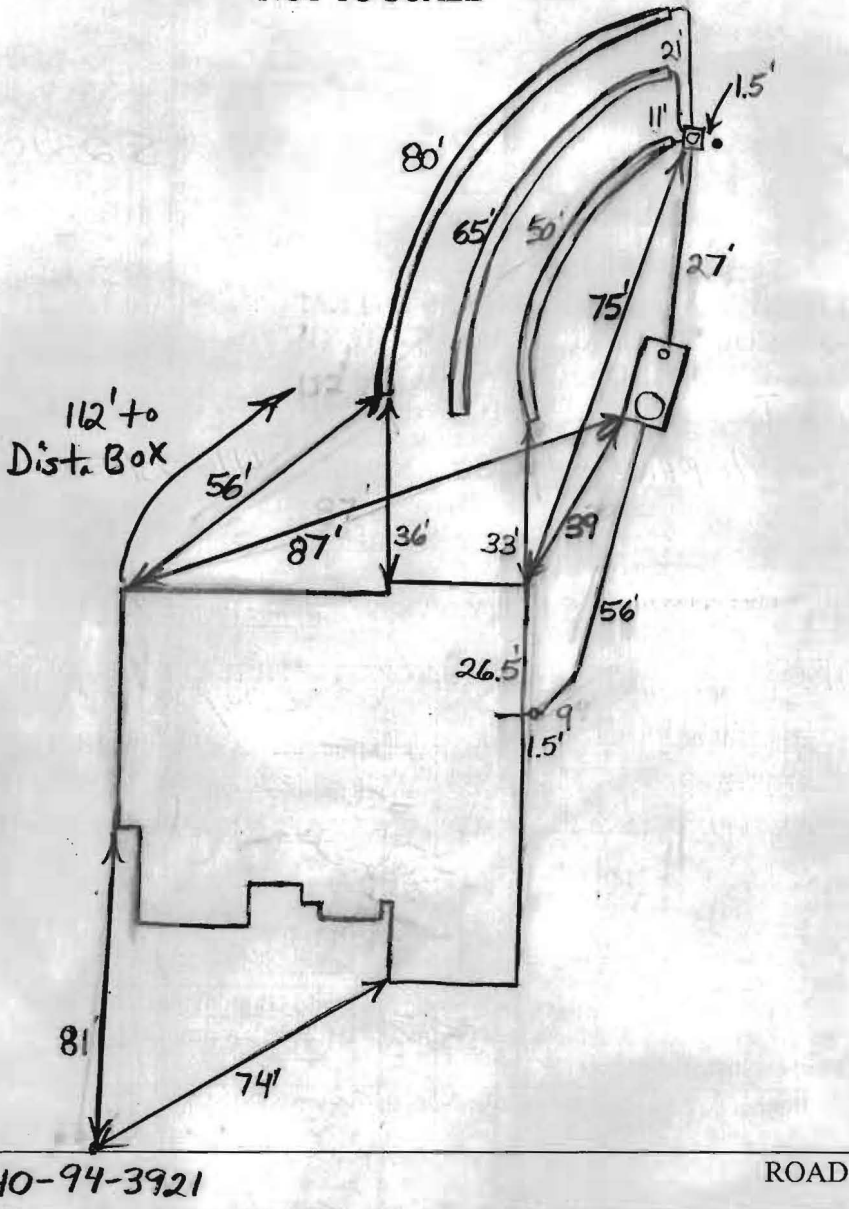
PLANS APPROVED: Sara Fegel Reviewed by: PAY 1/13/2006 DATE: 7/21/05

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**

P523902

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	3'	6.5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		195'
ABSORPTION AREA		682 + Sidewall
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'-3'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	N/A
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

2-Comp  
Babylon

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

INSTALLATION 4/18 + 4/19 Changed trench specs. to utilize easement area better. O.K. to backfill, BB

FINAL INSPECTOR B. Baker DATE OF APPROVAL 4/19/06

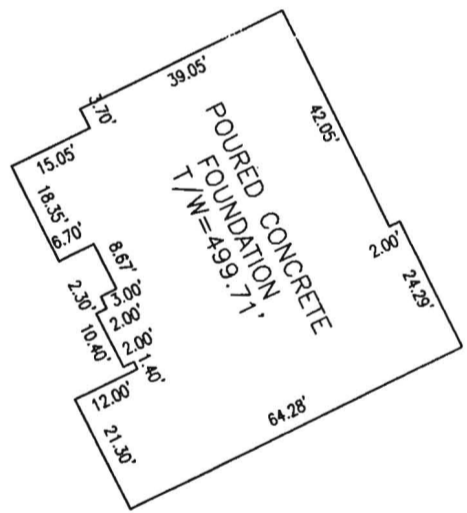
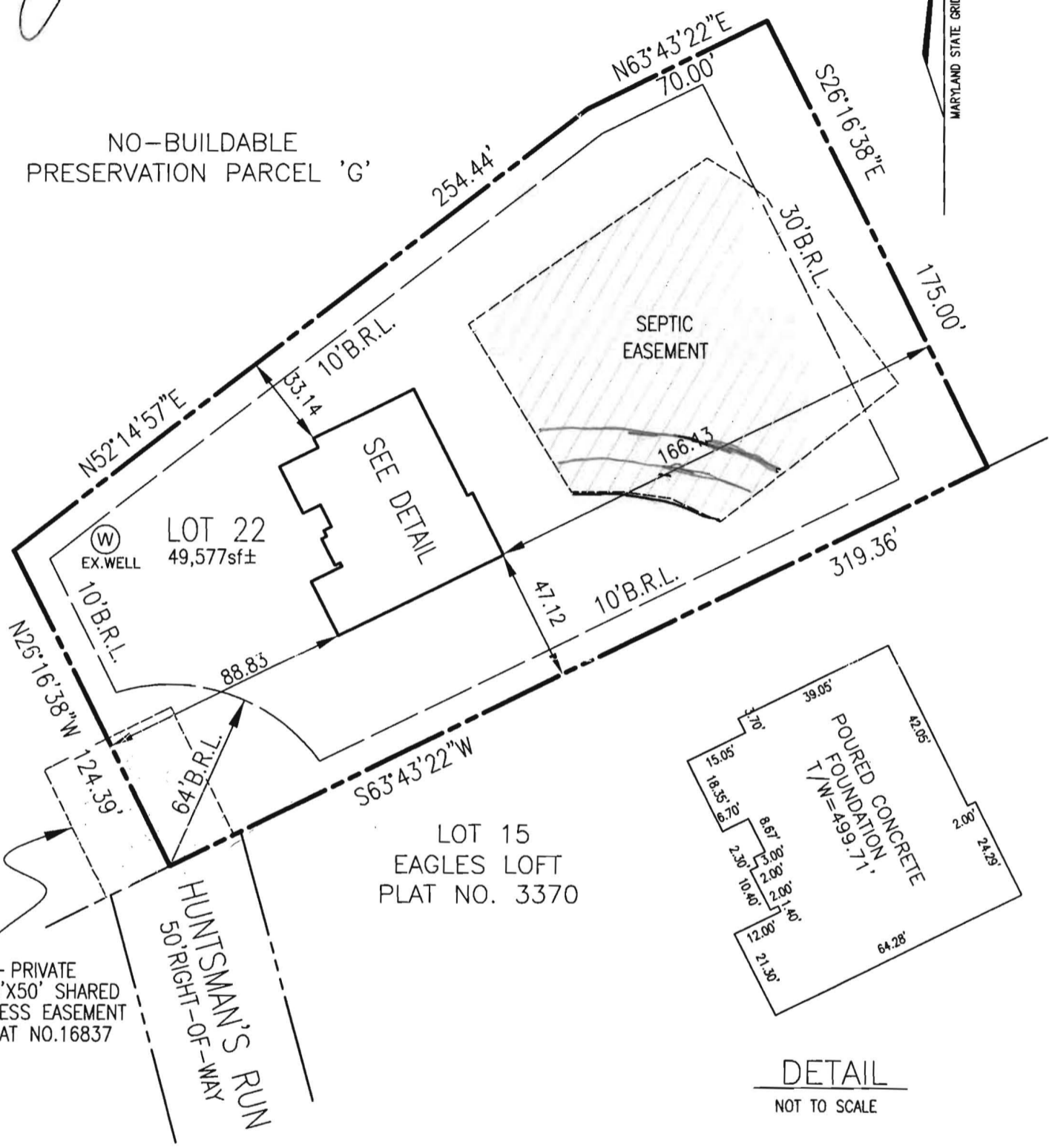
Well & wall checks O.K.  
*[Signature]* 1/13/06

50'  
70'  
80'

150

MARYLAND STATE GRID MERIDIAN (NAD83/91)

NO-BUILDABLE PRESERVATION PARCEL 'G'



DETAIL  
NOT TO SCALE

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN AND THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.



*Mark C. Martin* 1/6/06  
 MARK C. MARTIN, PROFESSIONAL LAND SURVEYOR #10884 DATE

SCALE 1"=50'	DATE 1/06/05	<b>ROBERT H. VOGEL ENGINEERING, INC.</b> ENGINEERS - SURVEYORS - PLANNERS 8407 MAIN STREET ELLICOTT CITY, MARYLAND 21043 TEL: 410-461-7666 FAX: 410-461-8961	<b>WALL CHECK DRAWING</b> LOT 22 PADDOCKS EAST PLAT NO. 16837 TAX MAP 22 PARCEL 7 3rd ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY B.ABBOTT	CHECKED BY M.C.M.		
PLAT NUMBER 16834-16838	JOB NUMBER 04-98.00		

Approved Septic System Plan  
Howard County Health Department

Signature *[Signature]*

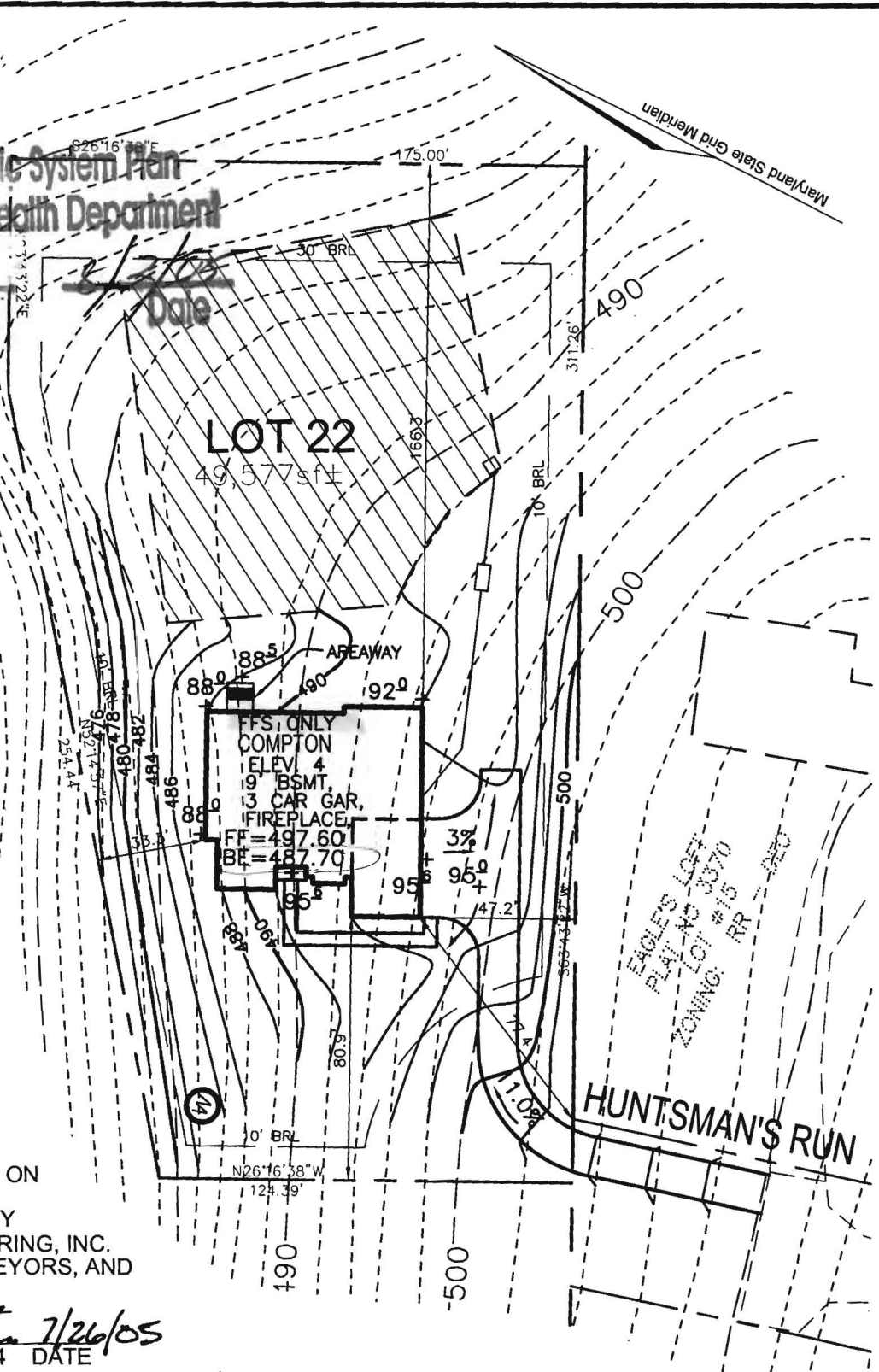
Date *7/26/05*



- SEPTIC DATA:  
HOUSE:  
INV. OUT=491.30 ✓  
SEPTIC TANK(1500GAL) ✓  
TOP GRADE:493.0 ✓  
INV. IN=489.9 ✓  
INV. OUT=489.6 ✓  
DISTRIBUTION BOX:  
TOP GRADE:492.0 ✓  
INV. IN=489.0 ✓  
INV. OUT=488.5 ✓

THE EXISTING WELL SHOWN ON THIS PLAN(HO- 94-3921) HAS BEEN FIELD LOCATED BY ROBERT H. VOGEL ENGINEERING, INC. PROFESSIONAL LAND SURVEYORS, AND IS ACCURATELY SHOWN.

*Mark C. Martin 7/26/05*  
MARK C. MARTIN, PLS #10884 DATE



SCALE	1"=50'
DRAWN BY	JCO
CHECKED BY	RHV
DATE	JUNE, 2005
W. O. #	2034058
SHEET#	1 OF 1

TAX MAP 22  
3RD ELECTION DISTRICT  
REV. 7/25/05

PULTE HOMES  
PADDOCKS EAST  
LOT 22  
PARCEL 7  
HOWARD COUNTY, MARYLAND



**ROBERT H. VOGEL ENGINEERING, INC.**  
ENGINEERS • SURVEYORS • PLANNERS  
8407 MAIN STREET  
ELLCOTT CITY, MD 21043  
TEL: 410.461.7666  
FAX: 410.461.8961



251

NON-BUILDABLE PRESERVATION  
PARCEL "G" PRIVATELY OWNED  
AND MAINTAINED 03.93 ac±

LIMITS OF 100  
YEAR FLOODPLAIN

N 80°36'22" E 874.45

To: 2/10/04

### Remaining Issues for Final

- ~~Easements and Wells Next to Lot 22~~
- Grading Near Septic Easements and Wells (For Roads)
- Note On Deed About Maximum Number of Bedrooms
- Steep Slopes Near Easement on Lot 22 - Adjust Easement

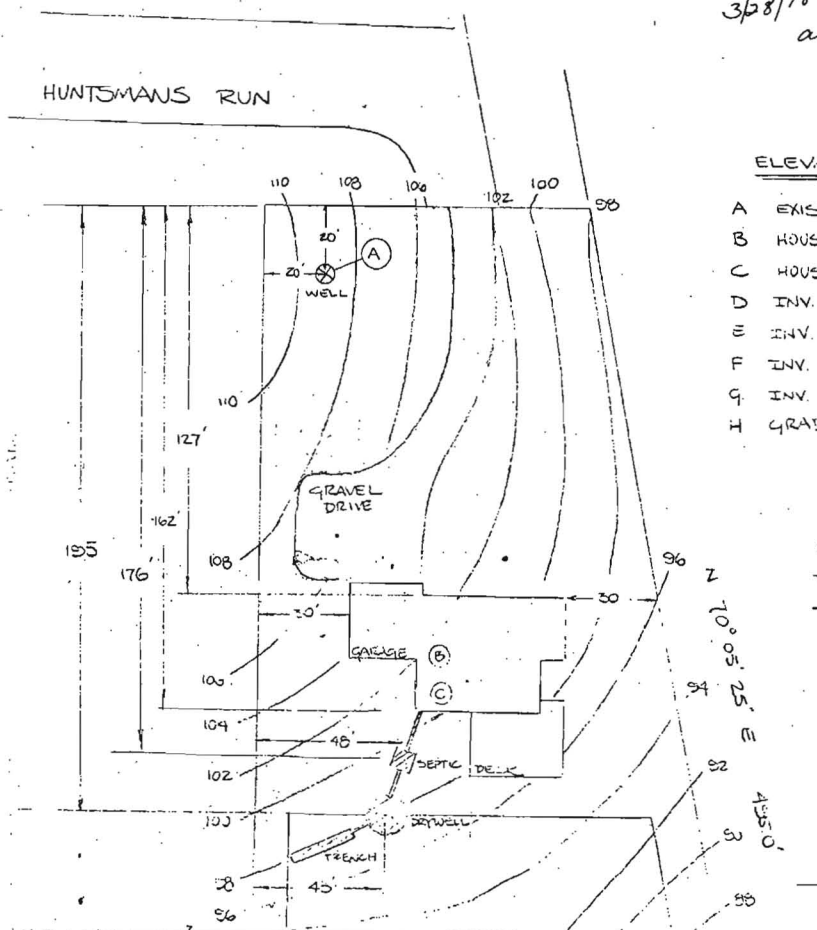
From: Plus? see Attached

HD-170



25969

3/28/78 Revised elevations  
and locations app'd.  
WKB



ELEVATIONS

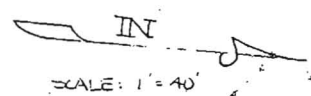
A	EXISTING WELL	109.0	109.0
B	HOUSE FF.	104.0	105.0
C	HOUSE BASEMENT	96.0	97.0
D	INV. FROM HOUSE	97.5	95.8
E	INV. TO SEPTIC	97.0	95.2
F	INV. FROM SEPTIC	96.5	95.2
G	INV. TO DRYWELL	96.0	95.0
H	GRADE AT DRYWELL	95.0	95.0

REVISED  
3/27

CAPACITIES\*

- SEPTIC TANK 1500 GAL
- DRYWELL ABS AREA 366 ft<sup>2</sup>
- TRENCH ABS AREA 120 ft<sup>2</sup>

\* BASED ON 3 BDRM HOUSE w/ DISPOSAL



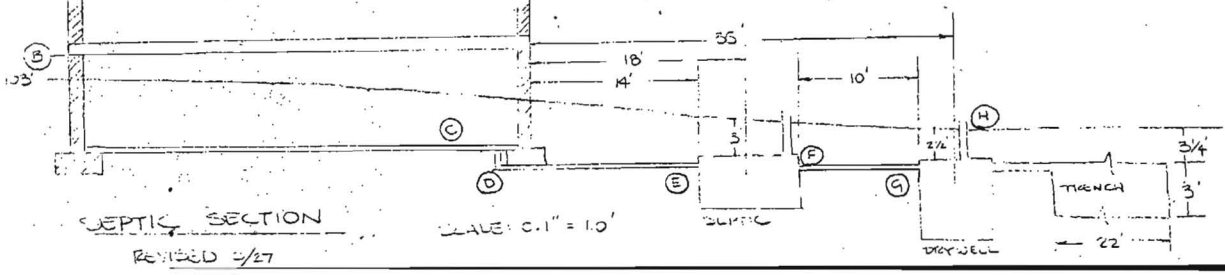
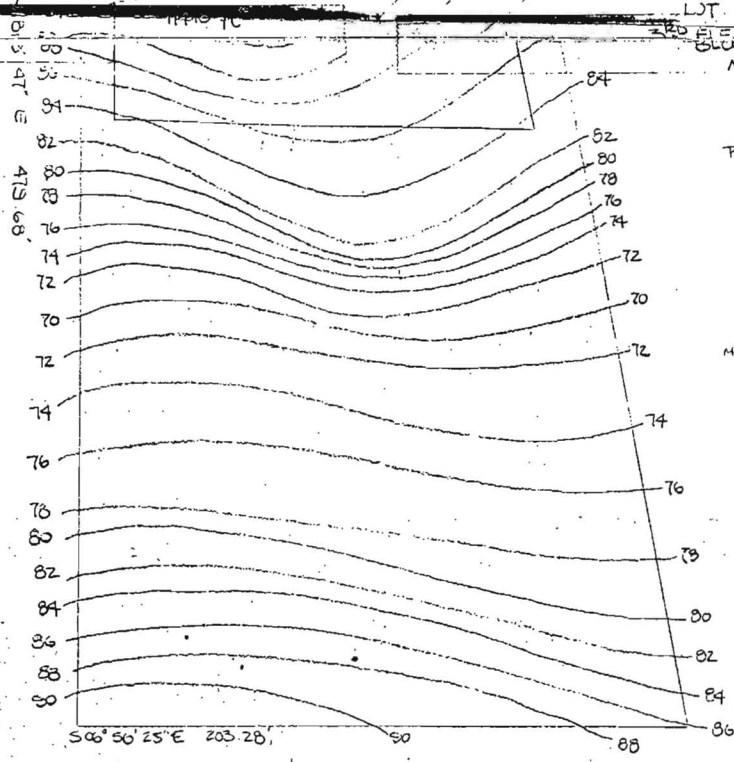
SITE PLAN

3425 HUNTSMAN'S RUN  
LOT 15 - EXCES LOT  
BLOCK 3 ZONE A  
MAP NO. HC 22

PREPARED BY:  
GARY R. KNAPP  
OWNER

I CERTIFY THE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY

*Gary R. Knapp*  
2/12/78  
(REVISED 2/25/78)  
(REVISED 3/27/78)



SEPTIC SECTION

SCALE: 1/4" = 1'

REVISED 3/27