

LAYOUT 6/26/07 KW INSP 4 7/2/07 KW
INSP 2 6/28/07 BS INSP 5 7/9/07 KW
INSP 3 7/2/07 KW INSP 6 7/12/07 KW

7/13/07 KW

ISSUE DATE: 5/24/07

PERMIT

P 527227

APPROVAL DATE: 5/14/08

A 536334

TAX ID #03-307379

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

WFC III IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 1820 Gillis Falls Road PHONE NUMBER: 410-489-4457

SUBDIVISION: Farside LOT NUMBER: 73

ADDRESS: 11743 Spring Haven Court PROPERTY OWNER: Bernaldo Dancel

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

PUMP CHAMBER CAPACITY (GALLONS): 2000 COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 7

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 200 HOUSE SERVED BY PUBLIC WATER ☐

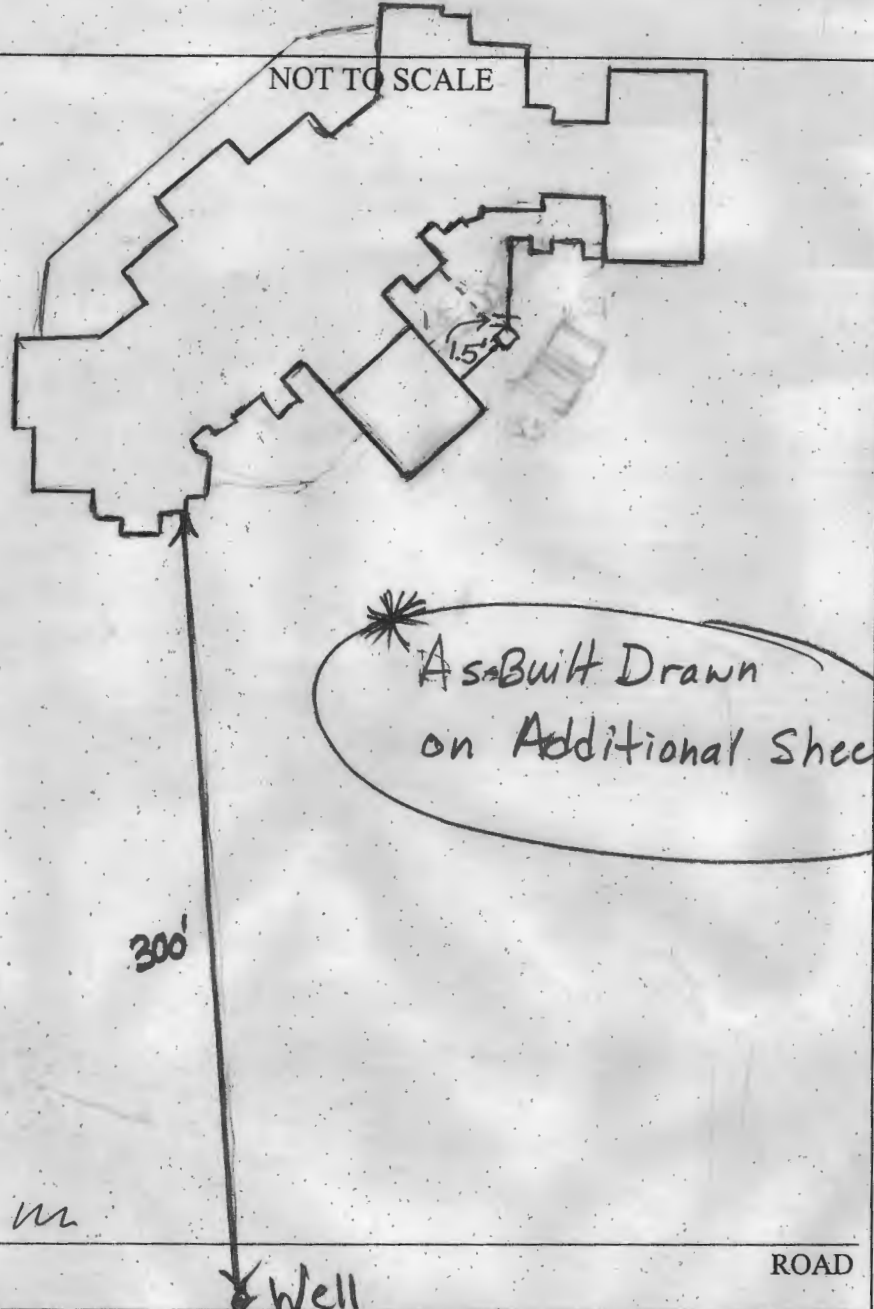
TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 4.5 feet below original grade. 5.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box in the highest elevation of the approved SDA.
NOTES:	Concrete sleeve needed for septic line beneath driveway. No basement gravity service.

PLANS APPROVED: Peter Yencsik Reviewed by: _____ DATE: 9/26/05

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
3'	3.5'-4.5'	8'
NUMBER OF TRENCHES		
4		
TOTAL LENGTH		
205.5'		
ABSORPTION AREA		
66.5' ± 5M		
DISTRIBUTION BOX LEVEL		
Levelers		
DISTRIBUTION BOX BAFFLE		
Yes		
DISTRIBUTION BOX PORT		
Side		

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL		
Yes		
CAPACITY		
2000 GAL		
SEAM LOC		
Top		
TANK LID DEPTH		
25'-3'		
BAFFLES		
6" Front / 4" w/F		
BAFFLE FILTER		
Yes / Rear		
MANHOLE LOC		
Front		
6" PORT LOC		
Rear		
WATERTIGHT TEST		
No		
SEPTIC TANK 2 LEVEL		
Yes		
CAPACITY		
2000 GAL		
SEAM LOC		
Top		
TANK LID DEPTH		
25'-3'		
BAFFLES		
Front		
BAFFLE FILTER		
None		
MANHOLE LOC		
Front		
6" PORT LOC		
—		
WATERTIGHT TEST		
No		

PRE-CONSTRUCTION (6/26/07) Keep tanks 20' from house. Try to keep @ least 10' from slab/footing bump out in front of house.

INSTALLATION Set Dbox ~ 65' down and ~ 20' in of SRA.

Set box so that bottom right trench runs @ least 50' up to force main. Call for re-insp. (KW) (6/28/07) Tanks set. (BB)

5/14/08 P/A OK. Sys. complete

(7/2/07) Stopped @ site (no insp called in). Contractor set force main ~ 3/4 of way up to SRA. Out let baffle filter installed. due to 90° bend from S.T. to 90° bend into P.T. OK to

FINAL INSPECTOR

continue. (KW)

DATE OF APPROVAL

5/14/08

See separate As-Built. *



Inspection Date/Inspection Notes/Inspector's Initials & Others Present:

- (7/2/07) Nothing much going. Contractor set tanks. Told me he called stu and asked to install a 90° bend coming out of S.T. and another 90° bend into pump tank. stu OK'd along w/ at least baffle filter. (KW)
- (7/9/07) F.M. installed up to D box. No trenches started. Contractor started F.M. under drive and retaining wall. (KW)
- (7/10/07) Contractor not present. Trenches complete. Contractor did not install trenches per layout that was given. Need explanation from contractor. (KW)
- (7/13/07) Talked system over w/ contractor. He explained some of the reasons why he installed the system not per layout. Told contractor next time to call Health Dept if he/she runs into any alterations or changes that may occur when installing the system. OK to backfill. Need Pump and Alarm tests (KW)

S04°50'18"E 288.40'

LEGEND

• CO

WELL
○

SEWER CLEANOUT
WELL

BUILDING LINE

WALKWAY

PROPERTY LINE

DRIVEWAY

LOT 772 7"

2 1/2

100 YEAR
FLOODPLAIN

THIS PROPERTY IS NOT IN A HUD, FEMA, USGS, USACD OR HOWARD COUNTY FLOODPLAIN. IT LIES IN A FLOOD INSURANCE ZONE C, A NON-FLOOD PRONE AREA AS DEFINED BY FEMA ON MAP DATED 12/04/86 #240044 0022 B PANEL 22 OF 45.

THIS IS TO CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON,

RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND AS PLATS 4680 THRU 4684 FOR THE PURPOSE OF LOCATING THE IMPROVEMENTS HEREON.

LOT 73
310,147 sq. ft.
OR
7.120 acres

LOT 74



6/25/07

will check OK

NOTES

1. B.R.L. INFORMATION, IF SHOWN, WAS OBTAINED FROM EXISTING RECORD PLAT OR LOCAL AGENCIES AND IS NOT GARANTEED BY KCI
2. BUILDING FIRE AND/OR FLOOD ZONE INFORMATION IS SUBJECT TO THE INTERPRITATION OF THE ORIGINATOR.
3. PROPERTY MARKERS NOT FOUND OR GARANTEED BY THIS LOCATION
4. THIS PLAT IS NOT TO BE RELIED UPON FOR ESTABLISHMENT OF LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE STRUCTURES.
5. THE PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR FOR SECURING FINANCING OR REFINANCING.
6. THIS PLAT IS OF BENIFIT TO THE CONSUMER ONLY INSOFAR AS IT IS REQUIRED BY LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION.

LOT 49

SEPTIC
AREA

335.3'

WELL
HO-81-1306

10' DRAINAGE
EASEMENT

30' BRL

R=50.00'
A=81.64'

SPRINGHAVEN
COURT

LOT 50

N0°53'46"W

250.00'

LOT 57



ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS

14502 GREENVIEW DRIVE, SUITE 100
LAUREL, MARYLAND 20710
(410) 792-8086 (310) 455-1021
FAX (410) 792-7419
WWW.KCI.COM

DATE 4/05/07

SCALE 1" = 100'

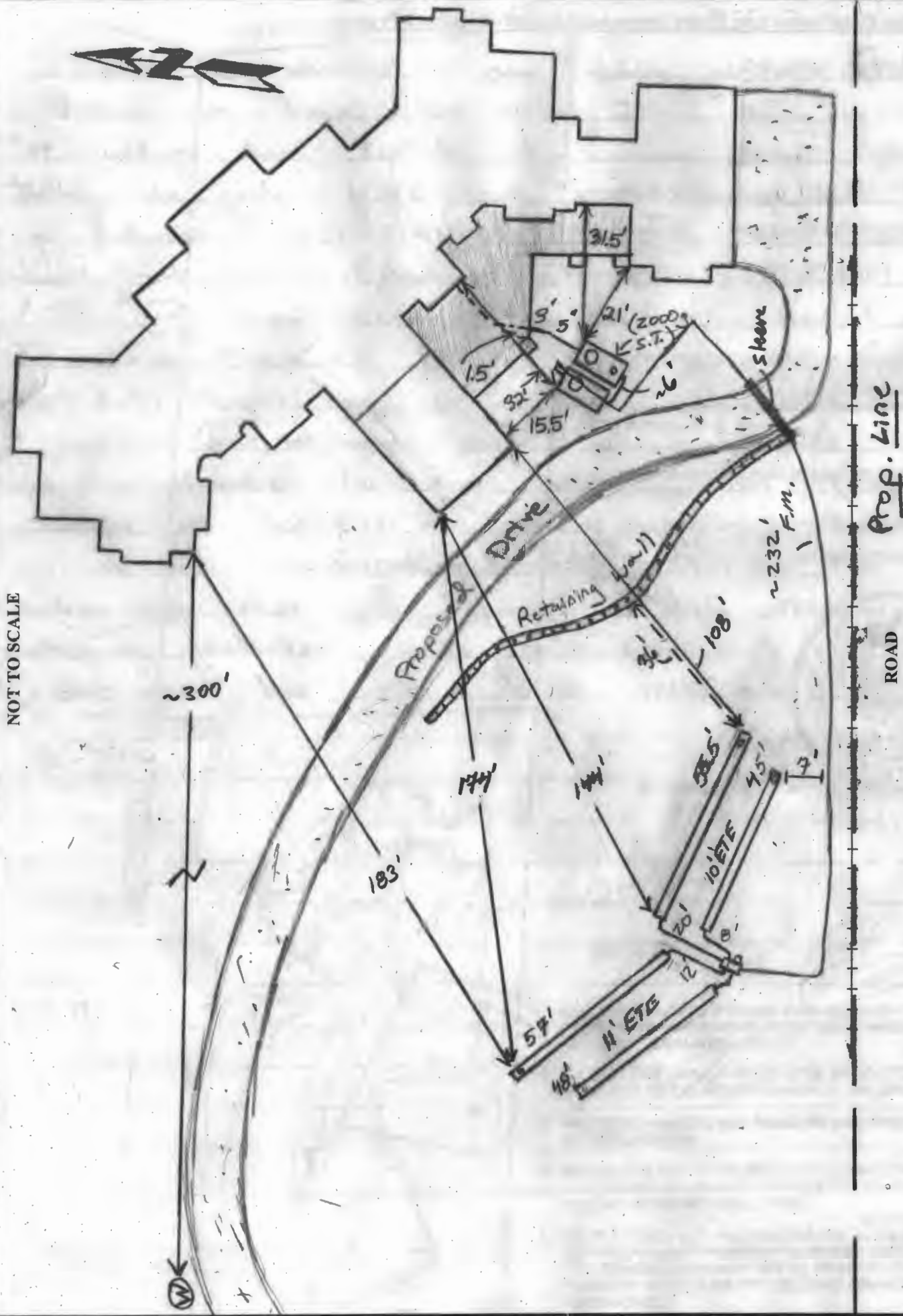
DESIGNED BY

DRAWN BY

FAR SIDE
LOT 73

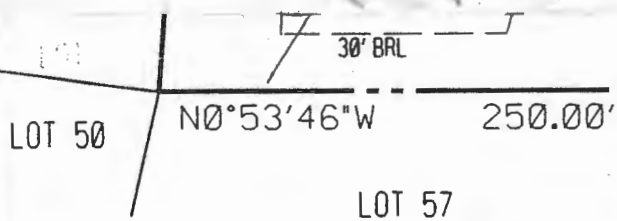
3rd TAX DISTRICT
HOWARD COUNTY, MARYLAND

NOT TO SCALE



11743 SPRING HAVEN CT.

INSURANCE COMPANY OR ITS AGENT IN CONNECTION.

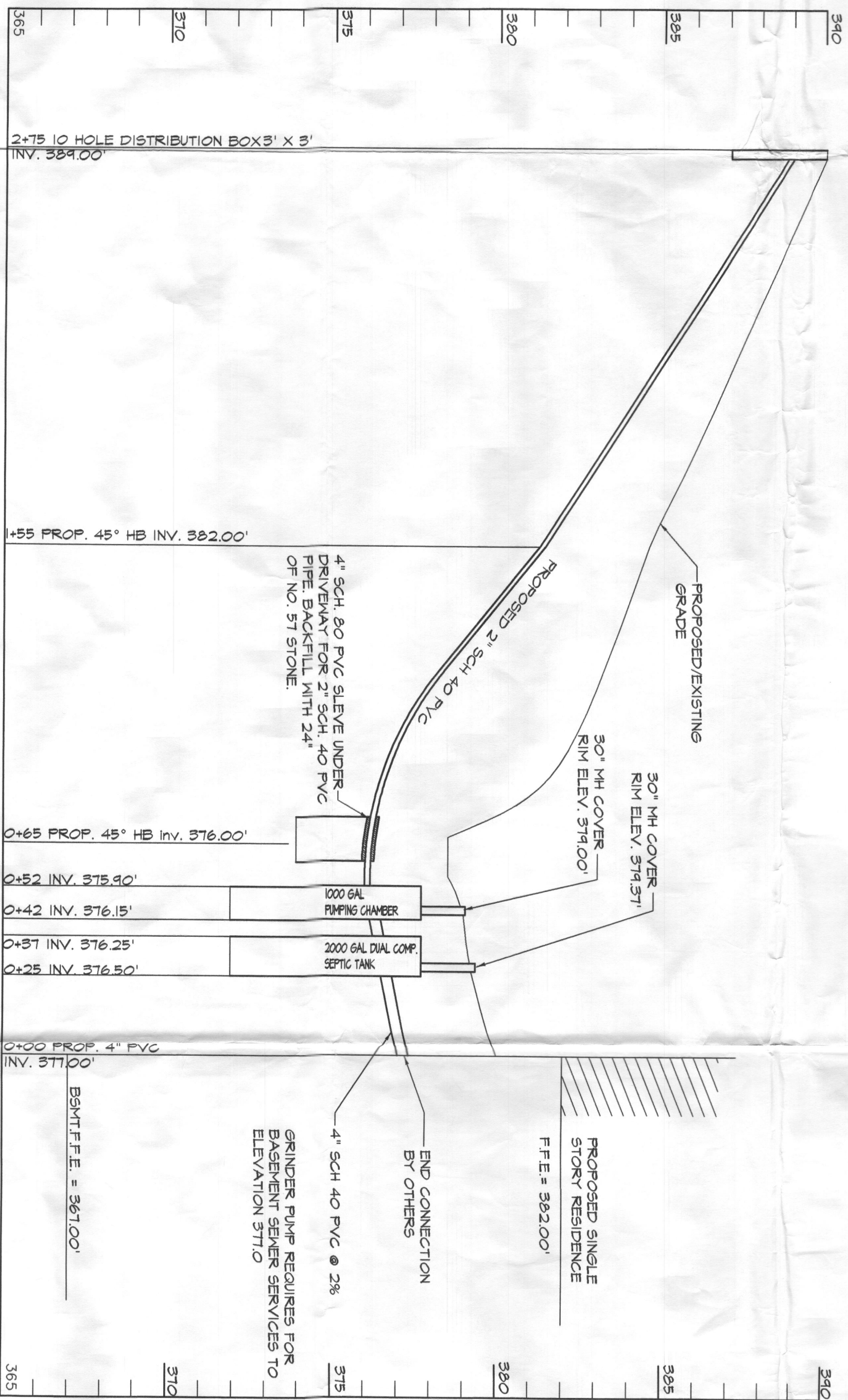


ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS

14502 GREENVIEW DRIVE, SUITE 100
LAUREL, MARYLAND 20706
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FAX (410) 742-7419
WWW.KCI.COM

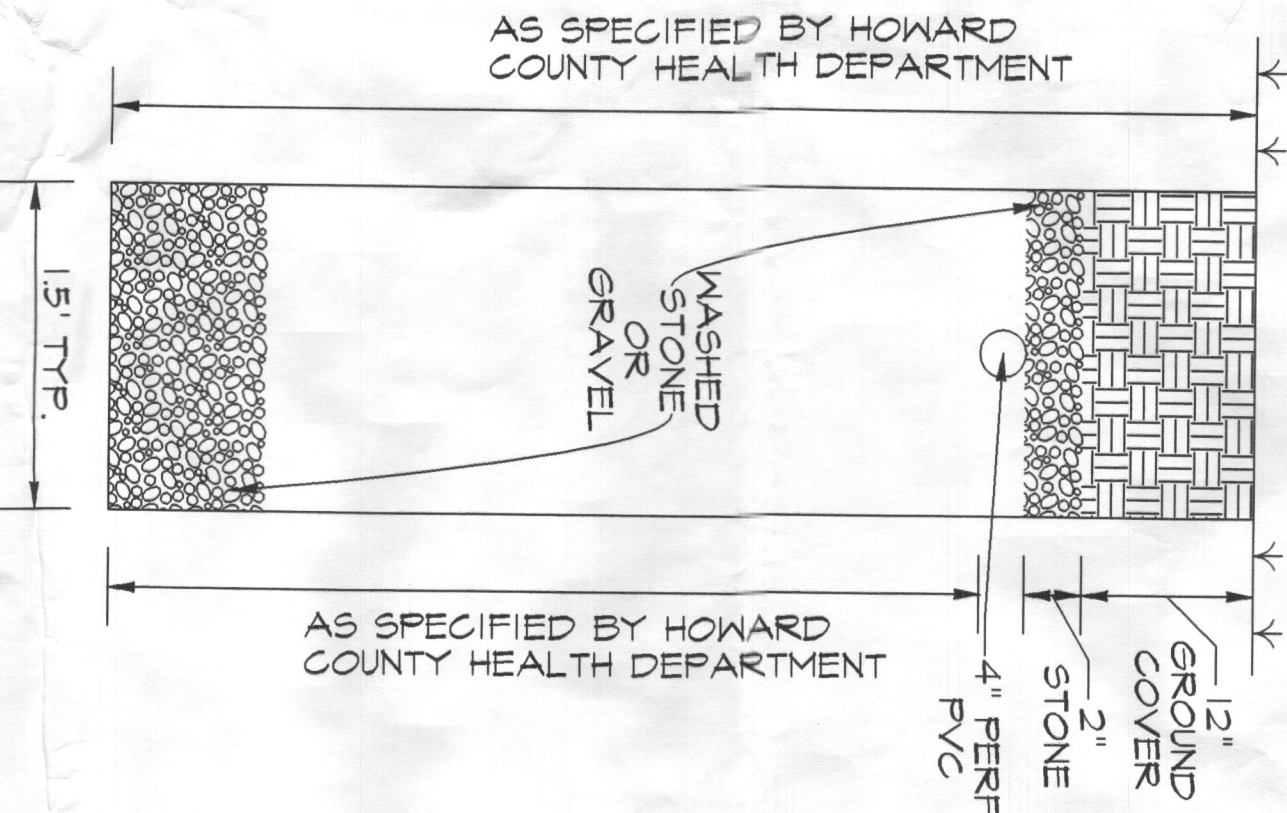
DATE 4/05/01
SCALE 1" = 100'
DESIGNED BY
DRAWN BY

FAR SIDE
LOT 13
3rd TAX DISTRICT
HOWARD COUNTY, MARYLAND



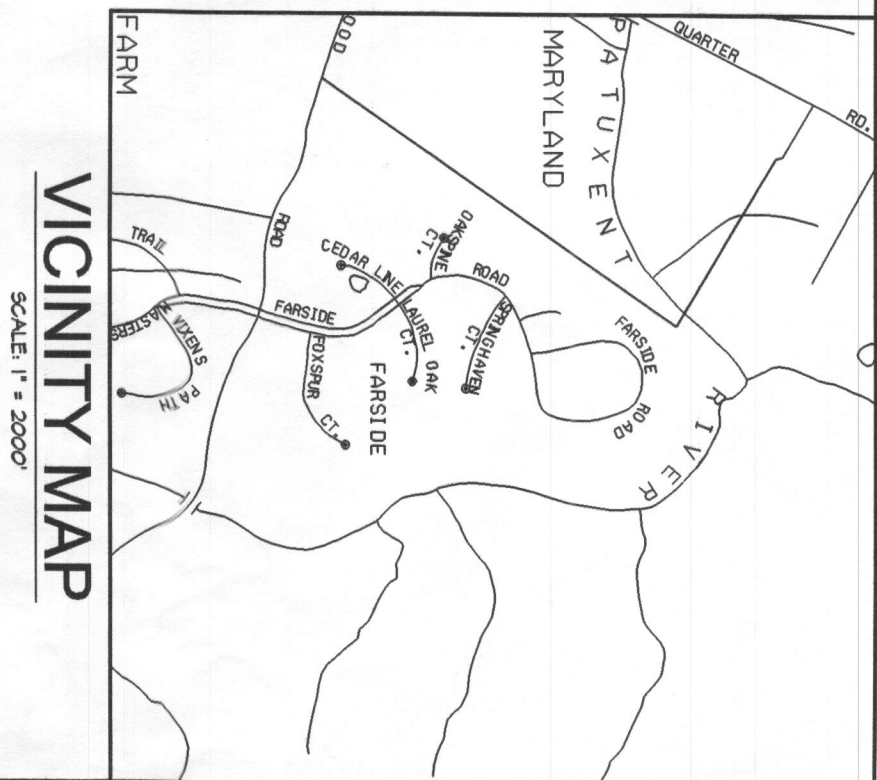
SEWER HOUSE CONNECTION PROFILE

SCALE: HORIZ. 1" = 20'
VERT. 1" = 5'

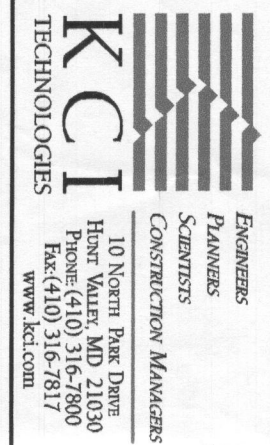


SEPTIC FIELD TRENCH DETAIL

NOT TO SCALE



APPROVED FOR PUBLIC OR PRIVATE WATER AND PUBLIC
 (OR PRIVATE) SEWAGE SYSTEMS
 COUNTY HEALTH OFFICER _____ DATE _____
 HOWARD COUNTY HEALTH DEPARTMENT



DEVELOPER
 CASTER AND COTTAGE, INC.
 1600 SPRINGDALE RD.
 LAUREL, MD 20723
 PH. (301) 463-2844
 FX. (301) 562-0455

BUILDING PERMIT # B00155342
 PARCEL 126
 SPRINGHAVEN COURT
 ELLICOTT CITY, MD 21042
 HOWARD COUNTY, MD

DATE		NUMBER		REVISION DESCRIPTIONS	
PERMIT INFORMATION CHART					
SUBDIVISION NAME		SECTION/AREA		LOT/PARCEL NO.	
SPRINGHAVEN CT NES FARMSIDE				73/126	
PLAT# OR L/F	BLOCK#	ZONING	TAX MAP NO.	ELECT DISTR	CENSUS TRACT
9022/640		RC-9ED	23	03	
WATER CODE			SEWER CODE		
N/A			N/A		
ADDRESS CHART					
LOT/PARCEL #		STREET ADDRESS			
73/126		11743 SPRINGHAVEN COURT			
TITLE					
SEPTIC PROFILE					
DESIGN BY: C. WILLIAMS			PROJECT NO.: 16043182		
DRAWN BY: J. TERRY			DRAWING NUMBER		
CHECKED BY: M. ALERMAN			1 of 3		





ENGINEERS • PLANNERS • SCIENTISTS • CONSTRUCTION MANAGERS

14502 GREENVIEW DRIVE, SUITE 100 • LAUREL, MD 20708 • 410-792-8086 • (FAX) 410-792-7419

To: Howard County, Maryland
Permits and Licenses
3450 Courthouse Drive
Ellicott City, MD 21043

Date: 30-Aug-05

Re: KCI Job No 1604318201
Dancel Property
Bldg. Permit # B00155342

Attention:

VIA Hand Delivered

- | | | |
|---|--|---|
| ☒ We are submitting | ☒ Herewith | ☐ Under separate cover |
| ☐ We are forwarding | | |
| ☐ We are returning | | |
| ☐ We request | | |

No.	Description
2	Prints of the Stormwater Management Plan per Phil Thompson of Developers Engineering Division
2	Prints of the Septic Plan per Pete of Environmental Health

Remarks: Please find enclosed plans requested by others for distribution. In response to comments.

- | | |
|---|---|
| ☐ In accordance with your request | ☐ For your use |
| ☒ For your review | ☐ Please call when ready |
| ☐ For processing | ☐ Please return to this office |
| ☐ Plans reviewed and accepted | ☒ Approval Requested |
| ☐ Plans reviewed and accepted as noted | ☐ Conference requested at your convenience |
| ☐ For revision by you | |

For further information, please contact the writer at this office.

Very truly yours,

KCI TECHNOLOGIES, INC.

Tim Miller
Senior Associate

cc: Files
Enclosures

*OKed -
Langer*

410-792-8086