10/24/00 1PM
10/25/00 in progress
12/4/00 PM-in progress
12/14/00 ASAP

PERMIT

Needs Pump Test

SEWAGE DISPOSAL SYSTEM

P 514252 B

A ~~58589~~

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT ____________

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 410-313-2640

DATE 9/14/2000

DATE SYSTEM APPROVED 12/19/00

RPS 331652

12/19/00 10:00

INSPECTOR [signature]

SK Backhoe & Septic Service IS PERMITTED TO INSTALL X ALTER ____

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

SUBDIVISION Woodford's Grant III LOT 7 ROAD 11159 Willow Green Way

PROPERTY OWNER Trinity Builders

ADDRESS 7320 Grace Drive, Columbia, MD 21044

COMPARTMENTED SEPTIC TANK REQUIRED (TOP SEAMED)

SEPTIC TANK CAPACITY ~~1500~~ 1250 GALLONS

NUMBER OF BEDROOMS 4/3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

PUMPED SEPTIC SYSTEM PROPOSED (TOP SEAMED)

INSTALL: - 1-1250 GALLON COMPARTMENTED PUMP CHAMBER REVERSED

NOTES: - Septic pump detail as provided by installer.
- Pump performance test is necessary prior to Health Department approval of pumped septic system.

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 10 feet from the left lot line, and 10 feet from the rear lot line. Run trenches along contour toward opposite side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

On SRN 9/27/00

PLANS APROVED BY Craig Williams, R.S. / Amy McMillen 4/10/00 DATE 11-20-1999

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

BUILDING PERMIT SIGNED AND RETURNED

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

81204 B00149873-I6 POOL

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

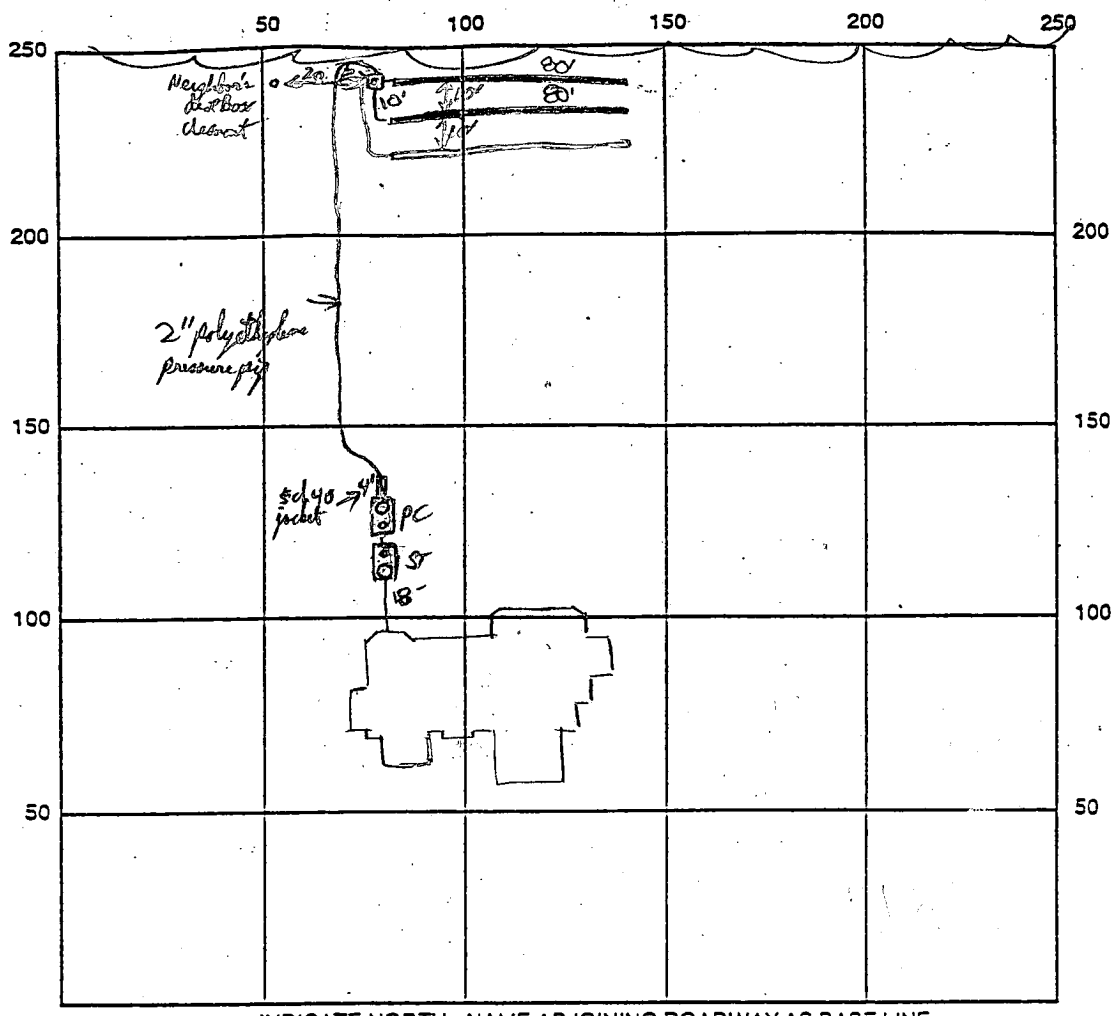
A P514252B

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

HD-260(6-90)

PM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

PUMP AT - 1500 gal +.S. Willow Green Way

SEPTIC TANK LEVEL OK - 1500 Gal +.S. comp CLEANOUTS ✓manhole on each tank OK

DISTRIBUTION BOX LEVEL ✓ 4" Baffles in ST + PC are set in 1ft From end of Tanks directly below decorate

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 ~~EFF~~ FT.

NUMBER OF TRENCHES 3 Total ~~ONE SIDEWALL~~/BOTTOM AREA 720 SQ. FT.

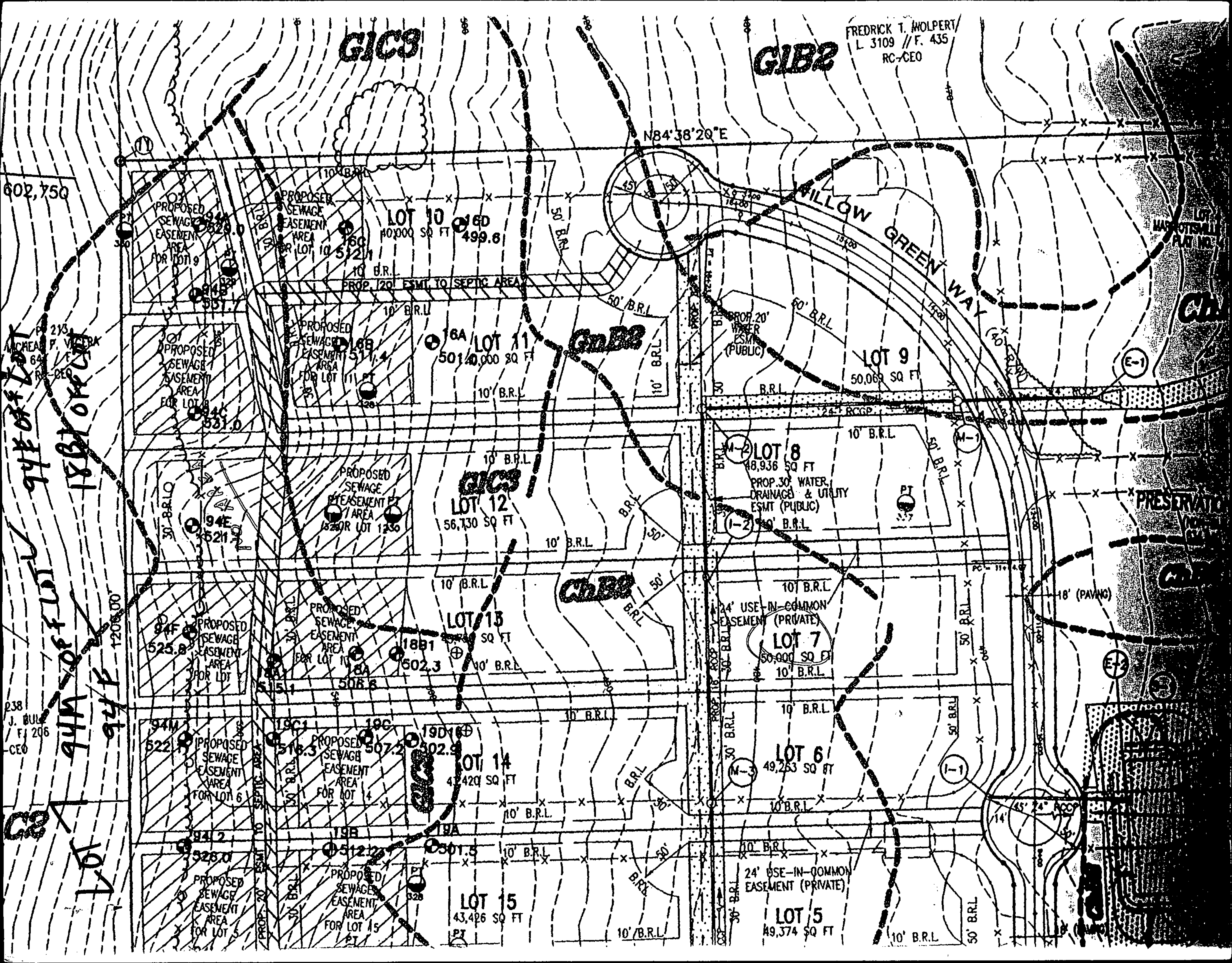
DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 10/24/00 Trench layout OK - 3, 80' trenches - tanks not dug until 10/25/00 pm ~~OUTER~~ AND RETURN

10/25/00 OK to complete connection of tanks, run pump line, and install last trench. DKC ST + PC Manholes & Baffles - OK to cover tank & House connection. Last Trench OK, OK to cover all work. MP 10/26/00 Needs Pump Test 12/14/00 NO H_2O IN PUMP TANK - RESCHEDULE MP 12/19/00 Pump insp. missed - per Virgil - pump & alarm working properly

DATE SYSTEM APPROVED 12/19/00 INSPECTOR Ann McNeill



G1C3
G1B2
FREDRICK T. WOLPERT
L 3109 // F. 435
RC-CEO
N84°38'20"E
WILLOW GREEN WAY
602,750
LOT 10
40,000 SQ FT
PROP. 20' ESMT. TO SEPTIC AREA
LOT 11
40,000 SQ FT
LOT 9
50,069 SQ FT
PROP. 20' WATER ESMT (PUBLIC)
LOT 8
48,936 SQ FT
PROP. 30' WATER, DRAINAGE & UTILITY ESMT (PUBLIC)
LOT 12
56,730 SQ FT
LOT 13
LOT 7
50,000 SQ FT
24' USE-IN-COMMON EASEMENT (PRIVATE)
18' (PAVING)
LOT 6
49,263 SQ FT
LOT 14
41,420 SQ FT
LOT 15
43,426 SQ FT
LOT 5
49,374 SQ FT
24' USE-IN-COMMON EASEMENT (PRIVATE)
PROPOSED SEWAGE EASEMENT AREA FOR LOT 9
PROPOSED SEWAGE EASEMENT AREA FOR LOT 10
PROPOSED SEWAGE EASEMENT AREA FOR LOT 11
PROPOSED SEWAGE EASEMENT AREA FOR LOT 8
PROPOSED SEWAGE EASEMENT AREA FOR LOT 12
PROPOSED SEWAGE EASEMENT AREA FOR LOT 6
PROPOSED SEWAGE EASEMENT AREA FOR LOT 4
PROPOSED SEWAGE EASEMENT AREA FOR LOT 5
PROPOSED SEWAGE EASEMENT AREA FOR LOT 15
1200.00
PRESERVATION

APPLICATION

PERCOLATION TESTING

A 58589

P _____

DISTRICT _____

DATE 7/29/97

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER L D+D

ADDRESS 10605 Hickory Ridge Rd Suite 215 Col, MD 21044 PHONE 410-740-2600

AGENT OR PROSPECTIVE BUYER LAND Design & Development

ADDRESS 10605 Hickory Ridge Rd Suite 215 Columbia, MD 21044 PHONE 410-740-2600

PROPERTY LOCATION:

SUBDIVISION Willow Wood LOT NO. _____

ROAD AND DESCRIPTION Marriottsville Rd

TAX MAP 10 PARCEL # 293

SIZE OF LOT 1 acre TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. _____
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

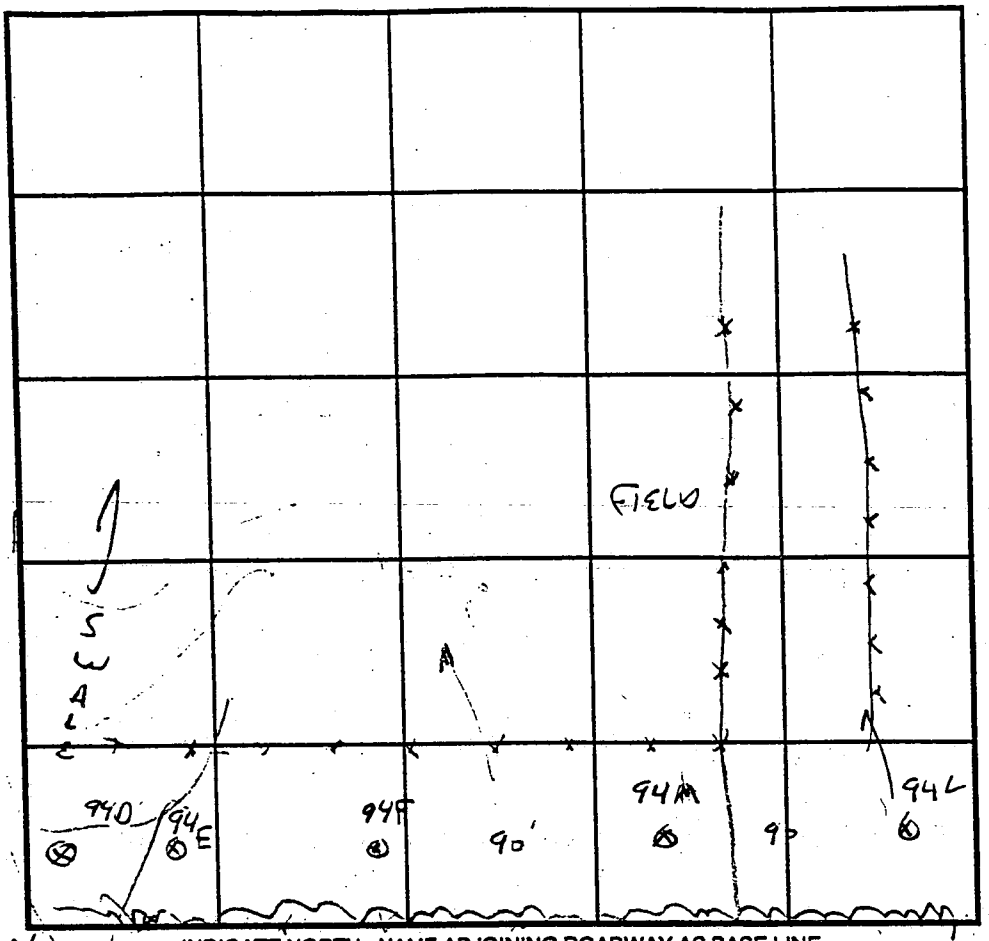
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

HD-216 (3/92)

A585899
COUNTY#



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE 94F

0'
6" TOPSOIL
1' BROWN MICA CLAY LOAM
BROWN SANDY MICA LOAM
15-20' PLATY MICA
11'

SOIL PROFILE

0'

94M

BROWN CLAY LOAM
3
BROWN SANDY FINE MICA LOAM
7?
6
GREY BROWN + WHITE SANDY POWDERY LOAM
11'

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
9/4/97	94E	3.5'/11	11:10:30	11:11	11:11	11:11:25	25 SEC
		6	11:13:17	11:13:47		11:14:33	46 SEC
	94M	11'					

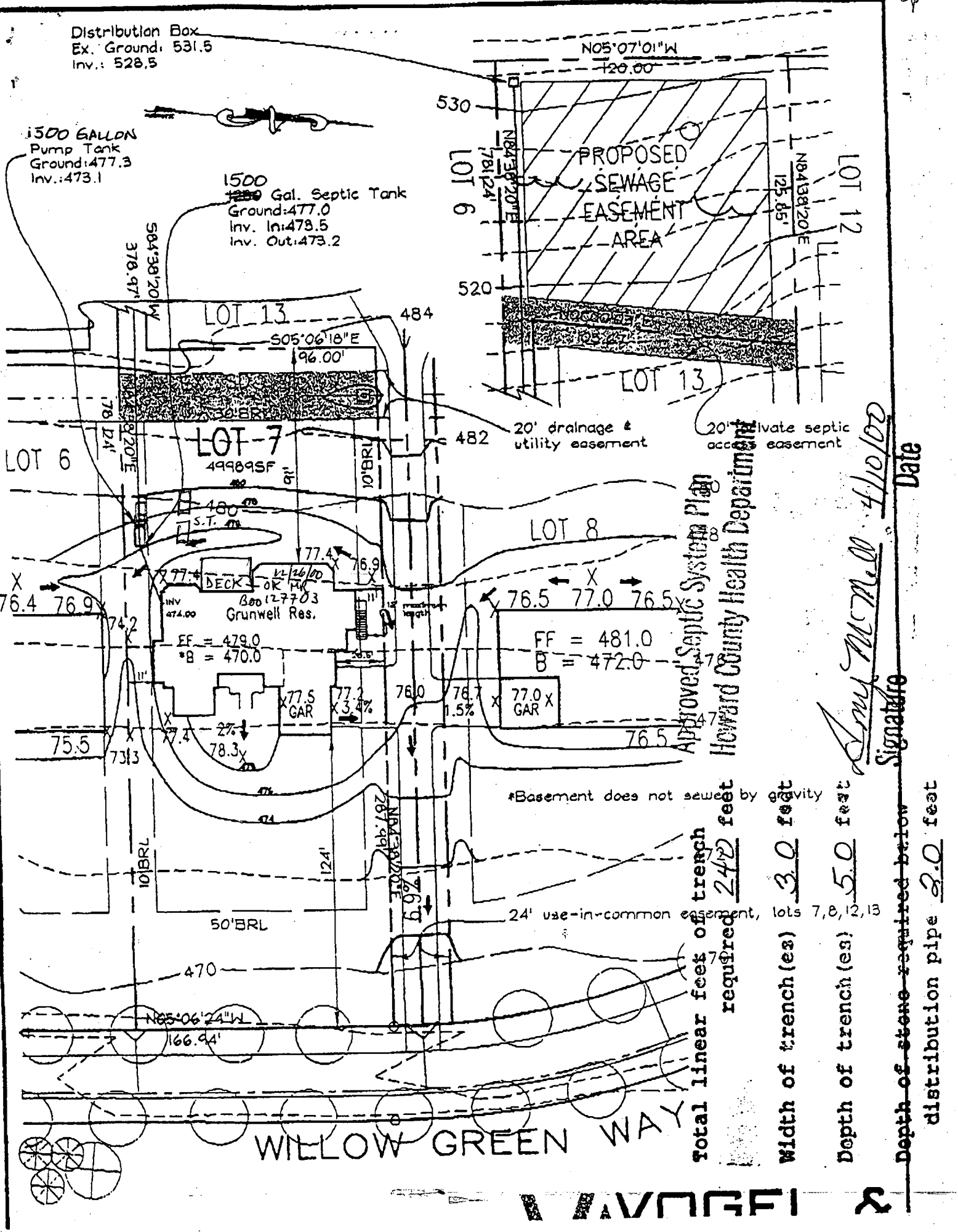
REMARKS 2 OF 4

TYPE OF SOIL

TESTED BY G. SAVAGE ALSO PRESENT MIKE KAISER, CREW

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____


Distribution Box
Ex. Ground: 531.5
Inv.: 528.5
1500 GALLON
Pump Tank
Ground:477.3
Inv.:473.1
1500
Gal. Septic Tank
Ground:477.0
Inv. In:478.5
Inv. Out:473.2
N05°07'01"W
120.00
PROPOSED
SEWAGE
EASEMENT
AREA
LOT 9
LOT 12
LOT 13
LOT 7
LOT 6
LOT 8
499895F
S05°06'18"E
96.00'
S84°38'20"W
378.47'
N84°38'20"E
125.45'
20' drainage & utility easement
20' private septic access easement
Grunwell Res.
DECK
FF = 479.0
B = 470.0
FF = 481.0
B = 472.0
*Basement does not sewer by gravity
50'BRL
10'BRL
24' use-in-common easement, lots 7,8,12,13
N85°06'24"W
166.94'
WILLOW GREEN WAY
Approved Septic System Plan
Howard County Health Department
Signature
Date
Total linear feet of trench required 242 feet
Width of trench(es) 3.0 feet
Depth of trench(es) 5.0 feet
Depth of stone required below distribution pipe 2.0 feet

ELLICOTT CITY, MD 21043
PERMITS (410)313-2455 INSPECTIONS (410)313-1810
AUTOMATED INFORMATION (410) 313-3800

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER B00123227

Building Address 11159 WILLOW GREEN WAY
MARRIOTTSVILLE 21104
Suite/Apt. #: N/A SDP/WP/Petition #: N/A
Census Tract 6030 Subdivision WOODFORDS GRANT
Section 3 Area N/A Lot 7
Tax Map 10 Parcel 293 Grid 22
Zoning RCDEO Map Coordinates 5K12 Lot size 44959 sq ft

Property Owner's Name Trinity Builders
Address 7320 Grace Dr.
City Columbia State MD Zip Code 21044
Home Phone Work Phone 410-313-8732
Applicant's Name & Mailing Address, (if other than stated hereon)
Phone Fax 410-313-8731

Existing Use Vacant Lot
Proposed Use S.F.D
Estimated Construction Cost $ 100,000
Description of Work CUSTOM-2 STORY, FULL BSMT, 4BR, 4B, FP, GARAGE, LAUNDRY QUARTERS, BR-4BR

Contractor Company Same
Contact Person
Address
City State Zip Code
License No.
Phone Fax

Occupant or Tenant N/A
Contact Name
Address
City State Zip Code
Phone Fax

Engineer or Architect Company Same
Contact Person
Address
City State Zip Code
Phone Fax

BUILDING DESCRIPTION - *COMMERCIAL*

Building Characteristics

Height:
No. of stories:
Gross area, sq. ft. per floor:
Use group:
Construction type:
____ Reinforced Concrete
____ Structural Steel
____ Masonry
____ Wood Frame
____ State Certified Modular

Utilities

Water Supply:
____ Public
____ Private
Sewage Disposal:
____ Public
____ Private
Electric Yes ☐ No ☐
Gas Yes ☐ No ☐
Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐
Sprinkler system: N/A ☐
____ Full
____ Partial
____ Other Suppression
____ # of Heads

BUILDING DESCRIPTION - *RESIDENTIAL*

Building Characteristics

SF Dwelling ☒ SF Townhouse ☐
Depth Width
1st floor:
2nd floor:
Basement:
Finished Basement ☐ Unfinished Basement ☒
Crawl space ☐ Slab on Grade ☐
No. of Bedrooms 4
Multi-family dwellings:
No. of efficiency units:
No. of 1 BR units:
No. of 2 BR units:
No. of 3 BR units:
Other Structure:
Dimensions:
Footings:
Roof:
____ State Certified Modular
____ Manufactured Home

Utilities

Water Supply:
☒ Public
____ Private
Sewage Disposal:
____ Public
☒ Private
Electric Yes ☒ No ☐
Gas Yes ☐ No ☐
Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☒
Sprinkler system: N/A ☒
____ NFPA #13D
____ NFPA #13R
____ Other:

THIS UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Sally L. Hodge
Applicant's Signature

Sally Hodge
Print Name

VP. Operations — Trinity
Title/Company

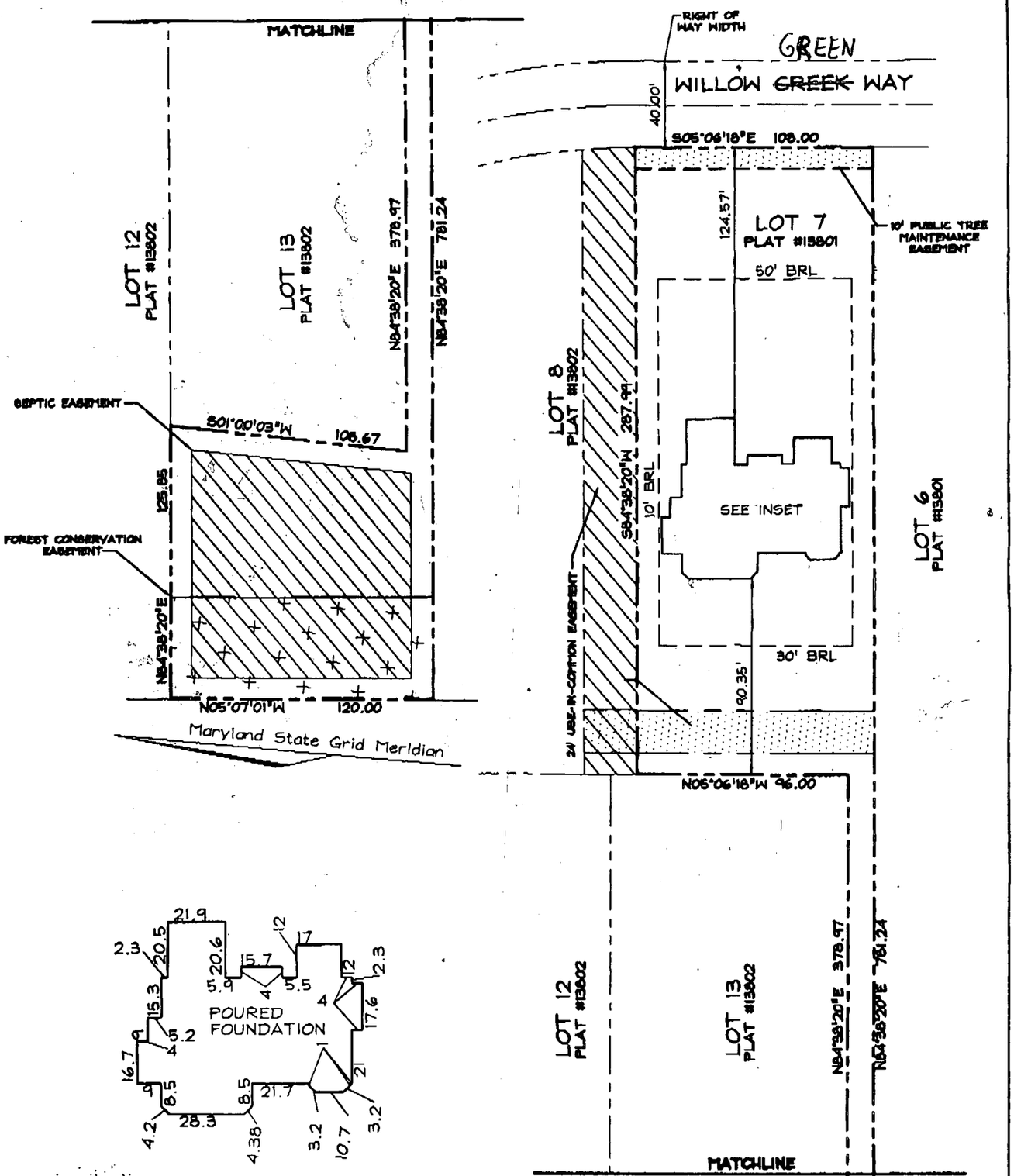
3/30/00
Date

Checks payable to: *DIRECTOR OF FINANCE OF HOWARD COUNTY*
** PLEASE WRITE CLEARLY AND LEGIBLY **

SIGNED 4/10/00

- FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE APPROVAL	DPZ SETBACK INFORMATION	PROPERTY ID#
X Land Development DPZ			Front	45560



INSET
SCALE: 1"=50'

9/27/00 -
House location consistent w/ BP site plan
ON SRH

STATE OF MARYLAND
MARK CHARLES MARTIN
10884
REGISTERED
PROFESSIONAL LAND SURVEYOR

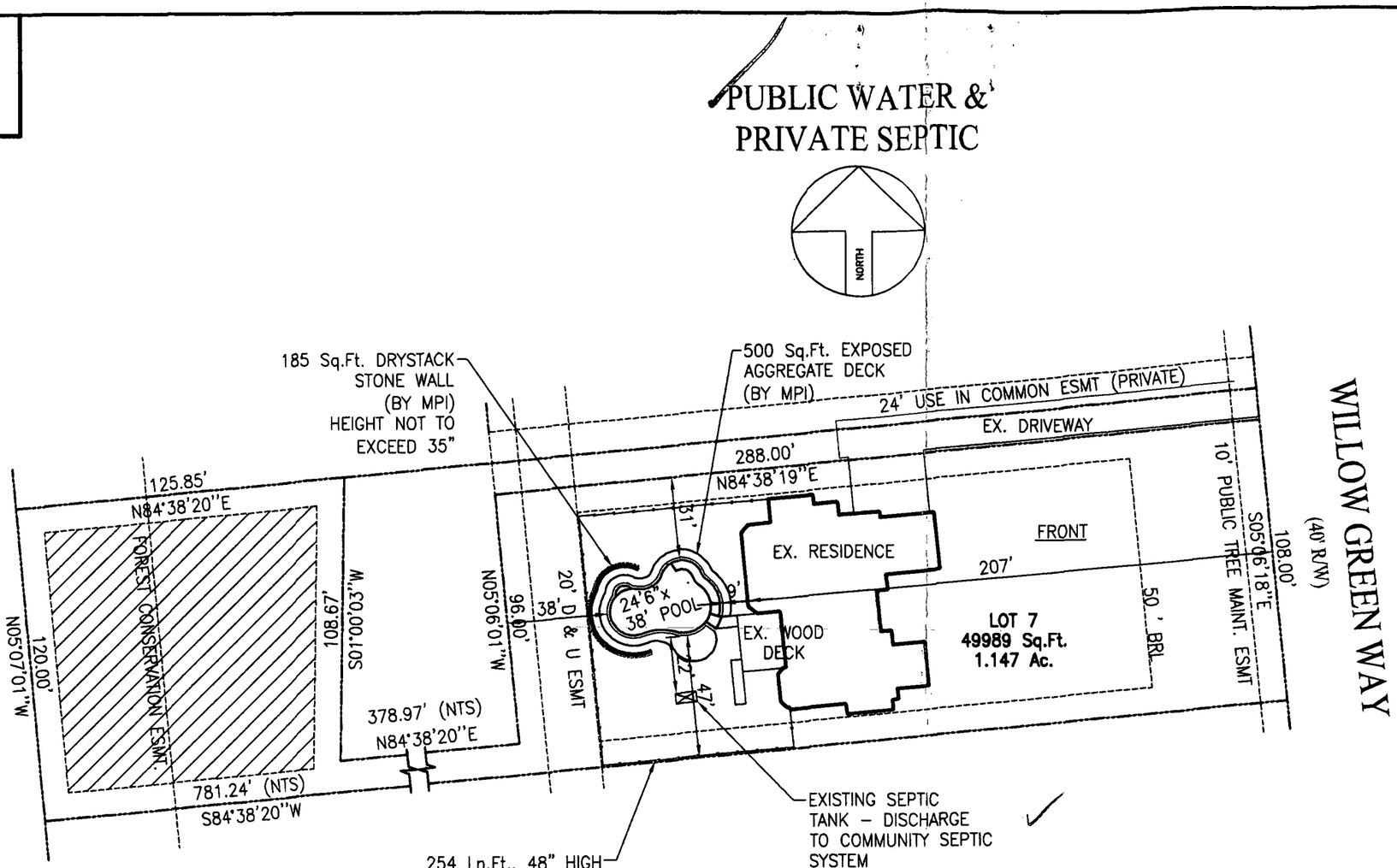
TOP OF WALL ELEV. 478.93

RECORD REFERENCES	WALL CHECK OF LOT 7 WOODFORDS GRANT HOWARD COUNTY MARYLAND	VOGEL ASSOCIATES, INC.
LIBER/FOLIO		CONSULTING ENGINEERS–SURVEYORS–PLANNERS
PLAT BOOK N/A		3691 PARK AVE. #101 ELLICOTT CITY, MD 21043
PLAT NO./FOLIO 13802		TELEPHONE (410)461-5828 FAX (410)465-3966
SCALE 1"=60'		I HEREBY CERTIFY THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN HEREON AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.
DATE 7-19-00		Mark C. Martin
		MARK C. MARTIN, PROFESSIONAL LAND SURVEYOR #10884

C:\Land Projects\98-97\dwg\LOT7CHK.dwg 07/19/00 13:34

SETBACKS:	
REAR PL.	10'
SIDE PL.	10'
HOUSE	0'
SEPTIC	20'
WELL	30'

PUBLIC WATER &
PRIVATE SEPTIC



APPROVED
WALK-THRU BUILDING PERMIT
BP# Q0149873 A# 58585
APP. SAN KW DATE: 8-12-04
DESC. OF WORK: ungr pool
OK

SITE PLAN
1"=50'

LOT 7
WOODFORDS GRANT III

TAX ACCOUNT #331652
MAP 1101, GRID 16, PARCEL 326
3RD ELECTION DISTRICT NO.
HOWARD COUNTY, MARYLAND

REVISIONS:
00/00/00

Maryland POOLS Inc.

9515 GERWIG LANE
SUITE 119
COLUMBIA, MD 21046
410-995-6600

11166 MAIN STREET
SUITE 402
FAIRFAX, VA 22030
703-359-7192

800-252-SWIM
WWW.MARYLANDPOOLS.COM

EQUIPMENT LIST

DIRT/GRADING:	SOME HAUL
SPA:	NONE
RAISED BEAM:	NONE
TILE:	STB–808
COPING:	TAN SUIT SAVER
PLASTER:	WHITE MARBELITE
FILTER SYS:	C&C 420 SF CART. W/2 HP PUMP
CLEANING SYS:	PCC2000
TREATMENT SYS:	MINERAL SPRINGS
CONTROL SYS:	NONE
HEATER:	AC–125 HEAT PUMP
LIGHTS:	ONE **WATTS:** 500 **VOLTS:** 120
LOVESEAT:	(1) @ 6' OUTSIDE
AQUA BENCH:	NONE
RAIL GOODS:	CUSTOM RAILS – PER PLANS
DECKING:	500 Sq.Ft. EXP. AGG
FENCE:	BY OWNER
POOL COVER:	NONE **TYPE:** N/A
CHEMICALS:	$100 CHEMICAL ALLOWANCE
OTHER ITEMS:	110 Sq.Ft. RAMP INTO POOL ACCENT TILE PER PLANS EXTRA STEP RISERS
ELECTRIC:	200 FT.

POOL DATA

SIZE/SHAPE:	24'–6" x 38'–0" – CUSTOM		
POOL AREA:	687	**SPA:**	**OTHER:** 132
TOTAL AREA:	819		
PERIMETER:	120	**SPA:**	
GALLONAGE:	27,600	**DEPTH:**	3'–0" TO 6'–0"

DIRECTIONS TO SITE

RT–32 WEST TO RT–99 NORTH
L/T ON MARRIOTTSVILLE RD
1ST L/T ONTO WILLOW GREEN WAY INTO NEIGHBORHOOD
BEAR RIGHT @ 1ST CIRCLE
SITE ON RIGHT

MAP #
6
GRID
A13

Harry & Marie Grunwell
11159 Willow Green Way
Marriottsville, Maryland 21104
Howard County

HOME PHONE: 410–442–7449
OFFICE PHONE 1:
OFFICE PHONE 2:

IN–PROGRESS NOT FOR CONSTRUCTION
DATE: 08–12–04

SITE PLAN				ZONE: ONE
LOT: 7	SUBDIVISION NAME: WOODFORDS GRANT III		DISTRICT: 3	PIN #: 331652
SCALE: 1"=50'	BY: JEK	DATE: 8/12/04	JOB NUMBER: DW04–8031	SHEET #: S–1