

B 1	10690	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type	STATE PERMIT NUMBER <u>110-14-0128</u> fill in this form completely
Date Received (APA)		B 3 LOCATION OF WELL		
8 MM DD YY 13 <u>Eseld</u> 15 Last Name Owner First Name 34 <u>Christopher</u> 36 <u>14833 Silver Ash Ct</u> Street or RFD 55 <u>Burtomville MD 20866</u> 57 Town 70 State 72 Zip 76		8 COUNTY <u>Howard</u> 21 23 SUBDIVISION <u>Pine Meadow</u> 42 SECTION <u>44</u> LOT <u>2</u> 50 <u>Clarksville</u> 52 NEAREST TOWN 71		
DRILLER INFORMATION <u>Edward Gross</u> MWD 580 Driller's Name 76 License No. 81 <u>Long Green Drilling 410-408-2246</u> Firm Name <u>2109 Emmarter Park Rd #107 Edgewood</u> Address <u>Edgewood</u> 9/11/14 21040 Signature Date		B 4 SOURCES OF DRILLING WATER 1. <u>Public</u> 2. 3. 4507 Ten Oaks Rd. 11 STREET ADDRESS 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST ☒ EAST SOUTH 34 .25 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: _____ BLK: _____ PARCEL: _____		
B 2 WELL INFORMATION 1 APPROX. PUMPING RATE (GAL. PER MIN.) 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <u>Howard</u> (13) A5986 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S → 41 DATE ISSUED 9/25/14 43 MM DD YY 48 CO SIGNATURE <u>Phyllis Kay</u> 9/25/15 EXP. DATE		
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☐ DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) ☐ INDUSTRIAL, COMMERCIAL, DEWATERING ☐ PUBLIC WATER SUPPLY WELL ☐ TEST, OBSERVATION, MONITORING ☐ OPEN LOOP GEOTHERMAL ☒ CLOSED LOOP GEOTHERMAL <u>3x Geothermal</u>		PROPOSED LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL 		
APPROXIMATE DEPTH OF WELL <u>320'</u> FEET 24 28 APPROXIMATE DIAMETER OF WELL <u>6</u> INCH NEAREST INCH				
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) 37 CABLE REVERSE-ROTary DRIVE-POINT other _____				
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS ☐ THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52				
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER _____ G _____ PERMIT No. <u>110-14-0128</u> 70 71 72 73 74 75 76 77 78 79				
SPECIAL CONDITIONS <u>Acrost bottom to top.</u> NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.				

FUTURE 5- PVC SCHEDULE 40
ERFORATED, RESERVED DRAINFILL LINES

ITS OF CLEARING AND
GRADING (L.O.D.) (TYP.)

PROP. 50.0'x12.0'
RIP RAP (TYP.)

PROP. N-2 NON ROOFTOP
DISCONNECT (1,982.22 SF)

PROP. 1" PVC SCHEDULE 40
FORCE MAIN (TYP.)

REGULATION TANK
(20-RT BAT UNIT)
ON SHEET 1 OF 4

CONTROL &
PANEL

AVG. SLOPE
75FL.±

AVG. SLOPE
75FL.±

AVG. SLOPE
75FL.±

AVG. SLOPE
75FL.±

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75FL.±

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75FL.±

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75FL.±

AVG. SLOPE
75FL.±

EX. BARN (TO REMAIN)

UNTIMIGATED
65dBA NOISE LINE

PROP. 6" PVC
SCHEDULE 40 HEADER

PROP. N-2 NON ROOFTOP
DISCONNECT (2,134.78 SF)

10,918± S.F.
SEPTIC AREA

EX. WOOD FENCE
W/ WIRES (TYP.)

SD-N OUTFALL
DRAINAGE DITCH

LEVEQUE
LOT 1
DB. 10955 P.G. 624
RR-DEO

PROF. 4" SLEEVE (PVC)
S 40°32'09" E
88.14'
LIMITS OF CLEARING AND
GRADING (L.O.D.) (TYP.)

PROP. M-5 5.0'x5.0'x3.6'
DRY WELL (TYP. OF 2)

S 41°04'59" W
91.08'

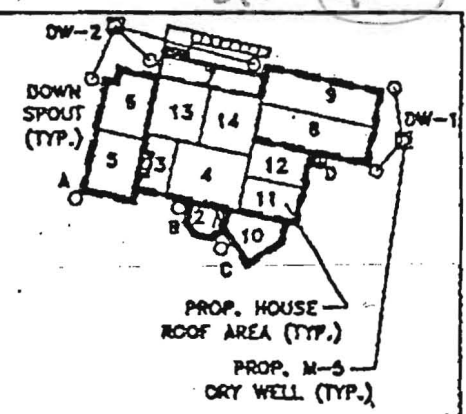
PROP. DRAIN TILE
(TYP.)

PROP. N-1 DISCONNECT OF
ROOFTOP RUNOFF (TYP.)

S 11°47'21" W
67.39'

12" PINE

DOWN SPOUT	ROOF TOP AREA	AREA (SQ-FT)
A	5, 3	495.00
B	2, 4	485.00
C	1, 10, 11	345.00
D	12, 14	480.00
DW-1	8, 9	845.00
DW-2	6, 7, 13	888.00



PROP. N-1 ROOFTOP DISCONNECT DETAIL

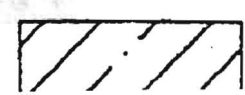
DO NOT REMOVE THIS TAG
DEPARTMENT OF THE ENVIRONMENT
WELL PERMIT NUMBER

H0-14-0128

INFORMATION GIVE NUMBER AND WRITE
1800 WASHINGTON BLVD
BALTIMORE MARYLAND. 21230

LEGEND

- 25' WETLAND BUFFER
- 75' STREAM BUFFER
- 100 YEAR FLOODPLAIN
- WETLANDS
- STREAM



PUBLIC 100-YR FLOODPLAIN,
DRAINAGE & UTILITY, AND

FUTURE 5- PVC SCHEDULE 40
PERFORATED RESERVED DRAINAGE LINES

LIMITS OF CLEARING AND
GRADING (L.O.D.) (TYP.)

PROP. 50.0'x12.0'
RIP RAP (TYP.)

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DISCONNECT (1,982.22 SF)

PROP. 1" PVC SCHEDULE 40
FORCE MAIN (TYP.)

REGULATION TANK
(20-RT BAT UNIT)
ON SHEET 1 OF 4

PROP. 1" GALV.
PIPE (TYP.)

CONTROL &
PANEL

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PIPE (TYP.)

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65dBA NOISE LINE

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SCHEDULE 40 HEADER

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DISCONNECT (2,154.79 SF)

10,918± S.F.
SEPTIC AREA

EX. WOOD FENCE
W/ WIRES (TYP.)

SD-H OUTFALL
DRAINAGE DITCH

LEVEQUE
LOT 1
DB, 10955 PG. 624
RR-DEO

S 40°32'09" E
88.14'
LIMITS OF CLEARING AND
GRADING (L.O.D.) (TYP.)

PROP. M-5 5.0'x5.0'x3.6'
DRY WELL (TYP. OF 2)

S 41°04'59" W
91.08'
PROP. DRAIN TILE
(TYP.)

PROP. N-1 DISCONNECT OF
ROOFTOP RUNOFF (TYP.)

S 11°47'21" W
67.39'

12" PINE

WOOD

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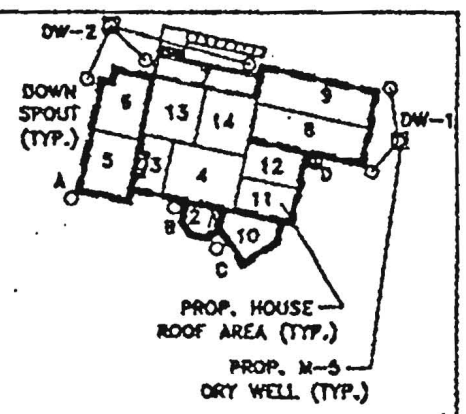
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538

KISSINGER
PARCEL 128
DB, 3342 PG. 300
RR-DEO

DOWN SPOUT	ROOF TOP AREA	AREA (SQ-FT)
A	5, 3	495.00
B	2, 4	485.00
C	1, 10, 11	345.00
D	12, 14	490.00
DW-1	8, 9	845.00
DW-2	6, 7, 13	858.00

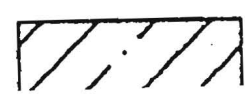


PROP. N-1 ROOFTOP DISCONNECT DETAIL

60 Scale

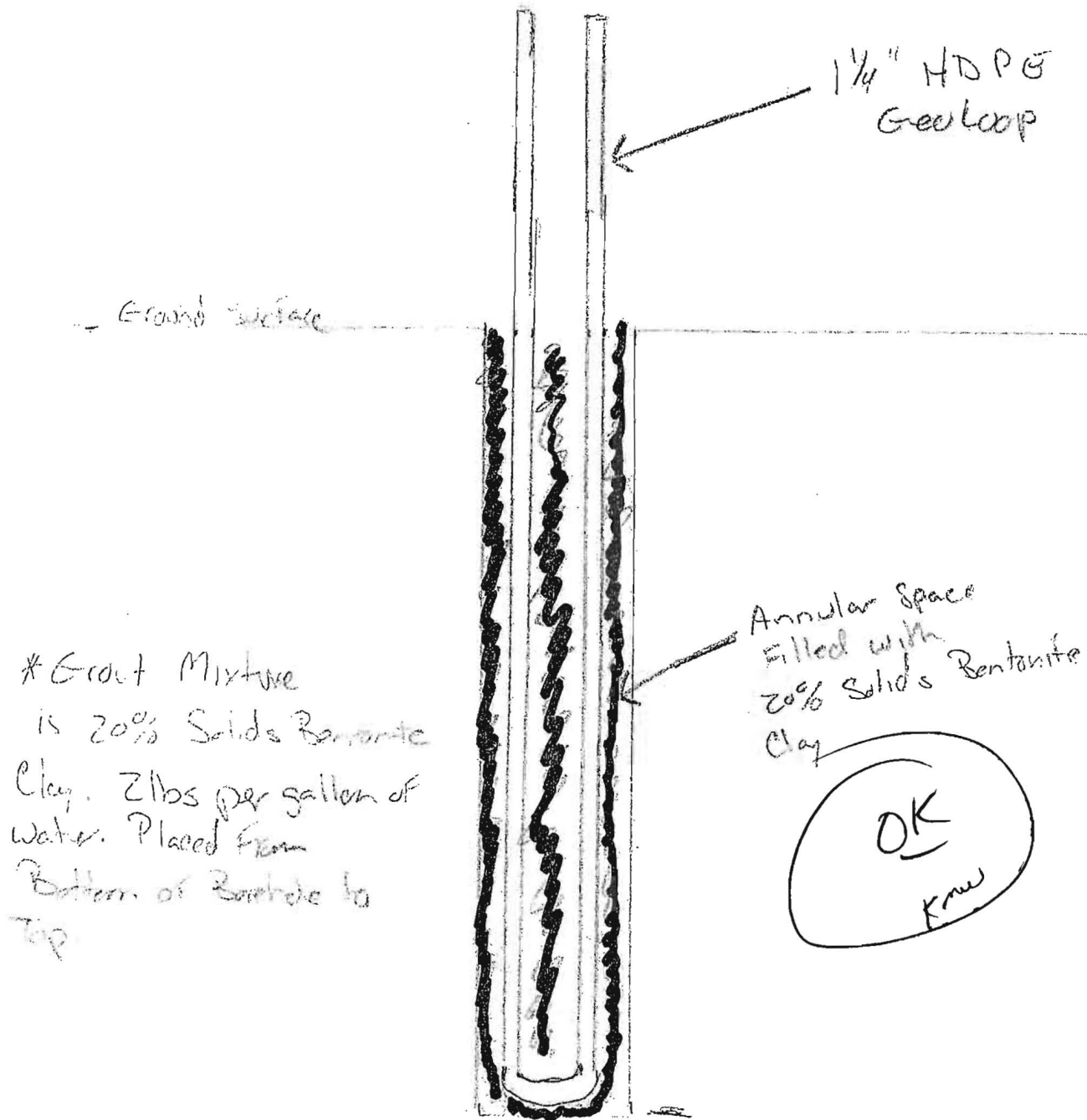
LEGEND

- WB 25' WETLAND BUFFER
- SB 75' STREAM BUFFER
- FP 100 YEAR FLOODPLAIN
- W WETLANDS
- Q STREAM



PUBLIC 100-YR FLOODPLAIN,
DRAINAGE & UTILITY, AND

Bore hole Cross Section



SUBDIVISION: ABE WEISSBRODT

LOT NUMBER: /

TEN OAKS RD.

DRY WELL OR DRY WELL AND TRENCH

	Septic Tank	_____ sq. ft./bedroom
		<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench.
No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

_____ 180 sq. ft./bedroom

Trench to be 2 wide.Inlet 4 feet below original grade.Bottom maximum depth 8 feet below original grade.Effective area begins at 4 feet below original grade.4 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: START FIRST TRENCH 220' FROM THE WEST (507.00) LOTLINE
LOT LINE AND 100' FROM THE NORTH (340.00) LOTLINE
RUN TRENCH(S) ALONG CONTOUR TOWARD EAST
PART OF PROPERTY.

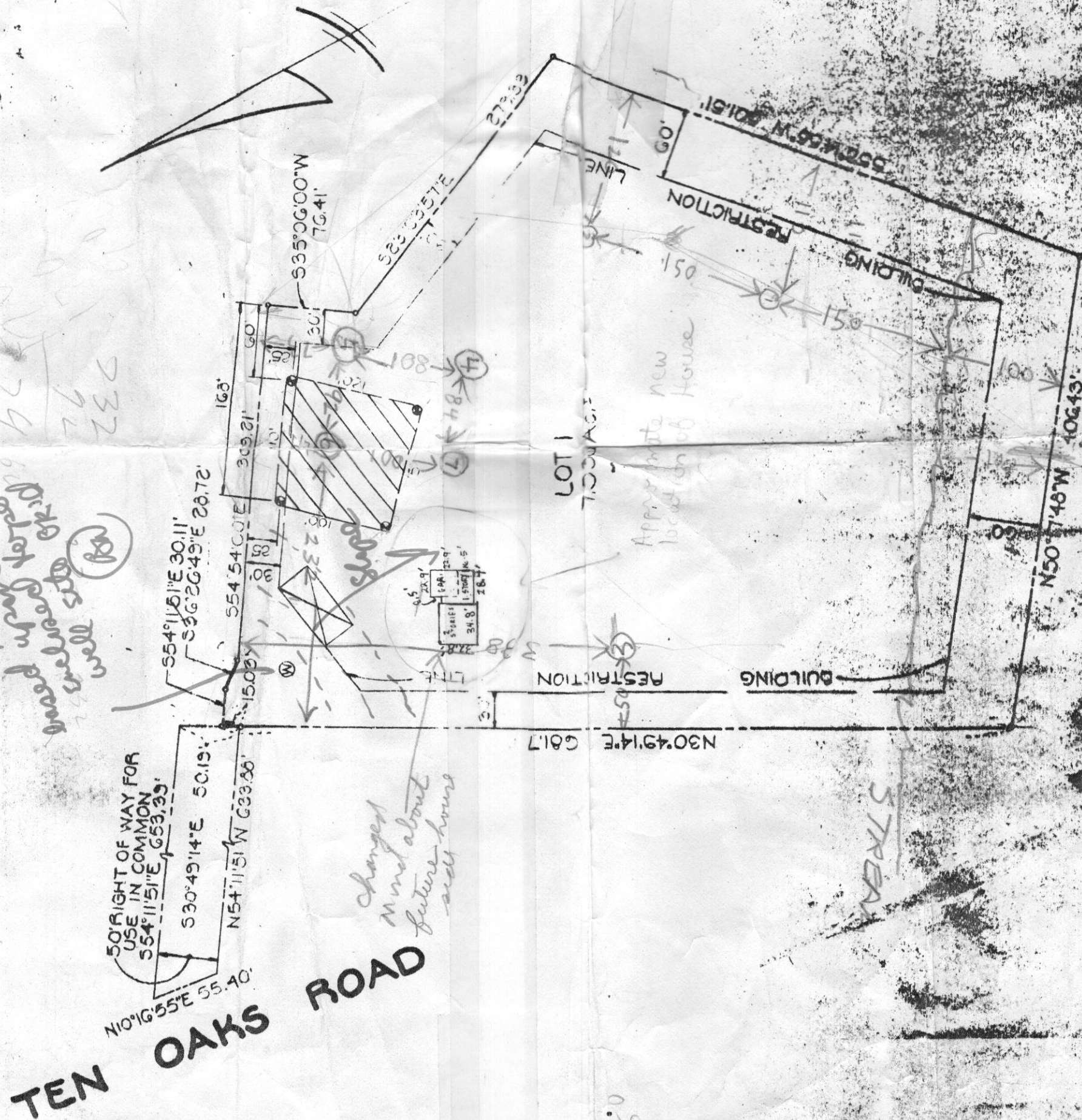
1/20/86 C. W. HODGES12/12/89 REVISED BYR. HODGES AFTER LOT LINE CHANGE& PLAN REVIEW RN

DATE

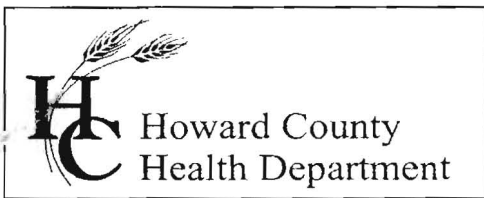
HOWARD COUNTY HEALTH OFFICER

PROPERTY OF
ABE N. WEISSBRODT
ELECTION DISTRICT HOWARD COUNTY, MARYLAND
MAR 3 1933 SCALE 1:100

FISHER, COLLINS & CARTER, Inc.
Consulting Engineers & Land Surveyors
8388 Court Avenue
Ellicott City, Maryland 21043







7178 Columbia Gateway Drive, Columbia MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

MEMORANDUM

TO: Cindy Hamilton, Chief
Division of Land Development

FROM: Sara Fegel 
Well and Septic Program
Development Coordination Section

RE: File Number: F-06-136
Title: Mitchell Property, Lots 1, 2

DATE: April 28, 2006

The following comments apply to the plan prepared by LDE, Inc. The revisions/ corrections mentioned below must be corrected prior to plan approval or signature.

- All wells need to be drilled prior to final plat signature and well completion reports need to be on file with the Health Department.
- Driveway needs to be relocated off of sewage disposal area, or three complete septic systems need to be shown on the plan before final approval.
- Notes stated on the percolation certification plat also need to be added to general notes on the final plat.