

7 PM
11/28/90
12/11/90
12/12
12/13
12/14

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEX-TIME EXPIRED

DATE 11/29/90

DATE SYSTEM APPROVED 12/20/90

FOR F.C.O.P. COMPLIANCE
INDEXED

9/8/93 C. Williams

INSPECTOR RH

B.W.T., Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS 11974 Route 216, Fulton, Maryland

PHONE 498-6138

SUBDIVISION Sobrina Farms

ROAD 601 Sobrina Farms Court

LOT 7

PROPERTY OWNER

Mike Fisher

ADDRESS

* NOTE: SEPTIC SYSTEM LAYOUT INSPECTION REQUIRED BEFORE BEGINNING ANY EXCAVATION; SEE ATTACHED LETTER FOR SPECIAL CONSIDERATIONS.

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

TRENCHES - 210 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 3.0 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Start the first trench 815 feet from the right front corner off cul d'sac and 60 feet off the right (670') lot line as seen when facing the lot from Sobrina Farms Court. Run trenches on contour toward the right rear part of the lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 8-20-90 JEN

PLANS APPROVED BY Sid Abel/Craig Williams

cm

DATE 08/03/90

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

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

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

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

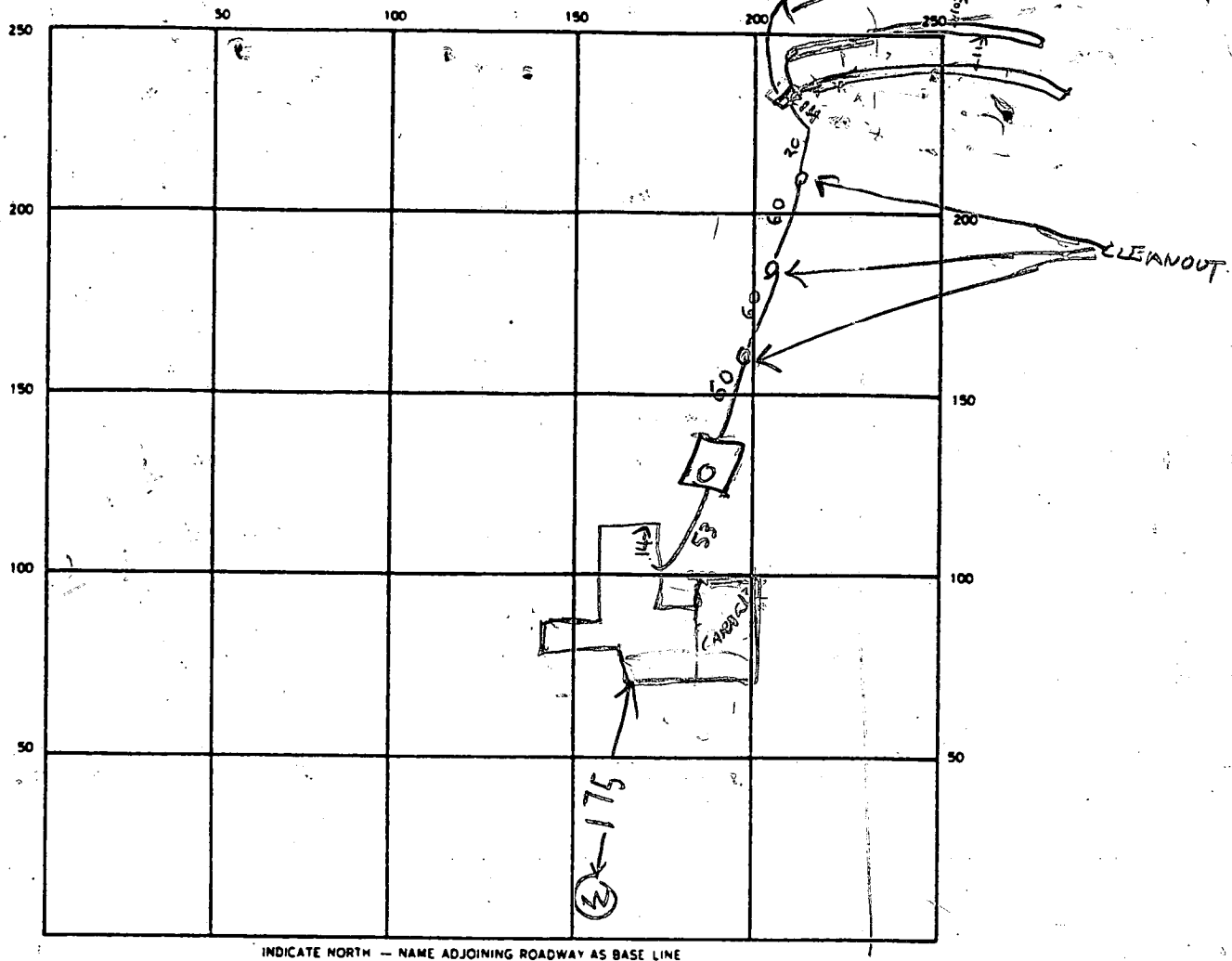
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 35021



SEPTIC TANK. LEVEL OK 1500

CLEANOUTS ST | SEWER
OK | OK 3

DISTRIBUTION BOX. LEVEL OK

DRAIN FIELD/TILE FIELD. DEPTH 4-5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH 100 | 90 | 121 FT. 271

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA 8 | 13 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 12/11/90 OK TO PROCEED AS PLANNED C/M/R 12/12/90 OK 1030 AM

HOUSE SEWER R/H. 12/13/90 TANK INSTALLED & CONNECTED TO BOX R/H

12/14/90 AM - TRENCH #1 STARTED. FINISH TRENCH #18 ADD STONE DIG OTHER

TRENCHES & ADD STONE & CALL R.H. 12/20/90 AM TRENCHES
FINISHED

DATE SYSTEM APPROVED 12/20/90

INSPECTOR

Raymond Hodge

LOT TABULATION				
LOT #	GROSS AREA (AC)	STEM AREA (AC)	NET AREA	RESULTING LOT SIZE (AC)
1	5.764	0.0	4.57	4.263
2	7.0514	0.0433	7.00	7.0081
3	10.6095	0.2760	10.33	10.0605
4	6.7439	0.0	6.74	6.746
5	11.2697	0.3541	10.91	10.7580
6	9.8801	0.3715	9.50	8.5086
7	12.5705	0.0	12.57	9.0375

2	781073.0746	553401.3395
3	781355.0757	553871.5398
4	781830.9808	554630.9702
5	781880.9714	554773.5256
6	781892.3170	554812.0289
7	782112.4732	554728.7807
8	782210.4000	554913.9586
9	781983.4073	555093.2977
10	782245.6515	555014.6902
11	782423.0461	554933.5637
12	783094.1156	554631.8541
13	782870.0980	553342.5115
14	782473.7399	553341.0622
15	782184.5408	553407.8901
16	781942.8019	552764.1410
17	780832.2941	553187.4447
18	780832.4144	553207.7595
19	780856.9045	553271.0835
20	781119.8795	553291.1260
21	781495.6992	553557.8743
22	781515.4879	553602.8816
23	781474.1742	553645.2099
24	781464.7139	553627.1161
25	781088.8242	553330.3686
26	780856.9911	553278.1685
27	780833.0188	553309.8608

SEPTIC SYSTEM DATA

Invert @ House 638.5

Septic Tank

Existing Grade 635
 Fin. Grade 632
 Invert In 628
 Invert Out 627

Distribution Box

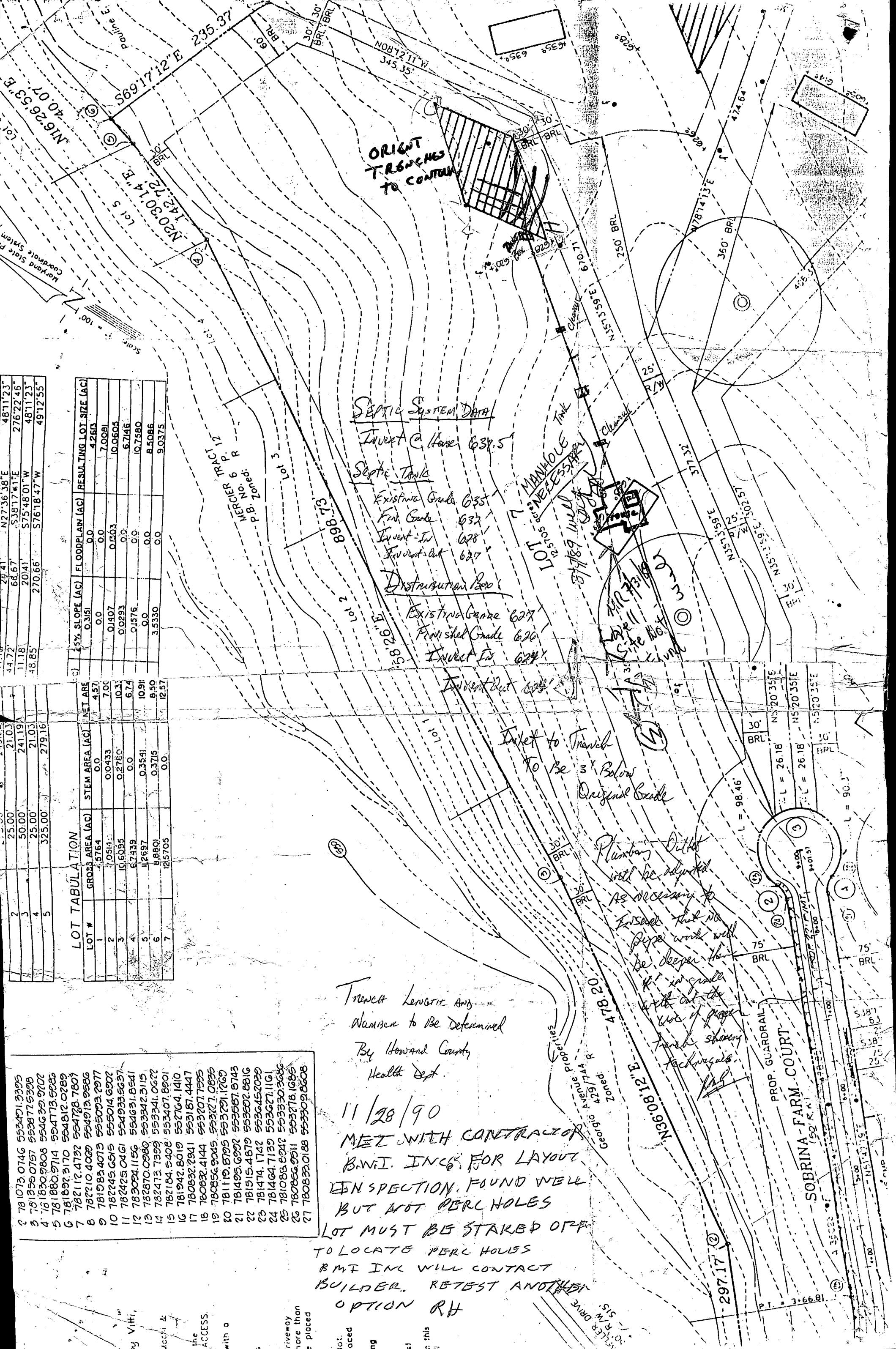
Existing Grade 627
 Finished Grade 626
 Invert In 624
 Invert Out 623

Inlet to Trench
 To Be 3' Below
 Original Grade

Plumbing Outlet
 will be adjusted
 as necessary to
 ensure that no
 pipe work will
 be deeper than
 4' in grade
 with out the
 use of proper
 trenching
 techniques.

Trench Length and
 Number to Be Determined
 By Howard County
 Health Dept.

11/28/90
 MET WITH CONTRACTOR
 B.W.I. INC. FOR LAYOUT
 INSPECTION. FOUND WELL
 BUT NOT PERC HOLES
 LOT MUST BE STAKED OFF
 TO LOCATE PERC HOLES
 BMT INC WILL CONTACT
 BUILDER. RETEST ANOTHER
 OPTION RH



APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 35021

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th

DATE 2/15/85

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Sobrina 99, Inc.

12150 Tech Road

ADDRESS Silver Spring, Maryland 20904 PHONE Don Reuwer 531-5252

PROPERTY LOCATION:

SUBDIVISION Montgomery Industrial Park LOT NO. 7

ROAD AND DESCRIPTION Route 94

SIZE OF LOT 9.5 Acres TYPE BLDG. 3 or 4 Bedrooms
(NUMBER OF BEDROOMS)

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. /s/ Don Reuwer

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

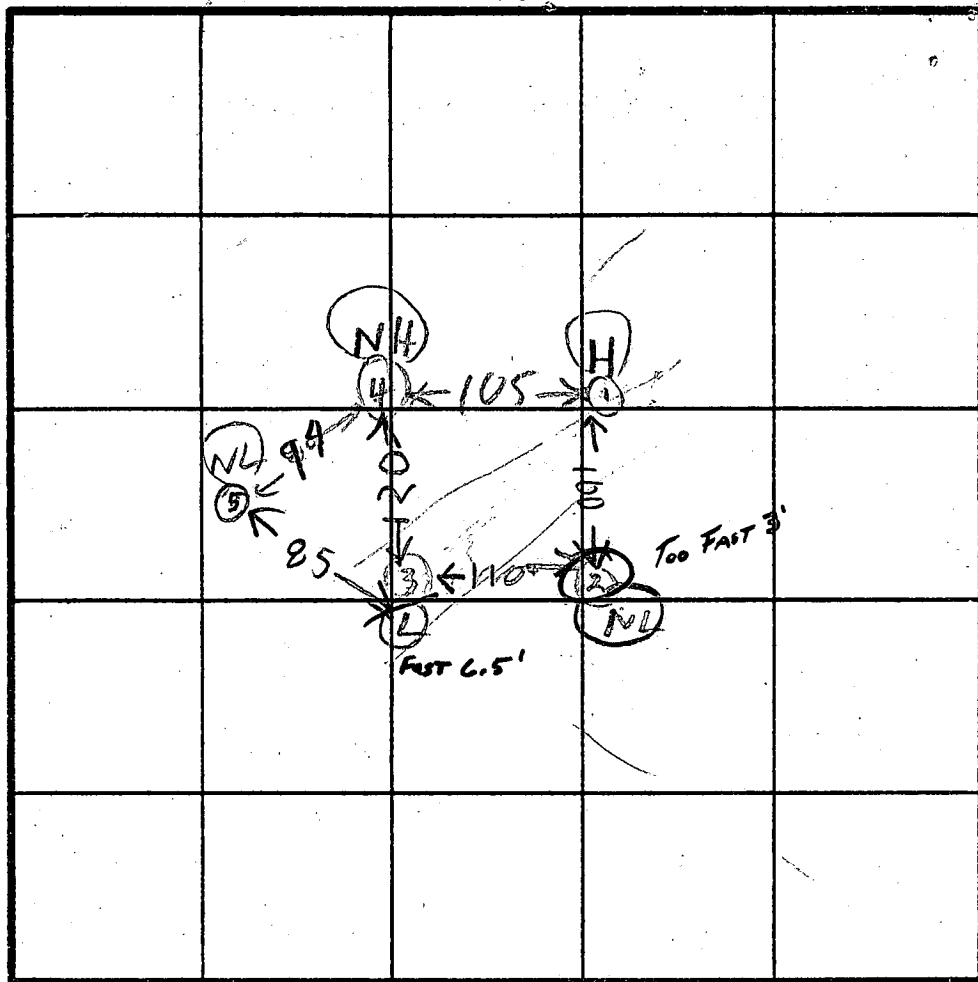
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Lot 7

SOIL PROFILE

CLAY
BROWN
SAND
LOAM
SMALL
SHALE



CLAY
BROWN
SAND
LOAM
SMALL
SHALE

CLAY 6
TOPSOIL
BROWN
SAND
LOAM
SMALL
SHALE

TOPSOIL
BROWN
SAND
LOAM
MEDIUM
SHALE

CLAY

SAND
LOAM

SAND
LOAM
SHALE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/12/95	15	3 1/2	202	206	206	213	7
	29	11	LOOKS	OK			
	25	3	207	210	207	210	50
	2N	11	LOOKS	TOO FAST			
	35	3	216	231	231	250	19
	3V	11	LOOKS	NOVIB	17	3	
	45	3	227	230	230	236	6
	4V	11	LOOKS	OK			
	3M	6 1/2	259	261	261	266	160
	55	4 1/2	323	325	325	333	8
	5V	11	LOOKS	OK			

air time
10 MIN

max
Depth
3 FT
MAX 2 5'
X = 10 MIN
1900

REMARKS

TYPE OF SOIL

TESTED BY

R. HODGES

ALSO PRESENT

OKETTERMAN 880P

CLINT BARNARD REALTOR

BH-12-1079

C1 1111

SEQUENCE NO.
(DENY USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER

A. 35021

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED

8 13

08/1/99 15 20

Depth of Well
22 24 26
(TO NEAREST FOOT)PERMIT NO.
FROM "PERMIT TO DRILL WELL"
40-88-1925 28 29 30 31 32 33 34 35 36 37OWNER FRANK R. NELSON last name first name
STREET OR RFD 1000 E. PINE BLVD TOWN WINDSOR
SUBDIVISION COLINA DRIVE SECTION 1 LOT 9

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Brown Slate	2	15	
Blue Slate	15	50	
Brown Slate	50	60	L
Blue Slate	60	75	
Brown Slate	75	90	L
Blue Slate	90	205	

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes ☒ Y no ☐ N
44 44

TYPE OF GROUTING MATERIAL

CEMENT ☒ CM BENTONITE CLAY ☐ BC
45 46 45 46NO. OF BAGS 5 NO. OF POUNDS 500GALLONS OF WATER 30

DEPTH OF GROUT SEAL (to nearest foot)

from 1 ft. to 19 ft.
48 TOP 52 54 BOTTOM 58
(enter 0 if from surface)casing
types
insert
appropriate
code
below

CASING RECORD

STEEL ☐ ST CONCRETE ☐ CO
PLASTIC ☐ PL OTHER ☐ OTMAIN
CASING
TYPENominal diameter
top (main) casing
(nearest inch)Total depth
of main casing
(nearest foot)☐ PL 60 61☐ 63 64☐ 71 66 70EACH
CASING

OTHER CASING (if used)

diameter
inch from to☐ ☐screen type
or open hole
insert
appropriate
code
below

SCREEN RECORD

STEEL ☐ ST BRASS ☐ BR
BRONZE ☐ PL PLASTIC ☐ PL
OPEN ☒ HO HOLE
OTHER ☐ OT

C2

EACH
SCREEN

DEPTH (nearest ft.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60

SLOT SIZE 1 2 3

DIAMETER
OF SCREEN (NEAREST
INCH)

from to

GRAVEL PACK ☐
IF WELL DRILLED WAS
FLOWING WELL INSERT
F IN BOX 68 68OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.)

W Q

70 72

74 75 76

TELESCOPE
CASINGLOG
INDICATOR

OTHER DATA

C3

1 2

PUMPING TEST

HOURS PUMPED (nearest hour) 3
8 9PUMPING RATE (gal. per min. 6
to nearest gal.) 11 15METHOD USED TO
MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 45
17 20WHEN PUMPING 20
22 25

TYPE OF PUMP USED (for test)

A air ☐ P piston ☐ T turbine
27 27 27
C centrifugal ☐ R rotary ☐ O other (describe below)
27 27 27
J jet ☐ S submersible ☒ S
27 27

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES ☐ NO ☒IF DRILLER INSTALLS PUMP, THIS SECTION
MUST BE COMPLETED FOR ALL WELLS
EXCEPT HOME USE
TYPE OF PUMP INSTALLED
PLACE (A,C,J,P,R,S,T,O)
IN BOX - SEE ABOVE: ☐ 29CAPACITY:
GALLONS PER MINUTE
(to nearest gallon) ☐ 31 ☐ 35PUMP HORSE POWER ☐ 37 ☐ 41PUMP COLUMN LENGTH
(nearest ft.) ☐ 43 ☐ 47CASING HEIGHT (circle appropriate box
and enter casing height)+ above } LAND SURFACE
- below } ☐ 1 (nearest foot)
49 50 51

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS
BUILDING, SEPTIC TANKS, AND/OR
LANDMARKS AND INDICATE NOT LESS
THAN TWO DISTANCES
(MEASUREMENTS TO WELL)

600' X well
1200'

Subsidence Forecast

W. 1/2 Sec. 20

V. 1/2 Sec. 20

CIRCLE APPROPRIATE LETTER
A A WELL WAS ABANDONED AND SEALED
WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION
WELLI HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN
ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"
AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE
ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRE-
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF
MY KNOWLEDGE.DRILLERS IDENT. NO. 453DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

Frank Nelson

SITE SUPERVISOR (sign. of driller or journeyman
responsible for sitework if different from permittee)

COUNTY