

12/4/96
ASAP
12/5/96
Any AM 4:11 1:00

04-352793

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 52397

A 46836

DISTRICT _____

DATE 11/13/96

DATE SYSTEM APPROVED 12-5-96

INSPECTOR DJS

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

INDEXED

Sam Lyons IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 10688 Scaggsville Road, Laurel, Maryland 210723 PHONE 725 - 3392

SUBDIVISION Hipsley LOT 3 ROAD 1890 Woodbine Road

PROPERTY OWNER Vincent R. Ippolito

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the left lot corner at the end of the flagstem, ^{place} the distribution box 115' down the left (487.83') lot line and 135' off the same lot line.

NOTES - Run trenches along contour in both directions. No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/MR

PLANS APPROVED BY Donna K. Soe DATE 6/1/94

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.

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(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

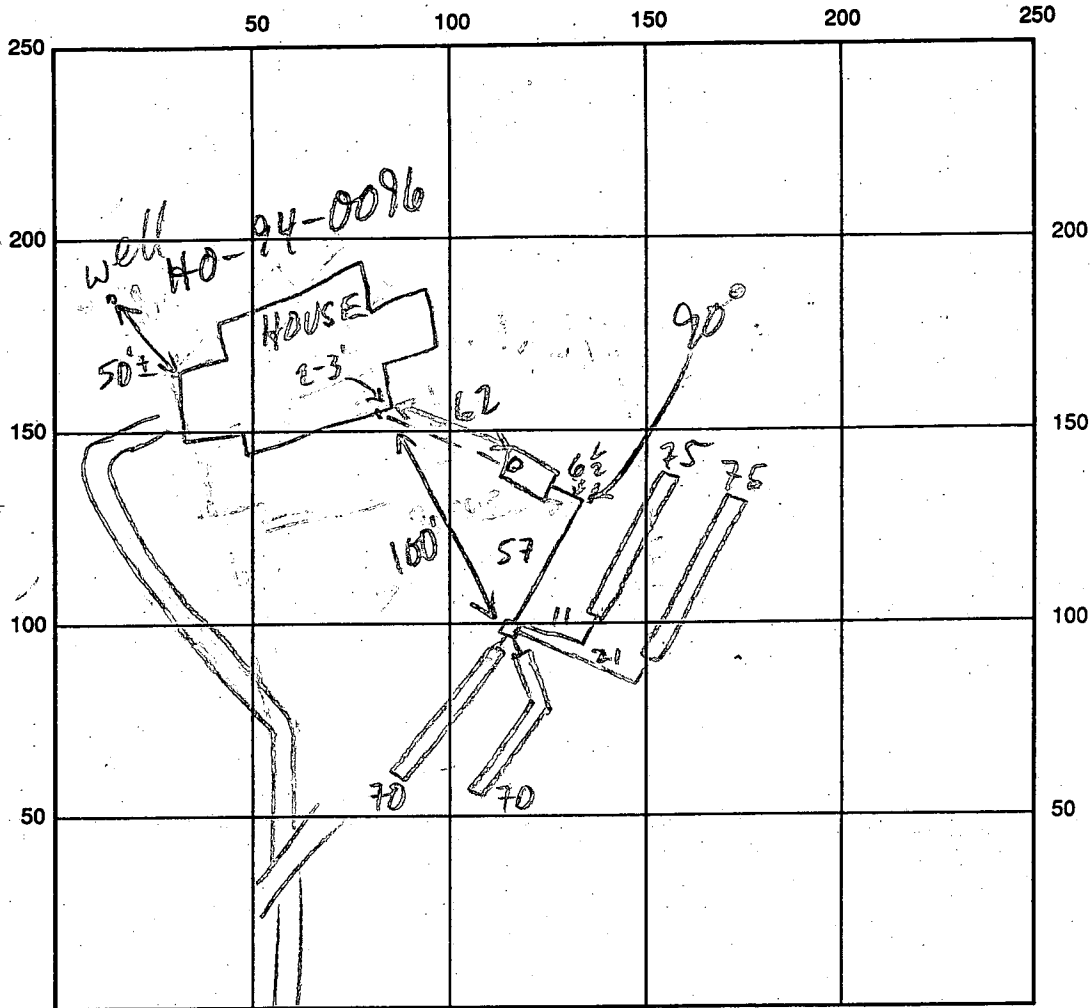
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

BLDG. PERMIT SIGNED AND RETURNED 11/14/97
Serial # B00 103001
Cost Under 1-500 proposed tank

A
416836



RT. 94

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL - OK CLEANOUTS OK ON ST.

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 6-6 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 175 @ 75 @ 70 @ 70 → 280 FT.

NUMBER OF TRENCHES 4 ONE-SIDEWALL/BOTTOM AREA 840 SQ. FT.

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

ABSORBENT AREA 840 SQ. FT.

REMARKS: 12/4/96 HOUSE CONN NOT BY SEPTIC INSTALLER - FLOW TEST NEEDED; 90° BEND TO BE REPLACED W/ 2 45° BENDS; OK TO STONE ALL TRENCHES, CONTINUE MR
12/5/96 FINAL INSP - OK TO COVER ON WORK. FLOW TEST TO BE PERFORMED. 90° bend replaced. DKS

DATE SYSTEM APPROVED 12/5/96

INSPECTOR DAVID J. SOR

APPLICATION

PERCOLATION TESTING

A 46834

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT Fourth

DATE ~~2-4-92~~ 2/25/91

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 Vincent T. Appolito
~~Daisy Belle Goad~~ ~~Mary Jane Eidenger~~ ~~Ethel Mae Eckels (Rhen)~~
ADDRESS 107 W. Church Street 1898 Rt. 94 RD 2 Box 359
Mt. Airy Md. 21771 Woodbine, Md. 21797 New Freedom, Pa. 17349
PHONE 1-301-829-0187

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Hinsley Property - ~~Mary Property~~ LOT NO. 3
1890 Woodbine Road
ROAD AND DESCRIPTION 1898 Rt. 94, Woodbine, Md. 21797 Property is located on Maryland 94, south
of Maryland Route 144 in the Fourth District of Howard County, Md.

TAX MAP 7 PARCEL # 130

SIZE OF LOT 3.8698 Acres TYPE BLDG. Single Family Dwelling - 4 BRMS
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 4-30-96
SERIAL # 64398

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. Daisy Belle Goad
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3/28 for other lots & this lot house
sits + well sits, etc.
COE

HD-216

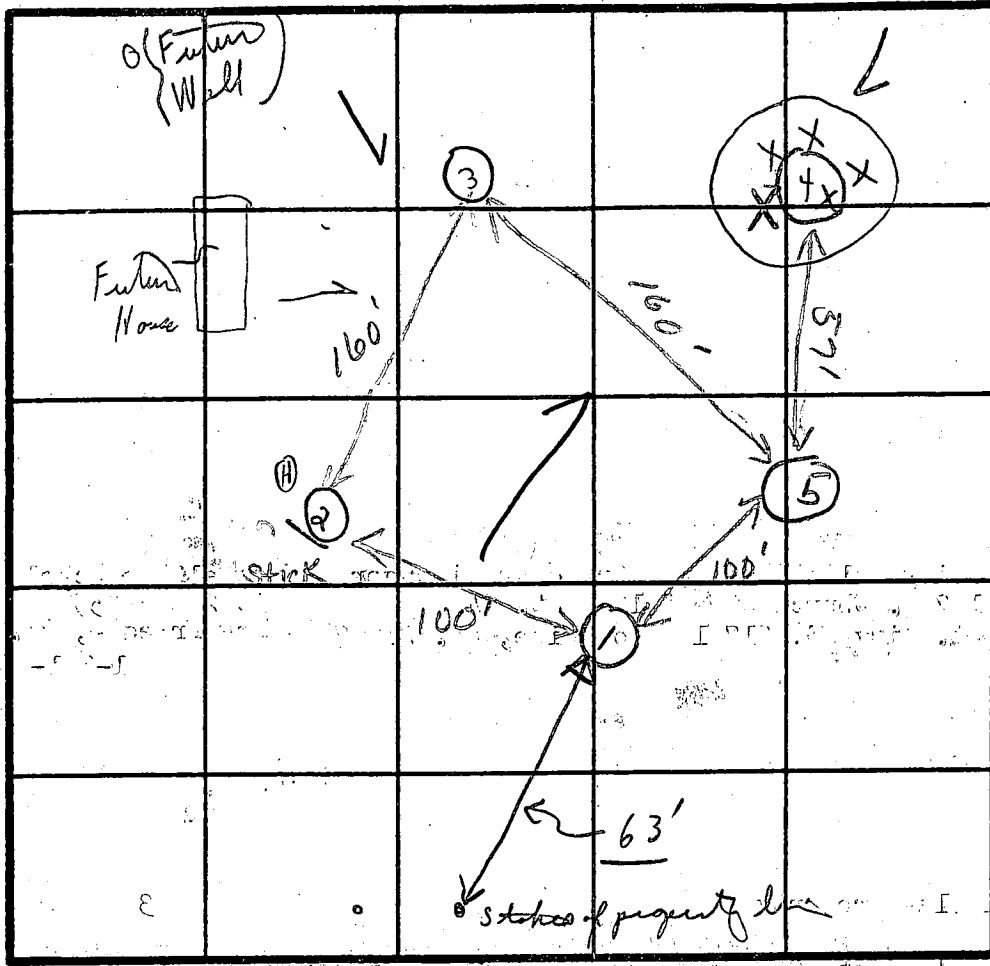
THIS IS NOT A PERMIT

A# 4683 G

Lot # 3
Hole # ①

SOIL PROFILE

0' to 4 1/2'	clay
4 1/2' to 9 1/2'	LOAM
9 1/2' to 11 1/2'	weathered shale
11' - 10"	DRY



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Baines Runway
220 yd. / BR
Shallow System
dug 4' 3' wide trenches 4 1/2' Run trenches between ① & ② No deeper than (shallow system) shale

Hole ②

0' to 4 1/2'	clay
4 1/2' to 12'	LOAM
12'	DRY

DATE	TEST NO.	DEPTH	PRE-WET		TEST - DROP		TIME
			START	STOP	START	STOP	
3/28/61	①	4 1/2'	11:08	11:12	11:12	11:17	5
		11' 10"	0' to Bottom		Clay 9 1/2' weathered shale to shale		
	②	4 1/2'	11:10	11:13	11:13	11:25	12
		12'	0' to Bottom				
	③	4 1/2'	11:24	11:30	11:30	11:38	8
		12'	0' to Bottom				
X	④	X	Water		No tests		XXX
X		X	0' to Bottom	9'	Clay water at 9'		XXX
	⑤	5'	11:20	11:28	11:28	11:43	15
		11' 8"	0' to 5' clay				

Hole ⑤

0' to 5'	clay
5' to 11' - 8"	LOAM
	DRY

REMARKS

TYPE OF SOIL

TESTED BY

C.B.D. & D.B./ I.C.B.D.

ALSO PRESENT

Mr. H. J. ... + helper

C1 **5181** SEQUENCE NO. (DENV. USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER **A46836**

ST/CO USE ONLY
 DATE Received
053194

DATE WELL COMPLETED
072094

Depth of Well
215
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
10-94-0076

OWNER **Grand Daisy** last name **Florence Rd** first name TOWN **Lisbon**
 SUBDIVISION **Horsley Ponds** SECTION LOT **3**

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	
DIRT	0'	3'	
SOAPSTONE	3'	85"	
SLATE HIT WATER AT 175' 12" GPM	85'	175'	✓
SLATE	175'	215'	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **34** NO. OF POUNDS **3196**
 GALLONS OF WATER **204**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **96** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST **CO** **PL** **OT**
 STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE
 Nominal diameter top (main) casing (nearest inch) **6**
 Total depth of main casing (nearest foot) **96**

OTHER CASING (if used)
 diameter inch depth (feet) from to

SCREEN RECORD
 screen type or open hole insert appropriate code below
ST **BR** **HO**
 STEEL BRASS OPEN HOLE
 BRONZE HOLE
 PLASTIC OTHER

C2
 DEPTH (nearest ft.)
 1 **HO** **94** **215**
 2
 3
 SLOT SIZE 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
 from to

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 WELL

I 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 PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. **095**
Aust. Perwa

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
Aust. Perwa

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

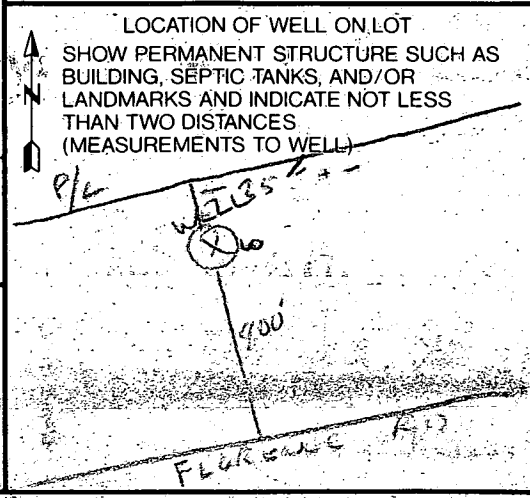
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) W.Q.
 70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **7.5**
 METHOD USED TO MEASURE PUMPING RATE **BUCKET**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **24**
 WHEN PUMPING **89**
 TYPE OF PUMP USED (for test)
A air **P** piston **T** turbine
C centrifugal **R** rotary **O** other (describe below)
J jet **S** submersible

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
 CAPACITY: GALLONS PER MINUTE (to nearest gallon)
 PUMP HORSE POWER
 PUMP COLUMN LENGTH (nearest ft.)
 CASING HEIGHT (circle appropriate box and enter casing height)
 (+) above } LAND SURFACE
 (-) below } **2** (nearest foot)



12/10/96
Anytime

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement
Receipt # _____ Date 11-14-96
Name of Installer L & F. Co. Samuel Lyons Telephone 301-725-3392
License Number U-5014
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber
Name of Property Owner Vincent R. Appolito Telephone 410-465-0086
Subdivision Hipples Lot # 3 Well Tag # 180-94-0096
Site Address 1890 Woodbine Rd. - Woodbine, Md.

Pump
1. Type
a. Deep well jet
b. Shallow well jet _____
c. Submersible _____
2. Make Myers
3. Model # _____
4. Capacity 5 gal per min GPM
5. Pump exceeds well capacity Yes No _____
6. If Yes, is low pressure cutoff switch installed? Yes No _____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards Other rope

Motor
1. Horsepower 220
2. RPM _____
3. Voltage _____
a. 110 _____
b. 220

Pitless Adapter
1. Make Beaulac
2. Model # 33
3. Depth 250

Tank
1. Capacity 55
2. Pressure relief valve? yes
Piping
1. Type Plastic
2. Size 1 inch
3. NSF and/or BOCA Code approved yes
4. Depth of supply line 225
Well data
1. Depth 225 ft.
2. Yield _____ GPM
3. Static water level 180 ft.
4. Will water supply be disinfected by installer? yes

12/10/96 WPI OK
MR 4 B.G. 2-PC CAP
NEEDED T/C MSG LEFT

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.
Signature of Applicant: Samuel Lyons
Date: November 14, 1996

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

WILLIAM E. BARNES
1774/61

E773900
N344100

620.15

620.15

BROWNING
4 56

APPLICATION # 46886

100 YR.
FLOOR

Proposed well
Proposed well
LOT 3
3.3699 AC.
168574.9 SF.

625

615.50

EL. 619.8
EL. 619.18
EL. 615.96
EL. 615.6
170°
156°
171°
114°
125°
105°
393.28

EL. 616.60
EL. 615.66
EL. 614.1
EL. 616.22
56°46'22"

APPLICATION # 46835
LOT 3
3.8 AC±

APPLICATION # 46837

LOT 4
3.5723 AC.
155610.1 SF.

600
APPLICATION # 46834

LOT 1
3.9 AC±
EL. 605.40

EL. 608.20
EL. 604.16
EL. 607.82
141°
125°
140°
140°
48°17'
585.20
48°17'
48°17'

Proposed well

45

7W
8W

CHARLES H. BROWNING
1774/56

WILLIAM E. BARNES
1774/61

62

2

N 29° 06' 30" E

620.15

746.84'

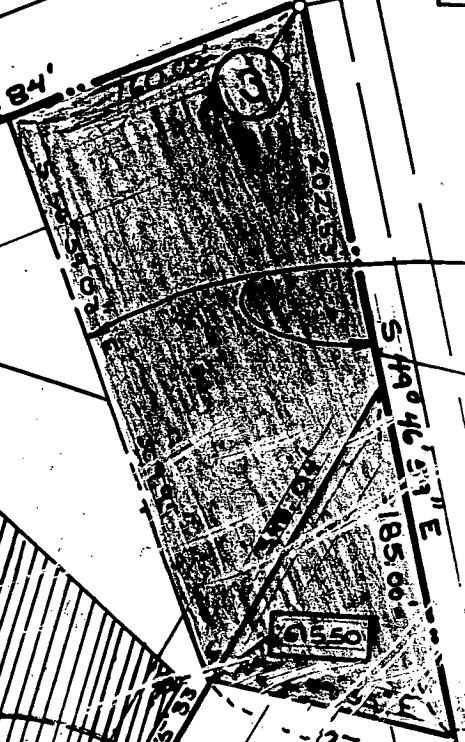
606.41'

Lot 3
3.8699 Ac. ±
168574.9 S.F.

139.43'

60' B.R.L.

60' Bldg. Restriction Line
617.75



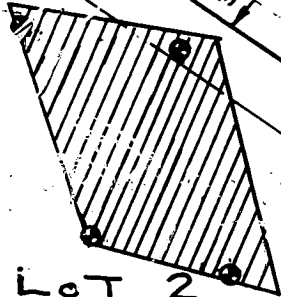
N 85° 46' 11" E

Lot 2
3.8091 Ac. ±
165925.1 S.F.

FINAL
F-91-143
SIGNED
7/16/91

D MULLINIX
1034/451

EA
7φ
Ac
2φ
Ac
φ



30' B.R.L.

B.R.L.

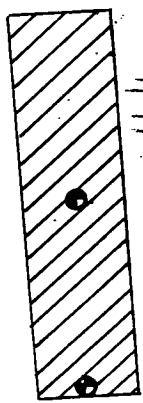
Lot 4
3.5723 Ac. ±
155610.1 S.F.

30' B.R.L.

N 32° 37' 25" E

60' Bldg. Restriction Line

Lot 1
3.8512 Ac. ±
167759.7 S.F.



30' Bldg. Restriction Line
413.94'

30' Bldg. Restriction Line

549° 46' 57" E
549° 46' 57" E
549° 46' 57" E
488.17'

50' Use in Common Driveway
120'

5

