

9/25/86
2-2000
AMM

9-25-86
approved
S. Abel

PERMIT

P 37670
A 36854

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
X992Y2330
461-9933

ELLICOTT CITY
DISTRICT 3rd
DATE 9/17/86

INDEXED

Lendrim Contracting, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 14010 Forsythe Road, Sykesville, MD 21784 PHONE 442-2416

SUBDIVISION Homewood Estates ROAD 11201 McGee Way LOT 1

PROPERTY OWNER William Harrison

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 225 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 5 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 190 feet from the front (316.81') lot line and 235 feet from the right (220') lot line as seen when facing the lot from Road. Run trenches on contour toward the front right corner and back left corner of lot.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

(S)

PLANS APPROVED BY S. Abel DATE 4/23/86

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

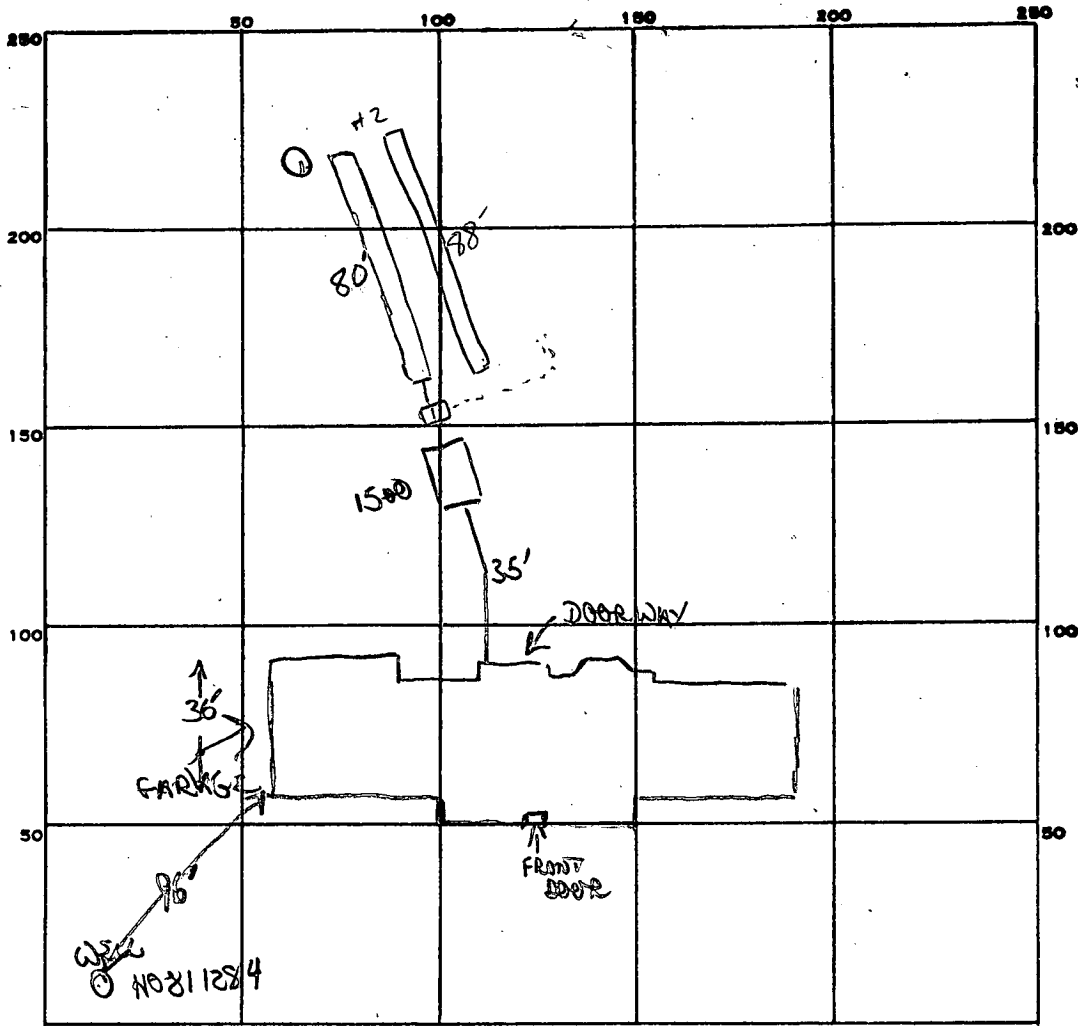
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 36854



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

McKEE CT

225
3
C78
4/16/85
192
704
672

108
61
169
223
3
675
244
431
61
4
244
109
4 431

PERMIT CARD

SEPTIC TANK, LEVEL 1500 gal CLEANOUTS

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT. INLET 5

GRAVEL DEPTH 4 FT IN. TOTAL LENGTH 88 FT. TOTAL 169

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 676

SEE PAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 676 SQ. FT.

REMARKS 9/19/86 OK to add stone to trench #1 & start trenches 2 & 3. Septic tank 3-3 1/2' below surface. Will grade down to allow regular cp.

DATE SYSTEM APPROVED 9/25/86 INSPECTOR S. Abel

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
 Bureau of Environmental Health
 3525-H Ellicott Mills Drive
 Court House Square
 Ellicott City, Md. 21043
 461-9933

New Installation
 Replacement

Receipt # 37311
 Date 2/2/86

Name of Installer R.A. WOOD PLUMBING SERVICES

Telephone 391-4823

License number 7040
 Certified Well Pump Installer

Well Driller Registered Plumber

Name of Property Owner WN HARRISON

Telephone 465-4144

Subdivision POINT OF HOMEWOOD Lot # 1 Well tag # - - -

Site Address 11201 MCGEE WAY
ELLCOTT CITY MD 21043

Pump

- Type
 - Deep well jet
 - Shallow well jet
 - Submersible
- Make GOULD
- Model # 57E0412
- Capacity 7.5 GPM
- Pump exceeds well capacity Yes No
- If Yes, is low pressure cutoff switch installed? Yes No
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other

Motor

- Horsepower 1/2
- RPM 1750
- Voltage
 - 110
 - 220

Pitless Adapter

- Make ALL PRESS
- Model # PRESSURE TYPE
- Depth 4'

Tank

- Capacity 40 Gall
- Pressure relief valve? 25

Piping

- Type POLYBUTYLENE
- Size 1" IPS
- NSF and/or BOCA Code approved YES
- Depth of supply line 195

Well data

- Depth 20 ft.
- Yield 8 GPM
- Static water level ft.
- Will water supply be disinfected by installer? YES

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: Roy A Wood

Date: 4-2-86

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

C1 00823

SEQUENCE NO. (OEP USE ONLY)

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

A35190

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

DATE RECEIVED

8 13

DATE WELL COMPLETED

03 26 86

Depth of Well

205 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

HO-81-1284

OWNER GOODIER BUILDERS INC. STREET OR RFD HOMEWOOD RD TOWN ELICOTT CITY SUBDIVISION HOMEWOOD SECTION LOT 1

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows: SAND (0-72), GRAY GRANITE (72-205)

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N)

TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 21 NO. OF POUNDS 1994

CASING RECORD casing types insert appropriate code below (ST, CO, PL, OT)

MAIN CASING TYPE (ST) Nominal diameter (6) Total depth (78)

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

SCREEN RECORD screen type or open hole insert appropriate code below (ST, BR, HO, PL, OT)

DEPTH (nearest ft.) 205

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO. 238 DRILLERS SIGNATURE (Must match signature on application)

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.) WQ (OTHER DATA)

PUMPING TEST HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 8 METHOD USED TO MEASURE PUMPING RATE bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 3.2 WHEN PUMPING 139

TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

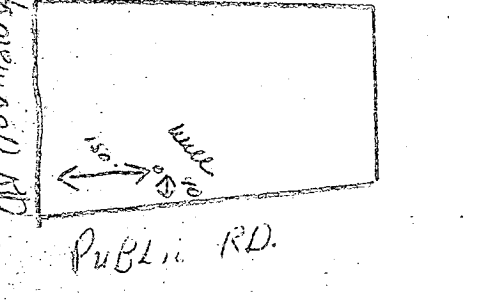
PUMP INSTALLED DRILLER WILL INSTALL PUMP YES (NO)

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) LAND SURFACE (nearest foot)

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)



7/31/86

WPI lines & pitless installed $4\frac{1}{2}$ ' below
grade - OK to cover JS

B 1 3950 SEQUENCE NO. (OEP USE ONLY) (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

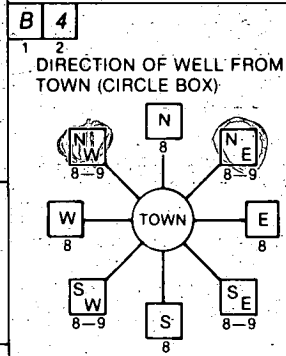
STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

OEP PERMIT NUMBER HC-81-1284 fill in this form completely

Date Received 3/24/86 9:30 OWNER INFORMATION: GOODIER BUILDERS L.M. 233 DEEP DALE DRIVE HARMONIVM MD 21093

B 3 LOCATION OF WELL: HOWARD COUNTY, HOMewood SUBDIVISION, SECTION 44, LOT 1, ELLPSTT CITY, 10 MILES FROM TOWN

DRILLER INFORMATION: Joseph L. Wayne, 238 License No. 80, Ueck Drilling, 5512 Ridge Rd. Mt. Airy Md. 21771, 12/26/85



B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) NEAR WHAT ROAD Home Wood Road ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 150 FT

B 2 WELL INFORMATION: APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL: HOWARD COUNTY, A-35190, OEP SIGNATURE B. Nilon, DATE ISSUED 07/07/86, NORTH GRID 511000, EAST GRID 082700

USE FOR WATER (CIRCLE APPROPRIATE BOX): HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY), FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION), INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT), PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL), TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

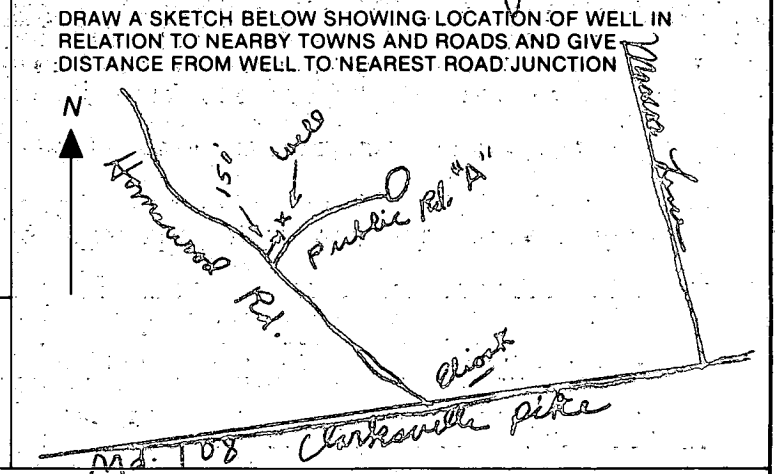
APPROXIMATE DEPTH OF WELL 240 FEET

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER: 1. WELL, 2. 7.8' casing, 2' above gr., 50' + open, 2' - bag cement. WRITE THE BOX NUMBER FROM THE MAP HERE: E 9297, N 5181

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one): BORED (or Augered), JETTED, Jetted & DRIVEN, AIR-ROTARY, AIR-PERCussion, ROTARY (Hydraulic Rotary), 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, THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY, THIS WELL WILL DEEPEM AN EXISTING WELL. PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY): APPROX. PERMIT NUMBER GAP FORCE 80 WRITE INITIALS IN BOX PERMIT No. HC-81-1284

SPECIAL CONDITIONS

APPLICATION

36854
~~35790~~

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A _____
P _____

Permit
5/16/85
9:30 AM

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____

DATE 3-18-85

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 RC. Goodier Wm. Harrison
ADDRESS 233 DEEP DALE DR. TIMONIUM MD 21093 PHONE 252-6141

PROPERTY LOCATION:
SUBDIVISION Homewood LOT NO. #1 (also #1)
ROAD AND DESCRIPTION off Homewood Rd. NEAR Rt. 108 (shown on plat)
11201 Mc Bee Way
SIZE OF LOT 3 ACRE TYPE BLDG. Sing. FAM. 3 to 5 bed.
(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.

Robert Goodier
(SIGNATURE OF APPLICANT)

APPROVED BY Sidney Abel FOR deep Trenches DATE 2-7-86

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

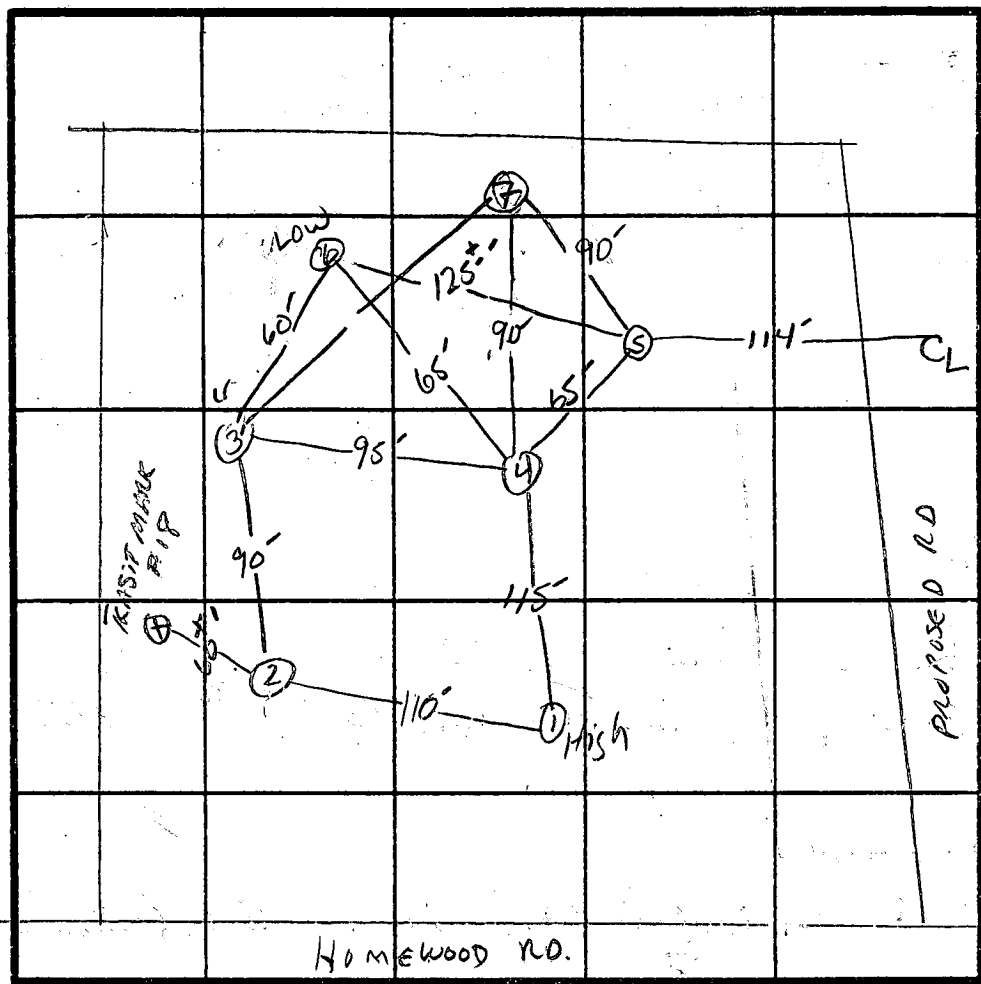
REASONS FOR REJECTION OR HOLDING: 4-17-85 PERC. SATISFACTORY, HOLD FOR certified Subdivision
PLAT WITH HOLE LOCATION HOUSE AND WELL SITE. SAME B.P. # 69904

EDG. PERMIT SIGNED
AND RETURNED 5-15-86

THIS IS NOT A PERMIT

⑤
① ②
SOIL PROFILE

0
6" A1-3
RED BROWN
CLAY LOAM
10-20%
SAPROLITE
4.5'
BROWN
SAND LOAM
WITH
WHITE
SILTY
SAND MIX
30-40%
FINE
SAPROLITE
7'



⑥
A1-3
YELLOW-ORANGE
SILTY CLAY
LOAM LOOS
FRAGMENTIS
YELLOW BR
SANDY CLAY
LOAM LOOS
FRAGMENTIS
7'
BROWN SAND
LOAM LOOS
FRAGMENTIS
12.5'

X 18 MIN
INLET \$

③
A1-3
BROWN CLAY
LOAM 10%
SAPROLITE
4'
BROWN
WHITE
SILTY
SANDS LOAM
20-30%
SAPROLITE
12'

④
A1-3
BROWN
SILTY CLAY
LOAM 10%
SAPROLITE
3'
BROWN
SILTY SAND
LOAM
20-30%
SAPROLITE
9'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

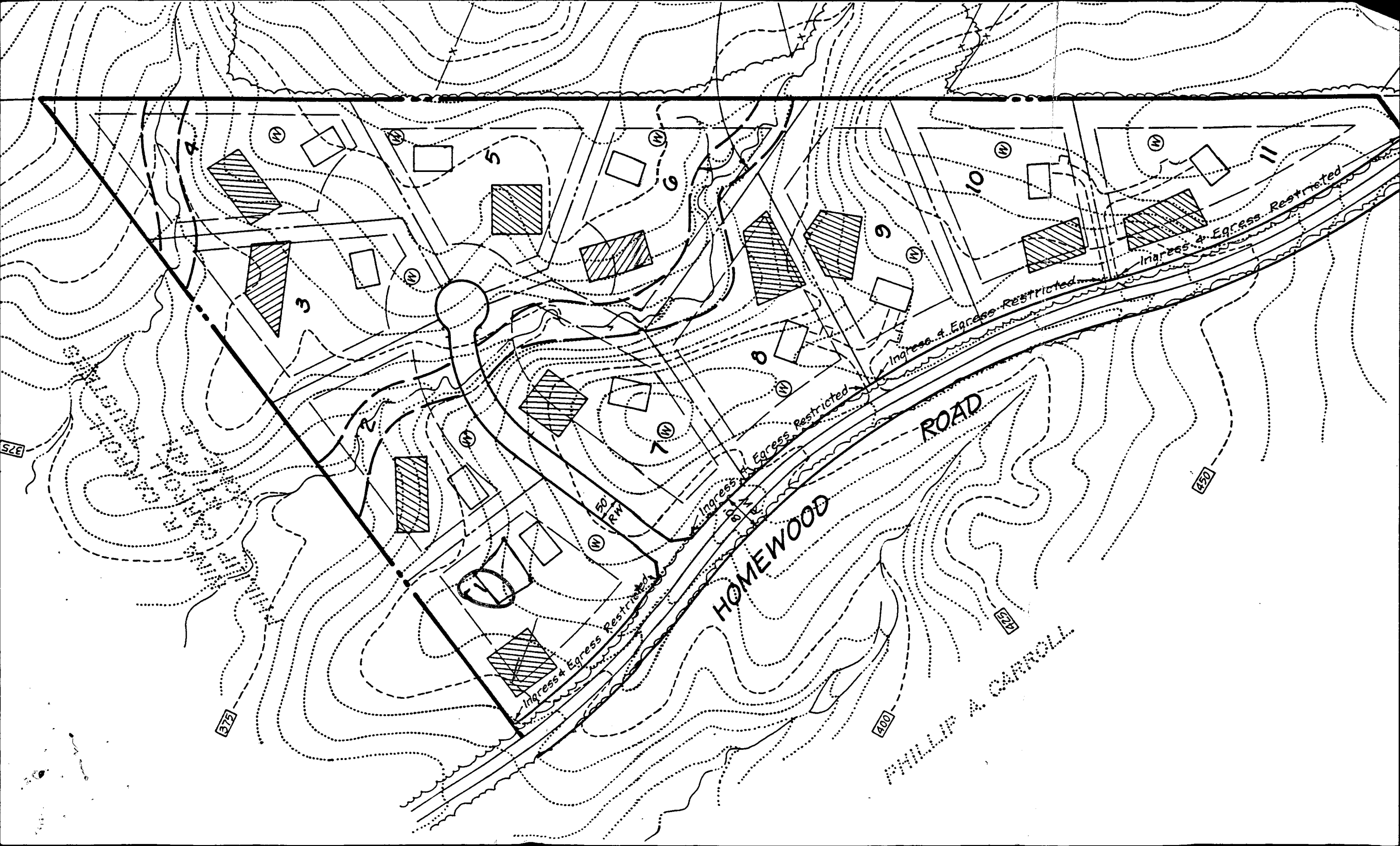
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/17	1 S	4.5'	11:12	11:27	11:27	11:55	28 min
	1 V	SHALLOW PIT - UNIFORM SOIL STRUCTURE BELOW 4.5'					
	2 S	4.5'	11:15	11:31	11:31	11:59	28 min
	2 V	SHALLOW PIT - UNIFORM SOIL STRUCTURE BELOW 4.5'					
4/18	✓ 3 S	4.5'	11:21	11:32	11:32	11:51	19 min
	✓ 3 V	12' UNIFORM SOIL STRUCTURE BELOW 4'					
	✓ 4 S	3'	11:27	11:36	11:36	11:53	17 min
	✓ 4 V	9' SHALLOW TEST PIT UNIFORM SOIL STRUCTURE BELOW 3'					
4/18	✓ 5 S	5'	10:26	10:40	10:40	11:01	21 min
	✓ 5 V	13' UNIFORM SOIL STRUCTURE BELOW 4.5'					
	6 S	5.5'	10:56	11:25	NO MOVEMENT		
	✓ 7 S	12.5'	11:33	11:46	11:46	12:14	28 min
		6'					
		12'					

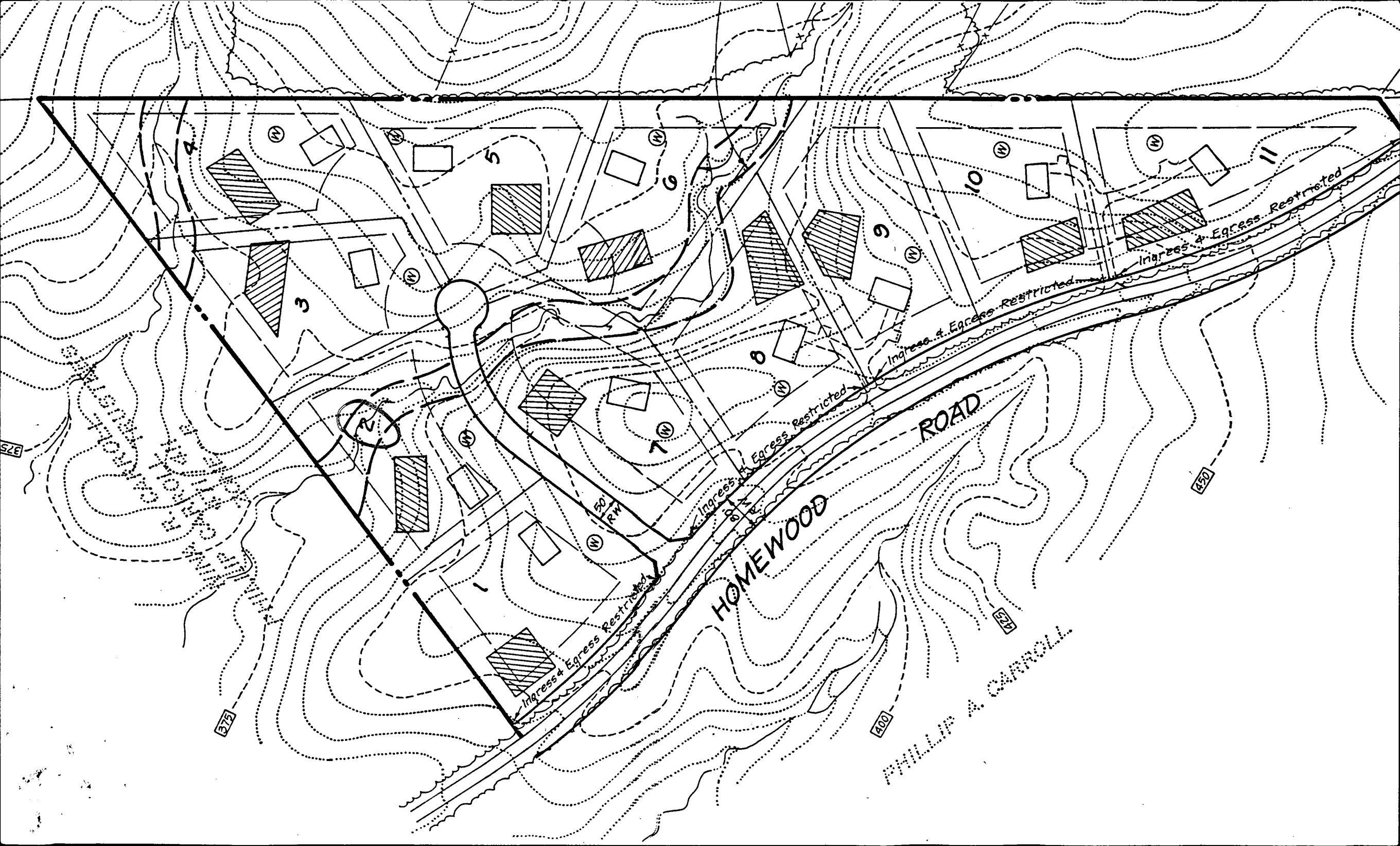
up mean
40 18 MIN
11/7/86
22 SP/BR

REMARKS: WELL LOCATED DIFFERENT FROM PLAT.

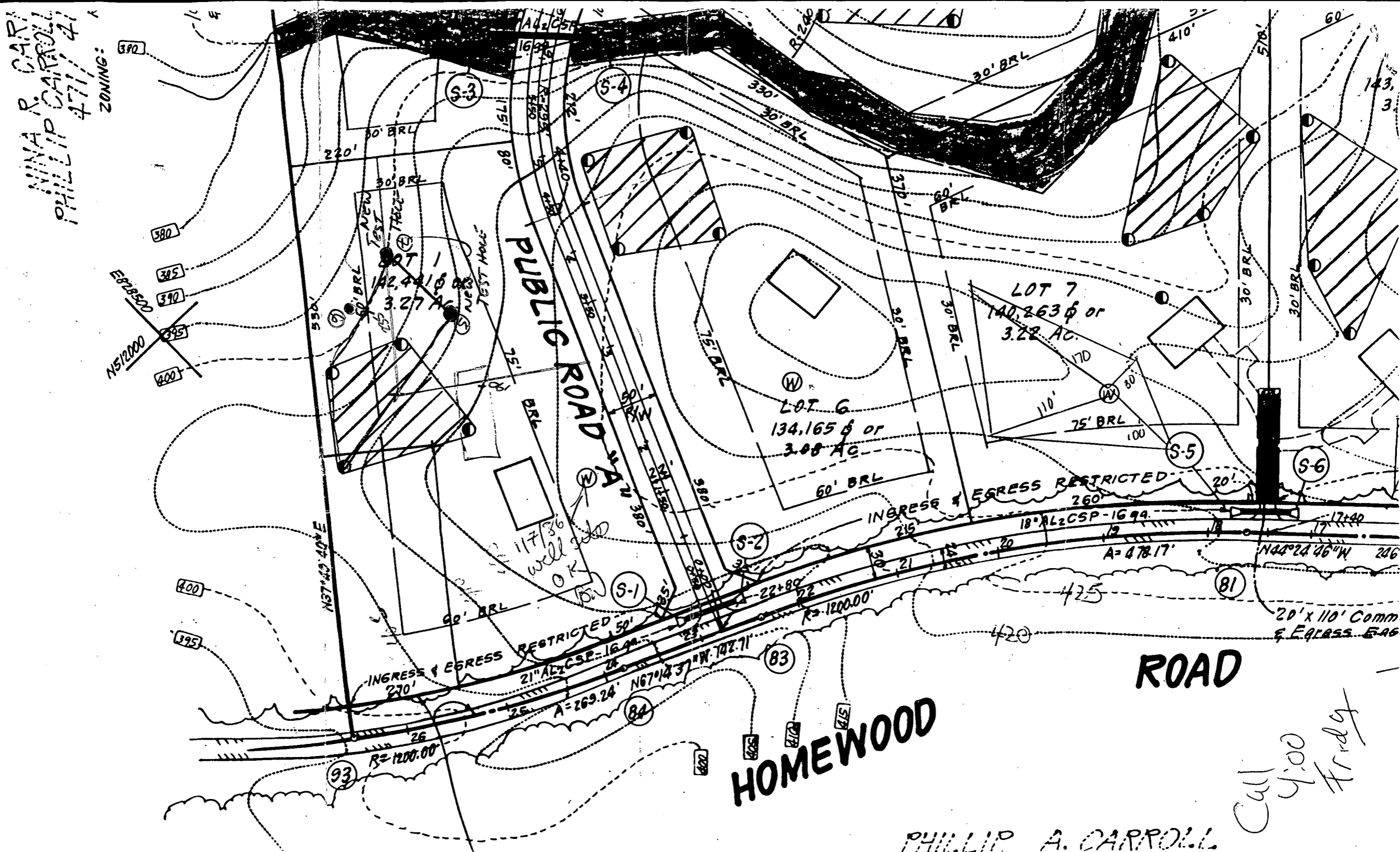
TYPE OF SOIL _____

TESTED BY SAME ALSO PRESENT PLAT LENDRUM





MINA R. CARP
PHILLIP CARROLL
4711 41
ZONING: R-2200



PUBLIC ROAD
N 380' W

HOMWOOD ROAD

LOT 6
134,165 sq ft or
3.08 AC

LOT 7
140,263 sq ft or
3.22 AC

ROAD

PHILLIP A. CARROLL

Call 4:00
Friday

390
385
390
395
400
NS12000
E82850

400
395

93

S-3

S-4

S-2

S-1

S-5

S-6

81

83

84

26

26

75

220'

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

270'

21" ALZ CSP - 1699'

A = 269.24'

R = 1200.00'

26

26

270'

21" ALZ CSP - 1699'

A = 269.24'

R = 1200.00'

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270'

21" ALZ CSP - 1699'

A = 269.24'

R = 1200.00'

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270'

21" ALZ CSP - 1699'

A = 269.24'

R = 1200.00'

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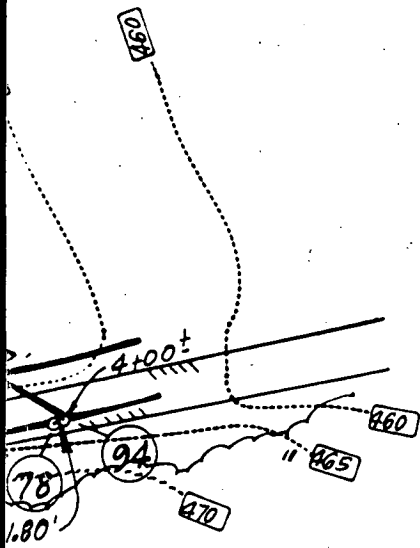
Howard County

Sid Abel 461-9933

Craig Williams

Pat Lindram

442-2416



Lot 1

Reference : S85-31 & VP 85-126 F-86-54



CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS

11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED WHT
DRAWN VLB KIW
CHECKED WHT
DATE 5-29-85

PRELIMINARY PLAN
LOTS 1 THRU 10
TAX MAP # 29, PARCEL # 91
HOMWOOD
3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR: R.C. GOODIER BUILDERS, INC. (OWNER)
233 Deep Dale Drive
Timonium, Maryland 21093.

SCALE 1"=100'
DRAWING 10F1
JOB NO. 85-027
FILE NO. 85-027-P

