

LAYOUT 10/01/02 11am INSP 4 _____
INSP 2 10/02/02 2pm INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 9/27/2002

APPROVAL DATE: 10/2/02

**PERMIT
INDEXED**

P 517938

A 50857-T

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 580 Obrecht Road, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: High Forest Estates LOT NUMBER: 50

ADDRESS: 15130 Sapling Ridge Drive PROPERTY OWNER: Big Branch Overlook, LLC

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED ☒

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 280 HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 2.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box 150' from the well and 80' from the right lot line. Run (4) trenches on contour to the right side of the lot.
NOTES:	

PLANS APPROVED: MER DK 9/19/02 (50) DATE: 7/22/02

NOTES: PERMIT VOID AFTER 2 YEARS

CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

WATERTIGHT SEPTIC TANKS REQUIRED

ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED

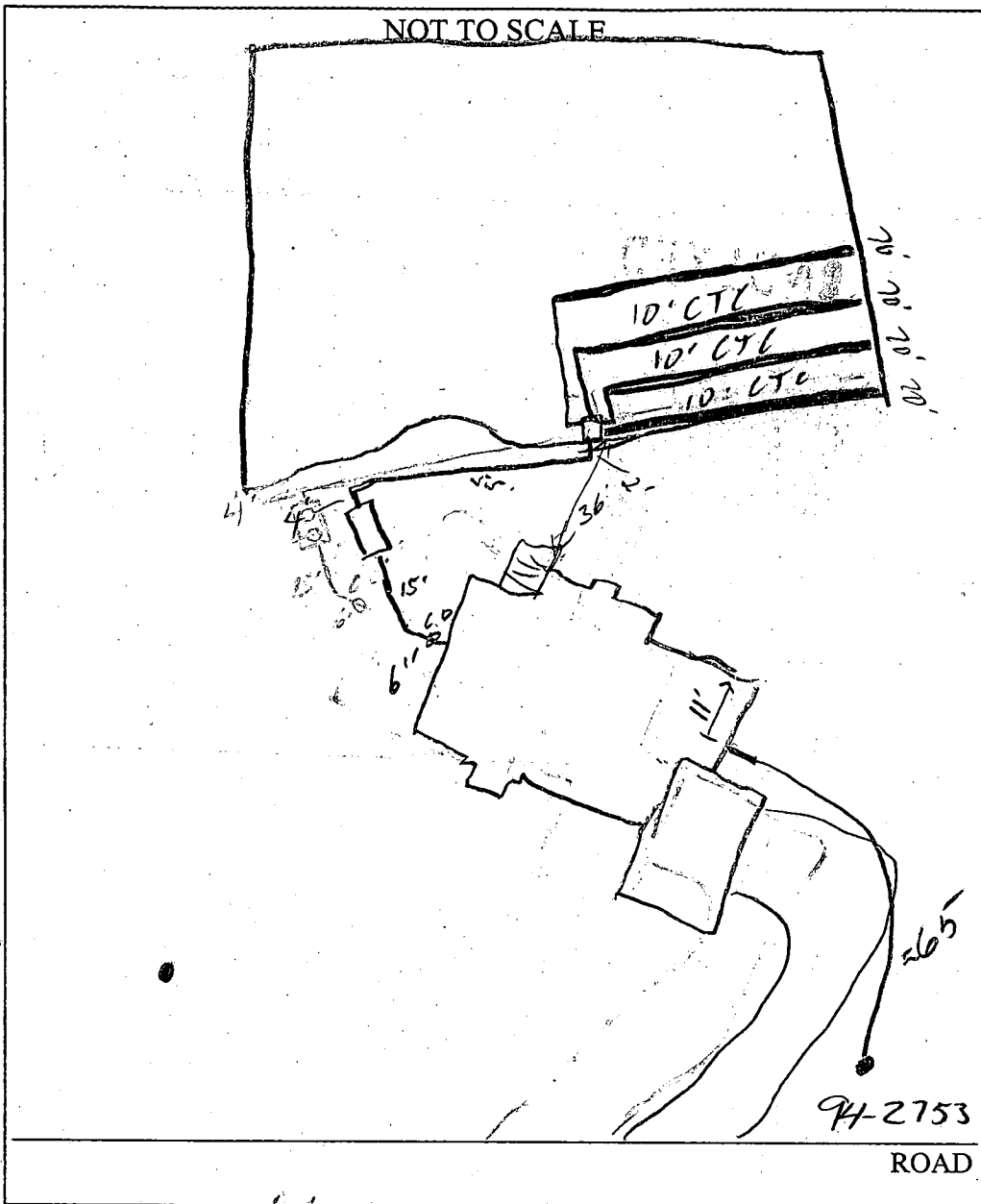
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
BUILDING PERMIT SIGNEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
AND RETURNED** ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

12/31/03 806145623-14x24 DECK+GAZEBO

A50857-T



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	2'	4'
NUMBER OF TRENCHES		
4		
TOTAL LENGTH		
280'		
ABSORPTION AREA		
8404		
DISTRIBUTION BOX LEVEL		
✓		
DISTRIBUTION BOX BAFFLE		
✓		
DISTRIBUTION BOX PORT		
—		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	
✓	
CAPACITY	1500 GAL
SEAM LOC	TOP
TANK LID DEPTH	1'
BAFFLES	✓
BAFFLE FILTER	✓
MANHOLE LOC	F&B
6" PORT LOC	—
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL	
CAPACITY	
GAL	
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	

PRE-CONSTRUCTION 10/1/02 Lot staked, contour correct Layout per BP. (SO)

INSTALLATION 10/2/02 OK to cover all work. House conn. needed (SO)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 10/2/02

BUILDING PERMIT SIGNED AND RETURNED

Total linear feet of trench required 280± feet

Width of trench(es) 3.0 feet

Depth of trench(es) 4.0 feet

Depth of stone required below distribution pipe 2.0 feet

Approved Septic System Plan
Howard County Health Department

Mark Miller
Signature
7/22/02
Date

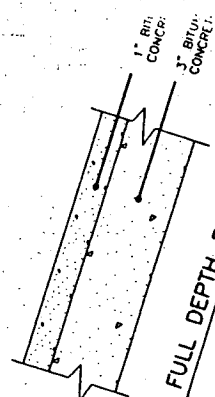
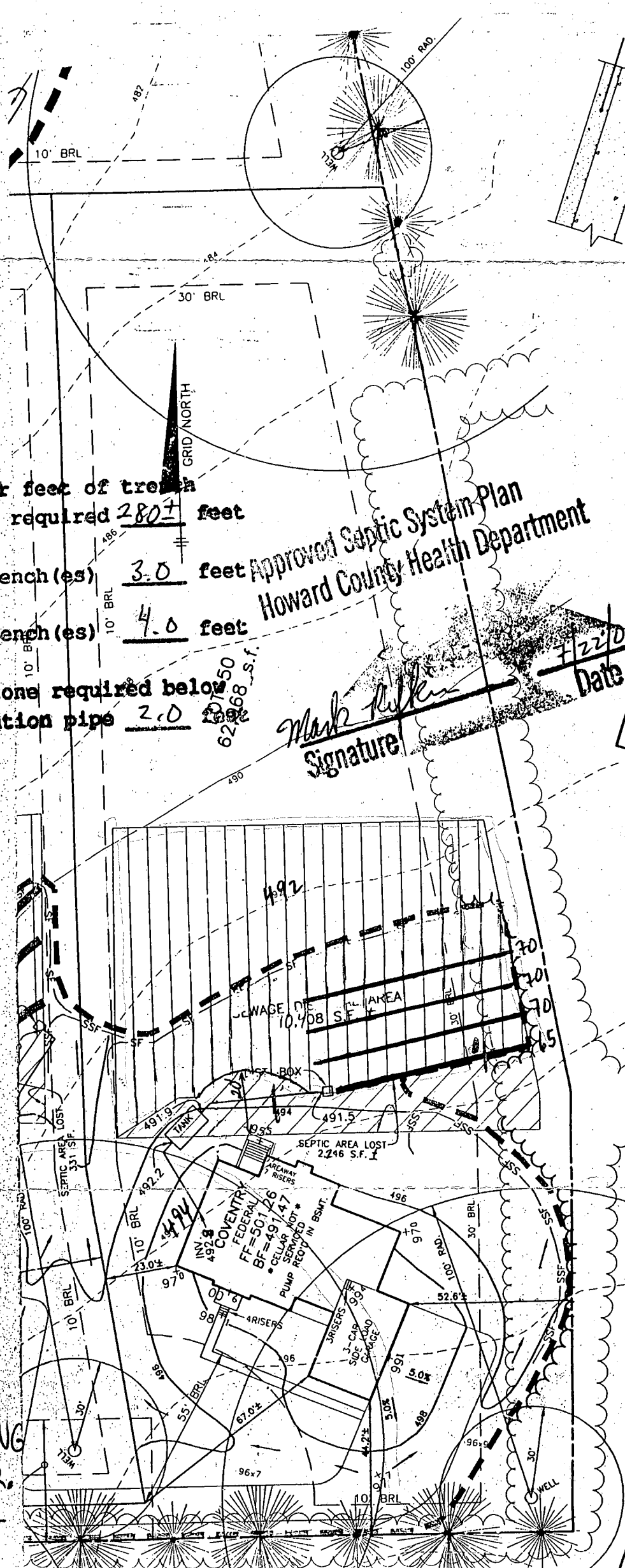
BENCHMARK
ENGINEERS & LAND SURVEYORS & PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE A-SUITE 418
ELLICOTT CITY, MARYLAND 21043
PHONE: 410-465-6105
FAX: 410-465-6644
BUILDER: TOLL BROTHERS, INC.
7164 COLUMBIA GATEWAY DRIVE
COLUMBIA, MARYLAND 21046

PLAN
SCALE: 1"=40'

PROJECT: HIGH FOREST ESTATES
LOT 50

LOCATION: 15130 SApLING RIDGE
TAX MAP 27, GRID 6 - 8
TITLE: 5th ELEVATION

TO SApLING
RIDGE DR.



Building Address15130 Sapling Ridge Dr
DARWIN MD 21036

Suite/Apt. #:SDP/WP/Petition #:

Census Tract10001SubdivisionWINDY HILLS ESTATES

SectionAreaLot50

Tax Map27Parcel110Grid6

ZoningR120Map Coordinates9015Lot size62,918

Property Owner's NameELEGANT OVERLOOK LLC

Address7164 COLUMBIA GATEWAY DR #230

CityCOLLETTICityStateMDZip Code21046

Home PhoneWork Phone4108729105

Applicant's Name & Mailing Address, (if other than stated hereon):

N/A

PhoneFax

Existing UseRETAIL

Proposed UseRESIDENTIAL HOME

Estimated Construction Cost\$200,000

Description of WorkCONVERT 4 BR, 4 1/2 BATH
2 STORY, FULL FINISHMENT, 3 CAR GARAGE

Contractor CompanyTHE BRANCH OVERLOOK LLC

Contact PersonL. L. SHARPARD

Address7164 COLUMBIA GATEWAY DR #230

CityCOLLETTICityStateMDZip Code21046

License No.663

Phone4108729105Fax4108729111

Occupant or TenantTHE BRANCH OVERLOOK LLC

Contact NameL. L. SHARPARD

Address7164 COLUMBIA GATEWAY DR #230

CityCOLLETTICityStateMDZip Code21046

Phone4108729105Fax4108729111

Engineer or Architect CompanyTHE KJ MARK

Contact PersonDAVE THOMPSON

Address8780 EALT AVAL'LE PIKE #118

CityFALLS CHURCHCityStateMDZip Code21043

Phone4108729105Fax4108729111

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

DepthWidth

1st floor: 60'4"74'8"

2nd floor: 43'63'8"

Basement: 60'8"74'8"

Finished Basement Unfinished Basement

Crawl space Slab on Grade

No. of Bedrooms4

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:

THE 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.

Applicant's Signature

Print NameL. L. SHARPARD

Date3/19/02

Permit Fee

Director of Finance of Howard County

** PLEASE WRITE NEATLY AND LEGIBLY. **

FOR OFFICE USE ONLY -

AGENCYDATESIGNATURE APPROVAL

and Development, DPZ

State Highways

Building Official

Dev. Engineering, DPZ

Health3/22/02

Fire Protection

Sediment Control approval required prior to issuance?

YES NO

CONTINGENCY CONSTRUCTION START:

ONE STOP SHOP:

DPZ SETBACK INFORMATION

Front:

Rear:

Side:

Side St.:

All minimum setbacks met?

YES NO

Is Entrance Permit required?

YES NO

Historic District?

YES NO

Lot Coverage for New Town Zone

SDP/Red-line approval date

PROPERTY ID#

Filing fee\$100

Permit fee\$

Excise tax\$

Add'l per. fee\$

TOTAL FEES\$

Sub-total paid\$

Balance due\$

Check#817445

Validation#47147

Accepted by

Distribution of Copies-

White: Building Official

Green: LDD, DPZ

Yellow: DED, DPZ

Pink: Health

Gold: SHA

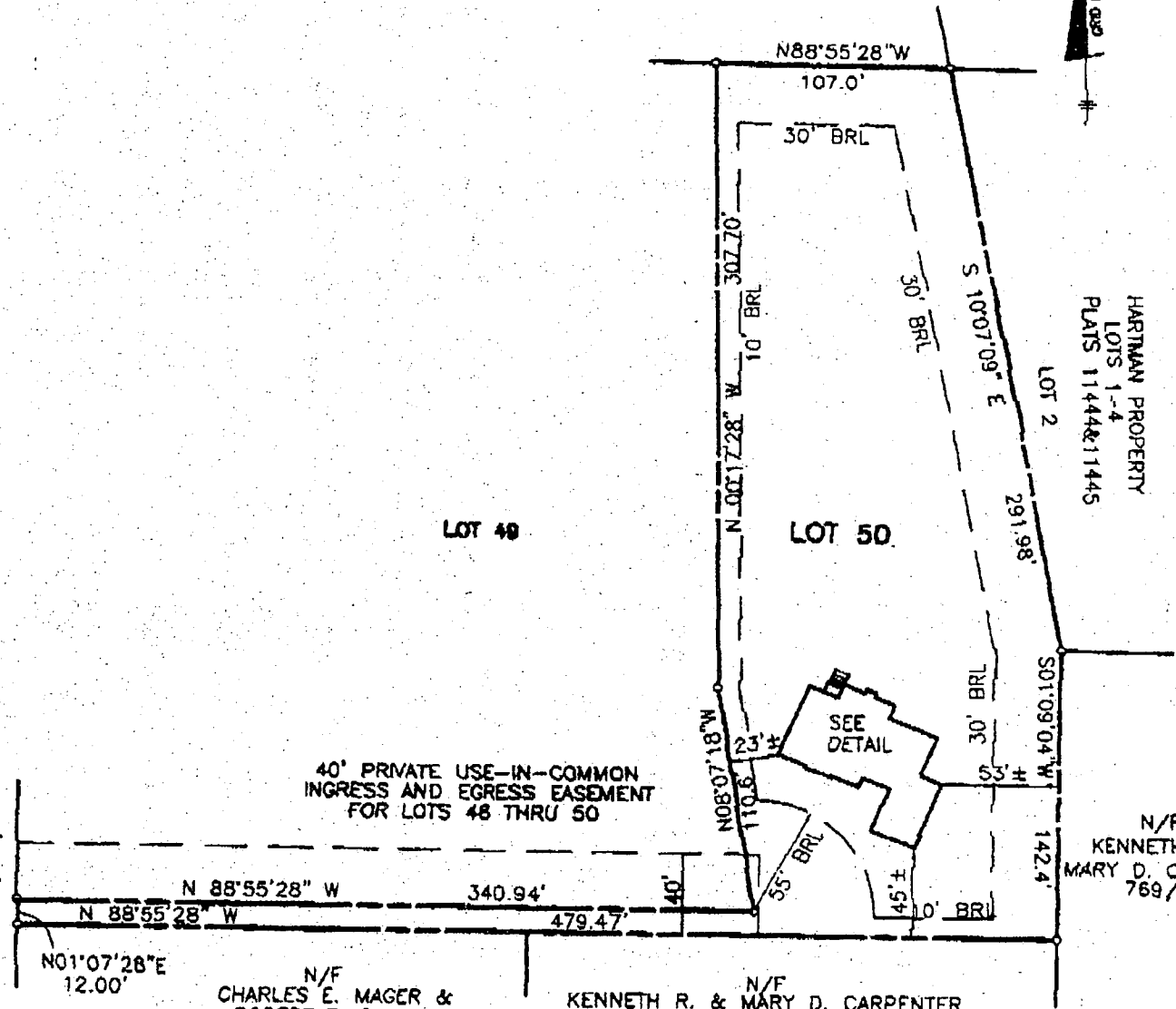
Forms PERMIT.FRM

Rev. 5/17/00

LOT 47



SAPLING RIDGE DRIVE
(50' R/W)



40' PRIVATE USE-IN-COMMON
INGRESS AND EGRESS EASEMENT
FOR LOTS 48 THRU 50

SEE
DETAIL

N/F
KENNETH R. &
MARY D. CARPENTER
769/177

N/F
CHARLES E. MAGER &
ROBERT E. SMITH
2060/301

N/F
KENNETH R. & MARY D. CARPENTER
540/013

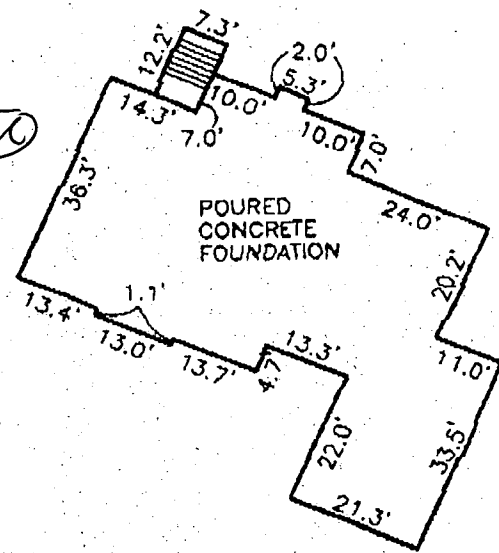
9/27/02 =
Wall Check
OK SRV

TOP OF FOUNDATION WALL ELEVATION = 499.2'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 08/15/02; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY R.M. MOCHI GROUP, INC. ENTITLED "HIGH FOREST ESTATES", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 13959

[Handwritten Signature]



POURED
CONCRETE
FOUNDATION

FOUNDATION DETAIL

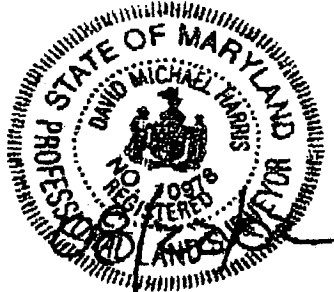
SCALE: 1" = 30'

DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MD REG. No. 10978
FOR BENCHMARK ENGINEERING, INC.
MD REG. No. 351
RECORD PLAT No. 13959
FEMA FIRM No. 240044 0025 B
ZONE: C
DATED: 12/04/86

BENCHMARK

ENGINEERING, INC.

8450 BALTIMORE NATIONAL PIKE & SUITE 418
ELICOTT CITY, MARYLAND 21043
phone: 410-460-8100 & Fax: 410-460-8844
email: Benchmark@Beda.com



WALL CHECK
HIGH FOREST ESTATES
LOTS 1 THROUGH 50
LOT No. 50

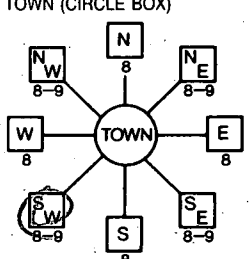
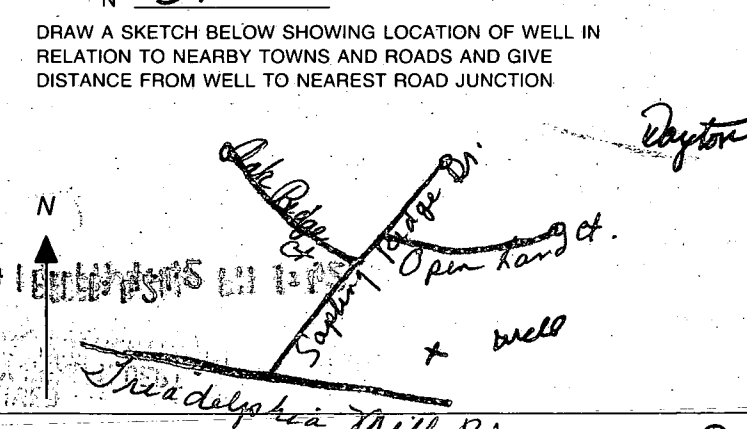
15130 SAPLING RIDGE DRIVE

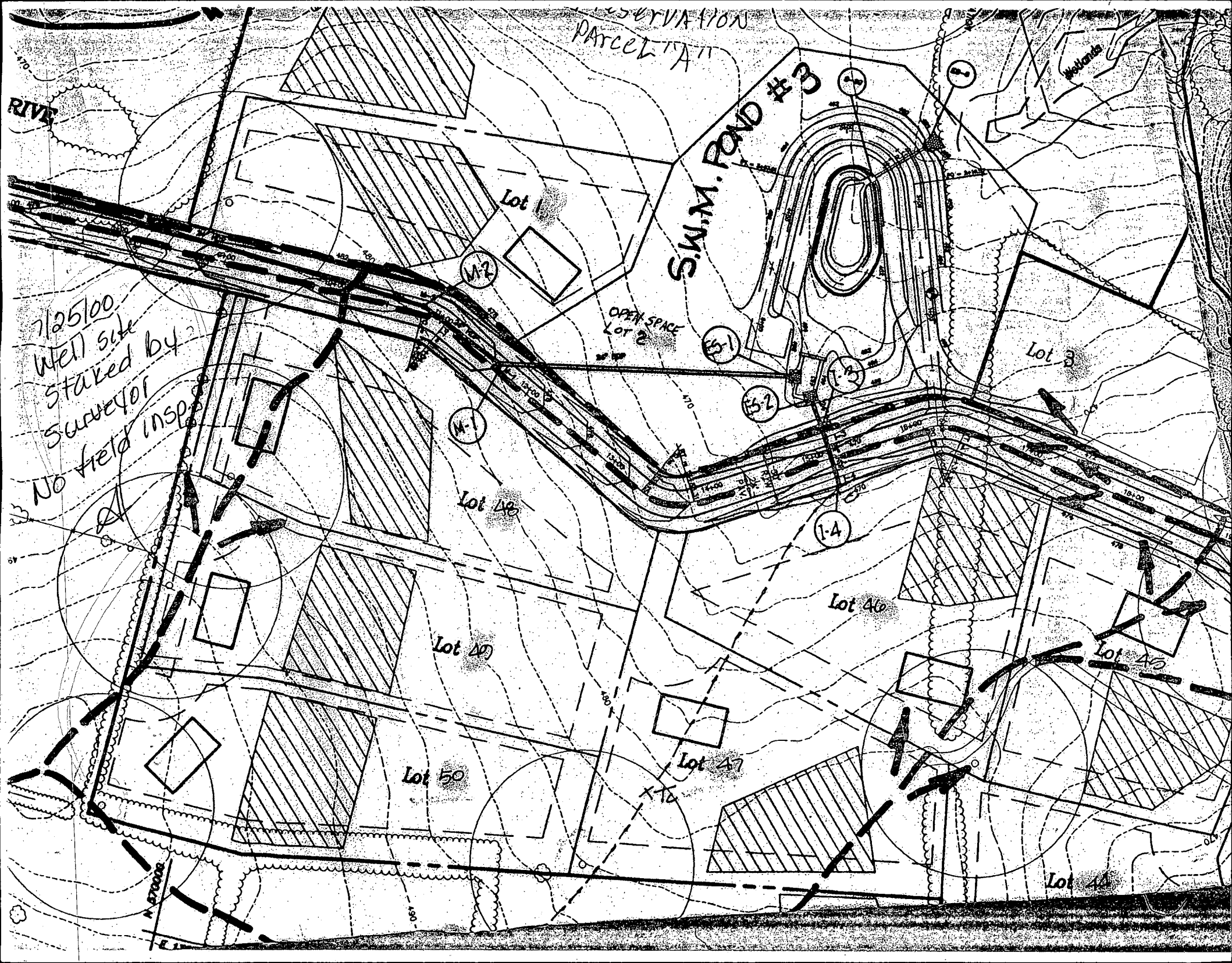
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 80' DATE: 08/15/02

\\BIVOT1\BIV1001\proj\028\152510.dwg, 15588860.dwg, WALL CHECK, 8/20/2002 10:31:51 AM, EWF, 1:1

② COUNTY

B 1 09707	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL <i>W513688</i> please print or type	STATE PERMIT NUMBER H0 - 94 - 2753 fill in this form completely
Date Received (APA) 7/14/00		B 3 LOCATION OF WELL COUNTY Howard SUBDIVISION High Forest Estates SECTION 50 LOT 50 NEAREST TOWN Dayton MILES FROM TOWN (enter 0 if in town) 4.2 M I	
OWNER INFORMATION Last Name Karlonte Owner Chuck Street or RFD. 10 Mellor Ave. Town Catonsville State Md Zip 21228		DRILLER INFORMATION Driller's Name Joseph L. Mayne License No. MSD 024 Firm Name Joseph R. Mayne Well Drilling Address 5512 Ridge Rd Mt. Airy Md 21221 Signature Joseph L Mayne Date 7/13/2000	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NEAR WHAT ROAD Sapling Ridge Dr. DISTANCE FROM ROAD 475 FT ENTER FT OR MI FT TAX MAP: _____ BLK: _____ PARCEL: _____	
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 ☐ GEO-THERMAL		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME Howard COUNTY NO. 13 STATE SIGNATURE _____ INSERT S → DATE ISSUED 7/20/00 C. W. Wilson 7/19/01 NORTH GRID 510000 EAST GRID 790000	
APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 INCH		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 790 N 510	
METHOD OF DRILLING (circle one) BORED (or Augered) ☒ JETTED ☐ Jetted & DRIVEN ☐ AIR-ROTARY ☐ AIR-PERCussion ☐ ROTARY (Hydraulic Rotary) ☐ CABLE ☐ REVERSE-ROTARY ☐ DRIVE-POINT ☐ other _____		8/17/00 - 9:30 am GROUT 8/17/00 No Insp. BB	
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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS ☐ THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER _____ GAP _____ PERMIT No. H0 - 94 - 2753			
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -			



COUNTY #

SOIL PROFILE

0' D

MIXED
BROWN
GREY
TAN
SSC

11.5 DRY

G

TOPSOIL

BLUNT ORANGE
SILTY CLAY

3

DUN
GREYISH
BROWN
SANDY
LOAM
BLACK
+ ORANGE
MOTTLES
LIGHT
ORANGE
MIXED ORANGE
PINK, GREY
BLACK
OBVIOUS
NICKEL
TIN
WATER

11

F

TOPSOIL
BROWN
CLAY
LOAM

2

PURPLE
SILVER
SANDY
LOAM
BLACK
ORANGE
BANDING
IRON
MATERIAL
POCKETS
OF ORANGE
YELLOW

12

SOIL PROFILE

0' D

40

120

N

HENDERSON

FIELD

318G

95

47

318F

54'

318L

51F

135-51G

120'

30' K

510

100-100

130

100'

51E

1150

SW

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/1/97	51G	3.5 / 11.6"	11:22	11:29	11:29	11:38	9min
	51F	3 / 12V	PERC OK	NOT TESTED			
	510	3 / 11.5	11:45	11:48	11:48	11:52	4min
	51E	3 / 12V	OK	SIMILAR TO D			

REMARKS F+G PROBABLY OK AS LOWER LIMIT, WAIT FOR TEST

TYPE OF SOIL

TESTED BY G. SAVAGE ALSO PRESENT SHARP, DENNIS

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

A51577

COUNTY #

SOIL PROFILE

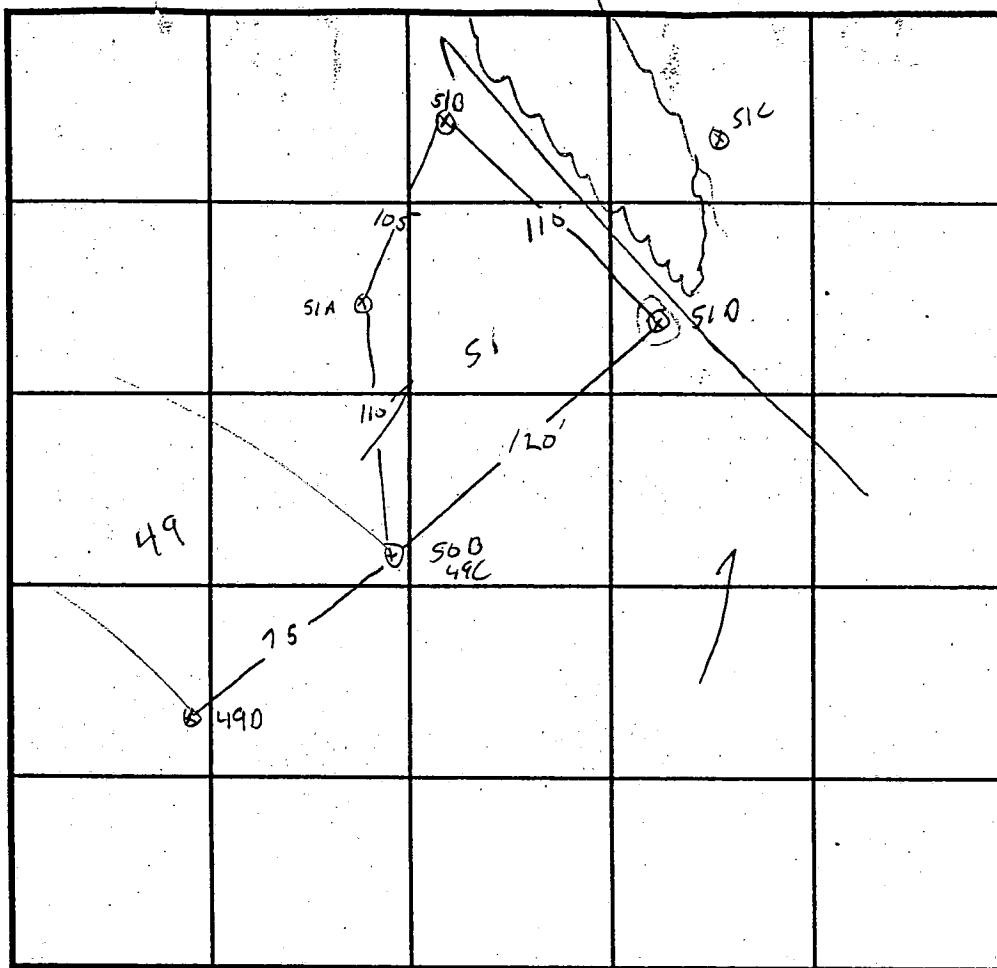
0'

50 B/49C

TOPSOIL

BROWN/PINK
CLAY
LOAM
NO BOUNDARY

TAN
SSC



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'

510

TOPSOIL
BROWN
SANDY
CLAY
LOAM

TAN
SSC
FEW
ORANGE
NODULES
THROUGHOUT

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/20/96	510	35 / 10V	11:44	11:46	11:46	11:48	2 MIN
	51C	NOT TESTED DUE TO SMOKE					
	50B / 49C	3.5 / 12	11:54	11:57	11:57	12:03	6 MIN
		7.5 /	11:57	11:59	11:59	12:01	2 MIN

REMARKS LOT 51, SEE LOT 48 FOR ADDITIONAL SOILS, 510 WET SEASON TEST.

TYPE OF SOIL NOT PER PLAN

TESTED BY G. SAUSAGE

ALSO PRESENT C. SHARP

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

X

SOIL PROFILE

0'	TOPSOIL
1	GRAY SJ HARD PAN
2	PALE ORANGE HARD SILTY CLAY LOAM
6	GRAY BROWN Silty LOAM Iron Oxidation BLACK FILMS
10	WATER

I

0'

0'	TOPSOIL
2.5	ORANGE CLAY Silty LOAM
7.5	ORANGE Silty LOAM
10.5	TAN Silty LOAM
	Black Bands Low Chroma

51H, J

TOPSOIL

ORANGE CLAY Silty LOAM

ORANGE Silty LOAM

TAN Silty LOAM

Black Bands Low Chroma

51 I

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/1/97	51 J	2.5/10.5 ^V	10:53	10:56	10:56	11:00	4 MIN
	51 H	2.5/10.5 ^V	10:58	11:00	11:00	11:02	2 MIN
	51 I	2.5/10 ^V	11:04	11:09	11:09		

REMARKS _____

TYPE OF SOIL _____

TESTED BY G. SURGE ALSO PRESENT SHARO, DEMMIT, ALLEN

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

COUNTY #

SOIL PROFILE

0' TOPSOIL
ORANGE CLAY LOAM
3' BROWN S.S.C. 158
ROCK WHITE/YELLOW ROCKIES S.S.C.

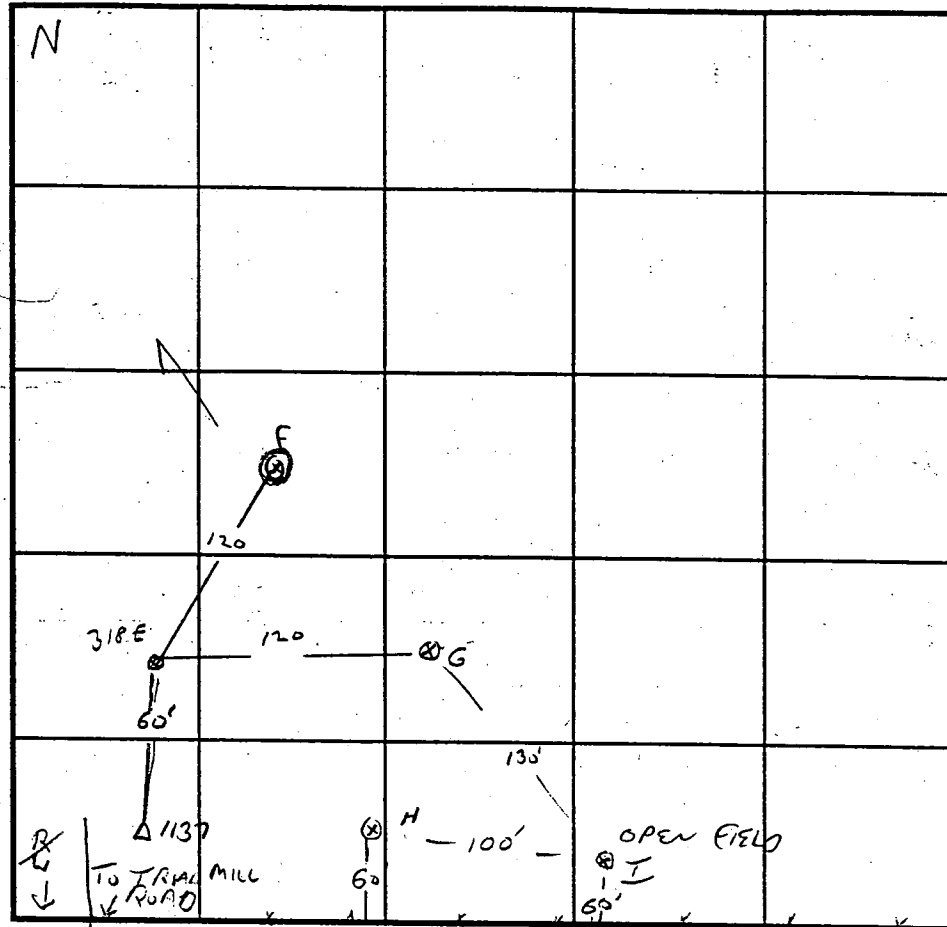
I
H

12
F

SOIL PROFILE

0' TOPSOIL
ORANGE CLAY LOAM
4' DUN BROWNISH GREY SANDY LOAM IRON DISCRETS ORANGE MOTTLES BLACK STREAKS
11' OAMP

E



PROP LINE

SIMILAR TO E DARKER SOILS MORE MOTTLES

9
H2O SEEDANCE

WATER

10

TOPSOIL
ORANGE CLAY LOAM

G

5'
GREENISH BROWN S.S.C.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/18/97	318 E	3.5/11V	10:48	10:50	10:50	10:53	3AW
X	318 F	3/10V	10:53	10:58	10:58	11:10	12MIN
	318 G	3/11V	10:58	11:01	11:01	11:16	9AW
	I	3.5/12V	11:22	11:28	11:28	11:46	18AW
	H	3.5/12V	11:29	11:34	11:34	11:44	10AW
	7		11:29	11:31	11:31	11:37	6MIN

REMARKS ROBINSON BACK PARCEL EAST OF R.W.

✓

TYPE OF SOIL PROPTS E HAS BEEN SUBDIVIDED

TESTED BY G. SALAGE

ALSO PRESENT C. SHARP

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

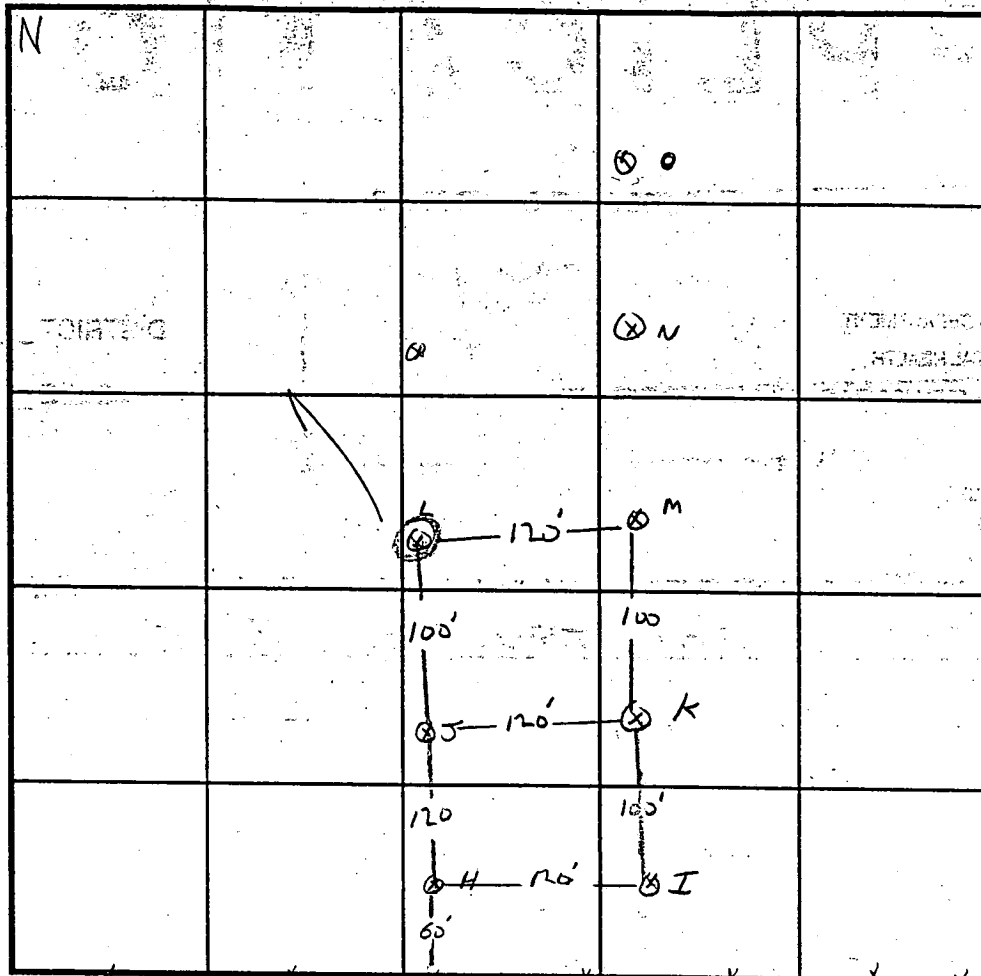
INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

COUNTY #

SOIL PROFILE

SIMILAR
TO OTHERS

M

MOTTLED
LOW
CHROMA
SSC
INDETERMINATE
DEATH11
KSIMILAR
TO 5
DARKER
SOILS

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'

TOPSOIL
BROWN
CLAY
LOAM

3'

MULTI
COLORED
BRIGHT PINK
ORANGE
SSC
ORANGE/
BLACK
MOTTLES

10'

THIS PARCEL
SLOOVIDED
CHECK WELL
& SEPTIC
LOC

PROP. LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/18/97	3185	3' / 10V	11:53	11:54	11:58	12:10	14 MIN
	318 K	3' / 11V	12:00	12:12	12:12	12:31	19 MIN
	318 L	3.5' / 10V	12:35	12:39	12:39	12:44	5 MIN
	318 M	3.5' / 11V	12:42	12:57	12:57	1:15	18 MIN
3/18 Test Notes are Missing							

REMARKS Robinson 8 AC PARCEL E. OF R.W. SHEET 1062TYPE OF SOIL 4 LOT ALVOR 21 ACRES 14498 TRIAD MILL ROAD - HARTMANTESTED BY G. SAVAGEALSO PRESENT C. SHARP

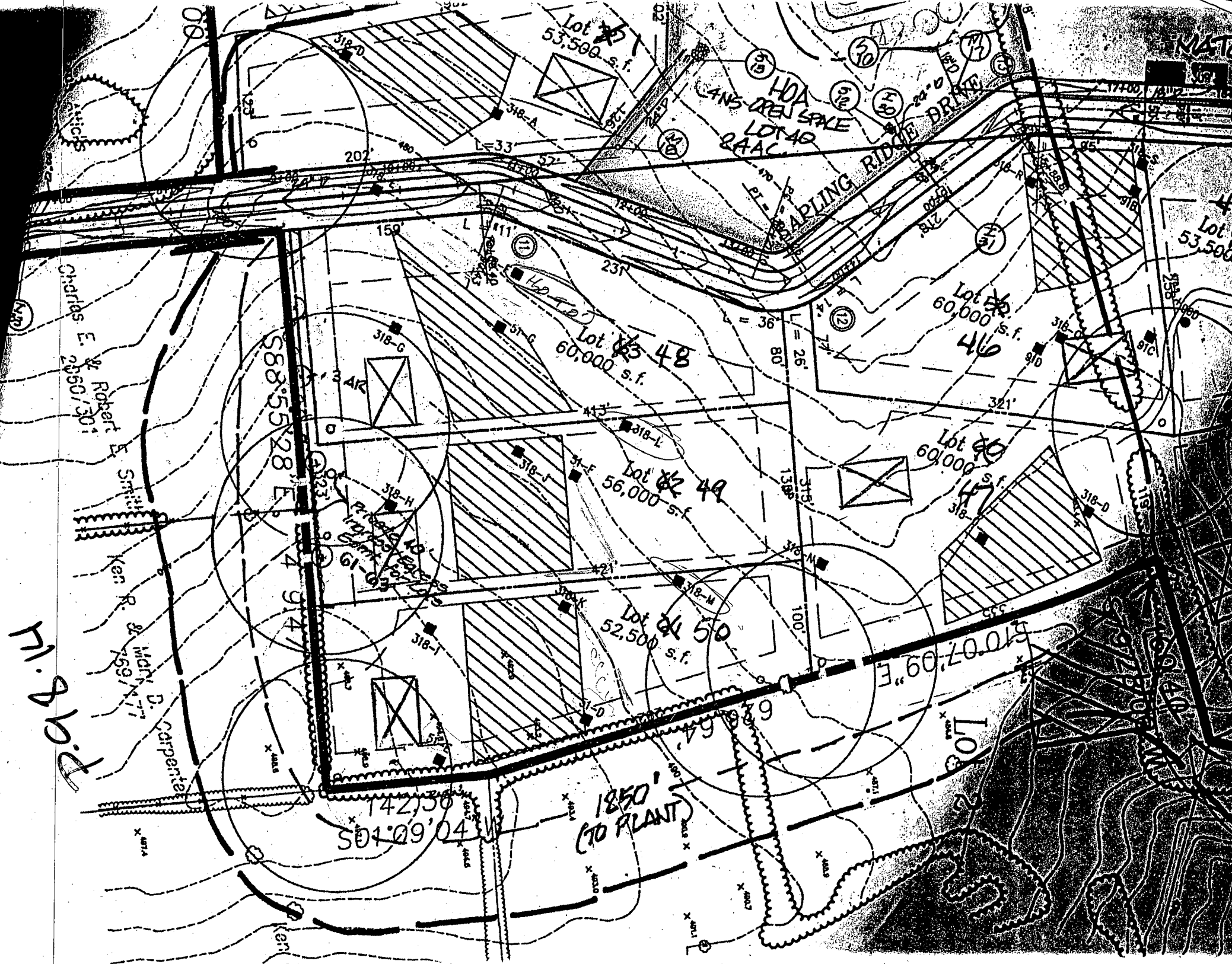
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

TOPSOIL

DARK
ORANGE
BROWN
CLAY LOAMDARK BROWN
SANDY LOAM
MOTTLED & SOFT
BROWN
SANDSTONEROCK CRAGS
H2O INDICATORSDAMP/
SEPTIC

WATER



Charles E. & Robert E. Smith
2650/301
Ken R. & Mary D. Carpenter
169/177
H.D.C.

Lot 47
53,500 s.f.

4th GREEN SPAL
LOT 48
RAAC

SAPLING RIDGE DRIVE

Lot 49
60,000 s.f.

Lot 48
60,000 s.f.

Lot 49
56,000 s.f.

Lot 50
60,000 s.f.

Lot 50
52,500 s.f.

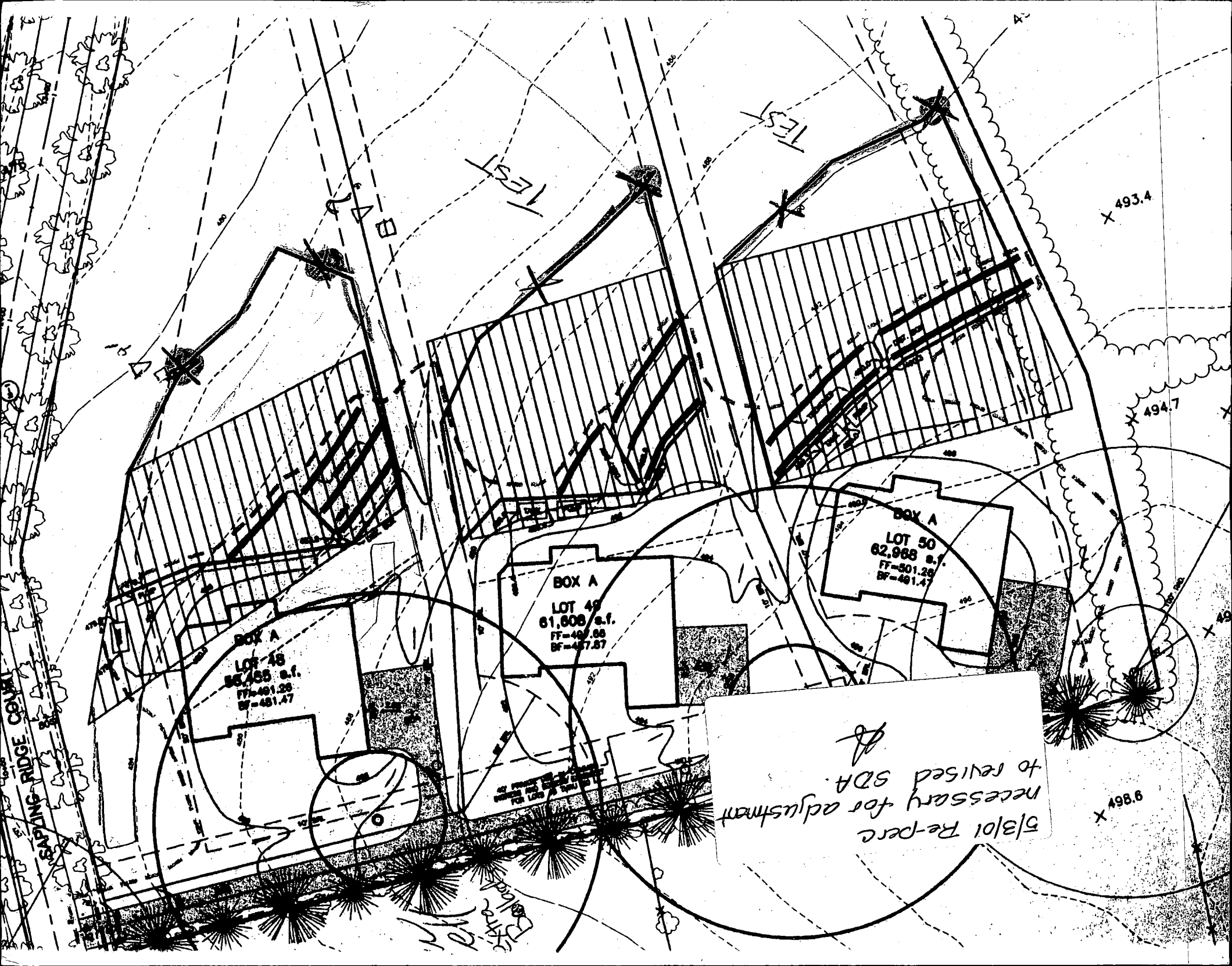
588'55'28" E

142'30"
S01'09'04" W

1250'
(TO PLANT)

510'07'09" E

LO 2
207'



BOX A
LOT 48
55,455 s.f.
FF=491.28
BF=481.47

BOX A
LOT 49
61,608 s.f.
FF=492.66
BF=487.57

BOX A
LOT 50
62,968 s.f.
FF=501.28
BF=491.47

5/3/01 Re-perc
necessary for adjustment
to revised SDA.

SAPLING RIDGE CONVEYANCE

WEST

X 493.4

X 494.7

X 498.6

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
ELLICOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 FAX: 410-465-6644
TOLL BROTHERS, INC.
7164 COLUMBIA GATEWAY
COLUMBIA, SUITE 200

B00145623
Proposed
Deck &
ga zebo
OK

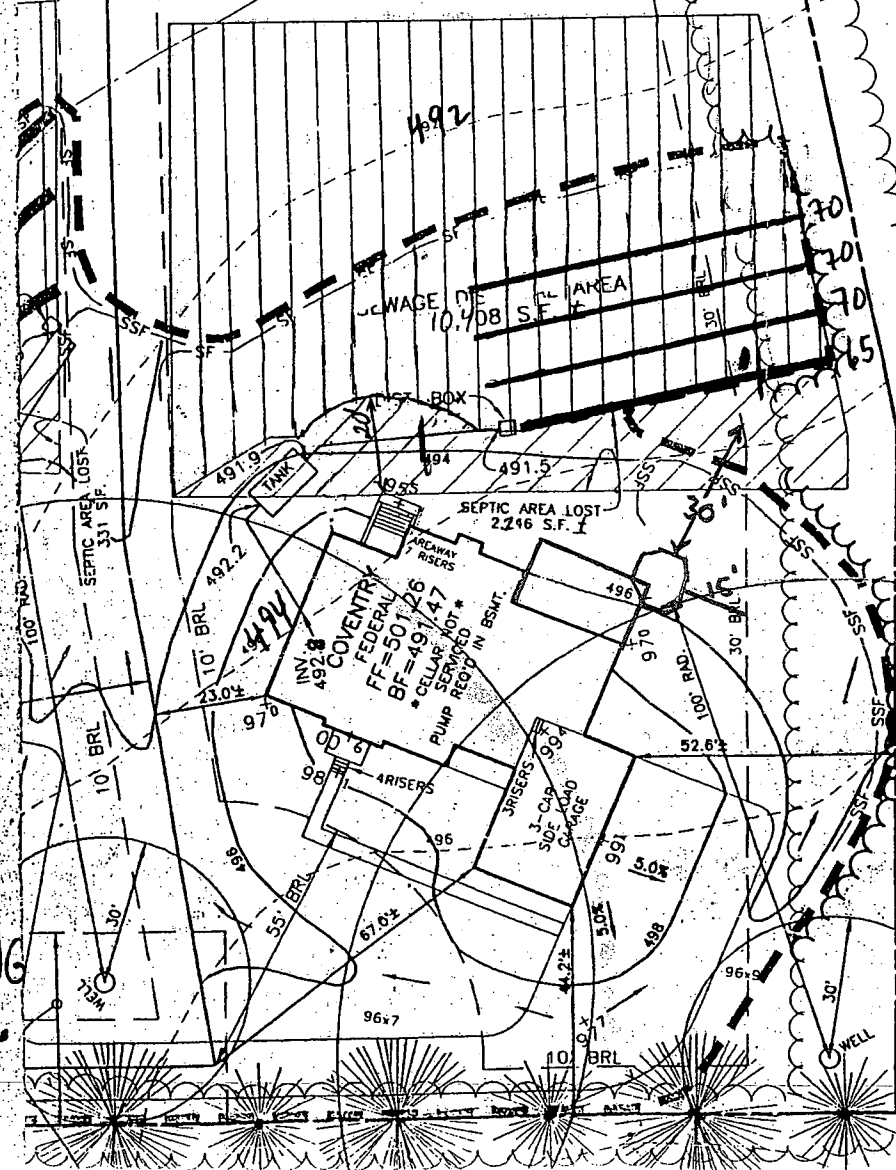
PLAN
SCALE: 1"=40'

Depth of stone required below
distribution pipe 2.0 feet

Approved Septic System Plan
Howard County Health Department

Mark Sullivan
Signature

7/22/02
Date



TO SAPLING
RIDGE DR.