

11/18/96
11.00
(open trenches)
11/19/96

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57399

A 49337-I

DISTRICT 5th

DATE 11/13/96

DATE SYSTEM APPROVED 11/19/96

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XXXXXXXX 313-2640
461-9933

INDEXED

Adamson Plumbing & Heating IS PERMITTED TO INSTALL X ALTER

ADDRESS 7825 McCellan Avenue, Boonsboro, Maryland 21713 PHONE 301-416-3968

SUBDIVISION Fulton Manor LOT 41 ROAD 12321 Pleasant View Drive

PROPERTY OWNER LST/Jamestown Builders

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 125 feet up the left (333.08'); lot line and 60' off that same lot line as seen when facing the lot from Pleasant View Drive.

NOTES - Run trenches on contour toward the left lot line. No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/30/96 DKS

PLANS APPROVED BY Mark Rifkin DATE 7/24/96

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

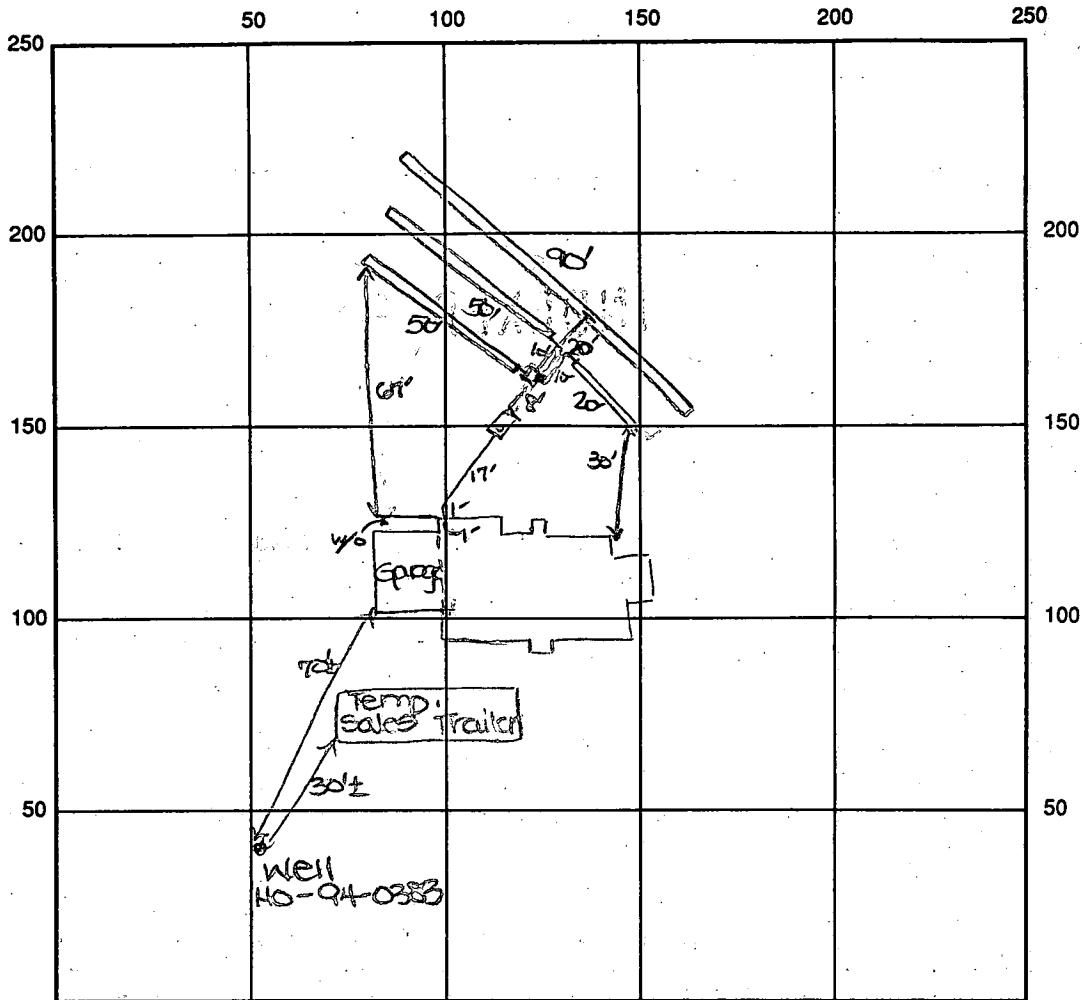
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

**BUILDING PERMIT SIGNED
AND RETURNED** 7-11-96
B00137438-DEEK

A
49337-I



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Pleasant View Drive

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one on s.t.

DISTRIBUTION BOX LEVEL OK - baffle in

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 250 FT. → 210'

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: 11/18/96 OK to cover from house to d.b. OK to

SENDING PERMITS and continue work DKS

11/19/96 AND RETURNED DKS - OK to cover all work. DKS

DATE SYSTEM APPROVED 11/19/96

INSPECTOR Thomas K. [Signature]

APPLICATION

PERCOLATION TESTING

A 493371

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT Fifth

DATE June 8, 1993

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER GTHA D. UPCHURCH Jamestown Builders

ADDRESS 457 Old Orchard Circle PHONE 992-9300

AGENT OR PROSPECTIVE BUYER SAME AS OWNER

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION UPCHURCH PROPERTY LOT NO. 41

ROAD AND DESCRIPTION 12276 Hall Shop Road (12321 Pleasant View Drive)
HIGHLAND MARYLAND

TAX MAP 40 PARCEL # 1646205

SIZE OF LOT 53,500⁰¹ TYPE BLDG. SINGLE FAMILY DWELLING
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 7/24/96
Serial # BT 10169

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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A 49337 I 3

Hall Shop Road



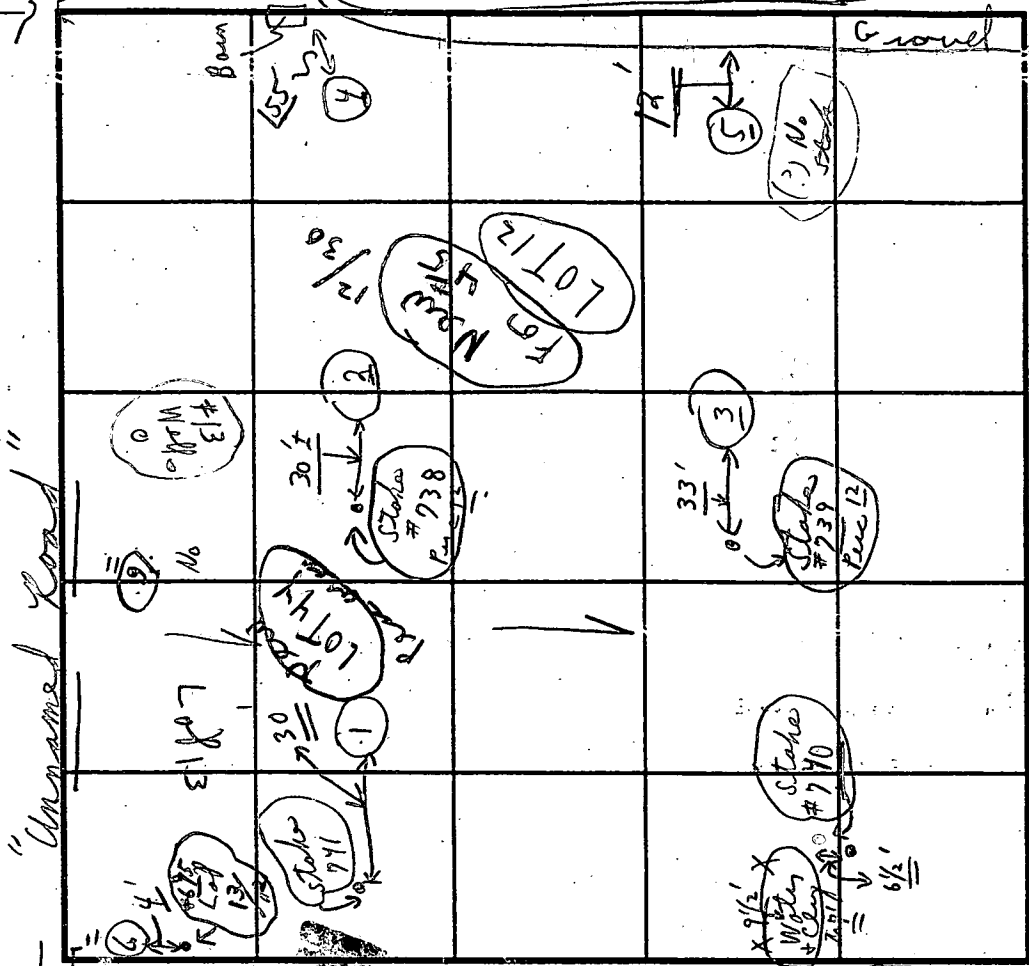
COUNTY #
LOT 12
SOIL PROFILE
Hole 0

0'-4 1/2'
Clay
4 1/2' to
Sandy
Loam
↓
13'

Hole 2
0'-4'
Clay
4'
↓
12'

Sandy
Loam
↓
12'

Hole 3
0'-5'-4"
Clay
5'-4"
↓
Sandy
Loam
12 1/2'



SOIL PROFILE
Hole 4
0' to 4 1/2' (Visual)
Clay
4 1/2'
LOAM
to
↓
12'-3"

6/23
Mound line
↓
12+13
per Crowel

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASELINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/23/93	①	4 1/2'	10:02	10:05	10:05	10:12	7 min
Wednesday	near #941	13'	0'-4 1/2'	Clay	4 1/2' to 13'	Sandy Loam	ok
	②	4'	10:15	10:18	10:18	10:25	7 min
	near #738	12'	10:14	10:16	10:16	10:18	2 min
	③	5'-4"	10:27	10:31	10:31	10:43	12 min
	near #739	12 1/2'	0'-5 1/2'	Clay	5'4"-12 1/2'	Sandy Loam	
	④	0' to 4 1/2'	Clays	Visual			
	No stake	12'-3"	0'-4 1/2'	to 5"	4 1/2' to 12'	3" LOAM	
	⑤	4'	10:33	10:35	10:35	10:41	6 min
	No stake	12'-3"			(Loam) 0'-4' Clay	3" LOAM	

⑤ Hole
0'-4'
Clay
4'
↓
LOAM
↓
12'-3"

649 Hole
See #713

REMARKS Tests in open field; (Tests per stakes or as noted)

TYPE OF SOIL Loam below clay

TESTED BY C. R. D. ALSO PRESENT { O. Katherman } # Helms 11:00

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 6 min TRENCH WIDTH 2'

INLET DEPTH 2' MAXIMUM BOTTOM DEPTH 0 7' SQ. FT./BEDROOM 210

Now #40

C1 3581

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45-DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN C-2'S, 3-6 ON ALL CARDS)

COUNTY NUMBER A49337-I

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

022895

031495

265

H0-94-0383

OWNER Fisher Collins & Carter

STREET OR RFD Pleasant View Drive

TOWN Highland

SUBDIVISION Fulton Manor

SECTION

LOT 41

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 FROM TO Check if water bearing

Top Soil 0 2
Sandy 2 20
Sand Stone 20 25
MICKA 25 55
Sand Stone 55 60
MICKA 60 265

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 14 NO. OF POUNDS 1900

GALLONS OF WATER 84

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 307 ft.

CASING RECORD

ST CO STEEL CONCRETE
PL OT PLASTIC OTHER

MAIN CASING TYPE PL Nominal diameter 6 Total depth 38

OTHER CASING (if used)

SCREEN RECORD ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED.

WELL HYDROFRACTURED YES Y NO N

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...

DRILLERS IDENT. NO. 116

DRILLERS SIGNATURE

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

DEPTH (nearest ft.) HO 36 265

SLOT SIZE 1 2 3 DIAMETER OF SCREEN

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 4

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 19

WHEN PUMPING 55

TYPE OF PUMP USED (for test) A air P piston T turbine

C centrifugal R rotary O other

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)

CAPACITY: GALLONS PER MINUTE

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

LAND SURFACE 2 (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)

Road well 15 Prop Line

SEPTIC DATA

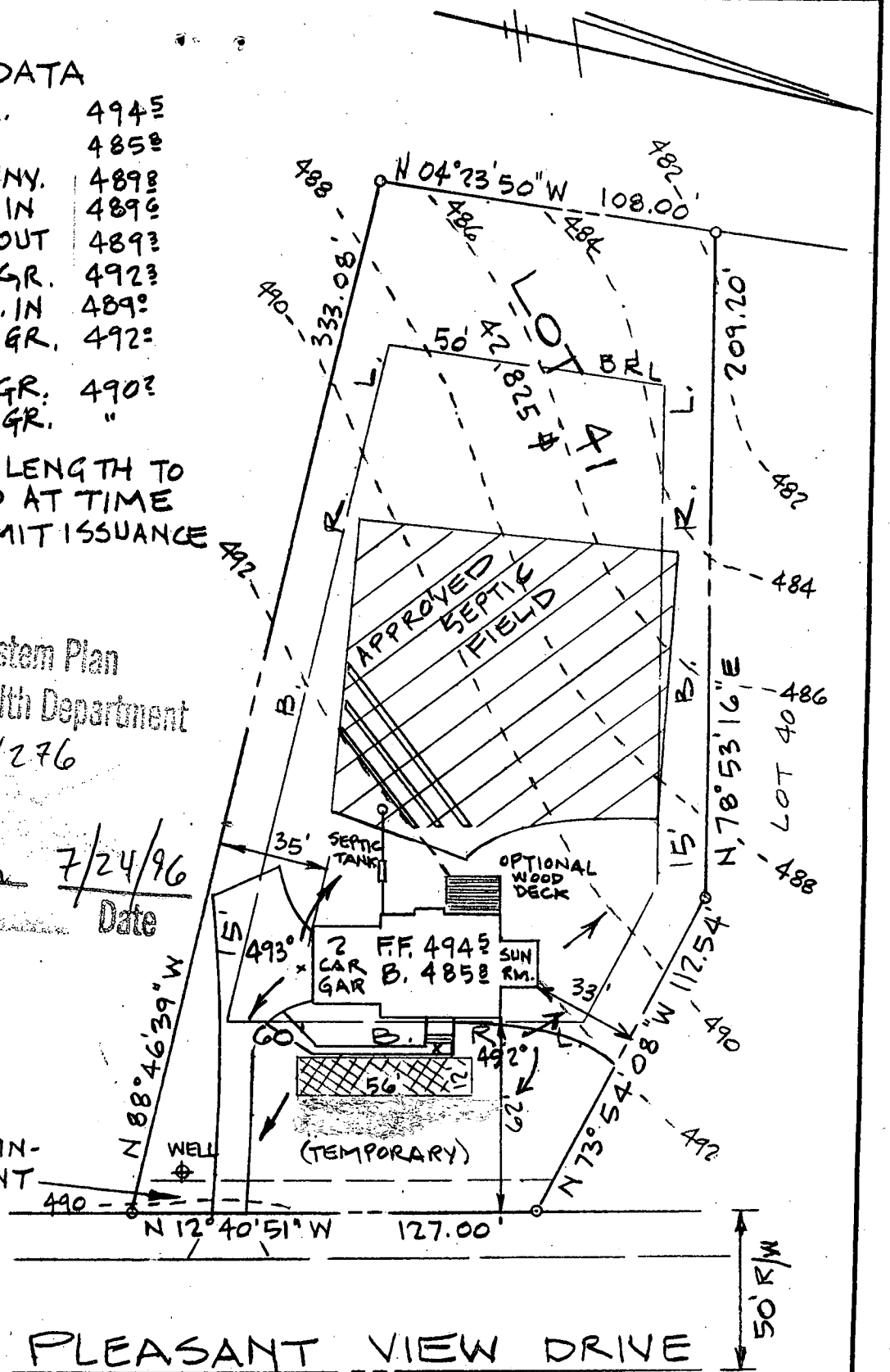
HOUSE	FIN. FL.	494 ⁵
"	BSM'T	485 ⁸
"	SEWER INV.	489 ⁸
SEPTIC	INV. IN	489 ⁶
TANK	INV. OUT	489 ³
"	FIN. GR.	492 ³
DISTRIB.	INV. IN	489 ²
BOX	FIN. GR.	492 ²
WATER	EX. GR.	490 ²
WELL	FIN. GR.	"

NOTE: TRENCH LENGTH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE

Approved Septic System Plan
Howard County Health Department
B00101276

Mark Rifkin 7/24/96
Signature Date

10' PUBLIC TREE MAINTENANCE EASEMENT



ENGINEER

JOHN L. SCHNEIDER, P.E.
100 N. ROLLING RD.
CATONSVILLE, MD. 21228
301-744-1945

RECORD PLAT NO 11568

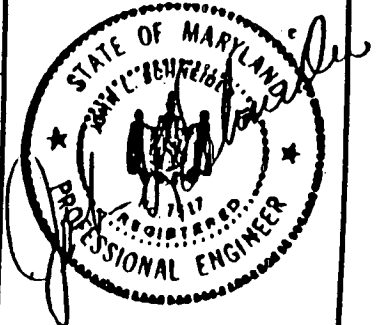
GRADING STUDY

LOT 41 "FULTON MANOR"

5th ELECTION DISTRICT
HOWARD COUNTY - MARYLAND

SCALE: 1" = 50'

DATE: JUNE 28, 1996



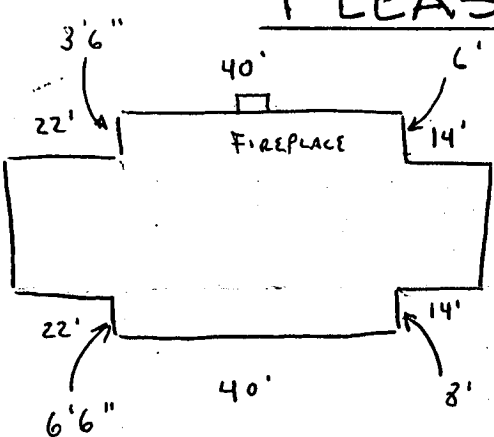
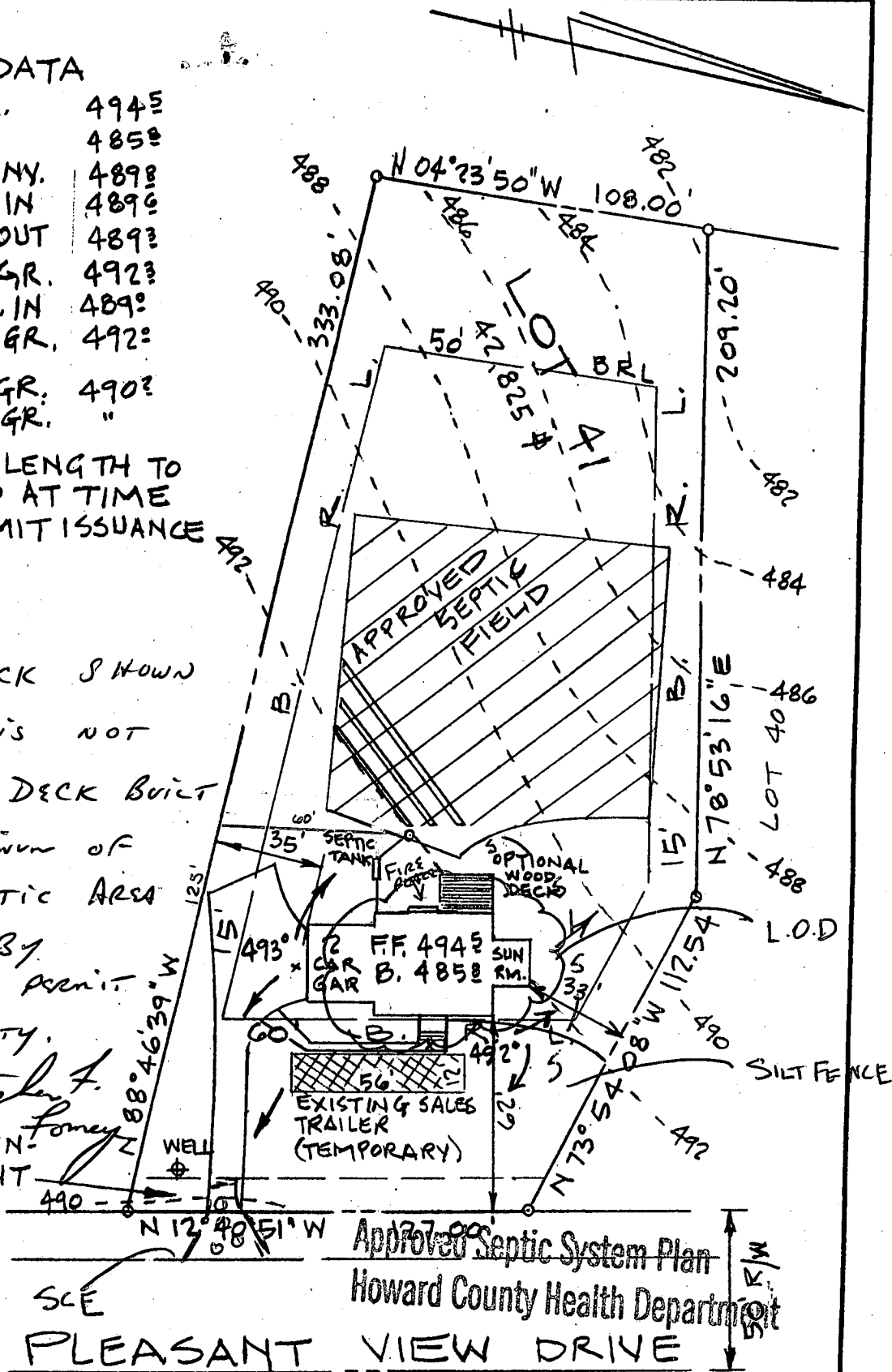
SEPTIC DATA

HOUSE	FIN. FL.	4945
"	BSM'T	4858
"	SEWER INV.	4898
SEPTIC	INV. IN	4896
TANK	INV. OUT	4893
"	FIN. GR.	4923
DISTRIB.	INV. IN	4890
BOX	FIN. GR.	4920
WATER	EX. GR.	4903
WELL	FIN. GR.	"

NOTE: TRENCH LENGTH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE

*
 OPTIONAL DECK SHOWN ON DRAWING IS NOT CORRECT, ANY DECK BUILT WILL BE A MINIMUM OF 20' FROM SEPTIC AREA AND APPROVED BY HEALTH DEPT + PERMIT SECTION OF COUNTY.

10' PUBLIC TREE MAINTENANCE EASEMENT



Signature: *Mark E. Pflum* B00101169
 Date: 7/24/96

ENGINEER
 JOHN L. SCHNEIDER, P.E.
 100 N. ROLLING RD.
 CATONSVILLE, MD. 21128
 301-744-1945



RECORD PLAT NO 11568

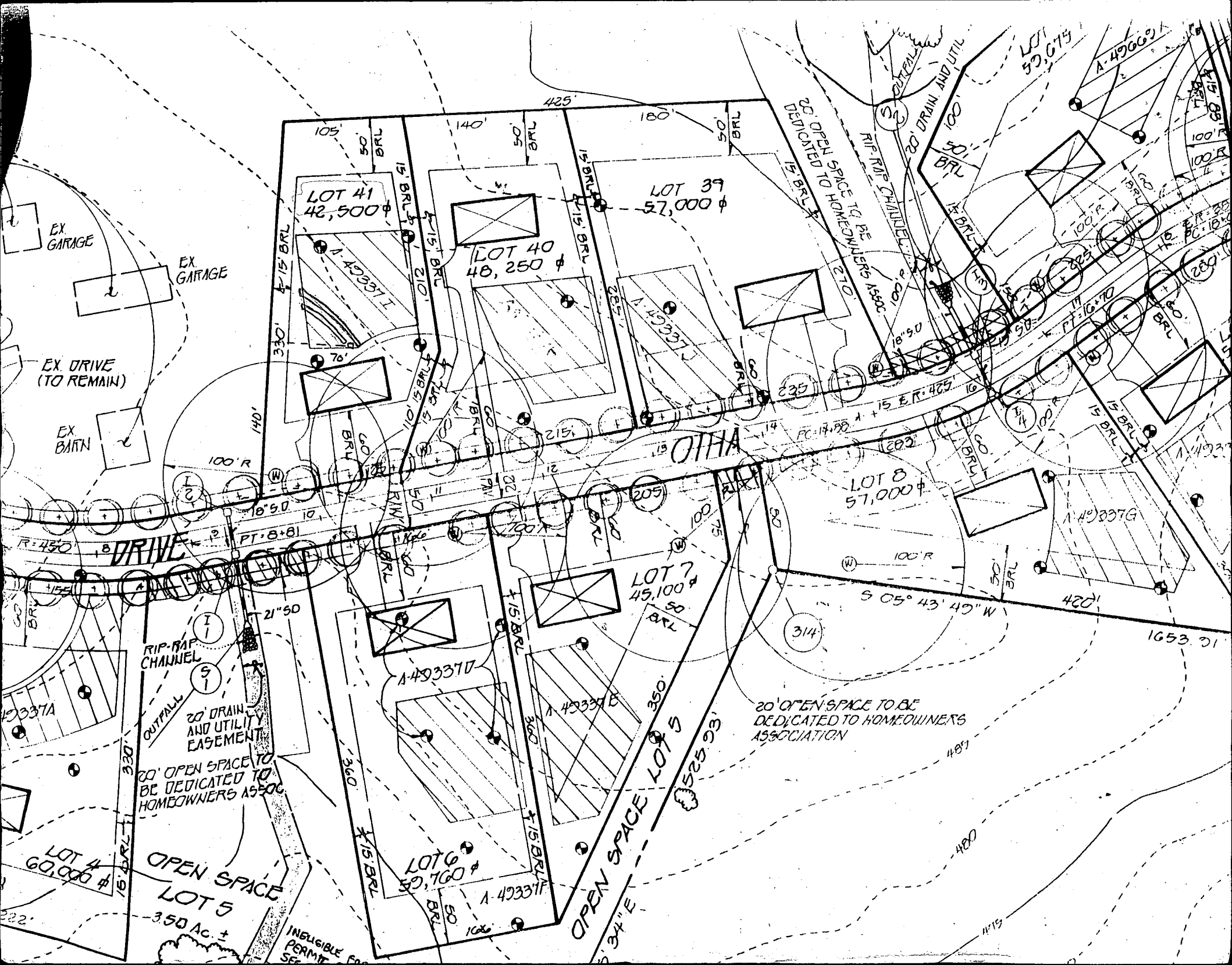
GRADING STUDY

LOT 41 "FULTON MANOR"

5th ELECTION DISTRICT
 HOWARD COUNTY - MARYLAND

SCALE: 1" = 50'

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LOT 41
42,500 ϕ

LOT 40
48,250 ϕ

LOT 39
57,000 ϕ

LOT 8
57,000 ϕ

LOT 7
45,100 ϕ

LOT 6
59,700 ϕ

LOT 4
60,000 ϕ

OPEN SPACE
LOT 5
3.50 AC. +

20' OPEN SPACE TO BE
DEDICATED TO HOMEOWNERS
ASSOCIATION

20' OPEN SPACE TO
BE DEDICATED TO
HOMEOWNERS ASSOC.

EX GARAGE

EX GARAGE

EX DRIVE
(TO REMAIN)

EX BARN

DRIVE

RIP-RAP
CHANNEL

20' DRAIN
AND UTILITY
EASEMENT

INELIGIBLE
PERMIT
SEE

425'

OIHA

LOT 1
59,675

A-49069

LOT 2
59,675

LOT 3
59,675

LOT 4
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LOT 5
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LOT 19
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LOT 20
59,675

LOT 21
59,675

R=450

PT. B+B

100' R

18' 9.0"

21' 5.0"

330'

350' AC. +

15' BRL

15' BRL

15' BRL

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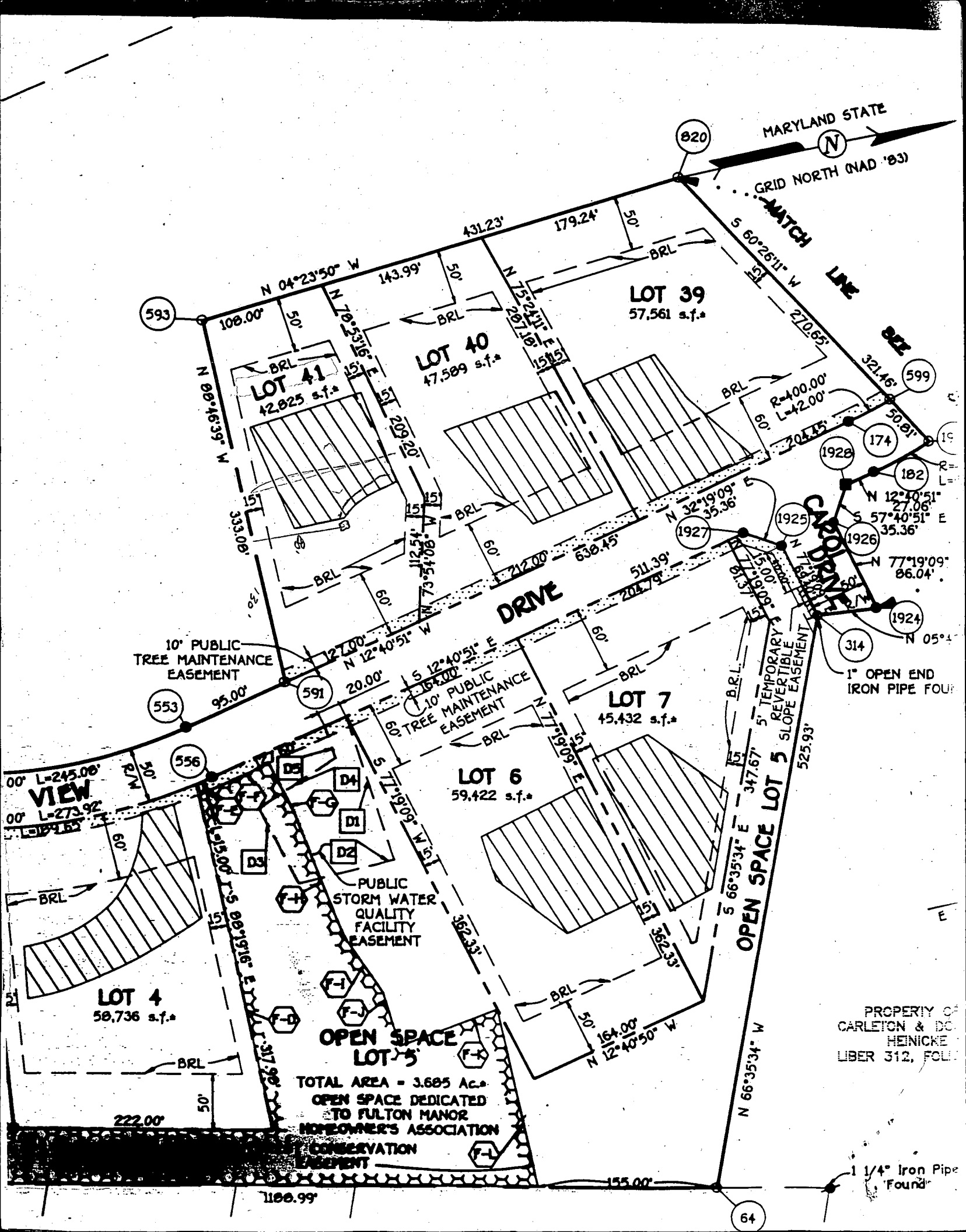
15' BRL

15' BRL

15' BRL

15' BRL

15' BRL



MARYLAND STATE
 GRID NORTH (NAD '83)

MATCH LINE

LOT 39
 57,561 s.f.

LOT 40
 47,589 s.f.

LOT 41
 42,825 s.f.

LOT 7
 45,432 s.f.

LOT 6
 59,422 s.f.

LOT 4
 58,736 s.f.

OPEN SPACE LOT 5

TOTAL AREA = 3.685 Ac.
 OPEN SPACE DEDICATED
 TO FULTON MANOR
 HOMEOWNER'S ASSOCIATION
 CONSERVATION
 EASEMENT

PROPERTY OF
 CARLETON & DO.
 HEINICKE
 LIBER 312, FOLL

1 1/4" Iron Pipe
 Found

10' PUBLIC
 TREE MAINTENANCE
 EASEMENT

10' PUBLIC
 TREE MAINTENANCE
 EASEMENT

PUBLIC
 STORM WATER
 QUALITY
 FACILITY
 EASEMENT

5' TEMPORARY
 REVERIBLE
 SLOPE EASEMENT

1" OPEN END
 IRON PIPE FOUR

VIEW

222.00'

1188.99'

155.00'

64

