

APPLICATION

PERCOLATION TESTING

A 516063

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT 5TH

DATE 11/7/01

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 D.R. HORTON
ADDRESS 1370 PICCARD DRIVE
ROCKVILLE, MD 20850 PHONE 301-670-6144

AGENT OR PROSPECTIVE BUYER CLARK SPERRY
ADDRESS P.O. BOX 417
ELLICOTT CITY MD 21041 PHONE 410-465-4244

PROPERTY LOCATION:

SUBDIVISION PALMER PROPERTY LOT NO. 1

ROAD AND DESCRIPTION TEN OAKS ROAD
CLARKSVILLE

TAX MAP 34 PARCEL # 77

SIZE OF LOT 1 AC ± TYPE BLDG. SINGLE FAMILY DETACHED
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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.

John M. Flaherty D.R. HORTON, INC
VICE PRES.
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

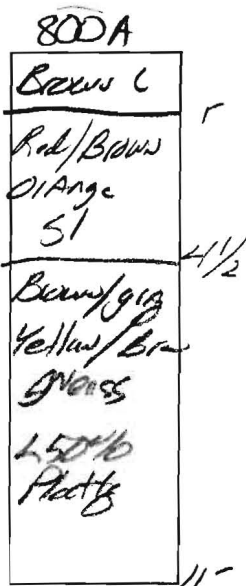
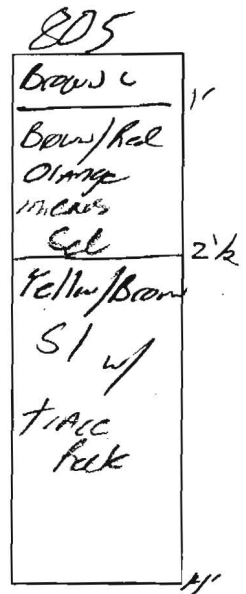
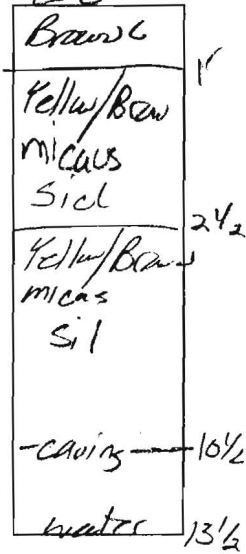
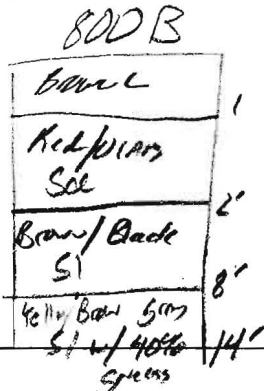
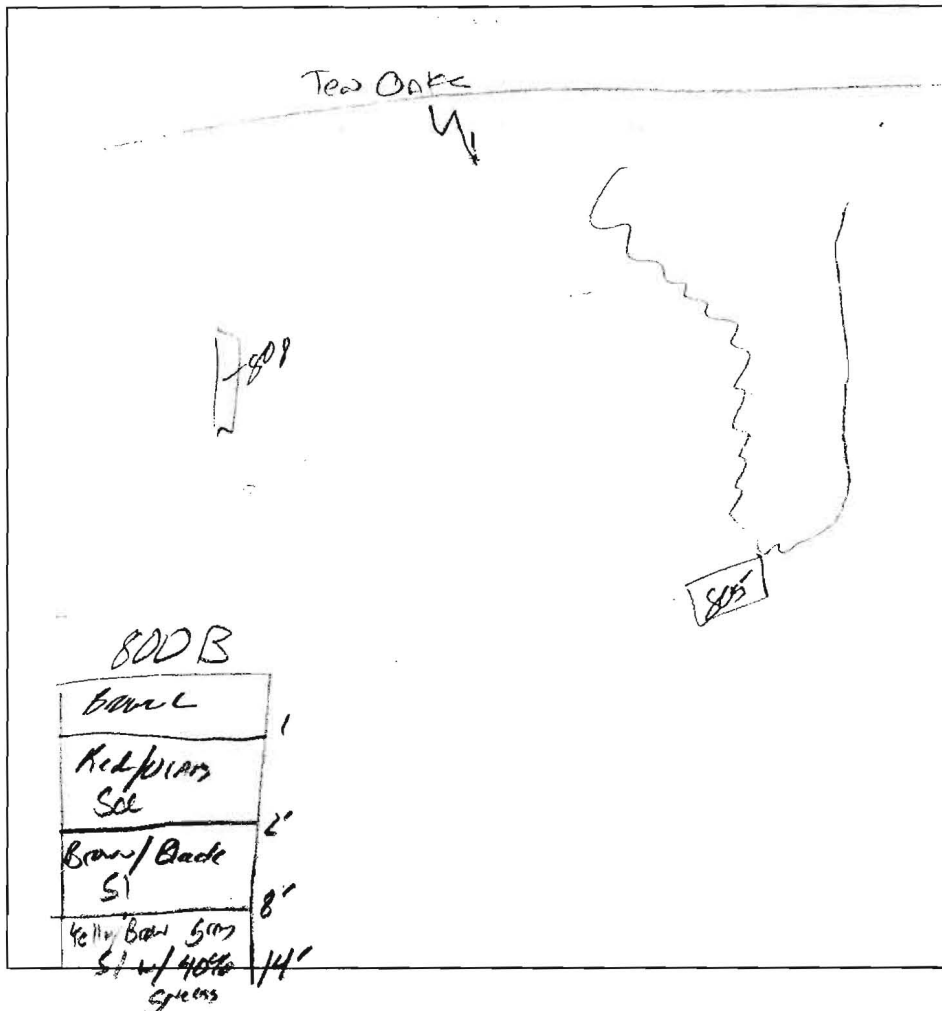
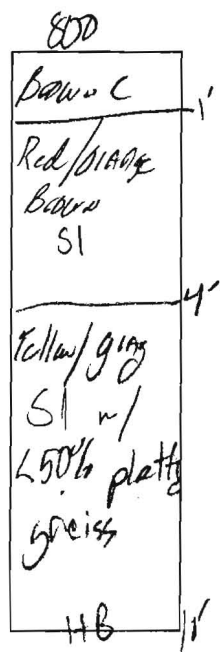
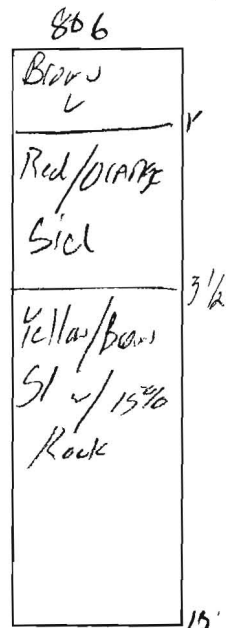
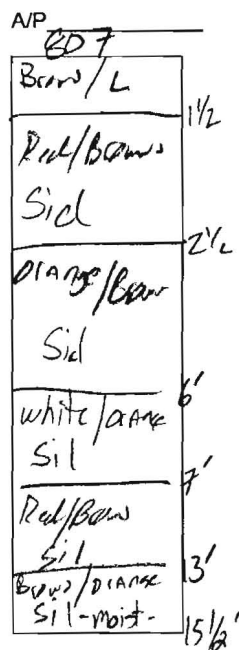
HOLD PENDING FURTHER TESTS _____

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 _____

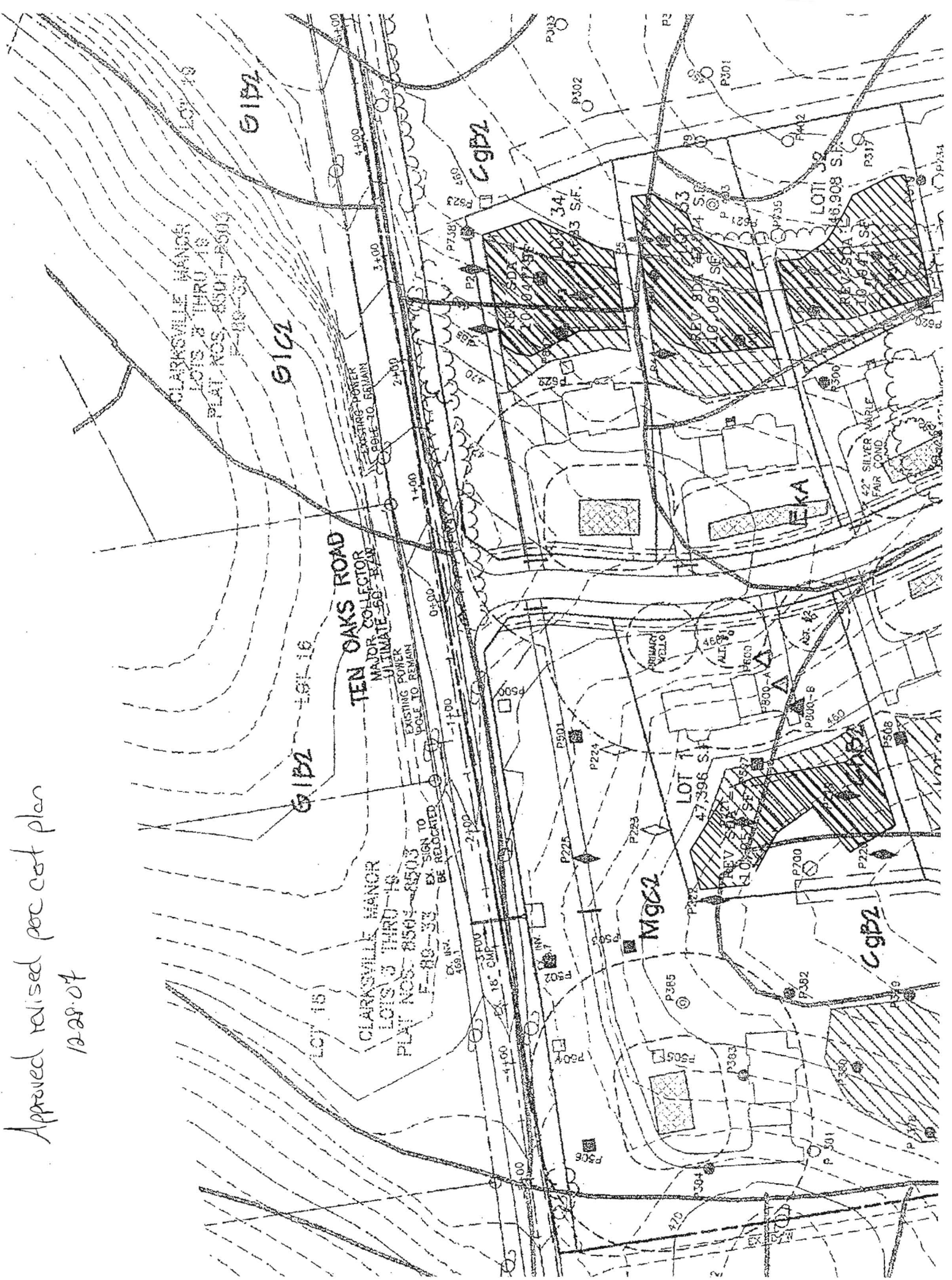
THIS IS NOT A PERMIT



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
8/30/24	807	8' / 15 1/2'	8:40	8:52	9:00	16min	P
	806	6 1/2' / 15'	9:27	9:30	9:35	5min	F
	800	4' / 10'	9:49	-Polled	10:23		F
	808	4' / 13 1/2'	10:03	10:05	10:08	3min	P
	805	3 1/2' / 14'	10:14	10:16	10:19	3min	P
	800B	4 1/2' / 14'	1:06	1:09	1:12	3min	P
	800A	-Visual					F

REMARKS 800A - 43' down hill
 all holes dry per plan - 800 - no distance between back +
 SANITARIAN KJB : PP BACKHOE Linnick OTHERS
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Approved revised per cost plan
12.28.07



COUNTY #

SOIL PROFILE
738

0' Red Br Cl Loam and Si Cl Loam ~10% Rock
 3.5' Red Br and Beige Loam ~10% Rock
 6' Red Br Si Loam and Beige Sa Loam Trace Rock
 12' Water Seepage Water
 14'

736

Red Br Cl Loam
 3' Red Br Si Cl Loam Trace Rock
 5'

Red Br Si Loam Trace Rock

9.5' Caving Water
 13.5'

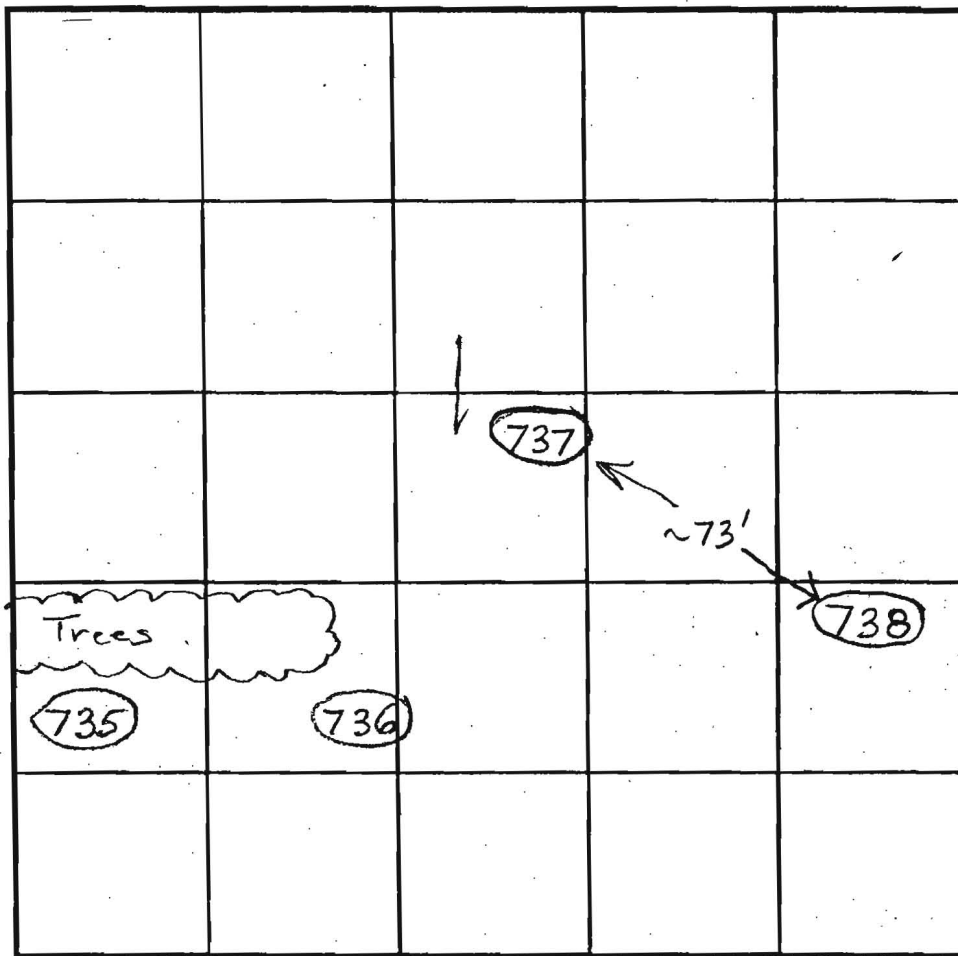
735

Red Br Cl Loam
 5-3' Tan Sa Loam ~20% Rock

1.5' Caving Water
 1.5'

SOIL PROFILE
737

0' Red Br Cl Loam and Si Cl Loam 4'
 Beige Sa Loam and Or Si Cl Loam ~25% Rock 5.5'
 Med Br Sa Loam ~15% Rock Wet Near Bottom 13.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
6/3/2004	738	6'8" / 14' V	9:03	9:06:45	9:06:45	9:11:45	5	O.K.	
		5'4"	9:07:30					Slow	
		5'9"	9:14					Slow	
	736	7.5' / 13.5' V	9:32	9:48:30	9:48:30	10:06	17 1/2	O.K.	
		5'8"	9:38:30	9:49	9:49	10:04	15		
	735	8.5' V						(F)	
	737	13.5' V	- Locate Test Hole						O.K.
			Need to Test At Originally Intended Location						

REMARKS 737 Good Below 5.5', Hole 737 Mislocated and

TYPE OF SOIL Marked as 736

TESTED BY B. Baker

ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

Silver P-Plan

CLARKSVILLE MANOR
LOTS 3 THRU 19
PLAT NOS. 8501-8503
7-89-33

LOT 19

G1B2

G1C2

B2 LOT 16

TEN OAKS ROAD
MAJOR COLLECTOR
ULTIMATE .60' R/W

EXISTING POWER
POLE TO REMAIN

EXISTING POWER
POLE TO BE RELOCATED

CMP
EXISTING POWER
POLE TO BE RELOCATED

G1A

CgB2

ABILIZED
ONSTRUCTION
NTRANCE

ABLE
PARCEL A
EASEMENT HOLDER
ON EASEMENT HOLDER

ChB2

Ba

LOT 1

EKA

LOT 30

42" SILVER MAPLE
FAIR COND.

2" LINDBERGH
FAIR COND.

4" LINDEN
FAIR COND.

EXIST. WELL
HOUSE TO BE REMOVED

1STORY
OLD STONE
BLDG

68" SILVER MAPLE
POOR COND.

G1B2

LOT 29

LOT 2

KBZ

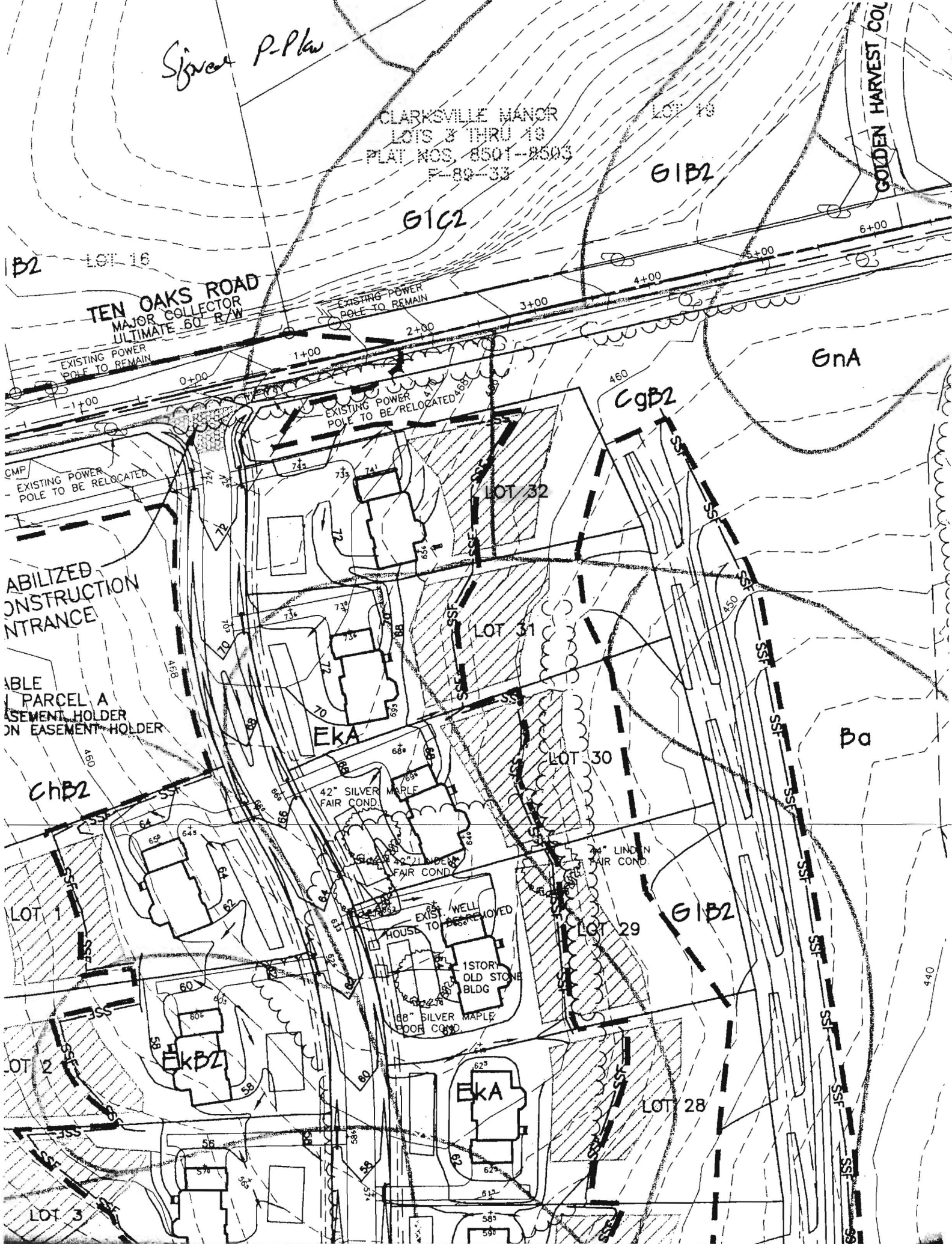
EKA

LOT 28

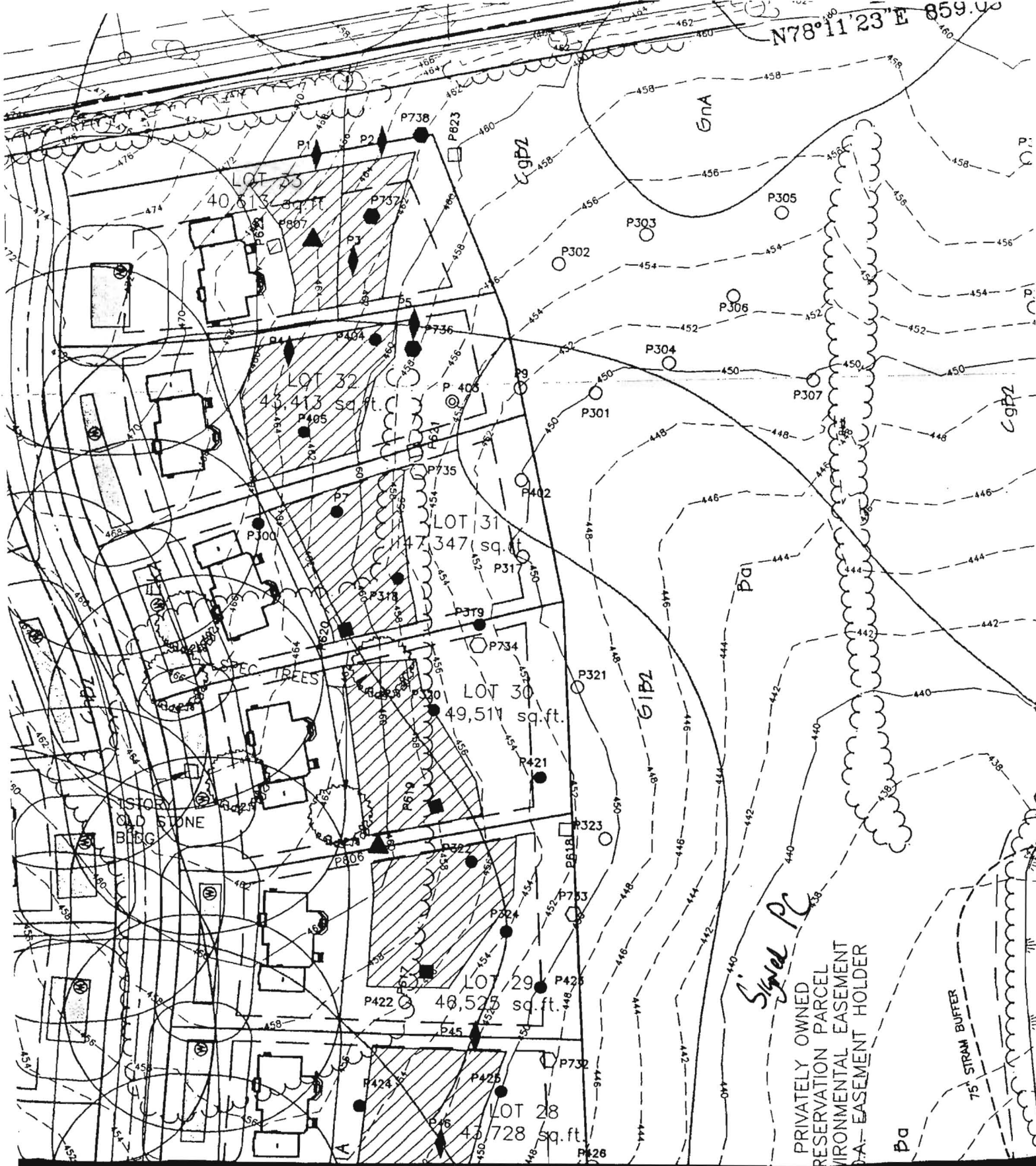
LOT 3

440

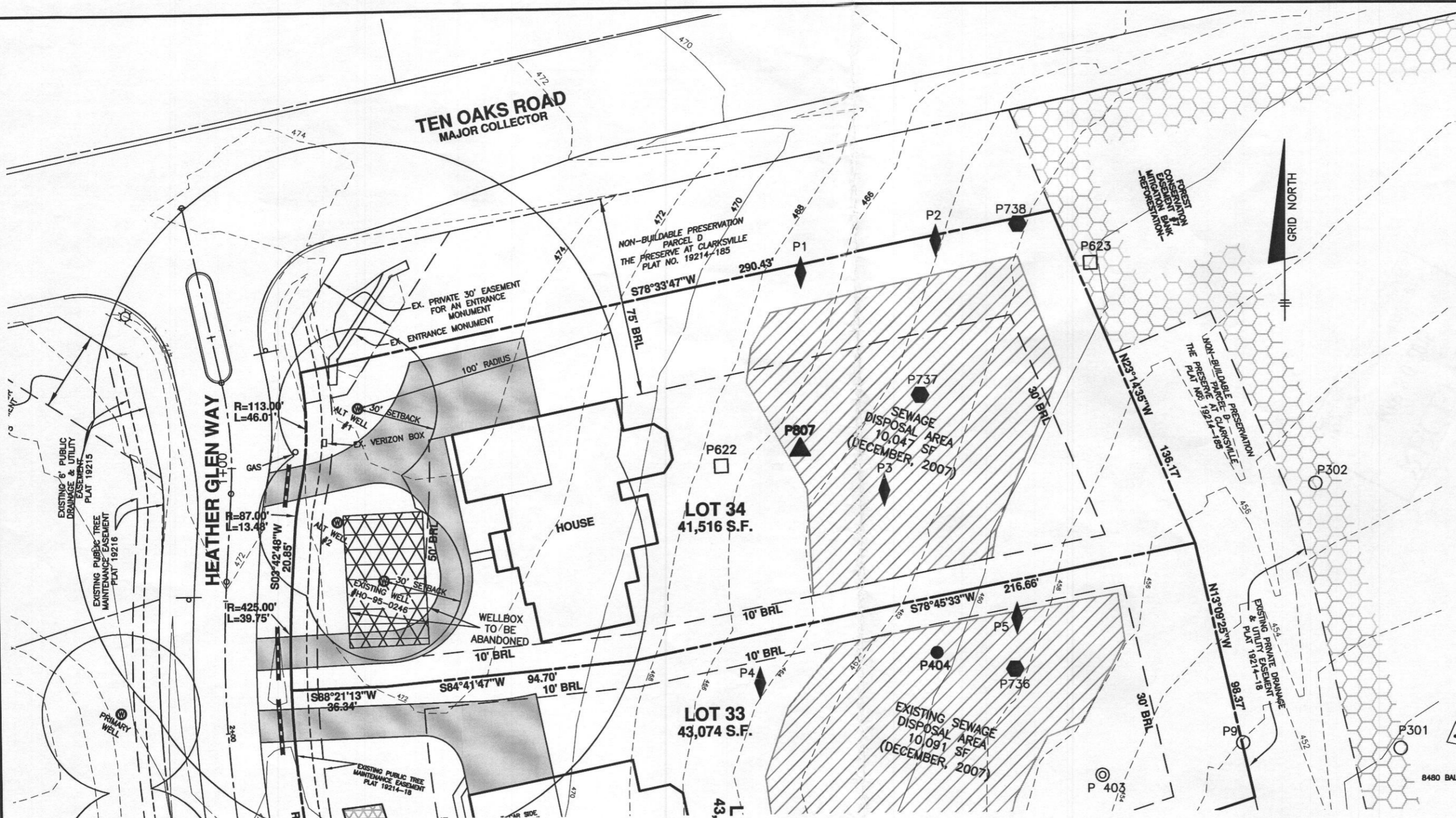
GOLDEN HARVEST COL



N78°11'23"E 859.00



Signed PC
 PRIVATELY OWNED
 RESERVATION PARCEL
 ENVIRONMENTAL EASEMENT
 PA - EASEMENT HOLDER



- ◆ PASSED TEST HOLE TESTED NOV-DEC 2001
- PASSED TEST HOLE TESTED APRIL/ MAY 2003
- FAILED TEST HOLE TESTED APRIL/MAY 2003
- FAILED TEST HOLE TESTED JANUARY/FEB 2004
- ⬢ PASSED TEST HOLE TESTED JUNE 2004
- ▲ PASSED TEST HOLE TESTED AUGUST 2004
- ⊙ WELL LOCATION
- ▣ 1,500 SF WELL BOX

BENCHMARK
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.
 8480 BALTIMORE NATIONAL PIKE ▲ SUITE 315 ▲ ELLICOTT CITY, MARYLAND 21043
 (P) 410-465-8105 (F) 410-465-8644

BUILDER:
 WILLIAMSBURG HOMES, INC 5485
 HARPERS FARM ROAD SUITE 200
 COLUMBIA, MARYLAND 21044
 410-997-8800

NOTES:

1. THE TOPOGRAPHY SHOWN ON LOT 34 WAS FIELD SURVEYED BY BENCHMARK ENGINEERING, INC. IN AUGUST, 2014 AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.
2. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
4. ANY CHANGES TO THE PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
5. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE LOT BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
6. THE EXISTING WELL ON THIS LOT (TAG NO. HO-95-0246) HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.

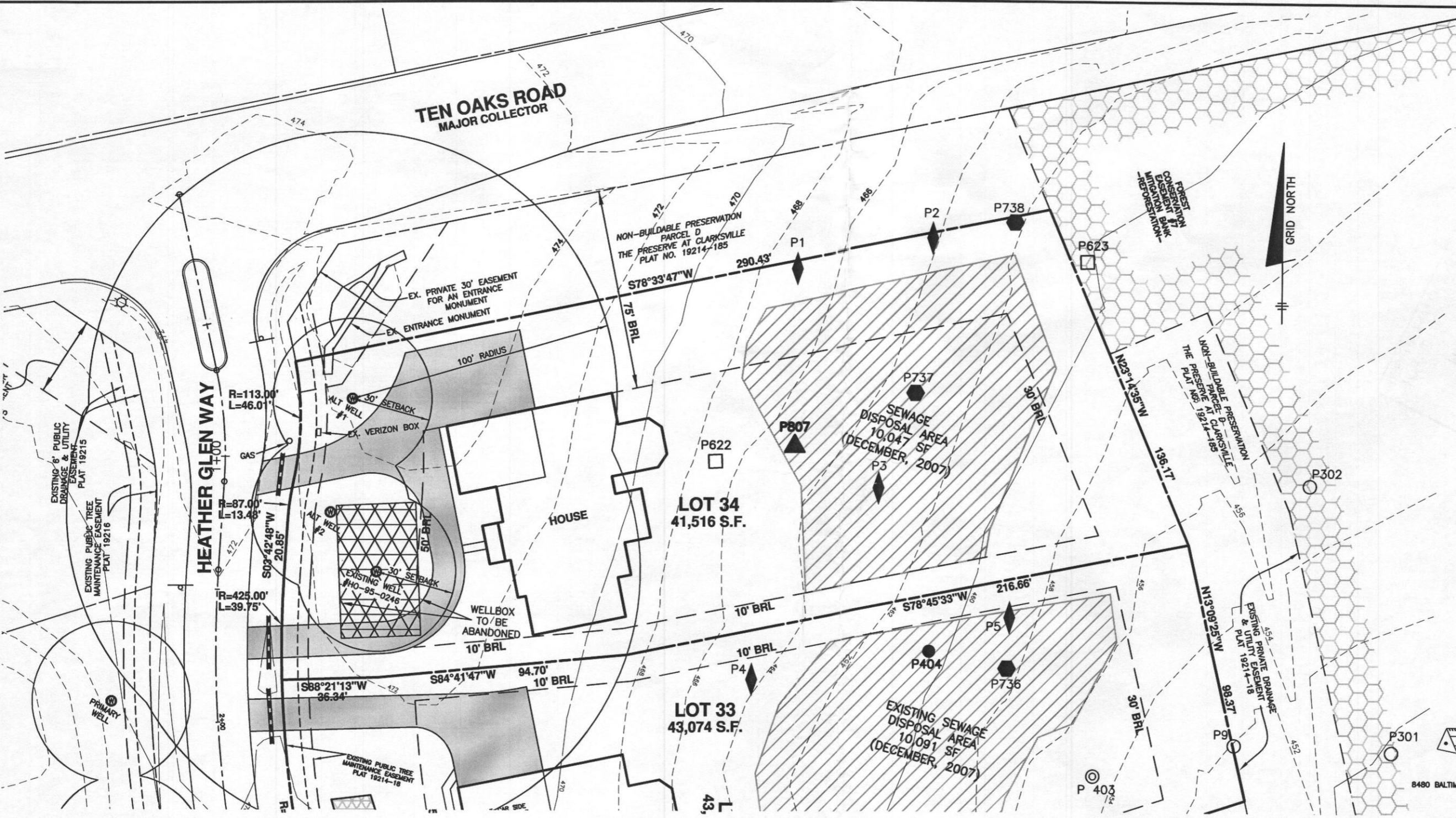
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

David Thompson 4/1/15
 HEALTH OFFICER, HO. CO. HEALTH DEPT. DATE

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

David Thompson 3/30/2015
 DAVID THOMPSON
 PLAN PREPARER

THE PRESERVE AT CLARKSVILLE LOT 34	
6203 HEATHER GLEN WAY TAX MAP: 33 / GRID: 11 / PARCEL: 77 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
REVISED PERCOLATION CERTIFICATION PLAN	
DATE: MARCH 30, 2015	BEI PROJECT NO. 1407-W
SCALE: 1" = 40'	DRAWING 1 OF 1



- ◆ PASSED TEST HOLE TESTED NOV-DEC 2001
- PASSED TEST HOLE TESTED APRIL/ MAY 2003
- FAILED TEST HOLE TESTED APRIL/MAY 2003
- FAILED TEST HOLE TESTED JANUARY/FEB 2004
- ⬢ PASSED TEST HOLE TESTED JUNE 2004
- ▲ PASSED TEST HOLE TESTED AUGUST 2004
- ⊙ WELL LOCATION
- ▨ 1,500 SF WELL BOX

BENCHMARK
ENGINEERS • LAND SURVEYORS • PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE & SUITE 315 • ELLICOTT CITY, MARYLAND 21043
(P) 410-465-6105 (F) 410-465-6644

BUILDER:
WILLIAMSBURG HOMES, INC 5485
HARPERS FARM ROAD SUITE 200
COLUMBIA, MARYLAND 21044
410-997-8800

NOTES:

1. THE TOPOGRAPHY SHOWN ON LOT 34 WAS FIELD SURVEYED BY BENCHMARK ENGINEERING, INC. IN AUGUST, 2014 AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.
2. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
4. ANY CHANGES TO THE PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
5. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE LOT BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
6. THE EXISTING WELL ON THIS LOT (TAG NO. HO-95-0246) HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

David Thomson
HEALTH OFFICER, HO. CO. HEALTH DEPT. DATE 4/1/15

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

David Thomson
DAVID THOMPSON
PLAN PREPARER 3/30/2015

THE PRESERVE AT CLARKSVILLE LOT 34	
6203 HEATHER GLEN WAY TAX MAP: 33 / GRID: 11 / PARCEL: 77 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
REVISED PERCOLATION CERTIFICATION PLAN	
DATE: MARCH 30, 2015	BEI PROJECT NO. 1407-W
SCALE: 1" = 40'	DRAWING 1 OF 1