

APPLICATION

PERCOLATION TESTING

A _____

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. _____

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

COUNTY #

SOIL PROFILE

0' (720)
 Red Br Cl Loam
 4.5' Red Br Si Cl Loam
 Trace Rock
 5'-5.5' Mixture of Red Br Si Loam and Beige Sa Loam
 Trace Rock
 6' Med Br Sa Loam
 15-20% Rock and Saprolite
 13.5' Dry

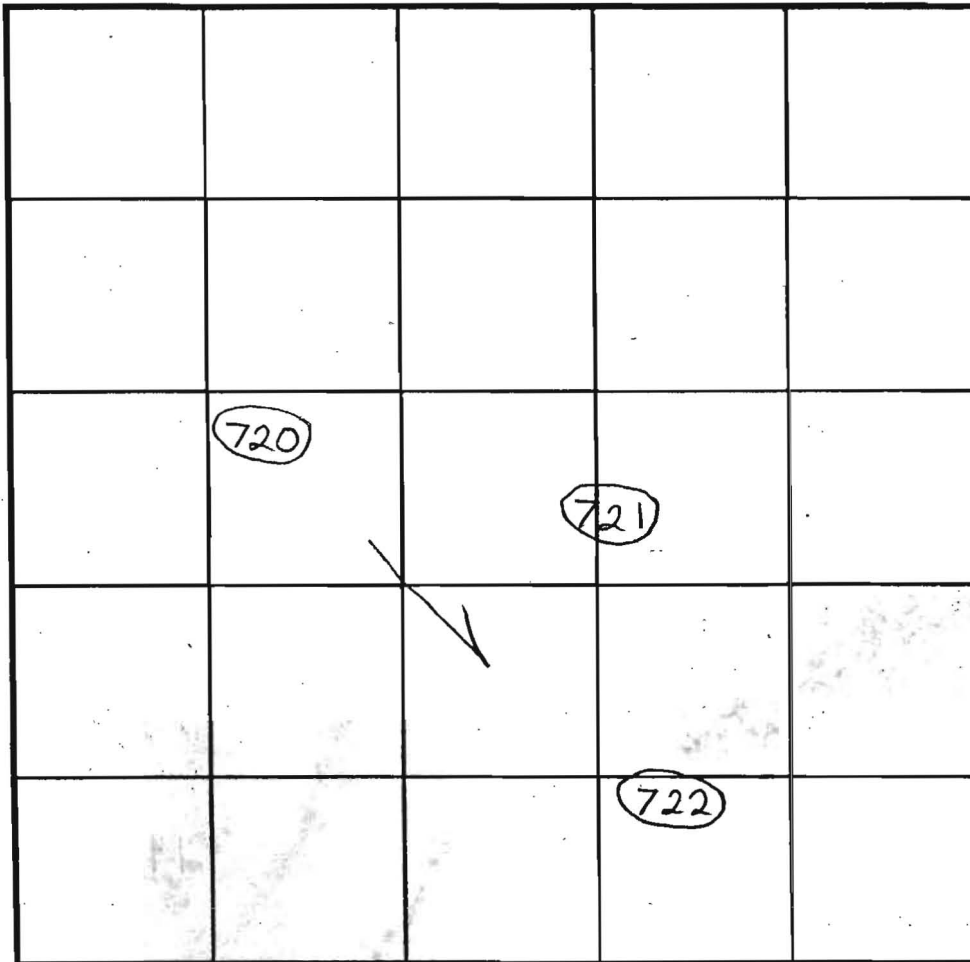
(721)

Red Br Cl Loam and Si Cl Loam
 Trace Rock
 4'-5' Med Br Si Loam
 Trace Rock
 Rock

13.5' Water Seepage
 14' Water

(722)

Red Br Cl Loam
 Trace Rock
 5'-5.5' Mixture of Med Br Si Loam and Beige Sa Loam
 Trace Rock
 12.5' Water Seepage
 14' Water



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/2/2004	720	5.5'/13.5'	2:51:30	2:54	2:54	2:58:30	3 1/2	O.K.
	721	4.5'/14'	3:06	3:13:30	3:13:30	3:30	16 1/2	O.K.
	722	5'8"/14'	3:23	3:30	3:30	3:41	11	Marg.
Trim Easement Near 722 ←								

REMARKS Hole 722 Open for Close to 1 Hour

TYPE OF SOIL _____

TESTED BY B. Baker ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

DISTRICT 5TH

DATE 2/9/01

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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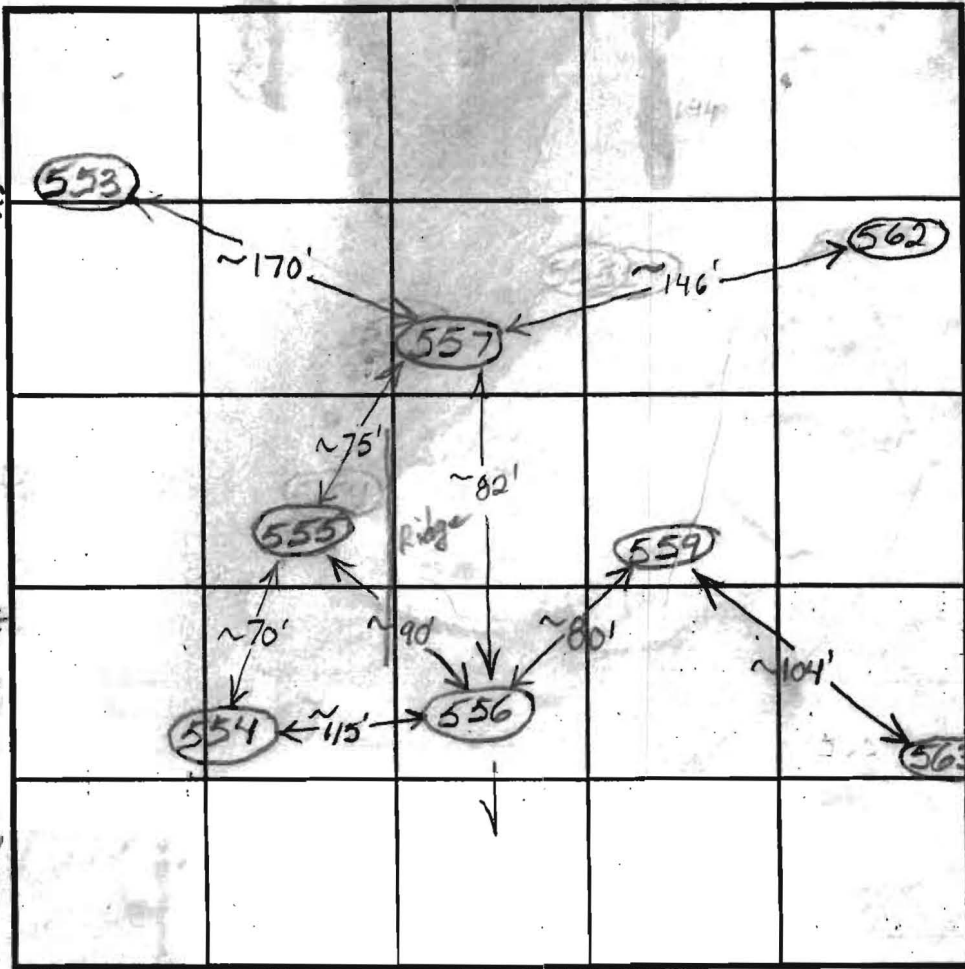
COUNTY #

SOIL PROFILE

0' (559)
 Red Br Heavy Loam
 4.5'
 Red Br Loam, Very Little Rock
 5.5'
 Red Br Si Loam and Beige Sa Loam - Trace Rock
 8'
 Med Br Sa Loam ~20% Saprolite
 9.5'
 Caving Water
 10.5'

(556)
 Red Br Heavy Loam
 4.5'
 Red Br Si Loam and Or Br Sa Loam ~10% Rock
 6'
 Beige Sa Loam ~25% Saprolite
 10.5'
 Caving Water
 11.5'

(557)
 Red Br Heavy Loam
 3.5'
 Red Br Si Loam Very Little Rock
 6'
 Beige Si Loam Getting Sandier With Depth ~25% Saprolite
 12.5'
 Water



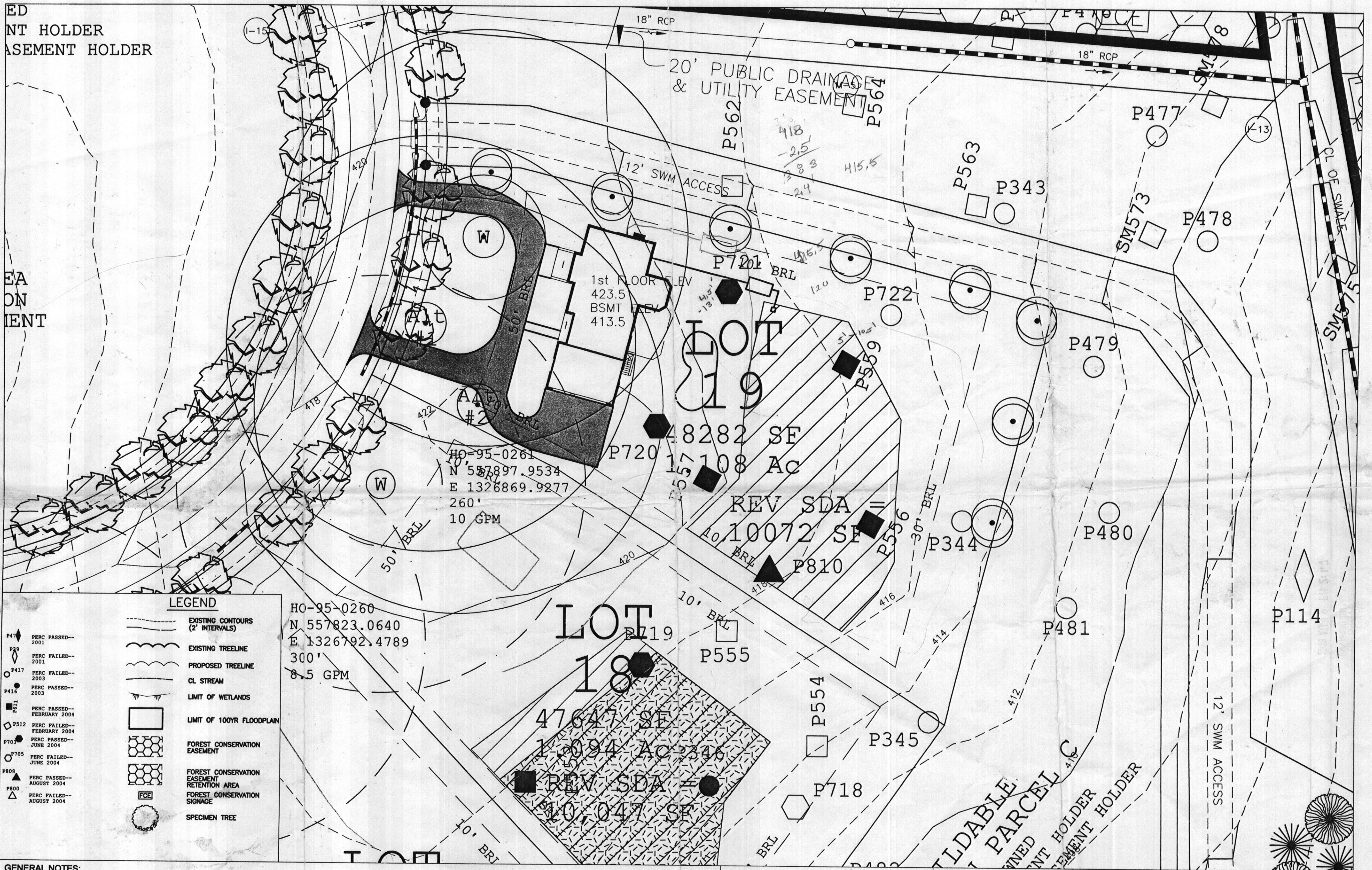
SOIL PROFILE

0' (555)
 Red Br Heavy Loam ~10% Rock
 5.5'-6'
 Red Br Si Cl Loam ~10% Rock
 6-7'
 Or Br Si Cl Loam ~10% Rock
 9'
 Med Br Sa Loam ~25% Saprolite
 14.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1/16/04	559	5' / 10.5'	2:22	2:23:45	2:23:45	2:26:45	3	O.K.
		7.5'	2:18	2:21:15	2:21:15	2:25:45	4 1/2	
	556	5.5' / 11.5'	2:43	2:49	2:49	3:01	12	O.K.
		6.5'	2:37	2:45	2:45	2:53	8	
	557	6' 4" / 12.5'	3:00:15	3:25	~ 1/2" in 20 minutes		Slow	Marg.
		7'	2:59	3:06	3:06	3:18:30	12 1/2	
	555	8.5' / 14.5'	3:25	~ 1/4" in 15 minutes		Slow	(F)	
	555							

REMARKS: Hole 557 Doesn't Have a Passing Rate That Is
 TYPE OF SOIL: Shallow Enough To Be Used With Nearby Holes
 TESTED BY: B. Baker ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



GENERAL NOTES:

- THIS AREA [diagonal hatching] DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
- THIS AREA [dotted hatching] IS ABANDONED.
- THIS AREA [cross-hatching] IDENTIFIES WELL REPLACEMENT AREA ASSESSMENT.
- TOPOGRAPHY SHOWN IS TWO-FOOT CONTOUR INTERVALS AND HAS BEEN FIELD VERIFIED OR FIELD RUN.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WITHIN 200' DOWNGRADIENT OF EXISTING OR PROPOSED SEPTIC OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN USING ALL REASONABLE EFFORTS.
- THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT # 18214 ET. SEQ. REFER TO PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS, ANY RESTRICTIONS, AND PROVISIONS.
- THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY A PROFESSIONAL HAND SURVEYOR AND ARE ACCURATELY SHOWN.

SITE SPECIFIC NOTES

- B009001395 Plot Plan Lot # 19
- ALL DRIVEWAY CULVERTS ARE TO BE 15" RCP OR HDPE
- ANY WELL DRILLED WITHIN 10' OF DRIVEWAY TO BE PROTECTED WITH TWO BOLLARDS.
- PAVING SPECIFICATIONS: 2" ASPHALT OVER 4" CR-6 OR 2.5" ASPHALT OVER 1.5" OVERLAY

PROPOSED ELEVATIONS:

TOP OF BASEMENT SLAB:	413.5
TOP OF FOUNDATION WALL:	422.2
TOP OF FIRST SUBFLOOR:	423.5
INVERT OUT OF HOUSE:	416.5
INVERT INTO TANK:	416.0
INVERT OUT OF TANK:	415.5
INVERT INTO DISTRIBUTION BOX:	414.5

GRADE AT HOUSE INVERT:	419.0
GRADE AT SEPTIC TANK:	418.7
GRADE AT DISTRIBUTION BOX:	418.2
GRADE AT TRENCHES:	418.0

APPROVED FOR PRIVATE WATER AND PRIVATE/PUBLIC SEWAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY.

Peter Bollensohn 8/20/2009
 Peter Bollensohn, M.D., M.P.H.
 HOWARD COUNTY HEALTH OFFICER

I certify that the information shown hereon is based on field work performed under my direct supervision and is correct, to the best of my knowledge and belief.

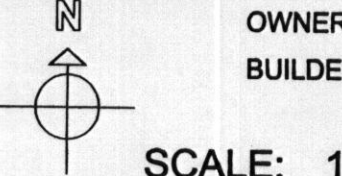
Dale Thompson 19 Aug 2009
 Dale Thompson
 DATE

SEPTIC DESIGN PARAMETERS:

1st Floor Sq. Ft.	2990 sq.ft.
2nd Floor Sq. Ft.	2710 sq.ft.
Basement Sq. Ft.	2990 sq.ft.
Number of Bedrooms	6

TAGGED WELL DATA

TAG NUMBER: HO-95-0262
 NORTHING: 558016.5313
 EASTING: 1326919.3990

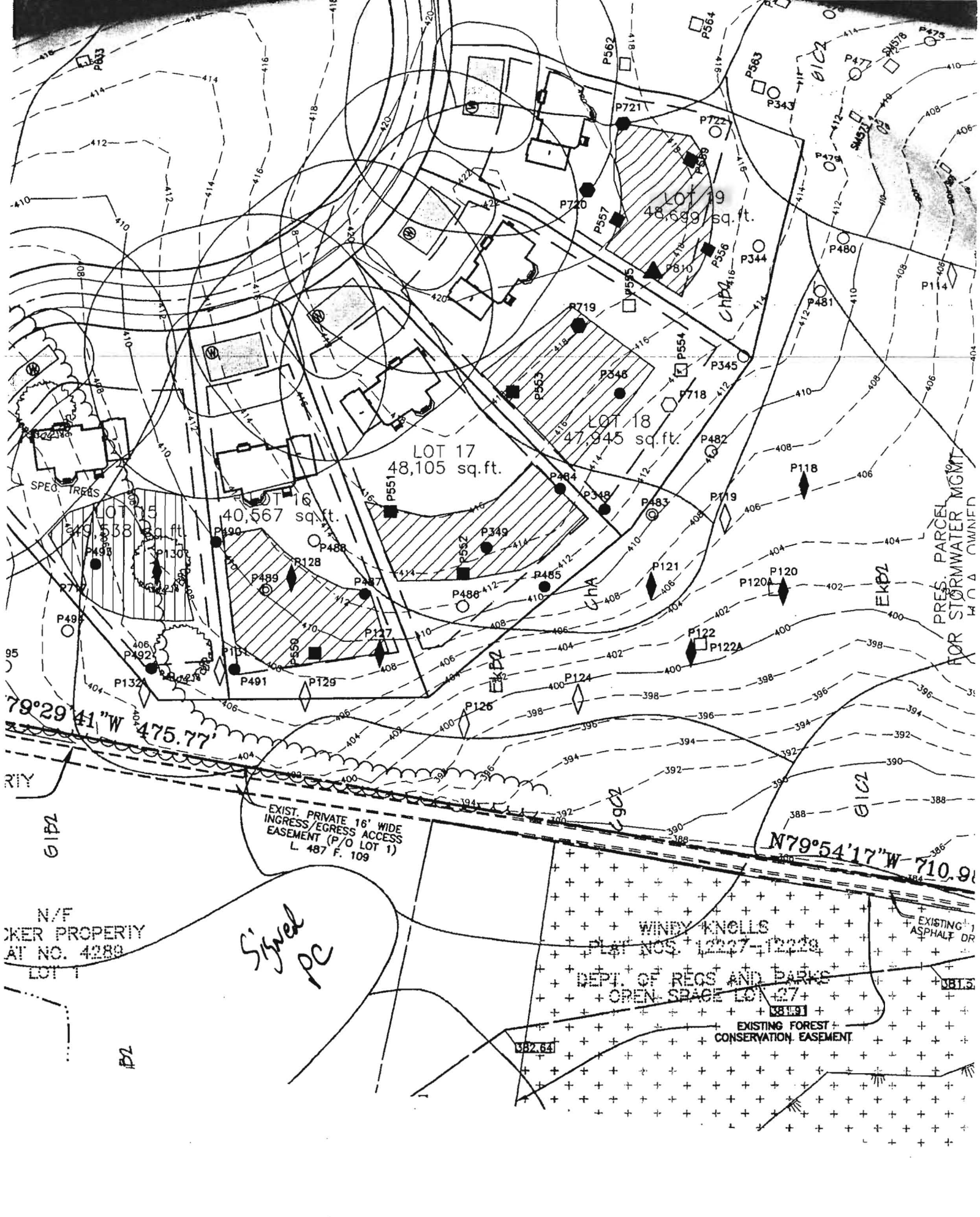


OWNER: Mr/Mrs Patel
BUILDER: Compass Homes
 6206 Heather Glen Way
 Clarksville, MD 21029

PROJECT NAME: Patel Residence
 PC-19
 PRESERVE @ CLARKSVILLE
 CLARKSVILLE
 HOWARD COUNTY
 MARYLAND

TITLE: PLOT PLAN LOT 19 AND REVISED PERCOLATION CERTIFICATION PLAN

PURPOSE: ESTABLISH TWO ALTERNATE WELL SITES IN LIEU OF WELL BOX



PLAN VIEW

N/F
 OWNER PROPERTY
 AT NO. 4289
 LOT 1

Signal PC

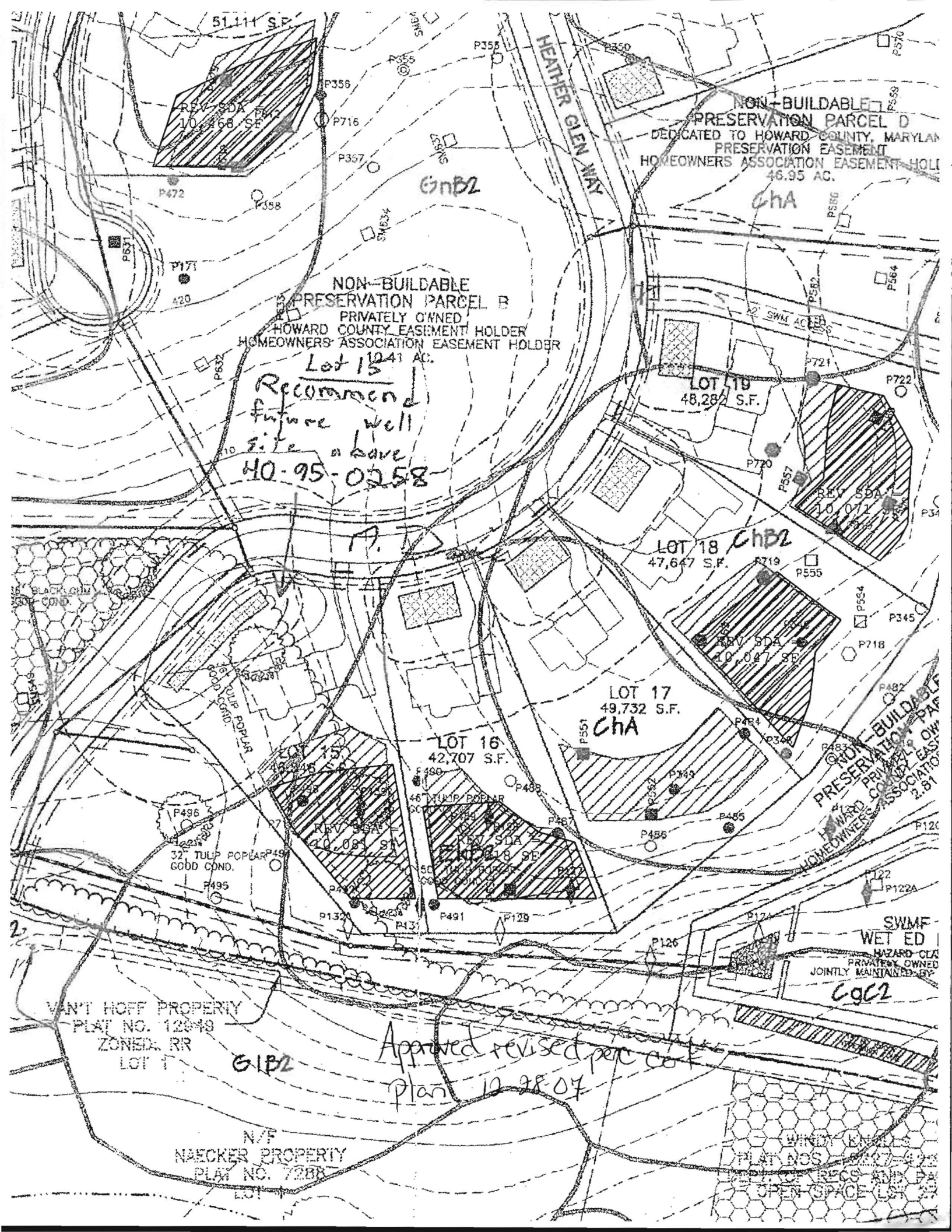
WINDY KNOLLS
 DEPT. OF RECS AND PARKS
 OPEN SPACE LOT 27
 EXISTING FOREST
 CONSERVATION EASEMENT

EXISTING ASPHALT DR

UBT. 3

UBT. 64

UBT. 19



NON-BUILDABLE PRESERVATION PARCEL B PRIVATELY OWNED HOWARD COUNTY EASEMENT HOLDER HOMEOWNERS ASSOCIATION EASEMENT HOLDER Lot 15 41 AC.

Recommend future well site above HO-95-0258

NON-BUILDABLE PRESERVATION PARCEL D DEDICATED TO HOWARD COUNTY, MARYLAND PRESERVATION EASEMENT HOMEOWNERS ASSOCIATION EASEMENT HOLL 46.95 AC.

LOT 19 48,287 S.F.

LOT 18 ChB2 47,647 S.F.

LOT 17 49,732 S.F. ChA

LOT 16 42,707 S.F.

WANT HOFF PROPERTY PLAT NO. 12049 ZONED RR LOT 1

N/F NAECKER PROPERTY PLAT NO. 7288

Approved revised per csk Plan 10 2807

SWMF WET ED HAZARD CLAS PRIVATELY OWNED JOINTLY MAINTAINED BY C-902

WANT HOFF PROPERTY PLAT NOS. 12049-12052 ZONED RR AND PA OPEN SPACE LOT 1

PRESERVATION PARCEL B
PRIVATELY OWNED
HOWARD COUNTY EASEMENT HOLDER
HOMEOWNERS ASSOCIATION EASEMENT HOLDER

Lot 15
10.42 AC.

Recommended Future
will site above
HO-95-0258

14

15

16

18

LOT 19
48,287 S.F.

LOT 17
49,732 S.F.
Cha

LOT 18
47,847 S.F.
hb2

NON-BUILDABLE PARCEL C
PRIVATELY OWNED EASEMENT HOLDER
PRESERVATION PARCEL C
HOWARD COUNTY EASEMENT HOLDER
2.81 AC.
EKB2

NON-BUILDABLE
PRESERVATION PARCEL F
DEDICATED TO HOMEOWNERS ASSOC
PRESERVATION MANAGEMENT EASEM
PUBLIC STORMWATER MANAGEMENT EASI
HOWARD COUNTY EASEMENT HOLDE
4.21 AC.
G1C2

SWMF #1
WET ED FOND
HAZARD CLASS 'A'
PRIVATELY OWNED BY HO-95-00-
JOINTLY MAINTAINED BY HOA & HO-95-00-

G9C2

G1C2

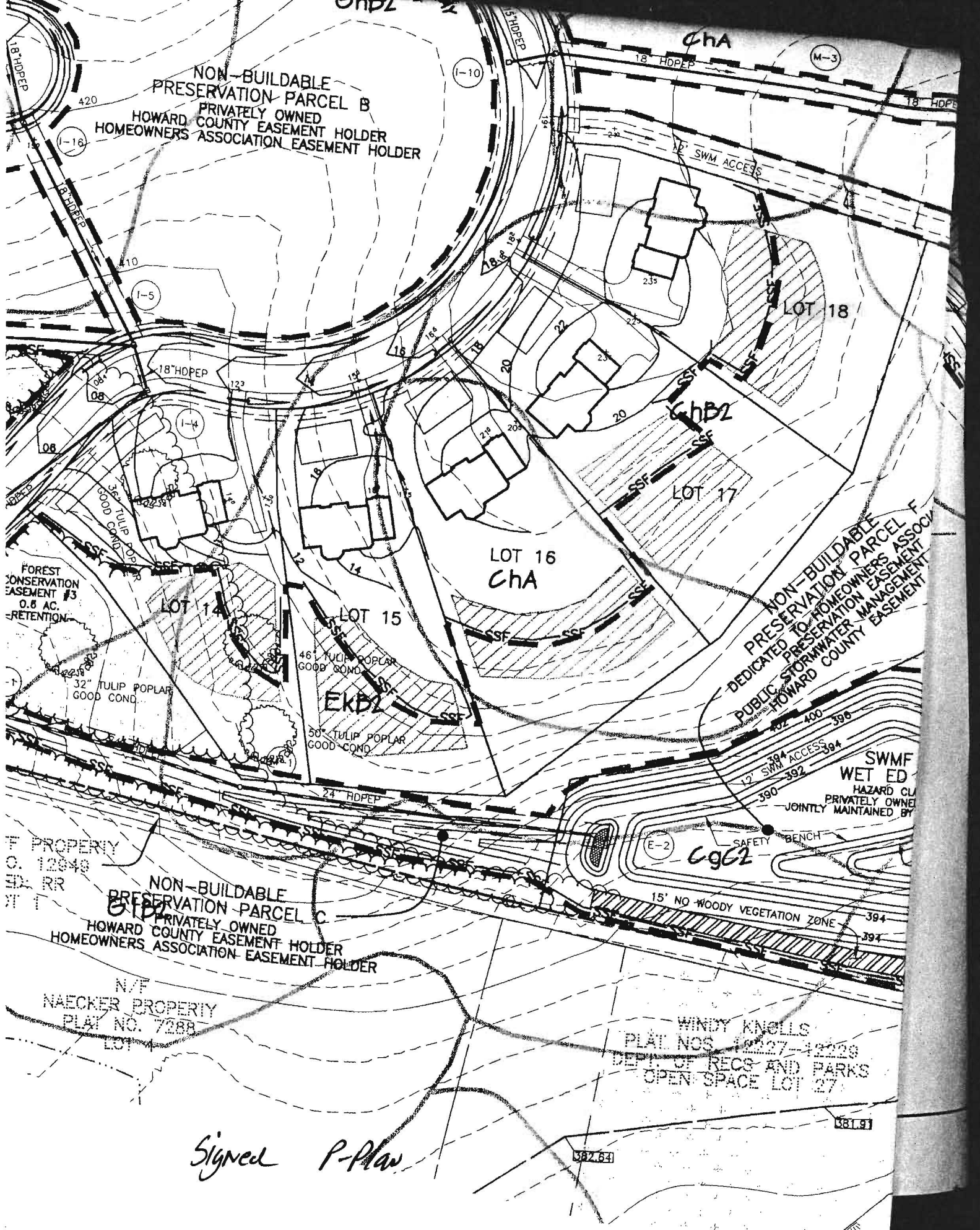
G1B2

WANT HOFF PROPERTY
PLAN NO. 12849
ZONED RR
LOT 1

NAECKER PROPERTY
PLAN NO. 7288
LOT 1

WINDMILLS
PLANS 1207 & 2950
OPEN SPACE
EXISTING TO ASPHALT DRIVE





NON-BUILDABLE
PRESERVATION PARCEL B
PRIVATELY OWNED
HOWARD COUNTY EASEMENT HOLDER
HOMEOWNERS ASSOCIATION EASEMENT HOLDER

NON-BUILDABLE
PRESERVATION PARCEL F
DEDICATED TO HOMEOWNERS ASSOCIATION
PRESERVATION EASEMENT
PUBLIC STORMWATER MANAGEMENT
HOWARD COUNTY EASEMENT

FOREST
CONSERVATION
EASEMENT #3
0.8 AC.
RETENTION

PROPERTY
C. 12040
RR
T

NON-BUILDABLE
PRESERVATION PARCEL C
PRIVATELY OWNED
HOWARD COUNTY EASEMENT HOLDER
HOMEOWNERS ASSOCIATION EASEMENT HOLDER

N/F
NAECKER PROPERTY
PLAT NO. 728B
LOT 1

WINDY KNOLLS
PLAT NOS. 12227-12229
DEPT. OF RECS AND PARKS
OPEN SPACE LOT 27

Signed P-Plan

PLAN VIEW
SCALE: 1" = 10'

381.91

382.64