

5/24
10.00

APPLICATION

PERCOLATION TESTING

A 515015

P _____

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

establish SRA
to serve ex recorded
lot

DISTRICT _____

DATE 3/29/2001

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 CHARLES COPE

ADDRESS 620 COVENTRY ROAD, TOWSON PHONE _____

AGENT OR PROSPECTIVE BUYER CRAIG LONG

ADDRESS 4905 BRIMHOPE LANE, ELLICOTT CITY PHONE 301-763-8000 EXT. 7557
2045

PROPERTY LOCATION:

SUBDIVISION ROVER MILL ESTATES LOT NO. 27

ROAD AND DESCRIPTION SW CORNER TALL SHIPS DR & DANMARK DR.

TAX MAP 15 PARCEL # 233

SIZE OF LOT 2.405 TYPE BLDG. ☒ SINGLE FAMILY
(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. [Signature] (SHANBERGER & LANE)
(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' (41)
Red Br
Cl Loam

2' Light
Br Sa
Loam

7.5' ~15%
Rock
Average

12.5'

(42)

Red Br
SiCl Loam

3' Light
Yellow Br
Sa Loam

~10%
Rock

7' Rotten
Rock

10.5' ~40%
Rock

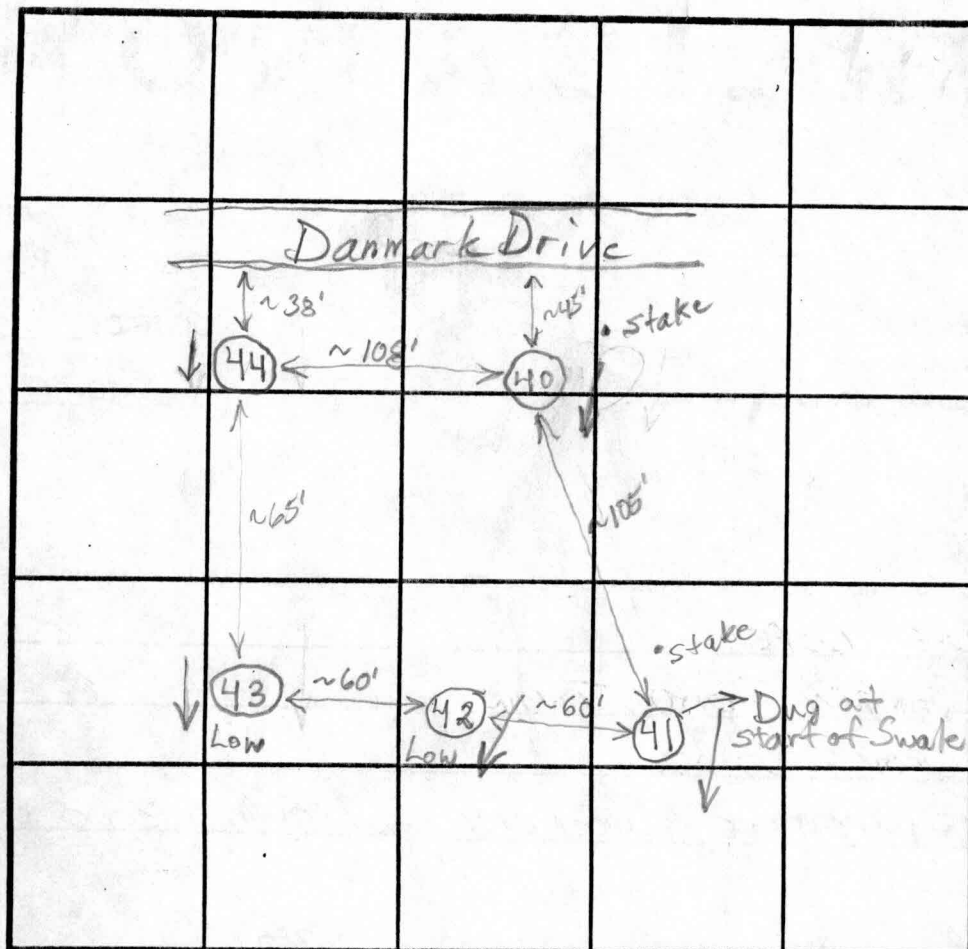
12' Hard Bottom

(43)

Red Br
SaCl Loam

3' Light
Red Br
Sa Loam

13' Hard
Bottom



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' (44)
Or Br
Cl Loam

3' Light
Br Sa
Loam

10-15%
Rock

13' (40)
Red Br
SaCl Loam

2.5' Light Or
Br Sa Loam

10-15%
Rock

12.5'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/3/01	41	39" / 12.5'	10:10	10:12	10:12	10:16	3
	42	4' / 12' V	10:23	10:26:30	10:26:30	10:32	5 1/2
	43	4' / 13' V	10:34	10:37	10:37	10:44	7
	44	13' V	See Profile		→		OK
	40	4' / 12.5' V	10:50	10:54	10:54	11:01	7

REMARKS Holes 40-44 are O.K. for a shallow trench system.

TYPE OF SOIL _____

TESTED BY B. BakerALSO PRESENT K+K, Craig Long, Charles Cape, RonTRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 6 minTRENCH WIDTH 3'INLET DEPTH 2.5'MAXIMUM BOTTOM DEPTH 4.5'SQ. FT./BEDROOM 180

NOTES:

1. TOPOGRAPHY SHOWN HEREON WAS TAKEN FROM HOWARD COUNTY 1"=200' AERIAL PHOTOGRAMMETRY AND SHOULD BE FIELD VERIFIED PRIOR TO EXCAVATION.
2. THIS AREA DESIGNATES A PROPOSED PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MD. STATE DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY. THERE IS A 10,000 S.F. MINIMUM RESTRICTION ON THE SEWAGE EASEMENT.
3. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT PER PLAT #4142 & 3815.
4. DESIGNATES APPROVED PERC TEST
 DESIGNATES LIMIT OF SOIL TYPE
5. ALL WELL & SEPTIC AREAS WITHIN 100' OF THE PROPERTY HAVE BEEN SHOWN.
6. PROPOSED WELL
7. DRAINAGE AREA: MIDDLE PATUXENT RIVER
8. 531.66 DESIGNATES FIELD-RUN ELEVATION

APPROVED FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Dina M. [Signature] 6/24/01
COUNTY HEALTH OFFICER BB DATE

390' TO NEAREST CORNER S.D.A.

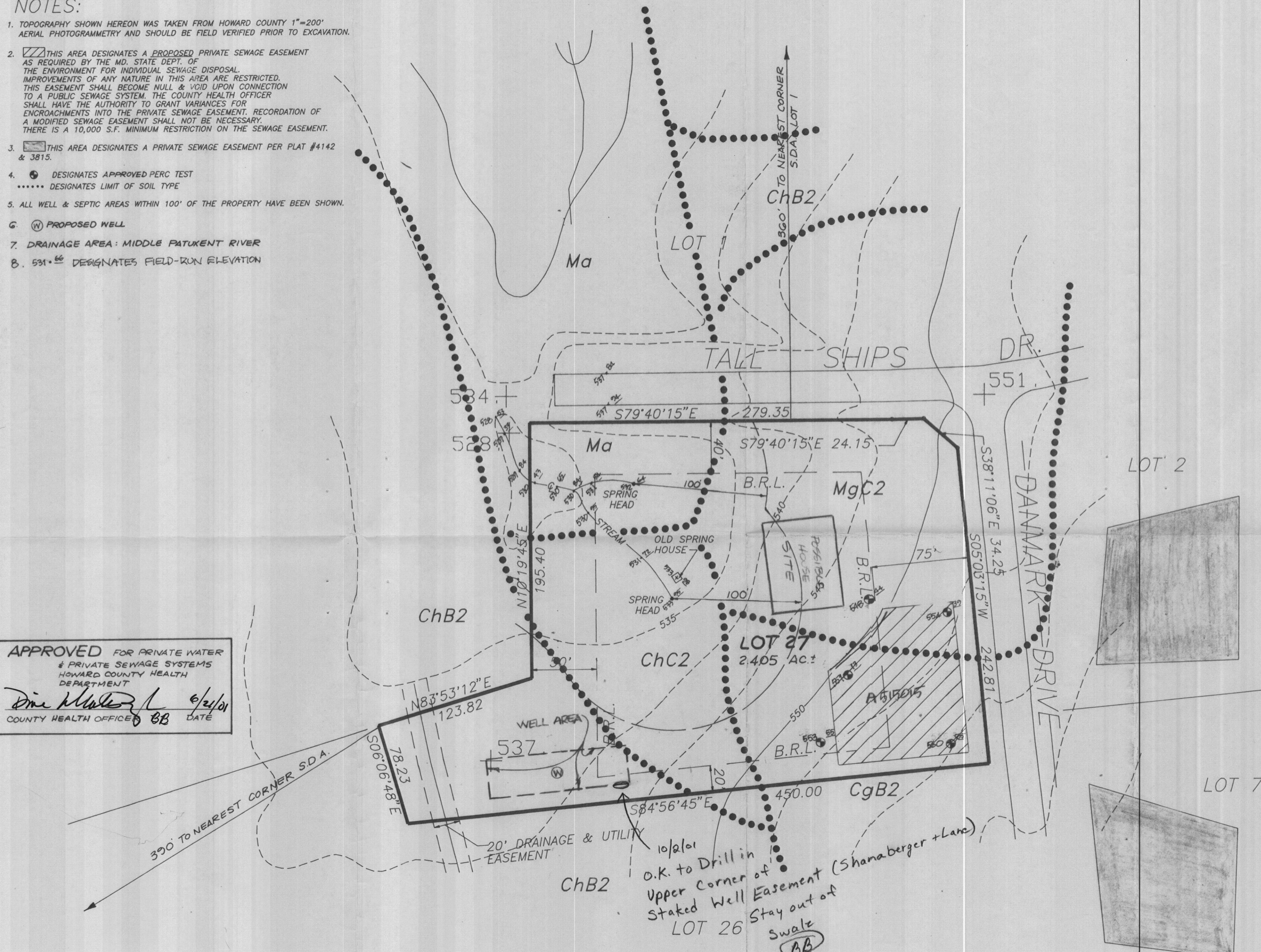
PERC CERTIFICATION

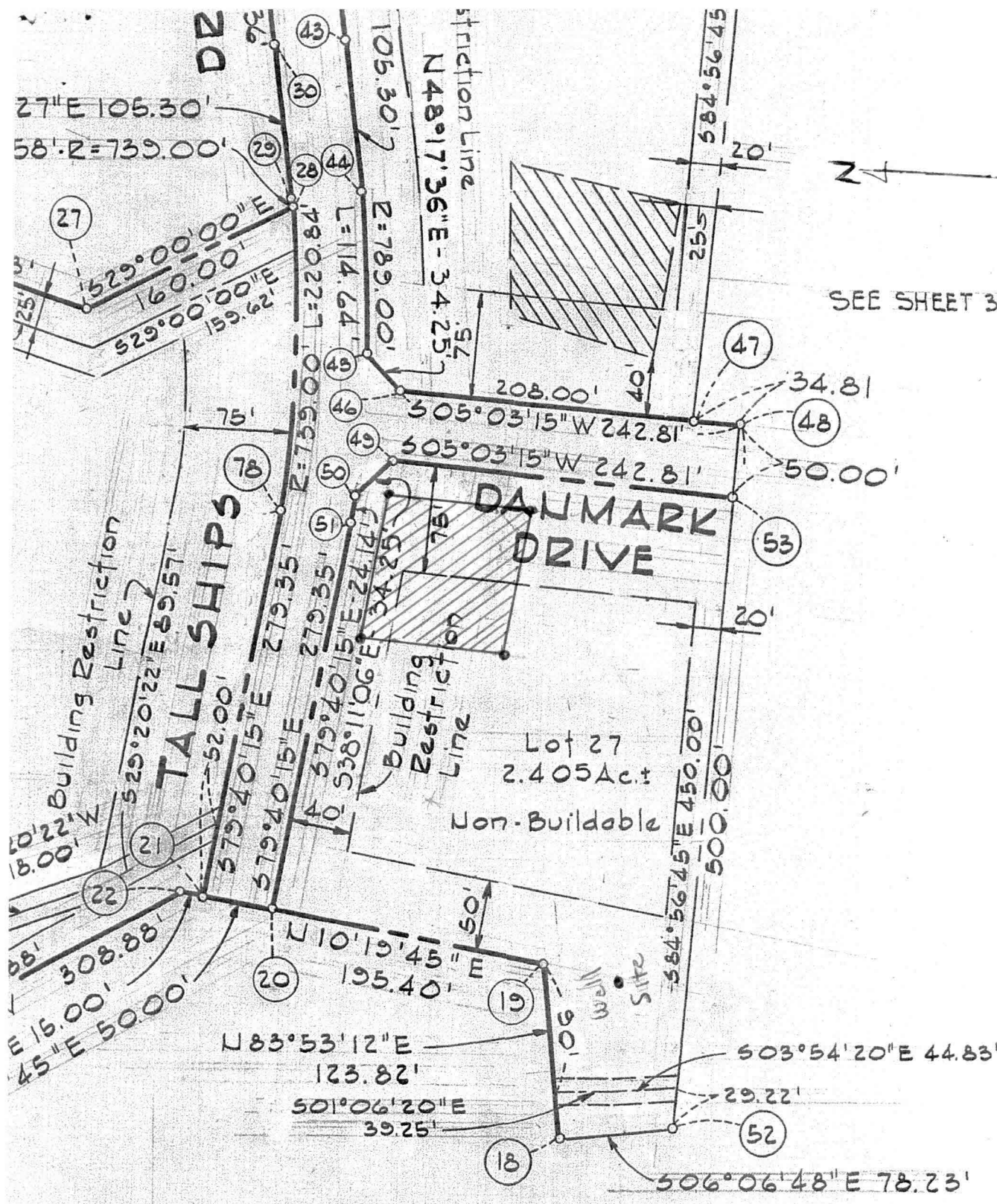
I CERTIFY THAT THE LOCATIONS SHOWN (●) HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE & BELIEF.

G. Scott Shanaberger
G. SCOTT SHANABERGER
DATE 5/30/01

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLCOTT CITY, MD. 21043
PHONE: 410-461-9563
FAX: 410-461-9693

FIELD-LOCATED
PERC-TEST PLAT
LOT 27
REVISED PLAT OF LOTS
1 THROUGH 6, 27 AND 28
ROVER MILL ESTATES
(PLAT #4142)
4TH ELECTION DIST. HOWARD COUNTY, MD
SCALE: 1"=50' MARCH 27, 2001
REV. 6/20/01 REV. 5/27/01
F:\ACADWIN\0113PRC.DWG A515015





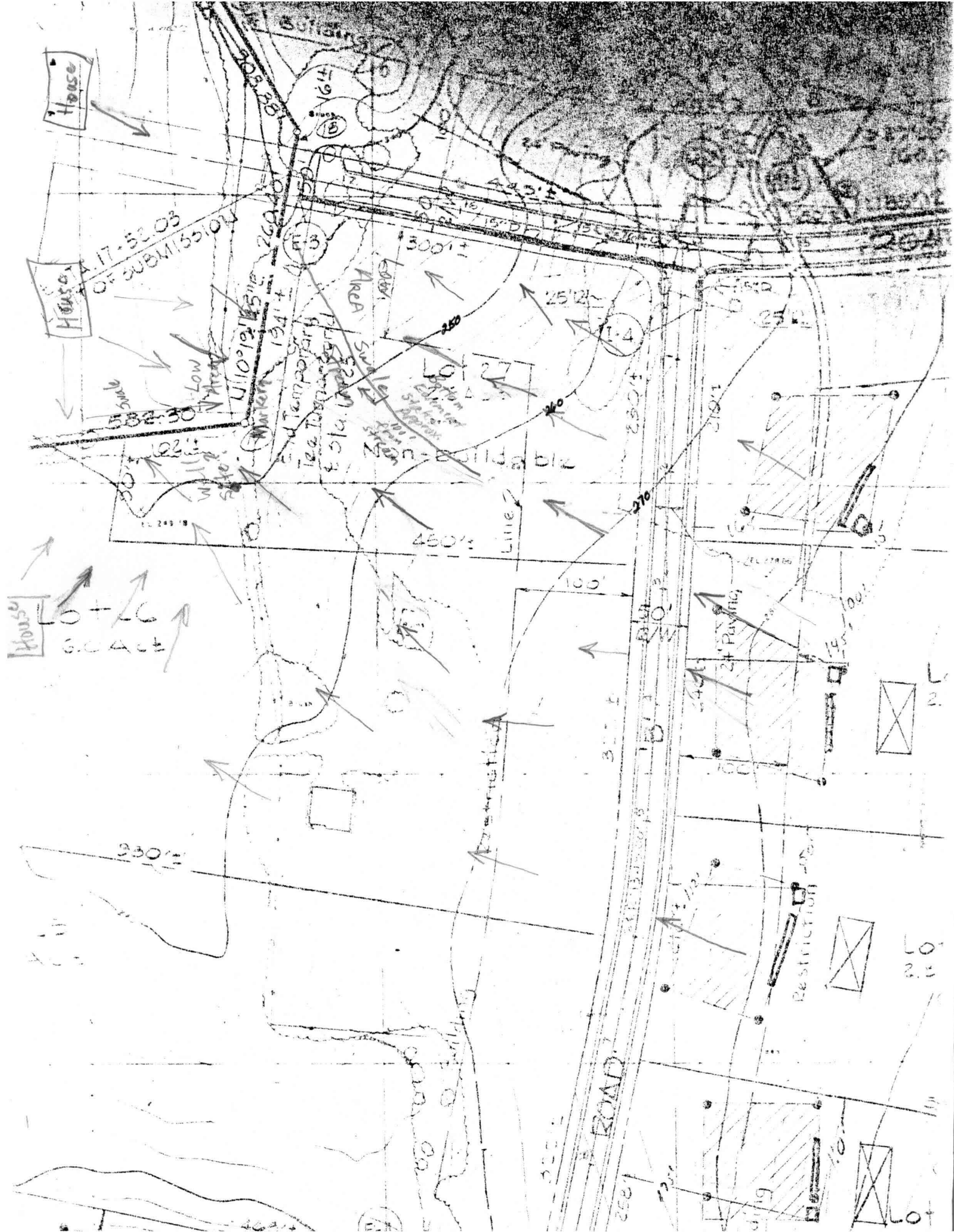
PURDUM & JESCHKE
 Consulting Engineers And
 Land Surveyors
 1023 U. Calvert Street
 Baltimore, Maryland 21202

RECORDED PLAT 3814
 ON 9/29/77 AMONG THE LAND R
 HOWARD COUNTY, MD.

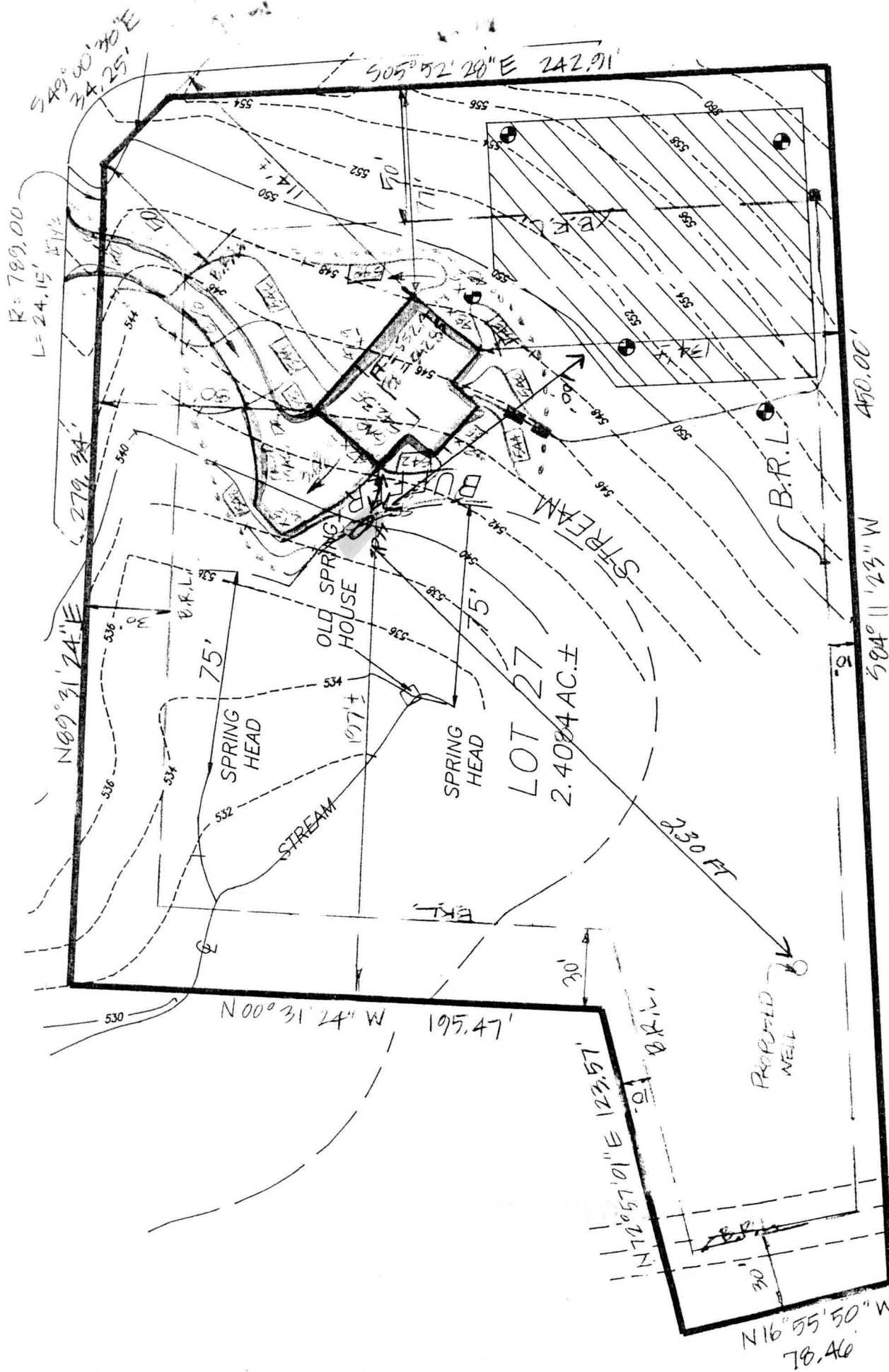
SHEET

SURVEYOR'S CERTIFICATE

DO



—DANMARK—DRIVE



PRIVATE EX.
20' DRAINAGE & UTILITY
EASEMENT

Propane Tank OK KN
100' From SEPTIC 6/5/02
230' From WELL
BP 000136598

5455

DO NOT BE PAID FROM EDGE OF ROAD
ROAD TO BE PAID IN THE USING STANDARDS

FILED IN 2798

GRADED SCHEDULE

5013 0272 123411

NOTES:

- COORDINATES BASED ON NAD 83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATION NOS. 21CA & 15GA
- SUBJECT PROPERTY ZONED "RR-DEO" PER 10/18/93 COMPREHENSIVE ZONING PLAN.
- B.R.L. DESIGNATES BUILDING RESTRICTION LINE
- THE REQUIREMENTS OF § 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF THE MARKERS HAVE BEEN COMPLIED WITH.

G. SCOTT SHANABERGER 1/9/02
DATE

Charles N. Cope 1/9/02
DATE

- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- DESIGNATES IRON PIN & CAP OR IRON PIPE FOUND
● DESIGNATES PERCOLATION TEST LOCATION
- THIS PLAT IS BASED ON A FIELD RUN BOUNDARY SURVEY PERFORMED BY SHANABERGER & LANE IN DECEMBER OF 2001.
- THE AREAS SHOWN HEREON ARE NOT EXACT BUT ARE ROUNDED TO THE NEAREST 1 SQUARE FOOT AND THE NEAREST 0.0001 ACRE.
- STORMWATER MANAGEMENT FOR THIS LOT WAS PROVIDED WITH F-77-148.
- DRIVEWAY SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
A) WIDTH - 12 FEET (14 FEET IF SERVING MORE THAN 1 RESIDENCE)
B) SURFACE - SIX (6) INCHES OF COMPACTED "GRUSHER RUN" BASE WITH A TAR AND CHIP COATING (1-1/2" MINIMUM)
C) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 30-FOOT TURNING RADIUS.
D) STRUCTURES - (CULVERTS AND BRIDGES) CAPABLE OF SUPPORTING TWENTY-FIVE (25) GROSS TONS (H-25 LOADING).
E) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
F) STRUCTURE CLEARANCE - MINIMUM 12 FEET.
G) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- THERE IS AN EXISTING STRUCTURE ON LOT 30 (SPRING HOUSE) TO REMAIN. NO NEW BUILDINGS, ADDITIONS, OR EXTENSIONS ARE TO BE CONSTRUCTED AT A DISTANCE OF LESS THAN THE ZONING REGULATIONS ALLOW.
- THIS PLAT IS EXEMPT FROM THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BECAUSE IT IS A PLAT CORRECTION. NO ADDITIONAL LOTS ARE BEING CREATED.
- THIS PLAT IS EXEMPT FROM LANDSCAPE REQUIREMENTS BECAUSE NO NEW LOTS ARE BEING CREATED.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 S.F. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- THIS PROPERTY IS IN THE "NO PLANNED SERVICE AREA" ON THE MASTER PLAN FOR PUBLIC WATER & SEWER
- THIS PLAT CONFORMS TO THE 5TH EDITION OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.

TABULATION OF FINAL PLAT

- TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED:
BUILDABLE - 1
- TOTAL AREA OF LOTS AND/OR PARCELS
BUILDABLE - 2.4084 ACRES±
- TOTAL AREA OF RIGHT-OF-WAY TO BE RECORDED
INCLUDING WIDENING STRIPS - 0 ACRES ±
- TOTAL AREA OF SUBDIVISION TO BE RECORDED - 2.4084 ACRES±

APPROVED: FOR PRIVATE WATER & PRIVATE
SEWER SYSTEMS HOWARD
COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY
DEPARTMENT OF PLANNING
& ZONING

CHIEF, DEVELOPMENT ENGINEERING DATE
DIVISION

DIRECTOR DATE

OWNER'S CERTIFICATE

WE, CHARLES N. COPE CHARITABLE REMAINDER UNITRUST, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED IN OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY. WITNESS OUR HANDS THIS 9TH DAY OF JANUARY, 2002.

CHARLES N. COPE CHARITABLE
REMAINDER UNITRUST

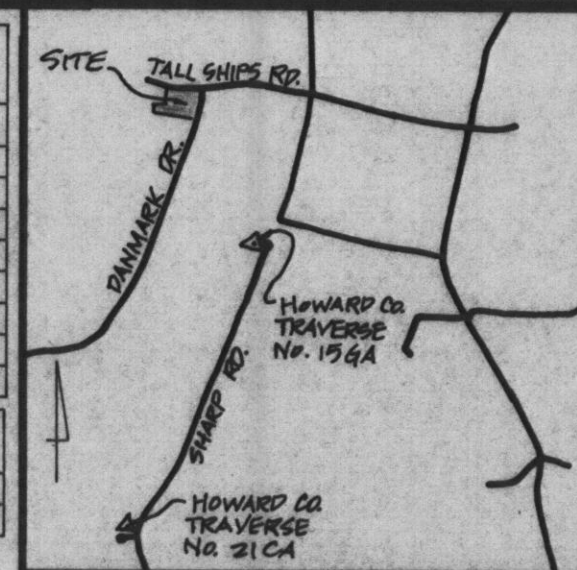
WITNESS DATE

COORDINATES

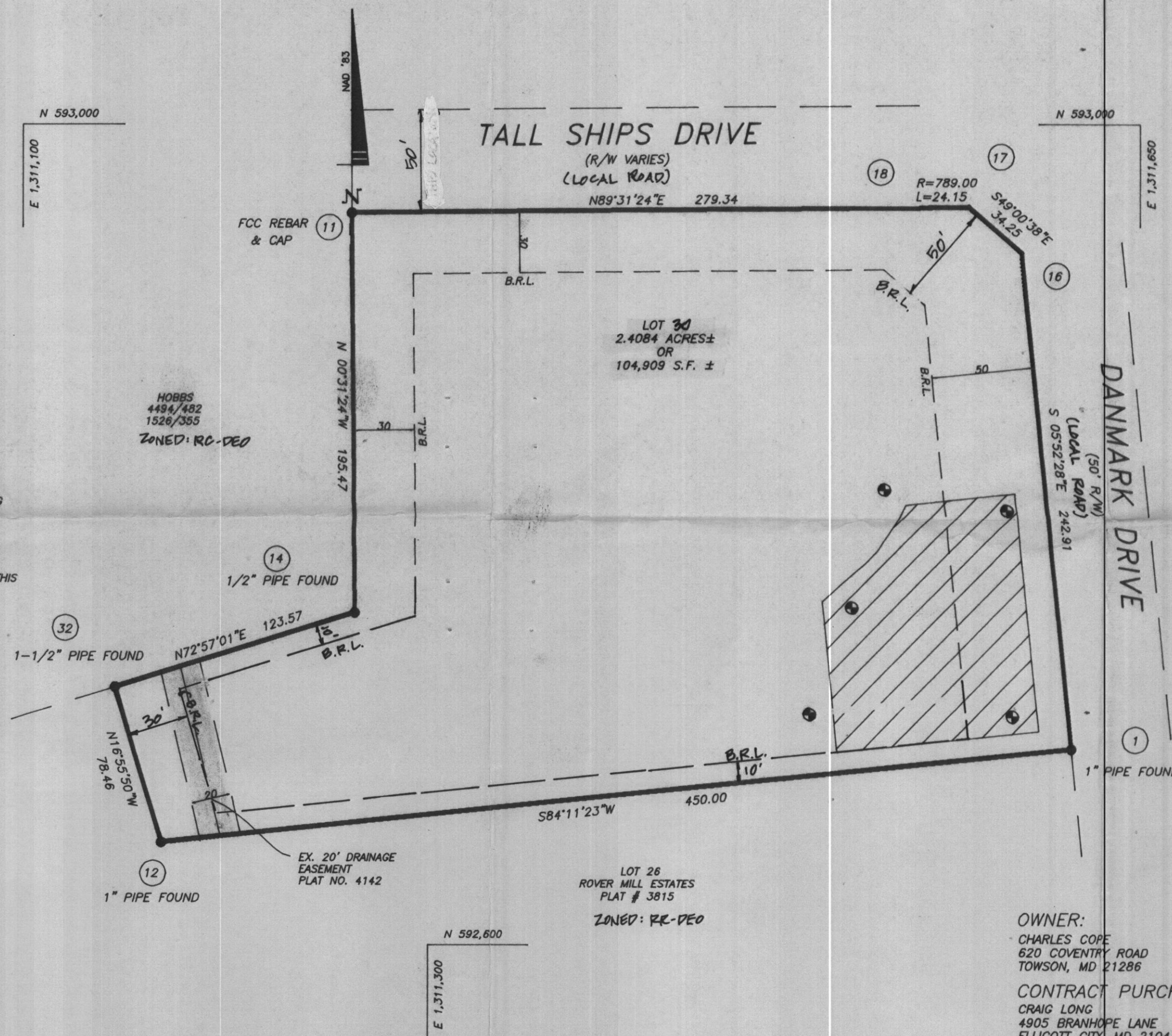
NO.	NORTH (F)	EAST (F)	NORTH (M)	EAST (M)
1	592695.5978	1311616.0783	180653.9795	399781.3802
12	592650.0421	1311168.3946	180640.0941	399644.9260
32	592725.1057	1311145.5447	180662.9735	399637.9613
14	592761.3355	1311263.6809	180674.0164	399673.9699
11	592956.8007	1311261.8952	180733.5943	399673.4290
18	592959.1244	1311541.2249	180734.3026	399758.5649
17	592959.6947	1311563.3656	180734.4764	399765.9290
16	592937.2303	1311591.2174	180727.6299	399773.8026

CURVE DATA

FROM	TO	RADIUS	ARC	DELTA	TAN	CHORD BEARING & DIST.
18	17	789.00'	24.15'	01°45'13"	12.08'	N88°38'48"E 24.15'



VICINITY MAP
SCALE: 1"=2000'



OWNER:

CHARLES COPE
620 COVENTRY ROAD
TOWSON, MD 21286

CONTRACT PURCHASER:
CRAIG LONG
4905 BRANHOPE LANE
ELICOTT CITY, MD 21043

THE PURPOSE OF THIS RESUBDIVISION PLAT IS
TO SHOW FORMER LOT 27 AS A BUILDABLE LOT.

RECORDED AS PLAT # 101
ON 1/9/02 AMONG THE LAND
RECORDS OF HOWARD COUNTY, MD.

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELICOTT CITY, MD 21043
(410) 461-9563

RESUBDIVISION PLAT

LOT 30
ROVER MILL ESTATES

(A RESUBDIVISION OF "REVISED PLAT OF ROVER MILL ESTATES,
LOT 27", RECORDED AS PLAT # 4141 & 4142)

4TH ELECTION DISTRICT, HOWARD COUNTY, MD
TAX MAP 15 BLOCK 13 PARCEL 233

ZONED: RR-DEO
SCALE: 1"=50'
DATE: JANUARY 7, 2001.

PREVIOUS PLANNING AND ZONING FILE NUMBERS: F-77-148

SHEET 1 OF 1

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A RESUBDIVISION OF ALL OF THE LAND CONVEYED BY CHARLES N. COPE TO CHARLES N. COPE CHARITABLE REMAINDER UNITRUST BY DEED DATED MAY 10TH, 2001 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 5485, FOLIO 676, AND THAT ALL MONUMENTS ARE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.

G. SCOTT SHANABERGER
PROFESSIONAL L.S. #10849

DATE