

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

DATE 7/12/82

*approved 7/13/82
Stayed P 32021
A 27565*

03-307468

*#12/82
7/13/82
a. m. please*

INDEX

Olen W. Ketterman

IS PERMITTED TO INSTALL X ALTER

ADDRESS 14960 Frederick Road, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION Heatherwood ROAD 1726 Heatherwood Way LOT 10

PROPERTY OWNER Robert & Elizabeth Houston

ADDRESS 1001 Stormont Circle, Arbutus, Maryland 21227 Phone: 242-3293

SPECIFICATIONS 3+ bedrooms C garbage grinder

SEPTIC TANK CAPACITY 1500 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN

FACING LOT FROM

TRENCHES - System to contain 205 sq. ft. effective absorbent sidewall area per bedroom to being below the first 4 ft. of non-porous soil. Maximum depth permitted for trench bottom is 9 ft. below original grade. Start the first trench 75 ft. from the 265 ft. long lot line and 10 ft. from the 326.26 ft. long lot line and proceed to dig the trench on level ground towards the house site. Start the second trench 10 ft. away from the first trench. Use a distribution box to connect septic tank to trenches. Call for inspection of trench before gravel is installed.

PLANS APPROVED BY Frank Skinner DATE 7/8/82

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM-HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 8 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

BLDG. PERMIT SIGNED AND RETURNED 7/29/82
Serial # 23072 - deeb

2/3/2003 B00140149 MODIFY EX. FOUNDATION ADD SUNROOM

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

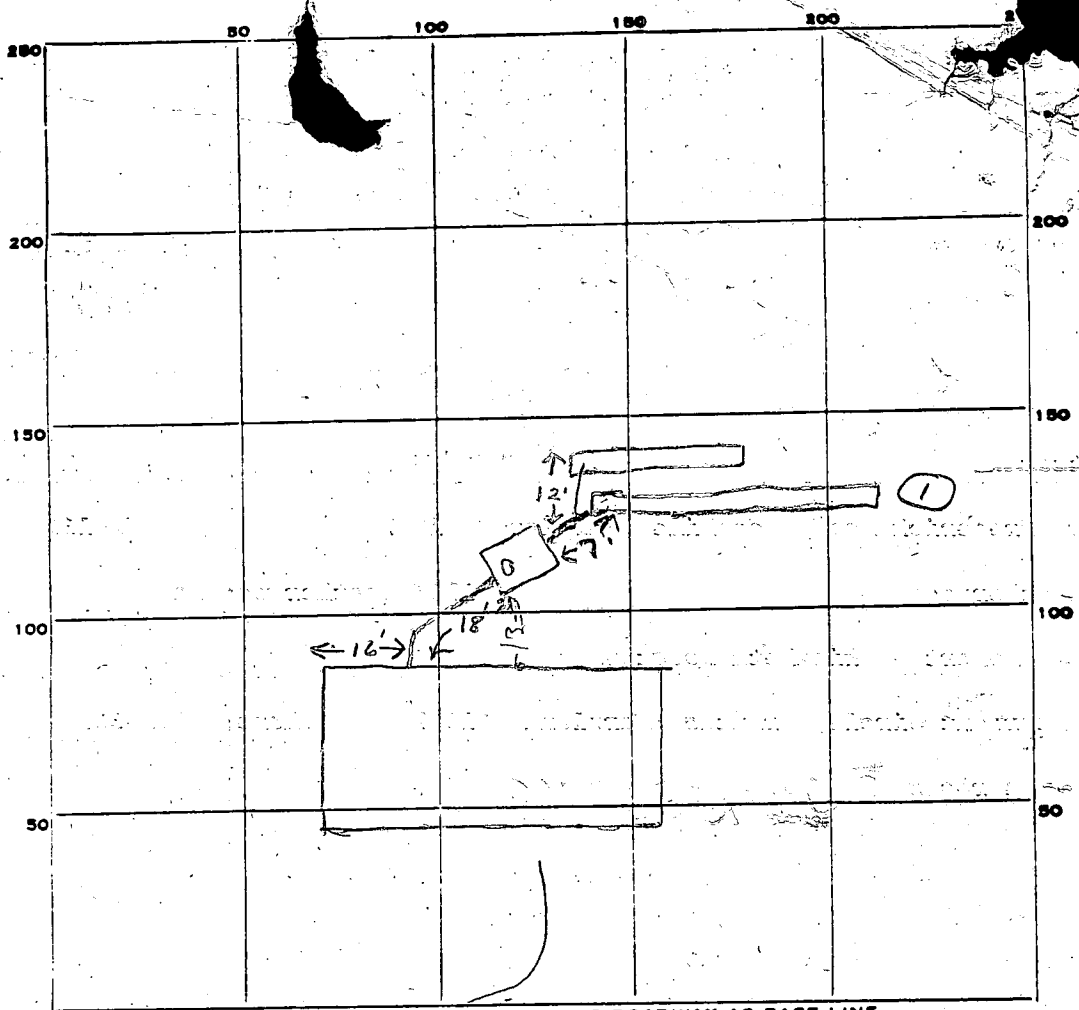
BLDG. PERMIT SIGNED AND RETURNED 4/20/08
Serial # 17784 - Storage Shed

27565

205
 3
 615

400

45 1/2
 225



INDICATE NORTH. NAME ADJOINING ROADWAY AS BASE LINE.
Heatherwood Way

PERMIT CARD

SEPTIC TANK, LEVEL CLEANOUTS 57

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 19 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 IN. TOTAL LENGTH 80 ^① 45 ^② FT. 125
5
625

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 625

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 625 SQ. FT.

REMARKS 7/12/82 OK to add stone in #1 trench. JS

7/13/82 OK to cover #1 trench. JS

7/13/82 OK to add stone in #2 trench. JS

7/13/82 OK to cover all work. JS

DATE SYSTEM APPROVED 7/13/82 INSPECTOR Steyer

APPLICATION

A 27564

Permit

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

RECOMMEND

3 b.R. egan

DISTRICT 3rd

P. O. BOX 478, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

4R7 DRAINFIELD

DATE January 1978

WITH 1 1/2 FT STONE

1500 gal flow Septic tank

OK SW
DRAIN FIELD - 160 SQ. FT. BOTTOM AREA PER BR
3-4 FT DEEP FILLED WITH 1 1/2 FT STONE 2-3 FT
WIDE, KEEP THE DRAIN FIELDS AT LEAST 10 FT APART
& NO DITCH OVER 100 FT IN LENGTH. USE A DISTRIBUTION BOX
START THE DRAIN FIELD AT A POINT 60 FT FROM
THE BACK LINE OF LOT 8 & 30 FT FROM THE
BACK LINE OF LOT 6 RUN THE DITCHES ALONG
TO THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND THE CONTOUR OF THE LAND TOWARD

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT ~~THE SEWAGE DISPOSAL SYSTEM~~ A SEWAGE DISPOSAL SYSTEM.

*LEFT SIDE OF THE LOT AS SEEN WHEN
FACING THE LOT FROM HEATHERWOOD WAY*

PROPERTY OWNER Edward Kasemeyer, Et Al Robert + Elizabeth Houston

ADDRESS c/o Clark Assoc. 9051 Balto. Nat. Pike PHONE 461-1156 242-3298

*Arbutus Maryland 21227
NEW 10*

PROPERTY LOCATION:
SUBDIVISION Heatherwood (Formerly Wilson Property) LOT NO. 10

ROAD AND DESCRIPTION South side Old Frederick Rd.; 4,000'± West of Rte. #32

1726 Heatherwood Way

SIZE OF LOT 3.0± Acres TYPE BLDG. 3 3/2 bath or 4 with garbage grinder
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT Edward J. Kasemeyer BLDG. PERMIT SIGNED AND RETURNED 4/4/82

APPROVED BY Raymond FOR W. J. [Signature] DATE 10/18/79
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3/2/78 - PERC OK HOLD FOR PLAT RM. 3/6/78

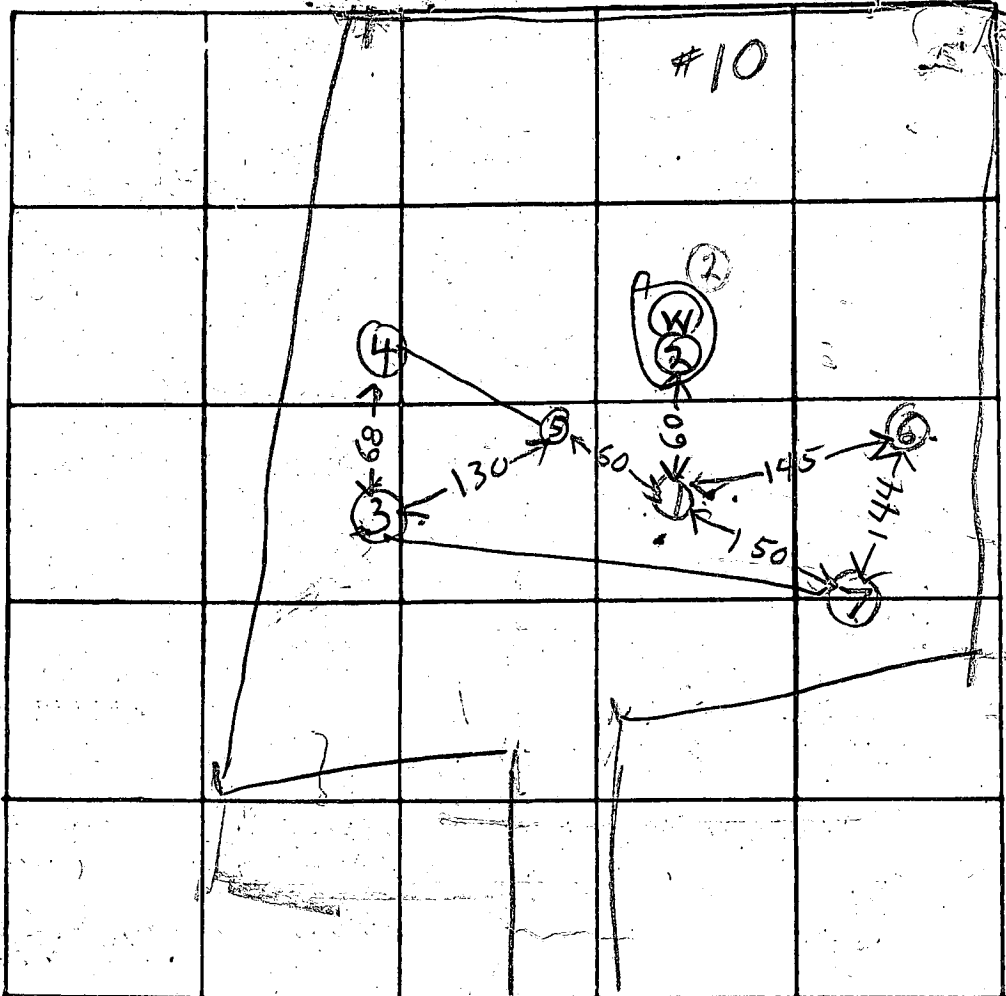
PERC OK HOLD FOR REVIEW WITH DM RW

10/18/79 Final Plat Signed

3/18/82 Ketterman to dig deep hole in wet sand if system to be deeper than 5 1/2 ft.

THIS IS NOT A PERMIT

A27564



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
3/2/78	1S	4	1020	1024	1024	1029	5	HIGH	
	1D	8	1020	1024	1024	1029	4		
	2S	5	1031	1040	1040	1054	14	LOWEST	
	2D	8	1032	1044	1044	1110	26		
	3S	4	1058	1102	1102	1106	4	HIGH	
	3D	8	1058	1100	1100	1106	6		
	4V	7	ALL SANDY					LOW	
	5V	12	DRY & ALL SANDY					HIGH	
	2W	8	WATER RISE ROUND WATER CAME IN BIT AFTER PERC						
	6S	5	1200	1204	1204	1211	7	HIGH	
	6D	8	1200	1204	1204	1211	7		
3/2/78	7S	4	134	137	137	142	5	HIGHEST	
REMARKS	7D	9	134	137	137	142	5		

TYPE OF SOIL _____

TESTED BY BH

ALSO PRESENT: Rasmeyer
McGel Barth

Lot 10

B 1 8066 SEQUENCE NO. WRA USE ONLY
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER
40-73-4002
fill in this form completely

DATE RECEIVED 9/16/81
9/24/81 p.m.
8. (WRA USE ONLY) 13
OWNER INFORMATION
Housten Robert
1001 Stormont Circle
Arbutus Md. 21227

B 3 LOCATION OF WELL
COUNTY Howard
SUBDIVISION Heatherwood
SECTION I LOT 10
NEAREST TOWN West Fr. End Ship
MILES FROM TOWN (enter 0 if in town) I MI

B 1 CONTINUED DRILLER INFORMATION
Ralph Mayne 273
DRILLER'S NAME 77 LICENSE NO. 80
Ralph Mayne 9/15/81
SIGNATURE DATE

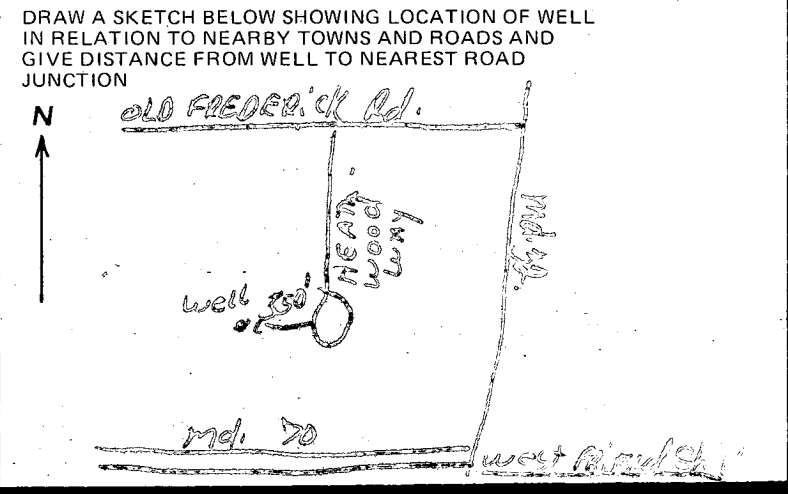
B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NEAR WHAT ROAD Heatherwood Way
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST 32 EAST
550
34 DISTANCE FROM ROAD 37
(CIRCLE APPROPRIATE BOX) 38 39

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX
9/24/81
Location O.K.
40' casing
1 1/2' casing above grade
33' open hole
30' d.p.p. pipe jetted
14' bags of cement
O.K. F.S. & R.A.

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 150 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH



Method of Drilling (circle one)
BORED (OR AUGERED) JETTED JETTED & DRIVEN
AIR ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC)
CABLE REVERSE ROTARY DRIVE POINT ROTARY
other

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
 THIS WELL WILL DEEPEAN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard 227566
COUNTY NAME COUNTY NO.
EHA SIGNATURE STATE HEALTH CIRCLE BOX
Frank Skinner, Sanitarian
MO DAY YR 9 24 81
CO SIGNATURE DATE
NORTH 42 EAST 0607 ELEV. (FT.)
GRID 50 55 GRID 57 63 65 68

Not to be filled in by driller (WRA USE ONLY)
APPROX. PERMIT NUMBER 54 GAP 03
FORCE INITIALS IN BOX CONDITIONS A E N S G W Q C L U
40-73-4002

B 5 SPECIAL CONDITIONS (WRA USE ONLY)

C1 8187 SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED COUNTY NUMBER A 27564

Date Received (WRA use only) 9/25/81 DATE WELL COMPLETED

Depth of Well 145' (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-4002

OWNER Housten Robert last name first name STREET OR RFD Heatherwood Way TOWN West Friendship SUBDIVISION Heatherwood SECTION 1 LOT 10

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Sandy, Sand Stone, Mick A, Sand Stone, Mick A.

WELL HAS BEEN GROUTED (Y) NO (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 14 NO. OF POUNDS 1400

CASING RECORD casing types ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER). MAIN CASING TYPE ST, Nominal diameter 6, Total depth 40.

OTHER CASING (if used) diameter inch, depth (feet) from to.

SCREEN RECORD screen type or open hole ST (STEEL), BR (BRASS BRONZE), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER).

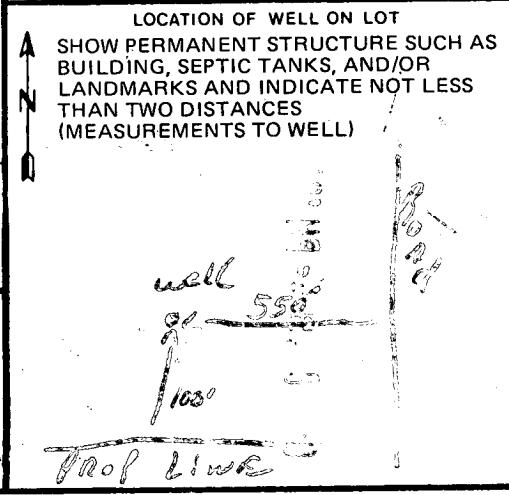
DEPTH (nearest ft.) 140, 38, 145. SLOT SIZE, DIAMETER OF SCREEN (NEAREST INCH).

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX (F).

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), W Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST C 3 (seq no) 6. PUMPING TEST 5. HOURS PUMPED 8. PUMPING RATE 30. METHOD USED TO MEASURE PUMPING RATE Bucket. WATER LEVEL 30. WHEN PUMPING 145. TYPE OF PUMP USED (for test) A (air), P (piston), T (turbine), C (centrifugal), R (rotary), O (other), J (jet), S (submersible).

PUMP INSTALLED YES (Y) NO (N). DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES (Y) NO (N). IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE. TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)). CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31-35. PUMP HORSE POWER 37-41. PUMP COLUMN LENGTH (nearest ft) 43-47. CASING HEIGHT (circle appropriate box and enter casing height) (+) above, (-) below. LAND SURFACE 2 (nearest foot).



CIRCLE APPROPRIATE BOX A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED, E ELECTRIC LOG OBTAINED, P TEST WELL CONVERTED TO PRODUCTION WELL.

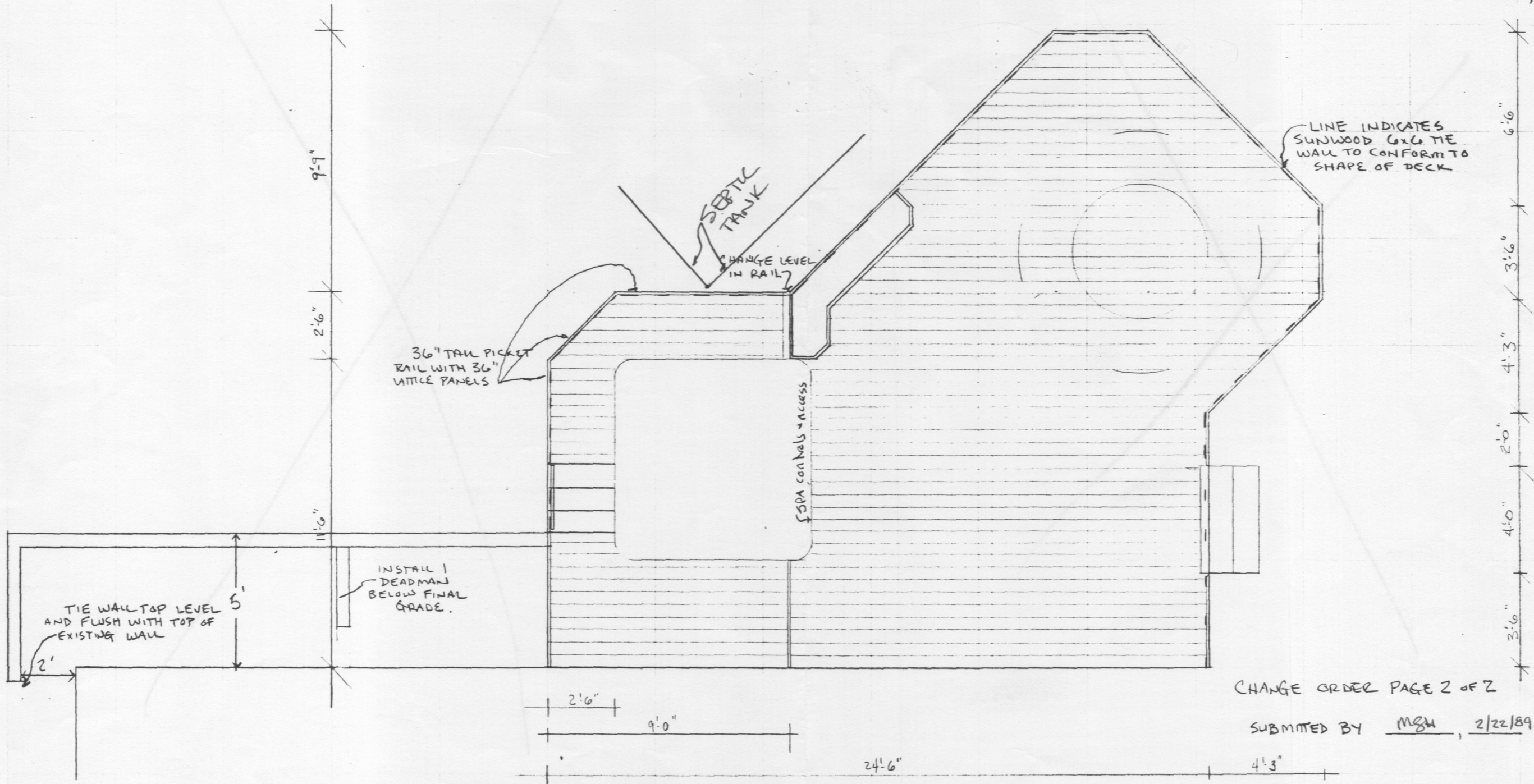
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL". AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS IDENT. NO. 273. DRILLERS SIGNATURE Ralph E. Maynard. SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee).

BP 23072
 REVISED DRAWING OK
 2/24/89 CWL

2'-6" 6'-6" 9'-9" 3'-6" 6'-6"

NOTE CONTRACT INCLUDES REPLACING
 RAIL CAP ON EXISTING 12'x15' DECK
 AND STAIR RAIL WITH REDWOOD, ROUTED.



CHANGE ORDER PAGE 2 OF 2

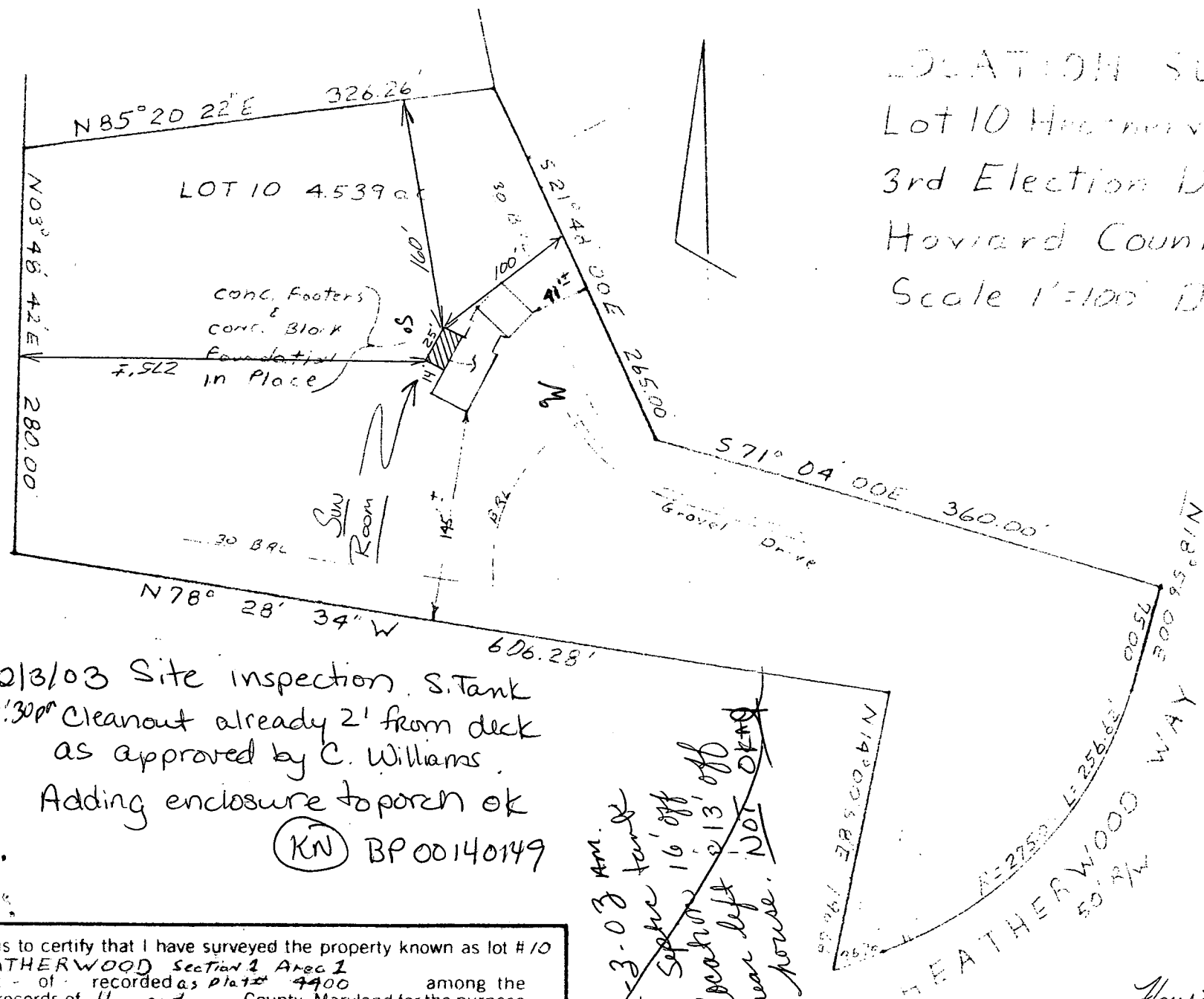
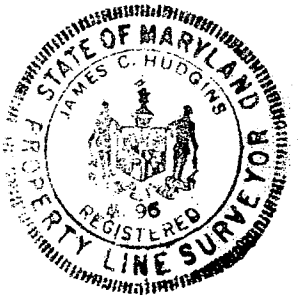
SUBMITTED BY MSW, 2/22/89

4'-3"

ACCEPTED BY _____

ACCEPTED BY _____

COLLATION SURVEY
 Lot 10 Heatherwood way
 3rd Election District
 Howard County Md.
 Scale 1"=100' Date 5/21/82



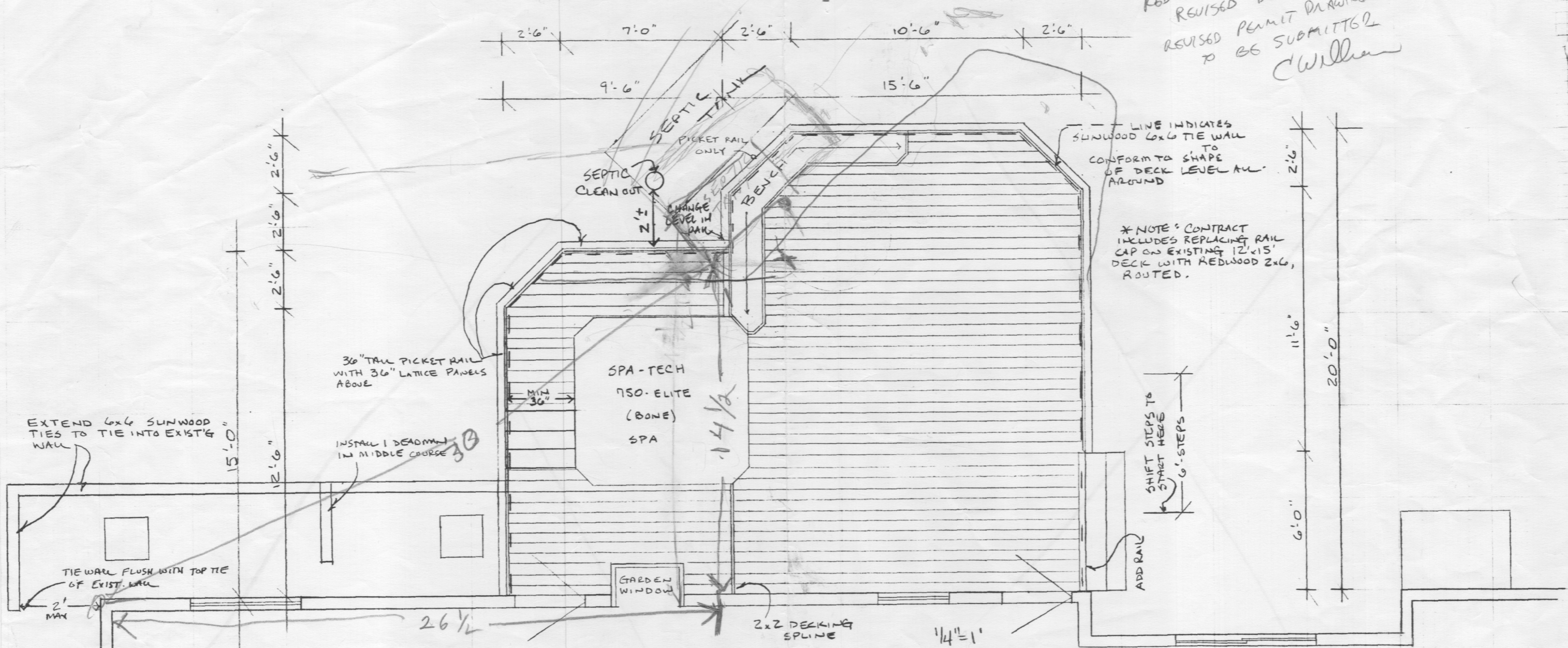
2/13/03 Site inspection. S. Tank
 1:30pm Cleanout already 2' from deck
 as approved by C. Williams.
 Adding enclosure to porch ok
 (KN) BP 00140149

~~1-23-03 AM.
 Sept 16' off
 location 2' 13' off
 near left NOT OK
 house.~~

This is to certify that I have surveyed the property known as lot #10
 HEATHERWOOD Section 2 Area 1
 feet - of - recorded as plat # 4400 among the
 and records of Howard County, Maryland for the purpose
 locating the improvements thereon.
 J. Carl Hudgins
 J. Carl Hudgins PLS #96

Houston # 30578
 1-29-03

2/8/89
 R60 LINE APPROXIMATES
 REVISED DECK LOCATION.
 REVISED PERMIT DRAWING
 TO BE SUBMITTED
 C. Williams



LINE INDICATES
 SUNWOOD 6x6 TIE WALL
 TO
 CONFORM TO SHAPE
 OF DECK LEVEL ALL
 AROUND

*NOTE: CONTRACT
 INCLUDES REPLACING RAIL
 CAP ON EXISTING 12'x15'
 DECK WITH REDWOOD 2x6,
 ROUTED.

SHIFT STEPS TO
 START HERE
 6'-STEPS

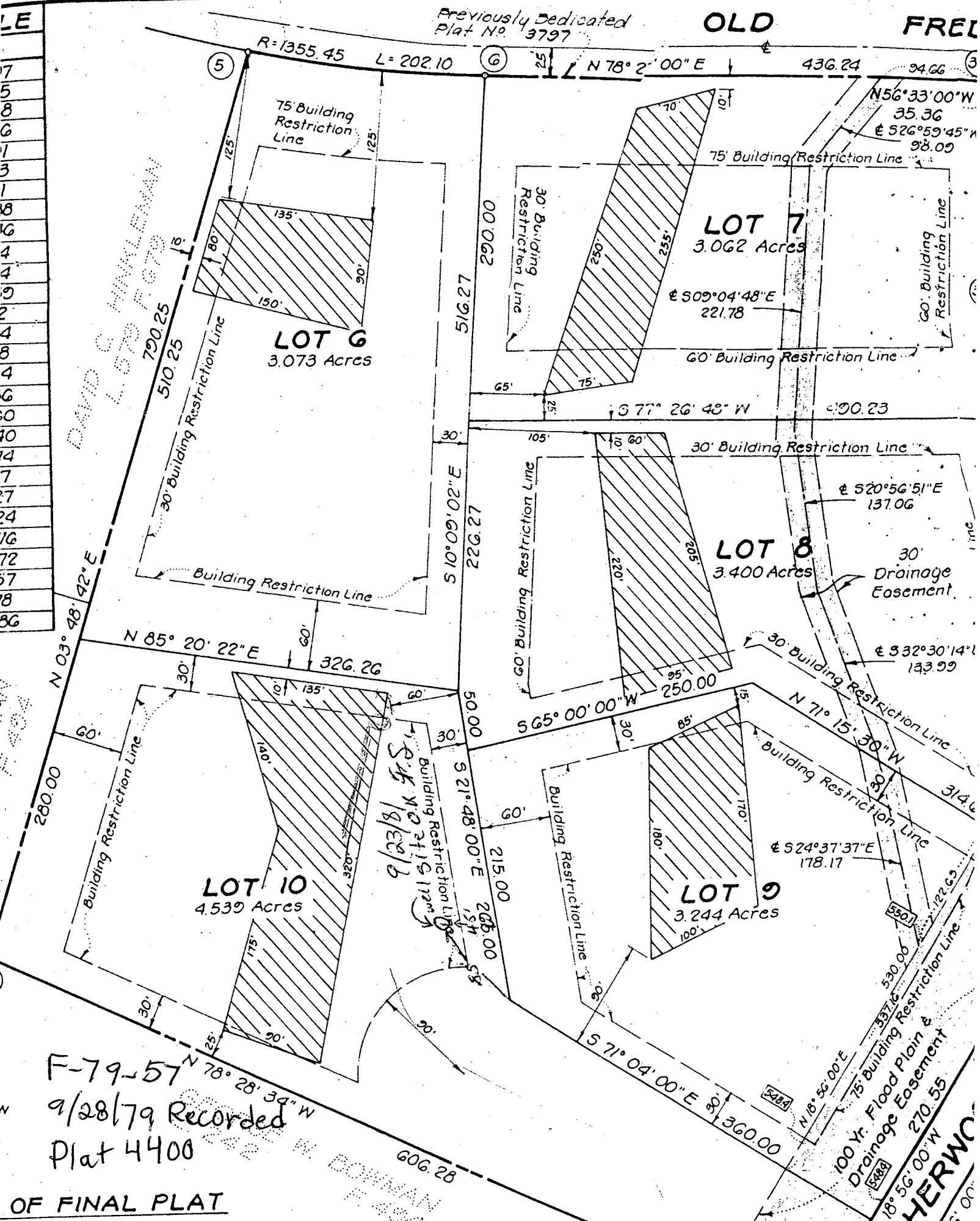
PAGE 3 OF 4
 NSH 12/9/88

RCH 12/9/88
 E.S.H 12/9/88

1/29/89
 DO NOT SIGN, PECK OVER TANK
 VISITED SITE DUG UP
 CORNER OF TANK IS 14 1/2 FT
 FROM WALL OF HOUSE 30 FT
 FROM ONE BACK CORNER AND
 26 1/2 FT IN FROM THE SAME
 BACK CORNER OF THE HOUSE

Previously Dedicated
Plat No. 3797

OLD FREL



7
5
8
6
1
3
1
8
6
4
4
4
4
2
10
14
7
7
24
76
72
57
8
86

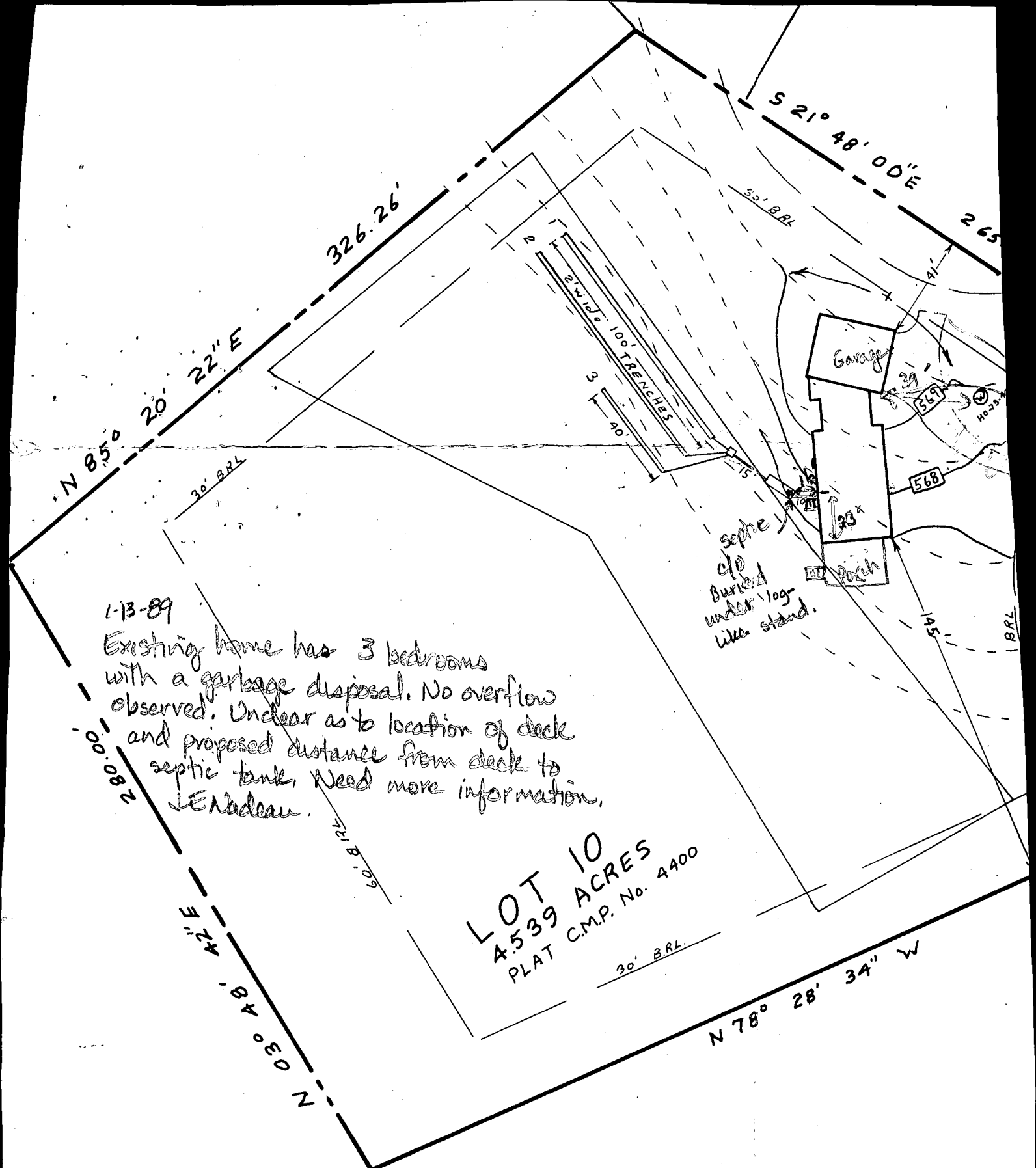
DAVID C. FINLEYMAN
LOT 9 F-79-57

LOT 9 S.S. SITE 112
9/23/81

F-79-57
9/28/79 Recorded
Plat 4400

OF FINAL PLAT

HERWOOD



1-13-89
 Existing home has 3 bedrooms
 with a garbage disposal. No overflow
 observed. Unclear as to location of deck
 and proposed distance from deck to
 septic tank. Need more information.
 JENadeau.

LOT 10
 4.539 ACRES
 PLAT C.M.P. No. 4400

I certify the above Measurements
 & elevations are actual and true
 for this property.
 J Carl Hudgins
 J. Carl Hudgins