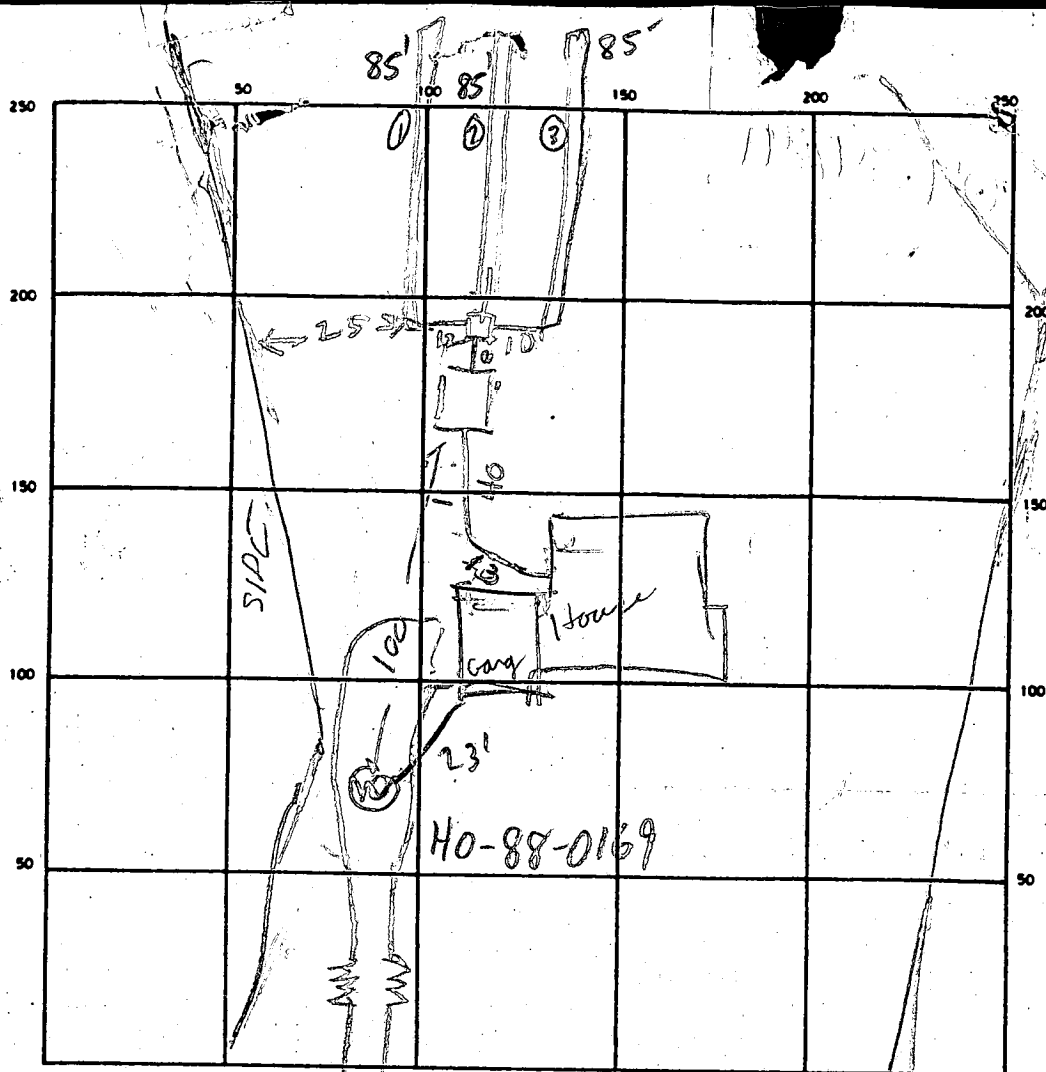


$$\begin{array}{r} 38735 \\ \hline A \end{array}$$



SEPTIC TANK. LEVEL 1250

CLEANOUTS ST
D/K

DISTRIBUTION BOX. LEVEL _____

DRAIN FIELD/TILE FIELD. DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 85 85 85 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 765 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 1/4/90 - LOCATION OK TRENCH & TANK OK
HOUSE SEWER NOT FINISHED 1/4/90 HOUSE
SEWER WITHIN 2 FT OF HOUSE COVER HOUSE
SEWER FINAL CONNECTION TO BE MADE BY PLUMBER
R/H 1/12/90 HOUSE CONN OK - OK TO COVER ALL

DATE SYSTEM APPROVED 1/12/90

INSPECTOR M. Rifkin

APPLICATION

PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT

DATE

A 38735

P _____

4

12/17/86

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER

Ray W. Crum + Wife HOPE, INC.

ADDRESS

791 Morgan Station Rd

PHONE

489-4995

PROSPECTIVE BUYER

Hemphill Partnership

ADDRESS

10176 Baltimore National Pike Suite 210

PHONE

465-5855

PROPERTY LOCATION:

SUBDIVISION

Morgan Station (Crum Property)

LOT NO.

LOT 27 Prelim 10/21/87

ROAD AND DESCRIPTION

E/S Morgan Station Rd north of Old Frederick Rd
896 The Old Station Ct

TAX MAP

3

PARCEL #

9

SIZE OF LOT

3 acres

TYPE BLDG.

SFD

(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.

Mal S. Hill

(SIGNATURE OF APPLICANT)

APPROVED BY

Sidell

FOR

Standard Trust

DATE

5-31-89

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

4/30/87 - PERC OK HOLD

FOR PLAT BW

BUDG. PERMIT SIGNED

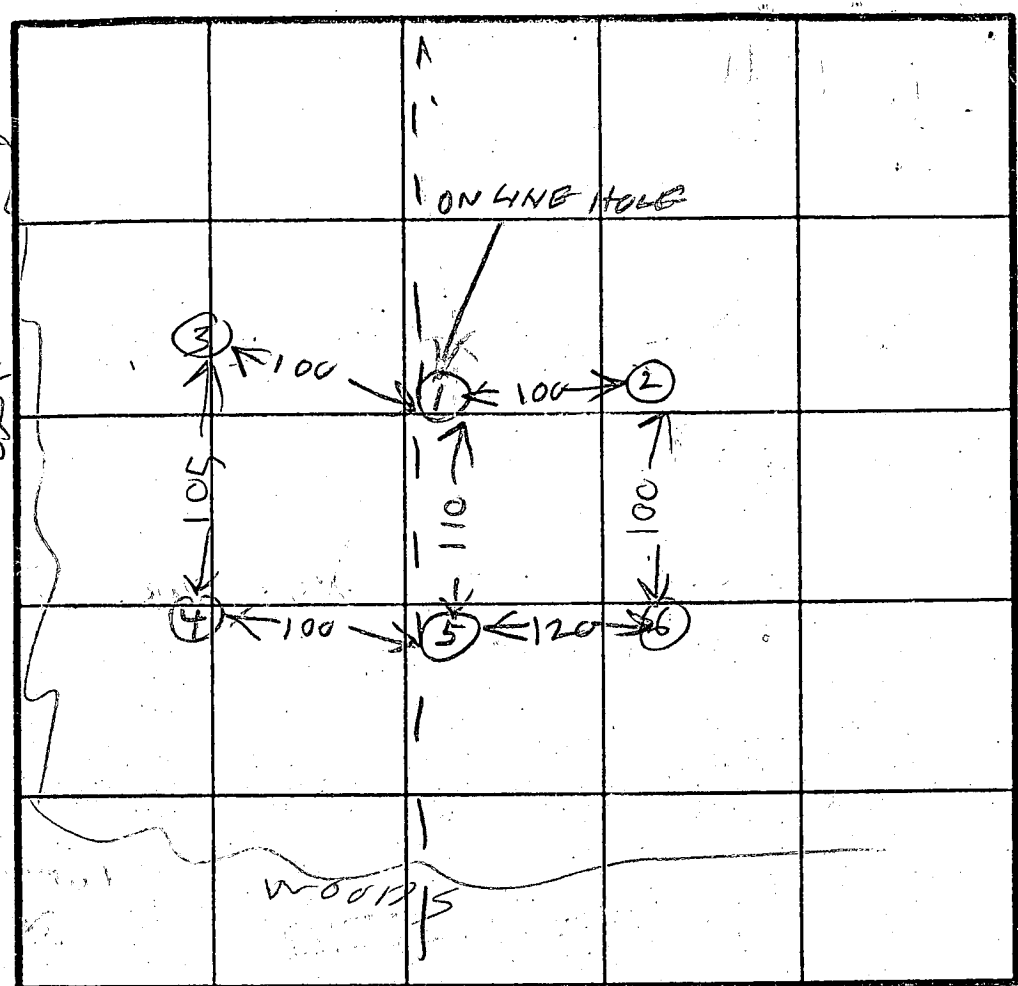
AND RETURNED

531-89

BP 20307

THIS IS NOT A PERMIT

7' 6" incl
 11' 33'
 SOIL PROFILE ①
 35' - Tan clay
 Tan sand loam
 10% spherulite
 10' - ROCK
 ②



⑤
 Clay
 Dark Brown
 Sand loam
 15% spherulite
 ⑥
 Clay
 Dark Brown
 Sand loam
 20% spherulite

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

3' - Brown clay
 Brown sand loam
 15% spherulite
 10' - ROCK
 ③
 Clay
 Brown sand loam
 15% spherulite
 ④
 Clay
 Brown sand loam
 15% spherulite
 11' - ROCK

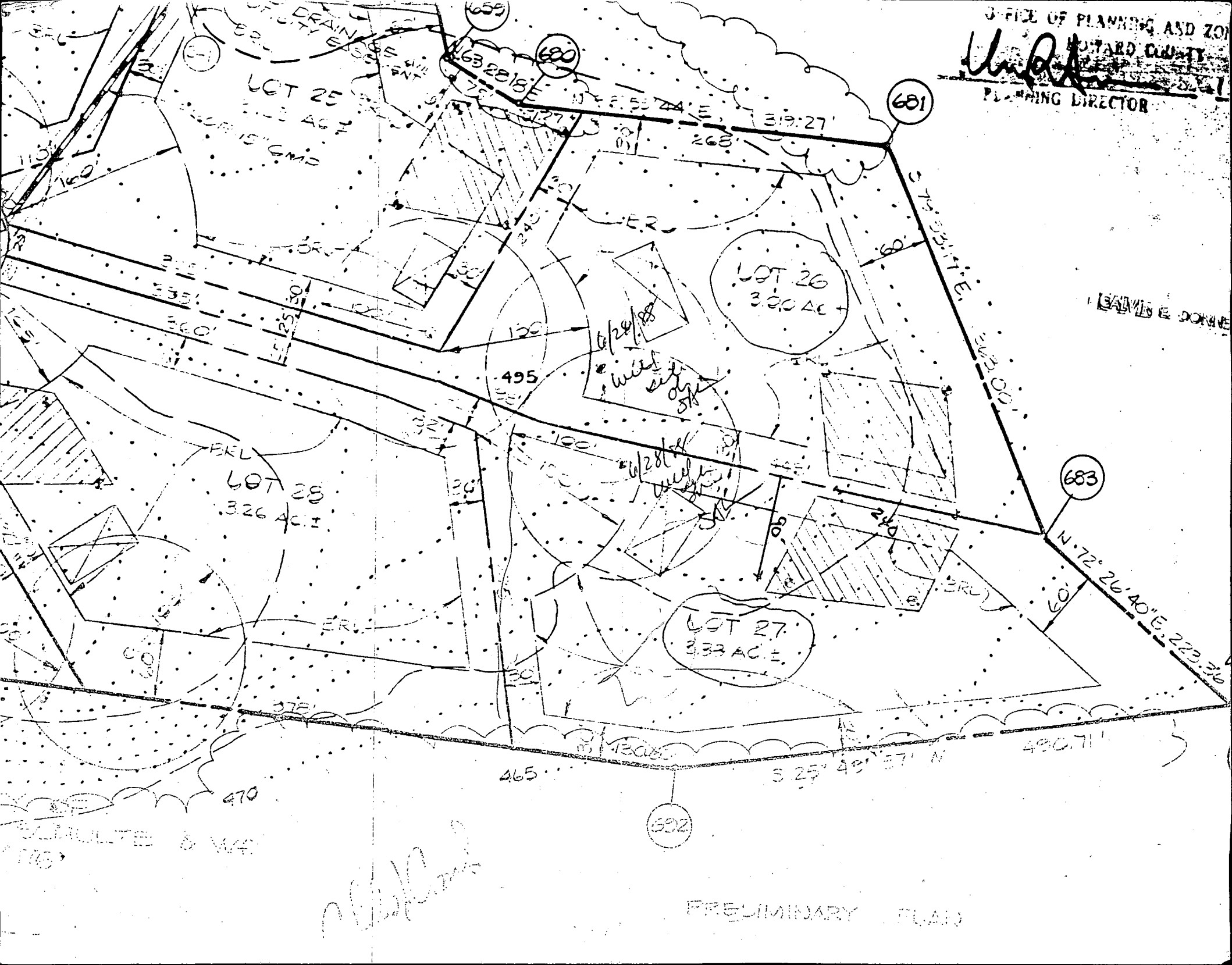
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/30/87	✓ 1S	4	232	241	241	247	6
	✓ 1D	6.5	239	247	247	257	10
	✓ 1V	10	OK but ROCK BOTTOM				
	✓ 2V	10	OK but ROCK BOTTOM				
	✓ 3V	11	OK but ROCK BOTTOM				
	✓ 4S	4	253	257	257	302	5
	✓ 4V	11	OK BUT ROCK BOTTOM				
	✓ 5S	3	300	305	305	312	7
	✓ 5V	11	OK BUT ROCK BOTTOM				
4/30/87	✓ 6S	3	307	309	309	311	2
	✓ 6V	10	OK				

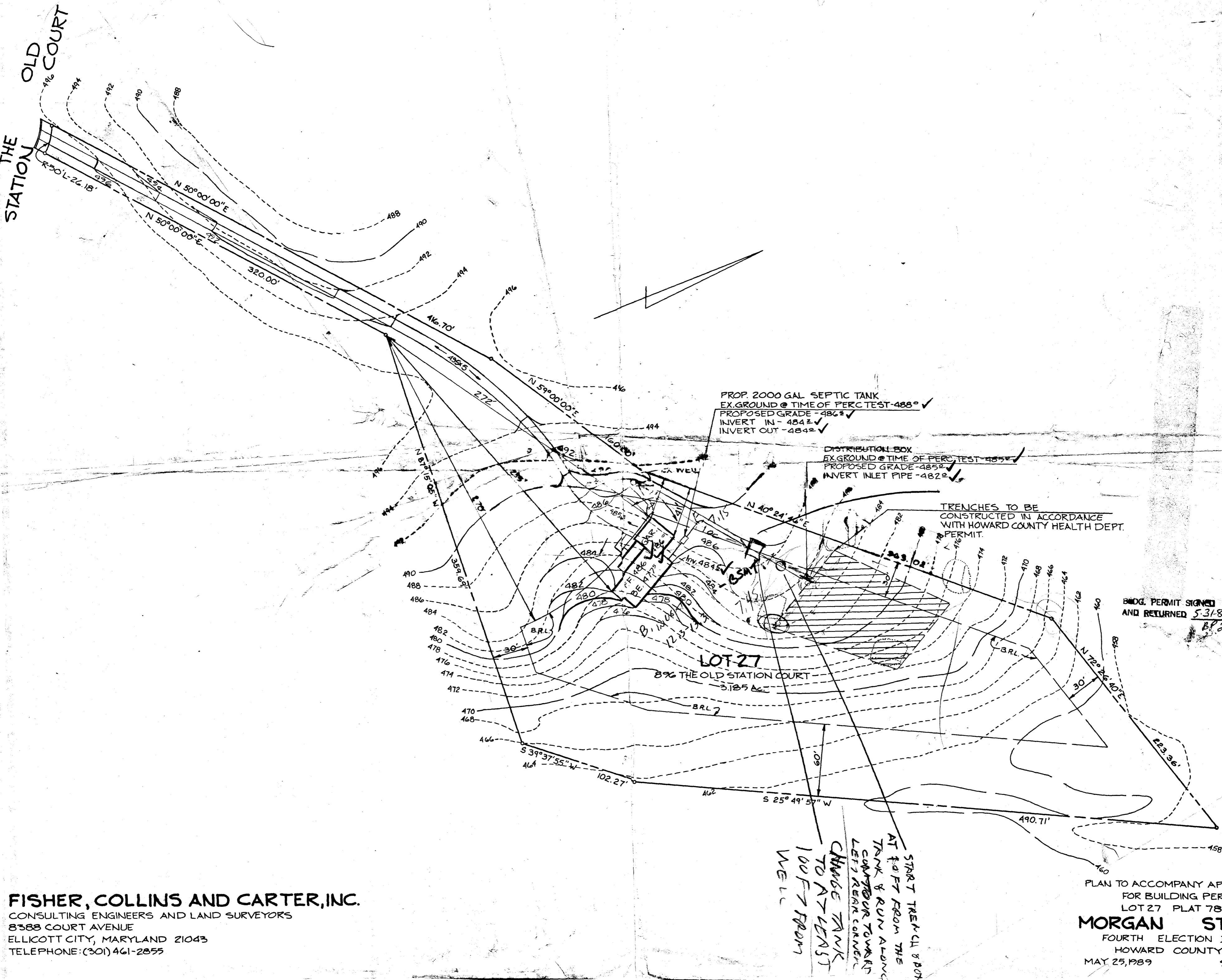
̄ Perc
 8 min
 180°/BA
 Inlet 3"
 Bottom 5"

REMARKS: LOT LINES CHANGED & PERC HOLES CHANGED FROM ORIGINAL TEST PLAN

TYPE OF SOIL: _____
 TESTED BY: B. Hodges
 ALSO PRESENT: Dave & Olen Buckner

Unbld
PLANNING DIRECTOR





FISHER, COLLINS AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
8388 COURT AVENUE
ELLICOTT CITY, MARYLAND 21043
TELEPHONE: (301) 461-2855

B 1 3507 <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-88-0169 <small>fill in this form completely</small>
Date Received (APA) 090188		B 3 3 LOCATION OF WELL	
OWNER INFORMATION TRINITY BUILDERS <small>Last Name Owner First Name</small> 6601 SHADY KNOLL RD <small>Street or RFD</small> COLUMBIA MD 21044 <small>Town State Zip</small>		HOWARD <small>8 COUNTY</small> MOOREHEAD STATION <small>23 SUBDIVISION</small> SECTION 11 LOT 87 WOODBINE <small>52 NEAREST TOWN</small> MILES FROM TOWN (enter 0 if in town) 2 M 1 <small>73 76 77 78</small>	
DRILLER INFORMATION Ralph MAYNE <small>Driller's Name</small> Ralph MAYNE Well Drilling <small>Firm Name</small> 5120 Brown Church Rd. N.H. Ave <small>Address</small> Ralph Mayne 8/31/88 <small>Signature Date</small>		B 4 4 <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> DIRECTION OF WELL FROM TOWN (CIRCLE BOX) </div> <div style="width: 45%;"> NEAR WHAT ROAD The Old Station Ct. <small>ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</small> <div style="text-align: center;"> NORTH W 32 E WEST EAST SOUTH </div> </div> </div> <div style="margin-top: 10px;"> DISTANCE FROM ROAD 1200 <small>ENTER FT or MI</small> </div>	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard <small>COUNTY NAME</small> A. 38735 <small>COUNTY NO.</small> STATE SIGNATURE 5 INSERT S 41 DATE ISSUED 090288 July and 03-01-89 <small>CO SIGNATURE EXP. DATE</small> NORTH GRID 553000 EAST GRID 0289000 <small>50 55 57 63</small>	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;"> E 5809 N 5503 </div> <div style="text-align: right;"> 000 000 </div> </div>	
APPROXIMATE DEPTH OF WELL 150 FEET APPROXIMATE DIAMETER OF WELL 6" INCH.		10/10 / Well Driller GROUT 45' casing 40' open 8 Bags of cement 2' casing above ground C. 80' (P) Tag # / date	
METHOD OF DRILLING (circle one) BORED (or Augered) <input checked="" type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input type="checkbox"/> AIR-ROtary <input checked="" type="checkbox"/> AIR-PERcussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> CABLE <input type="checkbox"/> REVerse-ROtary <input type="checkbox"/> DRive-POINT <input type="checkbox"/> other _____		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____		Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER _____ FORCE SA WRITE INITIALS IN BOX PERMIT No. HO-88-0169 <small>67 68 70 71 72 73 74 75 76 77 78 79</small>	
SPECIAL CONDITIONS			

C1 0697 SEQUENCE NO. (DENV USE ONLY) WELL REPORT PERMIT NO. H-38735
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) FILL IN THIS REPORT COMPLETELY PLEASE PRINT OR TYPE FROM "PERMIT TO DRILL WELL" 40-88-0169
DATE Received 10/10/88 DATE WELL COMPLETED 10/10/88 Depth of Well 22 2 15 26 (TO NEAREST FOOT) 28 29 30 31 32 33 34 35 36 37

OWNER PLINITY BUILDERS last name The Old Station CC first name TOWN WOODBRINE
STREET OR RFD SUBDIVISION MORAN STATION SECTION LOT 27

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
Brown Shale 2 30
Brown Shale 30 35
Blue Shale 35 90
Brown Shale 90 95
Blue Shale 95 205

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N
TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC
CEMENT 45 46 BENTONITE CLAY 45 46
NO. OF BAGS 4 NO. OF POUNDS 800
GALLONS OF WATER 48
DEPTH OF GROUT SEAL (to nearest foot) from 48 TOP 52 ft. to 54 BOTTOM 58 ft. (enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
STEEL ST CONCRETE CO
PLASTIC PL OTHER OT
MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
PL A 45 60 61 63 64 66 67 70

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

SCREEN RECORD
screen type or open hole insert appropriate code below
STEEL ST BRASS BR BORE HOLE HO
BRONZE PL PLASTIC PL OTHER OT

DEPTH (nearest ft.)
EACH SCREEN
1 10 43 205
2
3
SLOT SIZE 1 2 3
DIAMETER OF SCREEN 56 60 (NEAREST INCH)
from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) WQ
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min. to nearest gal.) 10
METHOD USED TO MEASURE PUMPING RATE
WATER LEVEL (distance from land surface) BEFORE PUMPING 35 WHEN PUMPING 45
TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) 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) IN BOX-SEE ABOVE:
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)

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)
20' to road

CIRCLE APPROPRIATE LETTER
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 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

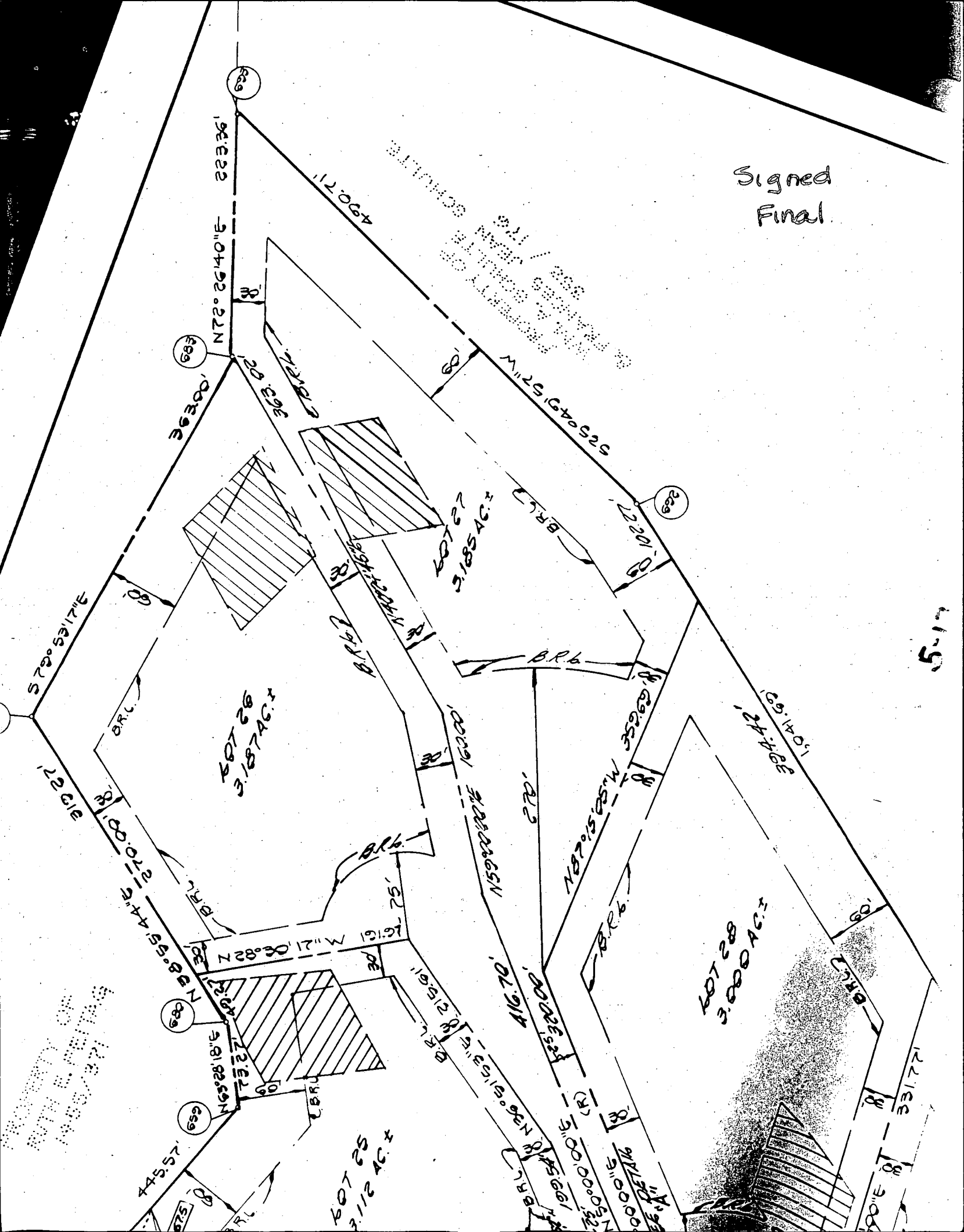
DRILLERS IDENT NO. 273
Ralph Mayne

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

HD-224 45 casing 40 open
8 Bays

Signed
Final



Signed
final

