

11/29/00 Layout 10AM

Tax ID - 04-361784

11/30/00
AM day

PERMIT

SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
410-313-2640

P 514646

A 47840

28

ISSUE DATE 11/14/2000

APPROVAL DATE 11/30/00

INDEXED

D & W Excavating IS PERMITTED TO INSTALL ALTER

ADDRESS 3033 Salem Bottom Road, Westminster, MD 21157 PHONE 410-875-2195

SUBDIVISION Poplar Heights LOT NUMBER 1 & 2 ADDRESS 17023 Frederick Road

PROPERTY OWNER Michael Mattingly PROPERTY OWNER'S ADDRESS 7020 Gardner Lane

SEPTIC TANK CAPACITY 1250 GALLONS Highland, MD 20777

PUMP CHAMBER CAPACITY N/A GALLONS

NUMBER OF BEDROOMS 4 ** TOP SEAMED SEPTIC TANK REQUIRED **

SQUARE FEET PER BEDROOM 210

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES: Trenches to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. 2 feet of stone below distribution box.

LOCATION: Begin trenches 165 feet down the left lot line and 10 feet off that same lot line as seen when facing the lot from Route 144. Run trenches on contour as shown on approved building permit plan.

PLANS APPROVED Amy McMillen ONSRU 9/27/00 DATE 8/31/2000

PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

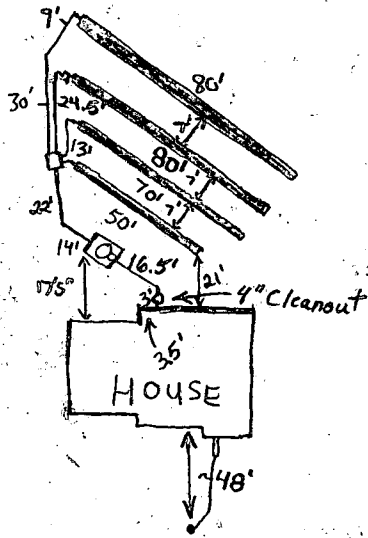
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

47840

NOT TO SCALE



HO-94-1520

Frederick Road

PRE-CONSTRUCTION INSPECTION:

TRENCH DATA

TRENCH WIDTH 3.0'
 TRENCH INLET DEPTH 3.0'
 TRENCH BOTTOM DEPTH 5.0'
 DEPTH OF STONE 2.0'
 NUMBER OF TRENCHES 4
 TOTAL TRENCH LENGTH 240'
 ABSORBENT AREA 720ft²
 DISTRIBUTION BOX LEVEL Yes
 BAFFLE IN DISTRIBUTION BOX Yes

SEPTIC TANK DATA

SEPTIC TANK 1500 TS GALLONS
 MANHOLE RISER Yes
 6 INCH INSPECTION PORT Yes

PUMP CHAMBER DATA N/A

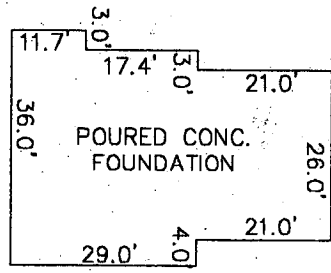
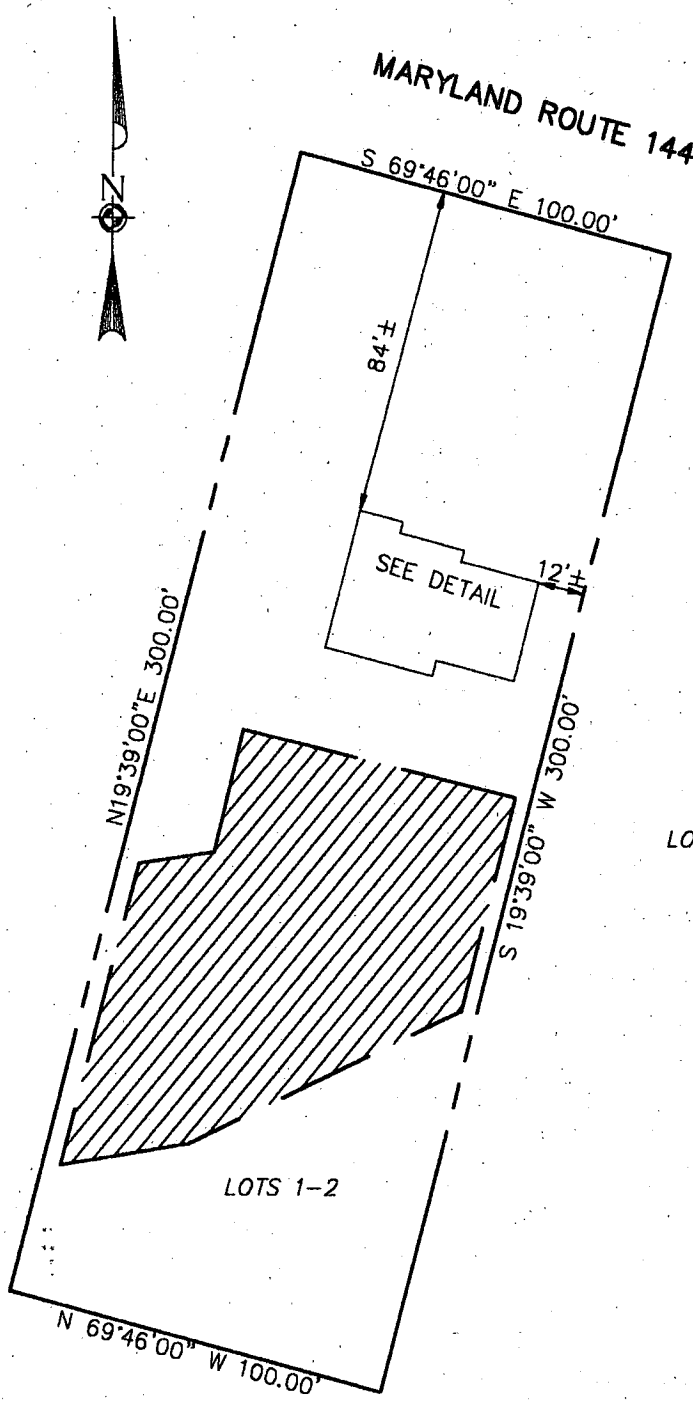
~~PUMP CHAMBER GALLONS _____
 MANHOLE RISER _____
 ALARM _____
 PUMP PERFORMANCE TEST _____~~

INSPECTION COMMENTS: 11/29/00 House connection made. Tank O.K. First 3 trenches done (BB)
11/30/00 - OK TO COVER ALL WORK - (SRK) 11/29/00 - WPI OK (BB) SRK

INSPECTOR Steven R. Kreeg DATE SYSTEM APPROVED 11/30/00

GENERAL NOTES:

- 1) THIS PLAT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 240044 0007 B, EFFECTIVE DATE: DEC. 4, 1986
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1' PLUS OR MINUS (±).



DETAIL
1"=30'

11/28/00-
House
shifted
slightly
toward
rear of lot
OK SRV

LOTS 1-2
POPLAR HEIGHTS SUBDIVISION
POPLAR HEIGHTS ~ LIBER 4590 FOLIO 49
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TOP OF FOUNDATION ELEV. 724.0'±

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2855

FCC #

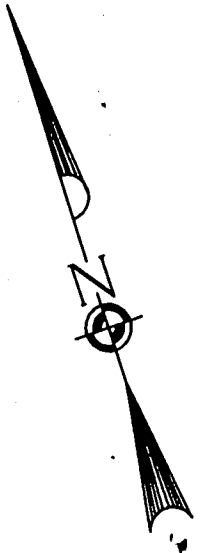
PROFESSIONAL LAND SURVEYOR DATE 10/23/00
REG. # 582

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 10/23/00
FINAL LOCATION: _____
BOUNDARY SURVEY: _____

SCALE: 1"=50'
DATE: 10/24/00
DRAWN BY: I.P.E.
CHECKED BY: C.C.
PROJECT No.: 61501

and 0.2
requirements
4 in./1,000



VICINITY MAP
SCALE: 1"=200'

GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT
- PROPOSED 1500 GALLON SEPTIC TANK 724.50 715.50
- FIRST FLOOR ELEVATION: 712.20
 - BASEMENT ELEVATION: 711.50
 - INVERT IN AT SEPTIC TANK: 711.00
 - INVERT OUT AT SEPTIC TANK: 711.00
 - PROPOSED GRADE OVER SEPTIC TANK: 711.00
 - INVERT AT DISTRIBUTION BOX: 711.00
 - EXISTING GROUND OVER DISTRIBUTION BOX: 714.00
 - LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
- ~~THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM~~

MARYLAND ROUTE 144

EX. PAVING CENTER LINE

Approved Septic System Plan
Howard County Health Department

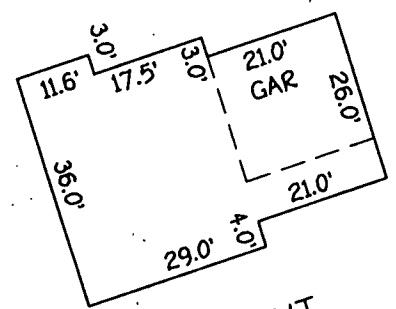
Signature

8/31/00
Date

EARTH DIKE TYPE-A-1
TO DIVERT CLEAN
WATER.

718 SEPTIC TANK
DISTRIBUTION
BOX

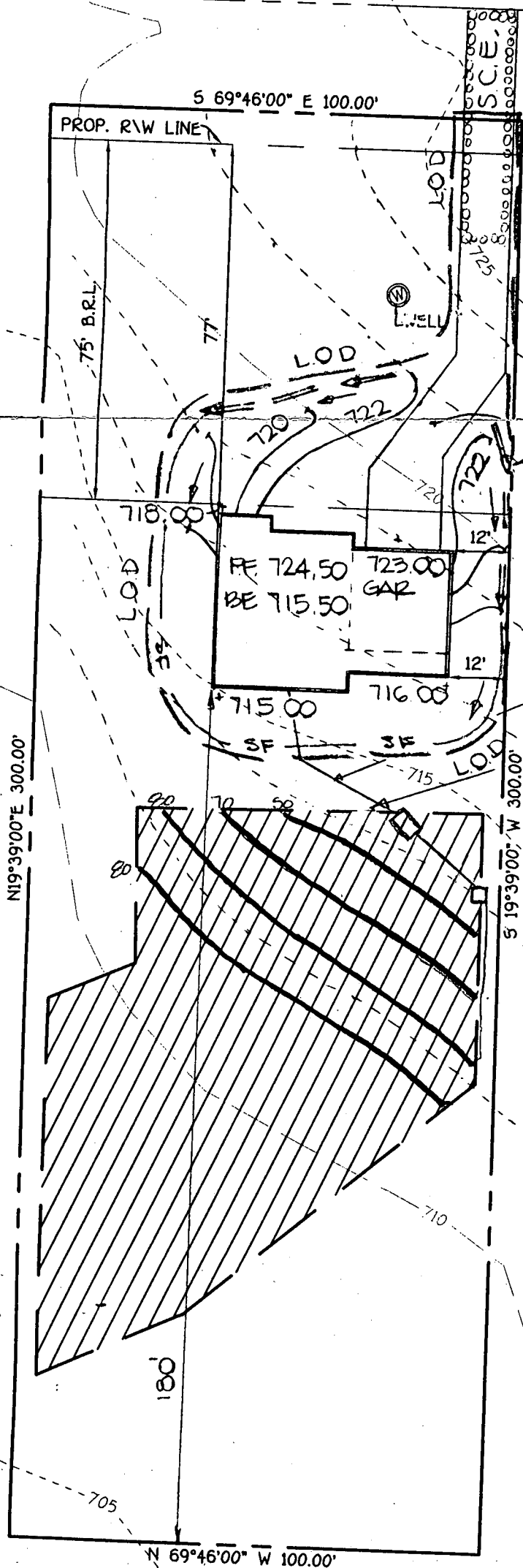
Total linear feet of trench required 280 feet
 Width of trench(es) 3.0 feet
 Depth of trench(es) 5.0 feet
 Depth of stone required below
 distribution pipe 2.0 feet



PLAN TO ACCOMPANY
FOR BUILDING PERMIT

POPLAR HEIGHTS
 POPLAR HEIGHTS ~ L
 ZONING:
 TAX MAP No. 1
 4TH ELECT DISTRICT
 HOWARD COUNTY
 JUNE 29, 2000

GP 00-30



FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461-2855

SECTION ABOVE UNDISTURBED GROUND
 ST. DRIVEN OF 16" INTO GROUND
 STANDARD SYMBOL
 SF
 Minimum into the ground shall be 11" or 1 3/4" diameter steel posts will be spaced at 10' per linear foot.
 Posts shall be installed with wire ties following requirements:
 Test: MSMT 509
 Test: MSMT 509
 Test: MSMT 322
 Test: MSMT 322
 Posts shall be overlapped.
 All events and maintained when they shall be overlapped.
 Head 50% of the fabric height.

APPLICATION

PERCOLATION TESTING

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

PREVIOUS OK,
TAX MAP SHOWS SINGLE PARCEL,
BUT APPLICANT HOLDS DEED AND
CUMULATIVE TAX BILL FOR
SIX SEPARATE LOTS, CW,

47840

A 47840
P (47840)

DISTRICT 04

DATE 4/14/92

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 George LANIADO

ADDRESS 17035 Frederick Rd. PHONE 301 829-0072
MT. AIRY, Md. 21771

PROSPECTIVE BUYER _____

ADDRESS None PHONE _____

PROPERTY LOCATION:

SUBDIVISION Poplar Heights Subdivision LOT NO. 1 & 2

ROAD AND DESCRIPTION RT 144 SW S

TAX MAP 7 PARCEL # 14

SIZE OF LOT _____ 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.

George Laniado
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS PLAT Cwillan DATE 4/15/92

REASONS FOR REJECTION OR HOLDING LIKELY LESS THAN 10,000 SQ FT - REVIEW PLAT PRIOR TO DECISION

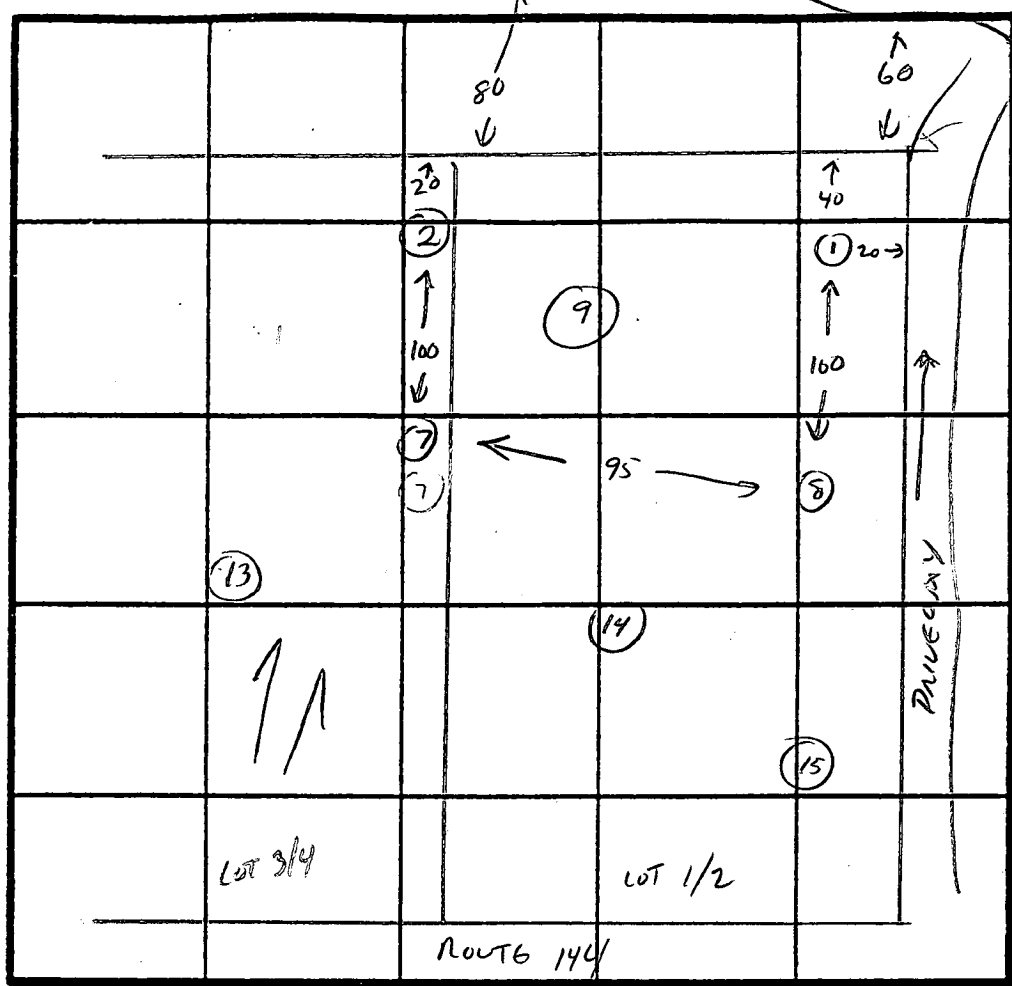
HD-216

THIS IS NOT A PERMIT

A47840

DRY STAGAN B60

#8 SOIL PROFILE
 MIXED PROFILES
 EAST SIDE OF HOLE OR SEE #5 FOR WEST SIDE OF HOLE NOT OK
 PRONOUNCED SHALE WEIN 4-10'



#1
 CLAY
 3'
 SILT LOAM
 5-15% SAPPROLITE
 12 1/2' HARD BOTTOM

#9
 CLAY
 3'
 CLAY SILT LOAM
 10-30% SAPPROLITE
 12'

#14

CLAY
 2'
 MICA SILT LOAM
 10-30% SAPPROLITE
 10'
 ROCK BOTTOM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST: 1" DROP		TIME	
			START	STOP	START	STOP		
4/8/92	1	3'	10:53	10:55	10:55	10:57	2 MIN	OK
		7'	10:53	10:55	10:55	10:59	4 MIN	
		12 1/2'	VIS OK	SAPPROLITE INCREASING TO 15% NEAR BOTTOM				
	2	HOLE COLLAPSED - TOO ROCKY TO TEST SEE LOT 3/4 A 48031 FOR DETAIL X						
	9	3'	2:28	2:45	2:45	2:50 - VIS OK	3 1/2 - 4'	OK
		7 1/2'	2:29	2:39	2:39	3:00	21 MIN	
		12'	VIS OK	SAPPROLITE 10-30%				
	7	3'	11:34	11:36	11:36	11:43	7 MIN	OK
		7'	11:34	11:36	11:36	11:44	8 MIN	
		12'	VIS OK	SAPPROLITE 20-40%				
	8	NOT TESTED (ROCKY ON WEST (EXISTING DRIVEWAY) END OF TEST HOLE EAST SIDE OF HOLE GOOD - SIMILAR TO #9 & #1)						
	14	3'	3:33	3:36	3:36	3:40	10 MIN	OK
		7'	3:32	3:35	3:35	3:39	4 MIN	

#15
 SAME AS #14 EXCEPT OK TO 12'

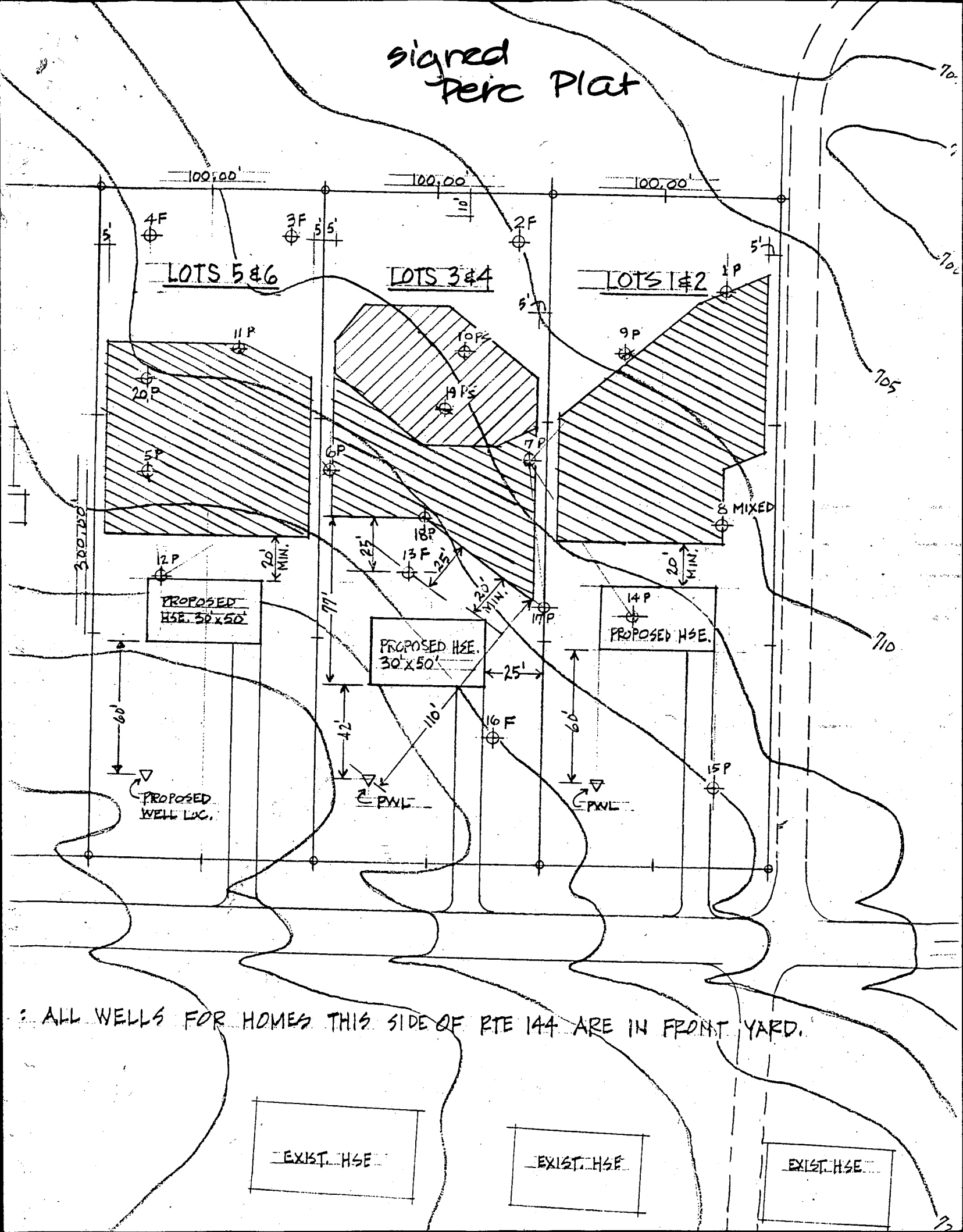
#13 OFF LOT
 ROCK - FAULT
 SEE LOT 3/4 A48031 FOR DETAIL

REMARKS OK (SHALLOW) - LIKELY LESS THAN 10,000 SQFT OF "DESIGN AROUND" HOLE #8

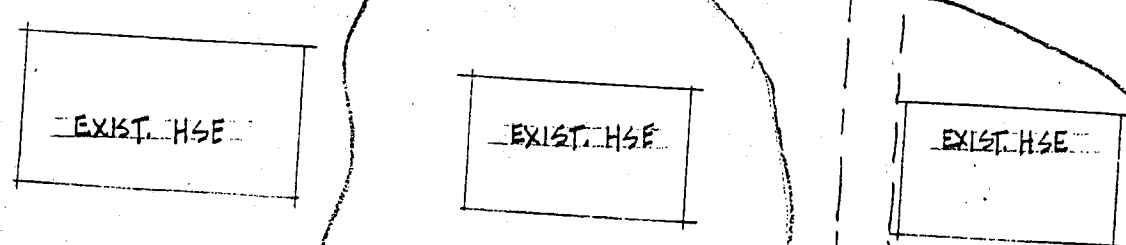
TYPE OF SOIL MAP UNIT CH-C3 - CH6ST6

TESTED BY C. Williams ALSO PRESENT G. LANAIDA K. ALLEN

Signed Perc Plat



ALL WELLS FOR HOMES THIS SIDE OF RTE 144 ARE IN FRONT YARD.



B 1	5420	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-94-1520 <small>70 fill in this form completely 79</small>
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Date Received (ARA) **3/20/98**

OWNER INFORMATION RN 7411

Vesta Builders, Inc.

Last Name: **P. O. Box 820** Owner First Name: **Eldersburg, Md. 21784**

Street or RFD: **Eldersburg, Md. 21784**

Town: **Eldersburg, Md. 21784** State: **72** Zip: **76**

LOCATION OF WELL B 3

COUNTY: **Howard** CC#

SUBDIVISION: **Poplar Heights**

SECTION: **44 46** LOT: **48 50 112**

NEAREST TOWN: **11/2 Mt. Airy**

MILES FROM TOWN (enter 0 if in town) **3** M 11

DRILLER INFORMATION

Driller's Name: **George F. Easterday** M **DV 040**

Firm Name: **L. Franklin Easterday, Inc.**

Address: **9265 Brown Church Rd., MT. Airy, Md. 21771**

Signature: *George F. Easterday* Date: **3/28/98**

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) B 4

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NEAR WHAT ROAD: **Frederick Rd**

DISTANCE FROM ROAD: **50** ENTER FT OR MI **38** F39

TAX MAP: _____ BLK: _____ PARCEL _____

WELL INFORMATION B 2

APPROX. PUMPING RATE (GAL. PER MIN.) **5**

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

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 APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME: **Howard** COUNTY NO.: **A 47840**

STATE SIGNATURE: _____ INSERT S →

DATE ISSUED: **4/10/98** CO SIGNATURE: *[Signature]* EXP. DATE: **4/9/99**

NORTH GRID: **551 000** EAST GRID: **0769 000**

APPROXIMATE DEPTH OF WELL **300** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- wells**

WRITE THE BOX NUMBER FROM THE MAP HERE

E **700** 9

N **550** 1

000 000 X

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTary

JETTED AIR-PERCussion

Jetted & DRIVEN ROTARY (Hydraulic Rotary)

CABLE REVerse-ROTary

other Drive-POINT

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) **41**

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

MAP 2 J8

ST MICHAELS Rd

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER: **DS** G A P

FORCE: **70 71 72 73 74 75 76 77 78 79**

PERMIT No. **HO-94-1520**

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -

e 1 05064

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 47840

DATE RECEIVED 05-98

DATE WELL COMPLETED 04-17-98

DEPTH OF WELL 160

PERMIT NO. HO-94-1520

OWNER Vesta Builders, STREET OR RFD ROUTE 144, TOWN Mt. Airy, SUBDIVISION Poplar Heights, SECTION, LOT 1/2

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for top soil, shale, brown/blue slate.

GROUTING RECORD section including: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (20), NO. OF POUNDS (200), DEPTH OF GROUT SEAL (0 to 48 ft).

CASING RECORD section including: casing types (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter (6 inch), Total depth (52 feet).

OTHER CASING (if used) section with fields for diameter and depth.

SCREEN RECORD section including: screen type (ST, BR, HO, PL, OT), DEPTH (50 to 160).

PUMPING TEST section including: HOURS PUMPED (3), PUMPING RATE (15), METHOD USED (Bucket), WATER LEVEL (30 ft), WHEN PUMPING (40 ft).

PUMP INSTALLED section including: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP (S), CAPACITY (31-35 GPM), PUMP HORSE POWER (37-41).

NUMBER OF UNSUCCESSFUL WELLS (0), WELL HYDROFRACTURED (Y).

CIRCLE APPROPRIATE LETTER: A (well abandoned), E (electric log), P (test converted).

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04...

DRILLERS LIC. NO. MW 040, DRILLERS SIGNATURE George F. Easterday, LIC. NO. MW D 481

DEPTH (nearest ft.) table with columns 1-21 and 23-36, showing values 50 and 160.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL (F) section.

MDE USE ONLY section including: TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

