



B 1 1963

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO - 94 - 2537 fill in this form completely

Date Received (APA) 01 02 00

OWNER INFORMATION

TBI HOMES INC 7320 GRACE DR. Columbia MD 21044

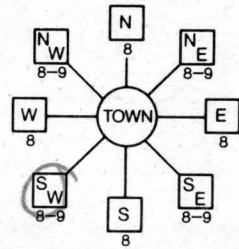
LOCATION OF WELL

Howard COUNTY PEACEFIELDS CATTAIL CREEK SECTION 44 46 LOT 2 GLENWOOD NEAREST TOWN I MILES FROM TOWN

DRILLER INFORMATION

Ralph MAYNE M SD 117 RALPH MAYNE well drilling 9120 Brown Church rd. Mt Airy MD Signature Date 12-22-99

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Cattail Oaks NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 30 DISTANCE FROM ROAD ENTER FT OR MI TAX MAP: BLK: PARCEL

WELL INFORMATION

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

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co A59276B COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 01/11/00 AMY M MCGEE 01/11/01 CO SIGNATURE EXP. DATE NORTH GRID 522 000 EAST GRID 790 000

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROTary 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 DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

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

APPROX. PERMIT NUMBER HO 99 GAP G015 PERMIT No. HO-94-2537

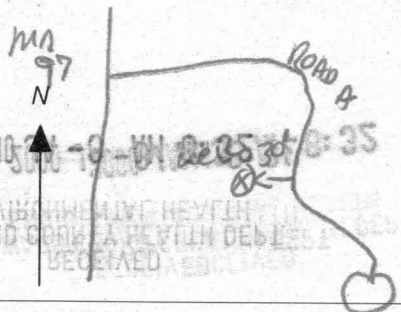
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. well 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 790 N 522

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



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2537  
 Location of property (road) Cattail Oaks  
 Subdivision Peacefields @ Cattail Lot 2 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller Ralph Mayne Owner TBI HOMES

Depth of well 240  
 Distance of measuring point (M.P.) above ground 2<sup>nd</sup>  
 Static water level (S.W.L.) below M.P. 47<sup>th</sup>

I. High rate pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 12 GPM  
 Total time 15 min to reach pumping water level 100 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)	
8:45	100 <u>H</u>	12 Sec	<del>Flow Meter Reading (if used)</del>	5 GPM	
9:00	100 <u>H</u>	12 Sec		5 GPM	
9:15	100 <u>H</u>	12 Sec		5 GPM	
9:30	100 "	12 "		5 "	
9:45	100 "	12 "		5 "	
10:00	100 "	12 "		5 "	
10:15	100 <u>H</u>	12 Sec		5 GPM	
10:30	100 <u>H</u>	12 Sec		5 GPM	
10:45	100 <u>H</u>	12 Sec		5 GPM	
11:00	100 "	12 "		5 "	
11:15	100 "	12 "		5 "	
11:30	100 <u>H</u>	12 Sec		5 GPM	
11:45	100 <u>H</u>	12 Sec		5 GPM	

inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: S.K. Plumbing & Heating Inc. Telephone #: 410-775-0522  
Address: 1230 F.S. Kellum  
Keener MD 21757

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): Virgil Keen License # 12285  
\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Tripty Homes Telephone #: 410-313-8722  
Subdivision: Woodsfields At Cattail Creek Lot #: 2 Well Tag #: RO-94-2537  
Site Address: 15524 Cattail Oaks

**Submersible Pump Data**  
Make: Jacuzzi Pitless Adapter Make: Horus Well Cap and Electric Conduit  
Model #: 75HSIAB-S2 Model #: \_\_\_\_\_ Two piece watertight cap: yes  
Pump Capacity 5 GPM Depth: 42" (36" min) Screened, vented well cap: yes  
Well Yield: 5 GPM NSF approved: yes Cap secured to casing: yes  
Depth of well encountered at time of pump installation: 240 (feet) Conduit min 1 1/2" R.G.: yes  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Torque arrestors or Cable guards are required - Must circle one Sleeve  
Safety rope, if used, attached to inside of well casing with eye bolt yes

**Piping to house** **House Connection**  
Type: PP PVC sleeved to undisturbed soil at wall penetration: yes  
PSI: 160 (160 psi min) Approximate length of sleeve: 5' to 7'  
Depth of supply line: 42" (36" min) Sleeve caulked and sealed properly: yes

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation \_\_\_\_\_ date 5/11/01

**For Health Department Use Only - Not to be completed by Installer**

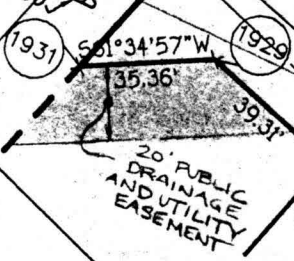
Date Insp. Requested: 5/11/01 Date Insp. Approved: 5/11/01  
Inspection Data: Pitless adapter and water supply line at least 36" below grade ✓  
Two piece cap installed and attached to casing securely ✓  
Elec. conduit extends at least 1 1/2" below grade/attached to cap properly ✓  
Safety rope installed inside of well casing ✓  
Correct well tag attached properly and casing 8" above finished grade ✓  
Water supply line sleeved adequately at house connection ✓  
Adequate ground observed below pitless adapter ✓

BB

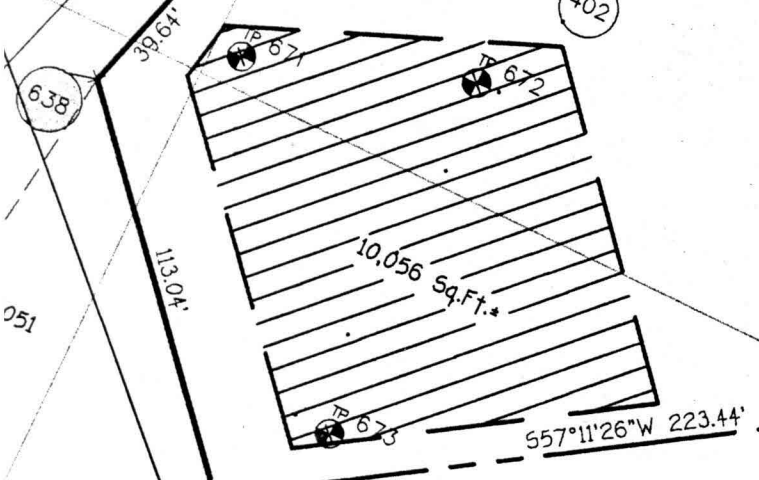
MARYLAND ROUTE 97

EDGE OF ROAD

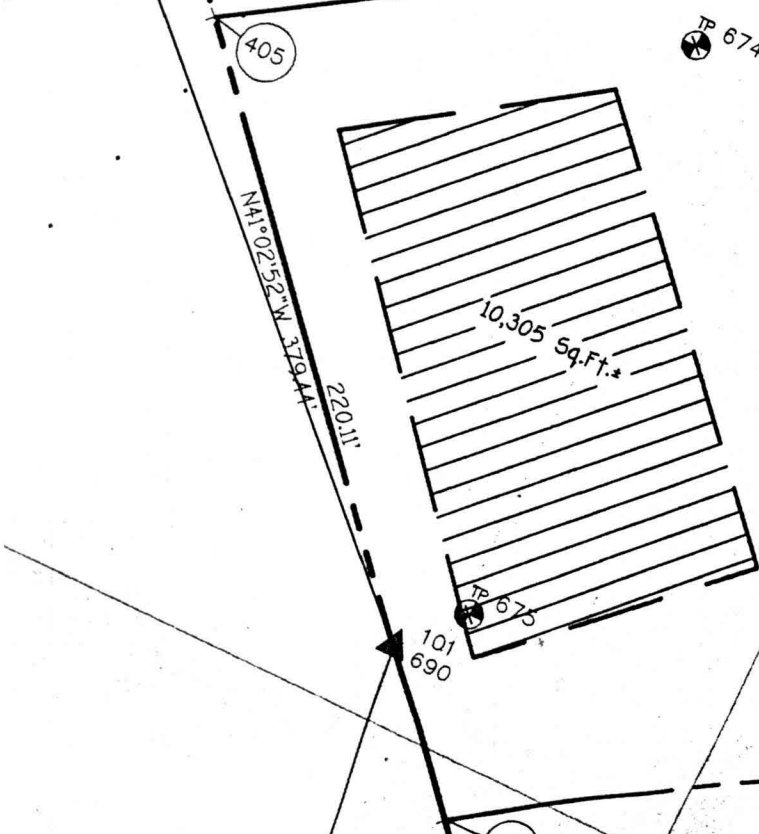
HOMEOWNER'S ASSOCIATION PRESERVATION PARCEL C



1" Iron Pipe Found (0.31' NW To Title) G+E Pole 385926 To Be Relocated

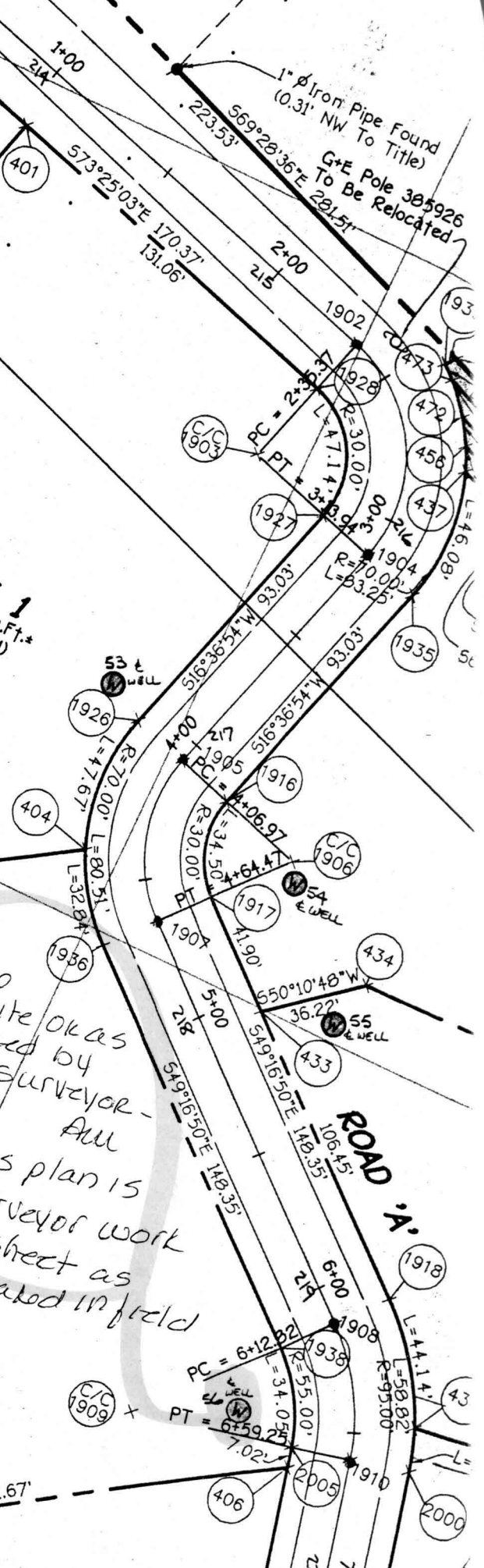


LOT 1 19,596 Sq.Ft. (SET = 10)



LOT 2 50,030 Sq.Ft. (SET = 102)

11/1/00 Well site OK as staked by surveyor - All This plan is surveyor work sheet as staked in field



ROAD 'A'