Site Address: 155 Brookview Rd - Statesville.

# IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 MOORESVILLE 704-664-5281

## IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM INSPECTION

PERMIT# 101090 PIN# 4756-23-5934 ✓ DATE 7-18-01

OWNER OR CONTRACTOR FAMILY LMTD TSUMAS PHONE: Business 704-636-7954 Home

ADDRESS 300 EAST BROAD STREET SUITE 103 STATESVILLE, NC 28677

LOCATION HWY 21N, (L) JANE SOWERS, (R) CRAWFORD, (L) BROOKVIEW, ON LEFT

SUBDIVISION BRANTWOOD BLOCK / SECTION LOT 1 LOT AREA 0.6097 AC SITE CLASS. PS DESIGN FLOW 360 L.T.A.R. .25

Septic Tank: 1000 Gallons; STB 825 Date 7-10-01
Pump Tank: 1000 Gallons; PT 302 Date 8-7-01
Pump Make: ZOELLER Model N137-C Serial No. 137-0602
Nitrification Field: No Fields 1 Square Feet EQ=1200 Linear Feet 240'
No Lines 5 Trench Width 24" Max Trench Bottom Depth 36" Gravel Depth N/A

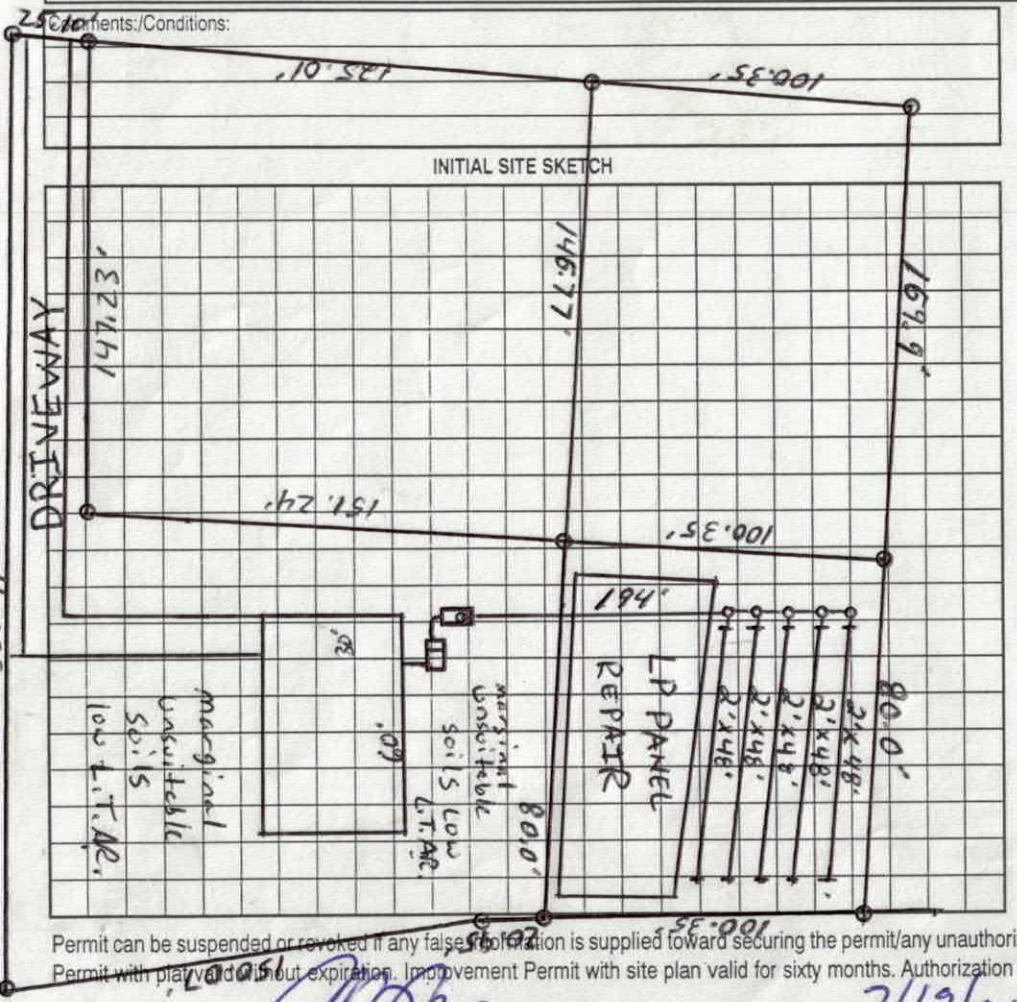
☒ New System ☐ Repair System Type: I, II, III, (IV), V, VI
System Description: LP PANEL
Repair System Description: LP PANEL
Maintenance Agreement Required: ☒ Yes ☐ No

☒ House/Mod. Home No. Bedrooms 3
☐ Mobile Home No. Bathrooms 2
☐ Business No. Employees
☐ Other
☐ Slab ☒ Crawl Space ☐ Basement w/plumbing ☐ Basement wo/plumbing

Water Supply: ☐ Individual ☒ Public ☐ Community

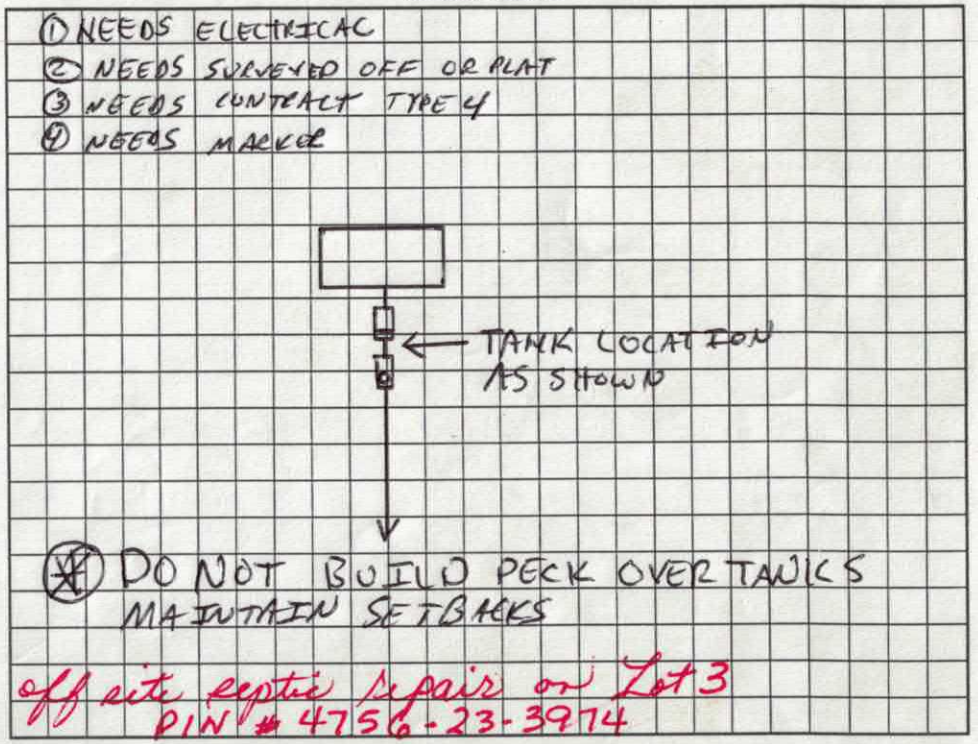
Comments:/Conditions:

INITIAL SITE SKETCH




Comments:/Conditions: 194' LENGTH / 6" FALL - 5' RISE
① USE 11 PANELS IN EACH DITCH TO TOTAL 55 PANELS
② MAINTAIN SETBACKS ③ CALL IF HAVE ANY QUESTIONS
POLYLOK FILTER, PRESSURE SET

AS BUILT SKETCH




Permit can be suspended or revoked if any false information is supplied toward securing the permit/any unauthorized changes are made to the site/any unauthorized changes are made in the installation of the system. Improvement Permit with plat valid without expiration. Improvement Permit with site plan valid for sixty months. Authorization to Construct is valid for a period equal to that of Improvement Permit – not to exceed sixty months.

Signed: date 7/19/01 Installed by: ROWAN SEPTIC

Improvement Permit by: PSI date 7-18-01 Operation Permit by: STEVE HENDRICK date 10-26-01

Authorization to Construct by: PSI date 7-18-01 Existing System Inspection by: date

DEPARTMENT OF ENVIRONMENTAL HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: _____

# SOIL/SITE EVALUATION
## *for* ON-SITE WASTEWATER SYSTEM

101090
4756-23-5934

OWNER: _____ APPLICANT: _____
ADDRESS: BRANTWOOD LOT 1 APPLICATION DATE: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

(5) 0-3 scl, wk, gr f, ns, np, nexp
3-36 c, med, sbk/abk fi, s, p, sexp
36-48 c, med, sbk/abk fi/f, s, p, sexp

| PROFILE # | .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFIL CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3% | 0-3" | wk, gr, sl | fr, ns, np, nexp | | | | | FRENCH DRAIN .15 |
| | | 3-14" | scl, wk, gr | fr, ns, np, nexp | | | | | |
| | | 14-36" | cl, med, sbk | fr, s, p, sexp | croma 3 | | | | |
| | | 36-48" | c, med, abk | fr/fi, s, p, sexp | croma 3/4 | | | | |
| 2 | 3% | 0-3" | sl, wk, gr | fr, ns, np, nexp | | | | | FRENCH DRAIN .1 |
| | | 3-36" | cl, wk, abk | fr, s, p, sexp | croma 3 | | | | |
| | | 36-48" | c, med, abk | fi, s, p, sexp | croma 3/4 | | | | |
| 3 | 3% | 0-3" | sl, wk, gr | fr, ns, np, nexp | | | | | FRENCH DRAIN .15 |
| | | 3-14" | scl, wk, gr | fr, s, p, sexp | | | | | |
| | | 14-36" | cl, med, abk | fr, s, p, sexp | croma 3 | | | | |
| | | 36-48" | c, med, abk | fr/fi, s, p, sexp | croma 3/4 | | | | |
| 4 | 4% | 0-3 | scl, wk, gr | fr, ns, np, nexp | | | | | .25 |
| | | 3-48" | c, med, sbk/abk | fi/f, s, p, sexp | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | YES | YES |
| System Type(s) | LP PANEL | LP PANEL |
| Site LTAR | .25 | .2 |

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. COOK
OTHER(S) PRESENT: JACK MOORE, BRADY FREEMAN PROGRAM SPECIALIST

# LEGEND

*use the following standard abbreviations*

| LANDSCAPE POSITION | GROUP | SOIL TEXTURE | CONVENTIONAL .1955 LTAR | LPP .1957 LTAR | MINERALOGY/ CONSISTENCE | STRUCTURE |
|---|---|---|---|---|---|---|
| CC (Concave Slope)<br>CV (Convex Slope)<br>D (Drainage Way)<br>DS (Debris Slump)<br>FP (Flood Plain)<br>FS (Foot Slope)<br>H (Head Slope)<br>L (Linear Slope)<br>N (Nose Slope)<br>R (Ridge)<br>S (Shoulder Slope)<br>T (Terrace) | I | S (Sand)<br>LS (Loamy Sand) | 1.2 - 0.8 | 0.6 - 0.4 | NEXP (Non-expansive)<br>SEXP (Slightly Expansive)<br>EXP (Expansive) | G (Single Grain)<br>M (Massive)<br>CR (Crumb)<br>GR (Granular)<br>SBK (Subangular Blocky<br>ABK (Angular Blocky)<br>PL (Platy)<br>PR (Prismatic) |
| | II | SL (Sandy Loam)<br>L (Loam) | 0.8 - 0.6 | 0.4 - 0.3 | | |
| | III | SI (Silt)<br>SICL (Silty Clay Loam)<br>CL (Clay Loam)<br>SCL (Sandy Clay Loam)<br>SLC (Silt Loam Clay) | 0.6 - 0.3 | 0.3 - 0.15 | | |
| | | | | | MOIST | WET |
| | IV | SC (Sandy Clay)<br>SIC (Silty Clay) | 0.4 - 0.1 | 0.2 - 0.05 | VFR (Very Friable)<br>FR (Friable)<br>FI (Firm)<br>VFI (Very Firm v. Very Sticky)<br>EFI (Extremely Firm) | NS (Non-sticky)<br>SS (Slightly Sticky)<br>S (Sticky)<br>VS (Very Sticky)<br>NP (Non-plastic)<br>SP (Slightly Plastic)<br>P (Plastic)<br>VP (Very Plastic) |
| | | O (Organic) | None | | | |

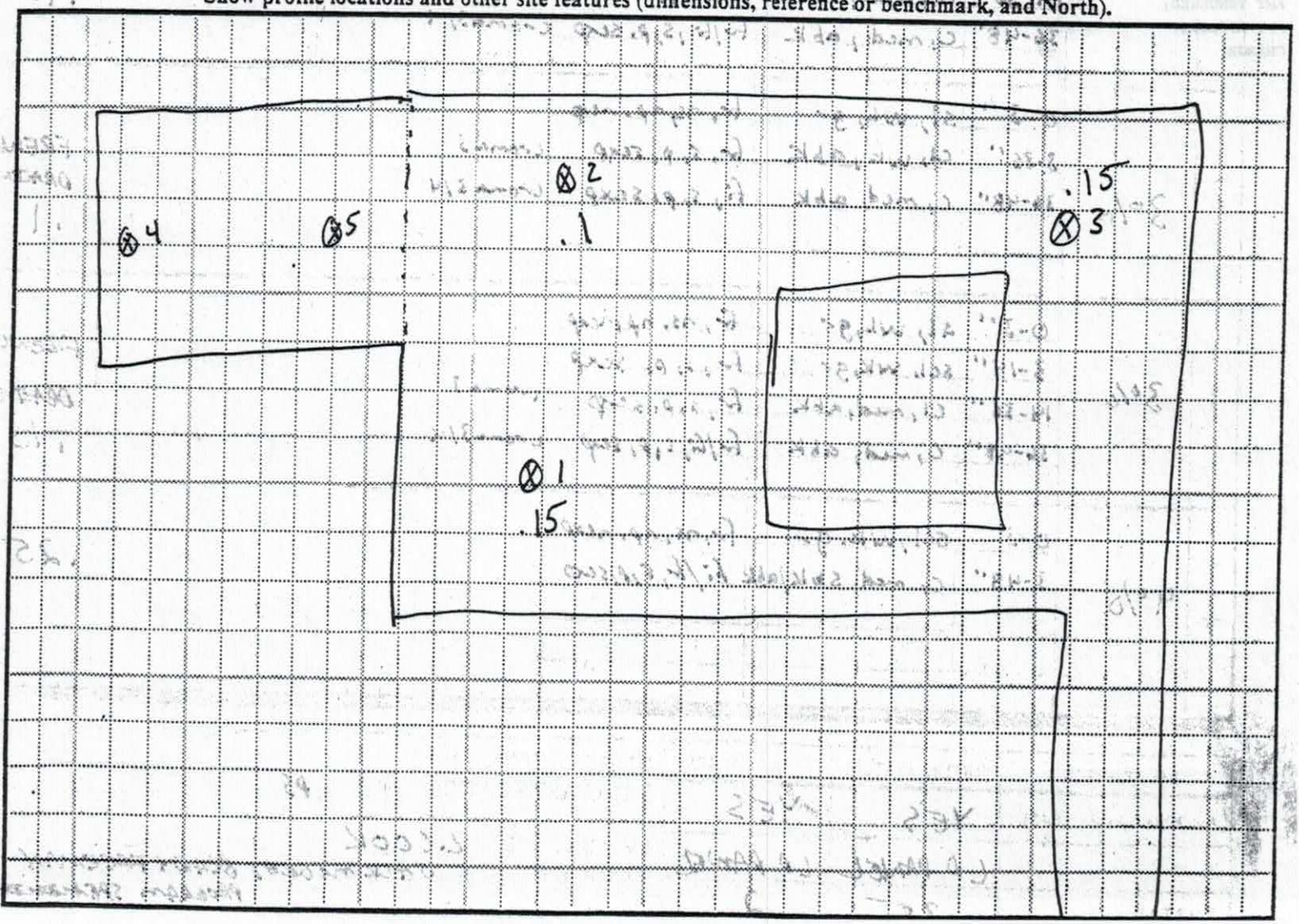
*NOTES*

| | |
|---|---|
| *HORIZON DEPTH* | In inches below natural soil surface |
| *DEPTH OF FILL* | In inches from land surface |
| *RESTRICTIVE HORIZON* | Thickness and depth from land surface |
| *SAPROLITE* | S(suitable) or U(unsuitable) |
| *SOIL WETNESS* | Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation |
| *CLASSIFICATION* | S (Suitable), PS (Provisionally Suitable), or U (Unsuitable) |

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

**Show profile locations and other site features (dimensions, reference or benchmark, and North).**



# BRANTWOOD LOT 1

194'

6" FALL - 5' RISE

11
11
11
11
11
55 PANELS

55 PANELS × 0.59 (3/16 Hole) = 32.45 gpm = 33 gpm

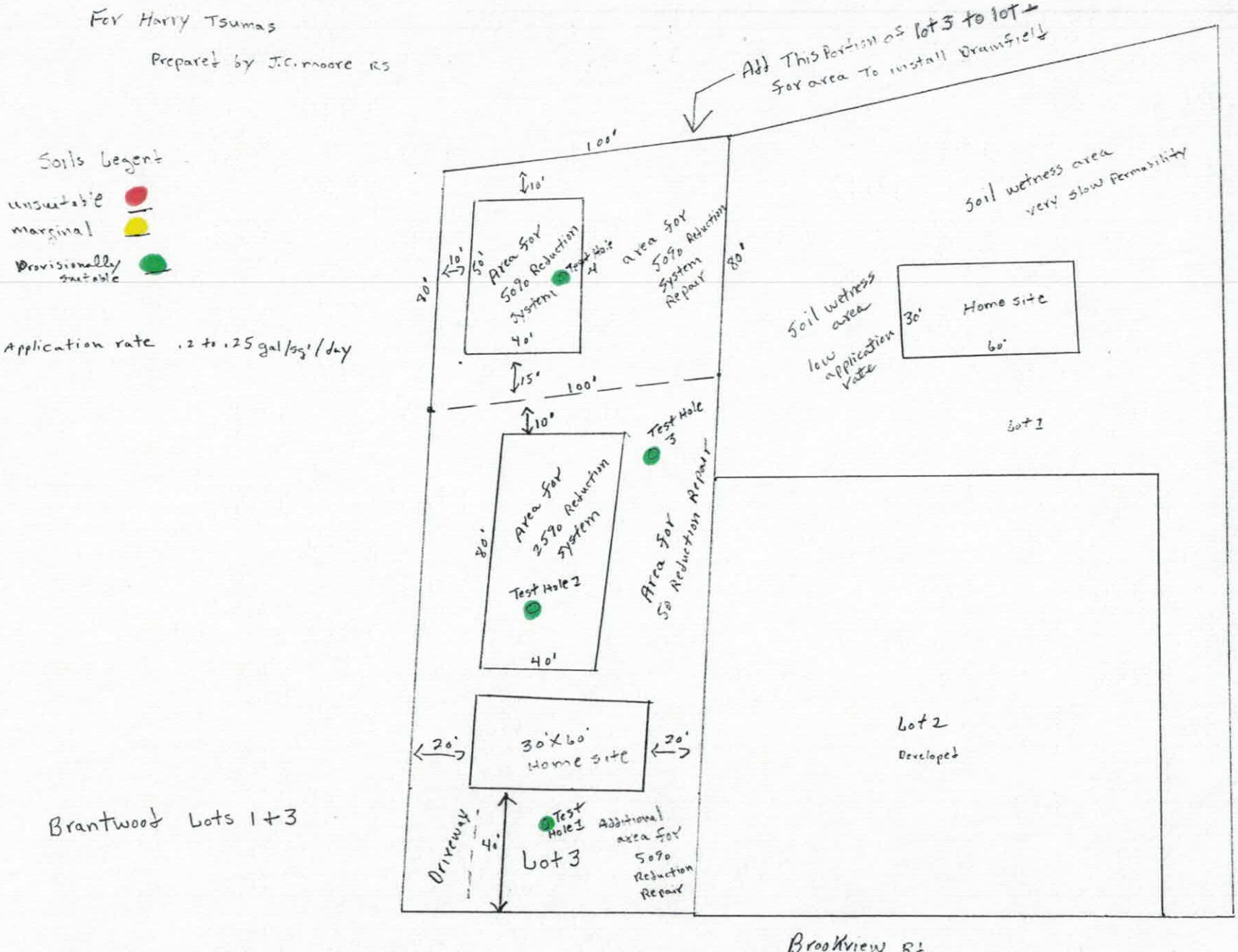
1.78 (FRICTION LOSS PER 100 FEET) × 1.94% = 3.4532 FRICTION LOSS

3.4532 × 1.2 (ALWAYS SAME) = 4.14384 ≃ 5 FRICTION HEAD

ELEVATION HEAD = 10
FRICTION HEAD = 5
WORKING HEAD = 2
17 TDH

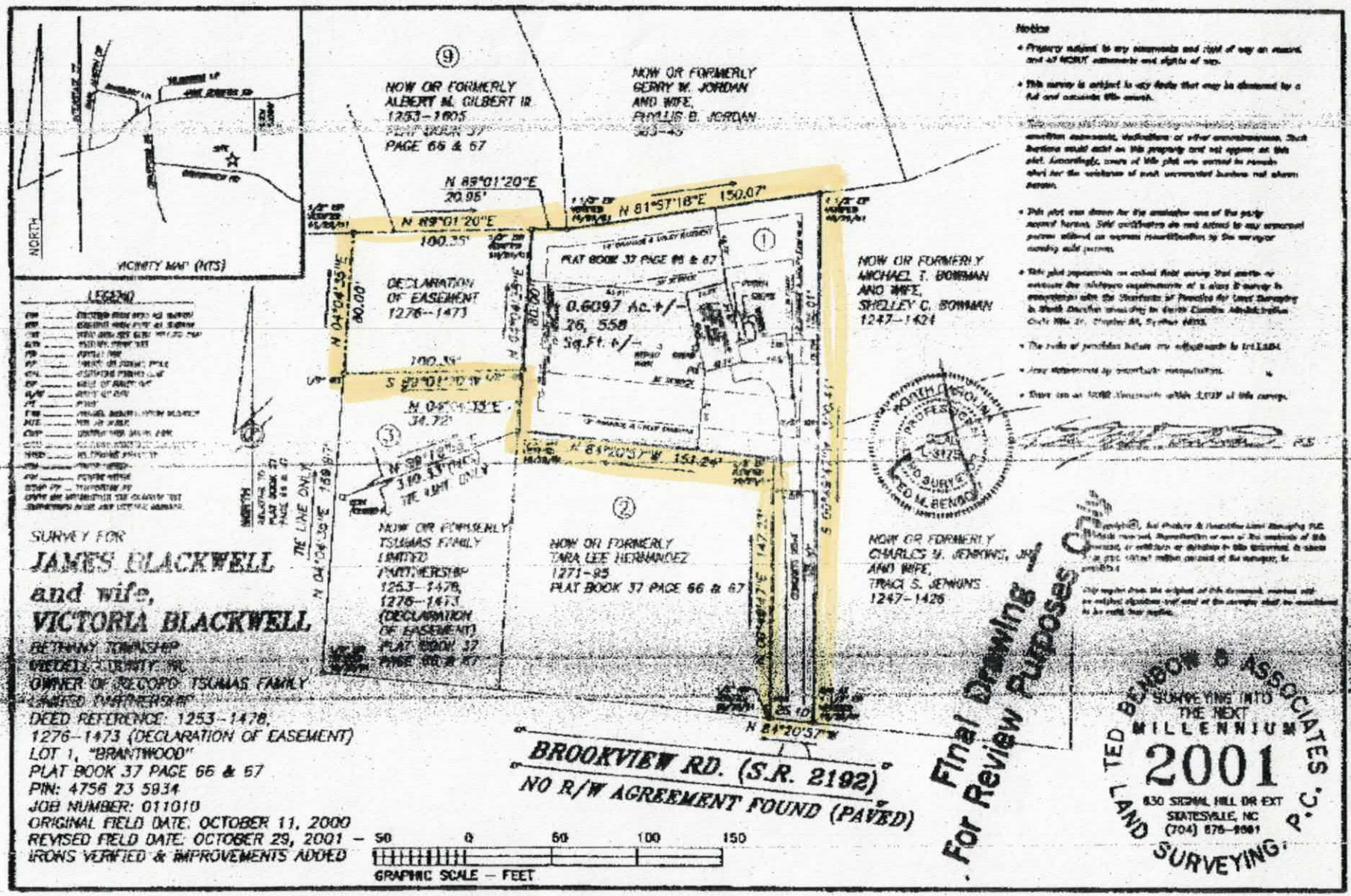
For Harry Tsumas

Prepared by J.C. moore RS




Brantwood Lots 1+3

Brookview Rd




REDUCED: NOT TO SCALE

Workflow 9999-00017817

BOOK 1276
PAGES 1473 - 1474
Iredell County, NC
Recorded 07/30/2001 03:41:55pm
No 9999-00017817 1 of 2 pages
Brenda D. Bell, Register of Deeds

Prepared by: L. Ragan Dudley, Attorney at Law
Statesville, NC 28677

NORTH CAROLINA )
)
IREDELL COUNTY )

**DECLARATION OF EASEMENT**

THIS DECLARATION, made this 30th day of July, 2001, by Tsumas Family Limited Partnership (hereinafter referred to as "Owner");

**WITNESSETH**

WHEREAS, Owner now owns two (2) contiguous tracts or parcels of land located in Iredell County, North Carolina, more particularly described as Lot 1 and Lot 3 of Brantwood Subdivision as shown in Plat Book 37, Page 66, Iredell County Registry; and

10/2

WHEREAS, Owner desires to sell Lot 1 and Lot 3 of Brantwood Subdivision with dwellings located and/or to be constructed thereon; and

WHEREAS, Owner has agreed to establish a septic repair easement for the benefit of Lot 1 to be located at the rear of Lot 3 of Brantwood Subdivision for the purpose of satisfying conditions to obtain septic system permits for Lot 1 and Lot 3 of Brantwood Subdivision as shown in Plat Book 37, Page 66, Iredell County Registry;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration, the receipt by Owner of which is hereby acknowledged, Owner does hereby declare and convey a septic repair easement for the benefit of Lot 1 to be located on the rear portion of Lot 3 as follows:

1. That the Owner does hereby declare, grant and convey a perpetual right and easement to construct, repair and maintain a septic tank system with panels for the benefit of Lot 1 of Brantwood Subdivision across and upon Lot 3 of Brantwood Subdivision and located more specifically as follows:

> BEGINNING at the northwestern corner of Lot 3 of Brantwood Subdivision and running with the rear line of Lot 3 in easterly direction 100.35 feet to the line of Lot 1 of Brantwood Subdivision; thence running with the line dividing Lot 1 and Lot 3 of Brantwood Subdivision in a southerly direction 80.00 feet to a point; thence in a westerly direction 100.35 feet across Lot 3 to the eastern line of Lot 3 of Brantwood Subdivision; thence in a northerly direction 80.00 feet to the point and place of BEGINNING.

2. That said easement shall be for the purpose of septic tank and panel repair in order that proper septic tank services may be provided to Lot 1 of Brantwood Subdivision for residential use in accordance with a Septic System Permit issued by the Iredell County

Health Department on 19 July 2001.

3. That the foregoing septic repair easement shall run with and be appurtenant to the parcels hereinabove described, and shall be binding upon the successors and assigns of the owners of said parcels.

4. That this declaration may be amended or terminated by an instrument in writing that has been duly executed by the appropriate parties to become effective upon the recordation of such instrument in the Office of the Register of Deeds of Iredell County.

IN WITNESS WHEREOF, the Declarants have hereunto set their hands and seals, as of the day and year first above written.

TSUMAS FAMILY LIMITED PARTNERSHIP

Harry M Tsumas

BY: Harry M. Tsumas, General Partner

**********

NORTH CAROLINA - IREDELL COUNTY

Before me, a Notary Public for the County and State aforesaid, this date personally appeared Harry M. Tsumas who acknowledged that he is a General Partner of Tsumas Family Limited Partnership and acknowledged, on behalf of Tsumas Family Limited Partnership, the due execution of the foregoing instrument for the purposes therein expressed.

**WITNESS** my hand and Notarial Seal on this the 30th day of July, 2001.

My Commission expires:
July 11 2004

Kathy W. Little
Notary Public

KATHY W. LITTLE NOTARY PUBLIC IREDELL COUNTY, NC

The foregoing Certificate(s) of Kathy W. Little

is/~~are~~ certified to be correct. This instrument and this certificate are duly registered at the date and time and in the Book and Page shown on the first page hereof.

Brenda D. Bell REGISTER OF DEEDS FOR Iredell COUNTY

By Eunice M Hayes Deputy / ~~Assistant~~-Register of Deeds.

**IREDELL COUNTY HEALTH DEPARTMENT**
**ENVIRONMENTAL HEALTH DIVISION**
**Application For Improvement Permit**

**ALL** items on this application form must be completed before Health Department can begin work. One application must be completed by the property owner or agent for each (proposed) site.

PERSONAL INFORMATION:

| Applicant | Phone # | Mailing Address | City | State | Zip Code |
|---|---|---|---|---|---|
| Spear Construction Co Inc | 2024964 | 607 Anderson Ave | Salisbury | NC | 28144 |
| Trusses Limited LLC | | 300 E. Bond St | Statesville | NC | 28677 |

Current Property Owner

PROPERTY INFORMATION:

| (Proposed) Subdivision Name | (Proposed) Lot # | (Proposed) Block/Section # | State Road # |
|---|---|---|---|
| Brantwood | 1 | | |

| (Proposed) Water Supply: Public, Private Well | **Preliminary Plat Approval Date** (DEVELOPERS ONLY) | Tax Map # |
|---|---|---|
| Iredell County Water System | | |

Specific Directions to Property Jane Sowers to Comfort (Right) (left) Rockwell 1/2 mile

TYPE OF FACILITY: (use check (X) or number as appropriate)

House X Mobile Home _____ Commercial _____ No. Bedrooms 3 No. Baths 2

No. Persons or Employees (commercial only) _____ Basement _____ Basement with Plumbing _____

Crawl Space X Concrete Slab _____ Garbage Disposal _____ Jaccuzi or spa _____

COVENANT AND SIGNATURE:

I hereby make application to the Iredell County Health Department for a soils/site evaluation of the property described above. This evaluation is to be conducted for the sole purpose of obtaining a septic system Improvement Permit. I hereby authorize Iredell County Health Department representatives to go onto the above property for purposes of conducting this evaluation. I understand that, by state law, any Improvement Permit issued on the above property may be voided if substantial changes are made to the designated sewage system site. The issuance of an Improvement Permit by the Iredell County Health Department does not relieve me from compliance with all other relevant state/local laws or regulations. As owner or authorized agent, I covenant that the contents of this application are true and represent the maximum facilities intended to be placed on this property to my knowledge to date.

I understand that any Improvement Permit issued on the above property is valid for five (5) years from the issuance date and is subject to revocation if the above described site plans or intended use changes.

6/6/01 DATE _____ SIGNATURE OF OWNER/AUTHORIZED AGENT

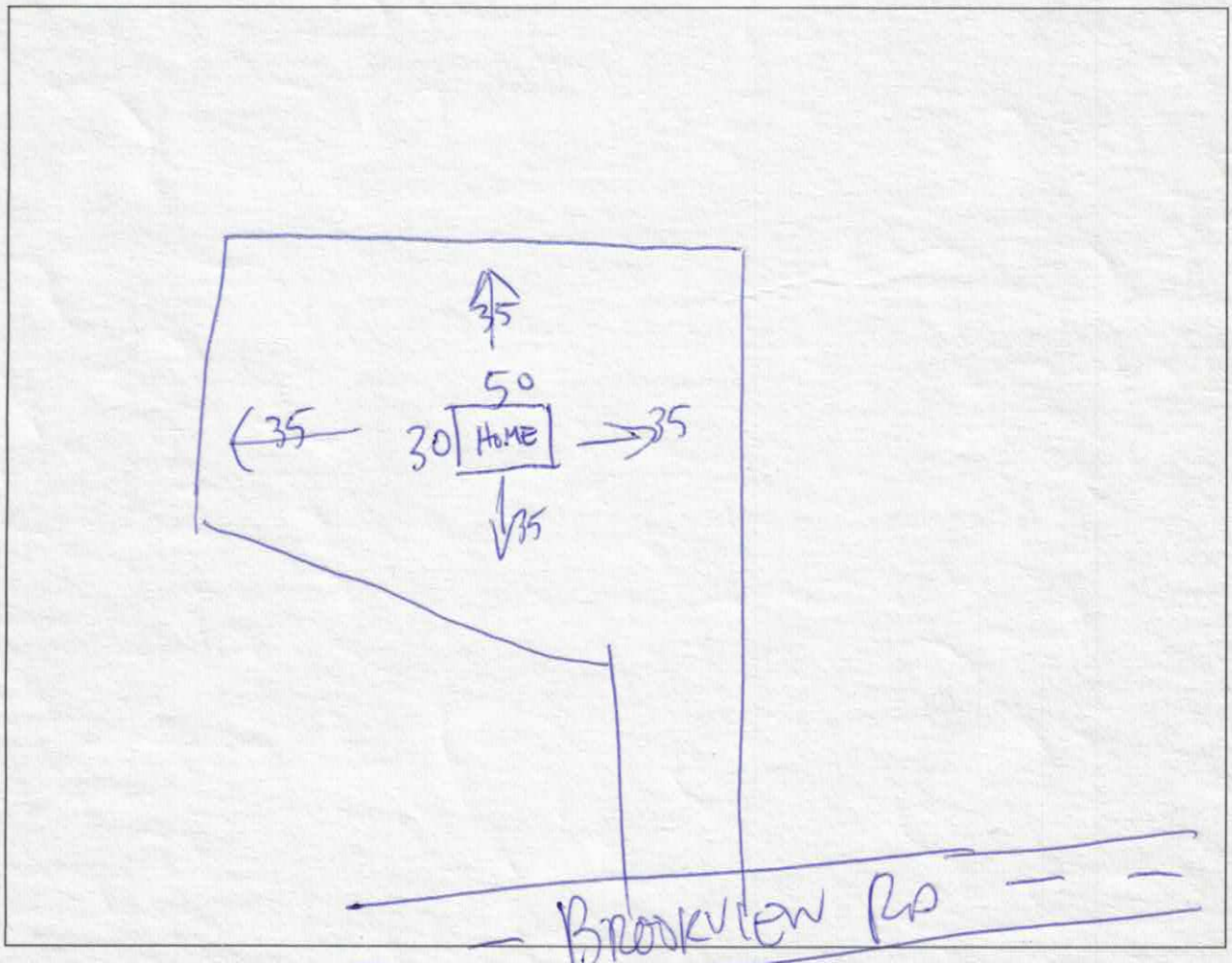
**IREDELL COUNTY HEALTH DEPARTMENT**
**ENVIRONMENTAL HEALTH DIVISION**
**Application For Improvement Permit**
**Site Plan Form**

Brookview Lot #1

INSTRUCTIONS TO APPLICANT: (Items in Parentheses are to be performed by DEVELOPERS ONLY)

All property corners must be staked and flagged with dimensions matching those shown on an approved final (preliminary) plat (**and** proposed house dimensions must be staked and flagged) before the Iredell County Health Department can begin review work on this proposed site. An application for an Improvement Permit is considered complete **only** when this site plan form is completed, signed, and attached to the application form.

**As Close To Scale As Is Possible:** 1. Draw in the proposed lot showing **all** proposed lot dimensions and orientation to proposed streets or roads. 2. Draw in the proposed structure showing dimensions and distances to property lines (include decks, walkways, etc.). E. Draw in the proposed driveway location. 4. Draw in all wells, both existing and proposed, including those on adjacent property (if known). 5. Draw in any other structure ie. sheds, outbuildings, pools, etc. which will occupy space on the proposed lot.




I hereby convenant that the above representation is correct to the best of my knowledge and ability.

6/6/01 Date _____ SIGNATURE OF OWNER/AUTHORIZED AGENT

**Iredell County**
**Planning & Enforcement**
**227 S. Center St. PO Box 788**
**Statesville, NC 28687**
**704-878-3113**

85161

**Zoning Permit**
**Permit Number:** 101090ZO


Printed: 6/6/2001

**Master #:** 101090

**Associated Permits:**
101090ZO Zoning

**Applicant**
**Name:** Family Lmtd Tsumas
**Address:** 300 E Broad Street Suite 103
Statesville, NC 28677

**Parcel**
**Parcel Number:** 4756-23-5934
**Address:** Brookview Rd.
**Township:** 11
**Subdivision:** Brantwood
**Zoning:** R-20
Statesville, NC 28677
**Block:** 4756
**Lot(s):** 1

**Owners**
**Name:** Family Lmtd Tsumas
**Address:** 300 E Broad Street Suite 103
Statesville, NC 28677

**Fees and Receipts:**

| Number | Description | Amount |
|---|---|---|
| FEE-5395-01 | Zoning Permit | $31.50 |
| FEE-5396-01 | Environmental Health - Type I or II System | $175.00 |
| | **Total Fees:** | **$206.50** |
| REC-3659-01 | | $206.50 |
| | **Total Receipts:** | **$206.50** |

**Permit Information:**

| | |
|---|---|
| Max Built Upon Area: | |
| Watershed: | None |
| Flood Zone: | No |
| Set Backs: | F35 S15 R35 |
| Minimum Lot Size: | 20000 |
| Minimum Lot Width: | 100 |

Min # Parking Spaces:
Land Use Permitted: Yes
Site Plan Reviewed:
Staff:
Zoning Permit: Yes
Septic Typet: New System
Proposed Use: Single Family
Property Recorded: Yes
Community Water: Yes
Provider: Iredell Water Corp.
Community Sewer: No
Provider:
Date:

Additional Conditions:
Comments:

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The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. Applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibilty of the affected parties.

Applicant: _____ Date 10/6/04

*A non-refundable fee of $32.00 is charged on all permit applications*

Permit Number: 101090ZO