IREDELL COUNTY HEALTH DEPARTMENT

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

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

(C1)

PERMIT# TROUTMAN 05-03-07 / 42519 PIN# 4731-23-6097 DATE 4-21-07

OWNER OR APPLICANT MEDALLION PROPERTIES, INC PHONE: Business 704-634-1185 Home

ADDRESS 185 WHIPPOORWILL ROAD, MOORESVILLE, NC 28117

LOCATION US 21 SOUTH, TR TALLEY STREET, TL TALLEY RIDGE DRIVE, 2ND LOT ON LEFT

SUBDIVISION TALLEY RIDGE BLOCK / SECTION LOT 18 LOT AREA 21,815 ft² SITE CLASS. PS DESIGN FLOW 360 L.T.A.R. 0-25 GPD/ft²

Septic Tank: 1000 Gallons: STB 825 Date 6-29-07

Pump Tank: 1000 Gallons: PT 302 Date 5-20-07

Pump Make: Zoeller Model N-153 Serial No.

Nitrification Field: No Fields 1 Square Feet EQUIV 1440 Linear Feet 240

No Lines FIVE Trench Width 24" Max Trench Bottom Depth 36" Min Depth 24"

☑ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI

System Description: 50% REDUCTION, LOW-PRESS

Repair System Description: 50% REDUCTION, LOW-PRESSURE

Maintenance Agreement Required: ☑ Yes ☐ No

☐ House/Mod. Home ☐ Mobile Home ☐ Business ☐ Other

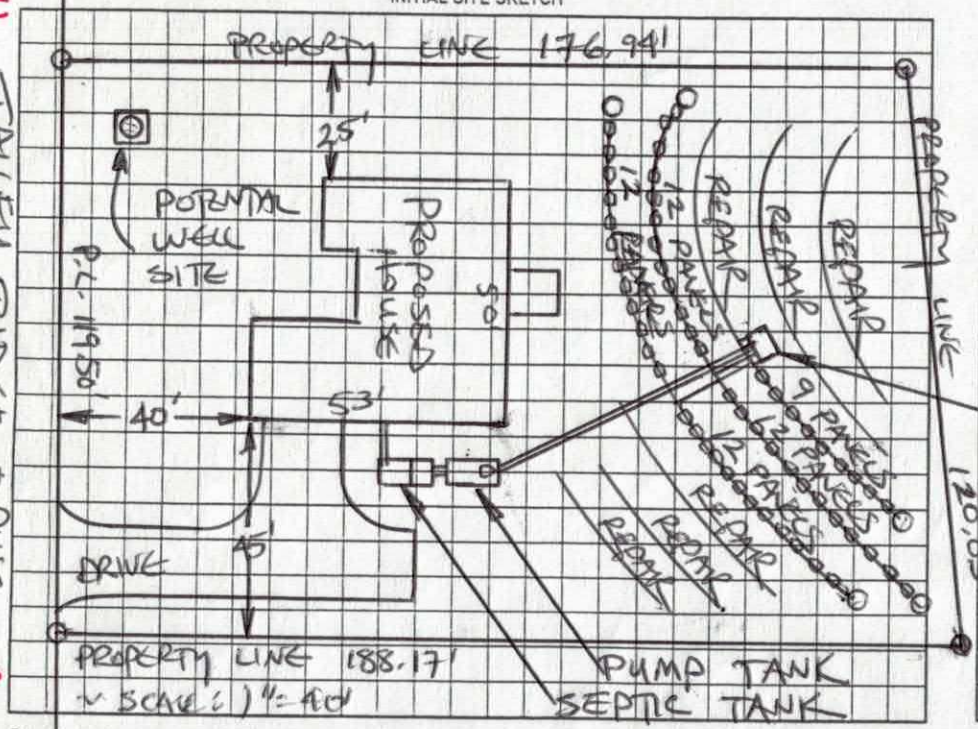
No. Bedrooms 3 No. Persons ___ No. Employees ___

Water Supply: ☑ Individual ☐ Public ☐ Community WELL

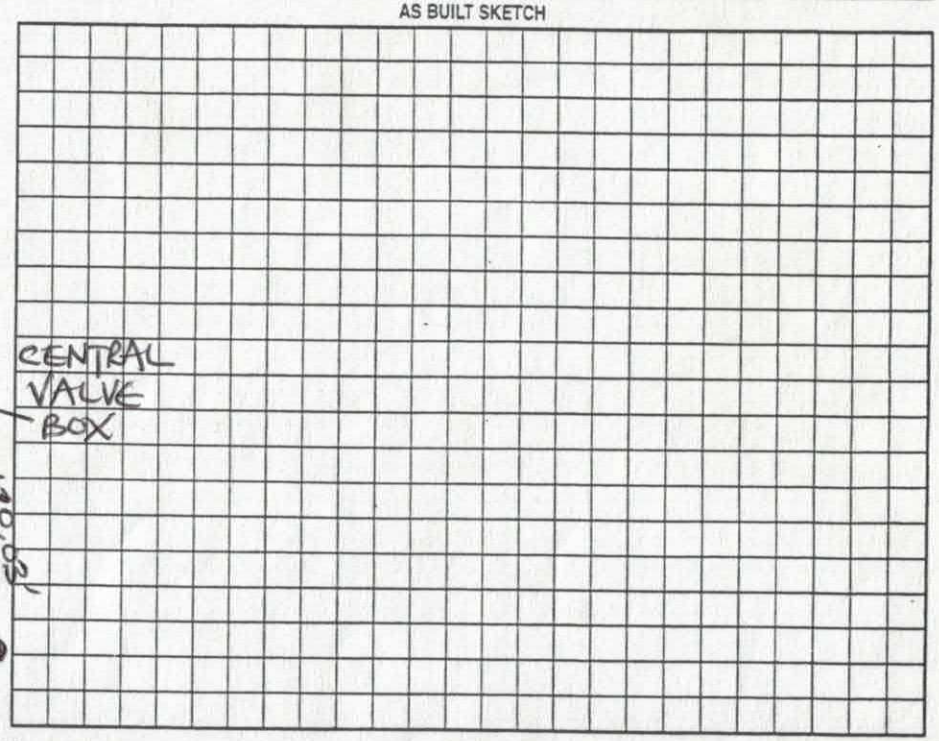
☐ Gravity ☑ Pressure ☐ Slab ☑ Crawl Space ☐ Basement w/plumbing ☐ Basement wo/plumbing

Comments/Conditions: ① INSTALL 50% REDUCTION SYSTEM ON CONTOUR AS SHOWN USING 57 PPBS PANELS, on Contour ② SEE ATTACHED SHEETS FOR PUMP & LOW-PRESSURE REQUIREMENTS ③ A CONTRACT SHALL BE EXECUTED BETWEEN SYSTEM OWNER & A MAINTENANCE ENTITY PRIOR TO ISSUANCE of OPERATION PERMIT - Blue Fitel

INITIAL SITE SKETCH



AS BUILT SKETCH



111 TALLEY RIDGE DRIVE - Autm

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: Bill Campagna date 4/24/07

Improvement Permit by: STEVE HENDRICK date 4-21-07

Authorization to Construct by: STEVE HENDRICK date 4-21-07

Installed by: Rowan Septic

Operation Permit by: R.S. date 23 August 07

Existing System Inspection by: date

HEALTH DEPT. COPY: WHITE OWNER COPY (FINAL): YELLOW OWNER COPY (INITIAL): PINK

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #:
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

4731-23-6097

OWNER: MEDALLION PROPERTIES, INC
ADDRESS: 185 WHIPPOORWILL ROAD, MOORESVILLE, NC 28117
PROPOSED FACILITY: 3 BR HOUSE PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: TALLEY RIDGE LOT #18
WATER SUPPLY: ☑ Private ☐ Public ☑ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☑ Pit ☐ Cut

APPLICATION DATE 22MAR07
DATE EVALUATED: 20APR07
PROPERTY SIZE: 21,815 FT²
PROPERTY RECORDED:
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	SLIGHT N 22	0-17	SBK CL	FR Stky					PS
		17-40	ABK C	FR S/SP Stky					0.3
		40-48	SBK CL	FR Stky					
2	SLIGHT N 32	0-9	SBK CL	FR Stky					PS
		9-38	ABK C	FR S/SP Stky					0.25
		38-48	SBK CL	FR Stky					
3	SLIGHT N 42	0-10	SBK CL	FR Stky					PS
		10-48	ABK C	FR/FI S/SP Stky					0.25
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	IV	IV
Site LTAR	0.25	0.25

OTHER FACTORS (.1946): NONE
SITE CLASSIFICATION (.1948): PS

EVALUATED BY: S. HEDRICK
OTHER(S) PRESENT: WILL CAMPAGNA

COMMENTS:

LEGEND

use the following standard abbreviations

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

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

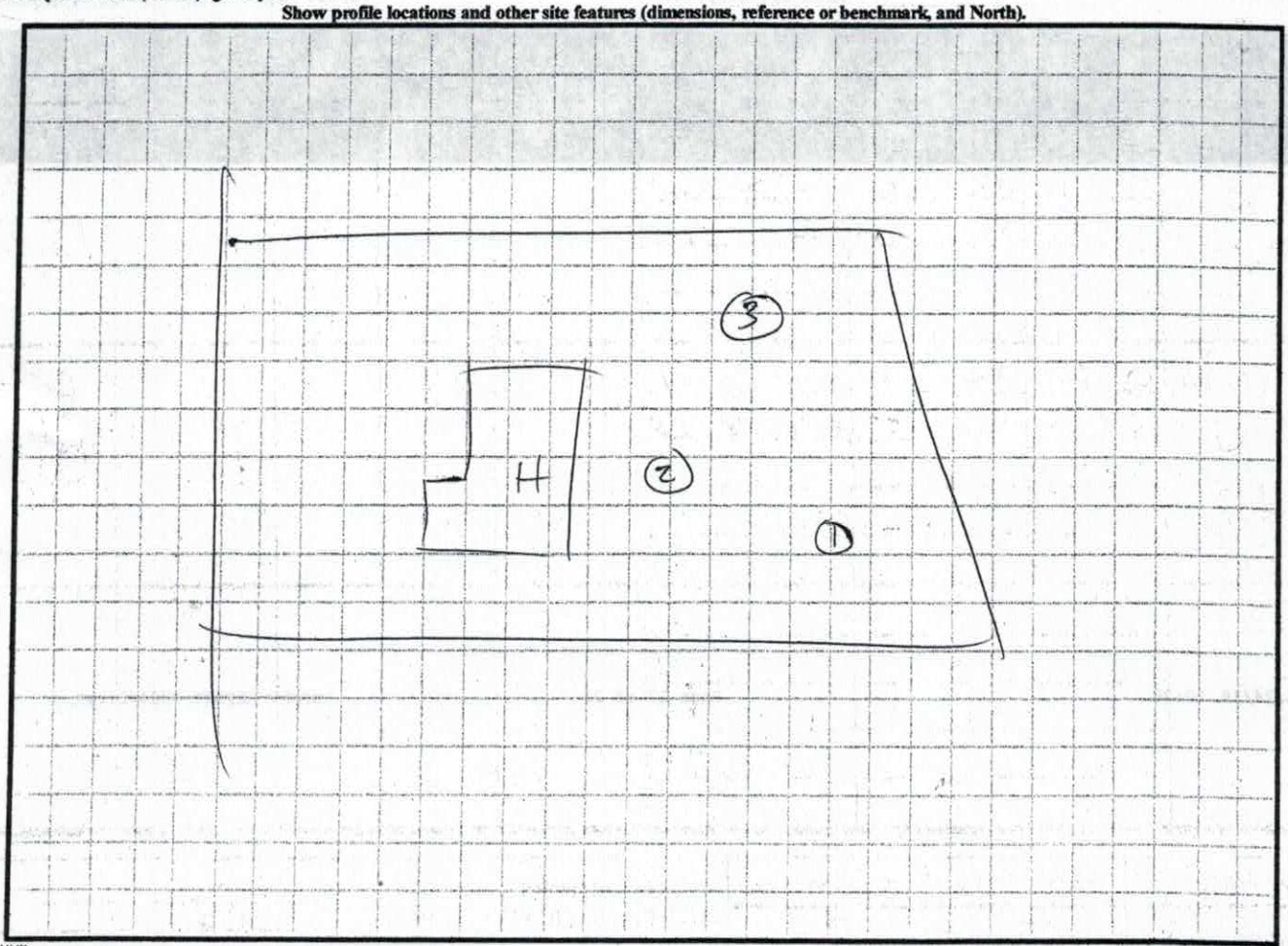
NOTES

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)

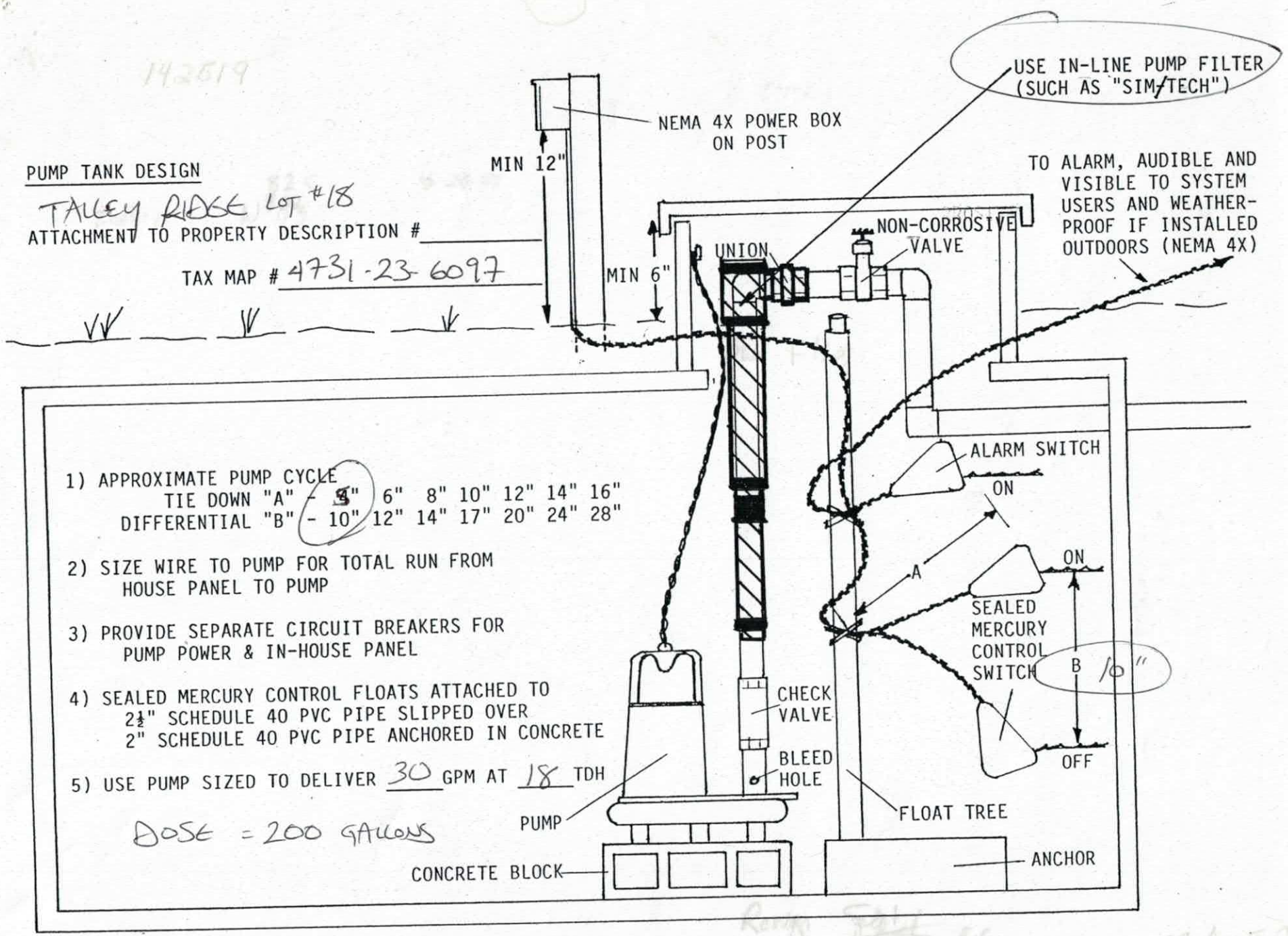
Evaluation of saprolite shall be by pits.

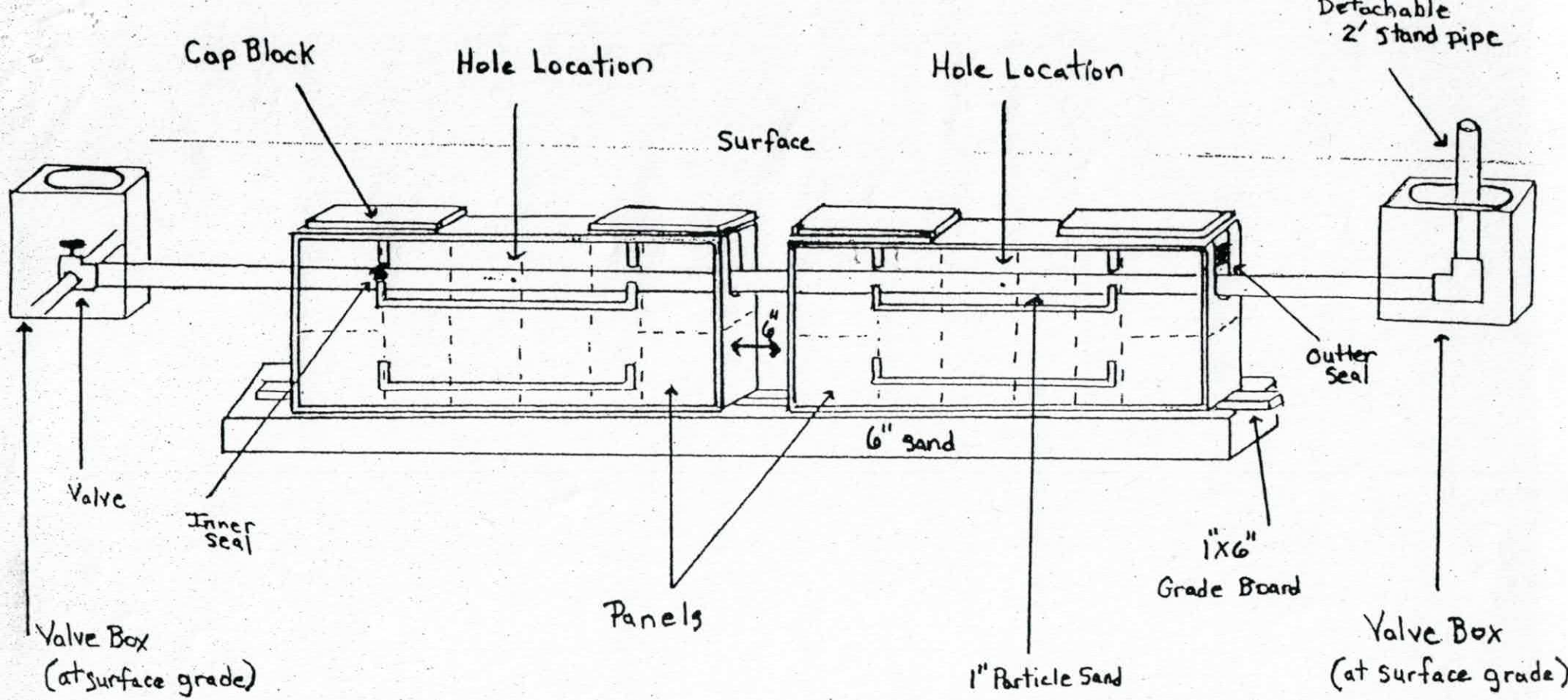
Long-term Acceptance Rate (LTAR): gal/day/ft^2

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



DENR (######)
Review (#####)


PUMP TANK DESIGN
TALLEY RIDGE LOT #18
ATTACHMENT TO PROPERTY DESCRIPTION #
TAX MAP # 4731-23-6097
MIN 12"
MIN 6"
NEMA 4X POWER BOX ON POST
USE IN-LINE PUMP FILTER (SUCH AS "SIM-TECH")
TO ALARM, AUDIBLE AND VISIBLE TO SYSTEM USERS AND WEATHER-PROOF IF INSTALLED OUTDOORS (NEMA 4X)
UNION
NON-CORROSIVE VALVE
ALARM SWITCH
ON
A
ON
SEALED MERCURY CONTROL SWITCH
B 10"
OFF
CHECK VALVE
BLEED HOLE
FLOAT TREE
PUMP
CONCRETE BLOCK
ANCHOR
1) APPROXIMATE PUMP CYCLE
TIE DOWN "A" - 5" 6" 8" 10" 12" 14" 16"
DIFFERENTIAL "B" - 10" 12" 14" 17" 20" 24" 28"
2) SIZE WIRE TO PUMP FOR TOTAL RUN FROM HOUSE PANEL TO PUMP
3) PROVIDE SEPARATE CIRCUIT BREAKERS FOR PUMP POWER & IN-HOUSE PANEL
4) SEALED MERCURY CONTROL FLOATS ATTACHED TO 2½" SCHEDULE 40 PVC PIPE SLIPPED OVER 2" SCHEDULE 40 PVC PIPE ANCHORED IN CONCRETE
5) USE PUMP SIZED TO DELIVER 30 GPM AT 18 TDH
DOSE = 200 GALLONS



Pressure Dosed PPBPS

of panels 57.
Size holes 5/32". 1 hole per panel.
Approximate amount of sand needed _____.
100lbs. of partical sand per 8 panels.
Sidewalls raked and limed.
GPM 30.
TDH 18.

Comments

SCOUR TRENCH SIDEWALLS & APPLY A LIGHT DUSTING of LIME PRIOR TO INSTALLING SAND & PANELS

IREDELL COUNTY HEALTH DEPARTMENT

Application For Improvement Permit and/or Authorization To Construct, Existing System Inspection

(THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED - APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS)

1. **APPLICATION FOR:** ✓ Improvement Permit ✓ Authorization To Construct ✓ BOTH ___ Existing System Inspection

2. **Page 2: *Site Plan Worksheet* Form MUST Accompany This Application**
   The following optional attachments may also be submitted: ___ Survey Plat, Scaled no more than 1 Inch = 60 Feet
   Place check ( ) beside whichever is submitted if applicable ✓ Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

3. **Applicant Information:**

Applicant Name	Mailing Address	Home Phone	Work Phone
Medallion Properties, Inc.	185 Whippoorwill Rd Mooresville NC 28117	704 634 1185	
Same			
Owner Name	**Mailing Address**	**Home Phone**	**Work Phone**

4. **Property Information:**

Street Address	Subdivision Name	Section/Phase and Lot Number
111 Talley Ridge Drive	Talley Ridge	Lot 18

Driving Directions: Hwy 21 S, (R) Talley Rd., (L) Talley Ridge

****

5. **RESIDENTIAL Site Development Information:** *(Check or Complete ALL that apply)*

(✓) New, Single Family Residence
( ) New, Multi-Family Residence
( ) Expansion of Existing Septic System
( ) Repair To Failing Septic System

Maximum Number of Bedrooms 3
Maximum Number of Occupants ___
If Expansion, Current Number of Bedrooms ___

(✓) Crawl Space Foundation?
( ) Concrete Slab Foundation?
( ) Basement w/Plumbing?
( ) Basement w/out Plumbing?

IF Non- Residential Site Development:
Type of Business ___
Square Footage of Building ___
Maximum Number of Employees ___
Maximum Number of Seats ___

****

6. **Proposed Water Supply:**

(✓) New Well ( ) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

****

7. **Desired Septic System Type:** *(You may rank in order of preference, if any)*

( ) Alternative (1) Conventional (2) Innovative ( ) Modified Conventional ( ) Other___ ( ) No Preference

****

8. **Please Answer The Following To The Best of Your Ability:**

( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industry) to be generated?
( ) Yes (✓) No Is the site subject to approval by any other public agency?

****

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

9. **Signature:** [signature] 4/10/07
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY HEATLH DEPARTMENT

PAGE 2: *SITE PLAN WORKSHEET*

SEE THE SAMPLE SITE PLAN BELOW. INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!

Place an (X) beside each item as you complete the site plan:

- X — **Property Line measurements are clearly identified…**
- X — **All proposed structures are indicated…**
  SHOW: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site
- X — **Front and side setbacks from property line…**
- X — **Preferred driveway location and configuration, preferred well location…**
- X — **Area you prefer your septic system to be placed…**
- X — **North arrow, or other sufficient indicator of direction…**

Circle N/A on the following if appropriate:

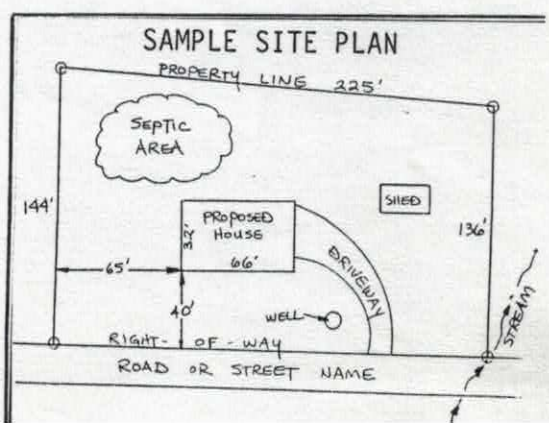
- X — **Location of septic systems and wells within 100' of your property…** **N/A**
- ____ — **Location of easements and rights of ways on your property…** **N/A**
- ____ — **Location of any designated wetlands on the property…** **N/A**

Signature: Bill Campagna
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

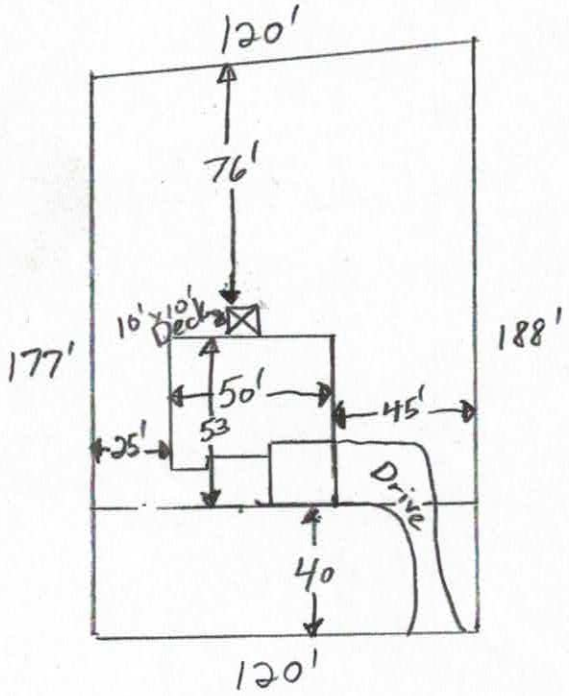
4/10/07
DATE

USE THIS SPACE TO DRAW YOUR SITE PLAN

See Attached



Lot 18 Talley Ridge

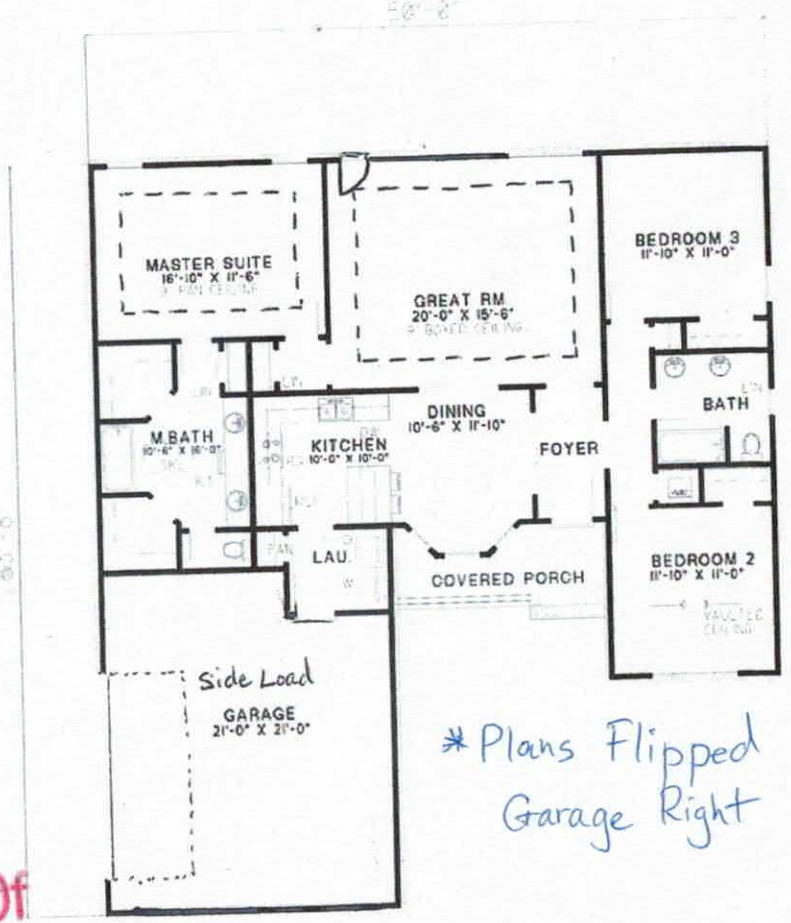


← Talley Ridge Drive →

1" = 60' Scale

Lot 18 Talley Ridge
111 Talley Ridge Drive Troutman, NC





* Plans Flipped
Garage Right

- 1538 heated square feet
- 3 bedroom, 2 bath
- Large yard (0.50 acres)
- Raised panel cabinets
- Stainless steel appliances
- Tray ceiling in master bedroom
- Split bedroom design
- Side load garage
- Finished garage with opener

Acknowledgement Of
Plans Submittal ONLY!
Steve Hedrick Date 4-20-07
Bill Campagna Date 4/20/07

Actual home may vary slightly from plan

TOWN OF TROUTMAN
ZONING CLEARANCE APPLICATION
PERK TEST ONLY

PAID
MAR 14 2007
TOWN OF TROUTMAN

Change of Principal Use
New or Enlarged Principal Use ✓
New or Enlarged Accessory Structure

PERMIT 05 -p- 03-07 **DATE OF APPLICATION** 3/14/07

APPLICANT'S NAME Medallion Properties, Inc
APPLICANT'S MAILING ADDRESS 185 Whippoorwill Rd Mooresville NC 28117

DAY TIME PHONE # (704)634 1185

PROPERTY LOCATION: Lot 18 Talley Ridge, 111 Talley Ridge Drive

TAX MAP OR PARCEL IDENTIFICATION NUMBER (PIN): 4731236097

EXISTING ZONING: RS **IN A SPECIAL FLOOD HAZARD AREA?** Yes ___ No X

LOT DIMENSIONS: (Fill in all four blanks)
Length 177'x188' Area 21,815 sq.ft
Width 119'x120' Street Frontage 119

TYPE OF BUILDING PROPOSED AND/OR PROPOSED USE: Single Family

PROPERTY OWNER'S NAME: Ryan-West Developers LLC

PROPERTY OWNER'S MAILING ADDRESS 215 Crystal Circle Mooresville NC 28117

RELATIONSHIP OF APPLICANTS TO PROPERTY OWNER Buyer

IF ACCESSORY STRUCTURE, CHECK PROPOSED YARD LOCATION

Front: ___ Right Side: ___
Rear: ___ Left Side: ___

STRUCTURE REQUIREMENT (Note: A separate application must be completed for each structure)

(Set Backs)	Required	Proposed
Lot Area	20,000	21,815
Side Yard—Left	15'	25'
Side Yard—Right	15'	45'
Front Setback(from road R/W)	40'	40'
Building Height	35' MAX	26'
Lot Width at Building Line	100'	120'
Rear Yard Setback	25'	76'

*Additional ten feet (10') required on all side yards which abut a public or private street

Comments: **PERK TEST ONLY!!!!**

Zoning Clearance Application
Page 2

ATTACHMENTS

In order to be considered complete, the following must accompany each application:

1. A fee (in cash or a check made payable to the Town of Troutman) in the amount of $25.00 shall be submitted to the Zoning Administrator.
2. A scaled dimensional drawing which shows (a) the exact shape, dimensions and location of the lot to be built upon, and (b) the exact shape, dimensions, use and location of existing structures on the lot. Upon this survey or drawing shall be sketched the following: (a) the exact shape, dimensions and area of the structure(s) to be placed upon the lot; (b) all setback lines on the lot once the proposed structure is completed; and (c) any other information that may be needed to insure that the proposed structure is in compliance with all applicable provisions of the Ordinance

CERTIFICATION

1. I hereby certify that all of the information provided for this application is, to the best of my knowledge, accurate and complete.

Medallion Properties, Inc
By: Gilbert P. Campagna, President
Signature of Applicant

Date: 3/14/07

2. I, Ryan-West Developers, LLC Owner of property 4731236097 (list PIN number) in Troutman, North Carolina, do hereby authorize Medallion Properties (Applicant's Name) to submit this zoning permit application to the Zoning Administrator on my behalf.

Mike Ryan
Signature of Property Owner

Date: 3/14/07

3. To the best of my knowledge, this application is accepted and deemed complete.

John B. Garland Emily Jackson
Signature of Zoning Administrator

Date: 3/14/07

(THE FOLLOWING SHALL BE FILLED OUT BY THE ZONING ADMINISTRATOR)

Based on the information hereby furnished to me and my knowledge of the Troutman Zoning Ordinance, I hereby: ✓ **APPROVE** _____ **DISAPPROVE** this Zoning Permit.

COMMENTS: _____

John B. Garland Emily Jackson
Zoning Administrator

Date: 3/14/07

THIS PERMIT EXPIRES SIX (6) MONTHS FROM THE ISSUE DATE.