IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 205081

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

PIN # 4627820064

APPLICANT: Caroline Premier Homes (for Bill/Nancy Duke) APPLICANT ADDRESS: owners address 4930 Mill Creek Court Rochester MI 48306

SITE ADDRESS: 110 Honeysuckle Lane Mooresville, NC 28117 PHONE (CPH) 704 361-7717 ALT. PHONE: Bill Duke 248-231-1022

SITE DIRECTIONS: Go Brawley Sch Rd TR on Bleeme TL on Berten Path TR on Berten Path again then TR on Honeysuckle in 2nd house on right

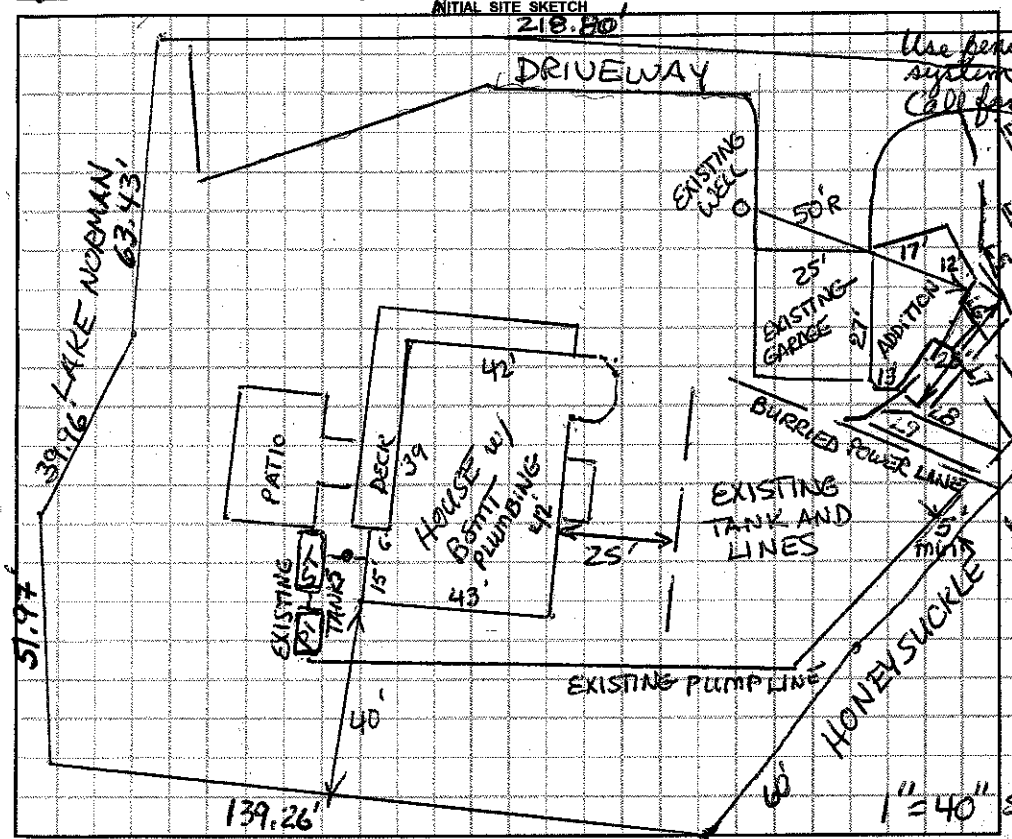
SUBDIVISION: Crescent L and T SECTION: 9 LOT # 47 LOT AREA: .750 ac DESIGN FLOW: 360 L.T.A.R.: .3

Septic Tank existing 1000 (gal)	STB	Date	☐ New System ☐ Repair ☐ Expansion System Type: I II III (IV) V VI	☑ Residence	No. Bedrooms 3	Water Supply
Pump Tank existing 1000 (gal)	PT	Date	System Description: LPP gravel block	☐ Business	No. Persons	☑ Private
Pump Make Gorman Rupp Model WEOSII HH	Serial #	Repair System Description: Repair exempt not sure if available.	☐ Other	No. Employees	☐ Public
# Nitrification Fields 1	# Lines 6 exist, 3 new	Linear Ft: total 200	Maintenance Agreement Required: ☑ YES ☐ NO	☐ Slab	☐ Crawl Space	☐ Community
Trench Width 24"	Max. Trench Bottom Depth 30"	Gravel Depth N/A 24" sand	☐ GRAVITY ☑ PRESSURE LPP	☑ Basement w/ plumbing	☐ Basement w/o plumbing

Comments / Conditions: This permit is for existing system pinhead relocation only. No increase above 3BR or 360 gpd max. Drain lines and trench must be at least 5' from foundations. New addition floor must be at 12" or less below surface elevation at closest drain lines. Remove certified operator, maintenance contract prior to operation permit. Replace pump if it can not meet AS BUILT SKETCH pressure requirement of 42.5' 3ft pressure head on each drain line.

Call panel blocks and sand from portions of L4-L7 and replace w/ tamped clay compacted. Replace inlets controlling pressure head to each drain line. (Only use valves in one box by highest line) System will require a

INITIAL SITE SKETCH



Use fencing to protect septic system during addition construction. Call for onsite pre-installation meeting to install drain lines before doing addition construction. No irrigation lines over drainfield.

SET 3' PIN

Lines	LINE LENGTH	NEW/EXIST
L1	27'	New
L2	38'	Exist
L3	50'	Exist
L4	37'	exist (remove 7'-11')
L5	30'	exist (remove 9'-13')
L6	27'	exist (remove 7'-11')
L7	25'	exist (remove 11'-14')
L8	21'	new
L9	25'	new

new drain line lengths

L1	27'	6 panels needed
L2	38'	8 panels remaining
L3	50'	12 panels remaining
L4	26'-30'	6-7 panels remaining
L5	17'-21'	4-5 panels remaining
L6	16'-20'	4-5 panels remaining
L7	11'-14'	2-3 panels remaining
L8	21'	5 panels needed
L9	25'	6 panels needed

* must total at least 200'

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. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☑ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 10/17/14 Installed by: Stanley Environmental Sales

IMPROVEMENT PERMIT by: Richard Farris Date: 10/16/14 OPERATION PERMIT by: Richard Farris Date: 11-5-14

AUTHORIZATION TO CONSTRUCT by: Richard Farris Date: 10/16/14 Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK