

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED OR INTENDED USE CHANGED

OPERATIONS PERMIT

PERMIT # WRP-047135-2020

APPLICATION DATE: 10/13/2020

BLDG. PERMIT#:

PIN: 0646926533

RECORDED: Yes

TOWNSHIP: 12 - Middle Creek

JURISDICTION: Fuquay Varina

ZONING: RA

APPLICANT: Kelsey Rivera
109 Hay Street

BUSINESS PHONE: (910) 475-7100

HOME PHONE:

MOBILE PHONE: (970) 381-1693

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE:

SITE ADDRESS: 806 THOMAS FALLS CT

SUBDIVISION: Copper Pond PH 5

LOT: 43

ACRES: 0.69

DIRECTIONS: From Fuquay Varina: From N. Main St., turn on NC 42 W (W Academy St) and head West. LEFT on Piney Grove Wilbon Road. LEFT on Copper Pond Way into Copper Pond subdivision.

Systems defined as either type III-b, III-g with a pump, IV, V or VI, in accordance with the North Carolina administrative code 15A NCAC 18a .1961, table V as adopted by reference in the "Regulations Governing Wastewater Treatment Dispersal Systems in Wake County", requires Wake County Environmental Services to conduct periodic inspections of the system type pursuant to 15A NCAC 18a. 1961 (j). Fees for these inspections will be charged as per the approved Fee Schedule. In addition, all systems are to be operated and maintained as specified in 15A NCAC 18A .1961. This permit is based in part on information provided by the homeowner and/or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The environmental health specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him/her in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

OPERATION PERMIT VALID FOR: No Expiration

INSTALLED BY: OTHER

PROPRIETARY SYSTEM: IQ4 - Infiltrator Quick 4 Standard **PRETREATMENT SYSTEM:**

SYSTEM TYPE INSTALLED: III G

OPERATION PERMIT: STATUS: Issued

ISSUED BY: Andrew Thore

ISSUED DATE: 01/13/2023

SEPTIC TANK: Mitchell Concrete - STB-381 -
1250 gallons

DATE OF MANUFACTURE: 11/21/2022 **FILTER:** Polylok - PL-68

GREASE TRAP:

DATE OF MANUFACTURE:

FILTER:

DOSING PUMP TANK:

DATE OF MANUFACTURE:

FILTER:

CC1: ETM1:

CC2:

ETM2:

RECIRCULATION TANK:

DATE OF MANUFACTURE:

CC1: ETM1:

CC2:

ETM2:

SEPTIC TANK ELEVATION: 3.00

GREASE TRAP ELEVATION:

DOSING PUMP TANK ELEVATION:

RECIRCULATION TANK ELEVATION:

DISTRIBUTION DEVICE ELEVATION: 5

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
20	12	100	5.2
20	12	100	6.2

ACTUAL PRESSURE HEAD:

ACTUAL FLOW RATE:

ACTUAL DOSE VOLUME: 0

SPECIFIC OPERATION REQUIREMENTS:

- System designed for 4 bedroom residence, having 480 gallons per day.
- Site serviced by community well water.
- System installed by Michael Spurgeon #3263 of C&M Plumbing Solutions.

ISSUED BY:

Andrew Thore

DATE: 01/13/2023

THIS SURVEYOR DOES NOT
WARRANTY THE ACCURACY
OF ARCHITECTURAL DIMENSIONS.
THEY ARE TO BE VERIFIED BY
THE CONTRACTOR.

IMPERVIOUS SURFACE TABLE

HOUSE	1,557 S.F.
DRIVEWAY	602 S.F.
COVERED DECK	175 S.F.
MISC/UTILITIES	18 S.F.
TOTAL IMPERVIOUS AREA	2,352 S.F.
MAX IMPERVIOUS ALLOWED	7,800 S.F.

Wake County Environmental Services
Water and Wastewater Section

Reviewed by *[Signature]*

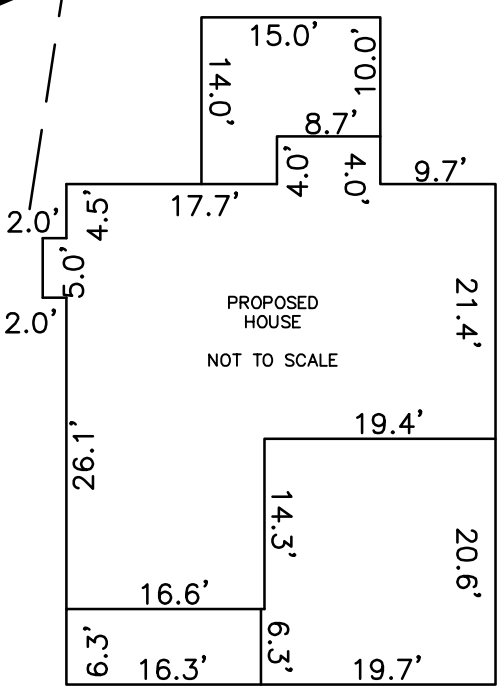
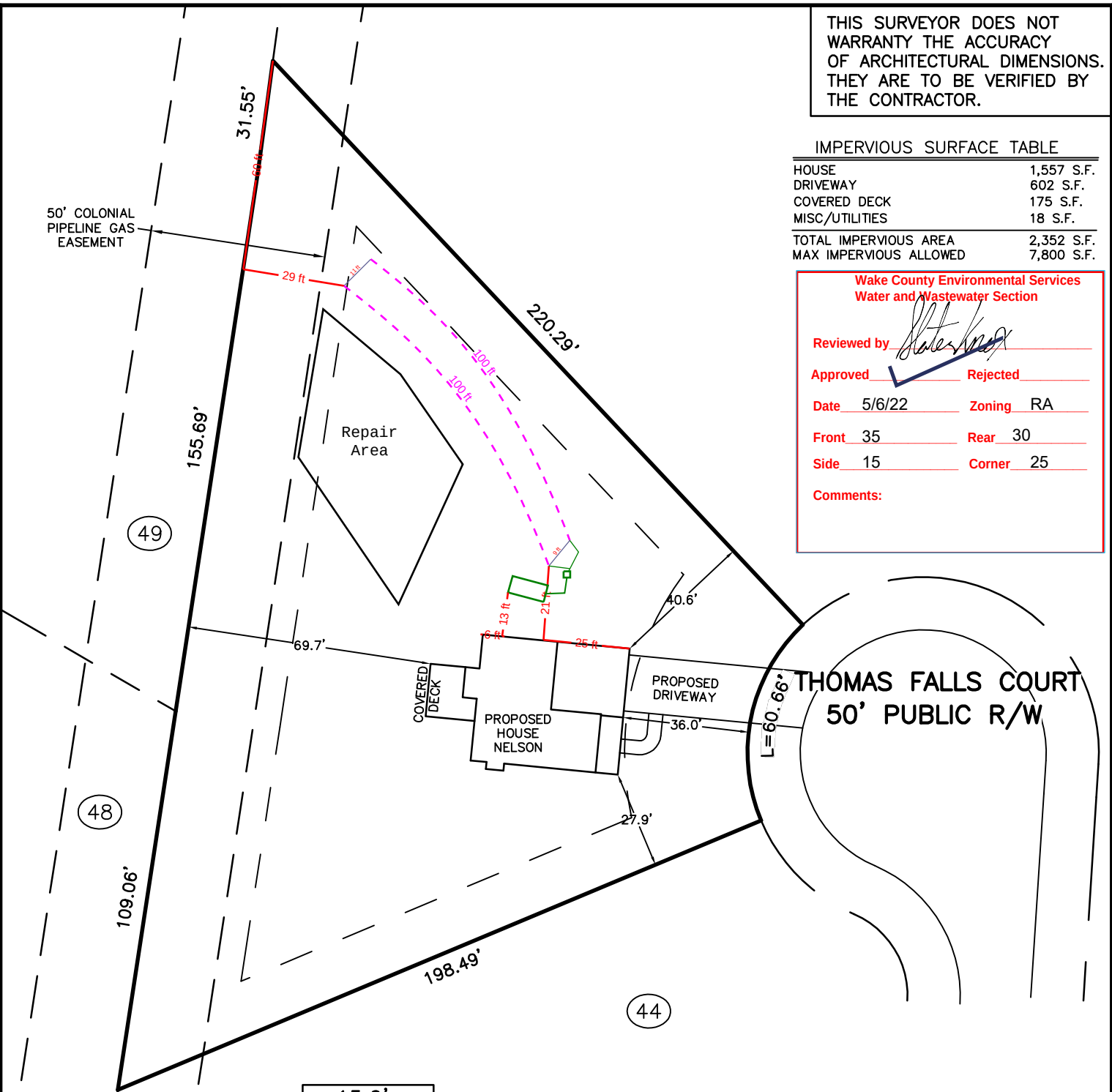
Approved ☒ Rejected ☐

Date 5/6/22 Zoning RA

Front 35 Rear 30

Side 15 Corner 25

Comments:



PRELIMINARY PLOT PLAN FOR

MCKEE HOMES

LOT 43, COPPER POND SUBDIVISION, PH. 5

806 THOMAS FALLS COURT

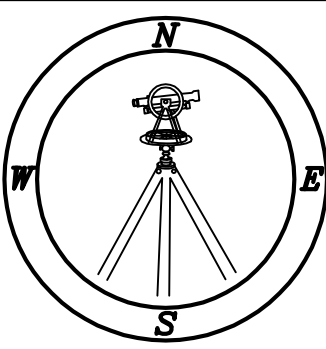
REF: B.M. 2020, PAGE 684

MIDDLE CREEK TOWNSHIP

WAKE COUNTY, NORTH CAROLINA

MARCH 21, 2022

ZONED RA



CAWTHORNE, MOSS
& PANCIERA, P.C.

Professional Land Surveyors
C-1525

333 S. White Street
Post Office Box 1253
Wake Forest, N.C. 27588
(919)556-3148

NOTES:
-THIS PLAN DOES NOT REFLECT AN
ACTUAL SURVEY. IT IS A PRELIMINARY
PLAN AND SHOULD BE USED FOR ITS
INTENDED PURPOSE ONLY.
-NOT FOR RECORDATION, CONVEYANCES,
OR SALES.

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED UNTIL AN
AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION HAS BEEN ISSUED

***PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED OR
INTENDED USE CHANGED***

CONSTRUCTION AUTHORIZATION PERMIT**PERMIT # WRP-047135-2020****APPLICATION DATE:** 10/13/2020**BLDG. PERMIT#:****PIN:** 0646926533**RECORDED:** Yes**TOWNSHIP:** 12 - Middle Creek**JURISDICTION:** Fuquay Varina**ZONING:** RA

APPLICANT: Kelsey Rivera
109 Hay Street
Fayetteville, NC 28301

BUSINESS PHONE: (910) 475-7100**HOME PHONE:****MOBILE PHONE:** (970) 381-1693**HD USE:** 101A CONVENTIONAL ONE-FAMILY HOUSE**EXISTING USE:****SITE ADDRESS:** 806 THOMAS FALLS CT**SUBDIVISION:** Copper Pond PH 5**LOT:** 43**ACRES:** 0.69

DIRECTIONS: From Fuquay Varina: From N. Main St., turn on NC 42 W (W Academy St) and head West. LEFT on Piney Grove Wilbon Road. LEFT on Copper Pond Way into Copper Pond subdivision.

Contractors shall install system on contour. See attached SITE PLAN for wastewater system design and well location. No underground utilities, water lines or sprinklers systems may be located in the original system, or permit areas. A septic tank filter with two risers for access is required. The wastewater system shall not be covered or placed into use until inspected by the Wake County Department of Environmental Services and Operations Permit issued. An Accepted Status System may be used in place of conventional system, if it can be placed in the permitted/authorized trench footprint (except reduction in line length and/or number as allowed for in approval) and the installation in accordance with the accepted system approval, without unauthorized product alteration. If permit required use of an Accepted Status System, substitution with another accepted status system may be made, as long as no changes are necessary in the location of each nitrifications line (including any increase in line length), trench depth or effluent distribution method. If changes are necessary, prior approval by this office is required before system installation. Maximum depth of line is calculated using the downhill side of the trench and includes slope correction.

CONSTRUCTION AUTHORIZATION PERMIT VALID FOR: Five Years**CONSTRUCTION AUTHORIZATION PERMIT: CA STATUS:** Issued**BY:** Alexander Merrell**DATE:** 04/28/2022**CA VALID FOR:** Five Years**DESIGN FLOW:** 480 GALLONS**BASEMENT:** No**BASEMENT FIXTURES:** No**SEPTIC TANK:** 1200 GALLONS**SEPTIC TANK FILTER:** Yes**DOSING PUMP TANK:****DOSING PUMP TANK FILTER:****GREASE TRAP:****GREASE TRAP FILTER:****RECIRCULATION PUMP TANK:****RECIRCULATION PUMP TANK FILTER:****PROPOSED SYSTEM:** 0.25 - 25% Reduction (Innovative or Accepted)**EXISTING SYSTEM:** No**DRAINFIELD SQ. FT:** 600**AGGREGATE DEPTH:** 12**MAX. TRENCH DEPTH:** 20 INCHES**DISTRIBUTION DEVICE:** GP - Gravity Parallel**TRENCH #:** 2**TRENCH LENGTH:** 100 FEET**TRENCH WIDTH:** 36 INCHES**TOTAL TRENCH LENGTH:** 200 FEET**CENTER SPACING:** 9 FEET**MINIMUM SOIL COVER:** 6 INCHES

PRETREATMENT:

SUBFIELDS #:

PUMP TDH:

APPROVAL #:

PUMP DESIGN FLOW:

ZONE VALVE: No

ASDMS REQUIRED:

LINE OF CREDIT REQUIRED:

OPERATOR REQUIRED:

P.E. SIGN OFF/ASBUILT REQUIRED:

TRIPARTY AGREEMENT REQUIRED:

SPECIFIC CONSTRUCTION AUTHORIZATION REQUIREMENTS:

- 4 bedroom single family residence, 480 GPD design flow
- Repair system is Type III G with .6 LTAR and 20" maximum trench depth
- Site is serviced by a community well
- MAINTAIN ALL SETBACKS
- No cutting/grading/alterations allowed in septic areas
- No utilities allowed in septic areas
- Call with questions @ 919-397-7095

Issued By:

A handwritten signature in blue ink, appearing to read "Assistant J. Merrill", is written over a light blue rectangular background.

Date: 04/28/2022

THIS SURVEYOR DOES NOT
WARRANTY THE ACCURACY
OF ARCHITECTURAL DIMENSIONS.
THEY ARE TO BE VERIFIED BY
THE CONTRACTOR.

IMPERVIOUS SURFACE TABLE	
HOUSE	1,557 S.F.
DRIVEWAY	602 S.F.
COVERED DECK	175 S.F.
MISC/UTILITIES	18 S.F.
TOTAL IMPERVIOUS AREA	2,352 S.F.
MAX IMPERVIOUS ALLOWED	7,800 S.F.

Reviewed by *[Signature]*

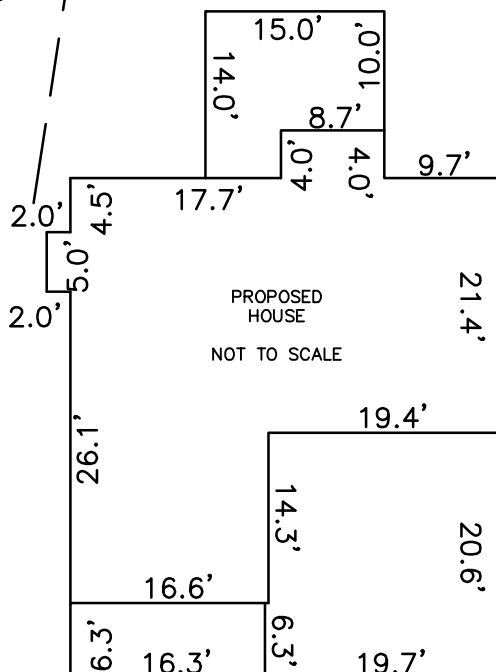
Approved ✓ Rejected

Date 5/6/22 **Zoning** RA

Front 35 Rear 30

Side 15 Corner 25

Comments:



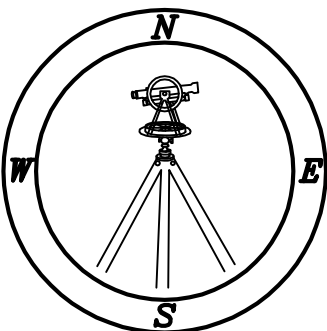
MCKEE HOMES

MIDDLE CREEK TOWNSHIP
WAKE COUNTY, NORTH CAROLINA

ZONED RA



SCALE 1"=40'



CAWTHORNE, MOSS
& PANCIERA, P.C.

Professional Land Surveyors
C-1525

333 S. White Street
Post Office Box 1253
Wake Forest, N.C. 27588
(919)556-3148

NOTES:
-THIS PLAN DOES NOT REFLECT AN
ACTUAL SURVEY. IT IS A PRELIMINARY
PLAN AND SHOULD BE USED FOR ITS
INTENDED PURPOSE ONLY.
-NOT FOR RECORDATION, CONVEYANCES,
OR SALES.



Environmental Services

TEL 919 856 7400
FAX 919 856 7407

Water Quality Division
336 Fayetteville St. • P.O. Box 550 • Raleigh, NC 27602
www.wakegov.com/water/

Foundation Drain Request Form

Wastewater Permit: WRP-047135-2020 Building Permit: _____

Parcel PIN: 0646926533

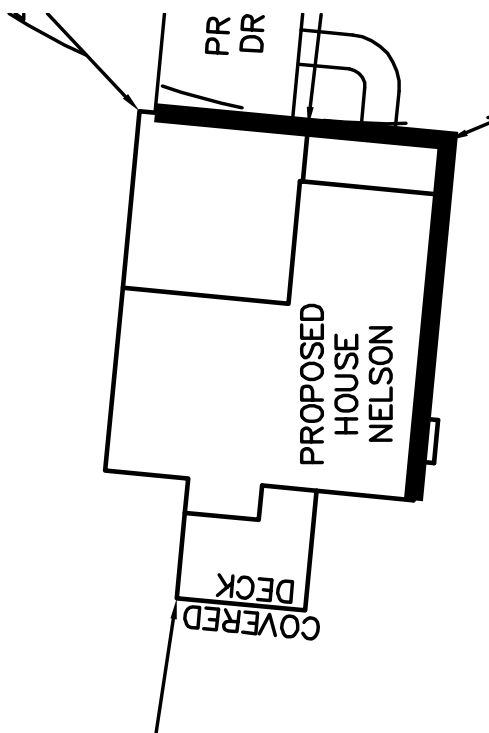
Project (Site) Address: 806 THOMAS FALLS CT

PLEASE CIRCLE:

Foundation Drain? YES NO **PARTIAL** (demonstrate below)

If PARTIAL FOUNDATION DRAIN is circled, please demonstrate where the foundations drain will be located on the diagram below, (add decks, patios, etc. as needed)

Back



Front

Applicant Signature: Nicole Olson Date: 5/4/22

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED OR INTENDED USE CHANGED

IMPROVEMENT PERMIT

PERMIT #: WRP-047135-2020

APPLICATION DATE: 10/13/2020

BLDG. PERMIT #:

PIN: 0646926533

RECORDED: Yes

TOWNSHIP: 12 - Middle Creek

JURISDICTION: Fuquay Varina

ZONING: RA

APPLICANT: GML Development, Inc.

BUSINESS PHONE: (910) 475-7100

HOME PHONE:

MOBILE PHONE: (970) 381-1693

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE:

SITE ADDRESS: 806 THOMAS FALLS CT

SUBDIVISION: Copper Pond PH 5

LOT: 43

ACRES: 0.69

DIRECTIONS: From Fuquay Varina: From N. Main St., turn on NC 42 W (W Academy St) and head West. LEFT on Piney Grove Wilbon Road. LEFT on Copper Pond Way into Copper Pond subdivision.

Permit is subject to revocation if the Site Plan or Plat changes or the intended use changes.

*Maximum depth of line is calculated using the downhill side of the trench and includes slope correction.

IP VALID FOR: Five Years AS PER GS 130A-335 (f)

DESIGNED BY: Mitchell

SYSTEM LAYOUT: Private Sector

SITE CLASSIFICATION: Provisionally Suitable

IP STATUS: Issued

BY: Alexander Merrell

DATE: 04/26/2021

NUMBER OF BEDROOMS: 4

OR TOTAL NUMBER OF OCCUPANTS: 8

PERMITTED DESIGN FLOW: 480 GPD

BASEMENT: No

BASEMENT PLUMBING: No

WASTEWATER STRENGTH: Domestic

SYSTEM TYPE: II A

LTAR: 0.600

EXISTING SYSTEM UTILIZED: No

PRETREATMENT STRENGTH REQUIRED:

EASEMENT FOR WW SYSTEM ASSOCIATED WITH PARCEL:

MAXIMUM TRENCH DEPTH: 20 INCHES

PUMP REQUIRED: No

SPECIFIC SYSTEM REQUIREMENTS: - 4 bedroom single family residence, 480 GPD design flow

- Repair system is Type IIA with .6 LTAR and 20" maximum trench depth
- Site is serviced by a community well
- MAINTAIN ALL SETBACKS
- No cutting/grading/alterations allowed in septic areas
- No utilities allowed in septic areas
- Call with questions @ 919-397-7095

ISSUED BY:

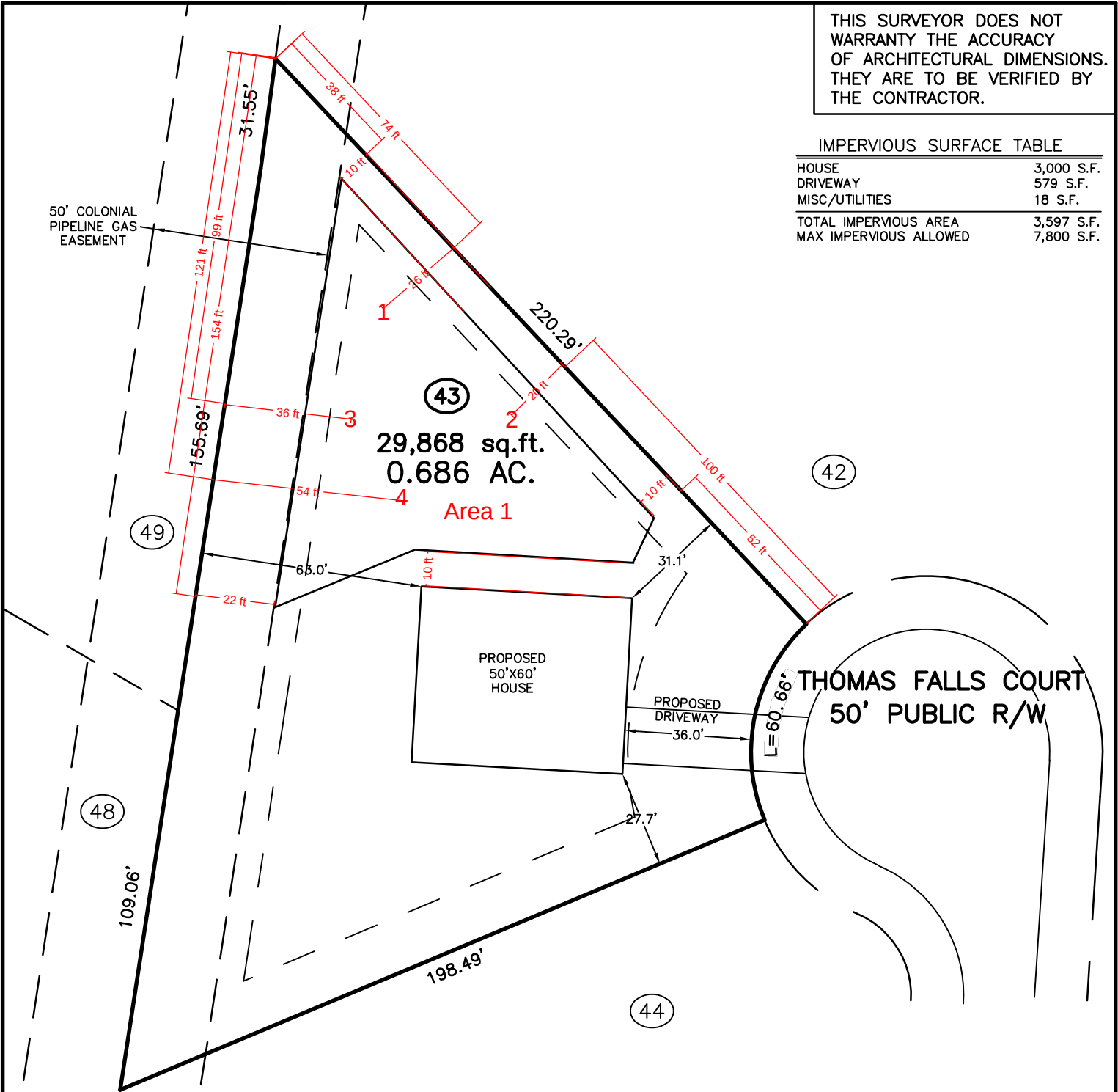
A handwritten signature in blue ink, appearing to read "Alvin J. Merrill". The signature is written in a cursive style with a large, stylized initial 'A'.

DATE: 04/26/2021

THIS SURVEYOR DOES NOT
WARRANTY THE ACCURACY
OF ARCHITECTURAL DIMENSIONS.
THEY ARE TO BE VERIFIED BY
THE CONTRACTOR.

IMPERVIOUS SURFACE TABLE

HOUSE	3,000 S.F.
DRIVEWAY	579 S.F.
MISC/UTILITIES	18 S.F.
TOTAL IMPERVIOUS AREA	3,597 S.F.
MAX IMPERVIOUS ALLOWED	7,800 S.F.



PRELIMINARY PLOT PLAN FOR

MCKEE HOMES

LOT 43, COPPER POND SUBDIVISION, PH. 5

806 THOMAS FALLS COURT

REF: B.M. 2020, PAGE 684

MIDDLE CREEK TOWNSHIP

WAKE COUNTY, NORTH CAROLINA

OCTOBER 9, 2020



SCALE 1"=40'

Wake County Environmental Services
Water and Wastewater Section

Reviewed by *[Signature]*

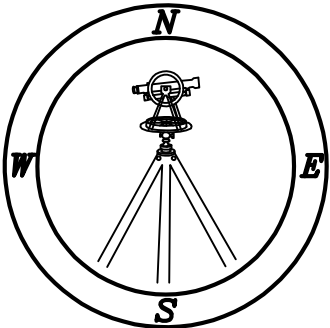
Approved ☒ Rejected ☐

Date 10-21-2020 Zoning RA

Front 35 Rear 30

Side 15 Corner 25

Comments:



CAWTHORNE, MOSS
& PANCIERA, P.C.

Professional Land Surveyors
C-1525

333 S. White Street
Post Office Box 1253
Wake Forest, N.C. 27588
(919)556-3148

NOTES:
-THIS PLAN DOES NOT REFLECT AN
ACTUAL SURVEY. IT IS A PRELIMINARY
PLAN AND SHOULD BE USED FOR ITS
INTENDED PURPOSE ONLY.
-NOT FOR RECORDATION, CONVEYANCES,
OR SALES.