

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Tom Davis Custom Homes PROPERTY LOCATION: 50 Mabry Road (SR 1538)
 SUBDIVISION Chesterfield Prop. Grp. LOT # 1
 NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance:
 Type of Structure: 4 BR 73'x58' SFD & 70'x45' Garage
 Proposed Wastewater System Type: 25% Reduction Sp.
 Projected Daily Flow: 480 GPD GPD
 Number of bedrooms: 4 Number of Occupants: 8 max (uain sfd)
 Basement Yes No
 Pump Required: Yes No May be required based on final location and elevations of facilities
 Type of Water Supply: Community Public Well Distance from well NA feet Permit valid for: Five years
 No expiration
 Permit conditions: _____

Authorized State Agent: [Signature] Date: 01/04/2019 SEE ATTACHED SITE SKETCH
 The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit.

Construction Authorization

(Required for Building Permit)

The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958, and .1959 are incorporated by references into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

ISSUED TO: Tom Davis Custom Homes PROPERTY LOCATION: 50 Mabry Road (SR 1538)
 SUBDIVISION Chesterfield Prop. Grp. LOT # 1
 Facility Type: 4 BR SFD & 2406PD Garage New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% Reduction system (Initial) Wastewater Flow: 480 GPD (SFD)
 (See note below, if applicable) 25% Reduction system (Repair) 2406PD (Gar.)

Installation Requirements/Conditions
 Septic Tank Size 1000 gallons (2) Number of trenches 4 (2, 2)
 Pump Tank Size _____ gallons Exact length of each trench 150, 75 feet Trench Spacing: 9 Feet on Center
 Trenches shall be installed on contour at a Maximum Trench Depth of: 24 inches (Maximum soil cover shall not exceed 36" above the trench bottom)
 (Trench bottoms shall be level to +/- 1/4" in all directions)
 Pump Requirements: _____ ft. TDH vs. _____ GPM Aggregate Depth: NA inches below pipe
NA inches above pipe
 Conditions: separate sys. for home & in-law/garage - 20ft separation min NA inches total

**WATER LINES (INCLUDING IRRIGATION) MUST BE 10FT. FROM ANY PART OF SEPTIC SYSTEM OR REPAIR AREA.
NO UTILITIES ALLOWED IN INITIAL OR REPAIR DRAIN FIELD AREA.**

****If applicable: I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.**

Owner/Legal Representative Signature: _____ Date: _____

This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be transferred when there is a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit. SEE ATTACHED SITE SKETCH

Authorized State Agent: [Signature] Date: 01/04/2019
ANDREW CURRAN Construction Authorization Expiration Date: 01/04/2024

HTE# SFD1810-0035

Permit # 30320

Harnett County Department of Public Health Site Sketch

PROPERTY LOCATOR: 50 Mabry Rd. (SN 1538)

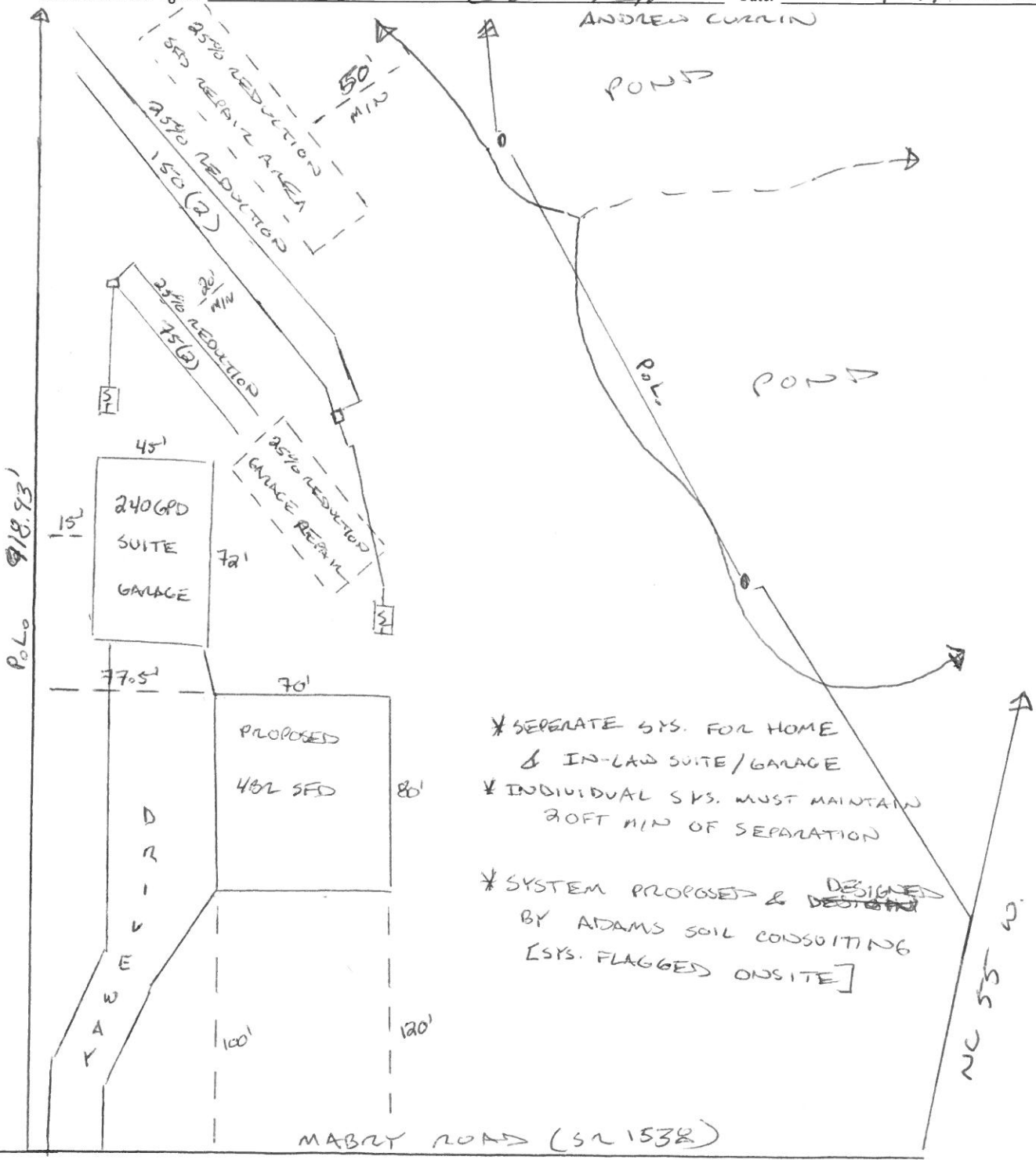
ISSUED TO: Tom Davis Custom Homes SUBDIVISION Chesterfield Prop. Grp. LOT # 1

Authorized State Agent:

[Signature]

Date: 01/04/2018 ^{ALL} 2019

ANDREW CURRIN



- * SEPERATE SYS. FOR HOME & IN-LAW SUITE/GARAGE
- * INDIVIDUAL SYS. MUST MAINTAIN 20FT MIN OF SEPARATION
- * SYSTEM PROPOSED & ~~DESIGNED~~ ^{DESIGNED} BY ADAMS SOIL CONSULTING [SYS. FLAGGED ONSITE]

D'Alesio
Lot #3 (~3.55 acres) Chesterfield Estates
Mabry Road, Harnett County

Mother in-law suite/Garage

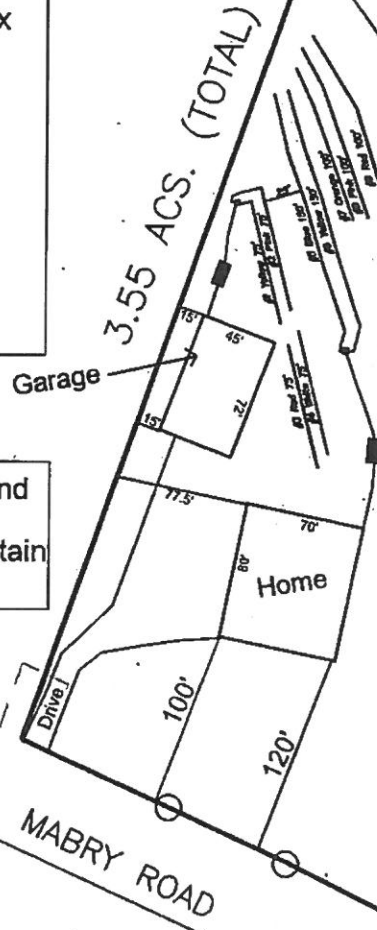
System: *Gravity to D-Box
Lines: 1-2, (150')
0.4 LTAR
24" Trench Bottom
Accepted Status System
Repair: Pump to D-Box
Lines: 3-4, (150')
0.4 LTAR
24" Trench Bottom

4-Bedroom Home

System: *Gravity to D-Box
Lines: 1-2, (300')
0.4 LTAR
24" Trench Bottom
Accepted Status System
Repair: Gravity to D-Box
Lines: 3-5, (300')
0.4 LTAR
24" Trench Bottom

*Separate systems for home and
Barn/Mother in-law suite.
Individual systems must maintain
at least 20 feet of separation.

*SITE PLAN APPROVAL
DISTRICT PA-30 USE SED
#BEDROOMS 4 beds / 4.5 baths
D'Alesio - 01103119
MINISTRADOR*



POND

ERB

POND

MABRY ROAD

N.C. 55 W

60' PUBLIC R/W

GRAPHIC SCALE
1" = 100'



Adams
Soil Consulting
919-414-6761
Project #665

55.08'

80.55'
440.14'
S81°06'46"E

N88°32'40"E
253.98'

D'Alesio
Lot #3 - Chesterfield Estates
 4-Bedroom Home (480 gal./day)

<u>LINE #</u>	<u>COLOR</u>	<u>BS</u>	<u>HI</u>	<u>FS</u>	<u>ELEVATION</u>	<u>LINE LENGTH</u>	<u>Design Length</u>
TBM		1.0		100.0		<u>in field</u>	<u>installation</u>
INST. 1			101.0				
5	Blue			6.2	94.8	200	150
6	Yellow			6.9	94.1	200	150
7	Orange			7.5	93.5	175	100
8	Pink			8.2	92.8	140	100
9	Red			9	92	115	100

	<u>System</u> Lines 5-6	<u>Repair</u> Lines 7-9
System Type	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.40	0.40
Total Line Length	300	300
Square Footage	900	900
Proposed Trench Bottom	24"	24"
Distribution Method	Gravity to D-Box	Gravity to D-Box

D'Alesio

Lot #3 - Chesterfield Estates

2-Bedroom Mother in-law suite (240 gal./day)

<u>LINE #</u>	<u>COLOR</u>	<u>BS</u>	<u>HI</u>	<u>FS</u>	<u>ELEVATION</u>	<u>LINE LENGTH</u>	<u>Design Length</u>
TBM		1.0		100.0		<u>in field</u>	<u>installation</u>
INST. 1			101.0				
1	Yellow			4	97	75	75
2	Pink			4.5	96.5	75	75
3	Red			4	97	75	75
4	Pink			4.5	96.5	75	75

	<u>System</u> Lines 1-2	<u>Repair</u> Lines 3-4
System Type	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.40	0.40
Total Line Length	150	150
Square Footage	450	450
Proposed Trench Bottom	24"	24"
Distribution Method	Gravity to D-Box	Gravity to D-Box