



North Carolina Onsite Wastewater Contractor Inspector Certification Board
Authorized Onsite Wastewater Evaluator Permit Option for Non-Engineered Systems
Notice of Intent (NOI) to Construct

X New ___ Expansion ___ Repair ___ Relocation ___ Relocation of Repair Area

Owner or Legal Representative Information:
Name: D.R. Horton Inc.
Mailing address: 2000 Aerial Center Parkway, Suite 110A City: Morrisville State: NC Zip: 27560
Phone: 919.760.9668 Email: mrlee@drhorton.com

Authorized Onsite Wastewater Evaluator Information:
Name: Thomas Boyce, LSS, AOWE Certification #: 10006E
Mailing address: PO Box 865 City: West End State: NC Zip: 27376
Phone: (910)295-1899 Email: info@owpnc.com

Site Location Information:
Site address: Lot 44- Masons Ridge -TBD Nursery Rd Spring Lake , NC 28390
Tax parcel identification number or subdivision lot, block number of property: Part of 0505-15-3556
County: Harnett

System Information:
Wastewater System Type: III(g)-Accepted
Daily Design Flow: 480
Saprolite System: ___ Yes X No Subsurface Operator Required: ___ Yes X No
Water Supply Type: ___ Private Well X Public Water Supply ___ Spring ___ Other: ___

Facility Type:
X Residential 4 # Bedrooms Max 8 Maximum # of Occupants
___ Business Type of Business and Basis for Flow: ___
___ Public Assembly Type of Public Assembly and Basis for Flow: ___



Required Attachments:
X Plat or Site Plan
X Evaluation of Soil and Site Features by Licensed Soil Scientist

Attest: On this the 20 day of September, 2023 by signature below I hereby attest that the information required to be included with this NOI to Construct is accurate and complete to the best of my knowledge. Furthermore, I hereby attest that I have adhered to the laws and rules governing onsite wastewater systems in the state of North Carolina.
This NOI shall expire on 20 day of September, 2028.
Signature of Authorized Onsite Wastewater Evaluator: Thomas J Boyce
Signature of Owner or Legal Representative: Robert C. Stuart

Disclosure: The owner may apply for a building permit for the project upon submitting a complete NOI to Construct and the fee required (if any) to the local health department. An onsite wastewater system authorized by an authorized onsite wastewater evaluator shall be transferable to a new owner with the consent of the authorized onsite wastewater evaluator.
Local Health Department Receipt Acknowledgement:
Signature of Local Health Department Representative: [Signature] Date: 7-2-24

Long	-78.99151097833920	-78.99175566684620
Lat	35.27689938154980	35.27707250007850
Boring_Type	Conventional	Conv
Slope	5-8	6
Landscape_Position	Linear	Linear
LTAR	0.5	0.5
Saprolite	No	No
Soil_Wetness	N/A	N/A
H1_Depth	28	
Notes		0-26 LS 26-36 SCL
H1_Texture	Loamy Sand	Loamy Sand
H1_Moist_Consistency	Loose	Loose
H1_Structure	Gr	Gr
H1_Mineralogy	Non Expansive	Non Expansive
H1_Stickiness	Non Sticky	Non Sticky
H1_Plasticity	Non Plastic	Non Plastic
Add_Horizon_2		
H2_Texture	SC Loam	SC Loam
H2_Moist_Consistency	V Friable	V Friable
H2_Depth	36.0	36.0
H2_Structure	SBK	SBK
H2_Mineralogy	Slightly Expansive	Slightly Expansive
H2_Stickiness	Slightly Sticky	Slightly Sticky
H2_Plasticity	Slightly Plastic	Slightly Plastic
Usable_Depth	36	36
Septic_Tank_Capacity	1,000 Gallon	
Pump_Tank_Capacity	1,000 Gallon(If Needed)	
Initial_System_Type	Accepted	
Line_Length_Initial	240'	
Max_Depth_Initial	24"	
Repair_System_Type	Accepted	
Line_Length_Repair	240'	
Max_Depth_Repair	24"	
Distribution_Method	Parallel or Serial	
Initial_LTAR	0.5	
Repair_LTAR	0.5	
GPD	480GPD - 4-Bedroom	
System_Description_Notes	Lot 44	





AOWE/SL2022-11 Permit Requirements

- Pre-construction conference with septic contractor required before beginning installation.
- It is the responsibility of the contractor to contact the AOWE prior to installation.
- Systems shall not be installed in wet conditions or the permit will be revoked.
- Any changes to the proposed plans must be approved by the AOWE.
- Do not allow any traffic, construction, excavation, utilities, material storage, or any other disturbance to take place on the designated septic area or repair area. These activities may void your permit.
- The client/owner is responsible for marking any property lines and corners.
- The contractor is responsible for ensuring that the septic system is installed in the proper location and that all setbacks are met. See NCAC 18A . 1950 for setback requirements. The contractor is responsible for ensuring that the septic system is installed in accordance with local rules in counties where this is applicable.
- The system installation must be inspected by the local health department at certain stages during the installation.
- For systems with pumps, the contractor is responsible for the proper installation of the electrical components. An electrical permit must be obtained and a person with a valid NC Electrical license must provide electrical service to the pump controller and alarm.
- This permit shall become invalid and/or may be revoked if the site is altered. There shall be no grading, cutting, logging or other soil disturbance in the septic area. Design does not guarantee functionality or future performance.
- The contractor is responsible for backfilling the system components so that no areas are subject to the retention or ponding of surface water. After the installation is completed, some settling of the backfill material may take place. The system owner is responsible for eliminating settled or sunken areas, stabilization, and final landscaping of the ground surface. No heavy equipment or vehicular traffic over the leach field.
- Installer to re-establish field layout prior to pre-construction conference for initial and repair systems as applicable.
- Tanks must be leak tested by the manufacturer.
- Installer must be certified by NCOWCICB at appropriate grade level for system.
- Installer must carry adequate general liability insurance.

Additional Requirements:

Maintenance Requirements:

System should be maintained in accordance with NCAC 18A .1961 -
The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

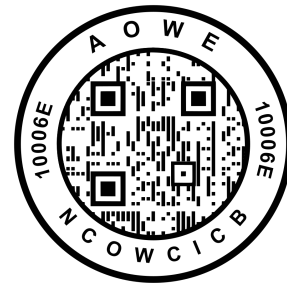
Owner/Client Acknowledgement of Permit Requirements

Robert C. Stuart

09 / 25 / 2023

Owner Signature

Date





REVISIONS:

8.25.21	REV 58	NUMBER
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FOR AGENCY REVIEW 9-2-2021

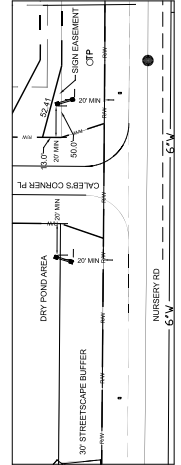
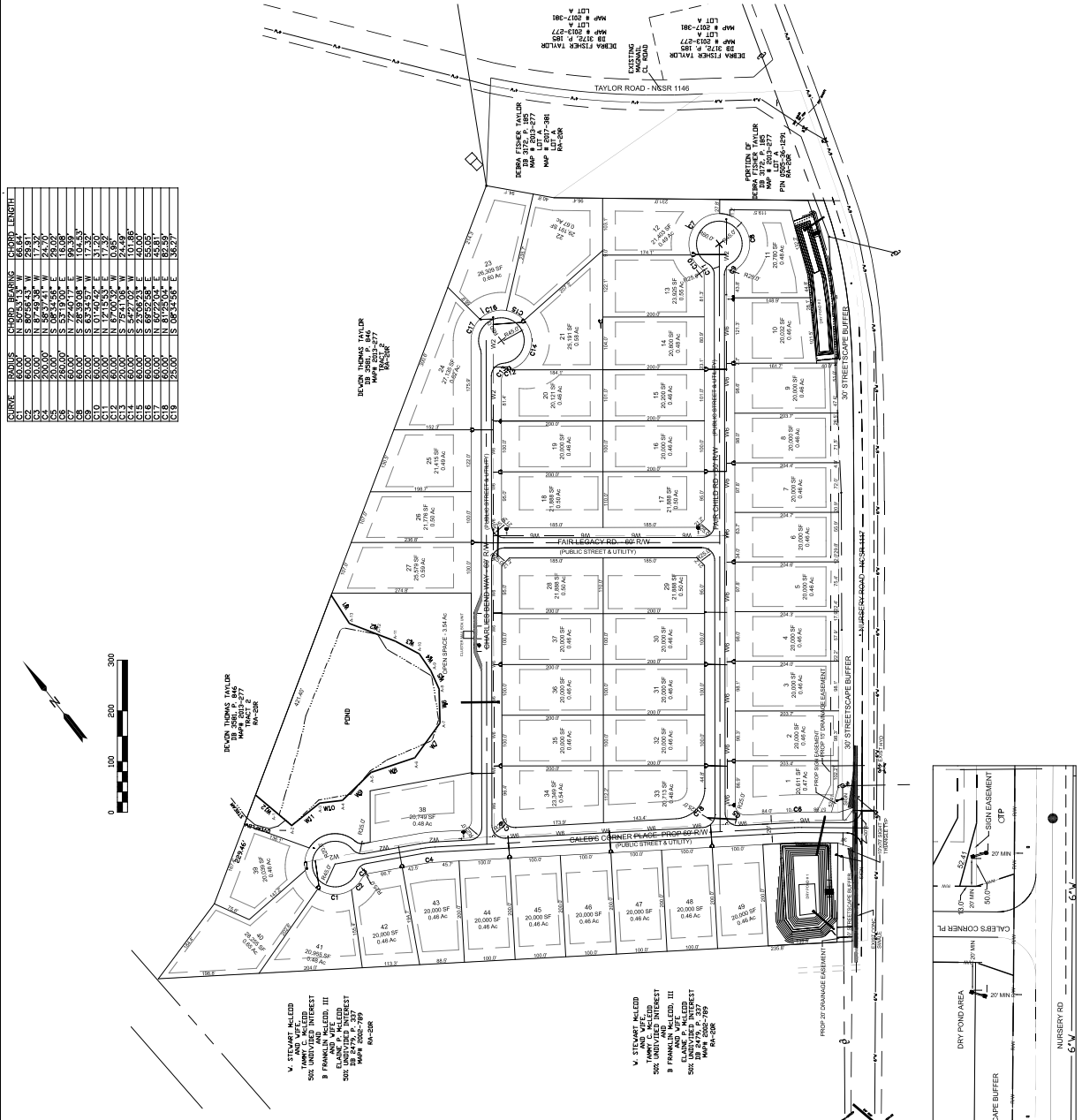
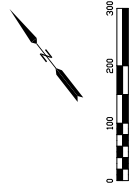
APPROVAL OF THIS PLAT/PLAN DOES NOT GUARANTEE WATER CAPACITY OR WASTEWATER CAPACITY OF THE DEVELOPMENT. THE HOMEOWNER IS RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT. THIS DEVELOPMENT MAY REQUIRE ADDITIONAL IMPROVEMENTS TO THE EXISTING WATER AND WASTEWATER SYSTEM TO MEET FUTURE WATER AND WASTEWATER DEMAND. THE HOMEOWNER IS RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT. THIS DEVELOPMENT MAY REQUIRE ADDITIONAL IMPROVEMENTS TO THE EXISTING WATER AND WASTEWATER SYSTEM TO MEET FUTURE WATER AND WASTEWATER DEMAND. THE HOMEOWNER IS RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT. THIS DEVELOPMENT MAY REQUIRE ADDITIONAL IMPROVEMENTS TO THE EXISTING WATER AND WASTEWATER SYSTEM TO MEET FUTURE WATER AND WASTEWATER DEMAND.

THIS DEVELOPMENT IS WITHIN ONE MILE OF A VOLUNTARY AGRICULTURAL DISTRICT.

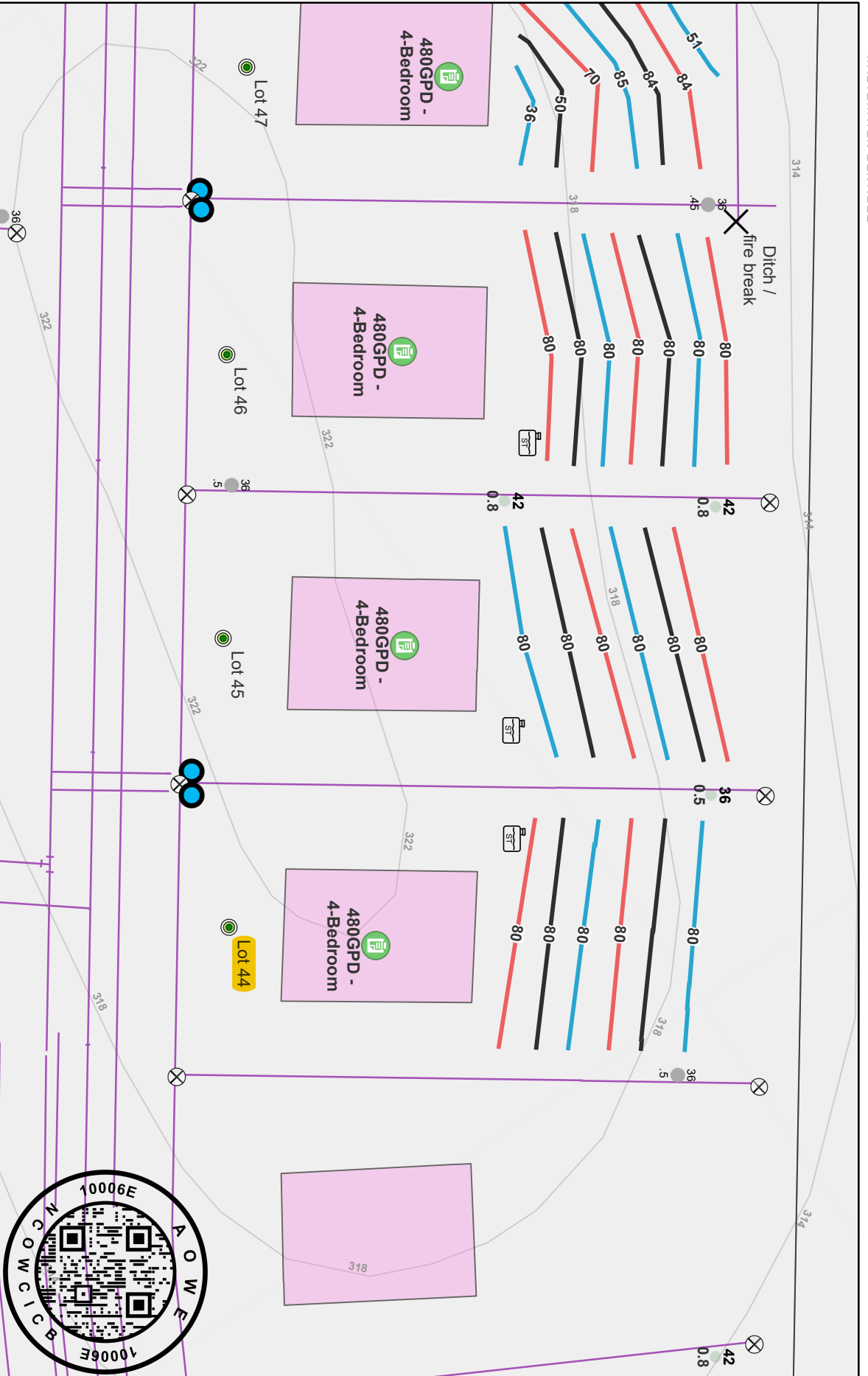
THE HOME OWNERS' ASSOCIATION WILL BE RESPONSIBLE FOR MAINTENANCE OF THE MAIL KIOSK, OPEN SPACES, ALL LANDSCAPE BUFFERING, AND DRAINAGE EASEMENTS.

MAXIMUM IMPERVIOUS AREA PER LOT = 5000 SQ-FT

PARCEL	AREA	CHANG. BEARING	CHORD LENGTH
C1	56,000	S 89°54'31" W	283.511
C2	56,000	S 89°54'31" W	283.511
C3	56,000	S 89°54'31" W	283.511
C4	56,000	S 89°54'31" W	283.511
C5	56,000	S 89°54'31" W	283.511
C6	56,000	S 89°54'31" W	283.511
C7	56,000	S 89°54'31" W	283.511
C8	56,000	S 89°54'31" W	283.511
C9	56,000	S 89°54'31" W	283.511
C10	56,000	S 89°54'31" W	283.511
C11	56,000	S 89°54'31" W	283.511
C12	56,000	S 89°54'31" W	283.511
C13	56,000	S 89°54'31" W	283.511
C14	56,000	S 89°54'31" W	283.511
C15	56,000	S 89°54'31" W	283.511
C16	56,000	S 89°54'31" W	283.511
C17	56,000	S 89°54'31" W	283.511
C18	56,000	S 89°54'31" W	283.511
C19	56,000	S 89°54'31" W	283.511
C20	56,000	S 89°54'31" W	283.511

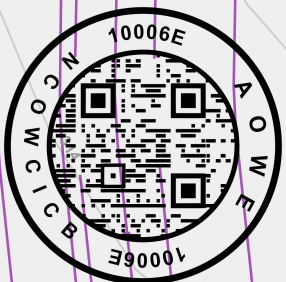
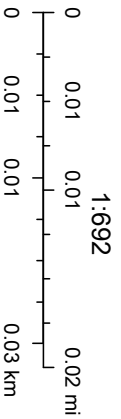


Lot 44 - TBD Nursery Rd. 2023



9/20/2023

- PSC - Borings
- Conventional
- PSC - Points
- Bad Topo
- EIP
- Septic Tank
- Point Generic
- Water Meter
- House Box
- Line Generic
- Leach Lines
- Red
- White
- Blue
- Contours
- Mason's Ridge
- 2021 Field Data - Borings - PEA Borings
- Other
- NC Parcels



Esri Community Maps Contributors, County of Cumberland, State of North Carolina DOT, © OpenStreetMap, Microsoft, Esri, HERE, Garmin.

Signature Certificate

Reference number: M2KY3-MOFYC-EYNAQ-VLNM7

Signer

Email: rcstuart@drhorton.com

Sent:

Viewed:

Signed:

Timestamp

21 Sep 2023 17:20:42 UTC

22 Sep 2023 13:07:01 UTC

25 Sep 2023 15:44:41 UTC

Signature



Recipient Verification:

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