



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 33- 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(b)(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 15 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 15 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: ___ Date: ___



Lot 33- TBD Nursery Rd.

Long	-78.99050516705490	-78.99028133293730
Lat	35.2771473332115	35.27738500029570
Boring_Typ	Conv	Conv
Depth_of_U	36	36
LTAR	0.5	0.45
Slope	8	8
Notes	0-16 LS 16-36 SCL	0-24 LS 34-36 SCL
Septic_Tank_Capacity	1,000 Gallon	
Pump_Tank_Capacity	1,000 Gallon	
Initial_System_Type	Accepted	
Line_Length_Initial	267	
Max_Depth_Initial	24	
Repair_System_Type	PPBPS (Horizontal)	
Line_Length_Repair	178	
Max_Depth_Repair	24	
Distribution_Method	Parallel or Serial	
Initial_LTAR	0.45	
Repair_LTAR	0.45	
GPD	480GPD - 4-Bedroom	
System_Description_Notes	Lot 33	





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.

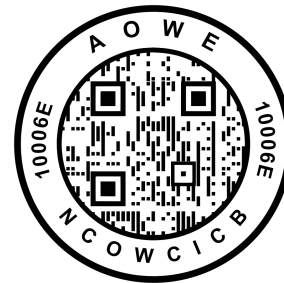
Owner/Client Acknowledgement of Permit Requirements

Robert C. Stuart

09 / 25 / 2023

Owner Signature

Date



FOR AGENCY REVIEW 9-2-2021

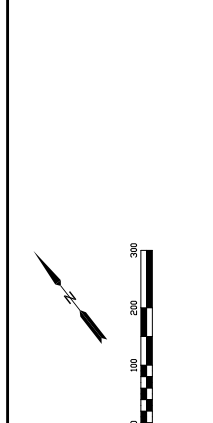
APPROVAL OF THIS PLAT/PLAN DOES NOT GUARANTEE WATER CAPACITY OR WASTEWATER CAPACITY OF THE DEVELOPMENT. THE HOMEOWNER IS RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT. THIS DEVELOPMENT MAY REQUIRE ADDITIONAL IMPROVEMENTS TO THE EXISTING WATER AND WASTEWATER SYSTEM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

GRID	ROW	CURB	PAVING	CHORD	LENGTH
C1	1	0.0000	0.0000	0.0000	0.0000
C2	1	0.0000	0.0000	0.0000	0.0000
C3	1	0.0000	0.0000	0.0000	0.0000
C4	1	0.0000	0.0000	0.0000	0.0000
C5	1	0.0000	0.0000	0.0000	0.0000
C6	1	0.0000	0.0000	0.0000	0.0000
C7	1	0.0000	0.0000	0.0000	0.0000
C8	1	0.0000	0.0000	0.0000	0.0000
C9	1	0.0000	0.0000	0.0000	0.0000
C10	1	0.0000	0.0000	0.0000	0.0000
C11	1	0.0000	0.0000	0.0000	0.0000
C12	1	0.0000	0.0000	0.0000	0.0000
C13	1	0.0000	0.0000	0.0000	0.0000
C14	1	0.0000	0.0000	0.0000	0.0000
C15	1	0.0000	0.0000	0.0000	0.0000
C16	1	0.0000	0.0000	0.0000	0.0000
C17	1	0.0000	0.0000	0.0000	0.0000
C18	1	0.0000	0.0000	0.0000	0.0000
C19	1	0.0000	0.0000	0.0000	0.0000
C20	1	0.0000	0.0000	0.0000	0.0000
C21	1	0.0000	0.0000	0.0000	0.0000
C22	1	0.0000	0.0000	0.0000	0.0000
C23	1	0.0000	0.0000	0.0000	0.0000
C24	1	0.0000	0.0000	0.0000	0.0000
C25	1	0.0000	0.0000	0.0000	0.0000
C26	1	0.0000	0.0000	0.0000	0.0000
C27	1	0.0000	0.0000	0.0000	0.0000
C28	1	0.0000	0.0000	0.0000	0.0000
C29	1	0.0000	0.0000	0.0000	0.0000
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C31	1	0.0000	0.0000	0.0000	0.0000
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C39	1	0.0000	0.0000	0.0000	0.0000
C40	1	0.0000	0.0000	0.0000	0.0000
C41	1	0.0000	0.0000	0.0000	0.0000
C42	1	0.0000	0.0000	0.0000	0.0000
C43	1	0.0000	0.0000	0.0000	0.0000
C44	1	0.0000	0.0000	0.0000	0.0000
C45	1	0.0000	0.0000	0.0000	0.0000
C46	1	0.0000	0.0000	0.0000	0.0000
C47	1	0.0000	0.0000	0.0000	0.0000
C48	1	0.0000	0.0000	0.0000	0.0000
C49	1	0.0000	0.0000	0.0000	0.0000
C50	1	0.0000	0.0000	0.0000	0.0000
C51	1	0.0000	0.0000	0.0000	0.0000
C52	1	0.0000	0.0000	0.0000	0.0000
C53	1	0.0000	0.0000	0.0000	0.0000
C54	1	0.0000	0.0000	0.0000	0.0000
C55	1	0.0000	0.0000	0.0000	0.0000
C56	1	0.0000	0.0000	0.0000	0.0000
C57	1	0.0000	0.0000	0.0000	0.0000
C58	1	0.0000	0.0000	0.0000	0.0000
C59	1	0.0000	0.0000	0.0000	0.0000
C60	1	0.0000	0.0000	0.0000	0.0000
C61	1	0.0000	0.0000	0.0000	0.0000
C62	1	0.0000	0.0000	0.0000	0.0000
C63	1	0.0000	0.0000	0.0000	0.0000
C64	1	0.0000	0.0000	0.0000	0.0000
C65	1	0.0000	0.0000	0.0000	0.0000
C66	1	0.0000	0.0000	0.0000	0.0000
C67	1	0.0000	0.0000	0.0000	0.0000
C68	1	0.0000	0.0000	0.0000	0.0000
C69	1	0.0000	0.0000	0.0000	0.0000
C70	1	0.0000	0.0000	0.0000	0.0000
C71	1	0.0000	0.0000	0.0000	0.0000
C72	1	0.0000	0.0000	0.0000	0.0000
C73	1	0.0000	0.0000	0.0000	0.0000
C74	1	0.0000	0.0000	0.0000	0.0000
C75	1	0.0000	0.0000	0.0000	0.0000
C76	1	0.0000	0.0000	0.0000	0.0000
C77	1	0.0000	0.0000	0.0000	0.0000
C78	1	0.0000	0.0000	0.0000	0.0000
C79	1	0.0000	0.0000	0.0000	0.0000
C80	1	0.0000	0.0000	0.0000	0.0000
C81	1	0.0000	0.0000	0.0000	0.0000
C82	1	0.0000	0.0000	0.0000	0.0000
C83	1	0.0000	0.0000	0.0000	0.0000
C84	1	0.0000	0.0000	0.0000	0.0000
C85	1	0.0000	0.0000	0.0000	0.0000
C86	1	0.0000	0.0000	0.0000	0.0000
C87	1	0.0000	0.0000	0.0000	0.0000
C88	1	0.0000	0.0000	0.0000	0.0000
C89	1	0.0000	0.0000	0.0000	0.0000
C90	1	0.0000	0.0000	0.0000	0.0000
C91	1	0.0000	0.0000	0.0000	0.0000
C92	1	0.0000	0.0000	0.0000	0.0000
C93	1	0.0000	0.0000	0.0000	0.0000
C94	1	0.0000	0.0000	0.0000	0.0000
C95	1	0.0000	0.0000	0.0000	0.0000
C96	1	0.0000	0.0000	0.0000	0.0000
C97	1	0.0000	0.0000	0.0000	0.0000
C98	1	0.0000	0.0000	0.0000	0.0000
C99	1	0.0000	0.0000	0.0000	0.0000
C100	1	0.0000	0.0000	0.0000	0.0000



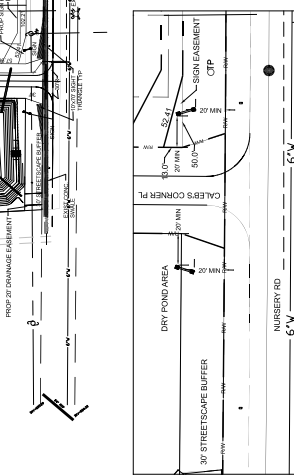
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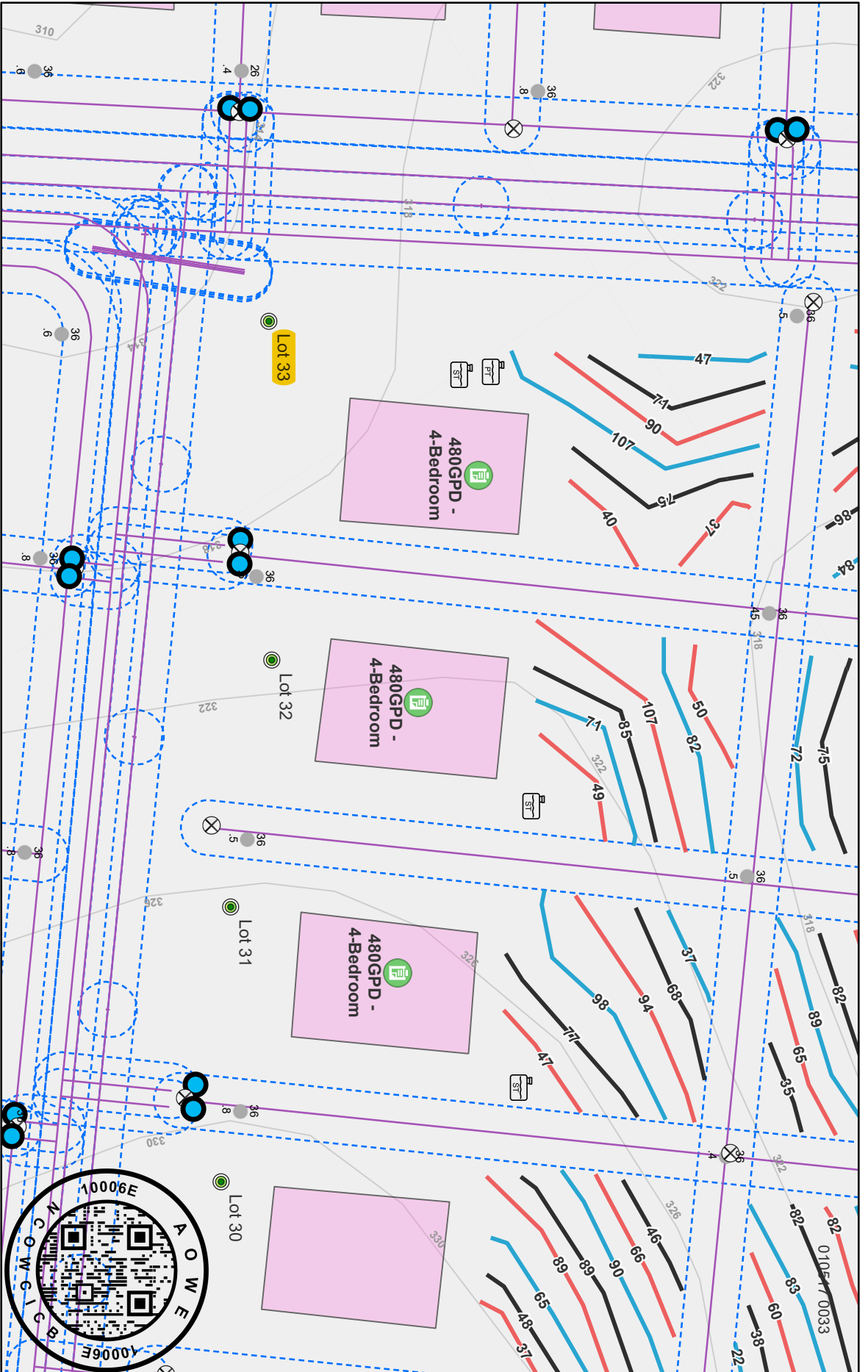
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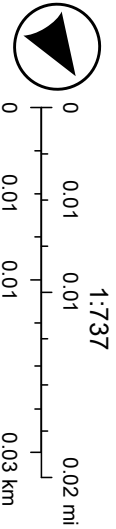


SIGN LOCATION & EASEMENT



9/15/2023

- PSC - Points
- EIP
- Pump Tank
- ST
- Leach Lines
- Septic Tank
- Point Generic
- Water Meter
- House Box
- Contours
- 2021 Field Data - Borings - PEA, Borings
- Other
- NC Parcels
- Mason's Ridge
- Mason's Ridge Pl. Buffer



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