Harnett County Department of Public Health

Improvement Permit

| | building permit cannot be issued with only an Improvement Permit |
|--|--|
| ISSUED TO: 66I Homes u | PROPERTY LOCATION: 863 Avery Pord Dr. (chargheate lox |
| NEW REPAIR EXPANSI | |
| Type of Structure: 3-Bedsoon 39 | - Improvements required prior to constitution nationization issuance. |
| Proposed Wastewater System Type: 25% red | |
| Projected Daily Flow: 36 GPD | 2002 35. |
| Number of bedrooms: 3 Number of Occu | pants: 6 max |
| Basement Yes No | /antsmax |
| | ired based on final location and elevations of facilities |
| Type of Water Supply: Community Public | Well Distance from well NA feet Permit valid for: |
| Permit conditions: | No expiration |
| | The Copyrigation |
| | 9 |
| Authorized State Agent:: | MAN SEH Date: 02/24/2020 SEE ATTACHED SITE SKETCH |
| The issuance of this permit by the Health Department in no way guara | ntees the issuance of other permits. The permit holder is responsible for checking with appropriate governing hodies in meeting their requirements. This |
| the Laws and Rules for Sewage Treatment and Disposal and to condition | 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 |
| | v vi vi pvinna. |
| | Construction Authorization |
| | Construction Authorization |
| The second of th | (Required for Building Permit) |
| with the attached system layout. | 954, 1955, 1956, 1957, 1958, and 1959 are incorporated by references into this permit and shall be met. Systems shall be installed in accordance |
| ISSUED TO: LGT Homes we | PROPERTY LOCATION: Grad A Cod |
| | |
| Facility Type: 301 301 448' 51 | SUBDIVISION Avery Cond RH III LOT # 13C |
| | |
| | |
| Type of Wastewater System** 259 | Co reduction system (Initial) Wastewater Flow: 360 GPD |
| (See note below, if applicable) | 20000 |
| | diction PPBPS (Repair) |
| Installation Requirements/Conditions | Number of trenches 3 |
| Septic Tank Size 1000 gallons | Exact length of each trench 90 feet Trench Spacing: Feet on Center |
| Pump Tank Sizegallons | Trenches shall be installed on contour at a Soil Cover: $G-12$ inches |
| | Maximum Trench Depth of: 18-24 inches (Maximum soil cover shall not exceed |
| | (Trench bottoms shall be level to +/-1/4" 36" above the trench bottom) |
| | in all directions) |
| Pump Requirements:ft. TDH vs | GPM inches below pipe |
| | Aggregate Depth: NA inches above pipe |
| Conditions: Proposal by Alex | Adores soil Consulting NA inches total |
| | |
| WATER LINES (INCLUDING IRRIGATION) MUST R | E THET EDAM ANY DADT OF CERTIC CYCTEM OR DERAID ADDA |
| MO LITHITIES ALLOWED IN INITIAL OF DECAME | E 10FT. FROM ANY PART OF SEPTIC SYSTEM OR REPAIR AREA. |
| NO UTILITIES ALLOWED IN INITIAL OR REPAIR D | KAIN FIELD AKEA. |
| **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, p | lat, 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 |
| | - 0 |
| Authorized State Agent: | 11 Date: 02/24/2020 |
| ANDTEN WILL | |
| HANNEW WAI | Construction Authorization Expiration Date: |

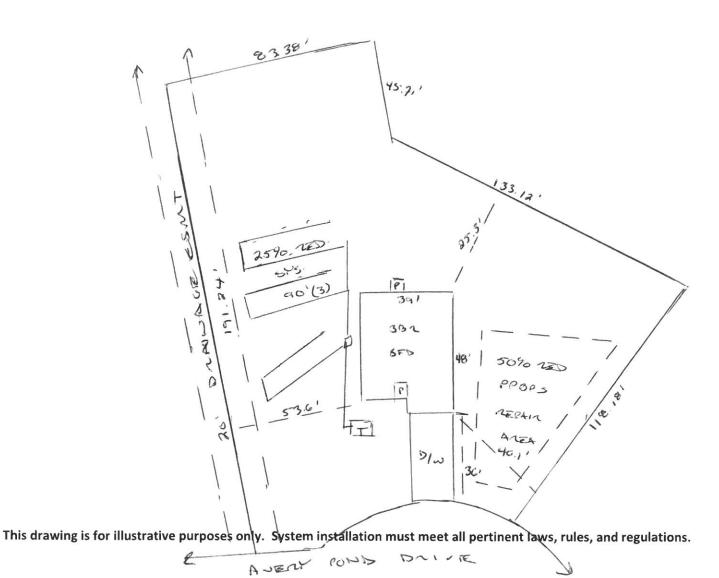
Harnett County Department of Public Health Site Sketch

| Property Location: 863 Avery Pand | Dr. (chalphenk road - sn 1429) | |
|-----------------------------------|--------------------------------|------------|
| Issued To: LGI Homes LLC | Subdivision Avery Pond III | Lot # 136 |
| Authorized State Agent: | Date: | 02/24/2020 |

* GRAVITY TO DOOK EQUAL DISTRIBUTION

* PROPOSAL BY ALEX ADAMS SOIL CONSULTING

* LINES TIE TOGETHER TO MAKE 90FT LIVES



Avery Pond Lot #136

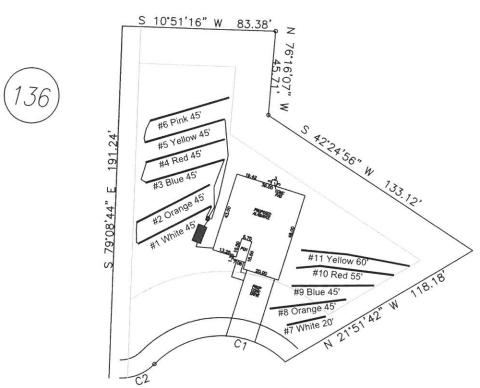
3-Bedroom Home (360 gal./day)

| | | | 10111c (300 | . , | | | |
|------------------------|----------------------------|-----------|-------------|--------------|-----------------|----------------------|----------------------|
| LINE # | COLOR | <u>BS</u> | <u>H1</u> | <u>FS</u> | ELEVATIO | N LINE LENGTH | Design Length |
| TBM | | 2.0 | | 100.0 | | in field | installation |
| INST. 1 | | | 102.0 | | | | |
| 1 | White | | | <i>5.7</i> | 96.3 | 45 | 45 |
| 2 | Orange | | | 6.1 | 95.9 | 45 | 45 |
| 3 | Blue | | | 6.4 | 95.6 | 50 | 45 |
| 4 | Red | | | 6.8 | 95.2 | 50 | 45 |
| 5 | Yellow | | | | | 50 | 45 |
| 6 | Pink | | | | | 45 | 45 |
| | | | | | | | |
| 7 | White | | | 5 | | 22 | 20 |
| 8 | Orange | | | 5.3 | | 45 | 45 |
| 9 | Blue | | | 5.6 | | 45 | 45 |
| 10 | Red | | | 6 | | 58 | 55 |
| 11 | Yellow | | | 6.3 | | 62 | 60 |
| Total | | | | | | 517 | 495 |
| | | | | System | | Repair | |
| | | |] | Lines 1-6 | | Lines 7-11 | |
| System Type | | | Accepte | ed Status Sy | stem | T&J Panel | |
| | | | E | Z-FLOW | 5 | 50% Reduction System | m |
| | | | | | | | |
| Sug | gested Soil LTAR 0.35 0.35 | | | | | | |
| | | | | | | | |
| Total Line Length | | 1 | 270 | | | 225 | |
| | | | | | | | |
| S | quare Footage | | | 810 | | 675 | |
| 3. | add i oolage | | | 010 | | 0/3 | |
| Proposed Trench Bottom | | ttom | 18-24" | | | 18-24" | |
| | | | | | | 10 21 | |
| | | | | | | | |

| | Gravity to D- | Pressure |
|---------------------|---------------|----------|
| Distribution Method | Box | Manifold |

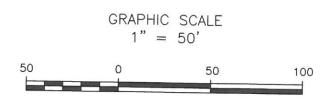
^{*}Lines 1&2, 3&4, and 5&6 will be tied together at the ends to feed from a D-Box

Avery Pond 3-Bedroom Septic Proposal Lot #136



Avery Pond Dr.

System: Gravity D-Box Lines: 1-6 (225') 0.35 LTAR 24" Trench Bottom Accepted Status System Repair: T&J Panel Lines: 7-11 (225') 0.35 LTAR 24" Trench Bottom Pressure Manifold



Adams Soil Consulting 919-414-6761 Job #708