

HTE# Repair

Harnett County Department of Public Health

28295

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: John Homan - Junction ^{Duncan} PROPERTY LOCATION: 12638 NC Hwy 42 LOT # _____

NEW REPAIR EXPANSION SUBDIVISION _____

Type of Structure: Existing Store Site Improvements required prior to Construction Authorization Issuance: _____

Proposed Wastewater System Type: 25% Reduction System

Projected Daily Flow: 480 GPD

Number of bedrooms: _____ Number of Occupants: _____ max

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 _____ feet

Permit conditions: _____ Permit valid for: 60 Five years days No expiration

Authorized State Agent: [Signature] Date: 5/18/2015 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: John Homan PROPERTY LOCATION: 12638 NC Hwy 42 LOT # _____

Facility Type: Existing Store New Expansion Repair

Basement? Yes No Basement Fixtures? Yes No

Type of Wastewater System** _____ (Initial) Wastewater Flow: 480 GPD

(See note below, if applicable) 25% Reduction System (Repair)

Installation Requirements/Conditions

Septic Tank Size Existing gallons

Pump Tank Size Existing gallons

Number of trenches 1

Exact length of each trench 480 feet

Trenches shall be installed on contour at a Maximum Trench Depth of: 18-24 inches (Trench bottoms shall be level to +/-1/4" in all directions)

Trench Spacing: 9 Feet on Center

Soil Cover: 6 inches (Maximum soil cover shall not exceed 36" above the trench bottom)

Pump Requirements: _____ ft. TDH vs. _____ GPM _____ inches below pipe

Aggregate Depth: _____ inches above pipe _____ inches total

Conditions: System based on proposal from soil consultant

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: 5/18/2015

Construction Authorization Expiration Date: 7/18/2015

Jack Homan

Proposal

Additon to Duncan Junction Field

<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		2.0		100.0		<u>in field</u>	<u>installation</u>
INST. 1			102.0				
1	Yellow			3.4	98.6	92	90
2	Red			3.8	98.2	85	85
3	Blue			4.2	97.8	73	70
4	Orange			4.6	97.4	66	65
5	Yellow			4.9	97.1	55	55
6	Red			5.2	96.8	40	40
					Total	411	405

*Lines 1-9 trench bottoms vary from 18-24"

System

1-6

System Type

Accepted Status System
EZ-FLOW

Suggested Soil LTAR

0.40

Total Line Length

405

Square Footage

1215

Proposed Trench Bottom

24"

Distribution Method

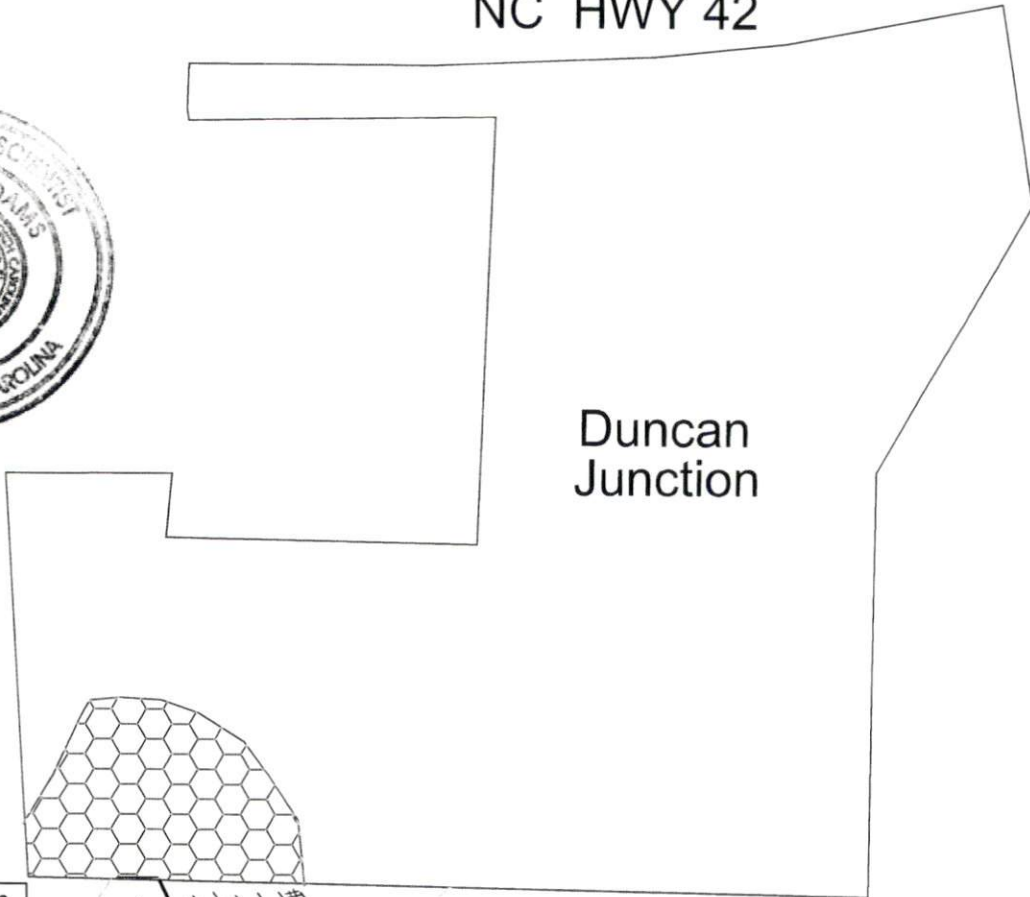
Pressure Manifold

Preliminary Soils Evaluation
 Jack Homan (Duncan Junction)
 Lot #13 Austin Farms
 Harnett County, NC

NC HWY 42



Duncan Junction



Residual Lot to contain
 >600' of potential septic
 drain line to support
 3-Bedroom Home

~400' of New septic line
 could be added to existing field

Proposed New Easement or Property Line

Twin Fields Dr.

*Not a Survey
 (sketched from Harnett County GIS)

Legend

Approximate Location of Existing Septic Field

GRAPHIC SCALE
 1" = 100'



Adams
 Soil Consulting
 919-414-6761
 Project #288