

HTE# 16-540435

Harnett County Department of Public Health

29426

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: SHINDLEDECKER, JAMES
PROPERTY LOCATION: DAUPHINE ST.
SUBDIVISION: CAPTAINS LANDING LOT # 7R
NEW [X] REPAIR [] EXPANSION []
Type of Structure: SFD (40x50)
Proposed Wastewater System Type: Pump To 25% Reduction Sys.
Projected Daily Flow: 240 GPD
Number of bedrooms: 2 Number of Occupants: 4 max
Basement [] Yes [X] No
Pump Required: [X] Yes [] No [] May be required based on final location and elevations of facilities
Type of Water Supply: [] Community [X] Public [] Well Distance from well _____ feet
Permit valid for: [X] Five years [] No expiration
Permit conditions: _____

Authorized State Agent: [Signature] Date: 3/17/17 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: SHINDLEDECKER, JAMES
PROPERTY LOCATION: DAUPHINE ST.
SUBDIVISION: CAPTAINS LANDING LOT # 7R
Facility Type: SFD (40x50) [X] New [] Expansion [] Repair
Basement? [] Yes [X] No Basement Fixtures? [] Yes [X] No
Type of Wastewater System: Pump To 25% Reduction System (Initial) Wastewater Flow: 240 GPD
(See note below, if applicable [])
Exempts (.1945) (Repair)

Installation Requirements/Conditions
Septic Tank Size 1000 gallons
Pump Tank Size _____ gallons
Number of trenches 4
Exact length of each trench various feet Trench Spacing: 9 Feet on Center
Trenches shall be installed on contour at a Soil Cover: 6 inches
Maximum Trench Depth of: 16 inches (Maximum soil cover shall not exceed 36" above the trench bottom)
in all directions) PRESSURE MANIFOLD
Pump Requirements: _____ ft. TDH vs. _____ GPM _____ inches below pipe
Aggregate Depth: _____ inches above pipe
Conditions: PERMIT BASED ON PROPOSAL FROM APPLICANT LSS _____ 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: 3/17/17
Construction Authorization Expiration Date: 3/17/22

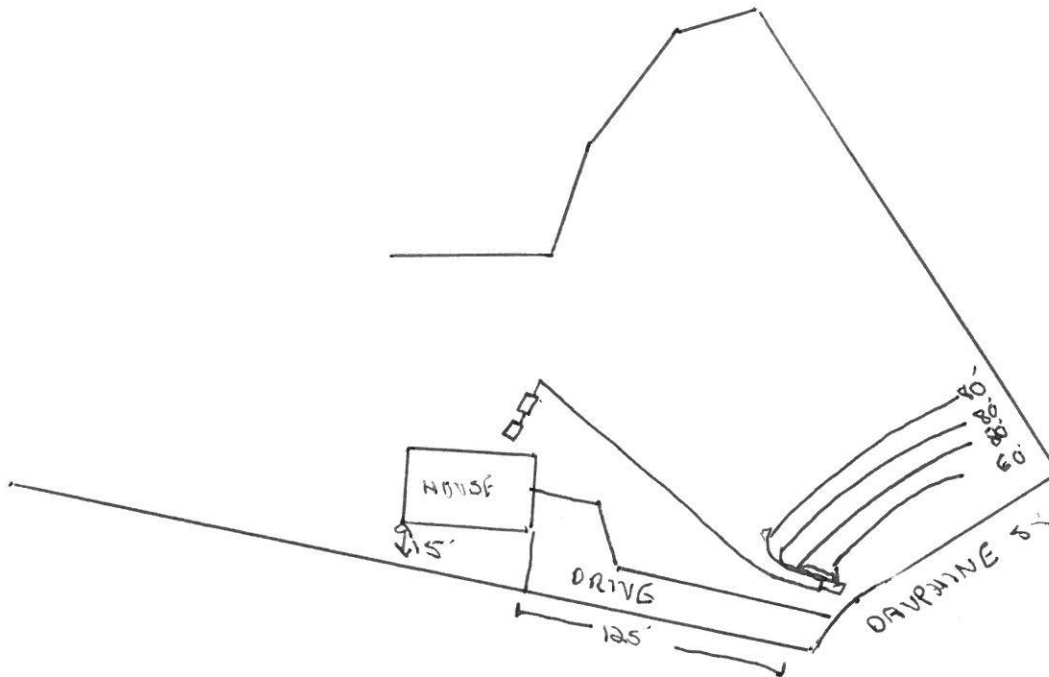
HTE# 16-5-40435

Permit # 29426

Harnett County Department of Public Health Site Sketch

ISSUED TO: SIMONE DECKER, JAMES PROPERTY LOCATOR: DAUPHINE ST.
SUBDIVISION CAPTAINS LANDING LOT # 7R

Authorized State Agent: ~~XXXXXXXXXXXXXXXXXXXX~~ DEAN (OLIVER TOLSONOFF) Date: 3/17/17



- * SYSTEM FLAGGED
- * SEE ATTACHED MANIFOLD DESIGN SHEET
- * CALL WITH QUESTIONS PRIOR TO INSTALLATION

Pressure Manifold Design Criteria

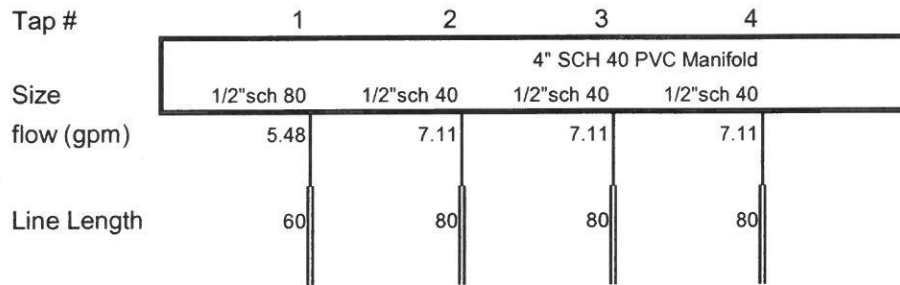
Initial System

Line Number	Line Color	Elevation	Drainline Length(ft)	Tap Size/Schedule	Flow/tap (gpm)	gpd/ft	LTAR (gpd/sqft)
1	B	99.95	60	1/2"sch 80	5.48	1.226	0.409
2	R	98.99	80	1/2"sch 40	7.11	1.193	0.398
3	Y	97.94	80	1/2"sch 40	7.11	1.193	0.398
4	B	96.81	80	1/2"sch 40	7.11	1.193	0.398

Total Drainline= 300 Total Flow= 26.81

Pressure Head (ft)= 2 Target LTAR* (gpd/sf)= 0.4 LTAR + 5% 0.42
 Daily Flow= 360 Total Flow (gpm)= 26.81 Daily PRT(min)= 13.43
 Dose Vol= 146.93 gallons w/ Pipe Vol @% 75 Dose PRT (min)= 5.48

MANIFOLD DIAGRAM:



* Soil LTAR 0.3 gpd/sf; convert for accepted system drainlines $0.3 / .75 = 0.4$ gpd/sf