

HTE# 15-5-35979

Harnett County Department of Public Health

28375

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Howell Edwards PROPERTY LOCATION: 2183 Mann Rd
 SUBDIVISION _____ LOT # 4
 NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance: _____
 Type of Structure: SFD
 Proposed Wastewater System Type: 25% REDUCED
 Projected Daily Flow: 360 GPD
 Number of bedrooms: 3 Number of Occupants: 6 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 valid for: Five years
 Permit conditions: _____ No expiration

Authorized State Agent: James E. Markant Date: 5-19-15 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: Howell Edwards PROPERTY LOCATION: 2183 Mann Rd
 SUBDIVISION _____ LOT # 4
 Facility Type: SFD New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% REDUCED system (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable)
Pump to 28% REDUCED (Repair)
Installation Requirements/Conditions
 Septic Tank Size 1000 gallons Number of trenches 3
 Pump Tank Size _____ gallons Exact length of each trench 100 feet Trench Spacing: 9 Feet on Center
 Trenches shall be installed on contour at a Soil Cover: 6 inches
 Maximum Trench Depth of: 24 MAX 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 Aggregate Depth: 6 inches below pipe
 _____ inches above pipe
 Conditions: _____ 12 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: James E. Markant Date: 5-19-15
 Construction Authorization Expiration Date: 5-15-20

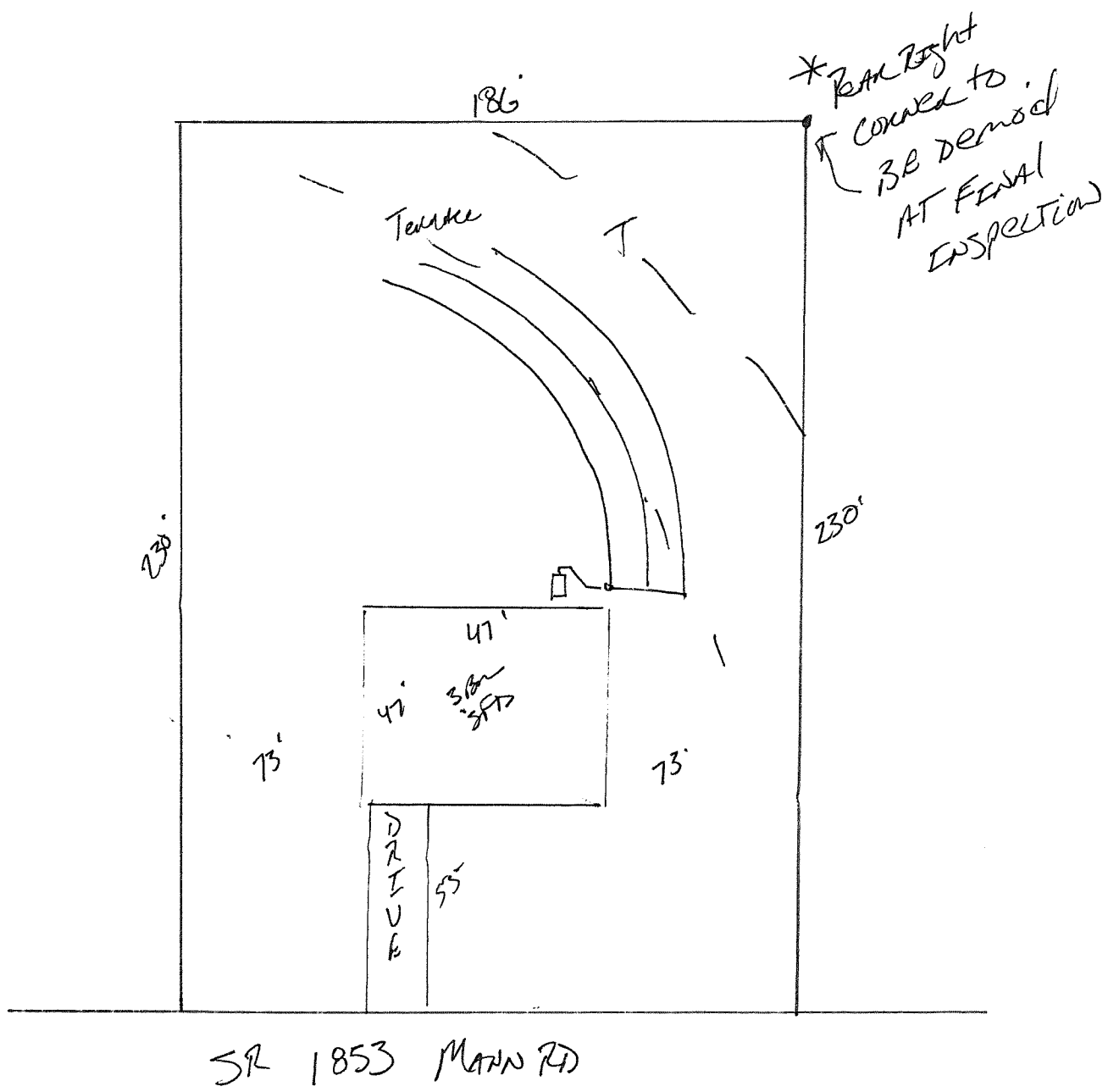
HTE# 15-5-35979

Permit # 28375

Harnett County Department of Public Health Site Sketch

ISSUED TO: Howell EDWARDS PROPERTY LOCATOR: SR 1853 MAIN RD SUBDIVISION _____ LOT # 4

Authorized State Agent: [Signature] Date: 5-19-15



Adams Soil Consulting

1676 Mitchell Road
Angier, NC 27501
919-414-6761

April 22, 2013
Project # 172

Joyner Piedmont Surveying
105 East Cumberland Street
P.O. Box 115
Dunn, NC 28335

Harnett County Minor Subdivision Report

RE: Soil/Site evaluation for lots #1 -4 of the subdivision for the Mann Property Owners, LLC, c/o Mary Ellen J. Lauder

Mr. Joyner:

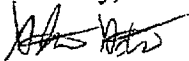
Adams Soil Consulting (ASC) completed a soils evaluation per your request for the subdivision of lots # 1-4 for Mann Property Owners, LLC located adjacent to Mann Road in Harnett County, NC. The property is located on NC Hwy NCSR 1853 represents approximately 4.61 acres . The soil/site evaluation was performed using hand auger borings, under moist soil conditions, based on the criteria found in the State Subsurface Rules, 15ANCAC 18A .1900 "Laws and Rules for Sewage Treatment and Disposal Systems". The soils on lots 1-4 contain sufficient suitable soils for conventional type initial septic systems and repair areas for at least one 4-bedroom home per lot. Each of the lots should support a house foot print of at least 60' X 60' for a new home. Each lot contains greater than 20,000 ft² of suitable soils that consist of sandy loam, sandy clay, or clay subsoils that can support a daily loading rate of 0.3-0.4gallons/day/ft².

The specific septic systems and loading rates for each lot will be assigned by the Harnett County Health Department. The area for the proposed septic field shall not be impacted by home sites, pools, or garages and shall not be mechanically altered from the natural lay of the land.

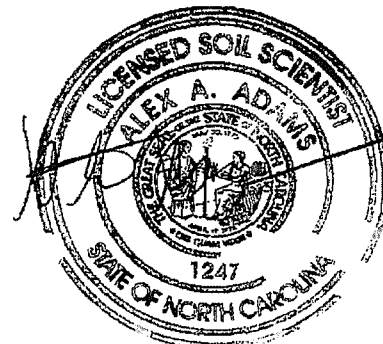
The lots will require a detailed soils evaluation by the Harnett County Health Department prior to issuance of any permits. Depending on the location and size of the proposed home, garage, pool area etc. a septic system layout/design may be required before a permit can be issued on the above referenced lots demonstrating available space for a septic system and repair area. Due to the subjective nature of the permitting process and the variability of naturally occurring soils, ASC cannot guarantee that areas delineated as suitable for on-site wastewater disposal systems will be permitted by the governing agency. Only a portion of the property was evaluated per the client's request. It should be noted that a more detailed soils evaluation is needed to access the potential soil constraints that may limit future land subdivision.

Please give me a call if you have any questions.

Sincerely,



Alex Adams
NC Licensed Soil Scientist
Encl: Soils Map



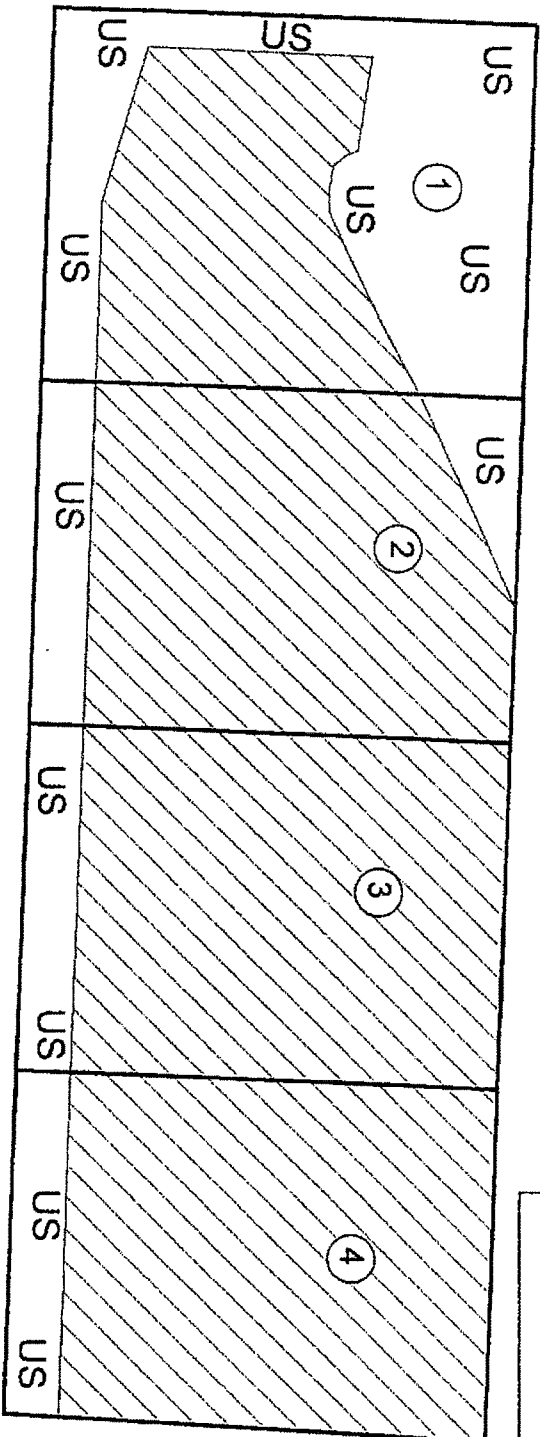
Preliminary Soils Evaluation

Mann Property Owners, LLC

Lots 1-4, ~4.61 acres

Harnett County, NC

*Not a Survey
(sketched from preliminary plat)



"Mann Road" N.C.S.R. 1853

Legend

	Areas contain soils with 30 inches or more of unsuitable soil material and have potential for conventional, modified conventional, LPP or ultra-shallow conventional septic systems. There may be inclusion of soils 24-26 inches to a restrictive horizon that will have potential for LPP septic systems.
US	Unsuitable areas for onsite waste water disposal.

- *Preliminary Soils Evaluation
- *Soil boundary was sketched onto a preliminary map of the property supplied by the client's surveyor.
- *Not a Survey.
- *Septic system setbacks listed below for new lots.
 - 1) 10' from property lines.
 - 2) 100' from wells for primary systems.
 - 3) 50' from surface waters (streams, ponds, lakes).
- *Any mechanical disturbances such as grading, cutting and filling of the suitable soil areas can render areas unsuitable for future septic systems.
- *See accompanying report for additional information.
- *Due to Soil Variability, Adams soil consulting cannot guarantee that the areas shown as suitable will be permitted by the local Health Department.

GRAPHIC SCALE
1" = 100'



Adams
Soil Consulting
919-414-6761
Project #172