BLDR-2025-78798

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 Mooresville Office (704) 660-3625

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PERMIT # OSWP 2025-79580

PIN # 3782 – 84 – 6295

APPLICANT/OWNER: Soil & Forestry Services LLC APPLICANT ADDRESS: 126 3rd Creek Rd, Statesville, NC 28677

SITE ADDRESS: 120 Starboard Ln, Statesville, NC 28677 PHONE: ALT. PHONE:

SITE DIRECTIONS: S Sharon School Rd -> R 70E -> R Bluewater Dr -> R Starboard -> lot on R SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Riveroaks Landings SECTION: 1 LOT # 99 LOT AREA: 0.62 DESIGN FLOW: 360 gpd L.T.A.R.(Initial): 0.3 L.T.A.R (Repair): 0.1

Septic Tank 1000 (gal) STB Date

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 5 Linear Ft: 200

Trench Width 36 *Max. Trench Depth(Initial) 24 *Max. Trench Depth(Repair) 6 Gravel Depth n/a

* Measured on the downhill side of the trench

☑ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI

System Description: HPPBPS - IIIb

Repair System Description: Drip (Va)

Maintenance Agreement Required: ☐ YES ☑ NO

☑ GRAVITY ☐ PRESSURE

Effluent Standard: ☑ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

Usable Depth to LC (Initial): 50

☑ Residence No. Bedrooms 3

☐ Business No. Persons 6

☐ Other No. Employees

☐ Slab ☑ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

Usable Depth to LC (Repair): 30 *Limiting Condition*

Water Supply

☐ Private

☑ Public

☐ Community

Comments / Conditions: Do not pave, grade, drive, park, or bury utilties in drainfield.
Divert all drainage from septic area.

INITIAL SITE SKETCH

Improvement permit issued pursuant to: G.S. 130A-335(a2), (a3) & (a4) using signed & sealed LLS/LG Evaluation attached, from:

Ashley Rollans

LSS# 1231

Construction authorization issued pursuant to: G.S. 130A-335(a2) & (a5)

AOWE# 10027E

Please note - edits made in Bluebeam may not be visible if viewed on a cellphone! Use computer to ensure all comments & notes can be seen.

AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

Tank $ - SH 11/20/25
Line - SH
need filter
need to check speed levers

Installed as Shown

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** ***with plat*** *valid without expiration.* ☑ **IMPROVEMENT PERMIT** ***with site plan*** *valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Online Signature Date:

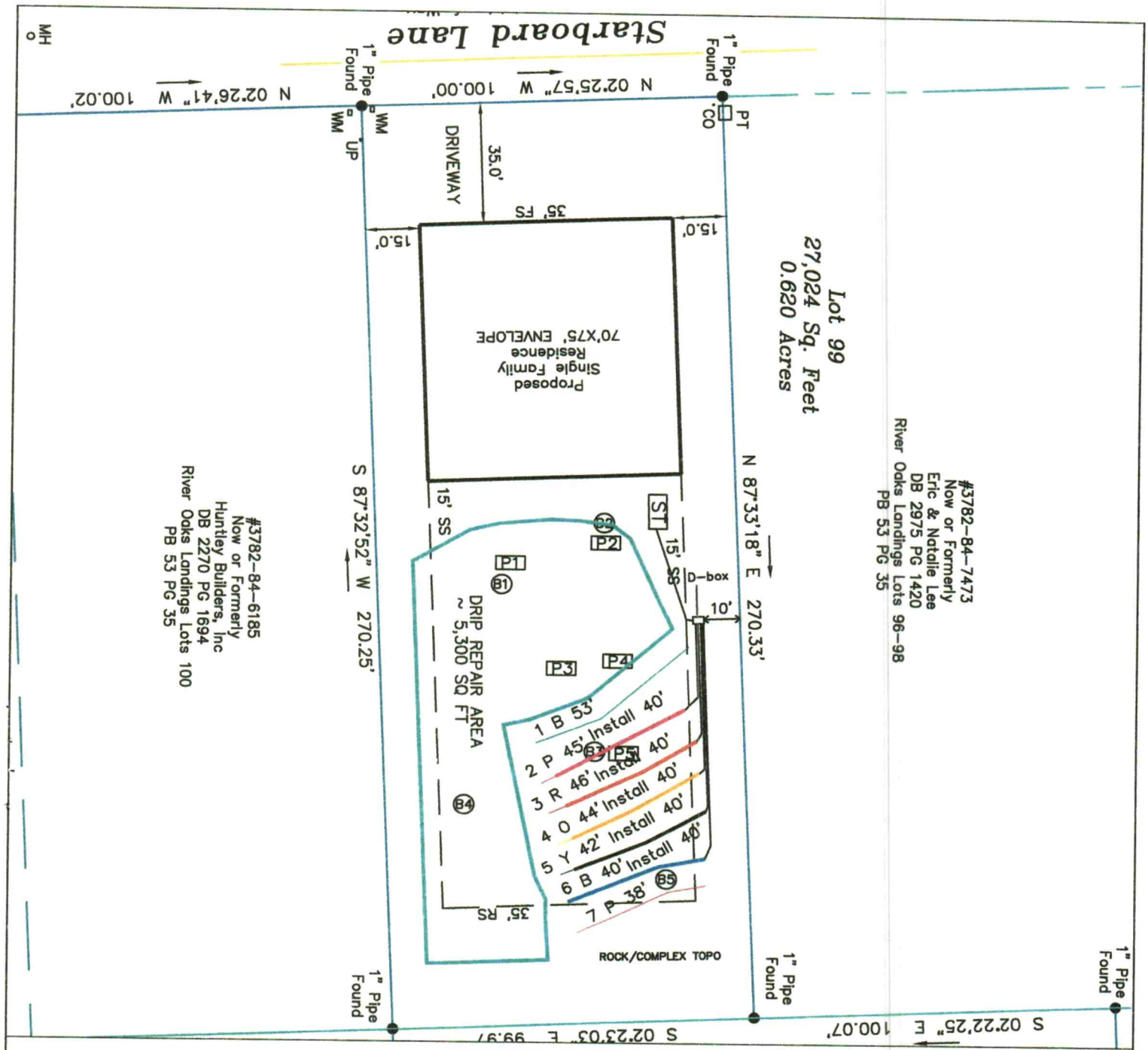
IMPROVEMENT PERMIT by: D. Wieberg Date: 7/14/25

AUTHORIZATION TO CONSTRUCT by: D. Wieberg Date: 7/14/25

Installed by: Chris Frye

OPERATION PERMIT by: Date: 11/25/25

Existing System Inspected by: Date:



LEGEND

Areas contain at least 36 inches of usable material and have potential for accepted, modified conventional (hppbps) and conventional type septic systems.

Areas contain at least 18 inches of usable material and have potential for innovative drip irrigation type septic systems.

Not Evaluated/Unsuitable.

(5) Boring Locations. [5] Pit Locations.

GRAPHIC SCALE
1" = 40'

40 0 40 80

FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE FINAL APPROVAL BY THE COUNTY HEALTH DEPARTMENT ON A LOT BY LOT BASIS. THIS MAP SHOULD BY USED AS A GENERAL GUIDE, SOME ADJUSTMENTS WILL BE NECESSARY IN THE FIELD DUE TO SOIL VARIABILITY AND COMPLEX TOPOGRAPHIC FEATURES.
THIS MAP ONLY REFLECTS EXISTING SOIL SUITABILITY FOR ON-SITE SEPTIC TANK SYSTEMS.

SOIL & FORESTRY SERVICES OF THE CAROLINAS, PA.
P.O. BOX 5872
STATESVILLE, NC 28687
PHONE: (704) 746 - 5046
ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746 - 5046
EMAIL: ASHLEYROLLANS@GMAIL.COM

MAP TITLE: SITE PLAN

PROJECT NAME: NOT JUST ARMCANDY, LLC./120 STARBOARD LANE

LOCATION/DATE: 120 STARBOARD LANE IREDELL COUNTY, NORTH CAROLINA JUNE 2025

JOB # : 25-0061
FILE: C:\JOBS\25-0061
PROJECT MGR.: S.A.R.
FIELD WORK: S.A.R. & C.W.
DRAWN BY: S.A.R. & C.W.

Permit/File #: OSWP-2025-79580

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES

ROY COOPER • Governor
KODY H. KINSLEY • Secretary
MARK BENTON • Deputy Secretary for Health
SUSAN KANSAGRA • Assistant Secretary for Public Health
Division of Public Health

Submittal Includes; [X] (a2) Improvement Permit [X] (a2) Construction Authorization [ ] Fee $

IMPROVEMENT PERMIT FOR G.S. 130A-335(a2)

County: Iredell

PIN/Lot Identifier: 3782846295

Issued To: Jayson Waller // Not Just Armcandy LLC

Property Location: 120 Starboard Ln, Statesville NC 28677

Subdivision (if applicable): River Oaks Landing Lot#: 99 Block: Section:

LSS Report Provided: Yes [X] No [ ]

If yes, name and license number of LSS: Ashley Rollans #1231

New [X] Expansion [ ] System Relocation [ ] Change of Use [ ]

Facility Type: 3 bedroom house

Number of bedrooms: 3 Number of Occupants: 6 Other:

Design Wastewater Strength: [X] Domestic [ ] High Strength [ ] Industrial Process Wastewater

Proposed Design Daily Flow: 360 GPD Proposed LTAR (Initial): 0.3 Proposed LTAR (Repair): 0.1

Proposed Wastewater System Type*: IIIe(HPPBPS) GRAVITY (Initial) Pump Required: [ ] Yes [X] No [ ] May be required

Proposed Wastewater System Type*: Vd(Drip) Pressure (Repair) Pump Required: [X] Yes [ ] No [ ] May be required

**Please include system classification for proposed wastewater system types in accordance with Rule .1301 Table XXXII*

Effluent Standard: [X] DSE [ ] HSE [ ] NSF/ANSI 40 [ ] TS-I [ ] TS-II [ ] RCW

Saprolite System (Initial): [ ] Yes [X] No Saprolite System (Repair): [ ] Yes [X] No

Fill System (Initial): [ ] Yes [X] No If yes, specify: [ ] New [ ] Existing (when adding more than 6 inches of fill to system area provide a fill plan)

Fill System (Repair): [ ] Yes [X] No If yes, specify: [ ] New [ ] Existing (when adding more than 6 inches of fill to system area provide a fill plan)

Usable Depth to LC (Initial)*: 50-54 Usable Depth to LC (Repair)*: 30 ** Limiting Condition*

Max. Trench Depth (Initial)†: 24 Max. Trench Depth (Repair)†: 6 *† Measured on the downhill side of the trench*

Artificial Drainage Required: [ ] Yes [X] No If yes, please specify details:

Type of Water Supply: [ ] Private well [ ] Public well [ ] Shared well [X] Municipal Supply [ ] Spring [ ] Other:

Drainfield location meets requirements of Rule .0508: Yes [X] No [ ] Drainfield location meets requirements of Rule .0601: Yes [X] No [ ]

Permit valid for: [X] Five years [site plan submitted pursuant to GS 130A-334(13a)] [ ] No expiration [plat submitted pursuant to GS 130A-334(7a)]

Permit conditions:

Proposed septic areas are to remain undisturbed (no grading, no utilities installation)

Proposed septic areas should be fenced/protected from disturbance (vehicle traffic, debris, etc...)

See Design for any additional details

Licensed Soil Scientist Print Name: Ashley Rollans, LSS

Licensed Soil Scientist Signature: Date: 6/23/2025

The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2).

See attached site sketch

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES
Division of Public Health

Permit/File #: OSWP-2025-79580

This Section for Local Health Department Use Only

Initial submittal received: 7/11/25 (*Date*) by DW (*Initials*)

G.S. 130A-335(a3) states the following:

When an applicant for an Improvement Permit submits to a local health department an Improvement Permit application, the permit fee charged by the local health department, the common form developed by the Department, and a soil evaluation pursuant to subsection (a2) of this section, the local health department shall, within five business days of receiving the application, conduct a completeness review of the submittal. A determination of completeness means that the Improvement Permit includes all of the required components. If the local health department determines that the Improvement Permit is incomplete, the local health department shall notify the applicant of the components needed to complete the Improvement Permit. The applicant may submit additional information to the local health department to cure the deficiencies in the Improvement Permit. The local health department shall make a final determination as to whether the Improvement Permit is complete within five business days after the local health department receives the additional information from the applicant. If the local health department fails to act within any period set out in this subsection, the applicant may treat the failure to act as a determination of completeness. The Department shall develop a common form for use as the Improvement Permit.

The review for completeness of this Improvement Permit was conducted in accordance with G.S. 130A-335(a3). This Improvement Permit is determined to be:

☐ Incomplete (If box is checked, information in this section is required.)

The following items are missing:

_____

_____

Copies of this were sent to the LSS and the Applicant on _____ (*Date*)

State Authorized Agent: _____ Date: _____

☒ Complete

State Authorized Agent: D. Wieberg Date: 7/14/25

This Improvement Permit is issued pursuant to G.S. 130A-335 (a2) and (a3) using the signed and sealed LSS/LG evaluation(s) attached here. The issuance of this permit 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 permit 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 15A NCAC 18E and to the conditions of this permit.

The Department, the Department's authorized agents, and the local health departments shall be discharged and released from any liabilities, duties, and responsibilities imposed by statute or in common law from any claim arising out of or attributed to evaluations, submittals, or actions from a licensed soil scientist or licensed geologist pursuant to GS 130A-335(a2).

Improvement Permit Expiration Date: 7/14/30

See attached site sketch

Permit/File #: OSWP-2025-79580

CONSTRUCTION AUTHORIZATION FOR G.S. 130A-335(a2)

County: Iredell — Pre-Construction Conference Required: [ ] Yes [X] No

PIN/Lot Identifier: 3782846295

Issued To: Jayson Waller // Not Just Armcandy LLC

Property Location: 120 Starboard Ln, Statesville NC 28677, Lot#99

AOWE/PE Plans/Evaluations Provided: Yes [X] No [ ] If yes, name and license number of AOWE/PE: Ashley Rollans #10027E

Facility Type: 3 bedroom house

Number of bedrooms: 3 Number of Occupants: 6 Other:

[X] New [ ] Expansion [ ] Repair [ ] System Relocation [ ] Change of Use

Basement? [ ] Yes [X] No Basement Fixtures? [ ] Yes [ ] No

Crawl Space? [X] Yes [ ] No Slab Foundation? [ ] Yes [X] No

Type of Wastewater System* IIIb(VPPBPS) PMANIFOLD (Initial) Vd(Drip) Pressure (Repair)

**Please include system classification for proposed wastewater system types in accordance with Rule .1301 Table XXXII*

Design Daily Flow: 360 GPD Wastewater Strength: [X] Domestic [ ] High Strength [ ] Industrial Process WW

Session Law 2014-120 Section 53, Engineering Design Utilizing Low-flow Fixtures and Low-flow Technologies? [ ] Yes [X] No
(if yes, please provide engineering documentation)

Effluent Standard: [X] DSE [ ] HSE [ ] NSF/ANSI 40 [ ] TS-I [ ] TS-II [ ] RCW

Type of Water Supply: [ ] Private well [ ] Public well [ ] Shared well [X] Municipal Supply [ ] Spring [ ] Other:

Installation Requirements/Conditions

Septic Tank Size: 1000 gallons Total Trench/Bed Length: 200 feet Trench/Bed Spacing: 8 feet on center

Trench/Bed Width: 36 inches LTAR: 0.3 gpd/ft² Usable Depth to LC (Initial)*: 50-54 *Limiting condition

Soil Cover: 10 inches Slope Adjusted Maximum Trench/Bed Depth‡: 24 inches *‡ Measured on the downhill side of the trench*

Pump Tank Size (if applicable): N/A galllons Requires more than 1 pump? [ ] Yes [X] No

Pump Requirements: N/A ft. TDH vs. N/A GPM Grease Trap Size (if applicable): gallons

Distribution Method: [ ] Serial [X] D-Box or Parallel [ ] Pressure manifold(s) [ ] LPP [ ] Other

Artificial Drainage Required: Yes [ ] No [X] If yes, please specify details:

Legal Agreements *(If the answer is "Yes" to any type of legal agreements, please attach a copy of the agreement.)*

Multi-party Agreement Required [.0204(g)]: [ ] Yes [X] No Declaration of Restrictive Covenants: [ ] Yes [X] No

Easement, Right-of-Way, or Encroachment Agreement Required [.0301(b)]: [ ] Yes [X] No

Management Entity Required: Yes [ ] No [X] Minimum O&M Requirements:

Permit conditions:

- Proposed septic areas are to remain undisturbed (no grading, no utilities installlation)
- Proposed septic areas should be fenced/protected from disturbance (vehicle traffic, debris, etc...)
- See Design for any additional details

The requirements of 15A NCAC 18E are incorporated by reference into this permit and shall be met. Systems shall be installed in accordance with the attached site sketch. *This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes.* The Construction Authorization shall not be affected by a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of 15A NCAC 18E, or 15A NCAC 18A .1900, as applicable, and to the conditions of this permit.

AOWE/PE Print name: Ashley Rollans, LSS Expiration Date: 6/23/2030

AOWE/PE Signature: Date: 6/23/2025

This AOWE/PE submittal is pursuant to and meets the requirements of G.S. 130A-335(a2) and (a5).

See attached site sketch

NC ONSITE WASTEWATER EVALUATOR Certification Number 10027E

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES
Division of Public Health

Permit/File #: OSWP-2025-79580

This Section for Local Health Department Use Only

Initial submittal received: 7/11/25 *Date* by DW *Initials*

G.S. 130A-335(a5) states the following:

When an applicant for a Construction Authorization, or an Improvement Permit and Construction Authorization together, submits a Construction Authorization, or an Improvement Permit and Construction Authorization application together, the permit fee charged by the local health department, the common form developed by the Department, and any necessary signed and sealed plans or evaluations conducted by a person licensed pursuant to Chapter 89C of the General Statutes as a licensed engineer or a person certified pursuant to Article 5 of Chapter 90A of the General Statutes as an Authorized On-Site Wastewater Evaluator, the local health department shall, within five business days of receiving the application, conduct a completeness review of the submittal. A determination of completeness means that the Construction Authorization or Improvement Permit and Construction Authorization includes all of the required components. If the local health department determines that the Construction Authorization or Improvement Permit and Construction Authorization is incomplete, the local health department shall notify the applicant of the components needed to complete the Construction Authorization or Improvement Permit and Construction Authorization. The applicant may submit additional information to the local health department to cure the deficiencies in the Construction Authorization or Improvement Permit and Construction Authorization. The local health department shall make a final determination as to whether the Construction Authorization or Improvement Permit and Construction Authorization is complete within five business days after the local health department receives the additional information from the applicant. If the local health department fails to act within any period set out in this subsection, the applicant may treat the failure to act as a determination of completeness. The applicant may apply for the building permit for the project upon the decision of completeness of the Construction Authorization or Improvement Permit and Construction Authorization by the local health department or if the local health department fails to act within five business days. The Authorized On-Site Wastewater Evaluator or licensed engineer submitting the evaluation pursuant to this subsection may request that the local health department revoke or suspend the Construction Authorization or Improvement Permit and Construction Authorization for cause. Upon written request of the Authorized On-Site Wastewater Evaluator or licensed engineer, the local health department shall suspend or revoke the Construction Authorization or Improvement Permit and Construction Authorization pursuant to G.S. 130A-23. The Department shall develop a common form for use as the Construction Authorization.

The review for completeness of this Construction Authorization was conducted in accordance with G.S. 130A-335(a5). This Construction Authorization is determined to be:

☐ Incomplete (If box is checked, information in this section is required.)

The following items are missing: _____

_____

Copies of this were sent to the AOWE/PE and the Applicant on _____ *Date*

State Authorized Agent: _____ Date: _____

■ Complete

State Authorized Agent: D. Wieberg Date of Issuance: 7/14/25

This Construction Authorization is issued pursuant to G.S. 130A-335(a2) and (a5) using the signed and sealed plans or evaluations attached here. This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be affected by 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.

The Department, the Department's authorized agents, and the local health departments shall be discharged and released from any liabilities, duties, and responsibilities imposed by statute or in common law from any claim arising out of or attributed to plans, evaluations, preconstruction conference findings, submittals, or actions from a person licensed pursuant to Chapter 89C of the General Statutes as a licensed engineer or a person certified pursuant to Article 5 of Chapter 90A of the General Statutes as an Authorized On-Site Wastewater Evaluator in GS 130A-335(a2), (a5), and (a7). The Department, the Department's authorized agents, and the local health departments shall be responsible and bear liability for their actions and evaluations and other obligations under State law or rule, including the issuance of the operations permit pursuant to GS 130A-337.

Construction Authorization Expiration Date: 7/14/30

See attached site sketch

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 25-0081
June 23, 2025

Not Just Armcandy LLC
Attn: Jayson Waller
Email: Jaysonwaller1979@gmail.com

RE: Soil & Site Evaluation for a 3 Bedroom Residence at 120 Starboard Lane (LOT 99), Statesville NC 28677, PIN # (3782846295), Iredell County.

Not Just Armcandy LLC:

At your request Soil & Forestry Services of the Carolinas (S&FS) has performed soil/site evaluations on parcel noted above. The Lot size is noted on the attached survey map & soil evaluation form. The purpose of our work was to identify soil areas with potential to support subsurface wastewater disposal systems and provide design details for Session Law submittal to Iredell County Health Department.

Site Conditions

At the time of our evaluation land cover on the property was mostly wooded lot. Topography within the evaluated area was gently slope near the house site and proposed drainfield area. Property lines and corners were marked at the time of the evaluation by Thomas Williams. The client provided an Autocad File of the lot as a basemap. The proposed septic layout was located via measuring tape/GPS and used to produce the attached *Site Plan*. The final house envelope must be staked by the surveyor and fit within the envelope illustrated on the Site Plan.

Methodology

We evaluated soil areas through the use of excavator pits & auger borings. Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with five pit locations & five auger borings on the property flagged and located via GPS. All pits & auger borings are located in the proposed system and repair areas. Soil suitability was determined by referencing 15A NCAC 18E "Wastewater Treatment & Dispersal Systems". *Soil & Site Evaluation Forms* were utilized to record the soil morphological data for each pit & auger boring. An on-ground layout of system was performed using a laser level. Pin flag locations of the layout were also located by tape measure and GPS. The drip irrigation repair area was based on ~5,300 SF. This is sufficient to accommodate 1200 LF on 2 foot centers. Detailed system & repair information is summarized in the following paragraph for this Lot.

120 Starboard Ln-Lot 99 *(See Attached Design)*
The septic layout for this lot (8' centers) yielded a total of 308 linear feet of line. The primary system is proposed as 200 linear feet of HPPBPS (50% Reduction) drainfield with gravity distribution. Trench depth (Low Side) is specified at 24 inches. The repair system is proposed ~5,300 SQ FT drip irrigation system with pressure distribution. Trench depth (Low Side) is specified at 6 inches. *Note: There is 108 linear feet of additional HPPBPS available for repair if needed.

Session Law Requirements

All information needed to issue the IP must be submitted with the application. The application shall include all information described in 15A NCAC 18E .0202 and be accompanied by a signed and dated statement from the applicant (owner or owner's legal representative) that reads as follows:

"The LSS/LG evaluation(s) attached to this application is to be used to issue an Improvement Permit in accordance with G.S. 130A-335(a2) and (a3)."

Owner

Date

Print Name W Jayson Walker
Signature _____ 7-8-25

The LSS evaluation shall include a statement bearing the LSS seal and signature that reads as follows:

"The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2)."

Disclaimer
This report reflects the findings of S&FS, PA. *This LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2)."* Any site modifications that impact the proposed septic areas at 120 Starboard Lane, Statesville NC 28677 may nullify this design. System design requirements and site requirements shall be adhered to for installation and Operations Permits to be issued by the local Health Department. If you have questions regarding these requirements a Pre-Construction meeting should be scheduled to discuss. Please contact S&FS if you have any questions regarding this report or the attached information. S&FS also offers septic system inspection, wetland delineation and forestry services.

Sincerely,

LICENSED SOIL SCIENTIST
SAMUEL A. ROLLANS
1231
STATE OF NORTH CAROLINA

S. Ashley Rollans, LSS
Attachment: *Septic Design*

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

6/23/2025

Iredell County Environmental Health
Attn: Heath Snow
349 N Center Street
Statesville, NC 28677

Re: Improvement Permit & CA Submittal for 120 Starboard Ln, Statesville NC 28677 (Lot #99)

Mr. Snow,

Attached please find sealed soil notes as well as site plans and design related data for a 3 bedroom HPPBPS system using GRAVITY distribution.

"The LSS evaluation attached to this application is to be used to issue an Improvement Permit in accordance with G.S. 130A-335(a2) and (a3)."

"The plans or evaluations attached to this application are to be used to issue a Construction Authorization in accordance with G.S. 130A-335(a2), (a5) and (a6)."

Owner/Applicant: Jayson Waller // Not Just Armcandy LLC

Signature: _____

Date: 7-8-25

"The LSS Evaluation is being submitted pursuant to and meets requirements of GS 130A-335(a2)." This Improvement Permit is issued pursuant to G.S. 130A-335(a2),(a3), and (a4) using the signed and sealed LSS evaluation attached here". "This AOWE submittal is pursuant to and meets the requirements of G.S. 130A-335(a2) and (a5)"

"This Construction Authorization is issued pursuant to G.S. 130A-335 (a2), and (a5) and (a6) using the signed and sealed plans or evaluations attached here."

S. Ashley Rollans

Signature: _____

Date: 6/23/2025 Seal:

LICENSED SOIL SCIENTIST
SAMUEL A. ROLLANS
1231
STATE OF NORTH CAROLINA

ONSITE WASTEWATER
Certification Number
10027-E

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES

ROY COOPER • Governor
KODY H. KINSLEY • Secretary
MARK BENTON • Deputy Secretary for Health
SUSAN KANSAGRA • Assistant Secretary for Public Health
Division of Public Health

Application for Services

This application, in conjunction with the common form established in G.S. 130A-335(a3) and (a5), is optional for local health departments to be used for applications submited in accordance with G.S. 130A-335(a2), (a3), and (a5).
[hereinafter, G.S. 130A-335(a3) and (a5) permits referred to as (a2) Improvement Permit and (a2) Construction Authorization]

Applying for:

[X] (a2) Improvement Permit [X] (a2) Construction Authorization [ ] (a2) Repair/Construction Authorization

If applying for a Construction Authorization, please indicate desired system type(s):

[ ] Accepted [ ] Conventional [ ] Innovative [ ] Other HPPBPS- Gravity [ ] Any

[X] New Construction [ ] Expansion [ ] System Relocation [ ] Change of Use [ ] Repair

[X] 5 Year Expiration Requested (site plan provided) [ ] Non-Expiring Permit Requested (plat provided, as defined in G.S. 130A-334(7a)

Requesting DHHS review? (systems >3000 GPD or IPWW) [ ] Yes [X] No

Applicant:	Ashley Rollins, LSS// Soil & Forestry Services, PA"
Mailing Address:	P.O. Box 5872
City:	Statesville
State:	North Carolina
Zip:	28687
Phone #:	980-223-8352
Email:	SFSStatesvilleNC@gmail.com

Owner:	Jayson Waller // Not Just Armcandy LLC
Mailing Address:	10130 Perimeter Pkwy Ste 420
City:	Charlotte
State:	NC
Zip:	28216
Phone #:	704-654-8796
Email:	jaysonwaller1979@gmail.com

If the answer to any of the following questions is "yes", applicant must attach supporting documentation.

[ ] Yes	[X] No	Does the site contain any jurisdictional wetlands?
[ ] Yes	[X] No	Is any wastewater going to be generated on the site other than domestic sewage?
[ ] Yes	[X] No	Is the site subject to approval by any other public agency?
[ ] Yes	[X] No	Are there any easements or right of ways on this property?

I understand that the documentation and fees, as required in G.S. 130A-335(a2), (a3), (a5), and (a6), attached to this application are to be used to issue an Improvement Permit and/or Construction Authorization pursuant to G.S. 130A-335(a2),(a3), and (a5). I understand that authorized county and state officials are granted right of entry to the property indicated on this application to conduct necessary inspections to determine compliance with applicable laws and rules. *I understand that if the information in the application for an Improvements Permit and/or Construction Authorization is falsified, changed, or the site is altered, then the Improvement Permit and Construction Authorization shall become invalid.*

Applicant Signature: _____ Date: 6/23/2025

Owner's Signature: _____ Date: 7-8-25

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

SFSStatesvilleNC@gmail.com
980-223-8352
126A Third Creek Rd
Statesville, NC 28677
SoilAndForestryServices.com

Project# 25-0081

Septic System Design for a 3 Bedroom House
HPPBPS using GRAVITY distribution
Site location: 120 Starboard Ln, Statesville NC 28677, Lot # 99

Contents **Page**

Information for the Installer ---------- 1
Design Specifications ---------- 2
Layout Specifications ---------- 3
Site Plan ---------- 4
Calculations ---------- 5
Soil Descriptions ---------- 6
Floor Plans ---------- 7

Jun 2025
Design By: Ashley Rollans



HPPBPS using GRAVITY distribution
Site location: 120 Starboard Ln, Statesville NC 28677, Lot # 99

* **CALL 811 BEFORE DIGGING**
* The permit should be read very carefully prior to bidding. The following are details that must be considered along with all other considerations.
* Tanks shall be approved by DHHS, and certification supplied by the that must be considered along with all other considerations.
* The installer shall be responsible to the owner for placement of the tanks and to insure that final grades are returned to the original natural grade, with exception of added structural features.
* The supply trench shall be compacted to eliminate cavities left during initial fill placement.
* Installation of the system shall be during dry conditions in order to protect the soil
* All fittings shall be pressure rated fittings.
* All joints shall be cleaned with PVC pipe cleaner and a heavy bodied glue applied to weld all joints.
* Where required by the county health department, post installation inspections by the designer must be scheduled 5 week days in advance.
* Trenches shall be carefully excavated so the bottom is within 2" from the highest to the lowest points of elevation within the trench. If the bottom elevation needs adjusting after it has been trenched, it will be done by removing high points rather than filling low points. It is extremely important to insure that trenches are not over excavated during initial trenching. All fine grading within the trench will be hand done with a shovel. No loose material will be left in the trench
* All pipe openings in the tanks shall be properly grouted. This also applies to the joints around the riser.
* All tanks shall be properly back filled and compacted to prevent slump at a later date.
* Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral.
* No heavy equipment shall be used on the field during or after installation. The use of a small loader (i.e. Bobcat) or a trencher (i.e. Ditch Witch 2300/2310) may be used.
* Elevations at pinflag locations should be checked by the installer prior to beginning
* Septic tank riser shall be a minimum of 6" above finished grade.

* **System specified as HPPBPS type using GRAVITY distribution**
* **Repair specified as DRIP type using DRIP distribution**
* **System trench depth specified at 24"**
* **System trenches installed on 8' minimum; 36" wide trenches**
* **Installation does not require a soil cap**

HPPBPS using GRAVITY distribution
Site location: 120 Starboard Ln, Statesville NC 28677, Lot # 99

Business (if applicable):	Not Just Armcandy LLC	
Contact:	Jayson Waller	
Phone:	704-654-8796	
Email:	jaysonwaller1979@gmail.com	
County:	Iredell	
Location:	120 Starboard Ln, Statesville NC 28677	
Source of Wastewater Flow:	3	bedroom home
Estimated Daily Wastewater Production:	360	gpd
Drain field Size:	200	lf
Loading Rate:	0.3	$gpd/ft.^2$
Trench Depth:	24	in
Trench Width:	36	in
Soil Cap:	0	in
Septic Tank Size:	1000	gal

LAYOUT SPECIFICATIONS — **Project #25-0081**

HPPBPS using GRAVITY distribution
Site location: 120 Starboard Ln, Statesville NC 28677, Lot # 99

Daily Flow (gpd) **360** **6/23/2025**

LINE #	FLAG COLOR	BS	HI	FS	ELEV	FLAGGED LENGTH	DESIGN LENGTH
TBM INSTR. 1			100.0		100.0		
			SYSTEM				
2	Pink					45	40
3	Red					46	40
4	Orange					44	40
5	Yellow					42	40
6	Blue					40	40
			REPAIR				
Drip Irrigation						~5,300 SQ FT	

	LINE LENGTH	LTAR GPD/FT^2	SYSTEM TYPE	REDUCTION TYPE	DIST	TRENCH DEPTH	SOIL CAP
SYSTEM	200	0.300	HPPBPS	50%	GRAVITY	24	0
REPAIR	~ 5,300 SQ FT	0.100	DRIP	0%	DRIP	6	0

Notes:
**TBM is assumed to be 100'
**All measures in feet
**Nitrification lines are demonstrated on contour via colored pin flags
**BS and FS indicate rod readings

HPPBPS using GRAVITY distribution
Site location: 120 Starboard Ln, Statesville NC 28677, Lot # 99

Line #	Color	Elevation	Length	Hole Size	Flow/hole	Trench Area	Number of Panels
2	Pink	0.0	40	N/A	N/A	120	9
3	Red	0.0	40	N/A	N/A	120	9
4	Orange	0.0	40	N/A	N/A	120	9
5	Yellow	0.0	40	N/A	N/A	120	9
6	Blue	0.0	40	N/A	N/A	120	9
	total	**feet =**	**200**	**gal/min =**	**N/A**		**45**

Design Flow	**360**
Soil LTAR	**0.3**
Accepted LTAR	**0.6**

SYSTEM FLOW — **Project #25-0081**

HPPBPS using GRAVITY distribution
Site location: 120 Starboard Ln, Statesville NC 28677, Lot # 99

Line #	Color	Elev	Length	Hole Size	Flow/Tap	Line gpd	Line Trench Area	Flow/Line	Line LTAR	Number of Panels
2	Pink	0.0	40	SCH 40 1/2	**7.11**	72	120	**0.178**	**0.60**	9
3	Red	0.0	40	SCH 40 1/2	**7.11**	72	120	**0.178**	**0.60**	9
4	Orange	0.0	40	SCH 40 1/2	**7.11**	72	120	**0.178**	**0.60**	9
5	Yellow	0.0	40	SCH 40 1/2	**7.11**	72	120	**0.178**	**0.60**	9
6	Blue	0.0	40	SCH 40 1/2	**7.11**	72	120	**0.178**	**0.60**	9
	total	**feet =**	200	**gal/min =**	**35.6**					**45**

Design Flow	**360**	gpd
Pump Run to Dose 360 gpd=	**10.13**	
Soil LTAR	**0.300**	
Accepted LTAR	**0.60**	

CALCULATIONS	Project #25-0081
HPPBPS using GRAVITY distribution **Site location: 120 Starboard Ln, Statesville NC 28677, Lot # 99**	

PROJECT INFO	Designer	Ashley Rollans
	Project #	25-0081
	Project MM YYYY	6/23/2025
	County	Iredell
	Project Location	120 Starboard Ln, Statesville NC 28677
	Lot # (if applicable)	99
	Subdivision (if applicable)	River Oaks Landing
	Parcel #	3782846295
	Lot size (acres)	0.62
	Easement(s) on parcel?	Yes
	Business (if applicable)	Not Just Armcandy LLC
	Name (Owner)	Jayson Waller
	Mailing Address (Owner)	10130 Perimeter Pkwy Ste 420
	City (Owner)	Charlotte
	State (Owner)	NC
	Zip (Owner)	28216
	Phone (Owner)	704-654-8796
	Email (Owner)	jaysonwaller1979@gmail.com
	Bedrooms	3
	Water Source	Municipal Supply
	Foundation Type	Crawl Space
	Daily Flow (gallons)	360
SYSTEM	System LTAR	0.3
	System Type	HPPBPS
	System Distribution	GRAVITY
	System Trench Center Distance (feet)	8
	System Trench Width (inches)	36
	System Trench Depth (inches)	24
	Soil Cap (inches)	0
	Usable Soil Depth (inches)	50-54
	Media Height (inches)	14
	Tank Size (gallons)	1000
	Required Feet of Line (system)	200
	Designed Feet of Line (system)	200
	Saprolite system?	No
REPAIR	Repair LTAR	0.1
	Repair Type	DRIP
	Repair Distribution	DRIP
	Repair Trench Center Distance (feet)	2
	Repair Trench Width (inches)	1
	Repair Trench Depth (inches)	6
	Soil Cap (inches)	0
	Usable Soil Depth (inches)	30
	Tank Size (gallons)	1000
	Required Feet of Line (repair)	1200
	Designed Feet of Line (repair)	~ 5,300 SQ FT
	Saprolite system?	No

Sheet 1 of 1

PROPERTY ID #: 3782846295

COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
(complete all fields in full)

OWNER: Keep Going Investments LLC

ADDRESS: 710 Northeast Dr Ste 11 Davidson NC 28036

PROPOSED FACILITY & Design Flow(.0400): 3 BR Residence - 360 GPD

LOCATION OF SITE: 120 Starboard Ln Statesville NC 28677

DATE EVALUATED: 4/17/2024

PROPERTY SIZE: 0.62

PROPERTY RECORDED: Yes

Water supply setback: N/A

WATER SUPPLY: ☑ Public ☐ Single Family Well ☐ Shared Well ☐ Spring ☐ Other

EVALUATION METHOD: ☑ Auger Boring ☑ Pit ☐ Cut

TYPE OF WASTEWATER: ☑ Domestic ☐ High Strength ☐ IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPR CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR	.0502(d) SLOPE CORRECTION
1	L/9%	0-4	BCL WFSBK	FR SS SP	cSap fStones	57		N/A	S 0.3	0
		4-36	RBC WFSBK/ABK	FR SS SP						
		36-57	RBSCL WFSBK	FR SS						
2	L/13%	0-7	BSCL WFSBK	FR SS SP	fFe depl to 20" rock inclu fRock inclu	63		N/A	S 0.25 SHALL. 0.3 DEEP	0
		7-48	RBC WMABK/SBK	FR SS P						
		48-63	BRCL WFSBK	FR SS SP						
3	L/17%	0-13	BSCL WFSBK	FR SS SP	f-cStones	30		30"	S 0.1 DRIP	0
		13-30	RC WMSBK	FR SS SP						
		30	ROCK							
4	L/20%	0-8	BSCL WFSBK	FR SS SP	40% rock	47		N/A	S 0.25 HPPBPS	0
		8-47	BRC WMSBK/ABK	FR SS SP						
5	L/22%	0-12	BSCL WFSBK	FR SS SP		54		N/A	S 0.3	7.92"
		12-54	RBC WMSBK	FR SS P						
B1	L/12%	0-5	RBCL WFSBK	FR SS SP	fFe to 30" fsap	50	S	N/A	0.3 DEEP	
		5-36	BRC WMSBK	FR S P						
		36-50	BRCL WFSBK	FR SS SP						
B2	L/18%	0-2	RBCL WFSBK	FR SS SP	fWr fsap	34	S	N/A	34-0.275	
		2-30	BRC WMSBK	FR SS P						
		30-34	BRCL WFSBK	FR SS SP						
B3	L/23%	0-5	BSL GR	FR SS SP	fsap	50	S	N/A	0.3	8.26"
		5-11	RBCL WFSBK	FR SS SP						
		11-37	BRC WMSBK	FR SS P						
		37-50	RBCL WFSBK	FR SS SP						
B4	L/28%	0-5	BSL GR	FR SS SP	clitho poss chr2@38 fsap flitho chr2	50	S	N/A	38-0.275	
		5-12	BRCL WFSBK	FR SS SP						
		12-44	BRC WMSBK	FR SS P						
		44-50	BRCL WFSBK	FR SS SP						
B5	L/30%	0-12	RBSCL WFSBK	FR SS SP	fwr csap	50	S	N/A	0.3	10.8"
		12-47	BRC WMSBK	FR SS P						
		47-50	RBCL WFSBK	FR SS SP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.508)	Suitable	Suitable
System Types(s)	HPPBPS	Drip Irrigation
Site LTAR	0.3	0.1
Maximum Trench Depth	24"	6"

SITE CLASSIFICATION (.509): Suitable

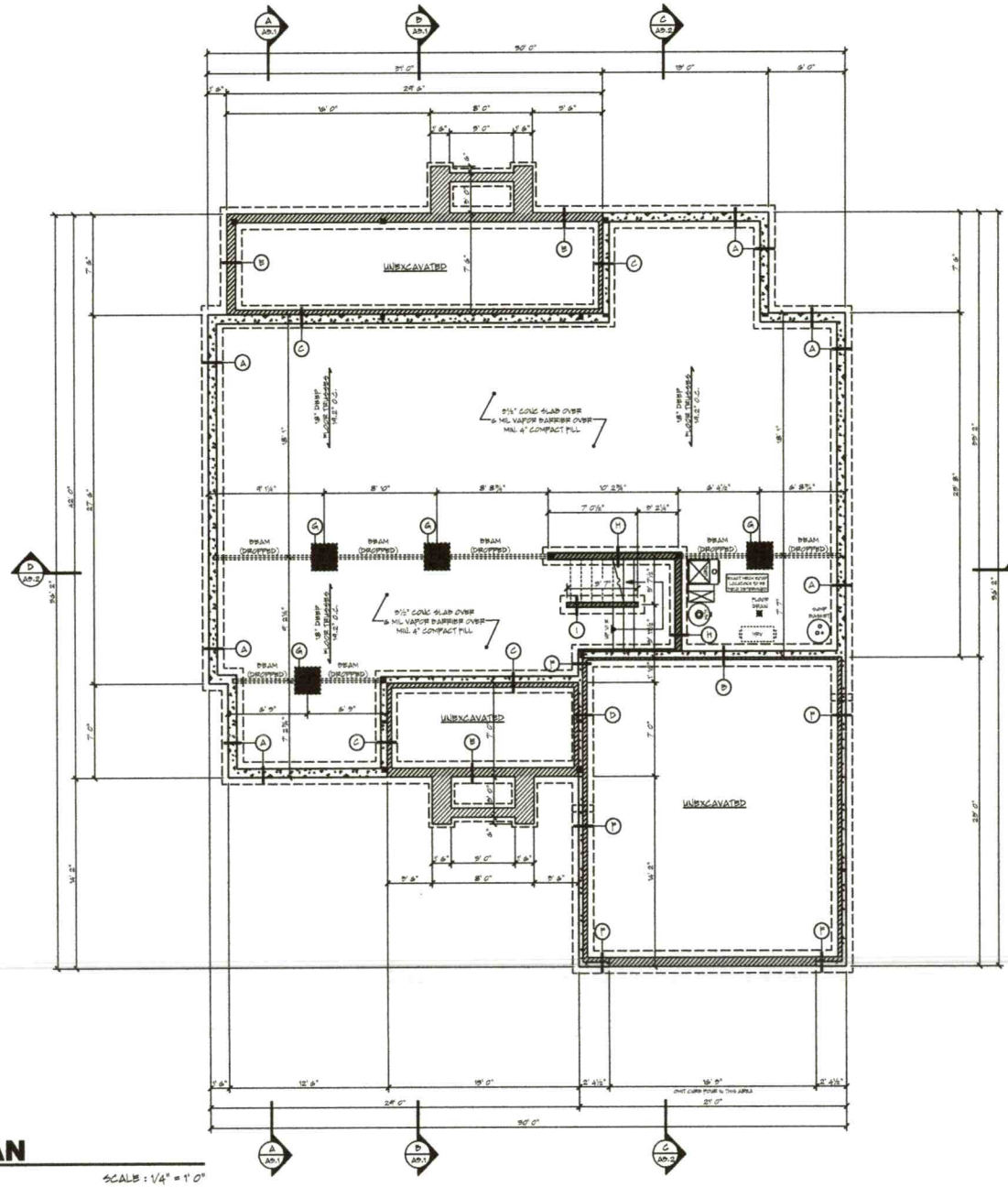
EVALUATED BY: Ashley Rollans

OTHER(S) PRESENT: Chad Wagner

COMMENTS:

LICENSED SOIL SCIENTIST SAMUEL A. ROLLANS 1231 STATE OF NORTH CAROLINA

Samuel A Rollans



FOUNDATION LEGEND

- (A) 8"W X 9' 0"H POURED ON 20" X 8" CONC FOOTING
- (B) 6"W X 8"H POURED ON 8"W X 4' 4"H POURED ON 20" X 8" CONC FOOTING - 2"W X 8"H EXT. LEDGE
- (C) 6"W X 8"H POURED ON 10"W X 4' 4"H POURED ON 20" X 8" CONC FOOTING - 4"W X 8"H EXT. LEDGE
- (D) 4"W X 8"H POURED ON 12"W X 4' 4"H POURED ON 20" X 8" CONC FOOTING - 4"W X 8"H EXT. LEDGE 4"W X 8"H INT. LEDGE
- (E) 8"W X 3' 4"H POURED ON 20" X 8" CONC FOOTING
- (F) 4"W X 8"H POURED ON 8"W X 3' 4"H POURED ON 20" X 8" CONC FOOTING - 4"W X 8"H INT. LEDGE
- (G) 9'-8 ADJUSTABLE STEEL COLUMN ON SPREAD FOOTING. SIZE AND REINFORCING BY OTHERS
- (H) 2X8 BEARING WALL ON 6"W X 4"H POURED CONC CURB ON 20" X 8" CONC FOOTING
- (I) 2X4 BEARING WALL ON 4"W X 4"H POURED CONC CURB ON 16" X 8" CONC FOOTING

GENERAL NOTES

- ALL WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALING OF DRAWING DIMENSIONS ARE FROM EXTERIOR FACE OF CONCRETE FOUNDATION WALLS AND CENTERLINE OF INTERIOR BEARING WALLS, POSTS AND BEAMS.
- FOUNDATION CONTRACTOR TO VERIFY ALL ROUGH-IN PLUMBING LOCATIONS AND ANY OTHER PENETRATIONS THRU CONCRETE FLOOR PRIOR TO CONSTRUCTION.
- BUILDER/FOUNDATION CONTRACTOR TO VERIFY FOOTING SIZE AND REINFORCEMENT REQUIREMENTS BASED ON EXISTING SOIL CONDITIONS PRIOR TO CONSTRUCTION.
- WHILE EVERY EFFORT HAS BEEN MADE TO INSURE THESE PLANS ARE ACCURATE AND COMPLETE, THE OWNER/BUILDER MUST VERIFY ALL DIMENSIONS, CONSTRUCTION METHODS, SITE CONDITIONS AND SPECIFICATIONS AND BE RESPONSIBLE FOR SAME.
- ANY NOTATIONS OF SIZES OF STRUCTURAL MEMBERS SUCH AS FOOTINGS, FOUNDATION SIZING, POSTS, BEAMS, JOISTS, RAFTERS, TRUSSES, ETC. THAT APPEAR ON THESE PLANS ARE FOR DESIGN REVIEW AND BIDDING PURPOSES ONLY. IT IS RECOMMENDED A PROFESSIONAL ENGINEER BE HIRED TO CALCULATE AND DESIGN ALL STRUCTURAL COMPONENTS INVOLVED IN THIS STRUCTURE.

WINDOWS

~~- MARVIN WINDOWS ALL WINDOW SIZES~~
~~- EGRESS AND SIZE AS NOTED~~
~~- WINDOWS TO BE LOCATED WITH IN MOST RECENT ADOPTED~~
~~- HIGH EFFICIENCY FURNACE SHALL BE INSTALLED~~
~~- BUILDER TO VERIFY WINDOW AND DOOR ROUGH OPENINGS~~
~~AND HEADER HEIGHTS.~~

FLOOR SYSTEM

- ENGINEERED WOOD FLOOR TRUSSES
  - DESIGNED TO MIN. L/480 DEFLECTION OR LESS
- TRUSS MANUFACTURER TO PROVIDE CHASES FOR ALL SUPPLY AND RETURN DUCTWORK
- TRUSS MANUFACTURER TO VERIFY FRAMING AT CANTILEVERED FOR POINT LOADS FROM ABOVE
- TRUSS MANUFACTURER TO VERIFY LOCATIONS OF ANY CONCENTRATED LOADS, SUCH AS GRANITE COUNTERTOPS, AND PROVIDE PROPER FRAMING AS NEEDED

FRAMING

- 4' 10" LOWER LEVEL ROUGH CEILING HEIGHT (U.N.O.)
- ~~ENGINEER OF RECORD TO APPROVE~~
- ~~DOUBLE STUDS AT HEADERS AND BEAM POCKETS~~
- PROVIDE SOLID BLOCKING AT ALL POINT LOADS

■ - INDICATES BEARING POINT LOAD
- PROVIDE CONTINUOUS SOLID BLOCKING TO FOUNDATION BELOW - VERIFY LOADS W/ LOCAL STRUCTURAL ENGINEER

+++ STRUCTURAL NOTICE +++

ALL STRUCTURAL BEAM AND HEADER SIZES, BEARING CONDITIONS AND ANCHORING REQUIREMENTS MUST BE REVIEWED BY A STRUCTURAL ENGINEER BASED ON EXISTING SITE CONDITIONS. OWNER/BUILDER TO ASSUME ALL RESPONSIBILITY FOR BUILT STRUCTURE.

FOUNDATION PLAN

1 A2.1

SCALE : 1/4" = 1' 0"

100% SCALE @ 36"X24"

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CL-19-001
MOSSY PINE FARM
CRAWL SPACE - 2x4 EXTERIOR
2 CAR FRONT - STANDARD

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Original Draft Date: 01/02/2019

Document Date: 5/19/2025

Document Phase:

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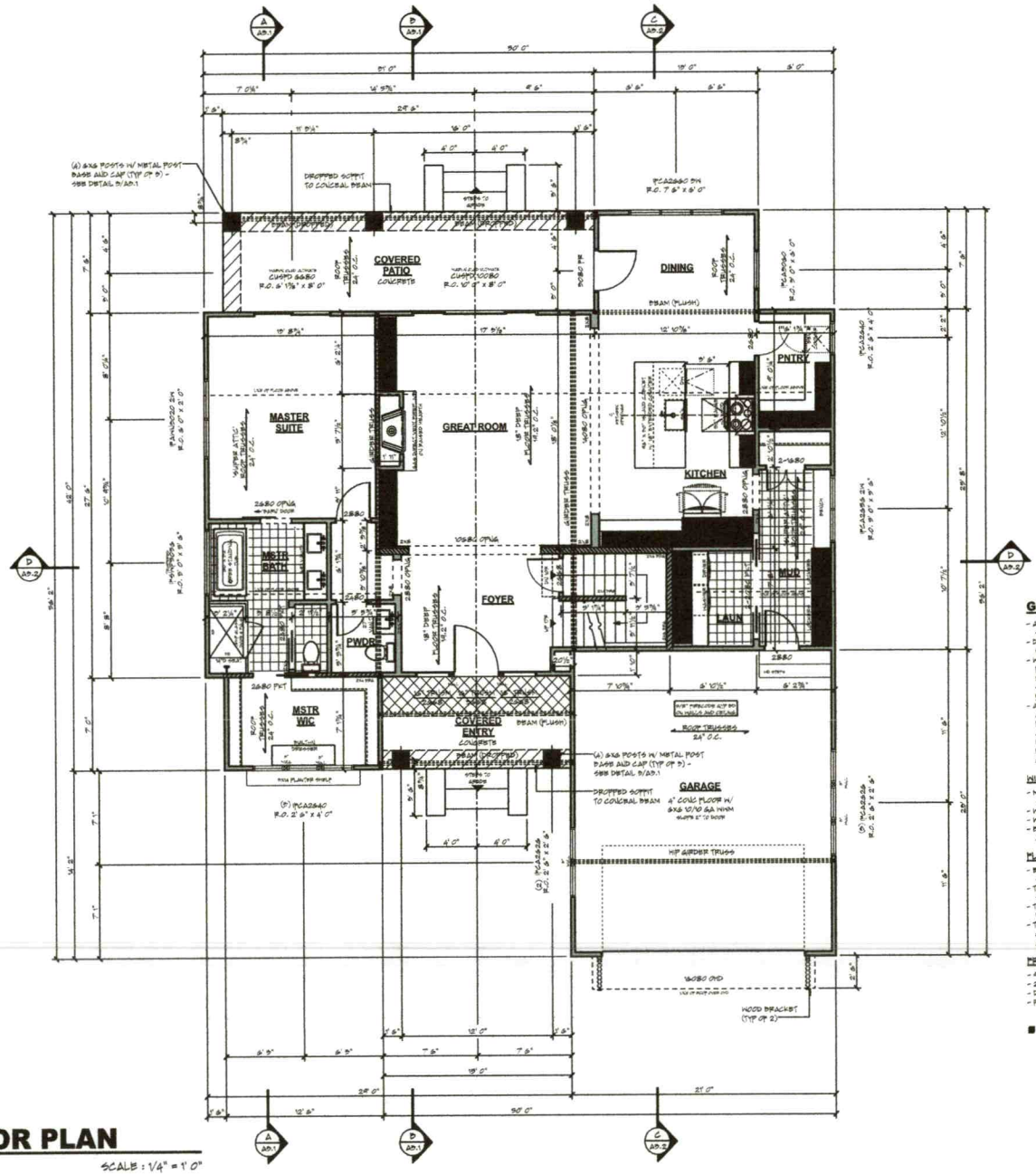
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FOUNDATION PLAN

3 **A2.1** 9

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MAIN LEVEL FLOOR PLAN

SCALE : 1/4" = 1' 0"

AREA TABULATION	
CRAWLSPACE	1922 SF
MAIN LEVEL	1922 SF
UPPER LEVEL	451 SF
TOTAL FINISHED	2499 SF
GARAGE	489 SF
COVERED ENTRY	109 SF
COVERED PATIO	224 SF

FLOOR AREAS ARE CALCULATED FROM THE OUTSIDE OF FOUNDATION WALLS AND/OR OUTSIDE FACE OF EXTERIOR STUD AT FRAMED WALLS.

STAIRS ARE INCLUDED IN CALCULATIONS AT ALL LEVELS.

GENERAL NOTES

- ALL WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALING OF DRAWINGS
- DIMENSIONS ARE FROM EXTERIOR FACE OF EXTERIOR STUD WALLS AND CENTERLINE OF INTERIOR PARTITIONS
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WINDOWS

- MARVIN INTEGRITY ALL ULTREX SERIES
  - STYLE AND SIZE AS NOTED
- WINDOWS DESIGNATED WITH 'R' MEET EGRESS CODES
- WINDOW HEADER HEIGHTS SET TO 7' 11-7/8" (U.N.O.)
- BUILDER TO VERIFY WINDOW AND DOOR ROUGH OPENINGS AND HEADER HEIGHTS

FLOOR SYSTEM

- ENGINEERED WOOD FLOOR TRUSSES
  - DESIGNED TO MIL L/480 DEFLECTION OR LESS
- TRUSS MANUFACTURER TO PROVIDE CHASES FOR ALL SUPPLY AND RETURN DUCTWORK
- TRUSS MANUFACTURER TO VERIFY FRAMING AT CANTILEVERS FOR POINT LOADS FROM ABOVE
- TRUSS MANUFACTURER TO VERIFY LOCATIONS OF ANY CONCENTRATED LOADS, SUCH AS GRANITE COUNTERTOPS, AND PROVIDE PROPER FRAMING AS NEEDED

FRAMING

- 9' 1-1/8" PLATE HEIGHT (U.N.O.)
- 2X6 WALLS AT ALL POCKET DOORS
- DOUBLE STUDS AT WINDOWS AND DOOR HEADERS
- PROVIDE SOLID BLOCKING AT ALL POINT LOADS

■ - INDICATES BEARING POINT LOAD
- PROVIDE CONTINUOUS SOLID BLOCKING TO FOUNDATION BELOW - VERIFY LOADS W/ LOCAL STRUCTURAL ENGINEER

+++ STRUCTURAL NOTICE +++

ALL STRUCTURAL BEAM AND HEADER SIZES, BEARING CONDITIONS AND ANCHORING REQUIREMENTS MUST BE REVIEWED BY A STRUCTURAL ENGINEER BASED ON EXISTING SITE CONDITIONS. OWNER/BUILDER TO ASSUME ALL RESPONSIBILITY FOR ENTIRE STRUCTURE.

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CL-19-001
MOSSY PINE FARM
CRAWL SPACE - 2x4 EXTERIOR
2 CAR FRONT - STANDARD

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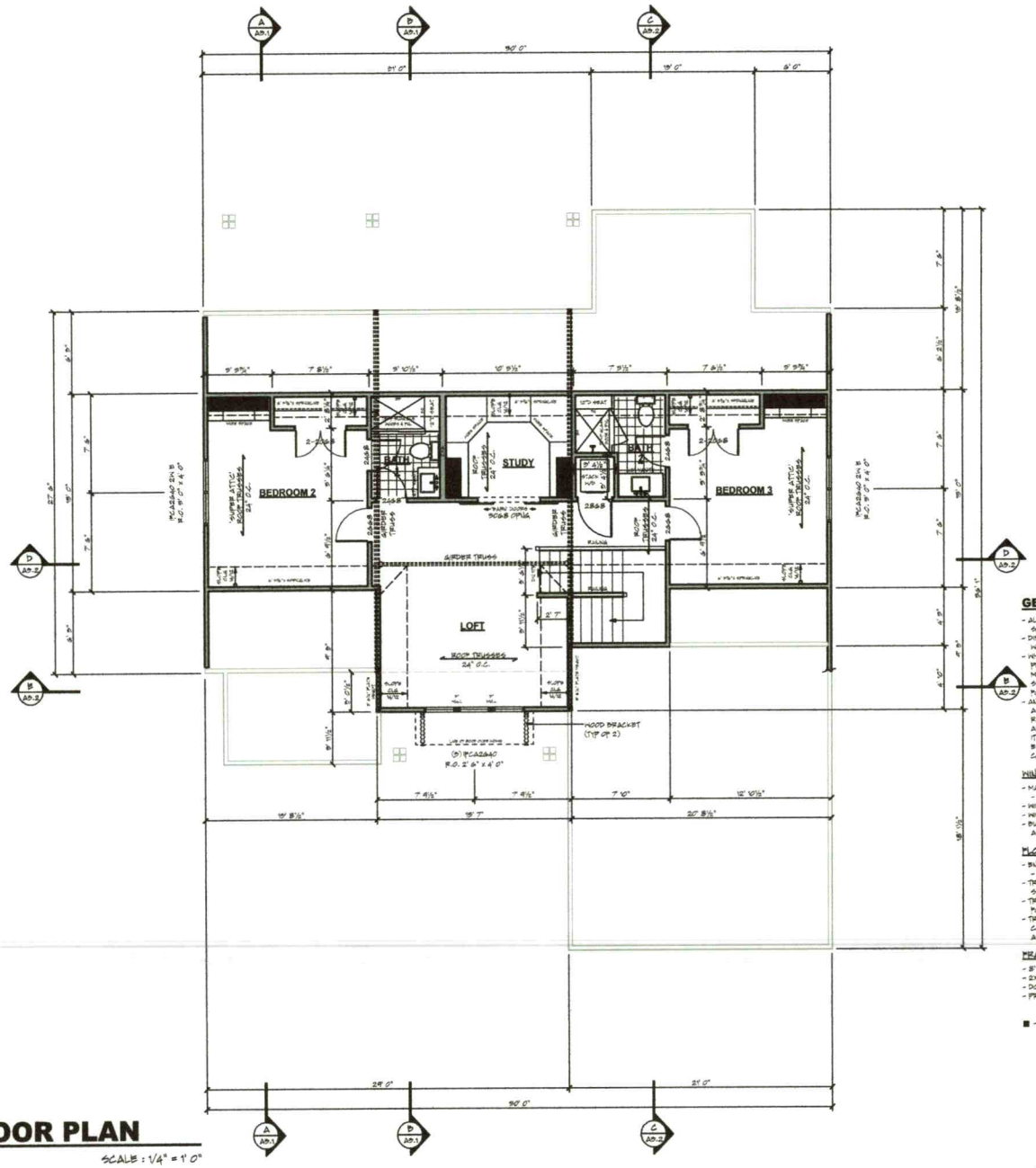
MAIN LEVEL FLOOR PLAN

A2.2

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100% SCALE @ 36"x24"



AREA TABULATION

CRAWLSPACE	1922 SF
MAIN LEVEL	1922 SF
UPPER LEVEL	491 SF
TOTAL FINISHED	2413 SF
GARAGE	480 SF
COVERED ENTRY	109 SF
COVERED PATIO	221 SF

FLOOR AREAS ARE CALCULATED FROM THE OUTSIDE OF FOUNDATION WALLS AND/OR OUTSIDE FACE OF EXTERIOR STUD AT FRAMED WALLS.

STAIRS ARE INCLUDED IN CALCULATIONS AT ALL LEVELS.

GENERAL NOTES

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- WHILE EVERY EFFORT HAS BEEN MADE TO ENSURE THESE PLANS ARE ACCURATE AND CONFLICTS, THE OWNER/BUILDER MUST VERIFY ALL DIMENSIONS, CONSTRUCTION METHODS, SITE CONDITIONS AND SPECIFICATIONS AND BE RESPONSIBLE FOR SAME.
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WINDOWS

- MARVIN INTEGRITY ALL ULTREX SERIES
  - STYLE AND SIZE AS NOTED
- WINDOWS DESIGNATED WITH 'E' MEET EGRESS CODES
- WINDOW HEADER HEIGHTS SET TO 6'-10 3/8" (U.N.O.)
- BUILDER TO VERIFY WINDOW AND DOOR ROUGH OPENINGS AND HEADER HEIGHTS

FLOOR SYSTEM

- ENGINEERED WOOD FLOOR TRUSSES
  - DESIGNED TO MIN. L/480 DEFLECTION OR LESS
- TRUSS MANUFACTURER TO PROVIDE CHASES FOR ALL SUPPLY AND RETURN DUCTWORK
- TRUSS MANUFACTURER TO VERIFY FRAMING AT CANTILEVERS FOR POINT LOADS FROM ABOVE
- TRUSS MANUFACTURER TO VERIFY LOCATIONS OF ANY CONCENTRATED LOADS, SUCH AS GRANITE COUNTERTOPS, AND PROVIDE PROPER FRAMING AS NEEDED

FRAMING

- 8'-1 1/8" ROUGH CEILING HEIGHT (U.N.O.)
- 2X6 WALLS AT ALL POCKET DOORS
- DOUBLE STUDS AT WINDOWS AND DOOR HEADERS
- PROVIDE SOLID BLOCKING AT ALL POINT LOADS

■ - INDICATES BEARING POINT LOAD
- PROVIDE CONTINUOUS SOLID BLOCKING TO FOUNDATION BELOW - VERIFY LOADS W/ LOCAL STRUCTURAL ENGINEER

+++ STRUCTURAL NOTICE +++

ALL STRUCTURAL BEAM AND HEADER SIZES, BEARING CONDITIONS AND ANCHORAGE REQUIREMENTS MUST BE REVIEWED BY A STRUCTURAL ENGINEER BASED ON EXISTING SITE CONDITIONS. OWNER/BUILDER TO ASSUME ALL RESPONSIBILITY FOR BUILT-IN STRUCTURE.

1 A2.3 UPPER LEVEL FLOOR PLAN

SCALE : 1/4" = 1'-0"

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MOSSY PINE FARM
CRAWL SPACE - 2x4 EXTERIOR
2 CAR FRONT - STANDARD

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UPPER LEVEL FLOOR PLAN

5 **A2.3** 9

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100% SCALE @ 36"x24"

0' 2' 4' 8' 16'