

Application for Service  
Site Evaluation - Improvement Permit, Construction Authorization

Applicant/Owner Information

Owner RRT DEVELOPMENT LLC

Phone (919)880-0058

DENNISPEACOCK@CA  
ROLINACOMFORTAIR.  
COM

Address 83 TUSKEEGEE DR  
SMITHFIELD,NC 27577

Property Information

Parcel ID 04N14031

Subdivision LUCAS PARK 49

Zoning (COUNTY) AGRI. & RES. Acreage 0.7

Location SR 2543

Project Information

LandUse # 213703 Land Use Date 11/26/2024

Facility Type NEW SEPTIC SYSTEM Bedrooms 4 DDSF 480  
LHD

Requested Septic Type TRENCH Water Type JOCO PUBLIC Drawing Type SITE PLAN SUBMITTED  
UTILITIES

Environmentalist Phone

Type of Service Requested

\*Fees are to be enclosed with completed application prior to obtaining a permit or service requested. Forward checks only if mail service is used.

Type of Service	Amount	Paid How	Date
LHD NEW SEPTIC	\$475.00	CHECK NUM 2548	2/1/2024
EFFLUENT PUMP FEE	\$50.00	MASTERCARD	11/26/2024
<b>Total Paid:</b>	<b>\$525.00</b>		

HANNAH MCGRATH 11/26/2024

Kim Jones 11/26/2024

HANNAH MCGRATH Owner/Agent/Legal  
Representative

Issued By & Fees Paid To

Owner Statement:

I certify that have read and examined this application and know the same to be true and correct. All provisions of laws and ordinances covering this type work will be complied with whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction. The owner /applicant will notify the Health Dept if this property contains designated wetlands of if the nature of the waterwater changes.

By affixing my signature to this application, I grant permission to perform the above requested services and certify that I fully acknowledge and understand that this application is merely an application for service and does not authorize installation or construction activity to begin until the completed application has been evaluated and approved by issuance of an appropriate permit signed by a duly authorized county official. Any site preparation or excavation or other installation of construction activity thta I might do prior to the approval and issuance of a valid and appropriate permit (or any other time without a lowfully issued permit) shall be at my own risk and any excavation, building, structure or other improvements not in compliance with all applicable county policies, or laws may be cause to be removed, revised or otherwise brought in to conformity at my own expense or cause the permit to be revoked.



# JOHNSTON COUNTY ENVIRONMENTAL HEALTH DEPARTMENT

309 East Market Street, Smithfield, NC 27577  
Phone: 919-989-5180 Fax: 919-989-5190  
[www.johnstonnc.com/envhealth](http://www.johnstonnc.com/envhealth)

## IMPROVEMENT PERMIT

Application #: 203968

Parcel #: 04N14031

Name: RRT Develop

Address: 89 Tuskegee Dr City, State, Zip : Smithfield, NC 27577

Subdivision (if applicable): Lucas Place Lot #: 49 Property Size: \_\_\_\_\_ Acre(s)

New  Expansion  Repair  System Relocation  Change of Use

Facility Type: Residential-SFD Number of Bedrooms: 4 Maximum # of Occupants: 8

Design Wastewater Strength:  Domestic  High Strength  Industrial Process Wastewater

Proposed Design Daily Flow: 480 GPD Proposed LTAR (Initial) 0.5 Proposed LTAR-Repair Area: 0.5

Proposed Wastewater System (Initial): Accepted Classification Type: III b g Pump Required:  Yes  No

Proposed Wastewater System (Repair): Accepted Classification Type: III b g Pump Required:  Yes  No

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

Saprolite System (Initial):  Yes  No Saprolite System (Repair):  Yes  No

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

Depth to LC (Initial)<sup>x</sup>: 48 inches Depth to LC (Repair)<sup>x</sup>: 48 inches <sup>x</sup> **Limiting Condition**

Max. Trench Depth (Initial)<sup>†</sup>: 18-20 inches Max. Trench Depth (Repair)<sup>†</sup>: 18-20 inches <sup>†</sup> **Measured on the downhill side of the trench**

Artificial Drainage Required:  Yes  No If yes, please specify details: \_\_\_\_\_

Type of Water Supply:  Public Supply  Private Well  Community Well  Shared Well  Spring  Other: \_\_\_\_\_

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

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

Permit conditions:  
-Do not cut, fill, or alter drain field or repair area -Comply with setbacks -Permit, Design, Layout and installation does not guarantee functionality -Contact Johnston County Environmental Health prior to or during installation with any questions -NOT TO SCALE

Authorized Agent's Printed Name: C. Eric Bass *EB*

Issuance Date: 2/29/2024

Authorized Agent's Signature: C. Eric Bass Digitally signed by C. Eric Bass Date: 2024.02.28 12:29:02 -05'00'

Expiration Date: 2/29/2029

The issuance of this Improvement Permit (IP) in no way guarantees the issuance of other permits, approvals, or requirements by other local units of government, state or federal agencies (ie: building and/or zoning permits, mandatory sewer connections, etc.) Use of the site may be subject to all applicable development regulations/ordnances/rules/laws. This IP is subject to revocation and/or suspension if the site plan, plat, the intended use changes, or any unauthorized site disturbance, filling, soil removal or layout changes. The IP shall not be affected by a change of ownership of the site. This IP is subject to compliance with the provisions of 15A NCAC 18E and to the any conditions of this permit. The IP is valid for 5 years from the date of issuance unless otherwise indicated.

Nov 26 2024

Signature of Owner/Legal Representative: HANNAH MCGRATH Date: \_\_\_\_\_

\*See attached site sketch\*

IMPROVEMENT PERMIT  
SITE SKETCH

Application #: 203968

Name: RRT Develop

Address: 83 Tuskegee Dr

City, State & Zip: Smithfield, NC 27877

Subdivision (if applicable): Lucas Place

Lot #: 49

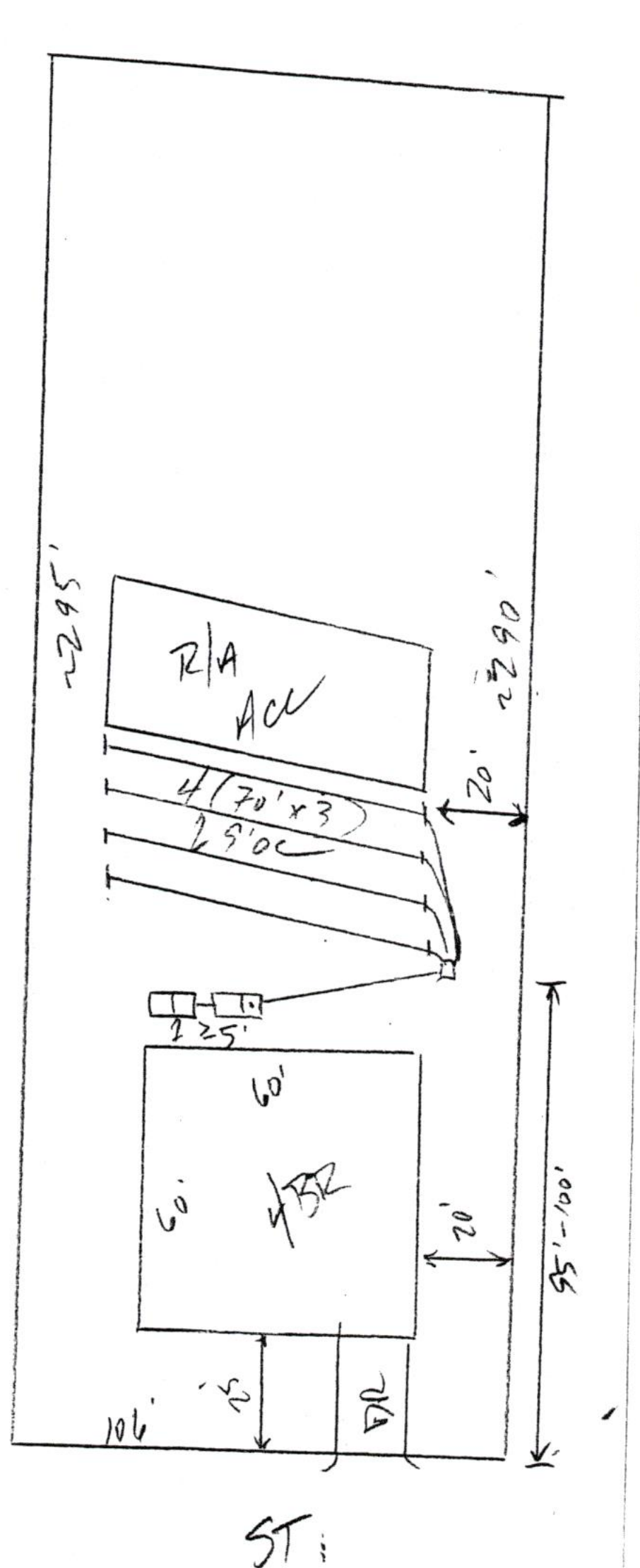
Property Size: \_\_\_\_\_ Acre(s)

Authorized Agent's Printed Name: C. Eric Bass

Date: 2/29/2024

System components represent approximate location of septic system and repair area. The contractor must flag the system prior to beginning the installation to ensure that the proper grade is maintained.

Scale: N/A





# JOHNSTON COUNTY ENVIRONMENTAL HEALTH DEPARTMENT

309 East Market Street, Smithfield, NC 27577  
Phone: 919-989-5180 Fax: 919-989-5190  
[www.johnstonnc.com/envhealth](http://www.johnstonnc.com/envhealth)

## CONSTRUCTION AUTHORIZATION

Application #: 203968

Parcel #: 04N14031

Name: RRT Develop

Address: 93 Tuskegee Dr City, State & Zip: Smithfield, NC 27577

Subdivision (if applicable): Lucas Place Lot #: 49 Property Size: \_\_\_\_\_ Acre(s)

New  Expansion  Repair  System Relocation  Change of Use

Facility Type: Residential-SFD Number of bedrooms: 4 Maximum # of Occupants: 8

Basement:  Yes  No Basement Fixtures:  Yes  No Crawl Space:  Yes  No Slab Foundation:  Yes  No

Type of Wastewater System\* Accepted (Initial) System Classification: III b g

Accepted (Repair) System Classification: III b g

Design Daily Flow: 480 GPD Wastewater Strength:  Domestic  High Strength  Industrial Process Wastewater

Rule .0403(e) Engineering Design Utilizing Low-flow Fixtures and Low-flow Technologies (S.L. 2013-413 and 2014-120)?  Yes  No

(if yes, please provide engineering documentation)

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

Type of Water Supply:  Public Supply  Private Well  Community Well  Shared Well  Spring  Other: \_\_\_\_\_

### Installation Requirements/Conditions:

Septic Tank Size: 1000 gallons Grease Trap Size (if applicable): NIA gallons LTAR: 0.5 gpd/ft<sup>2</sup>

# of Lines: 4 Length: 70 Trench Area: 840 ft<sup>2</sup>

Trench Width: 36 inches Trench Spacing Minimum: 9 ft on center Additional Soil Cover: 8-10 inches

Slope Corrected Maximum Trench Depth‡: 18-20 inches ‡Measures on the downhill side of the trench

Pump Tank Size (if applicable): N/A gallons Requires more than one pump?  Yes  No

Pump Requirements: 8 ft. TDH vs. 21.9 gpm Pressure Head: N/A Drawdown: 6.25 inches

Distribution Method:  Serial  D-Box or Parallel  Pressure Manifold(s)  LPP  Other: \_\_\_\_\_

Artificial Drainage Required:  Yes  No 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 [Rule .0204(g)]:  Yes  No Pre-Construction Conference Required:  Yes  No

Easement, Right-of-Way, or Encroachment Agreement Required [Rule .0204(d)]:  Yes  No

Management Entity Required:  Yes  No Minimum O&M Requirements: \_\_\_\_\_

### Permit Conditions:

-Contact Johnston County Environmental Health prior to or during installation with any questions -NOT TO SCALE -Do not cut, fill, or alter drain field or repair area -Comply with setbacks -Permit, Design, Layout and installation does not guarantee functionality

Authorized Agent's Printed Name: [Signature] Issuance Date: 11/26/29

Authorized Agent's Signature: [Signature] Expiration Date: 11/26/29

The issuance of this Construction Authorization (CA) in no way guarantees the issuance of other permits, approvals, or requirements by other local units of government, state, federal (ie: building and or zoning permits, mandatory sewer connections, etc.) Use of the site may be subject to all applicable development regulations/ordinances/rule/law. The requirements of 15A NCAC 18E are incorporated by reference into this CA and shall be met. This CA 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. This CA is subject to revocation and/or suspension, if the site plan, plat, intends use changes, or any unauthorized site disturbance, filling, soil removal, or layout changes. The CA is not affected by a change in ownership of the site and is valid for 5 years from the date of Improvement Permit issuance, unless otherwise indicated. Systems shall be installed in accordance with the attached site sketch.

**HANNAH MCGRATH**

Nov 26 2024

Signature of Owner/Legal Representative: \_\_\_\_\_ Date: \_\_\_\_\_

\*See attached site sketch\*

## CONSTRUCTION AUTHORIZATION SITE SKETCH

Application #: 203968

Pre-Construction Conference Required:  Yes  No

Name: RRT Develop

Address: 83 Tuskegee Dr City, State, Zip: Smithfield, NC 27577

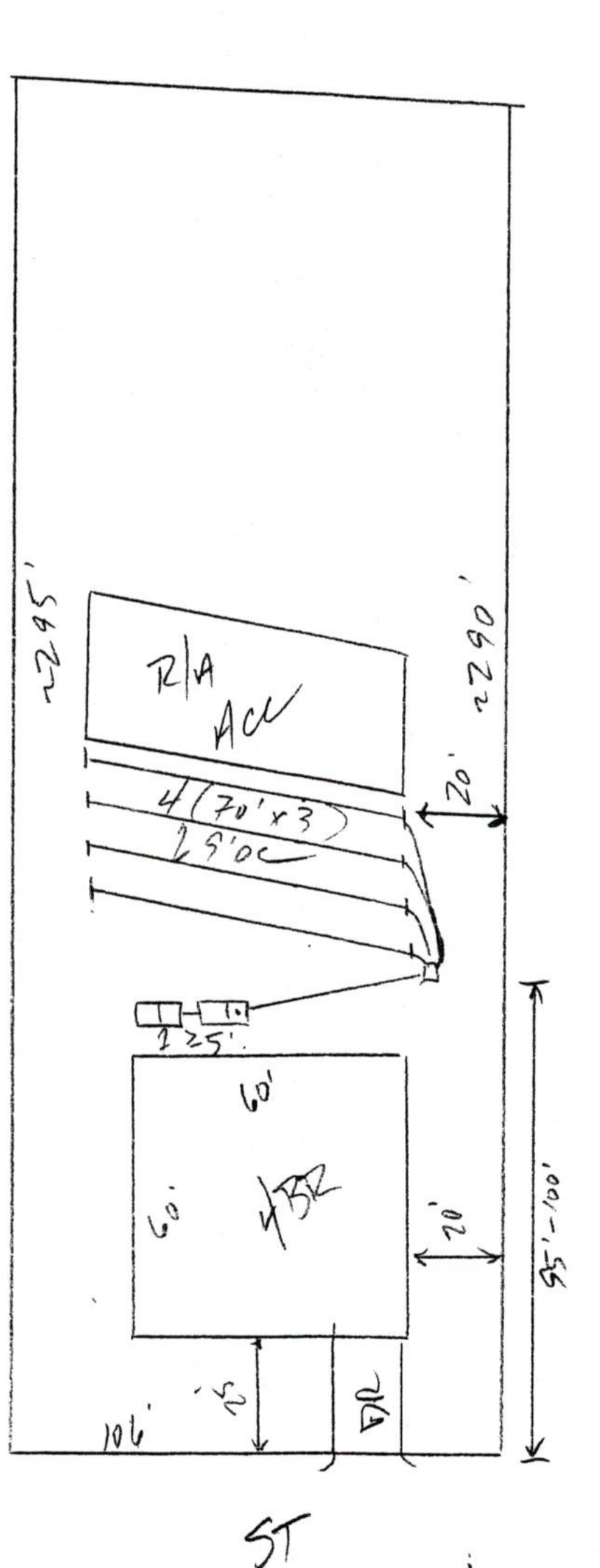
Subdivision (if applicable): Lucas Place Lot #: 49 Property Size: \_\_\_\_\_ Acre(s)

Authorized Agent's Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_

System components represent approximate location of septic system and repair area. The contractor must flag the system prior to beginning the installation to ensure that the proper grade is maintained.

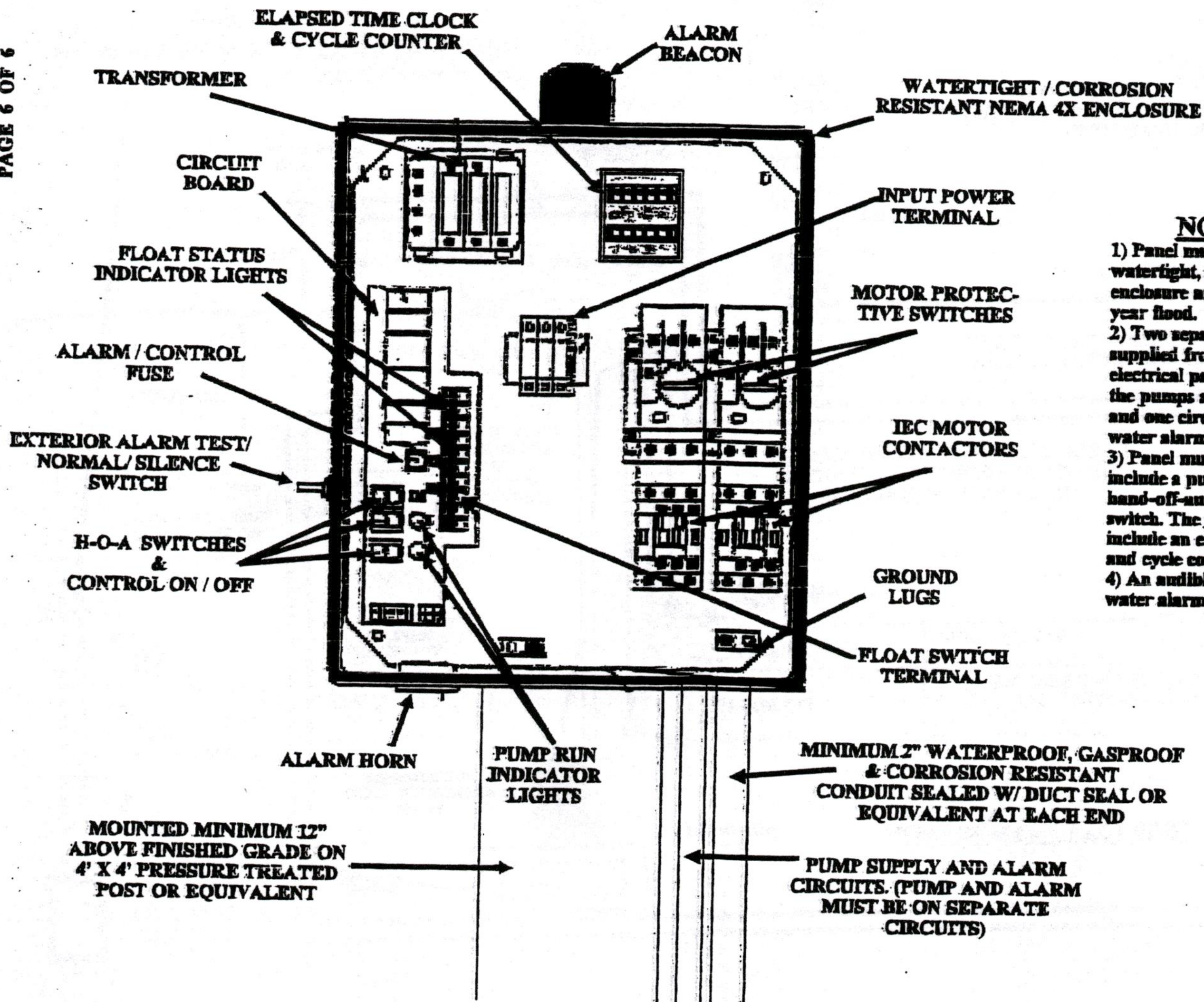
Scale: N/A

Slope Corrected Maximum Trench Depth: 18-20 inches ‡Measures on the downhill side of the trench



# CONTROL PANEL DETAIL

(NOT A WIRING DIAGRAM! CONSULT AN ELECTRICIAN)



### NOTES:

- 1) Panel must be in a NEMA 4X, watertight, corrosion resistant enclosure and located above 100-year flood.
- 2) Two separate circuits must be supplied from the main house electrical panel—one circuit for the pumps and pump controls and one circuit for the high-water alarm.
- 3) Panel must be U.L. listed and include a pump run light and hand-off-automatic (H-O-A) switch. The panel should also include an elapsed time clock and cycle counter.
- 4) An audible and visible high-water alarm shall be provided.

## Document Details

<b>Title</b>	# 203968
<b>File Name</b>	203968.pdf
<b>Document ID</b>	05275626d25541d8941011d7fb570768
<b>Fingerprint</b>	aebad431447eae49956aa7bbf122e2a
<b>Status</b>	<span>Completed</span>

## Document History

<b>Document Created</b>	Document Created by Kimberly Jones (kimberly.jones@johnstonnc.com) Fingerprint: cc389fa0eb46962a3c33bc9cdf4a751b	Nov 26 2024 12:29PM America/New_York
<b>Document Sent</b>	Document Sent to HANNAH MCGRATH (PERMITTING@BENSTOUTCONSTRUCTION.COM)	Nov 26 2024 12:29PM America/New_York
<b>Document Viewed</b>	Document Viewed by HANNAH MCGRATH (PERMITTING@BENSTOUTCONSTRUCTION.COM) IP: 173.95.100.6	Nov 26 2024 02:18PM America/New_York
<b>Document Signed</b>	Document Signed by HANNAH MCGRATH (PERMITTING@BENSTOUTCONSTRUCTION.COM) IP: 173.95.100.6  <b>HANNAH MCGRATH</b>	Nov 26 2024 02:18PM America/New_York
<b>Document Completed</b>	This document has been completed. Fingerprint: aebad431447eae49956aa7bbf122e2a	Nov 26 2024 02:18PM America/New_York