

**Application for Service
Site Evaluation - Improvement Permit, Construction Authorization**

Applicant/Owner Information

Owner RRT DEVELOPMENT

Phone (919)880-0058

DENNISPEACOCK@CA
ROLINACOMFORTAIR.
COM

Address 108 TUSKEEGEE DR
SMITHFIELD, NC 27577

Property Information

Parcel ID 04N140300

Subdivision LUCAS PARK 37

Zoning (COUNTY) AGRI. & RES. **Acreage** 0.69

Location

Project Information

LandUse # 213690 **Land Use Date** 11/26/2024

Facility Type NEW SEPTIC SYSTEM **Bedrooms** 4 **DDSF** 480
LHD

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

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
Total Paid:	\$525.00		

HANNAH MCGRATH 11/26/2024
HANNAH MCGRATH Owner/Agent/Legal Representative

Kim Jones 11/26/2024
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

IMPROVEMENT PERMIT

Application #: 203943

Parcel #: 04N140300

Name: RRT Development LLC

Address: 108 Tuskegee Dr City, State, Zip : Smithfield, NC 27577

Subdivision (if applicable): Lucas Park Lot #: 37 Property Size: .69 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) 0.6 Proposed LTAR-Repair Area: 0.3

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

Proposed Wastewater System (Repair): Accepted Classification Type: III b 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)*: 38 inches Depth to LC (Repair)*: 34 inches * **Limiting Condition**

Max. Trench Depth (Initial)*: 18-20 inches Max. Trench Depth (Repair)*: 18-20 inches # **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:
-If gravity can be achieved, pump may be omitted
-Used three D-Boxes to evenly distribute wastewater as shown on drawing.

AW Authorized Agent's Printed Name: Alan Farrior Issuance Date: 08/30/2024

Authorized Agent's Signature: Alan Farrior Expiration Date: 08/30/2029

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 #: 203943

Name: RRT Development LLC

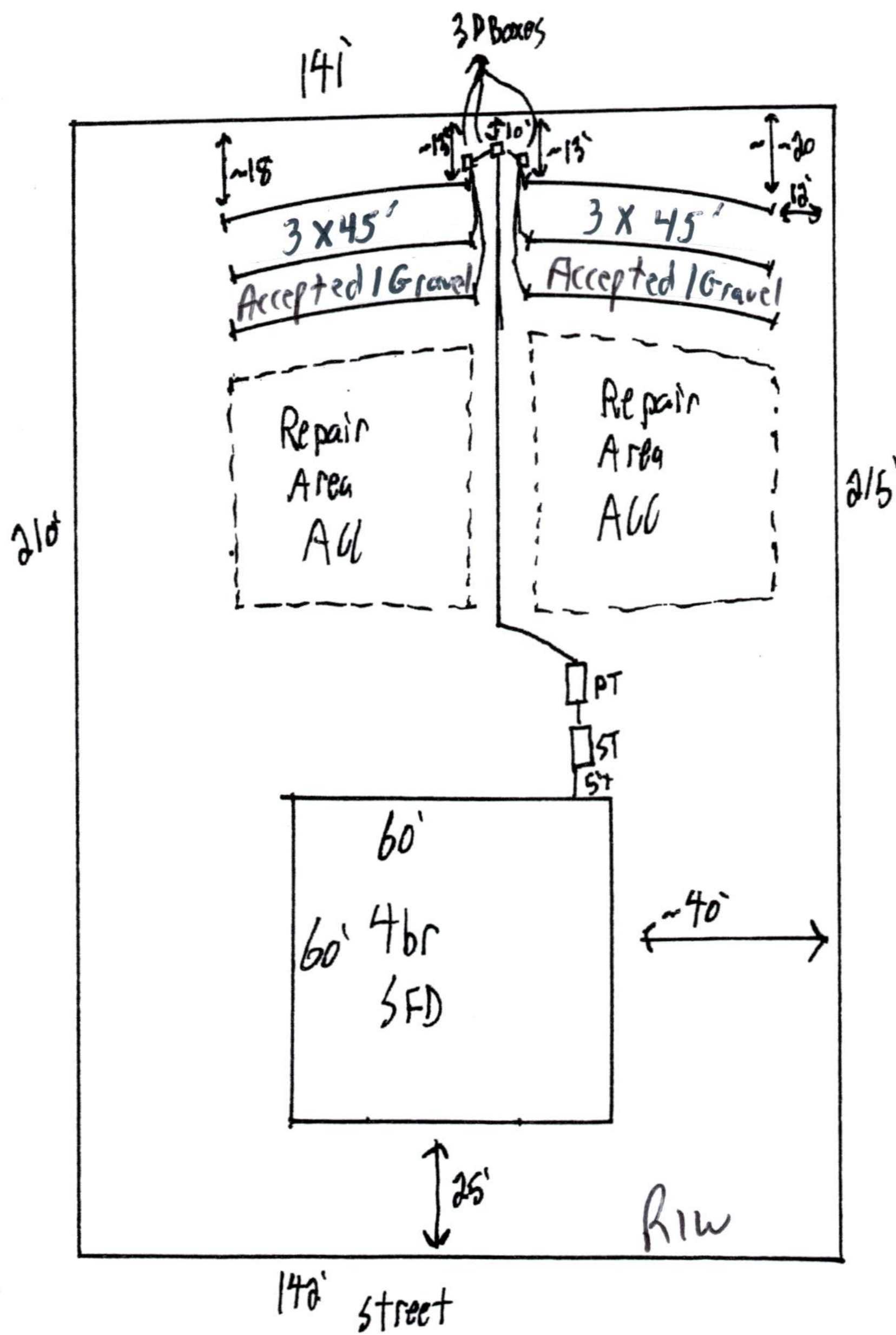
Address: 1081 us Koegele Dr City, State & Zip: Smithfield, NC 27577

Subdivision (if applicable): Lucas Park Lot #: 37 Property Size: .69 Acre(s)

Authorized Agent's Printed Name: Alan Farris Date: 08/30/2024

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: 1in=40ft





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CONSTRUCTION AUTHORIZATION

Application #: 203943

Parcel #: 04N140300

Name: RRT Development LLC

Address: 108 Tuskegee Dr City, State & Zip: Smithfield, NC 27577

Subdivision (if applicable): Lucas Park Lot #: 37 Property Size: .69 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* Gravel/Accepted (Initial) System Classification: III b
Accepted (Repair) System Classification: III b

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): N/A gallons LTAR: 0.6 gpd/ft²

of Lines: 6 Length: 45' Trench Area: 810 ft²

Trench Width: 36 inches Trench Spacing Minimum: 9 ft on center Additional Soil Cover: N/A inches

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

Pump Tank Size (if applicable): 1000 gallons Requires more than one pump? Yes No

Pump Requirements: 13 ft. TDH vs. 21 gpm Pressure Head: N/A Drawdown: 6.5 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:

- If gravity can be achieved, pump may be omitted.
- Used three D-Boxes to evenly distribute wastewater as shown on drawing.

Authorized Agent's Printed Name: Alan Farris Issuance Date: 11/26/2024
Authorized Agent's Signature: Alan Farris Expiration Date: 11/26/2029

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 conditons of this permit. This CA is subject to revocation and/or suspension, if the site plan, plat, intendes 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 #: 203943

Pre-Construction Conference Required: Yes No

Name: RRT Development LLC

Address: 108 Tuskegee Dr City, State, Zip: Smithfield, NC 27577

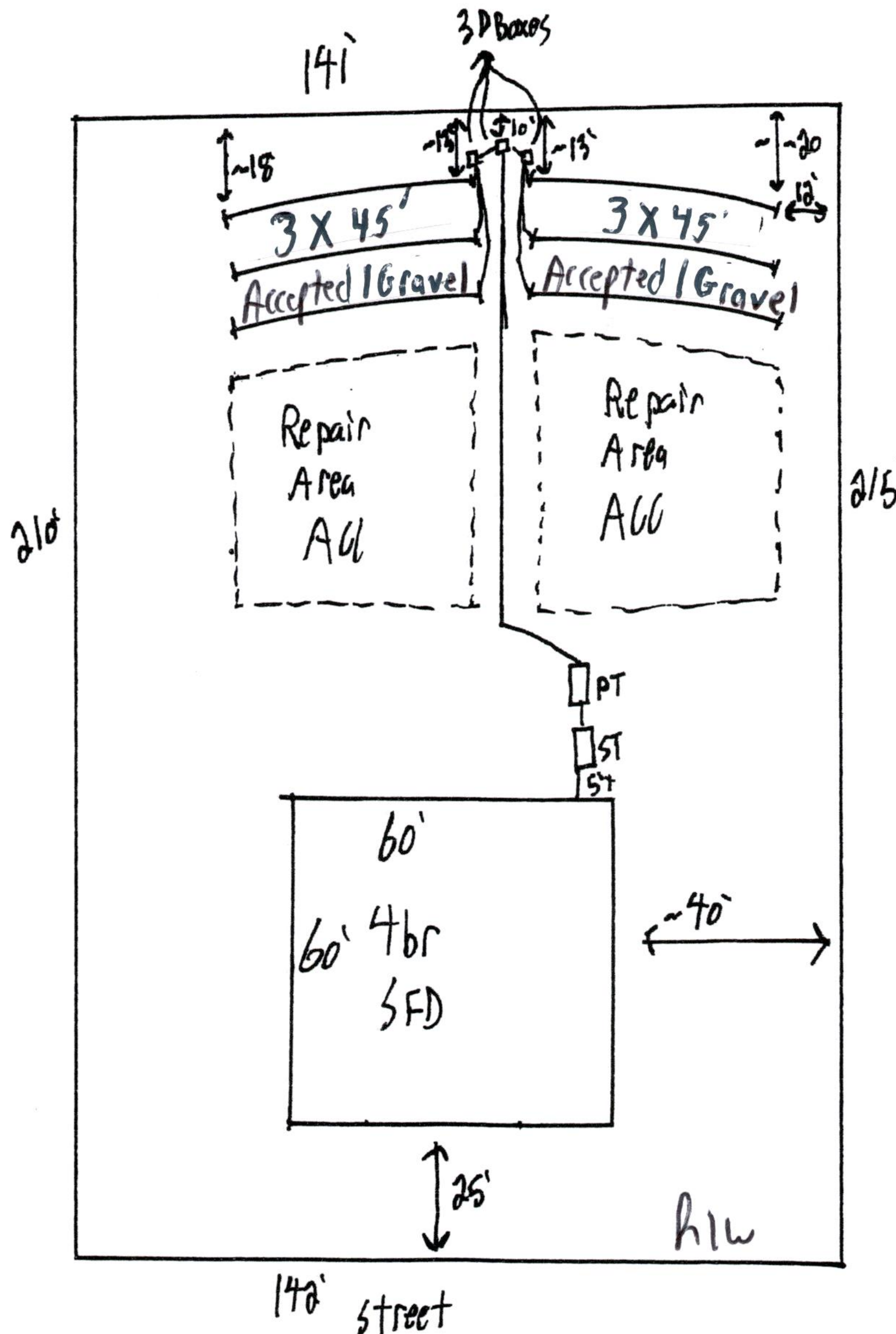
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Authorized Agent's Printed Name: Alan Farior Date: _____

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: 1in=40ft

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



PUMP SYSTEM DETAIL SHEET

PUMP RATING:
PUMP MUST BE RATED TO DELIVER
GALLONS PER MINUTE AGAINST FEET OF
TOTAL DYNAMIC HEAD (TDH).

* Stainless Steel Clamps shall be used to support the wiring when using a float tree. Plastic wire ties are not approved.

