BLDR-2023-28182

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2023-26284

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

PIN # 4719-36-5846

PPLICANT / OWNER: Stillwell Farm LLC APPLICANT ADDRESS: 555 Pisgah Ridge Circle Hiddenite, North Carolina 28636

ITE ADDRESS: 555 PISGAH RIDGE CIR, HIDDENITE, NC 28636 PHONE: ALT. PHONE:

ITE DIRECTIONS: Hwy 115 to Pisgah Church to Pisgah Ridge Circle SAP CONTROLLED: YES ☐ NO ☑

UBDIVISION: SECTION: LOT #: LOT AREA: 56.1 DESIGN FLOW: 240 L.T.A.R.: 0.25

eptic Tank: 1000 (gal)	STB: 7600	Date: 10/12/23	☑ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 2	Water Supply: New Well
ump Tank: (gal)	PT:	Date:	System Description: Gravity Accepted		☐ Business	No. Persons: 4	
ump Make:	Model:	Serial #:	Repair System Description: Accepted		☐ Other	No. Employees:	
Nitrification Fields: 1	# Lines: 3	Linear Ft.: 240	Maintenance Agreement Required: ☐ YES ☑ NO		☑ Slab	☐ Crawl Space	
ench Width: 36	Trench Bottom Depth (Low side): 23		Gravel Depth:	☑ GRAVITY ☐ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

omments / Conditions: This permit is issued pursuant to G.S. 130A-335 (a2), (a3), and (a4) using the signed and sealed LSS/LG evaluation attached

INITIAL SITE SKETCH

AS BUILT SKETCH

Lines as drawn. see modified tank location on site plan.

rmit 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.

wner / Applicant Signature: Date:

IPROVEMENT PERMIT by: Date: 6/6/2023

UTHORIZATION TO CONSTRUCT by: Date: 6/8/2023

Installed By: Rowan Septic

OPERATION PERMIT by: Date: 11/30/2023

Existing System Inspected By: Date:

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 BETWEEN 8am-9am the day the inspection is needed.

County: Iredell

This Section for Local Health Department Use Only

Initial submittal received: 6/6/2023 (Date) by BB. (Initials)

Permit Number: OSWP-2023-26284

G.S. 130A-335(a4) states the following: *'If a local health department fails to act on an application for an improvement permit submitted pursuant to subsection (a3) of the section within 10 business days of receipt of a complete application, the local health department shall issue the improvement permit.'*

In accordance with G.S. 130A-335(a3) the improvement permit application is:

☐ 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 Owner on _____ (Date)

State Authorized Agent: _____ Date: _____

☐ Denied (See attached report.)

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

State Authorized Agent: _____ Date: _____

☑ Complete

State Authorized Agent: Benjamin A Betts Date of Issuance: 6/6/2023

This Improvement Permit is issued pursuant to G.S. 130A-335 (a2), (a3), and (a4) using the signed and sealed LSS/LG evaluation(s) attached here. 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, or if information submitted in the application was falsified, inaccurate or misleading. 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. The location and identification of all property lines, easements, water lines, and other appropriate utilities shall be the responsibility of the owner.

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: 6/6/2028

See attached site sketch

County: Iredell

IMPROVEMENT PERMIT FOR G.S. 130A-335(a2)/SL2022-11

PIN/Lot Identifier: 4719-36-5846

Issued To: Stilwell Farm LLC

Property Location: 555 Pisgah Ridge Circle Hiddenite, North Carolina 28636

Subdivision: _____ Lot #: _____ Block: _____ Section: _____

LSS Report Provided: Yes ☒ No ☐

If yes, name and license number of LSS: Steven R. Cannon #1291

New ☒ Repair ☐ Expansion ☐ System Relocation ☐

Proposed Structure: House

Proposed Wastewater System Type: Accepted (Initial) Accepted (Repair)

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

Proposed Design Daily Flow: 240 GPD Proposed LTAR (Initial): .25 Proposed LTAR (Repair): .25

Design Wastewater Strength: ☒ domestic ☐ high strength ☐ industrial process

Number of bedrooms: 2 Number of Occupants: _____ Other _____

Pump Required: ☐ Yes ☒ No ☐ May be required based upon final location and elevations of facilities

Artificial Drainage Required: ☐ Yes ☒ No If yes, please specify details: _____

Type of Water Supply: ☒ Private well ☐ Public well ☐ Municipal Supply ☐ Spring ☐ Other: _____

Drainfield location meets requirements of Rule .1945: Yes ☒ No ☐

Drainfield location meets requirements of Rule .1950: 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:

_____

_____

_____

Licensed Soil Scientist Print Name: Steven R. Cannon

Licensed Soil Scientist Signature: Steven R. Cannon Date: 5/15/2023

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

See attached site sketch

Coddle Creek Soil Consulting, LLC
5500 Deer Run Court
Davidson, NC 28036
(704) 706 4645

May 16, 2023

Iredell County Environmental Health
Attention: Mr. Ben Botkins
349 North Center Street
Statesville, North Carolina 28677

Subject: Recommended Wastewater Disposal System
555 Pisgah Ridge Circle
Hiddenite, North Carolina 28636
Pin # 47193658 46
Stilwell Farm LLC

Enclosed you will find a copy of the wastewater disposal system proposed for Stilwell Farm LLC. The property address is located at 555 Pisgah Ridge Circle Hiddenite, North Carolina 28636 described as being Pin # 4719-36-5846. Attached are notes as well as site plans and designs for a on-site wastewater disposal system. This design is submitted under Session Law 2022-11 (S372). Please review the enclosed document presented to you. Please contact me for concerns regarding the wastewater disposal system design.

"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: Stilwell Farm LLC

Signature: Scott Stilwell

LICENSED SOIL SCIENTIST
STEVEN RANDAL CANNON
1291
STATE OF NORTH CAROLINA

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

Steve Cannon, LSS

Signature: Steve Cannon

Design Specifications for Proposed Wastewater Systems

Applicant: Stilwell Farm LLC
Property Address: 555 Pisgah Ridge Circle
Hiddenite, North Carolina 28636
Pin # 4719-36-5846
Acres: 56.1
Iredell County, North Carolina

Source of Water Flow	2 Bedroom House
Wastewater Treatment Systems	Accepted/Accepted
Septic Tank	1,000 gallons
Estimated Daily Flow	240 gallons/day
Wastewater Treatment: Initial	Accepted
Loading Rate	.25 g/d/sq.ft.
Drainfield Size	240 feet of Accepted
Slope	13 percent
Slope Correction	5 inches
Trench Bottom Depth	23 inches on downslope
Wastewater Treatment: Repair	Accepted
Loading Rate	.25 g/d/sq.ft.
Drainfield Size	240 feet Accepted
Slope	13 percent
Slope Correction	5 inches
Trench Bottom Depth	23 inches on downslope

Applicant: Stilwell Farm LLC
Physical Address: 555 Pisgah Ridge Circle
Hiddenite, North Carolina 28636
Acres: 56.1
Iredell County, North Carolina

Initial

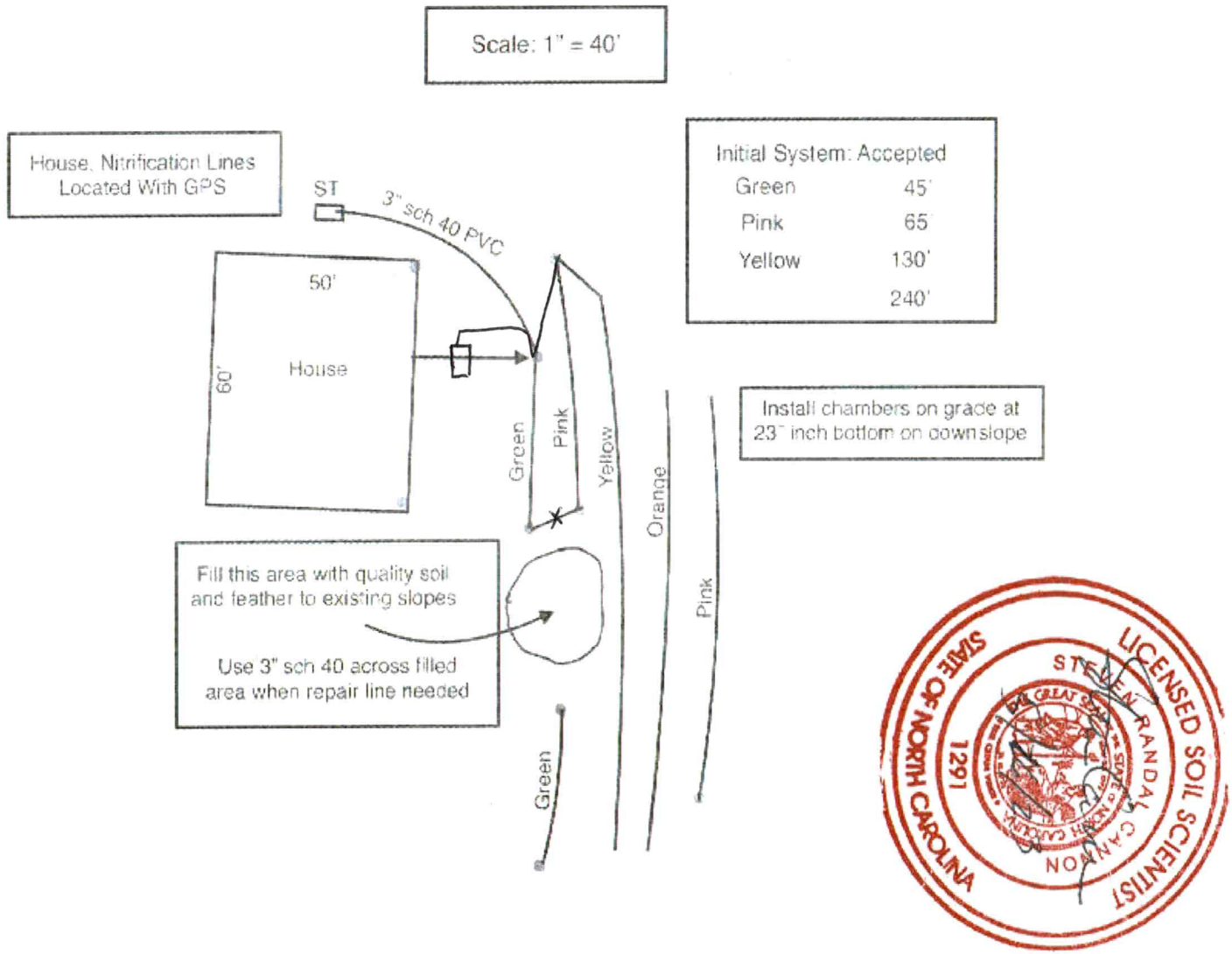
Line	Flag Color	Line Elevation	Flagged Length	Design Length
1	Green	3.70'	45'	45'
2	Pink	5.14'	65'	65'
3	Yellow	6.41'	130'	130'
			Total 240'	Total 240'

Repair

Line	Flag Color	Line Elevation	Flagged Length	Design Length
1	Green	3.70'	42'	42'
2	Orange	8.41'	118'	100'
3	Pink	8.77'	102'	98'
			Total 262'	Total 240'

6:44 PM Tue May 16
87%
Scott Stilwell 2
Done

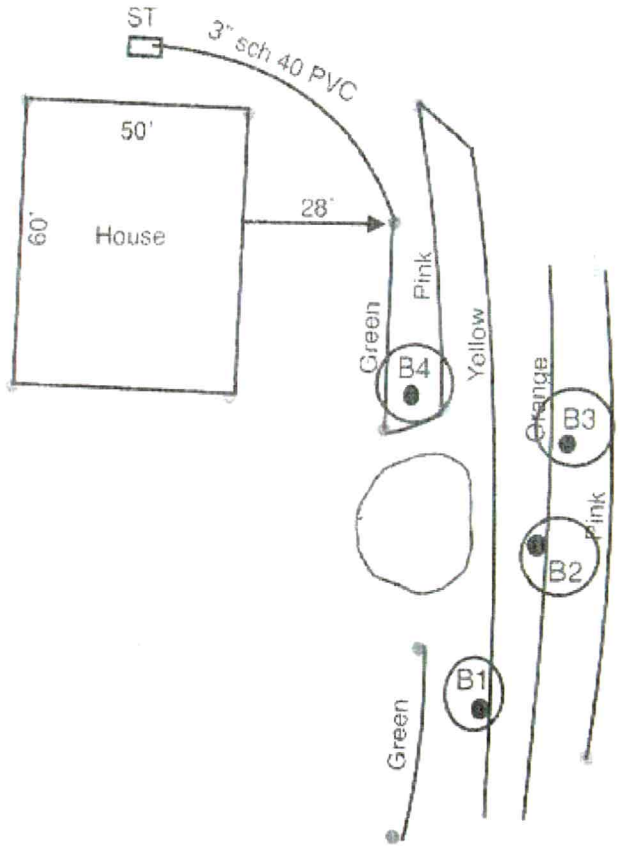
Stilwell Farm LLC



6:49 PM Tue May 16
87%
Scott Stilwell 3
Done

Scale: 1" = 40'

Boring Locations





8:31 PM Thu May 18

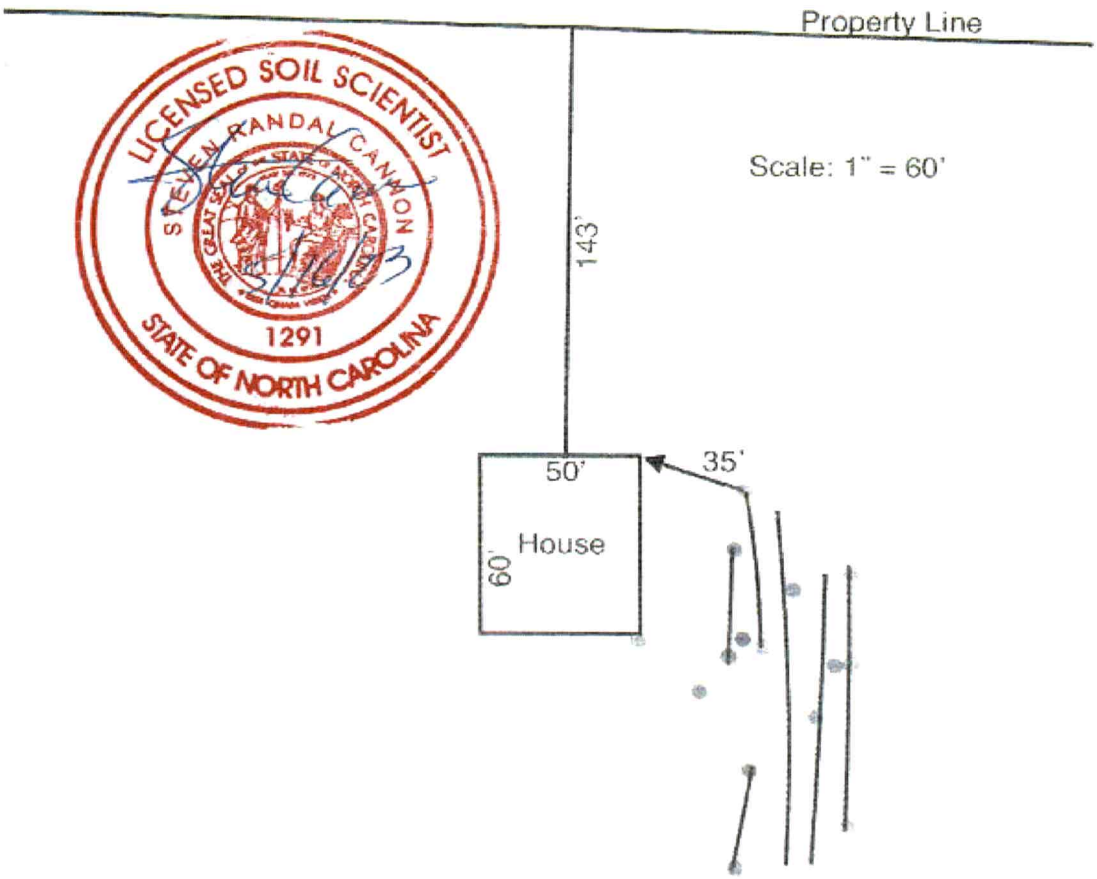
57%

Safari - May 18, 2023 at 8:04 PM

Done

Stilwell Farm LLC

Dishman Ridge Lane



Sheet ___ of
PROPERTY ID #:
COUNTY: Iredell

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

OWNER: Stilwell Farm LLC
ADDRESS: 1311 Nixon Heights Lane Denver, NC
PROPOSED FACILITY: House
LOCATION OF SITE: 555 Pisgah Ridge Circle Hiddenite NC
WATER SUPPLY: ✓Private Public Well Spring Other
EVALUATION METHOD: ✓Auger Boring Pit Cut TYPE OF WASTEWATER: ✓Sewage Industrial Process Mixed

APPLICATION DATE:
DATE EVALUATED: 5/12/23
PROPERTY SIZE:
PROPERTY RECORDED:

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE MINERALOGY	.1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	1968 KARO CERTIFICATE #1291	.1944 RESTR. HORIZ.	PROFILE CLASS & LTAR
1	L 13%	0-23"	C SSL	sp fi sap		46"			PS .25
		23-46"	Ch wSL	sp fi sap					
2	L 13%	0-25"	C SSL	sp fi SSL		48"			PS .25
		25-48"	Ch wSL	sp fi sap					
3	L 13%	0-20"	C SSL	sp fi sap		48"			PS .25
		20-48"	Ch wSL	sp fi sap					
4	L 13%	0-32"	C SSL	sp fi sap		40"			PS .25
		32-40"	Cl wSL	sp fi sap					

LICENSED SOIL SCIENTIST
STEVEN RANDAL CANADAY
STATE OF NORTH CAROLINA
1291

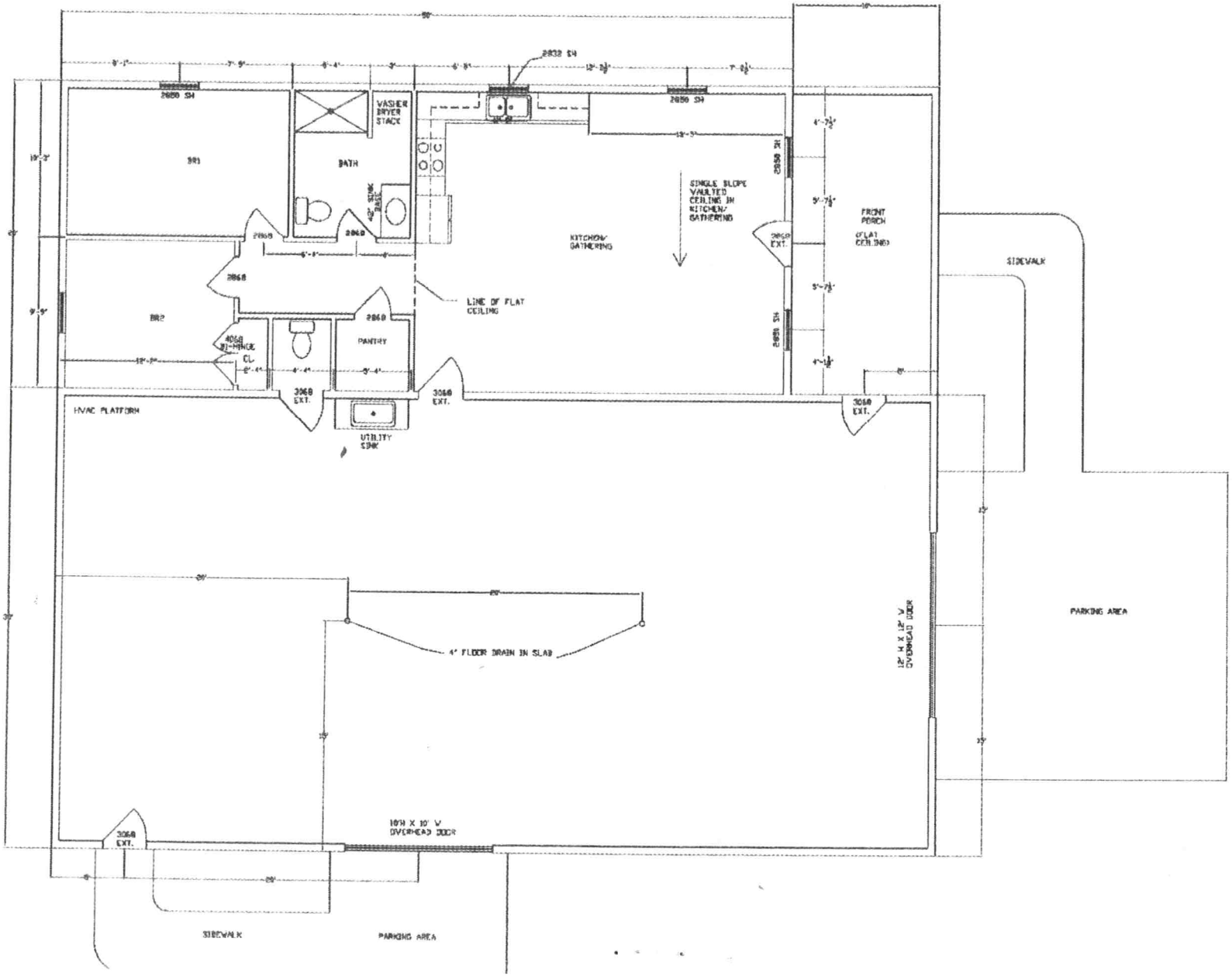
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1943)	✓	✓
System Type(s)	Accepted	Accepted
Site LTAR	.25	.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Steven Canaday
OTHERS PRESENT:

COMMENTS:

Updated February 2014

B&B.


2832 SH
2850 SH
2850 SH
2850 SH
WASHER DRYER STACK
BR1
BATH
42" SINK BASE
2868
2868
2868
SINGLE SLOPE VAULTED CEILING IN KITCHEN/ GATHERING
KITCHEN/ GATHERING
2850 EXT.
FRONT PORCH
(FLAT CEILING)
SIDEWALK
LINE OF FLAT CEILING
BR2
4068 BI-HINGE
CL
PANTRY
2868
3068 EXT.
3068 EXT.
3068 EXT.
HVAC PLATFORM
UTILITY SINK
4" FLOOR DRAIN IN SLAB
12' H X 12' W OVERHEAD DOOR
PARKING AREA
10'H X 10' W OVERHEAD DOOR
3068 EXT.
SIDEWALK
PARKING AREA