

TIME OF TRANSFER INSPECTION TOT# 16574 KYLE NEKVINDA CERT # 8866

Site Information

Parcel Description: **17143-27014-00000**

Address: **5 Hillcrest Heights Lane, Mount Vernon, IA 52314** County: **Linn**

Owner Information

Property is owned by a business: **No**

Business Name:

Owner Name: **Chris McVay**

Email Address:

Address: **5 Hillcrest Heights Lane, Mount Vernon, IA 52314**

Phone No:

Site related information

No Of Bedrooms: **4**

Facility Type: **Residential**

Last Occupied: **05/01/2025**

Permit issued by County: **Yes**

All plumbing fixtures enter septic system: **Yes**

Property Information Comments:

Inspection Date: **07/17/2025**

Currently Occupied: **No**

System Installation Date: **05/10/1977**

Permit Number: **PS-004586**

County contacted for records: **Yes**

Primary Treatment

Tank 1

Tank Name: **Tank 1**

Tank Material: **Concrete**

No. of Compartments: **1**

Date Pumped: **7/17/2025**

Type: **Septic Tank**

Tank Corrosion Type: **Slight**

Pump Tank Chamber: **Yes**

Meets Setback to Well: **Yes**

Tank Size (Gal): **800**

Liquid Level Type: **Normal**

Licensed Pumper Name: **Miene Septic Service**

Well Type: **Private**

Distance To Well (Ft.): 50' +	Is Accessible: Yes	Lid Intact: Yes	
Risers Intact: Yes	Effluent Filter Present: No	Watertight: Yes	
Tank/Vault Pumped: Yes	Inlet Baffle Present: Yes	Outlet Baffle Present: Yes	Functioning as Designed: Yes
Tank Comments:			

General Primary Treatment Comments:

Distribution Type

Distribution Box 1

Label: Distribution Box 1	Material Type: Plastic	Accessible: Yes
Box Opened: Yes	Baffle Present: Yes	Speed Levelers Present: Yes
Watertight: Yes	Functioning As Designed: Yes	

General Distribution System Comments :

Secondary Treatment

Lateral Field1

Distribution Type: Distribution Box	Material Type: Rock and PVC Pipe	Trench Width: 36
Lines: 5	Total Length of Absorption Line: 350	System Hydraulic Loaded: Yes
Gallons Loaded: 600	Meets Setback to Well: Yes	Well Type: Private
Distance To Well (Ft.): 100' +	Lateral Lines Probed: Yes	Saturation or Ponding Present: No
Grass Cover Present: Yes	Lateral Lines Equal Length: No	System Located on Owner Property: Yes
Easement Present: N/A	Functioning as Designed: Yes	
Comments: One field line stopped taking water during the hydraulic loading test, the other four lines accepted water.		

General Secondary Treatment Comments:

Narrative Report

TOT Inspection Report Overall Narrative Comments: **Narrative Uploaded**

TIME OF TRANSFER INSPECTION TOT# 16574 KYLE NEKVINDA CERT # 8866

Owner Name: **Chris McVay**

Address: **5 Hillcrest Heights Lane , Mount Vernon , IA 52314**

County: **Linn**

Inspection Date: **07/17/2025**

Submitted Date: **7/21/2025**

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This APPROVAL in no way makes the County responsible
for the ~~COMPLETION~~ ^{REPORT} of this sanitation system
Permit No. 1258 Private Sewage Disposal System

Owner Jon McVay Contractor McBurney
Address RR 1A Vernon (Hillcrest Hgts.) Twp. 82-5-14 Franklin
No. Family Units 1 Bedrooms 3 Water Supply Shared well

SEPTIC TANK

Distance from well 130' No. Compartments 1 Material Concrete
Liquid capacity below outlet 800 gallons Capacity inlet compartment _____

DISPOSAL FIELD

Distance from well 120' Distance from foundation approx 50'
Total length of laterals 350' No. of lines 5 Trench width 3'
Total area of trench bottom 1050 sq ft Depth of tile below finish grade 15"-28"
Type filter material Class II NOT approved Concrete Aggregate Depth gravel below tile 12"+

LEACHING PIT

Distance from well _____ Distance from foundation _____
Inside dimensions _____ Depth below inlet _____
Filling material _____ Depth of cover material _____

BASEMENT DRAIN

Drained by: Sump pump _____ Drained to: Septic tank ☒
Gravity ☒ Leaching pit _____
Other _____

System installed in accordance with plans submitted on application for permit: YES ☒

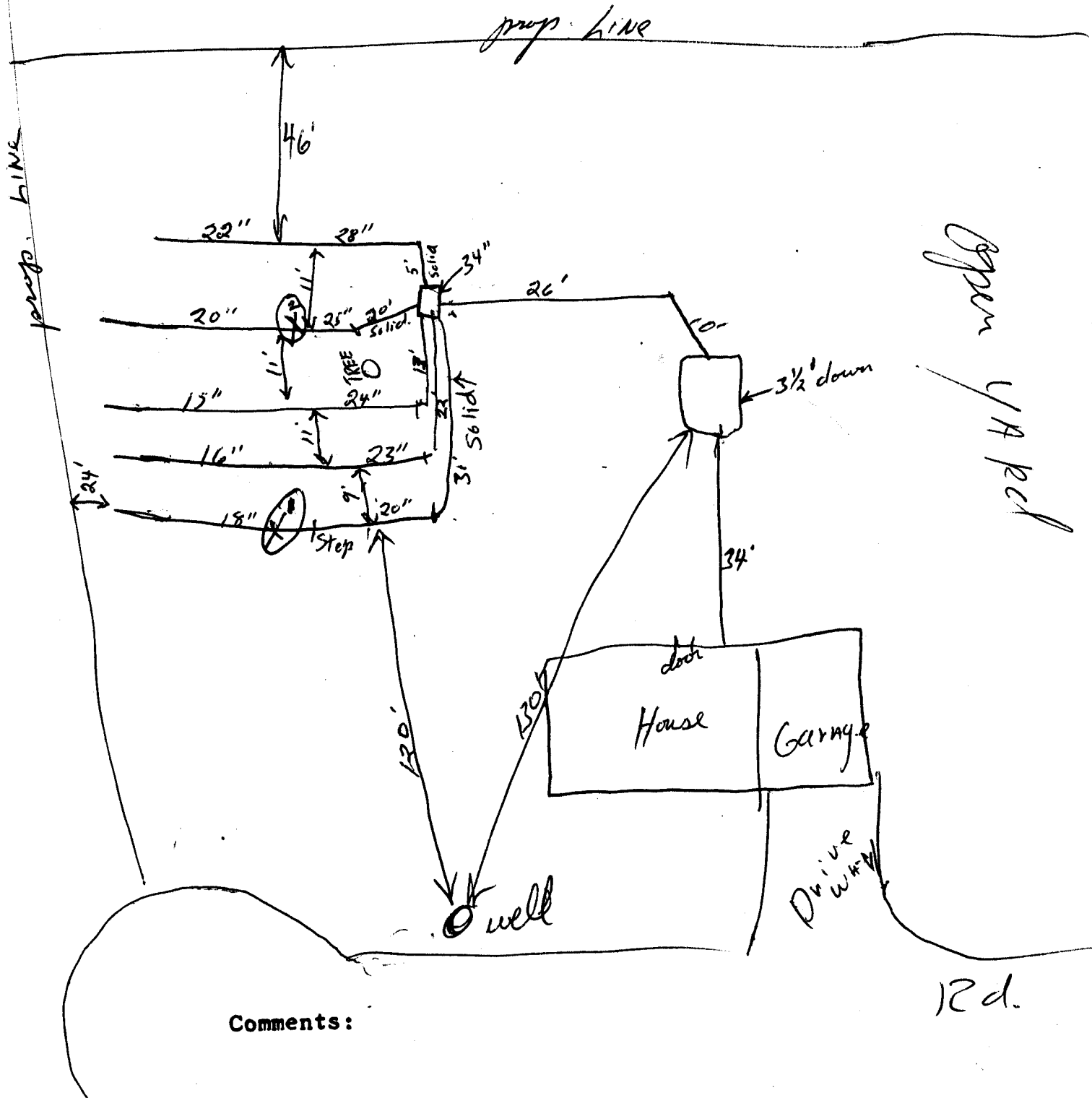
NO _____ (Give details on changes) _____

5-10-77
Date of inspection

[Signature]
Inspector

Linn County Board of Health

Show by sketch an exact layout of system. Give exact distances from buildings, lot lines, wells, streams or other nearby items which may influence the operation of the system.



Comments:

APPROVED**LINN COUNTY ENVIRONMENTAL SERVICES****SOIL ABSORPTION SYSTEM**Permit # **PSS19-0038R****Completion Report for Private Sewage Disposal System**Owner: **McVay Joint Rev Trust**Site Address: **5 Hillcrest Heights Lane Mount Vernon, IA 52314-9611**Township: **Franklin**Addition: **Hillcrest Heights**Lot # **5**Legal S-T-R **14 82 5**Mailing Address: **5 Hillcrest Heights Lane Mount Vernon, IA 52314-9611**Contractor: **Roto-Rooter**Bedroom #: **3****Water Supply: Shared-Private****Primary Treatment:**

Septic Tank Volume (g): **800** Manuf: **Existing** Material: **Concrete** # Pieces: # Cmp: **1**
Riser Ht Lid 1 (in): Riser Ht Lid 2 (in): Filter Brand: Diameter (in): Distance to well (ft): **130**

Dose Tank Volume(g): Pump or Siphon Dose: Gallons/dose: Riser Ht (in): Alarm:

Secondary Treatment: Subsurface Absorption

Subsurface Absorption Type: Existing Chamber Manuf: Lineal Ft: **350** # Trenches: **5**
Distance to well (ft): **120** Soil cover over trenches (in): **11-24** Trench width (in): **36** Inches rock under pipe **12**
Cover over dbx (in):

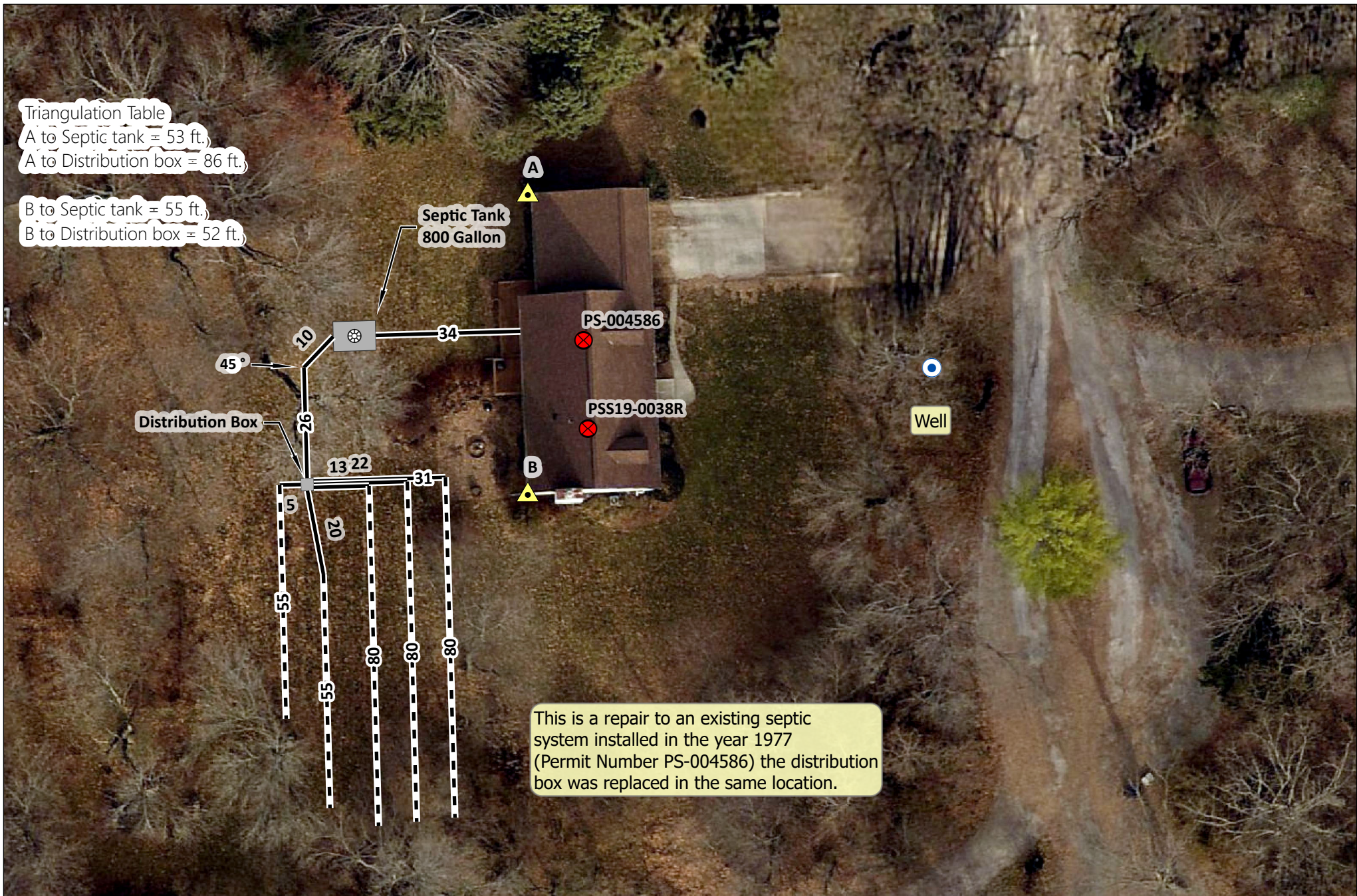
Comments: Effluent filter requires frequent cleaning.

This is a repair to an existing septic system installed in the year 1977 (permit PS-004586), the distribution box was replaced in the same location.

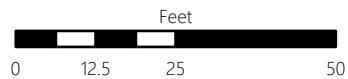
For more information about this septic system including site photos during the installation, go to the web viewer site at <https://lcgis.linncounty.org/apps/health/septicviewer> and search for the parcel address in the search box.

Was any portion of the field covered before the inspection: **No** System installation approved: **Yes**Date of Installation: **11/01/2019** Environmental Health Specialist:Scanned ☐

This APPROVAL in no way makes the County responsible for the continued operation of this sanitation system



5 Hillcrest Heights Lane
Linn County, Iowa



- Control Point
- Cleanout
- Collector Vent
- Vent

- Well
- Cover
- Daylight / Open Discharge
- Distribution Box

- Siamese Cleanout
- Solid Pipe
- Perforated Pipe

Permit Num	PSS19-0038R	Install Date	11/1/2019	Print Date	4/24/2020
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Office (319) 393-4142
Fax (319) 832-1695
MieneSeptic@mchsi.com

July 21, 2025

Re: Septic Inspection at 5 Hillcrest Heights Lane
Mount Vernon, IA 52314
Seller: Chris McVay

On July 17, 2025, we inspected the septic system at the above four-bedroom residence. The one-compartment, 800-gallon, concrete tank is in good condition with baffles intact. When the tank was pumped there was no crust on the top and twelve inches of sludge on the bottom. When the toilet was flushed and washing machine was discharged, waste adequately ran into the tank. The system was installed in 1977 by Ron Mayland. The distribution box was replaced in 2019. The tank is undersized per Iowa code 69.8(2), and if it fails in the future, Iowa Code would require at least a 1,500-gallon tank be installed.

We dug up the plastic distribution box which we found in good condition. Five lines lead out of it for a total of 350 feet of rock lined trenches. During the hydraulic loading test one field line stopped taking water, the other four lines accepted water. There was no indication of previous failure or ponding of water when we probed the field lines and hydraulically loaded the distribution box. All parties involved should be aware that most septic systems have a life span of 30-40 years, if maintained properly. The system is over 100 feet from the well as required by Iowa Code, Chapter 69.

Health Departments recommend septic tanks be pumped every three or four years, depending on the number of people living in the house and the amount of water usage. Wet wipes, tampons, disposable diapers, paint, cigarette butts, cat litter, facial tissues and paper towels should not be flushed into the system, even if the box claims to be "septic safe." In addition, it is preferable to use liquid laundry detergent rather than a powder. Fabric softener sheets should be used in the dryer rather than a liquid in the washing machine. Please keep all vehicles off the system. This inspection is an assessment of the current functioning of the system, not a guarantee of its future performance. If you have any questions, please call.

Sincerely,

A handwritten signature in cursive script, appearing to read "Chris Boddicker", is written over a horizontal line.

Chris Boddicker

Inspected by Kyle Nekvinda
Certified Inspector #8866