

Fundamentals of GPI
Completed Piping Project

Name: _____

Date: _____

Partner: _____

System Number: _____

Attach the original Piping Project Lab you used to the back of this one when you turn it in!

1. Appliance _____

- a. Appliance Manufacturer _____
- b. Appliance Model Number _____
- c. Appliance Serial Number _____
- d. Appliance Gas Type _____
- e. Appliance Input _____
- f. Required Input Pressure _____
- g. Manifold Pressure _____

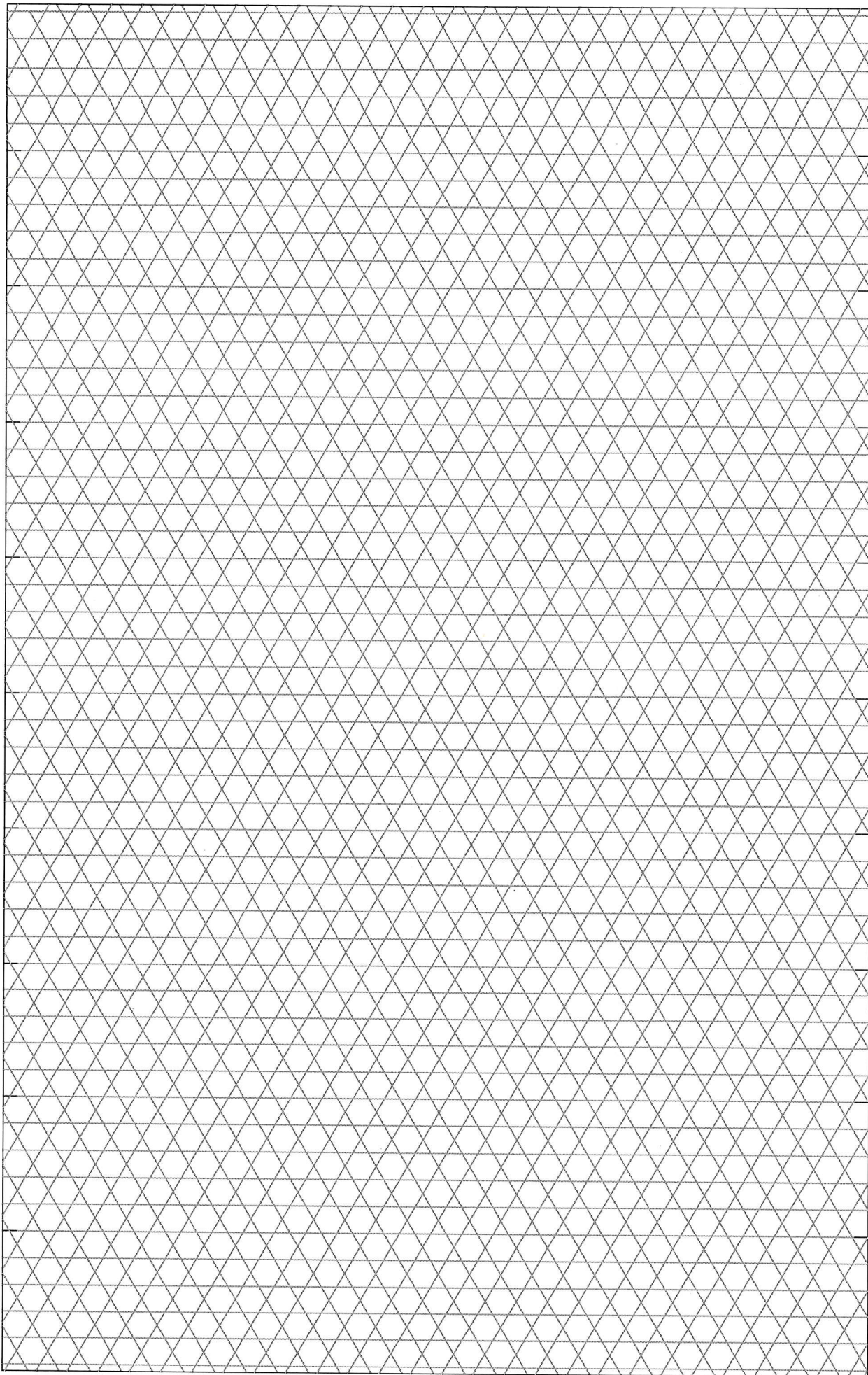
2. Appliance _____

- a. Appliance Manufacturer _____
- b. Appliance Model Number _____
- c. Appliance Serial Number _____
- d. Appliance Gas Type _____
- e. Appliance Input _____
- f. Required Input Pressure _____
- g. Manifold Pressure _____

6. What was the part of the project you enjoyed most and why?

7. What was the part of the project you had the most difficulty and why?

8. Now that your project is complete, please complete an isometric piping diagram. Include all the necessary information. Use the actual dimensions and piping route of your completed project.



LEGEND

Title Block	Date:	Gas Supplier:
Prepared By:		ASP:
Company:		Sizing Method:
Job Name:		Piping Material:
Job Location:		Max Demand:
Gas Type:	<input type="checkbox"/> Nat. <input type="checkbox"/> L.P.	Longest Length:

Fundamentals of GPI

Piping Project

Name: _____

Date: _____

Partner: _____

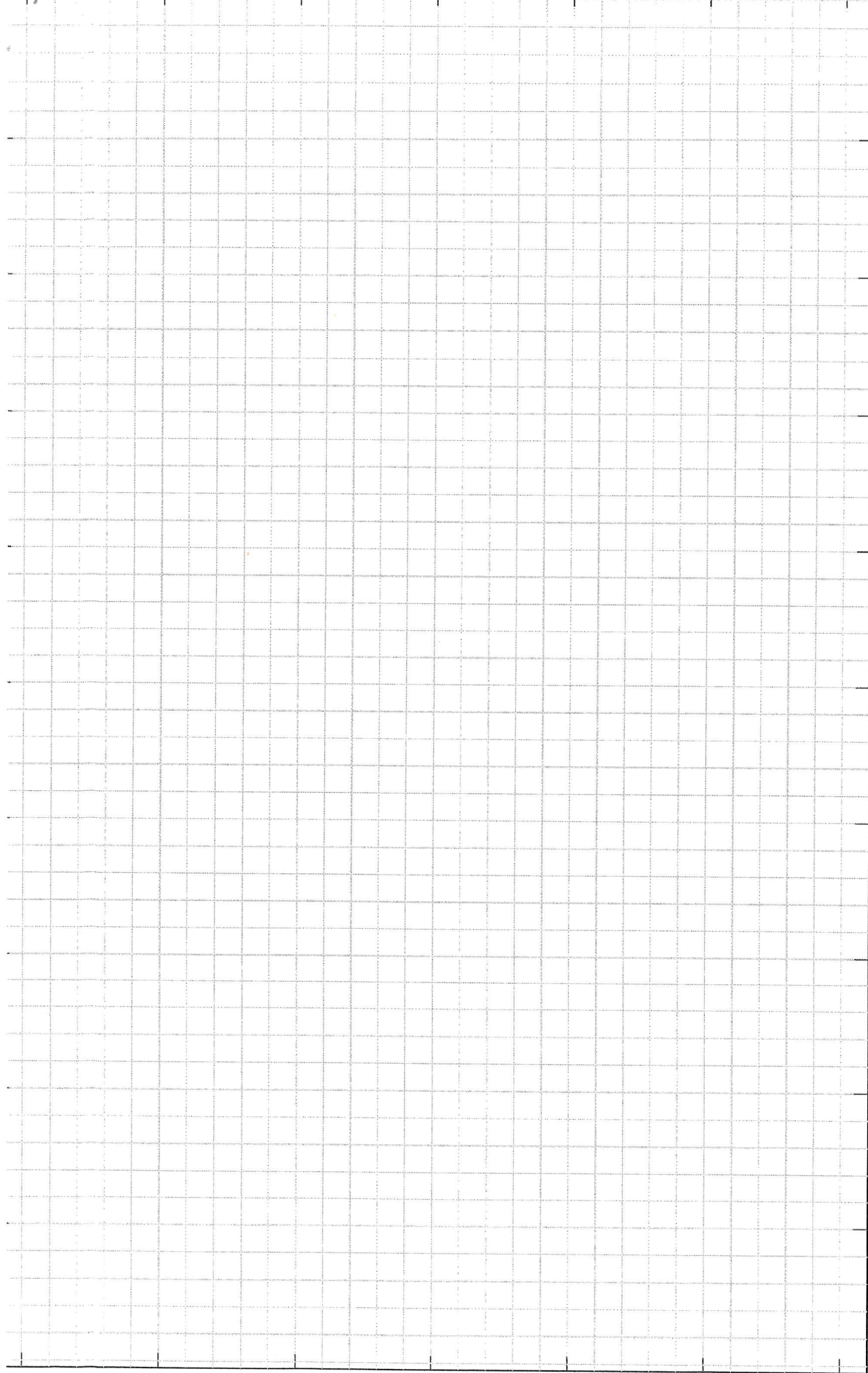
System Number: _____

1. Appliance _____

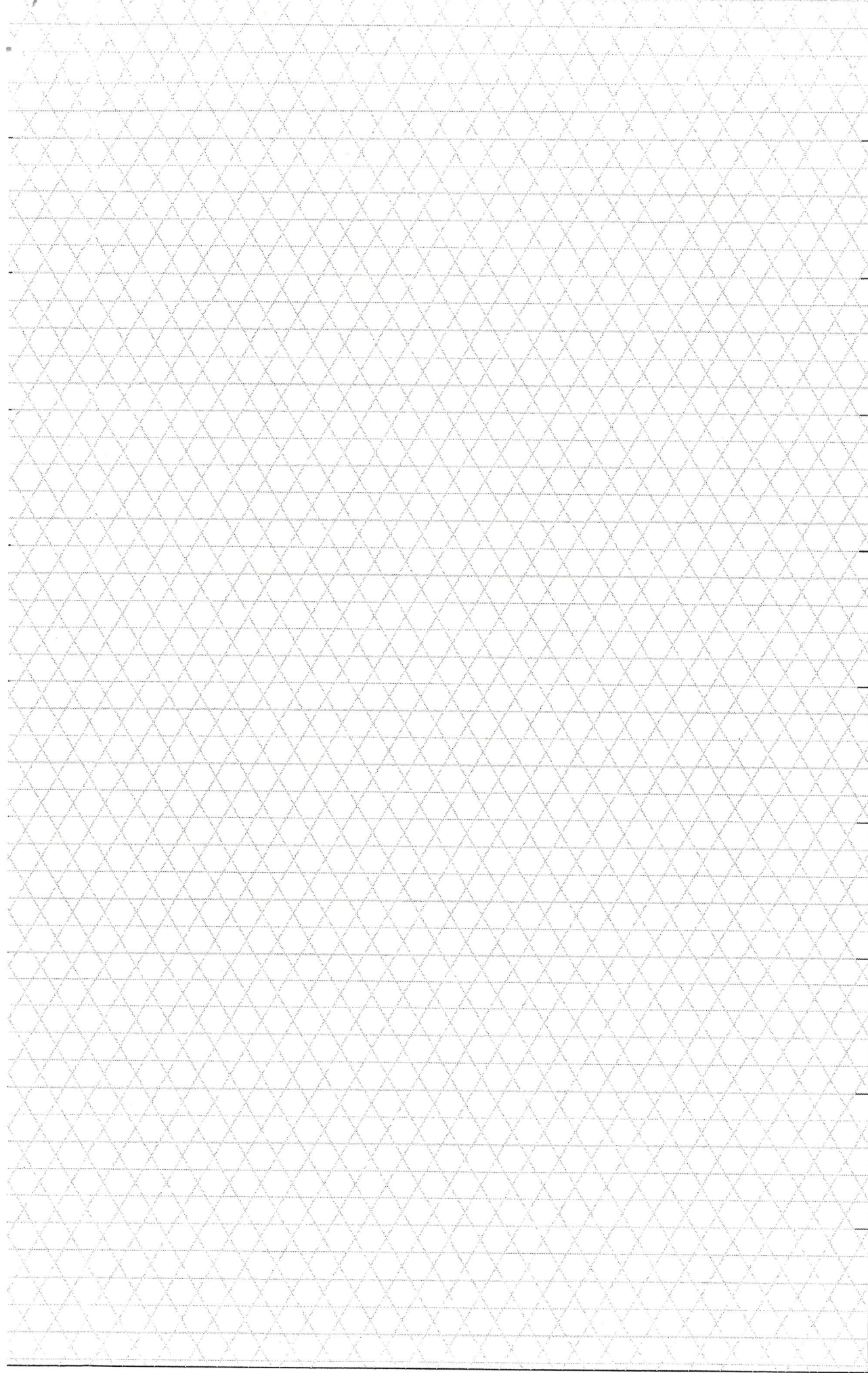
- a. Appliance Manufacturer _____
- b. Appliance Model Number _____
- c. Appliance Serial Number _____
- d. Appliance Gas Type _____
- e. Appliance Input _____
- f. Required Input Pressure _____
- g. Manifold Pressure _____

2. Appliance _____

- a. Appliance Manufacturer _____
- b. Appliance Model Number _____
- c. Appliance Serial Number _____
- d. Appliance Gas Type _____
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Title Block		Date:	Gas Supplier:	LEGEND
Prepared By:			ASP:	
Company:			Sizing Method:	
Job Name:			Piping Material:	
Job Location:			Max Demand:	
Gas Type:	<input type="checkbox"/> Nat.	<input type="checkbox"/> L.P.	Longest Length:	



Title Block

Date:

Gas Supplier:

Prepared By:

ASP:

Company:

Sizing Method:

Job Name:

Piping Material:

Job Location:

Max Demand:

Gas Type: Nat. L.P.

Longest Length:

LEGEND

Fundamentals of GPI

Pressure Testing, Leak Check

Name: _____

Date: _____

1. Appliance _____

- a. Appliance Manufacturer _____
- b. Appliance Model Number _____
- c. Appliance Serial Number _____
- d. Appliance Gas Type _____
- e. Appliance Input _____
- f. Required Input Pressure _____
- g. Manifold Pressure _____

2. Appliance _____

- a. Appliance Manufacturer _____
- b. Appliance Model Number _____
- c. Appliance Serial Number _____
- d. Appliance Gas Type _____
- e. Appliance Input _____
- f. Required Input Pressure _____
- g. Manifold Pressure _____

3. Perform a system Leak Check since you are turning on the gas. Please explain the process below. Instructors Initials _____.

4. Perform a system Pressure Test. Please explain the entire process below. Please have the instructor sign off on the pressure test as an inspector would.

Instructors Initials_____.

a. How much pressure is required? _____

b. How long must the system hold pressure? _____

c. How will you leak test the portion of the piping that was not subjected to the pressure test?