



Today's Solutions //



Tomorrow's Technology.....

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**Customer XYZ
Sample report**

**2/07/2014
Job #146824**

First Floor Heating Problem Findings

The following issues were noted with regard to low heat problem with North tenant space on first floor.

1. North lobby exterior Johnson reverse acting thermostat branch pressure would only achieve 8 pound signal. (Main pressure acceptable at 19 pounds. Temporally jumped to operate fan powered heat box which was doing 23 degrees delta.

2. Tenant (Suite 175) main branch cold air duct leaking in return fur down area above drop ceiling. Apparent 1.025 copper suction line for previous split system penetrating duct causing 55 degree system supply air mixing with return air.



Pipe penetrating supply air duct in return fur down above first floor tenant ceiling.

3. North stairwell emergency exit door not properly sealed and leaking outside air into stairwell.



Stairwell and Outside Emergency Door



Outside Exit door

4. Noted no insulation between tenant's north exterior walls and stairwell as seen in thermal scan images (Attached).



Note: Existing Hole in wall. No Insulation in stairwell wall (Adjacent to Office #2)

5. Stairwell pressurization fan on roof has no isolation dampers to stairwell intake.



North stairwell pressurization fan intake on roof.

Building Envelope Details Report

Site: Freeport Tower

Problem Status: OPEN 😞

Location: 1st Floor \ Suite 175 \ North Side

Equipment: Office 2 (2nd on left)

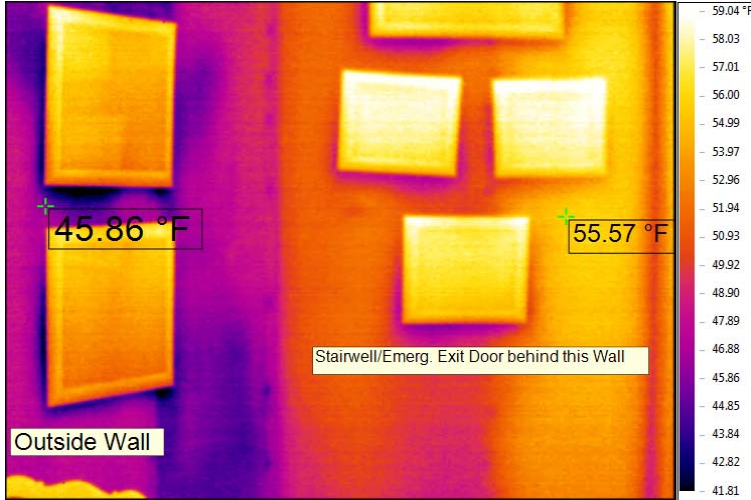
Relative Moisture: Barcode:

Asset ID: Condition:

IDN File: 1e3bfda4-7e74-4637-87c2-c30dbd2a2d68.idn

Severity: 1

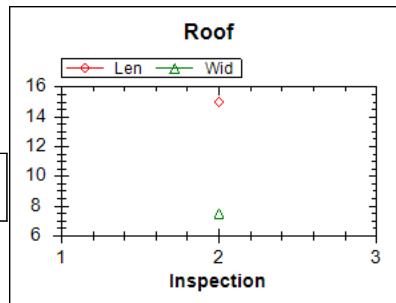
Inspection#: 2	Problem#: 1
Prob Date&Time: 02/07/2014 12:26	
Area Length: 15	
Area Width: 7.5	
Total Area: 112.5	



Description: Northwest & North Wall
Note: Angled wall inside Office #2.
Probable Cause: Insulation deficiency in Exterior Wall.
Recommendation: Insulate wall.

Historical Sub Report

Insp.#	Prob.#	Date	Length	Width	Affected Area	Severity Code
2	1	02/07/2014	15	7.5	112.5	1



Problem Status:	<input type="checkbox"/> Not repaired	<input type="checkbox"/> Repair made, but needs IR recheck	<input type="checkbox"/> Closed
Repair assigned to:	Repair target date:		
Repair assigned by:	Date:		
Repaired by:	Date:		
Type of defect found:			
Corrective action taken:			



Building Envelope Details Report

Site: Freeport Tower

Problem Status: OPEN

Severity: 1

Location: 1st Floor \ Suite 175 \ North Side

Equipment: Office 2 (2nd on left)

Relative Moisture: Barcode:

Asset ID: Condition:

IDN File: a7ae25a9-4602-45a8-8ee8-16cf4394a6d3.idn

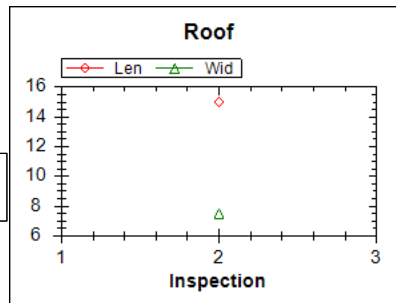
Inspection#:2	Problem#:2
Prob Date&Time: 02/07/2014 13:12	
Area Length: 15	
Area Width: 7.5	
Total Area: 112.5	



Description: Northwest Wall
Note: Angled wall inside Office #2.
Probable Cause: Insulation deficiency in Exterior Wall.
Recommendation: Insulate wall.

Historical Sub Report

Insp.#	Prob.#	Date	Length	Width	Affected Area	Severity Code
2	2	02/07/2014	15	7.5	112.5	1



Problem Status:	<input type="checkbox"/> Not repaired	<input type="checkbox"/> Repair made, but needs IR recheck	<input type="checkbox"/> Closed
Repair assigned to:	Repair target date:		
Repair assigned by:	Date:		
Repaired by:	Date:		
Type of defect found:			
Corrective action taken:			



Building Envelope Details Report

Site: Freeport Tower

Problem Status: OPEN

Location: 1st Floor \ Suite 175 \ North Side

Equipment: Copy Room

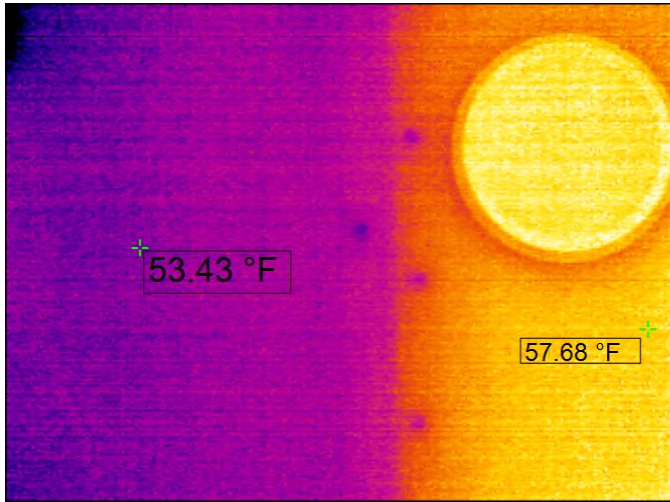
Relative Moisture: Barcode:

Asset ID: Condition:

IDN File: fe3639f6-f758-4092-a2ad-306b6f3303f1.idn

Severity:

Inspection#: 2	Problem#: 3
Prob Date&Time: 02/07/2014 13:16	
Area Length: 15	
Area Width: 3	
Total Area: 45	



Description: North Wall

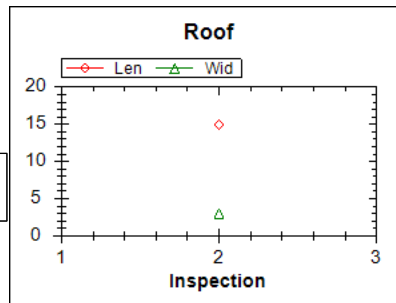
Note:

Probable Cause: Insulation deficiency in Stairwell Wall.

Recommendation: Insulate wall.

Historical Sub Report

Insp.#	Prob.#	Date	Length	Width	Affected Area	Severity Code
2	3	02/07/2014	15	3	45	



Problem Status:	<input type="checkbox"/> Not repaired	<input type="checkbox"/> Repair made, but needs IR recheck	<input type="checkbox"/> Closed
Repair assigned to:	Repair target date:		
Repair assigned by:	Date:		
Repaired by:	Date:		
Type of defect found:			
Corrective action taken:			



Professional

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Building Envelope Details Report

Site: Freeport Tower

Problem Status: OPEN 😞

Location: 1st Floor \ Suite 175 \ North Side

Equipment: Breakroom

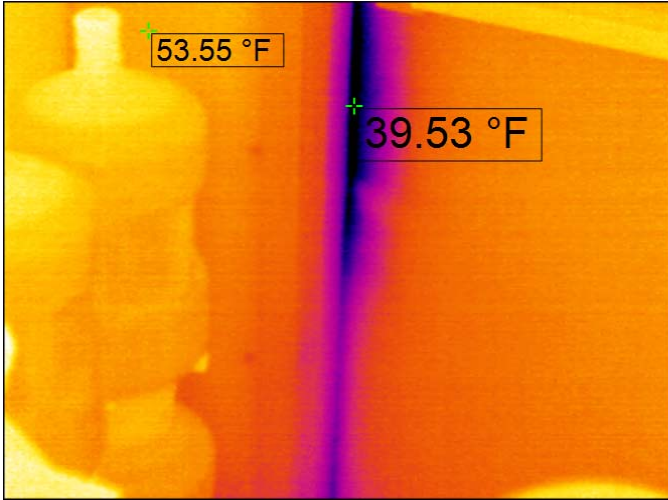
Relative Moisture: Barcode:

Asset ID: Condition:

IDN File: 3f4b8e38-94b1-4547-aab7-6258c4dffdf2.idn

Severity:

Inspection#: 2	Problem#: 4
Prob Date&Time: 02/07/2014 13:21	
Area Length: 15	
Area Width: 1	
Total Area: 15	



Description: Emergency Exit Door to Stairwell

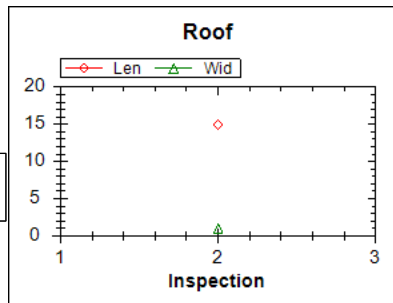
Note:

Probable Cause: Insulation deficiency around Emergency Exit door to Stairwell.

Recommendation: Insulate around door and wall.

Historical Sub Report

Insp.#	Prob.#	Date	Length	Width	Affected Area	Severity Code
2	4	02/07/2014	15	1	15	



Problem Status:	<input type="checkbox"/> Not repaired	<input type="checkbox"/> Repair made, but needs IR recheck	<input type="checkbox"/> Closed
Repair assigned to:	Repair target date:		
Repair assigned by:	Date:		
Repaired by:	Date:		
Type of defect found:			
Corrective action taken:			

Building Envelope Details Report

Site: Freeport Tower

Problem Status: OPEN

Location: 1st Floor \ Suite 175 \ North Side

Equipment: Office 1 (38)

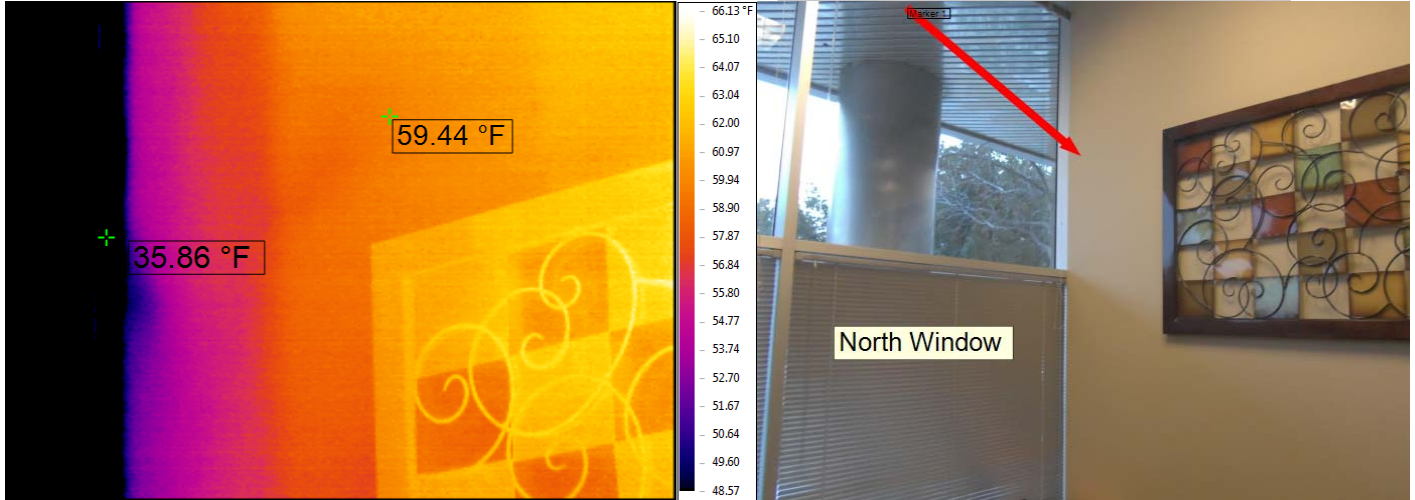
Relative Moisture: Barcode:

Asset ID: Condition:

IDN File: 5c2e70cc-62e5-480a-bb97-70d386ea91ed.idn

Severity:

Inspection#: 2	Problem#: 5
Prob Date&Time: 02/07/2014 13:27	
Area Length: 15	
Area Width: 2	
Total Area: 30	



Description: East Wall

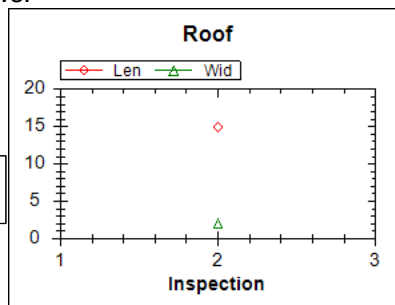
Note:

Probable Cause: Insulation deficiency in exterior wall, and around window. This office is adjacent to Office #2. (See images #1 and #2)

Recommendation: Insulate wall and seal windows.

Historical Sub Report

Insp.#	Prob.#	Date	Length	Width	Affected Area	Severity Code
2	5	02/07/2014	15	2	30	



Problem Status:	<input type="checkbox"/> Not repaired	<input type="checkbox"/> Repair made, but needs IR recheck	<input type="checkbox"/> Closed
Repair assigned to:	Repair target date:		
Repair assigned by:	Date:		
Repaired by:	Date:		
Type of defect found:			
Corrective action taken:			

Building Envelope Details Report

Site: Freeport Tower

Problem Status: OPEN 😞

Location: 1st Floor \ Suite 175 \ North Side

Equipment: Office 3 (NE Side)

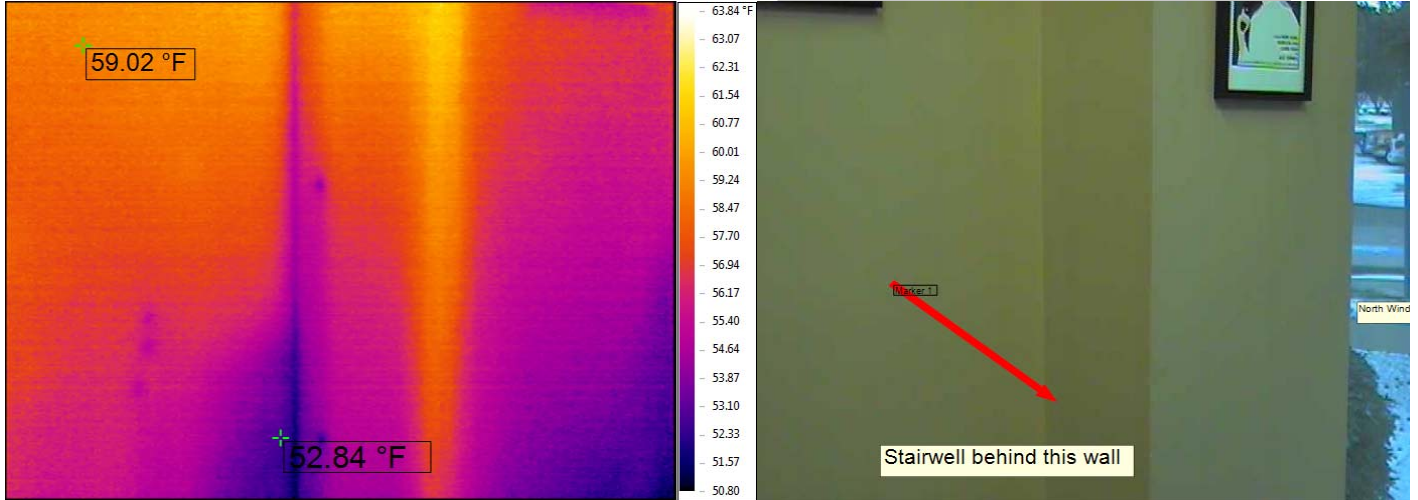
Relative Moisture: **Barcode:**

Asset ID: **Condition:**

IDN File: f45fb197-6127-4a9d-81eb-1bc9300af179.idn

Severity:

Inspection#: 2	Problem#: 6
Prob Date&Time: 02/07/2014 13:37	
Area Length: 15	
Area Width: 8	
Total Area: 120	



Description: West Wall

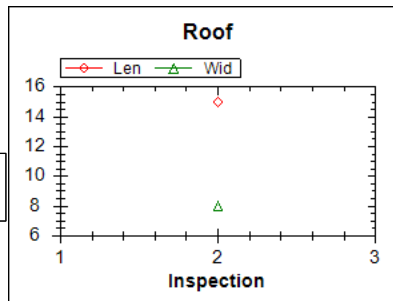
Note:

Probable Cause: Insulation deficiency in Stairwell Wall.

Recommendation: Insulate Wall.

Historical Sub Report

Insp.#	Prob.#	Date	Length	Width	Affected Area	Severity Code
2	6	02/07/2014	15	8	120	



Problem Status:	<input type="checkbox"/> Not repaired	<input type="checkbox"/> Repair made, but needs IR recheck	<input type="checkbox"/> Closed
Repair assigned to:	Repair target date:		
Repair assigned by:	Date:		
Repaired by:	Date:		
Type of defect found:			
Corrective action taken:			



Professional

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Association

Building Envelope Details Report

Site: Freeport Tower

Problem Status: OPEN 😞

Location: 1st Floor \ Suite 175 \ North Side

Equipment: Office 2 (2nd on left)

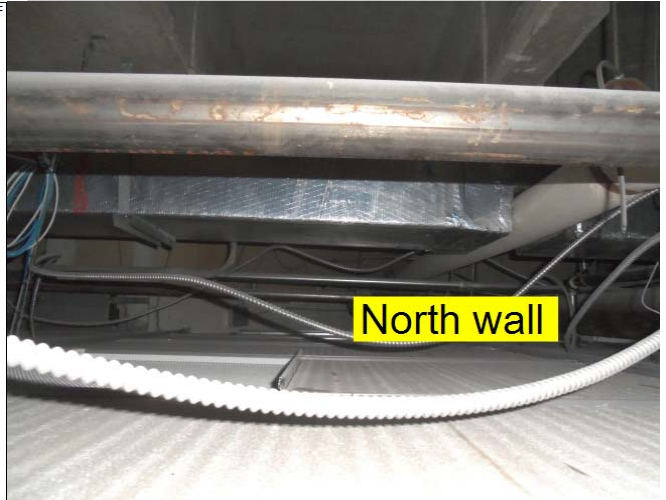
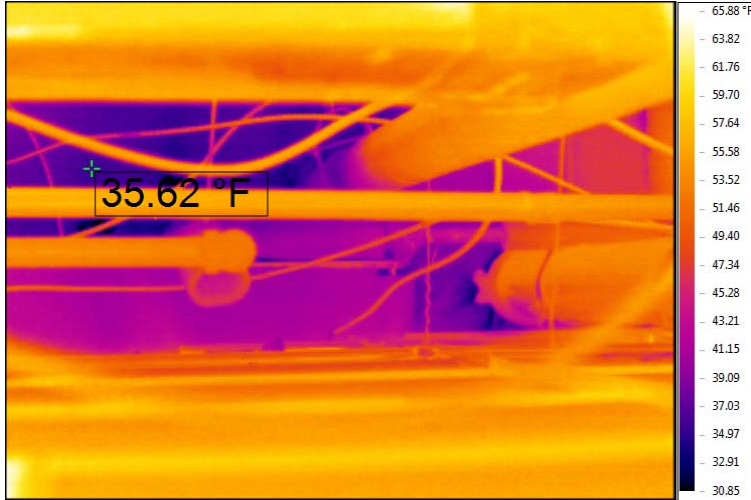
Relative Moisture: Barcode:

Asset ID: Condition:

IDN File: 2ef69bea-0074-4b14-9fe3-2d73f15e205d.idn

Severity:

Inspection#: 2	Problem#: 7
Prob Date&Time: 02/07/2014 13:43	
Area Length:	
Area Width:	
Total Area:	



Description: Fur Down (Above Ceiling tiles)

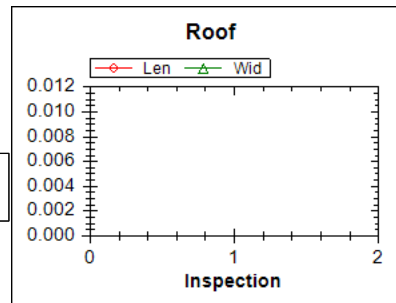
Note: For Reference Purposes only.

Probable Cause:

Recommendation:

Historical Sub Report

Insp.#	Prob.#	Date	Length	Width	Affected Area	Severity Code
2	7	02/07/2014				



Problem Status:	<input type="checkbox"/> Not repaired	<input type="checkbox"/> Repair made, but needs IR recheck	<input type="checkbox"/> Closed
Repair assigned to:	Repair target date:		
Repair assigned by:	Date:		
Repaired by:	Date:		
Type of defect found:			
Corrective action taken:			

