



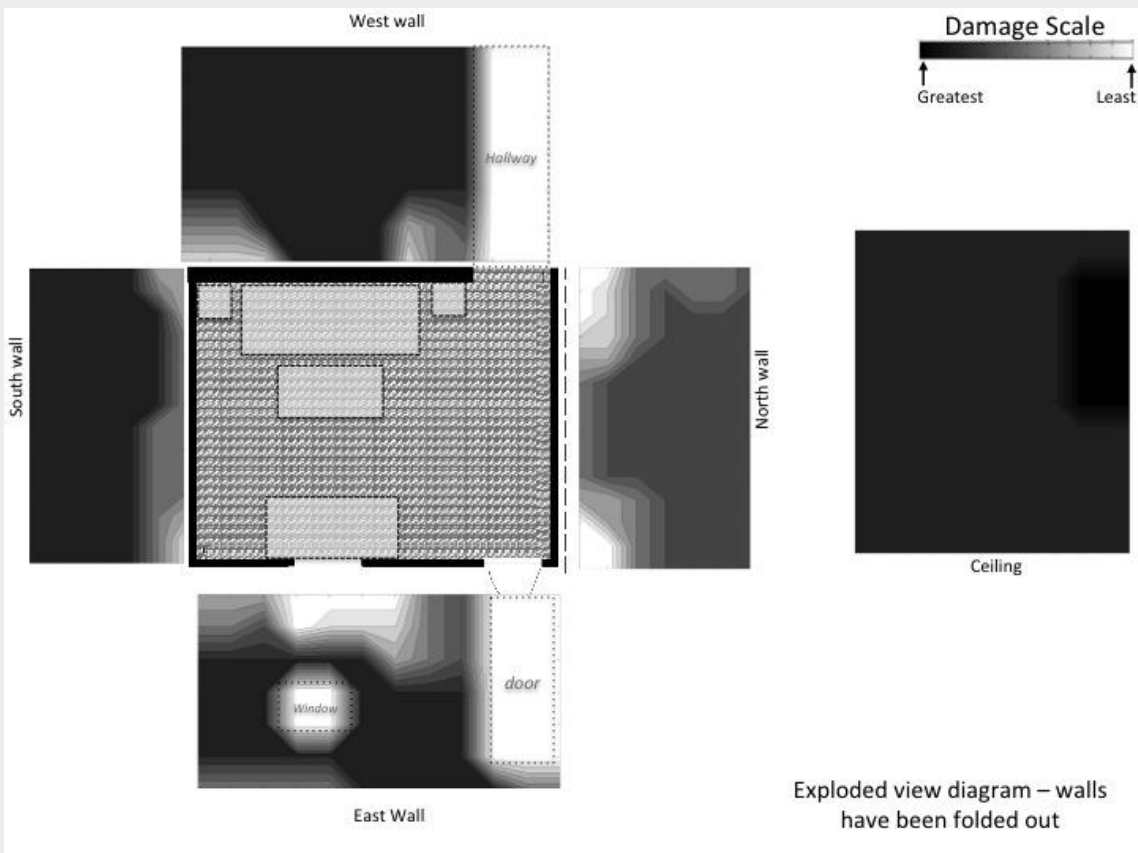
**DIRECTIONS:** There are a total of 32-sets of images that you will be shown. You will be asked to provide an area of origin determination for each set of images. You will first be asked to select the center of your area of origin and then asked to select the smallest area that encompasses your area of origin determination. At the very end of the survey, you will be asked a few methodological questions. I appreciate your attention and effort-thanks for participating!

### Block 32

#### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

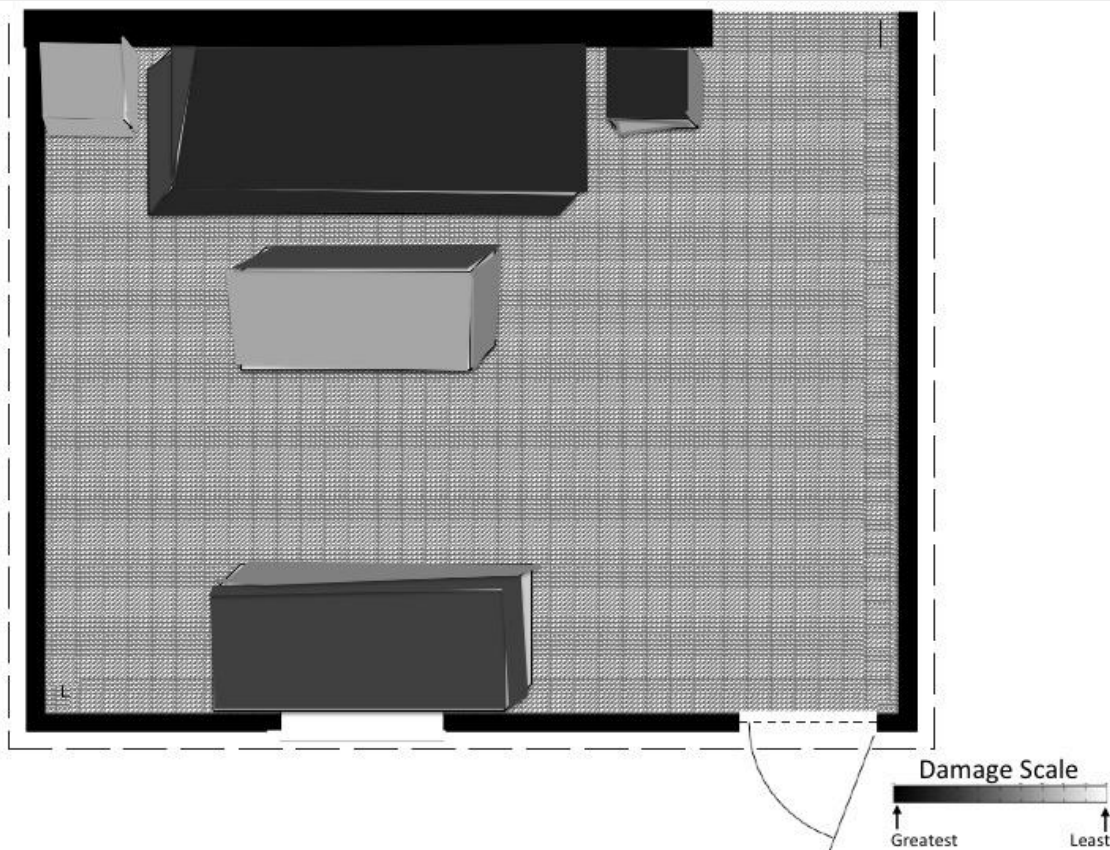
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



#### CONTOUR PLOTS OF DAMAGE - CONTENTS

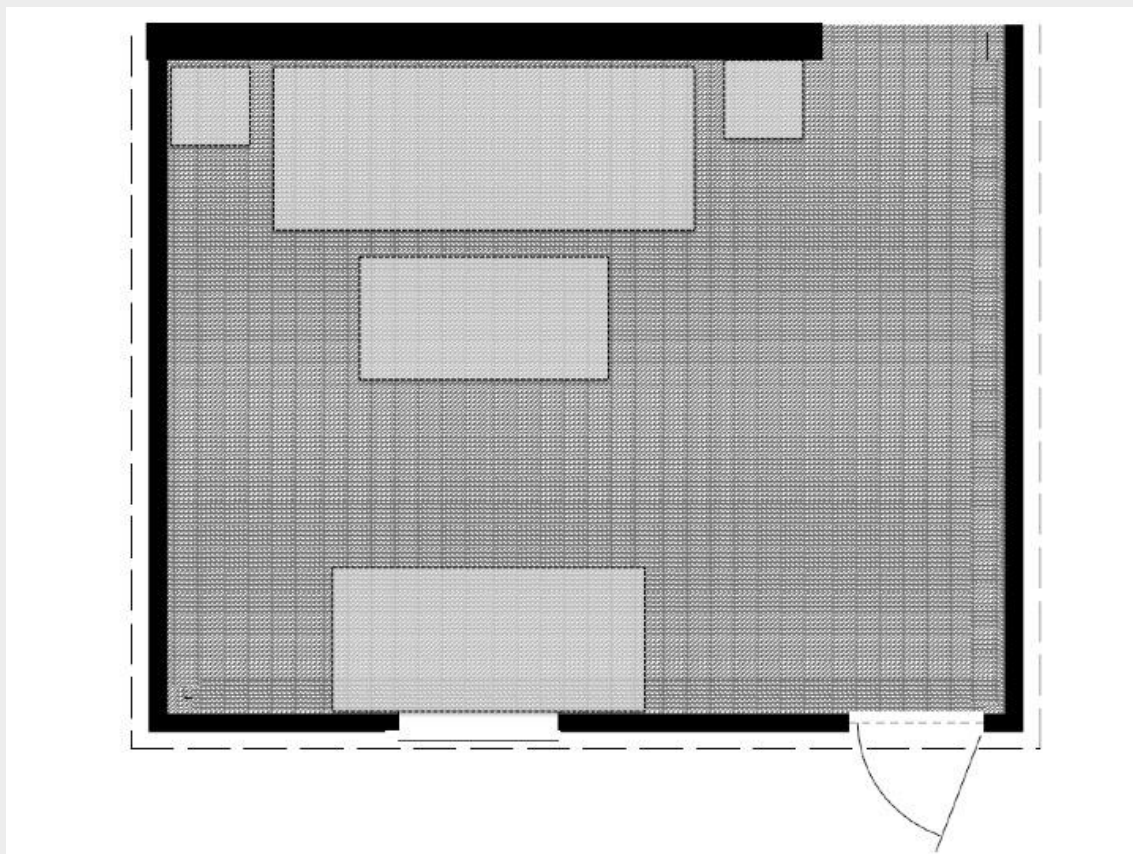
Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire

damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



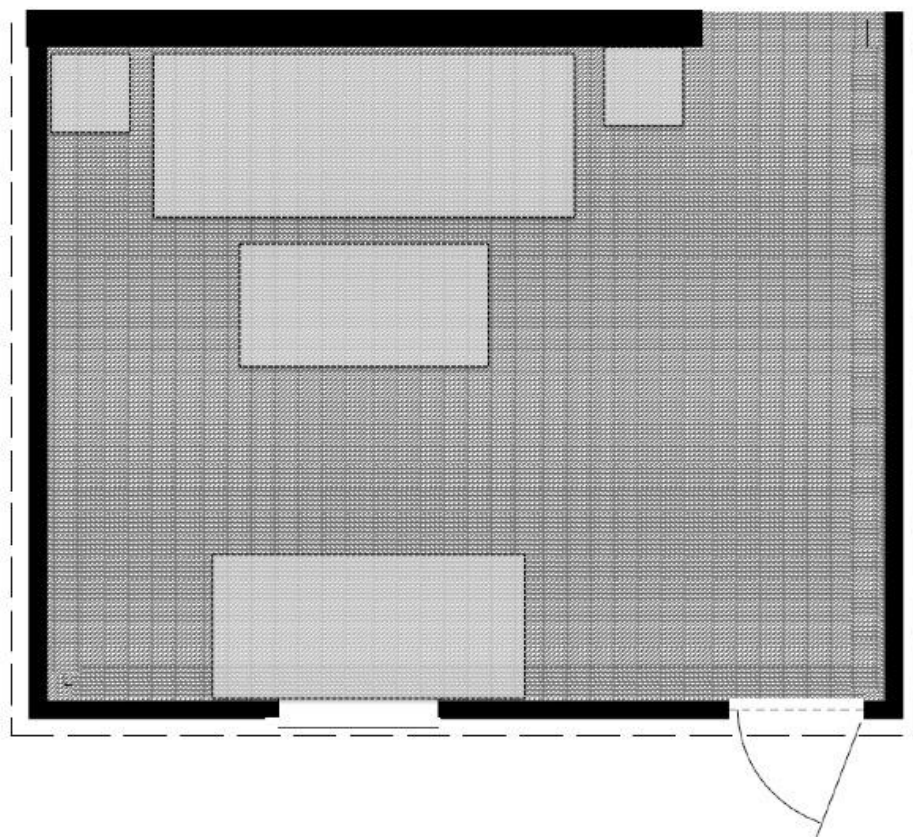
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



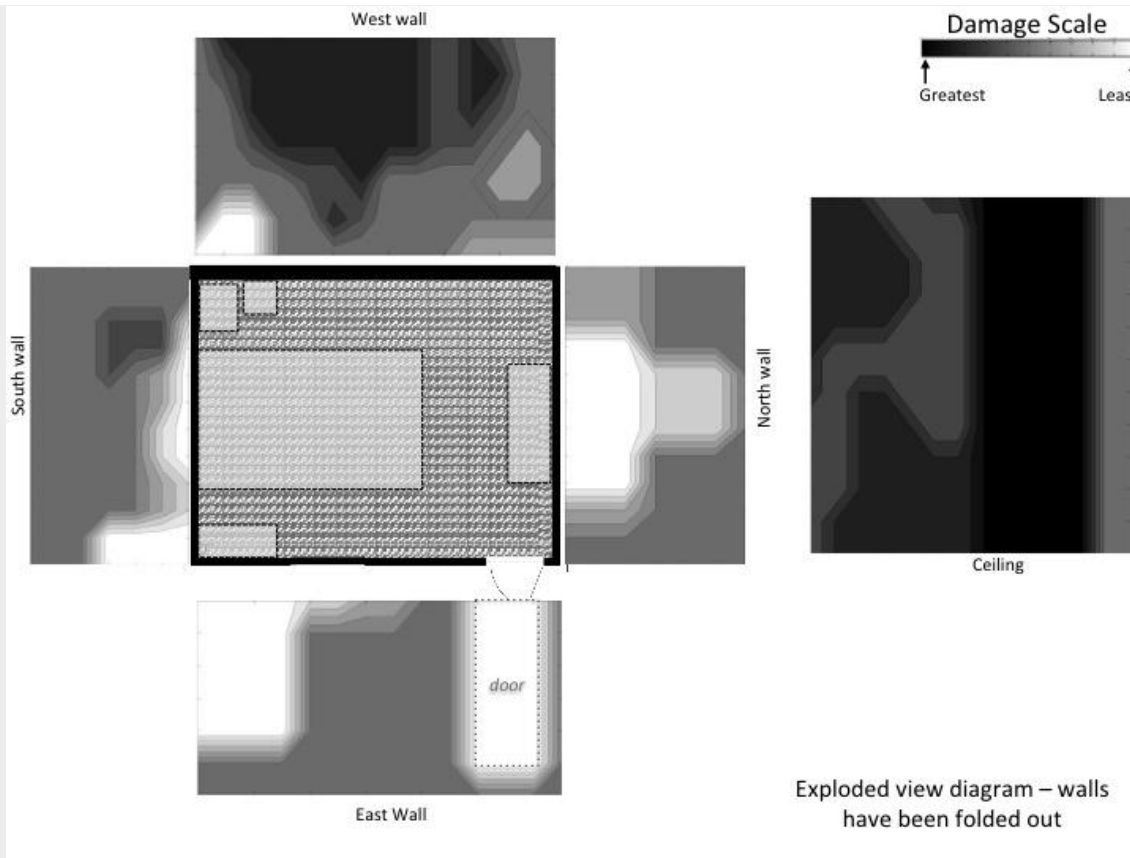
fiods

### Block 31

#### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

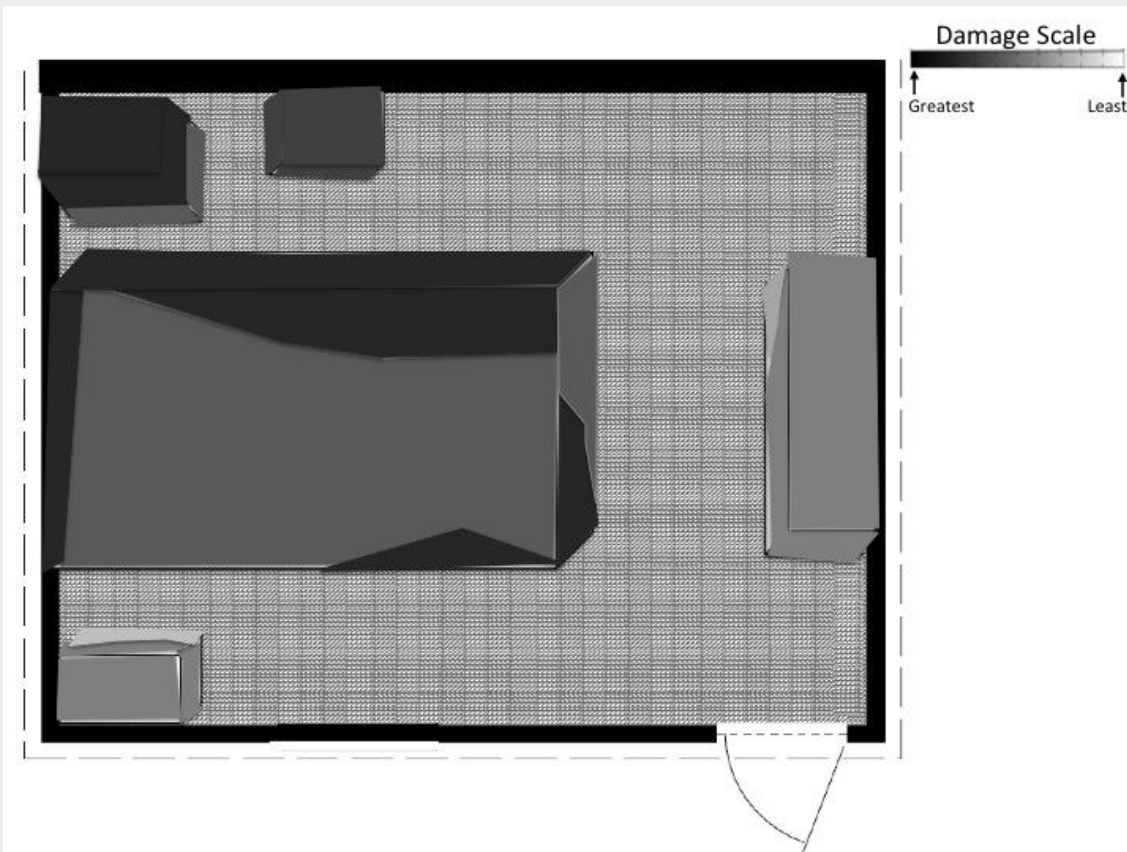
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



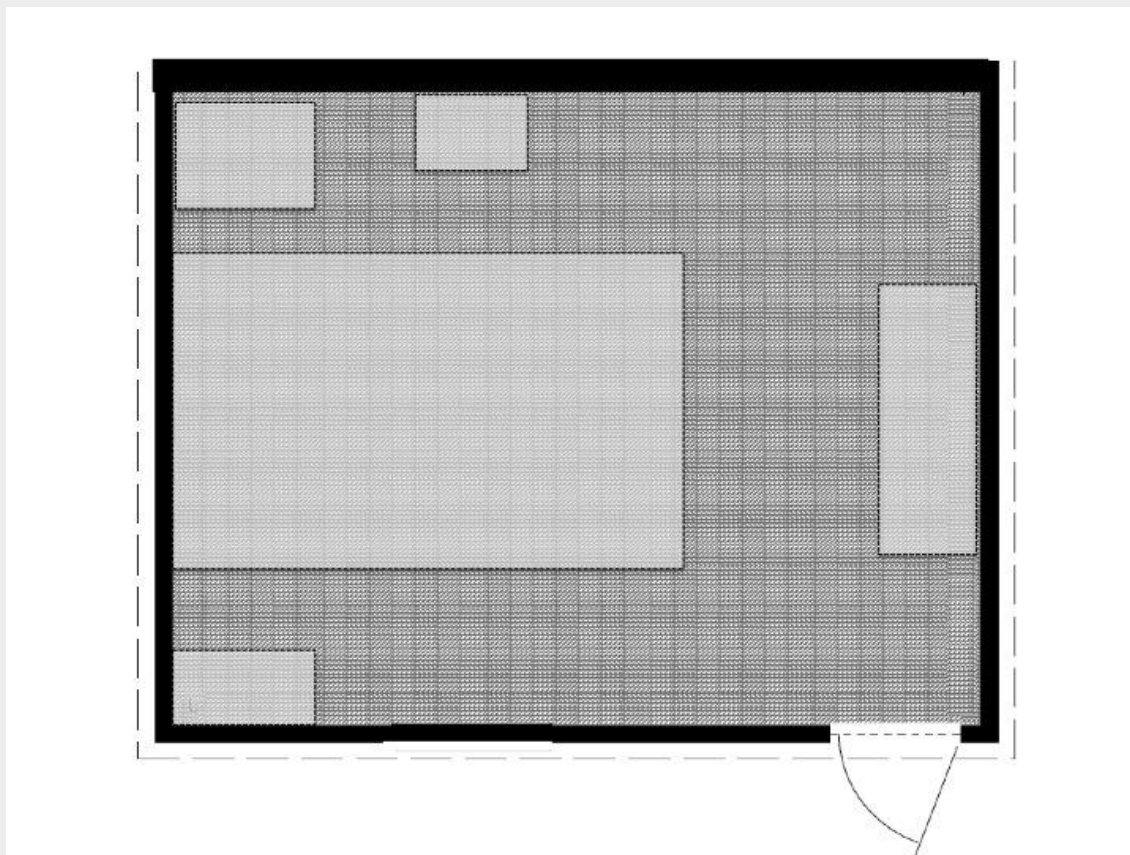
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



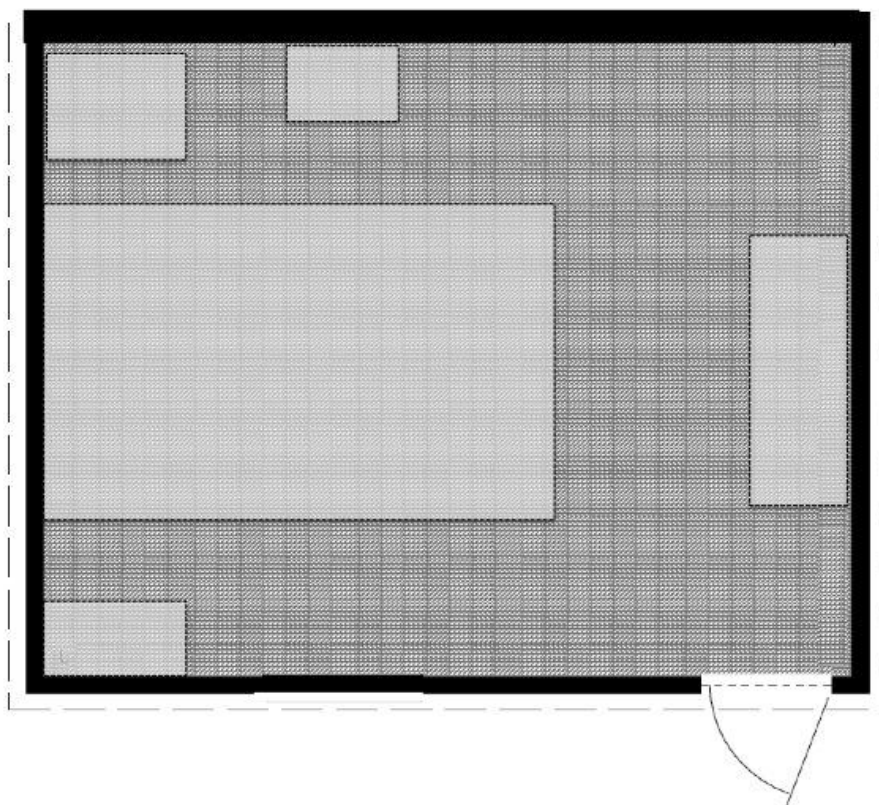
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

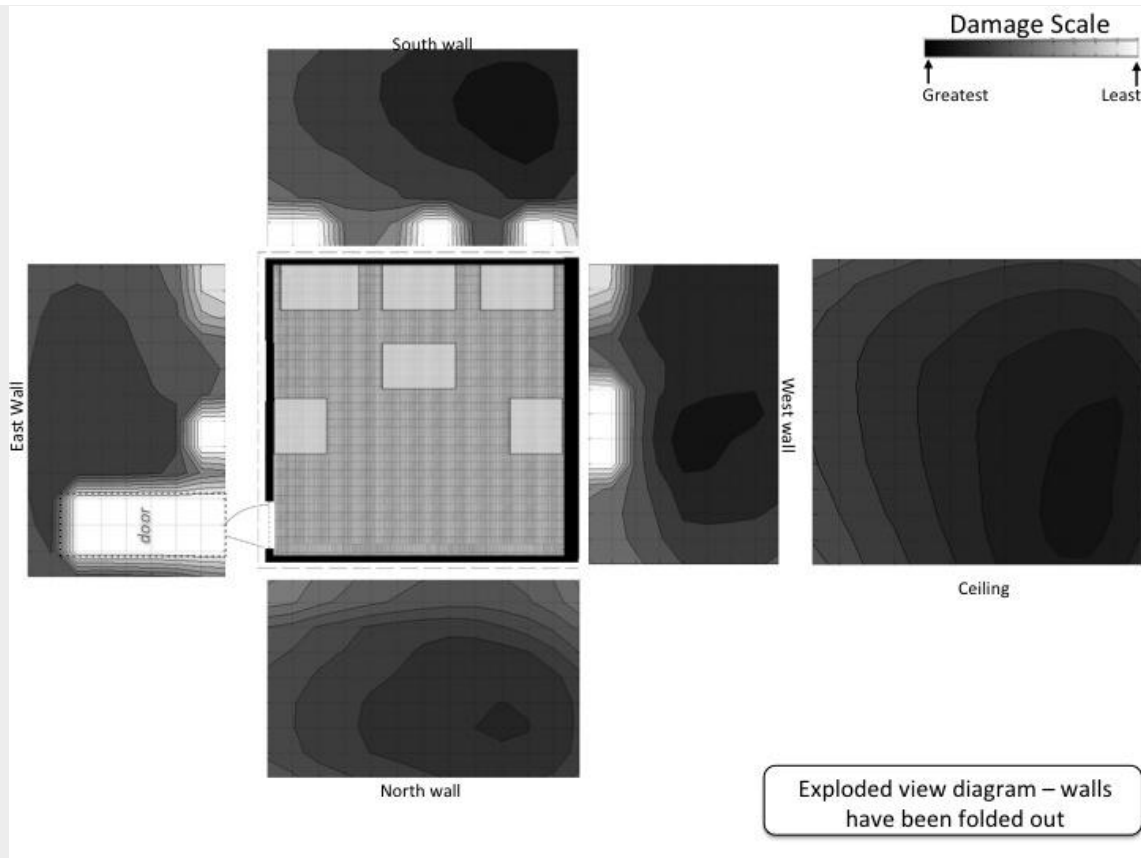


atf

**Block 30****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

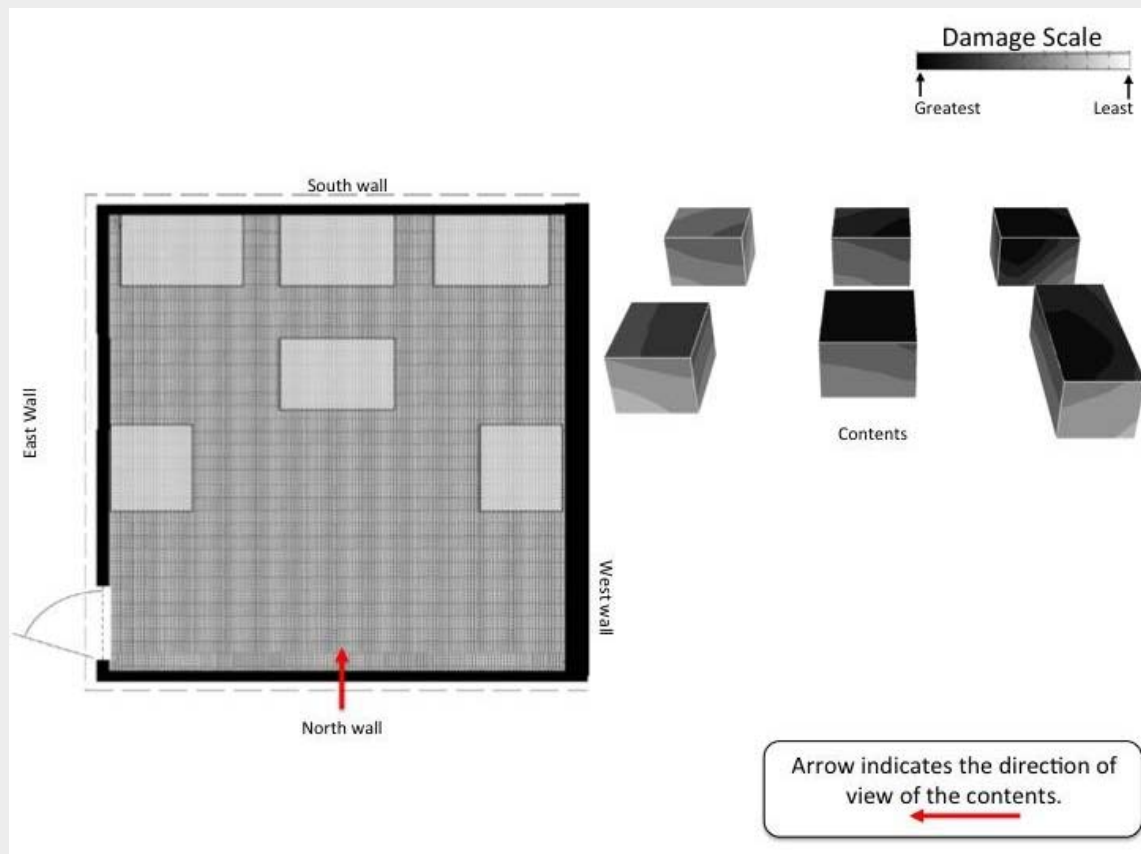
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



### CONTOUR PLOTS OF DAMAGE - CONTENTS

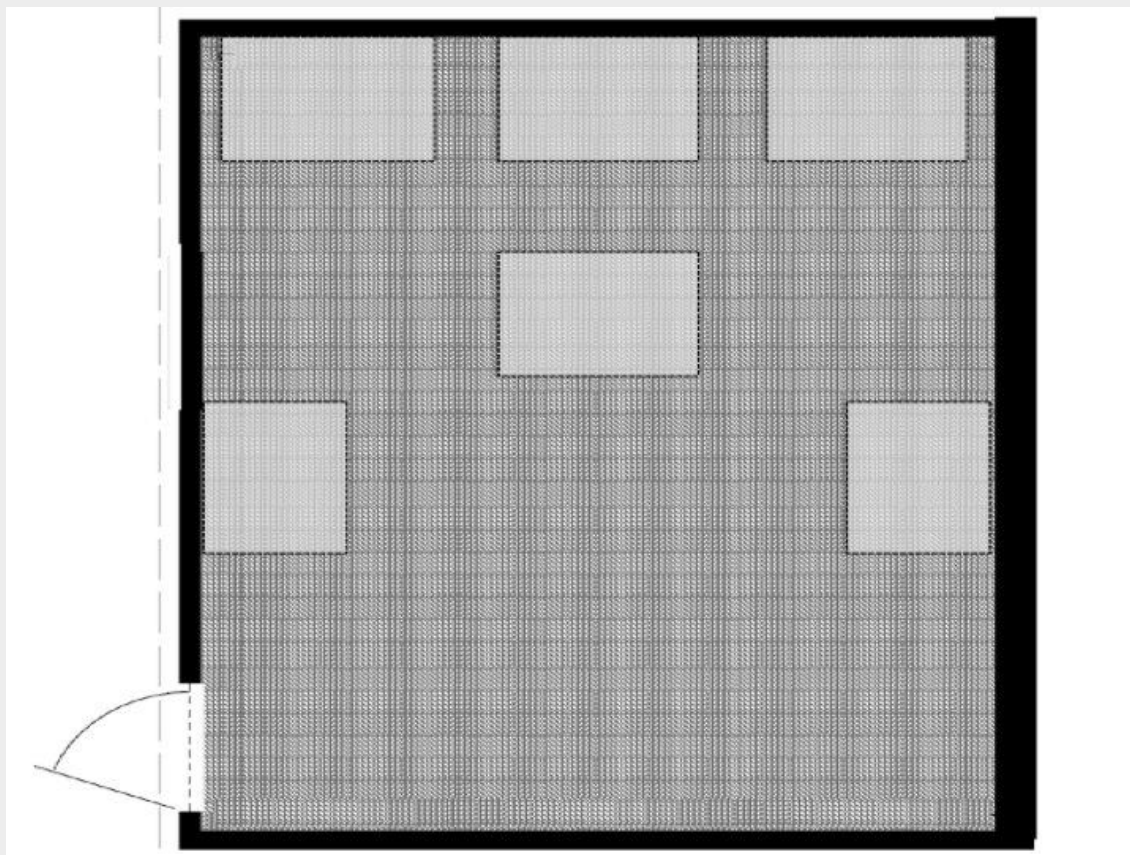
Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.





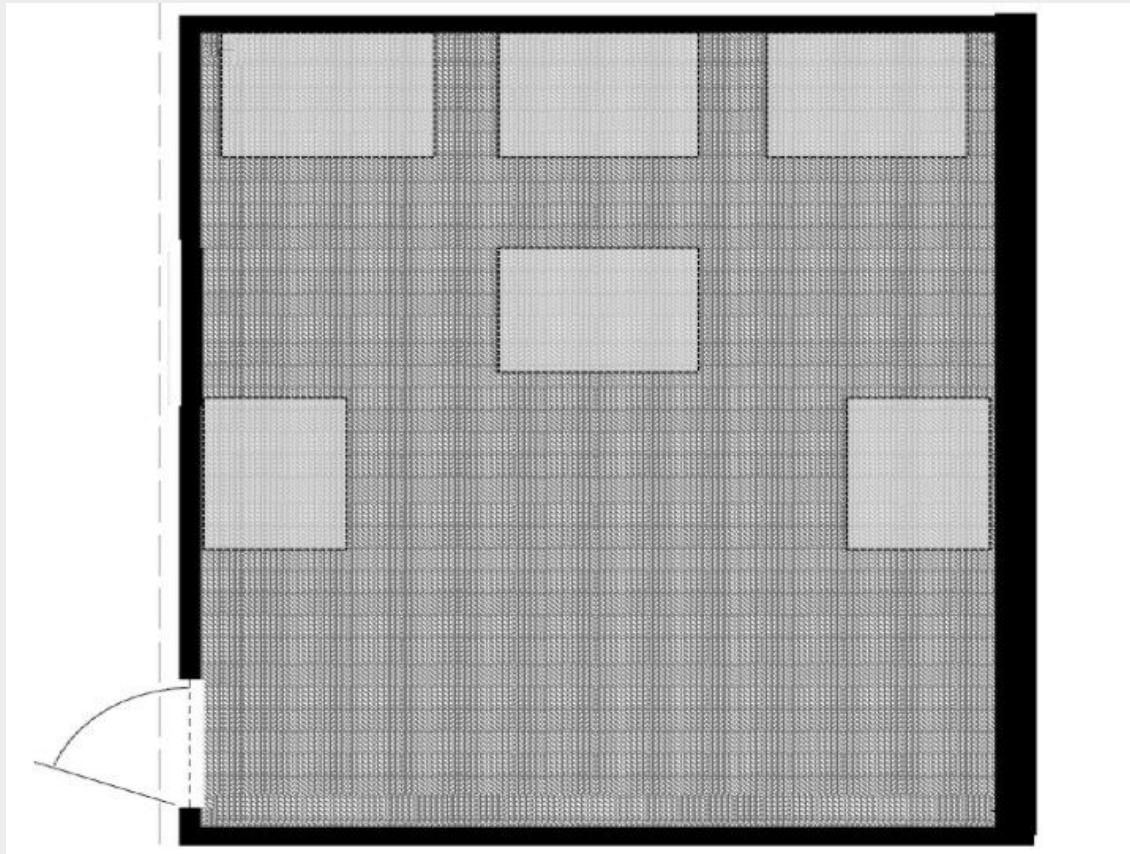
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



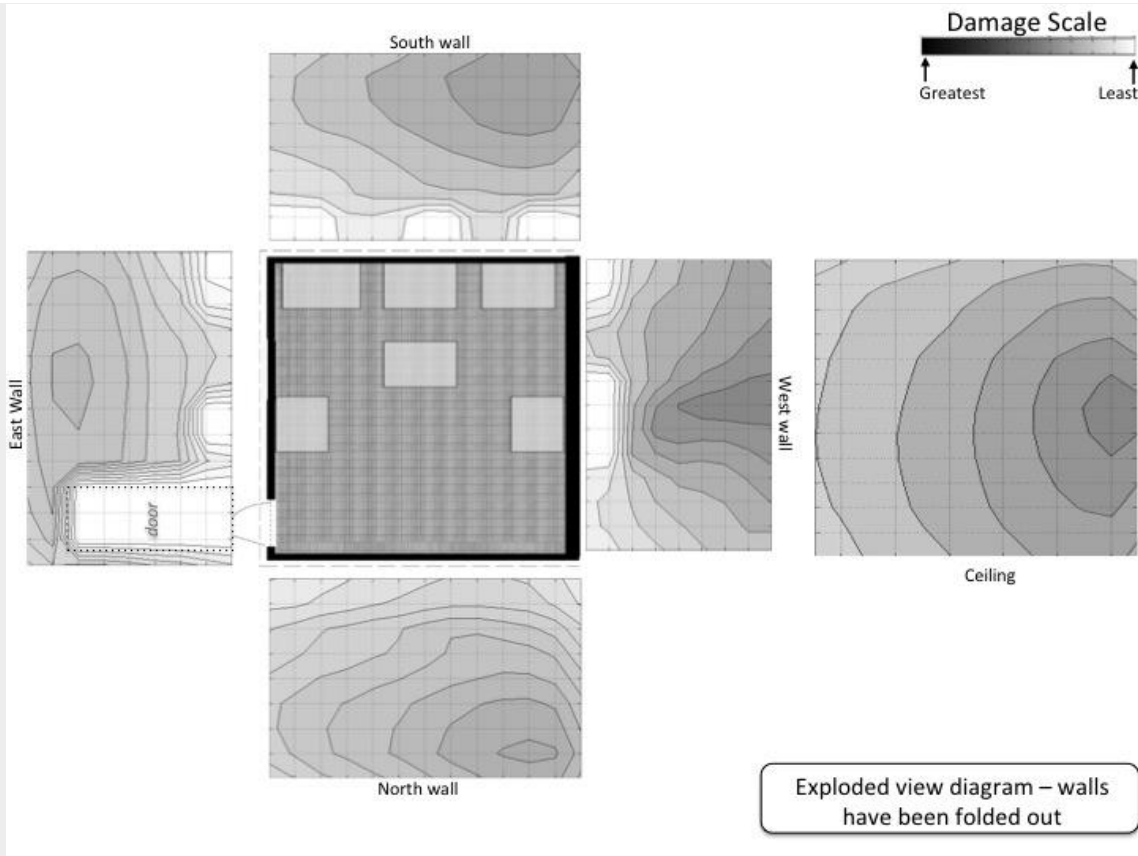
FP6, 4000, 900

### Block 29

#### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

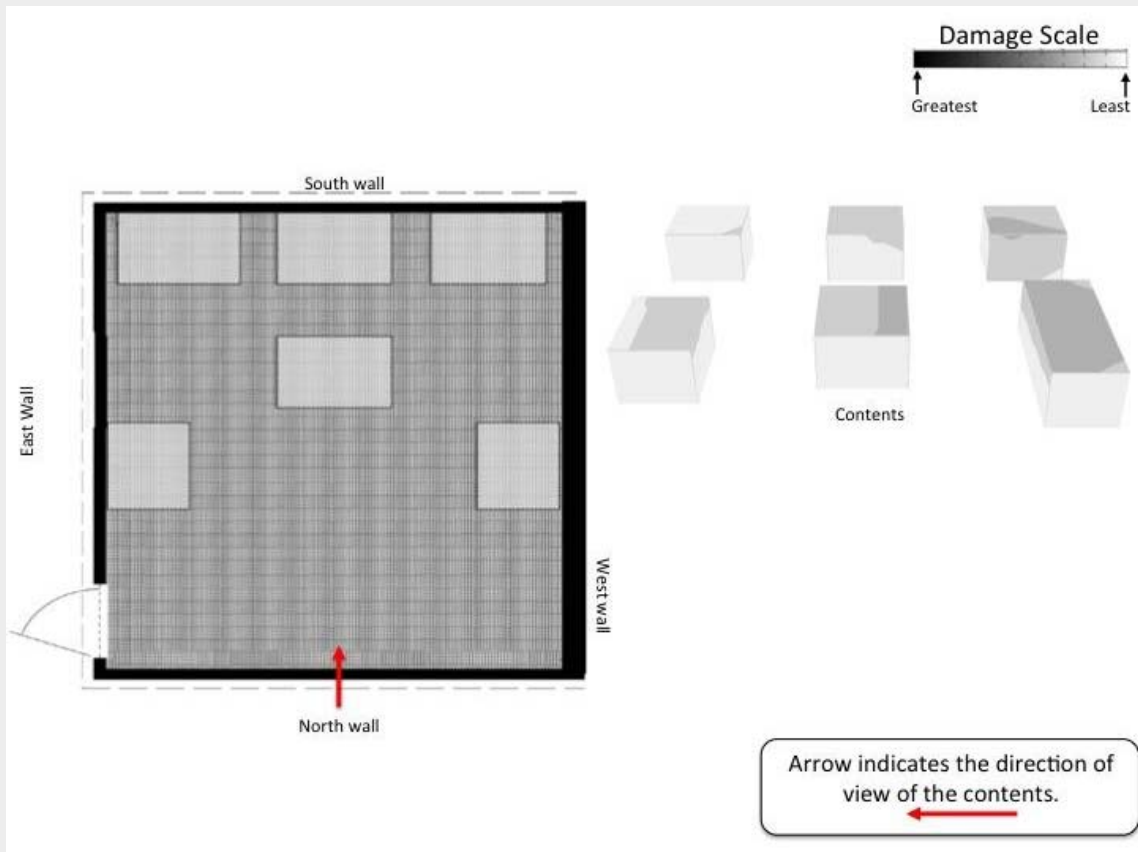
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



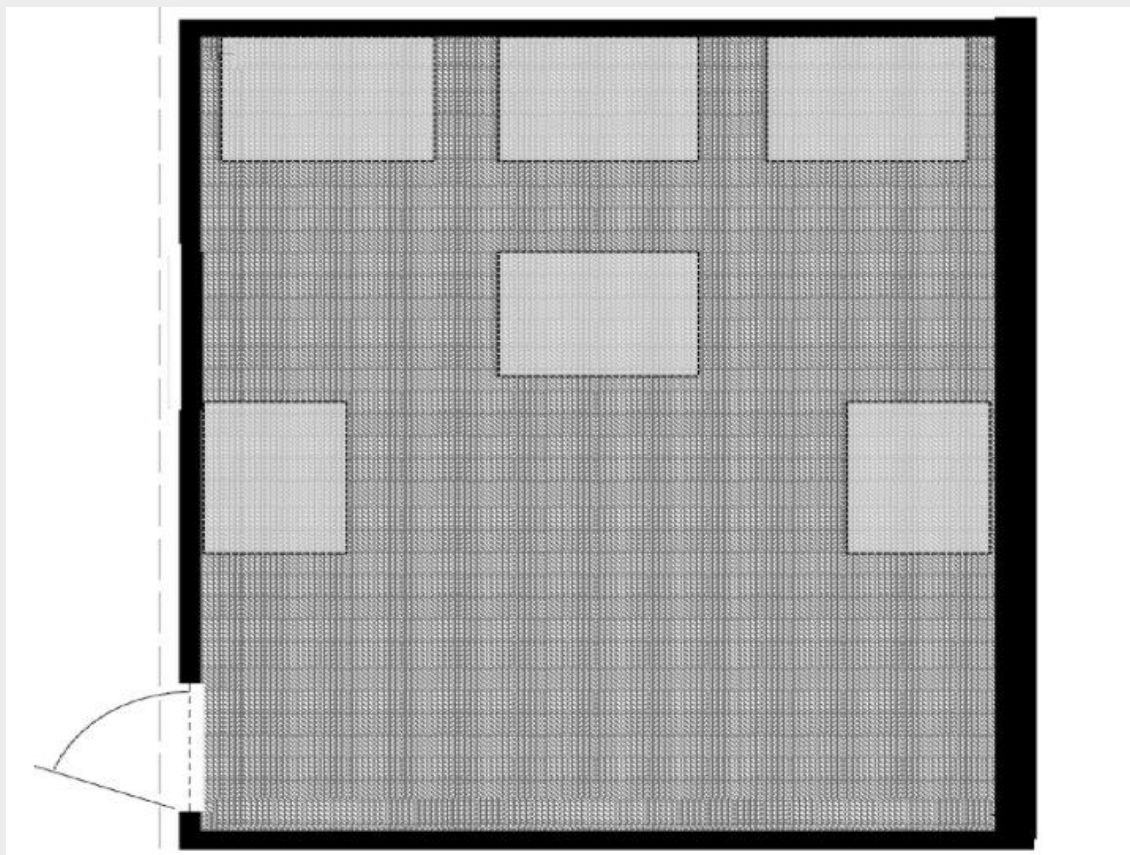
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



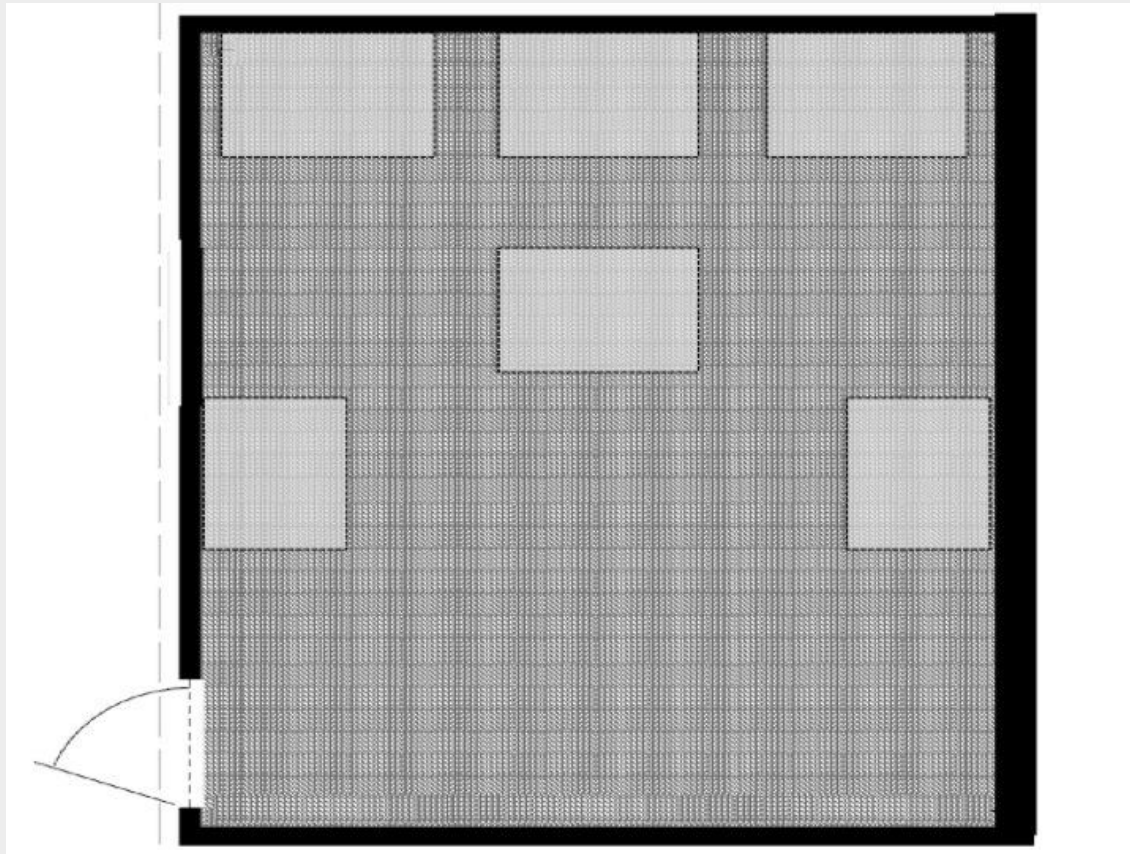
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



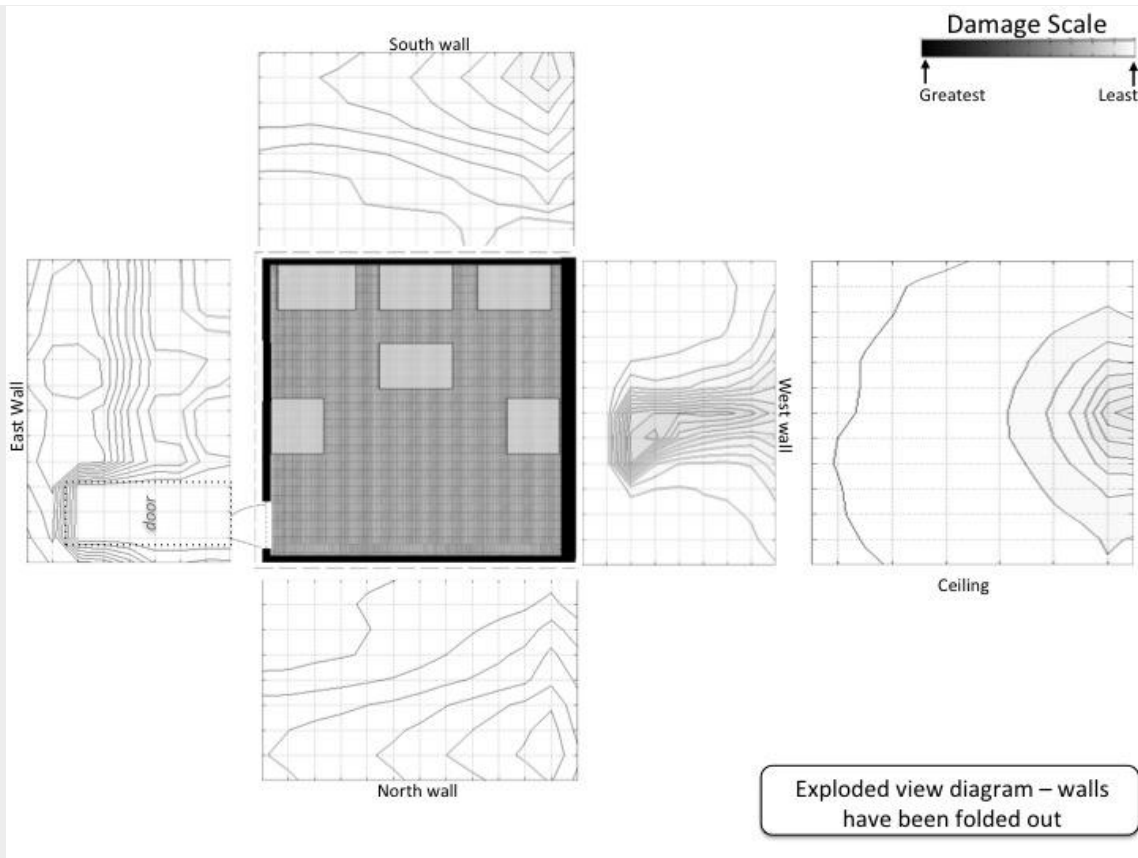
FP6, 4000, 360

### Block 28

#### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

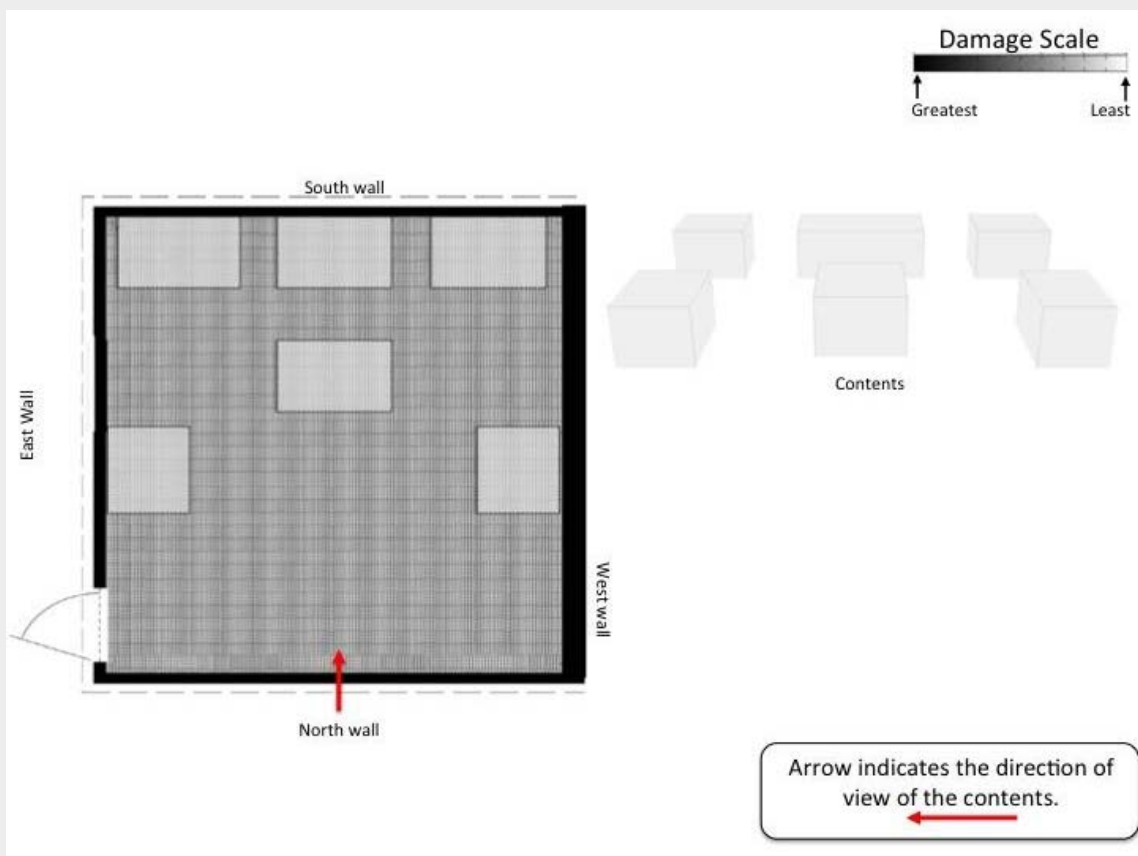
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



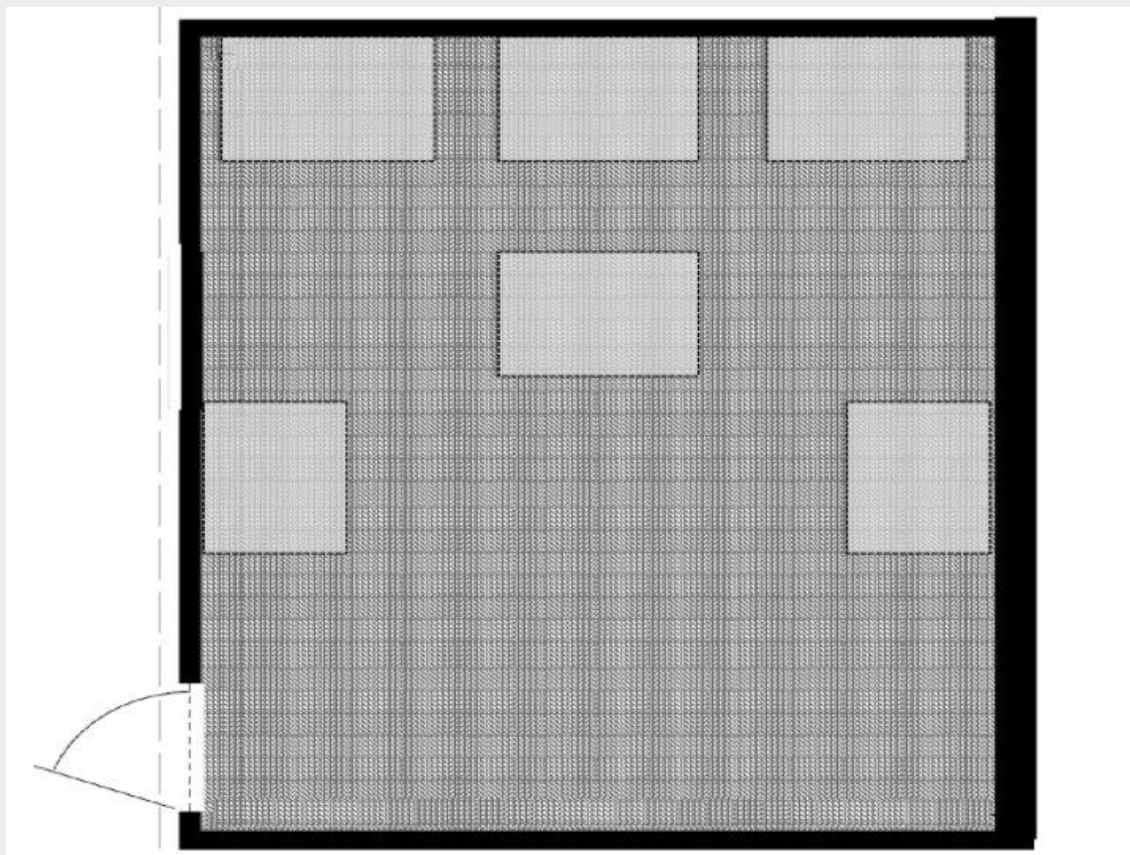
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



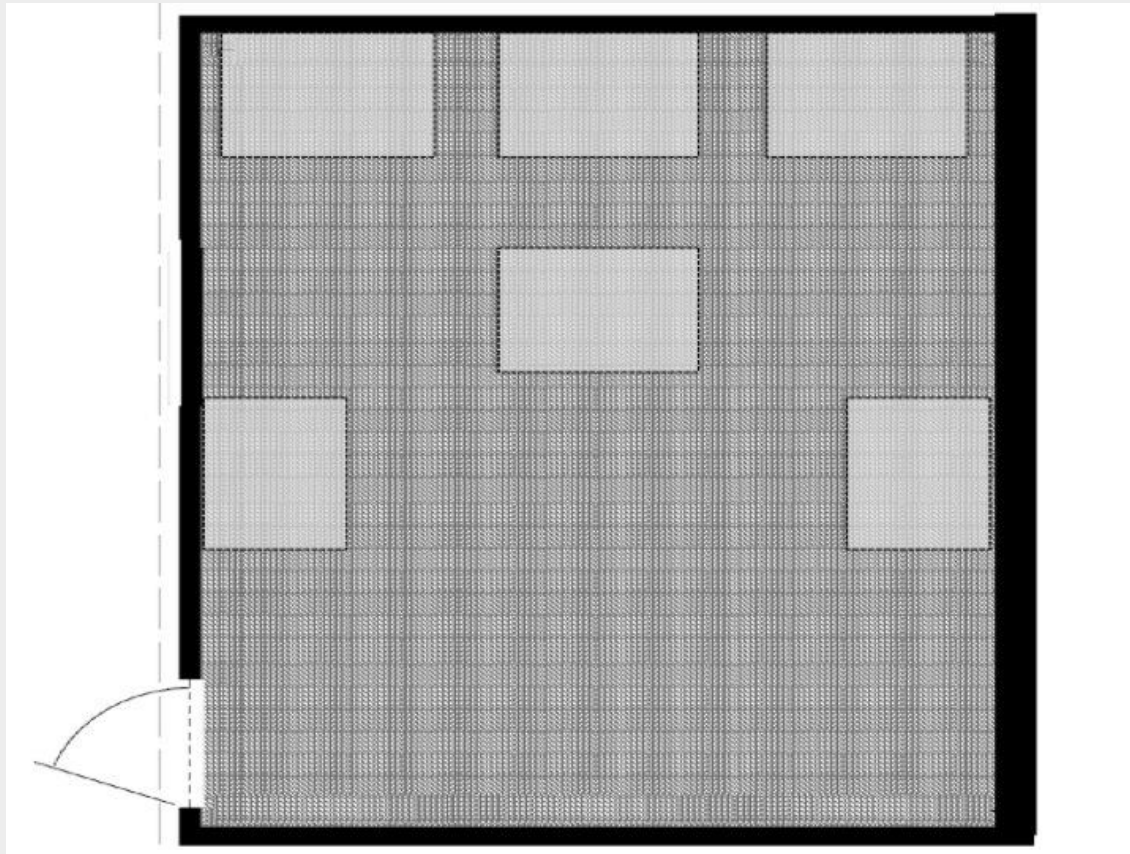
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



FP6, 4000, 120

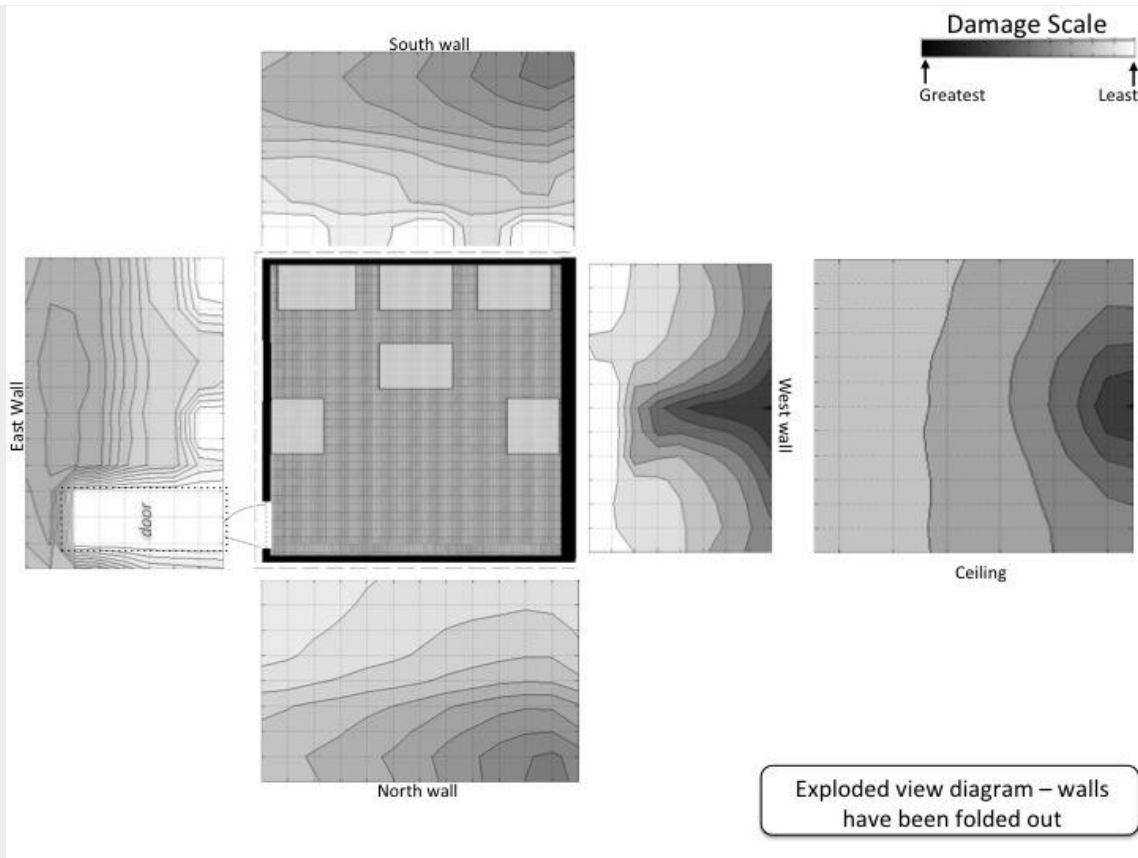
#### Block 27

#### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

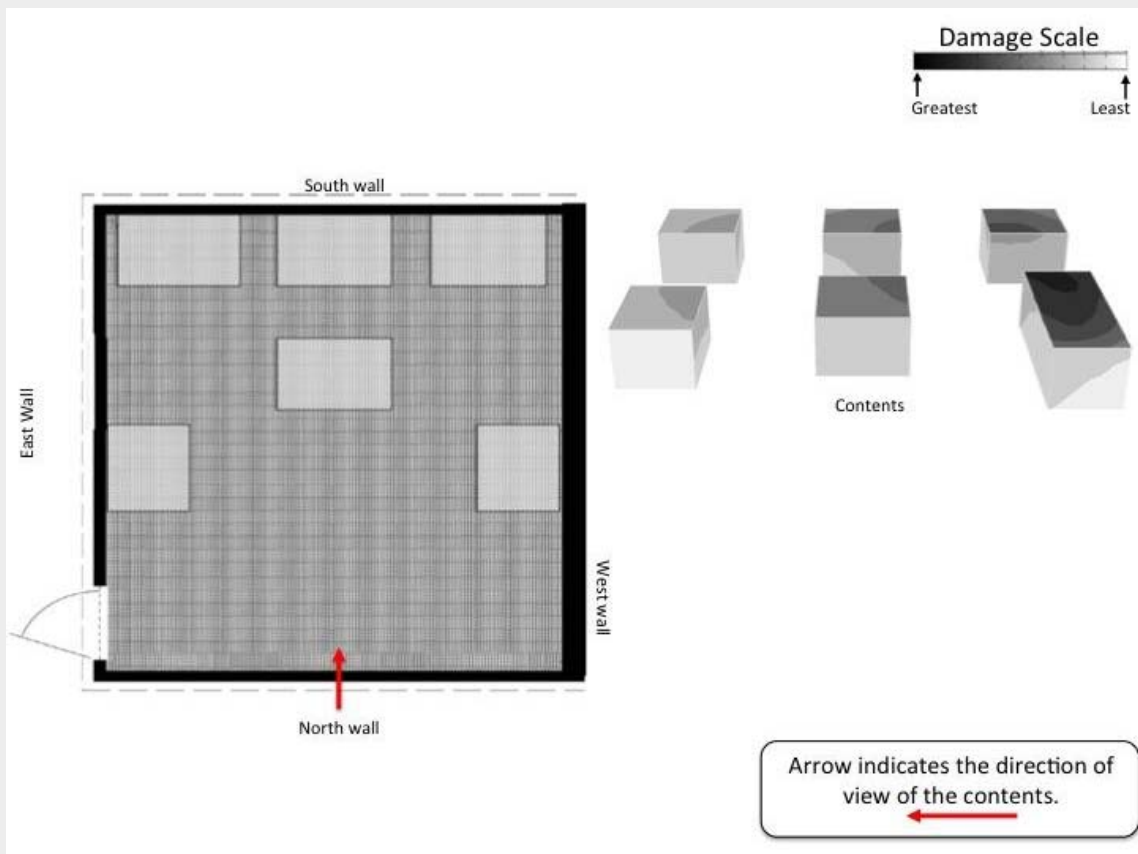
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.





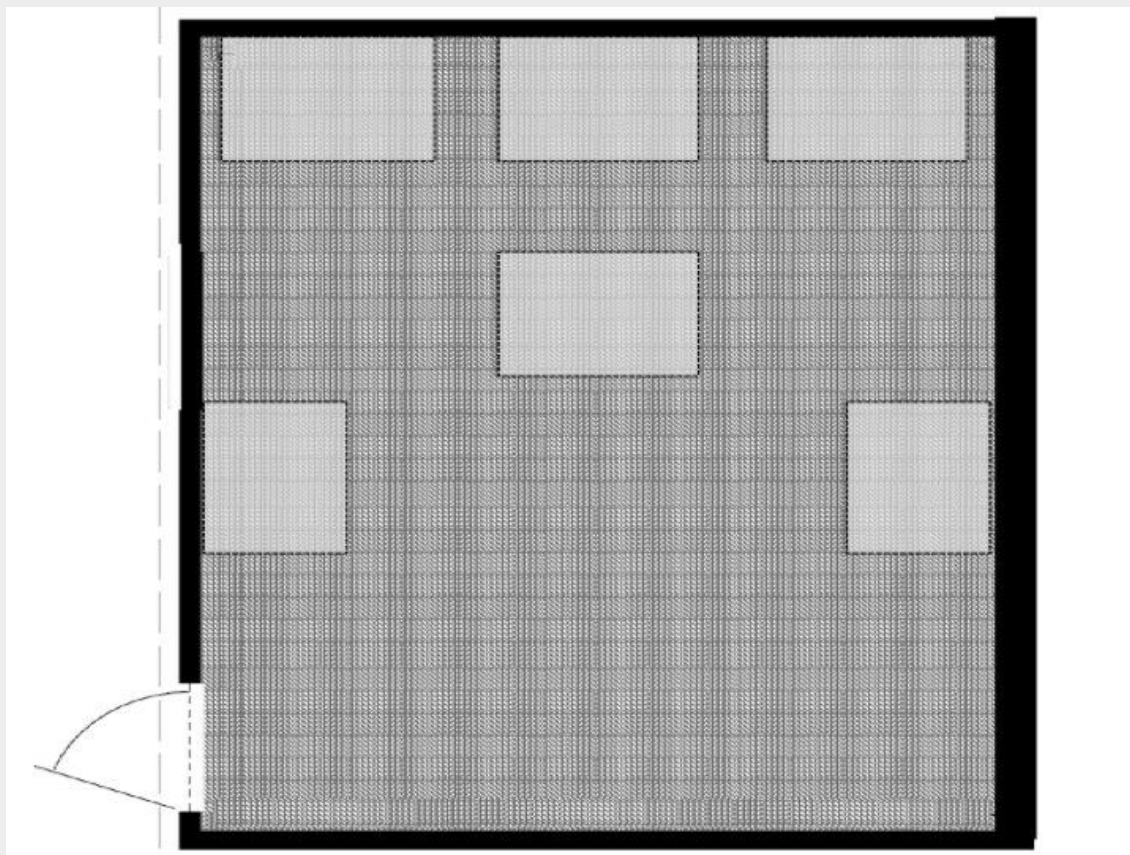
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



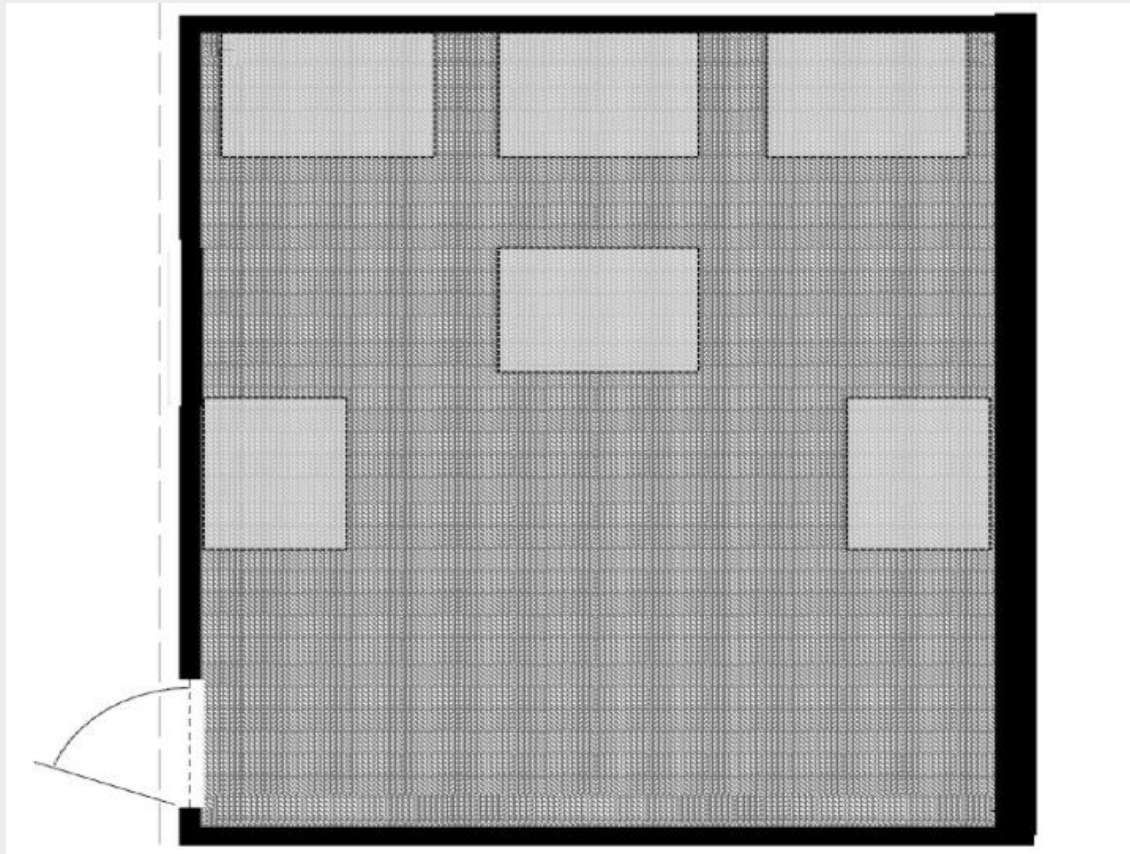
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



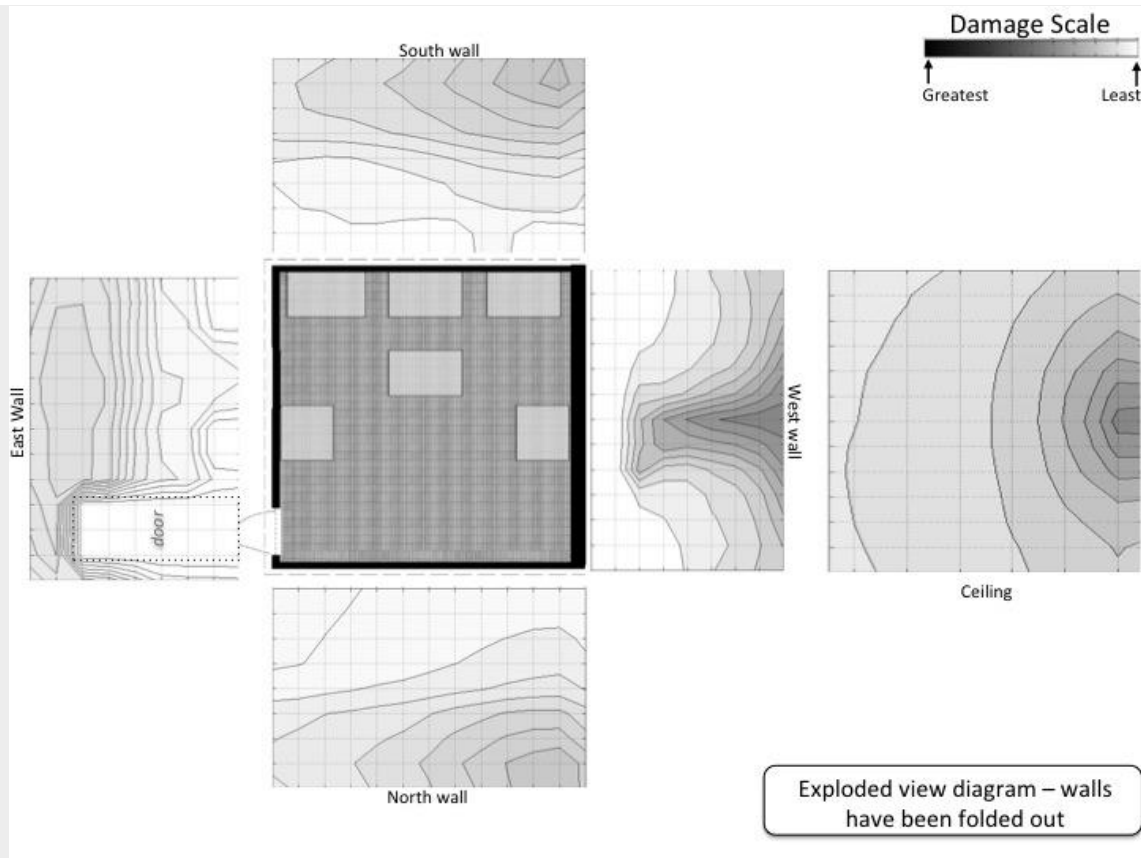
FP6, 1500, 900

#### Block 26

#### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

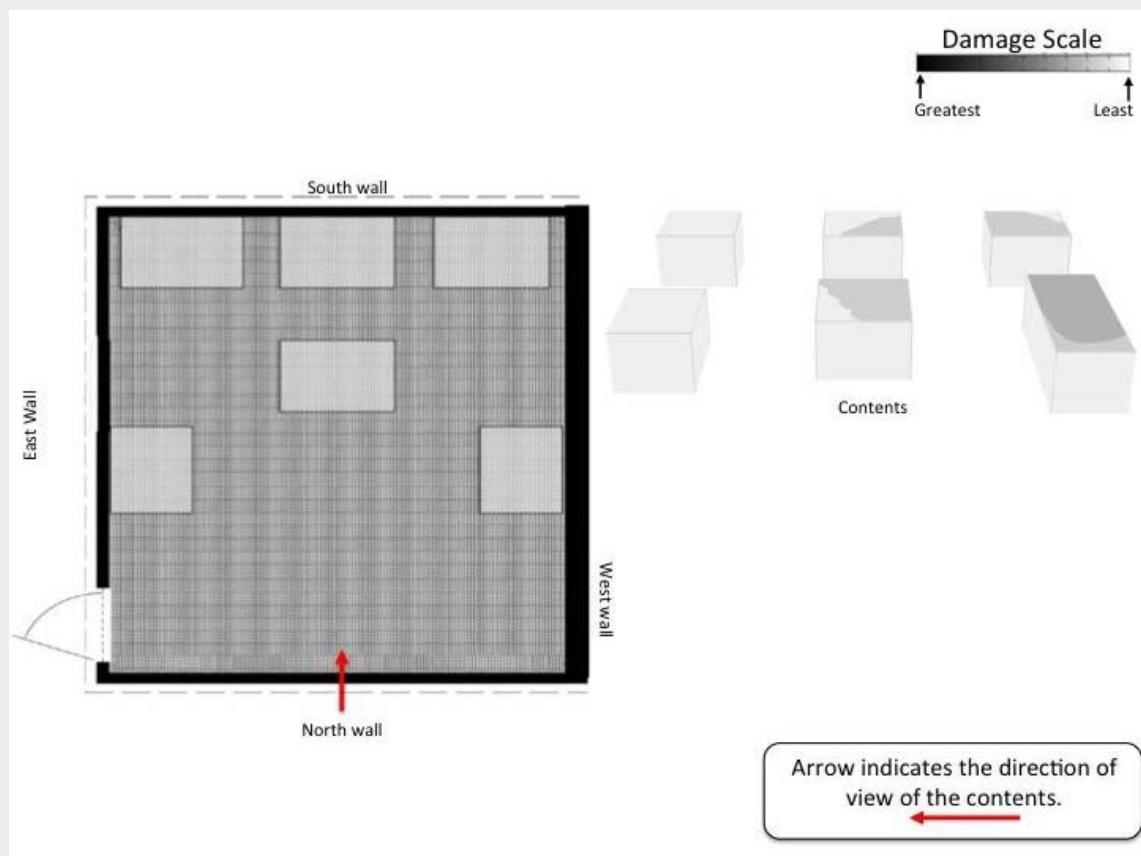
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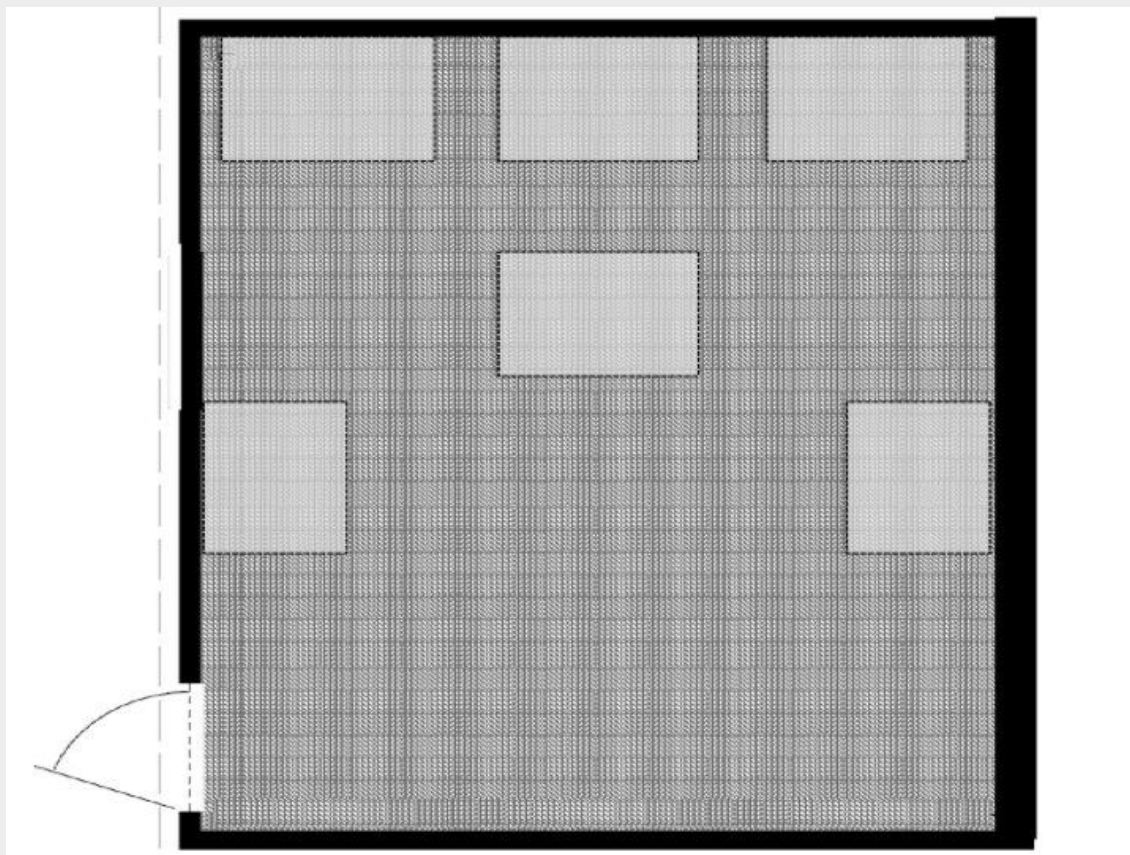
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



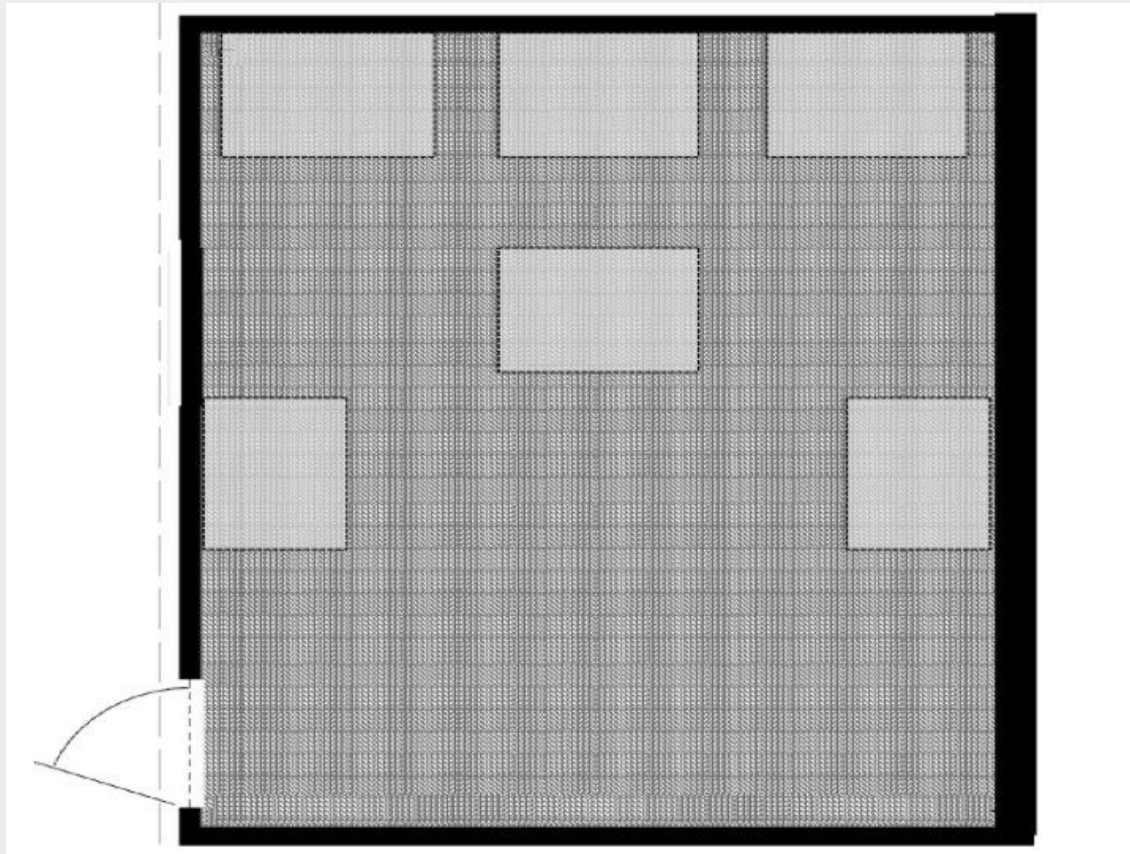
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



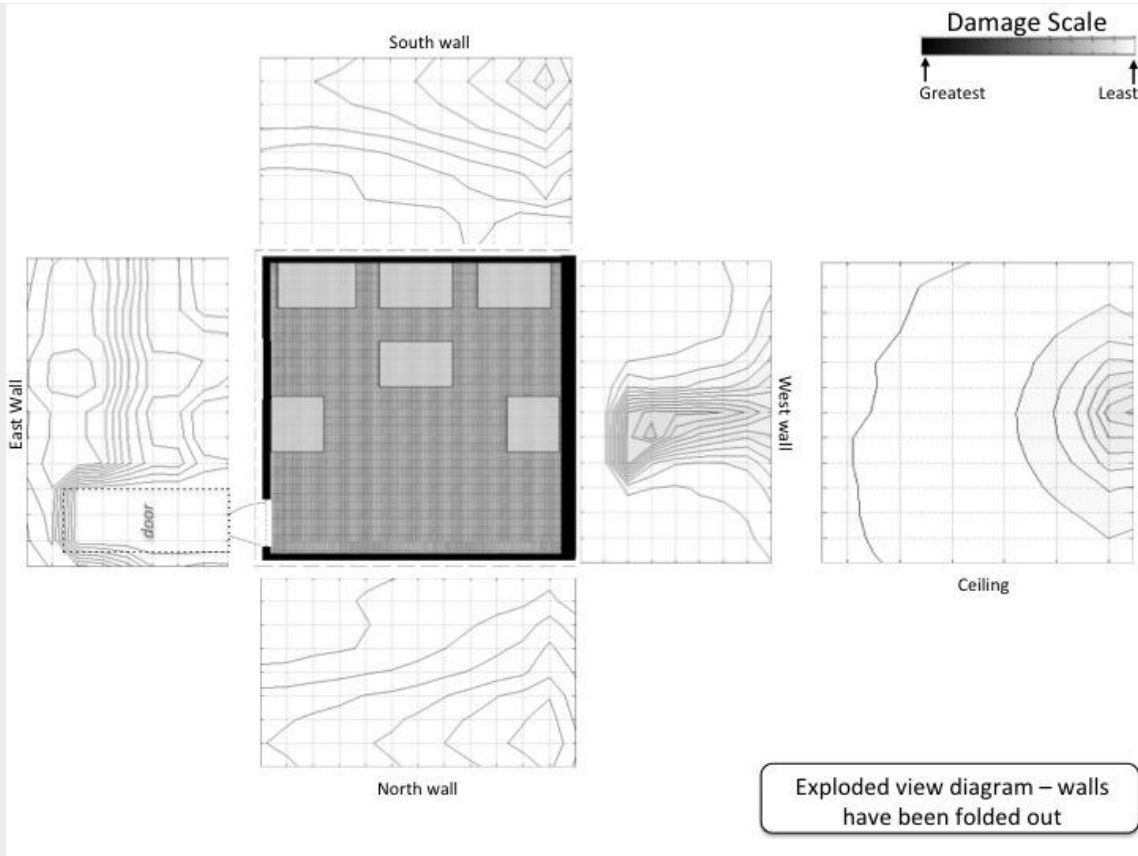
FP6, 1500, 360

#### Block 25

#### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

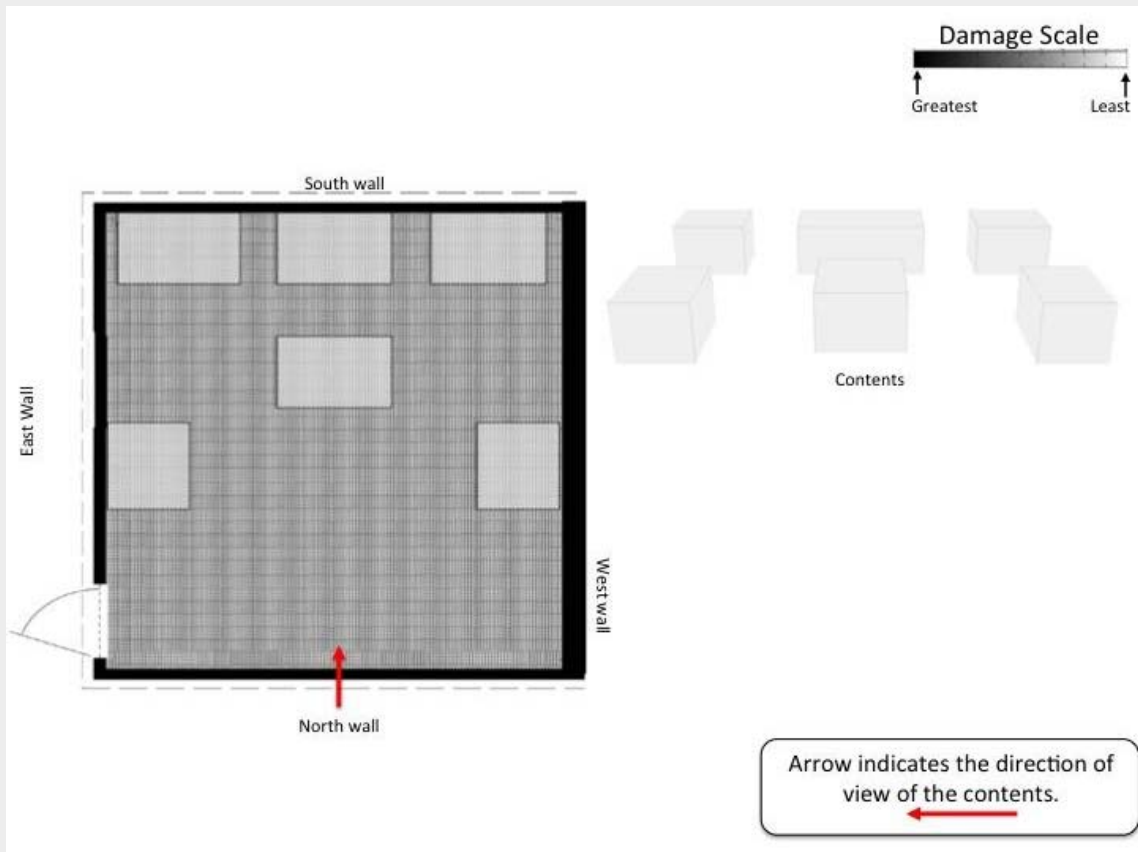
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\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



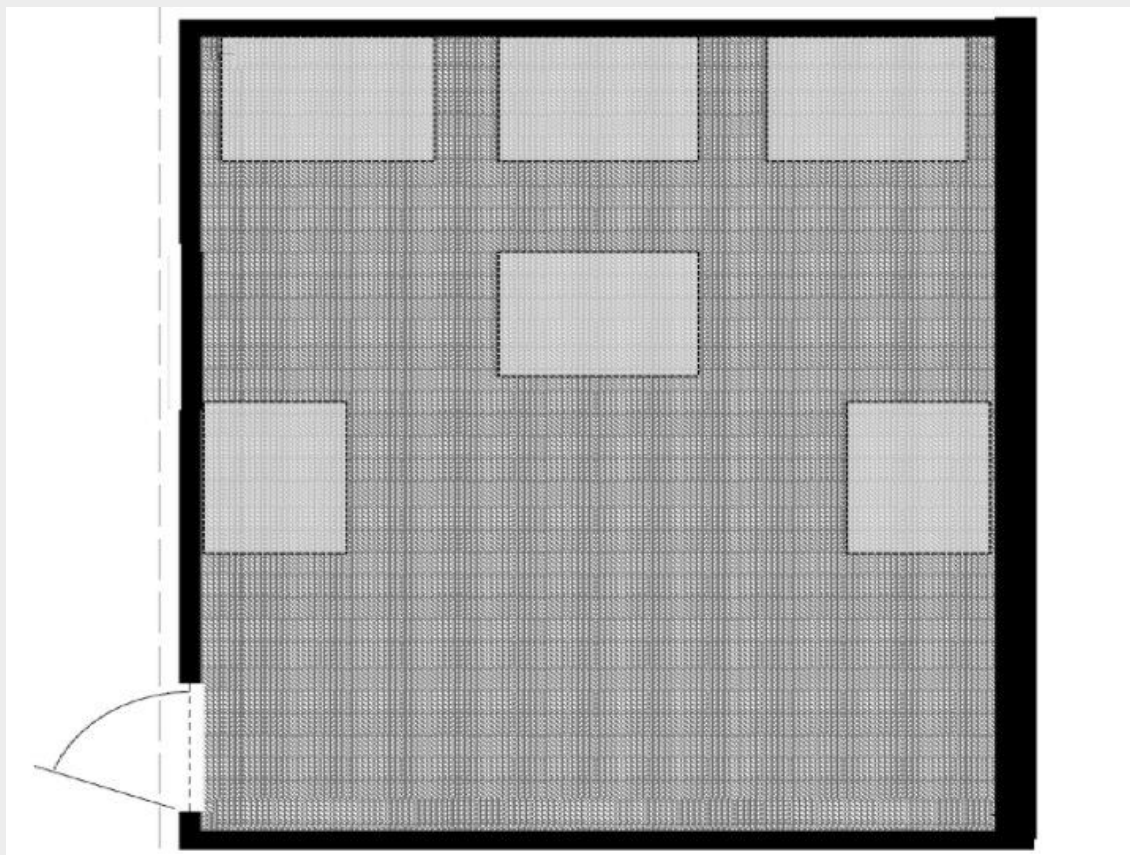
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



**Center of the Area of Origin Determination**

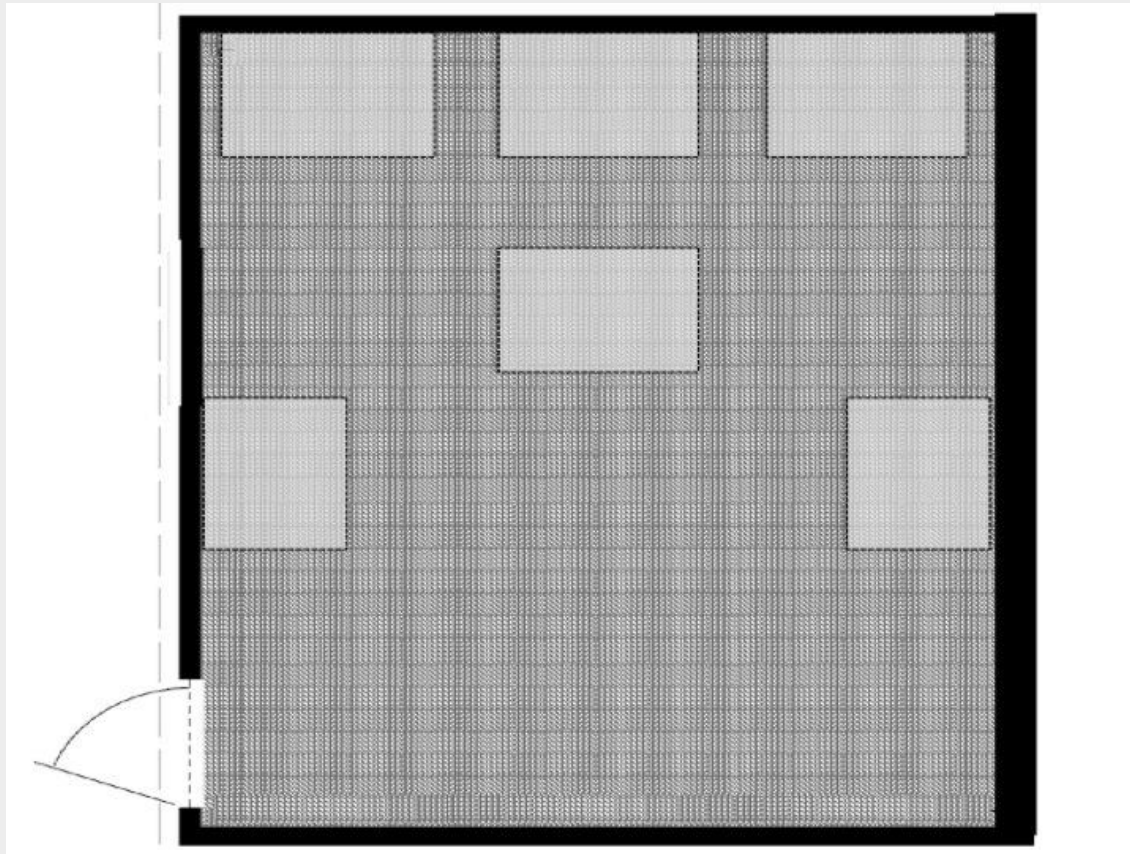
Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.





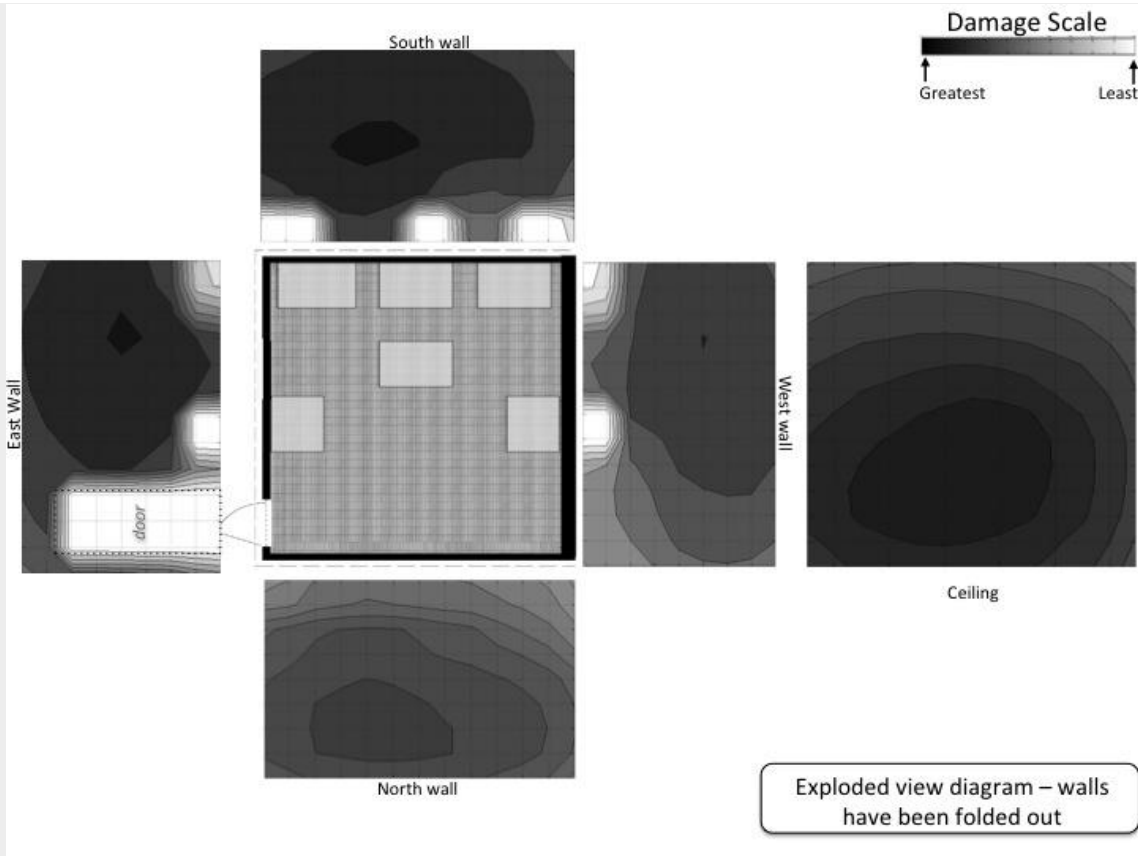
FP6, 1500, 120

#### Block 24

##### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

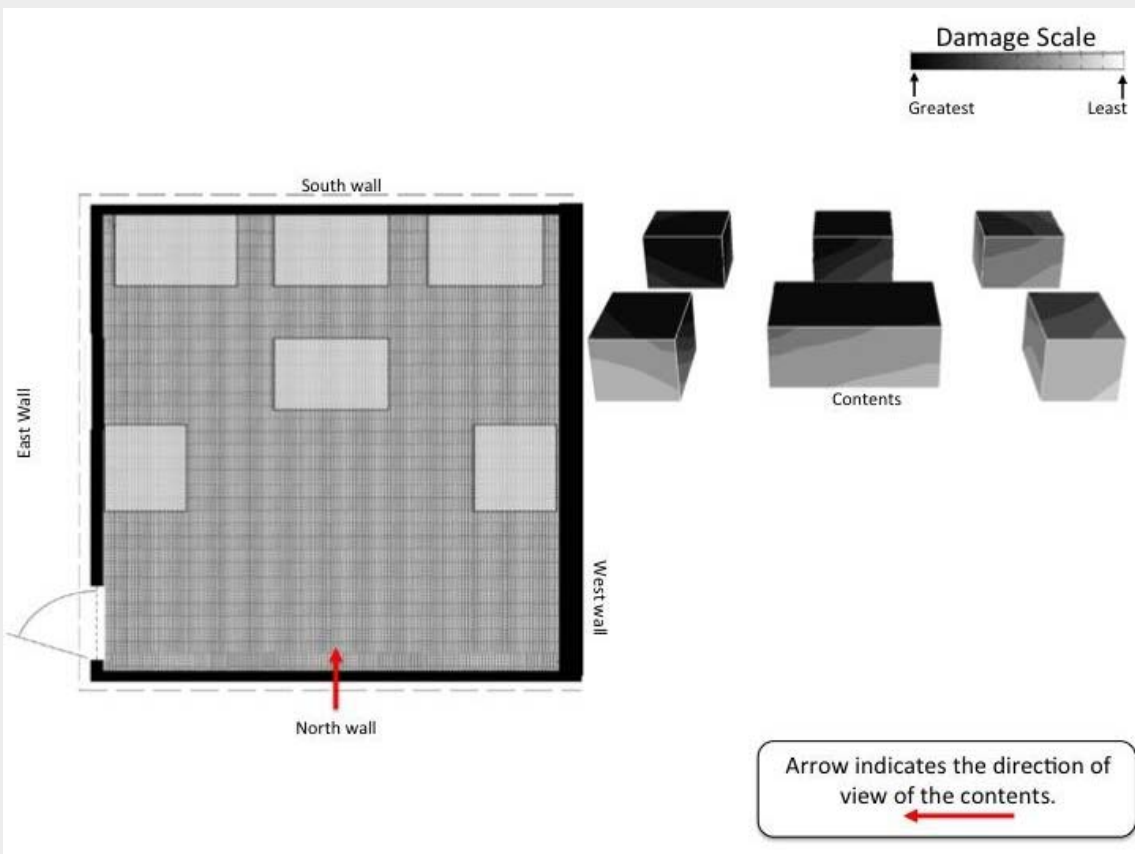
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



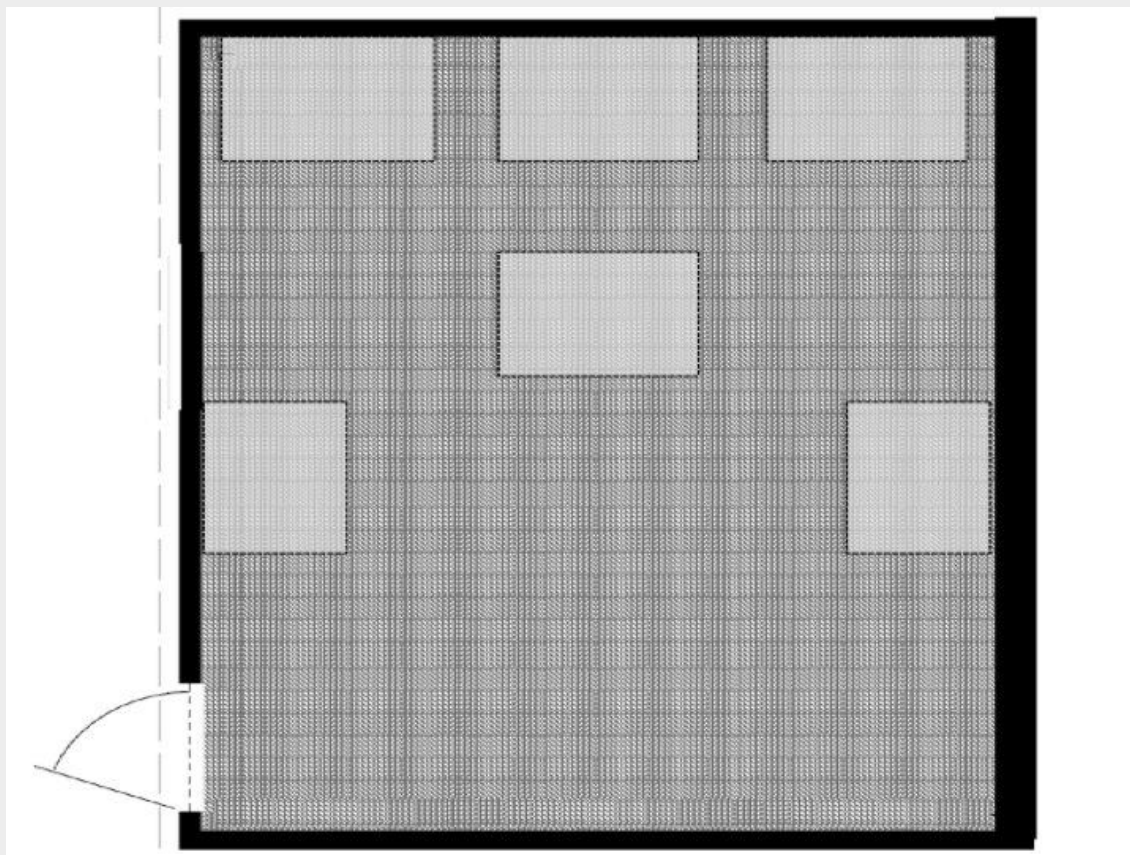
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



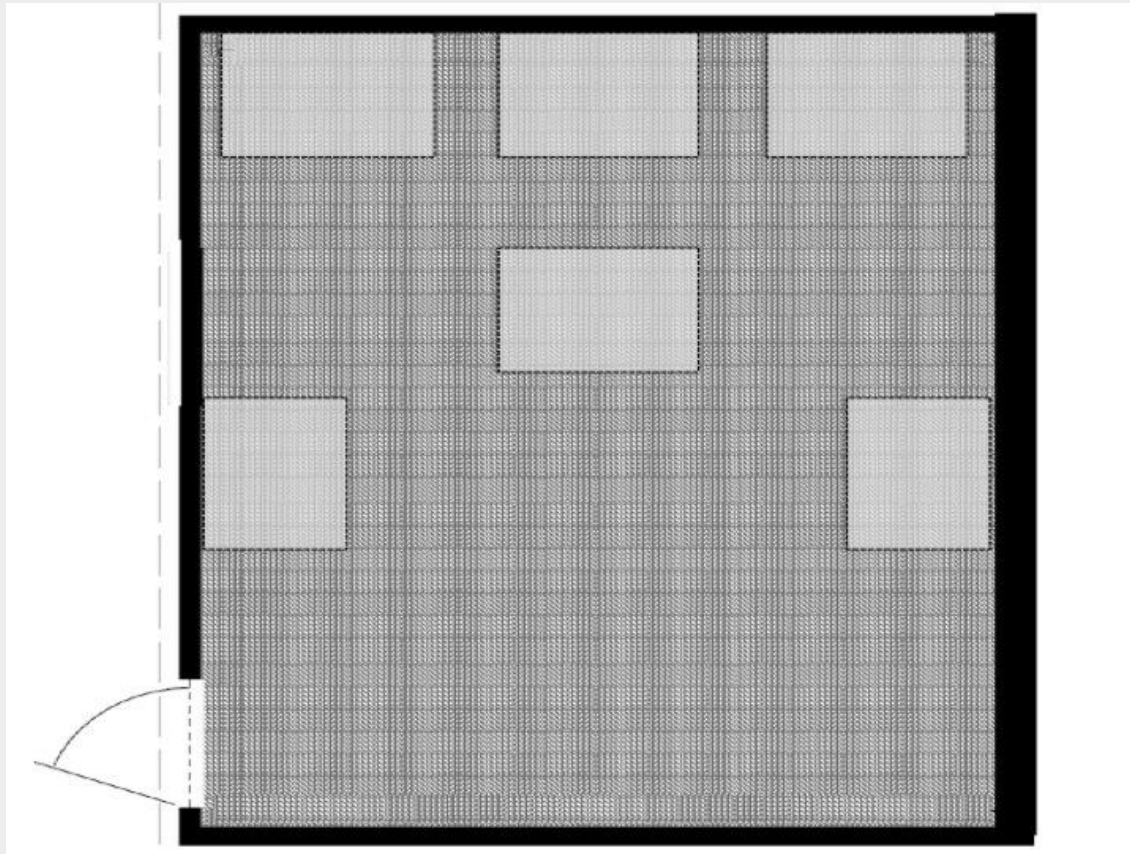
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



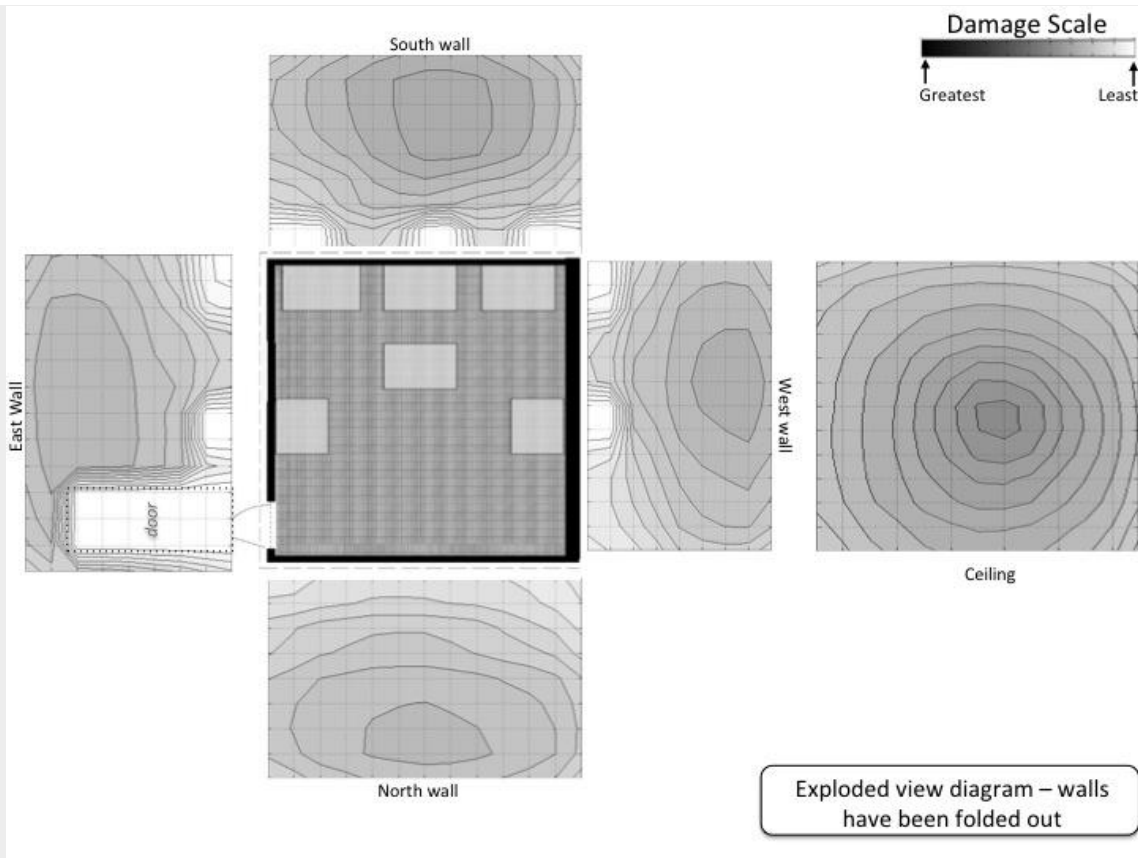
FP4, 4000, 900

### Block 23

#### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

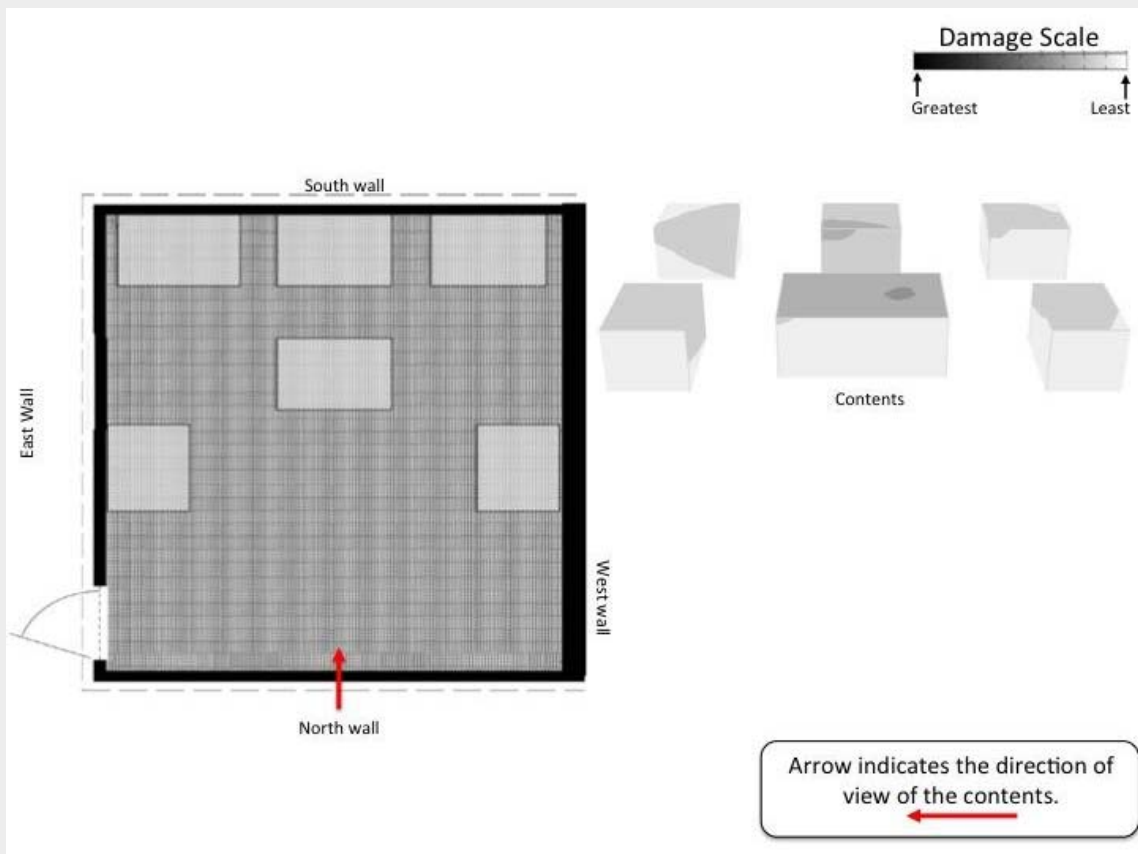
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



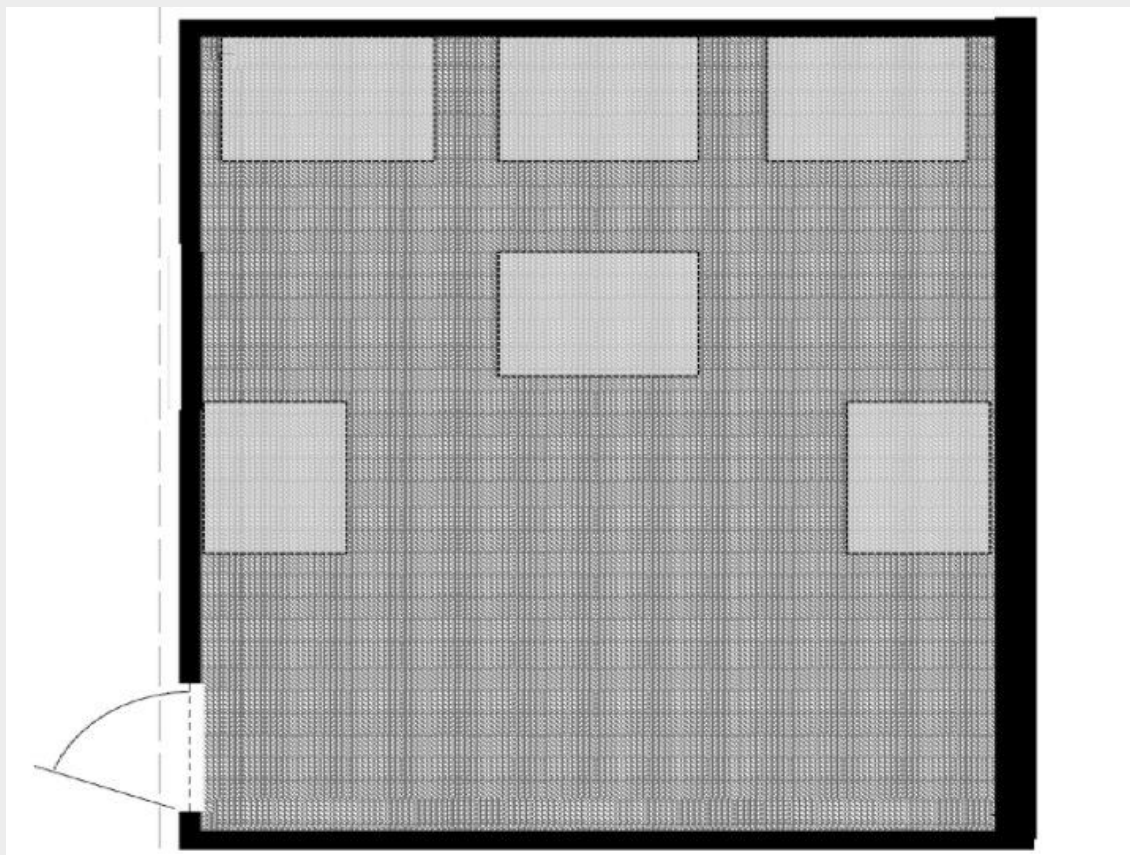
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



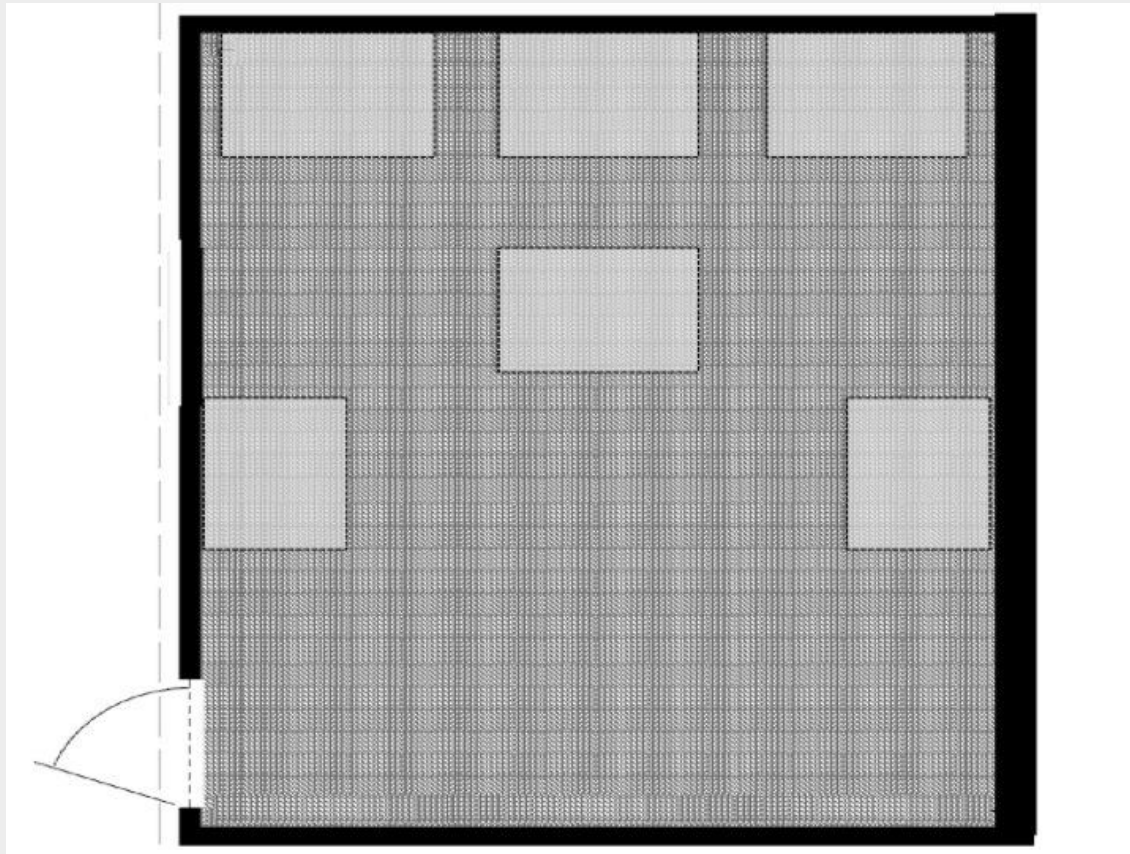
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



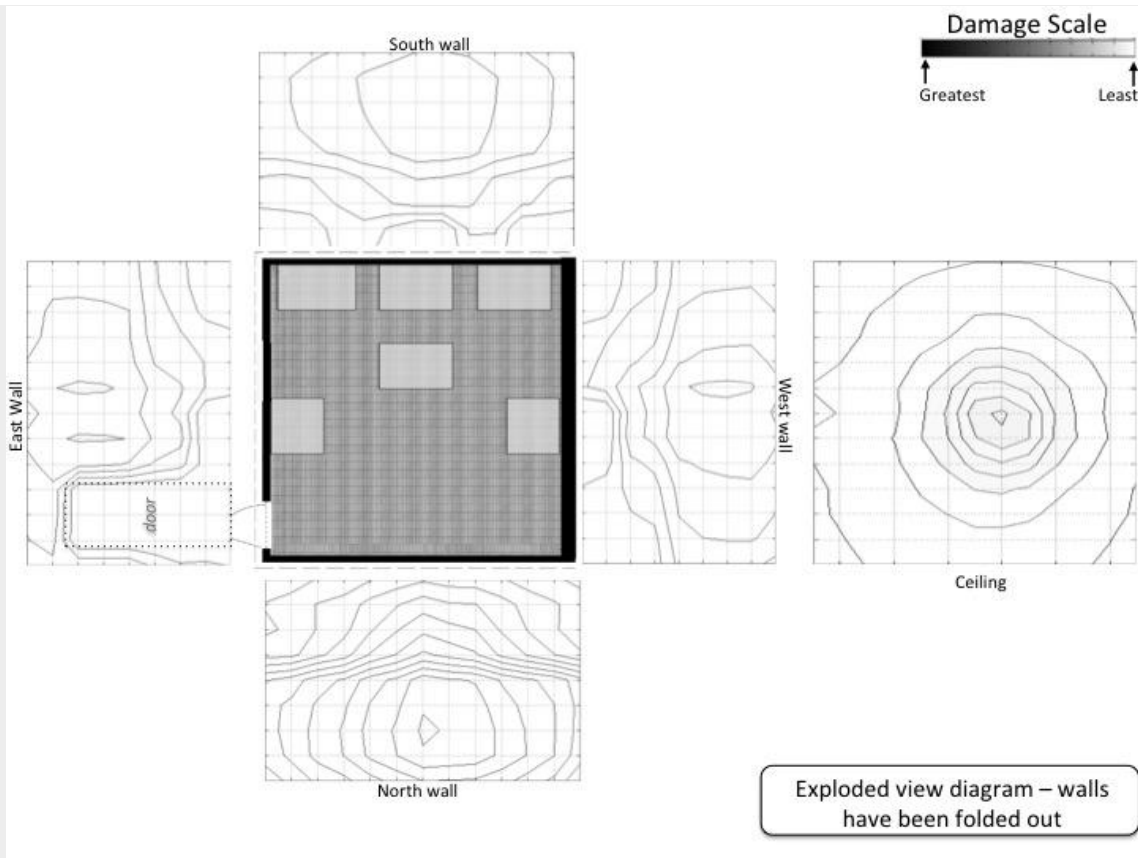
FP4, 4000, 360

## Block 22

### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

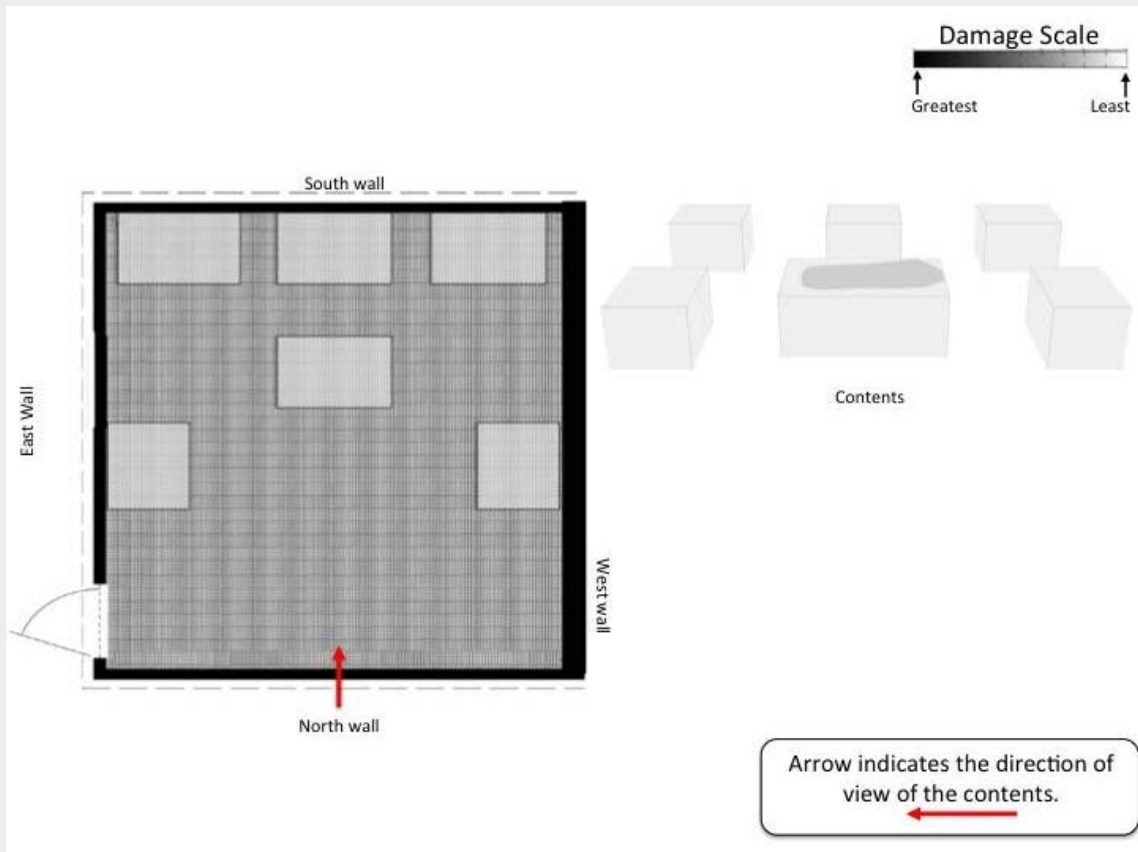
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**CONTOUR PLOTS OF DAMAGE - CONTENTS**

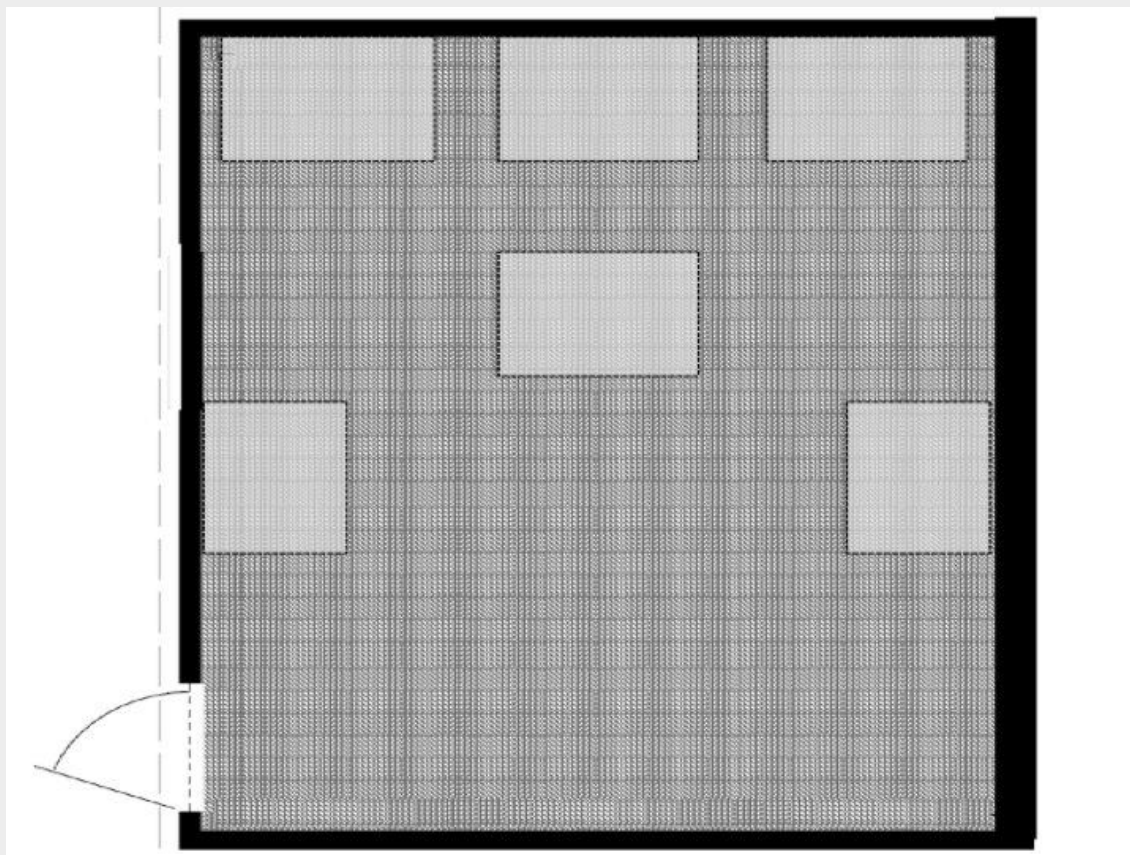
Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.





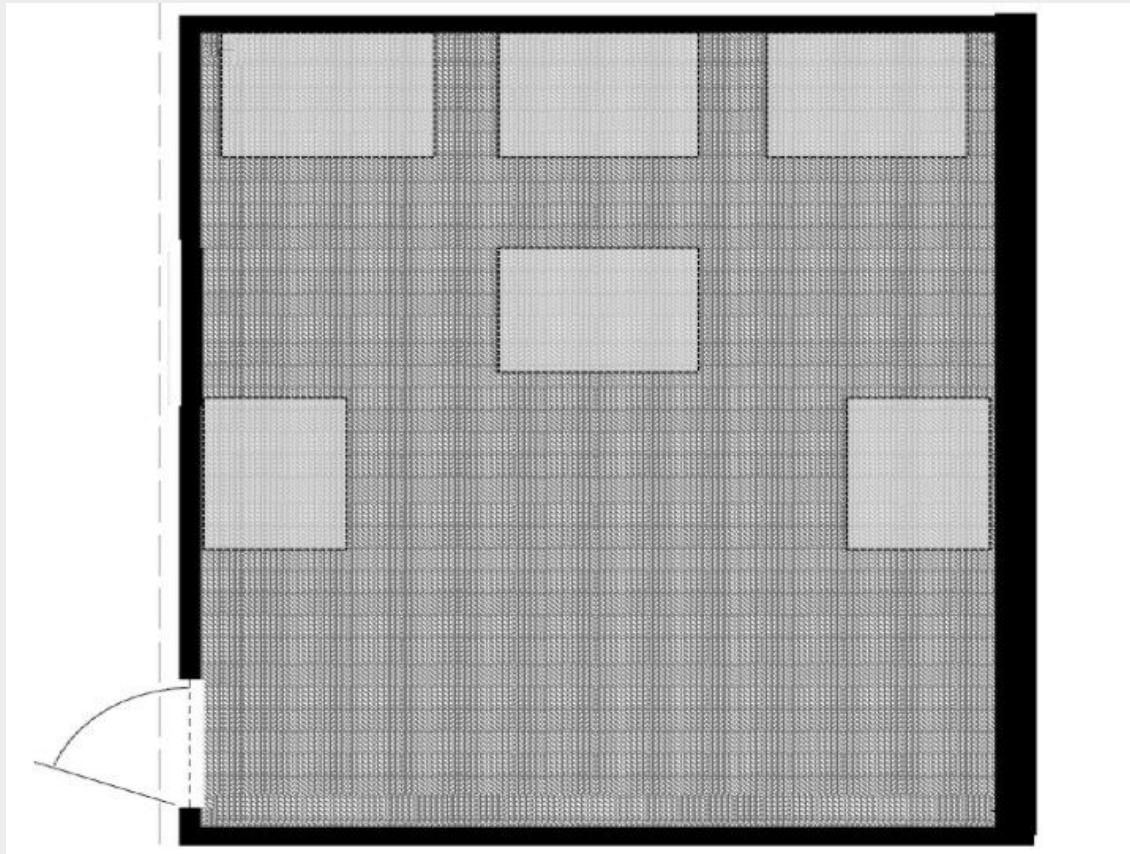
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



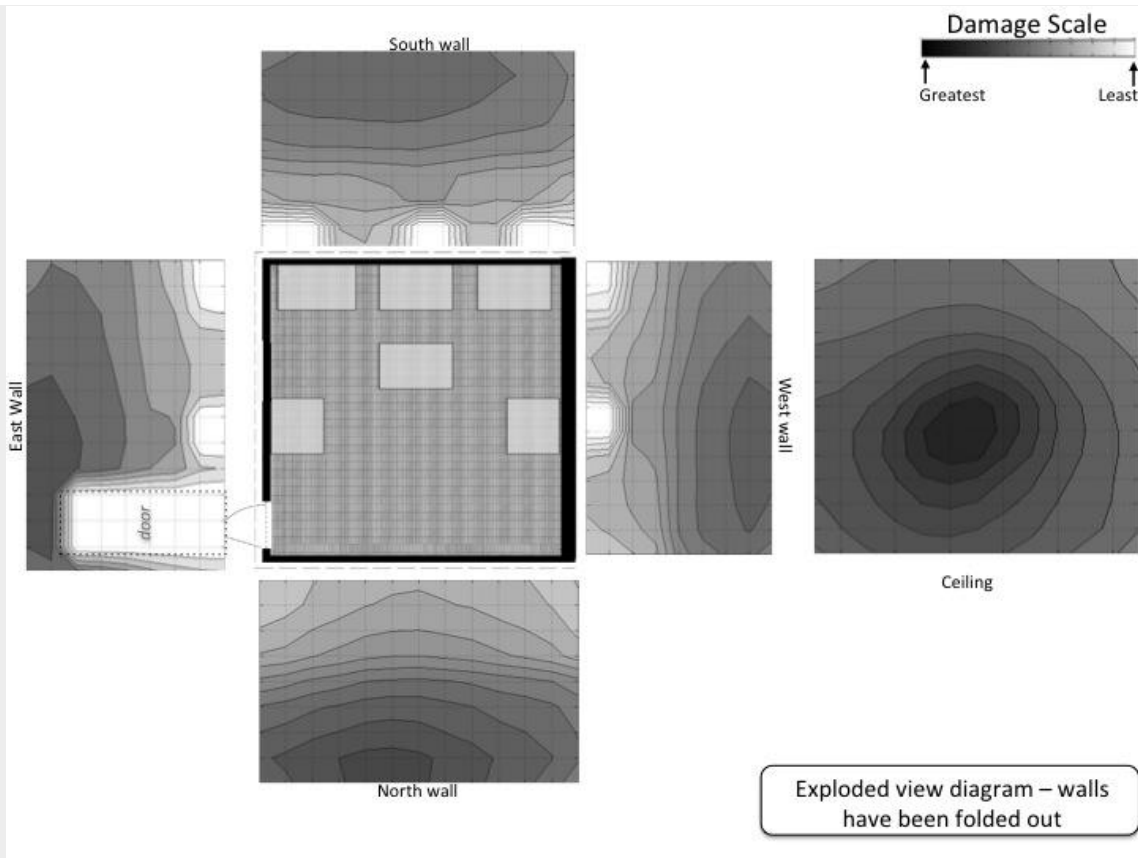
FP4, 4000, 120

#### Block 21

##### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

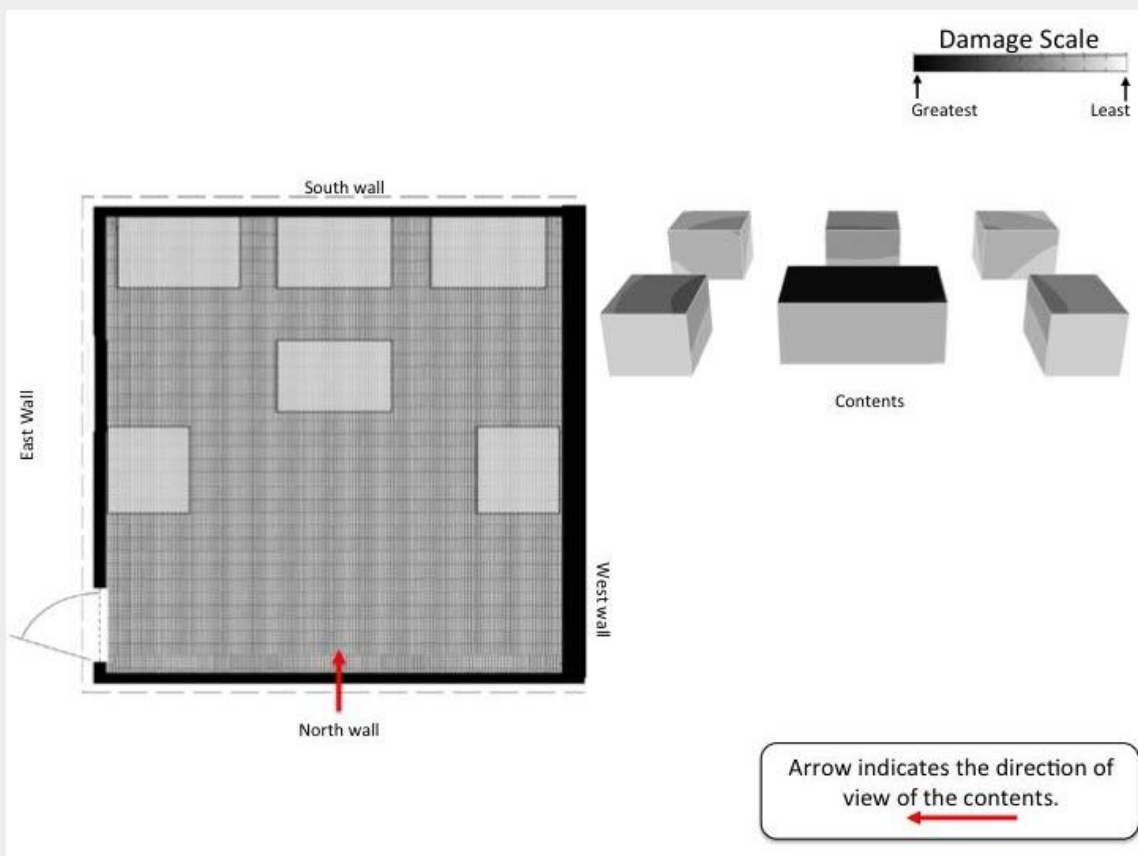
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

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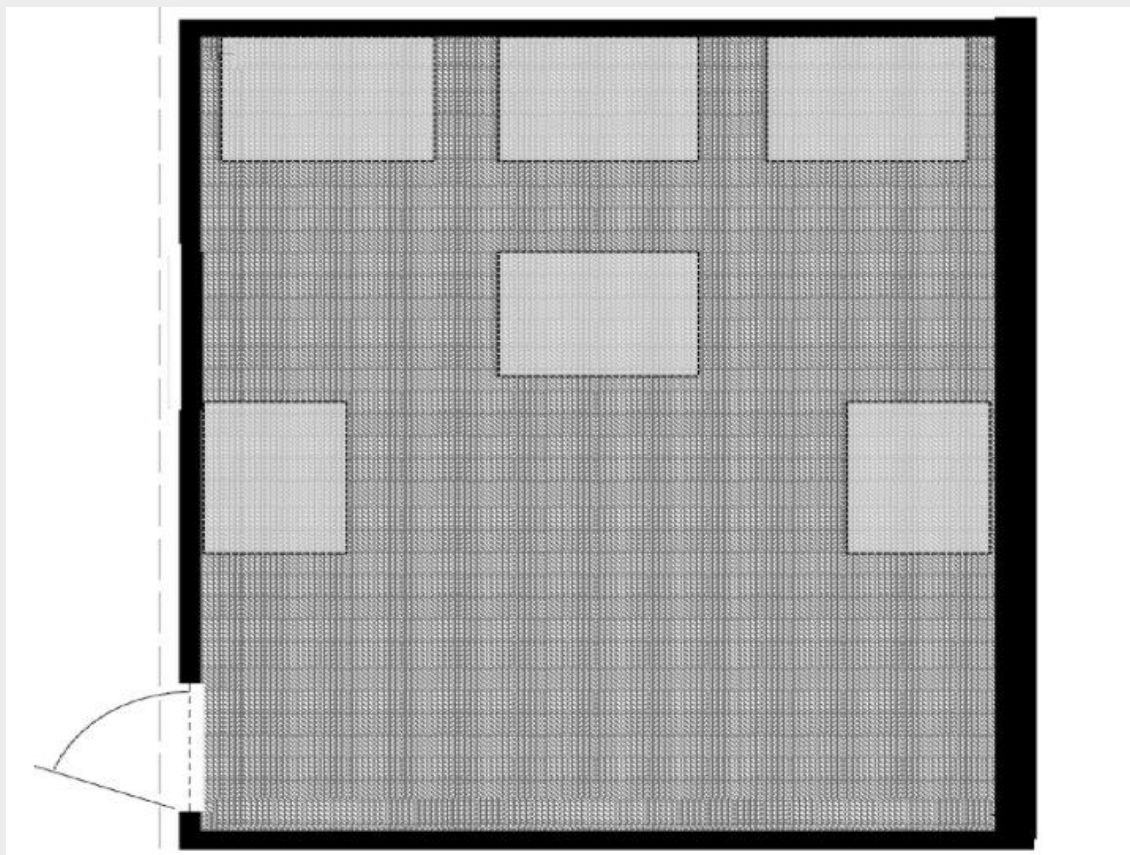
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



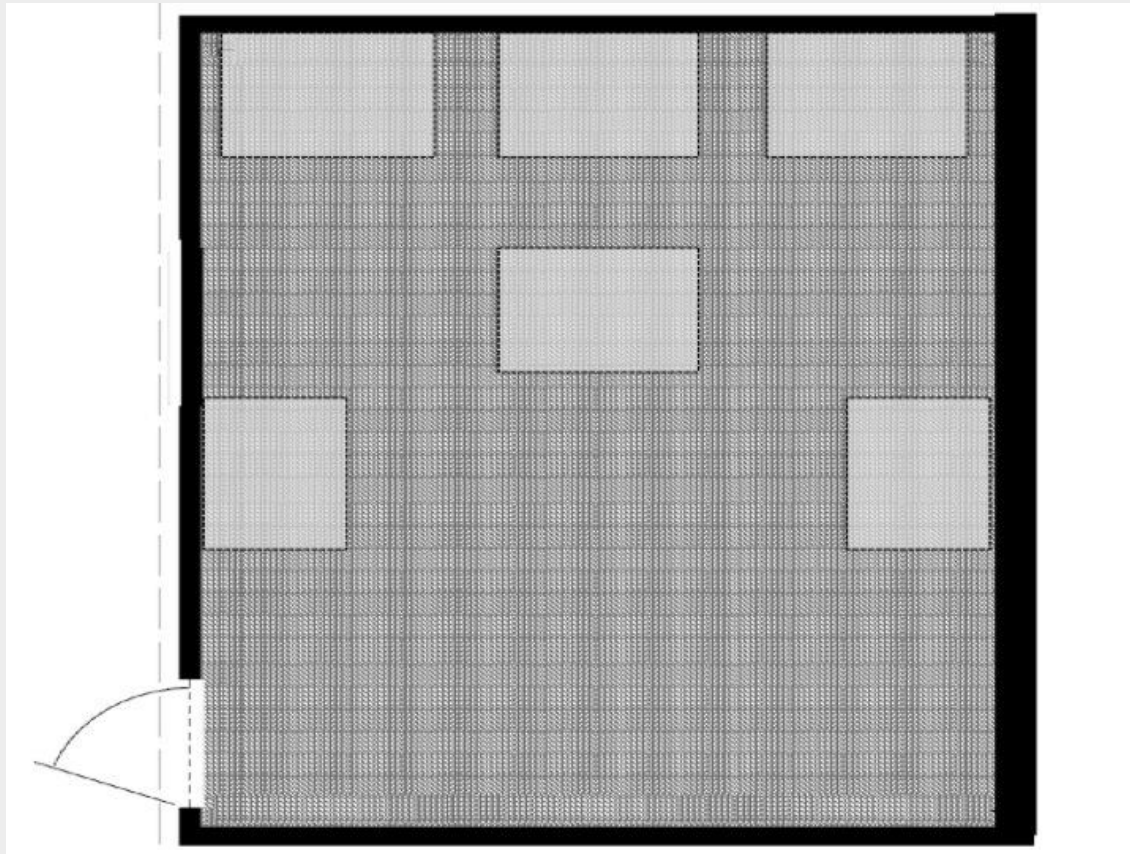
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



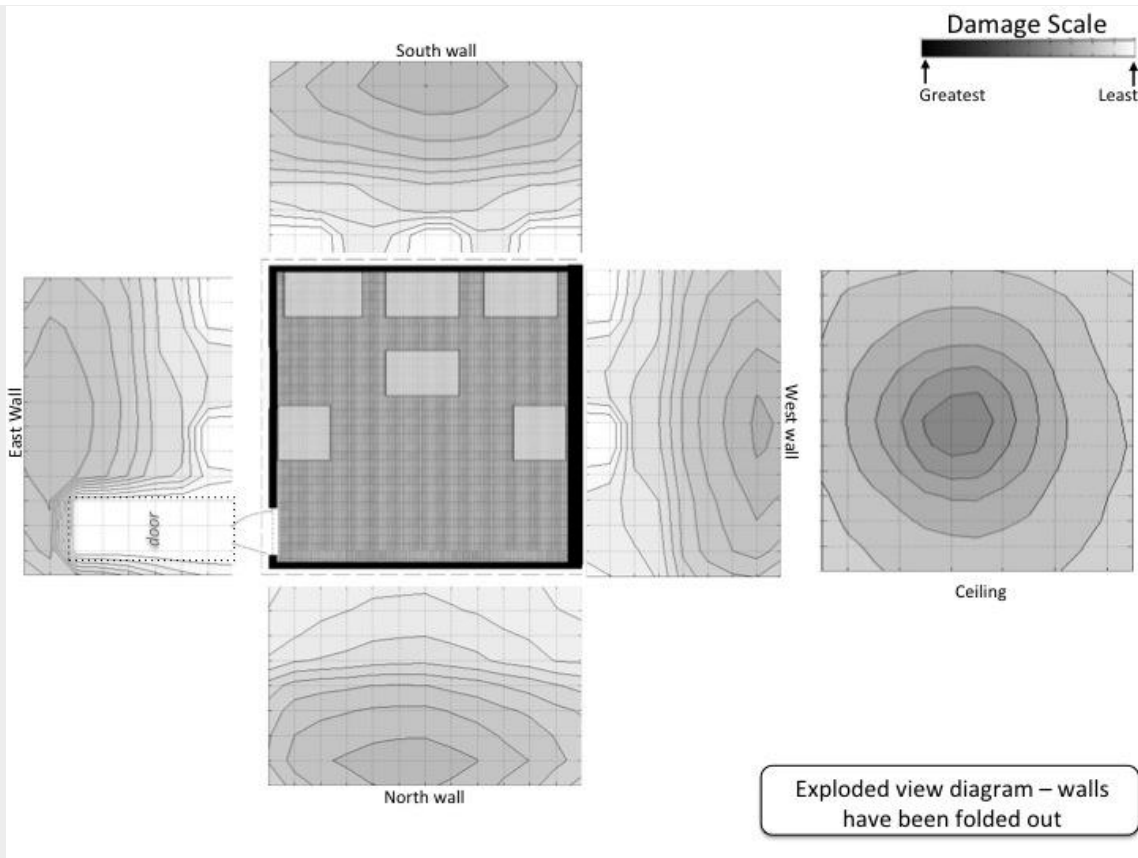
FP4, 1500, 900

## Block 20

### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

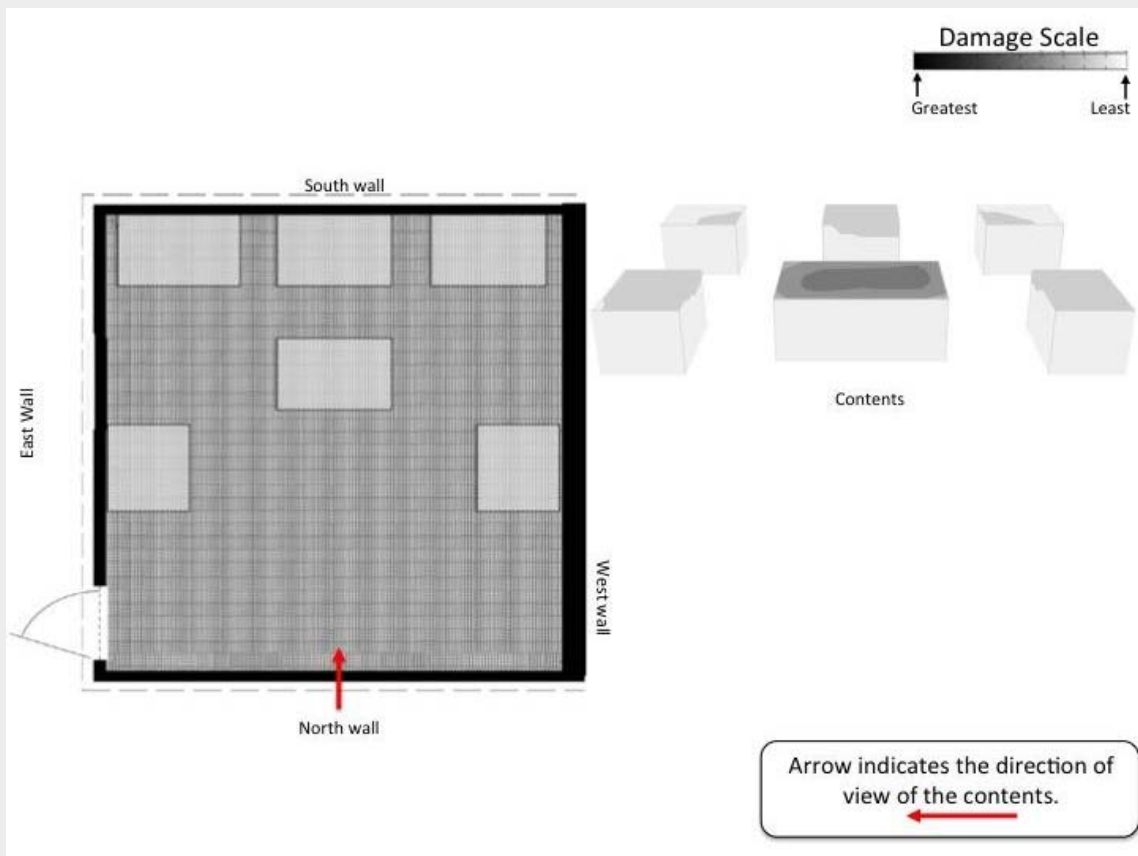
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

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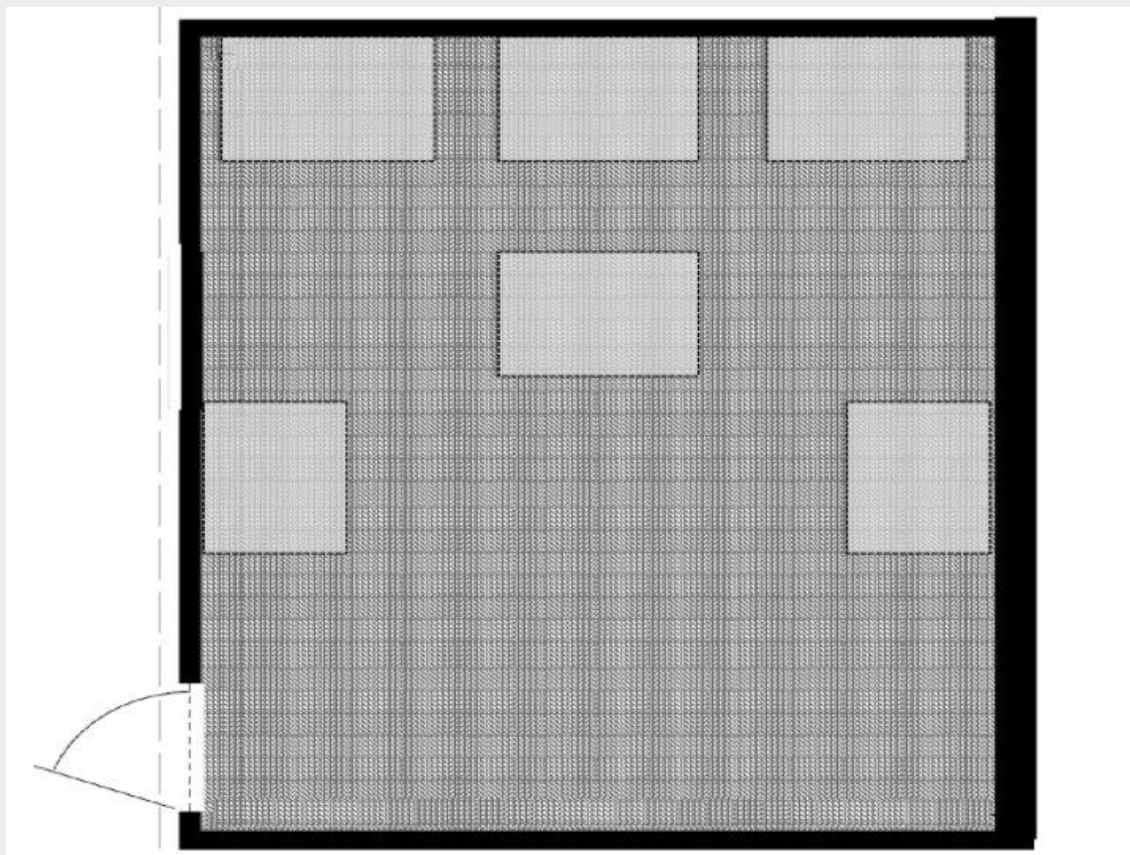
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

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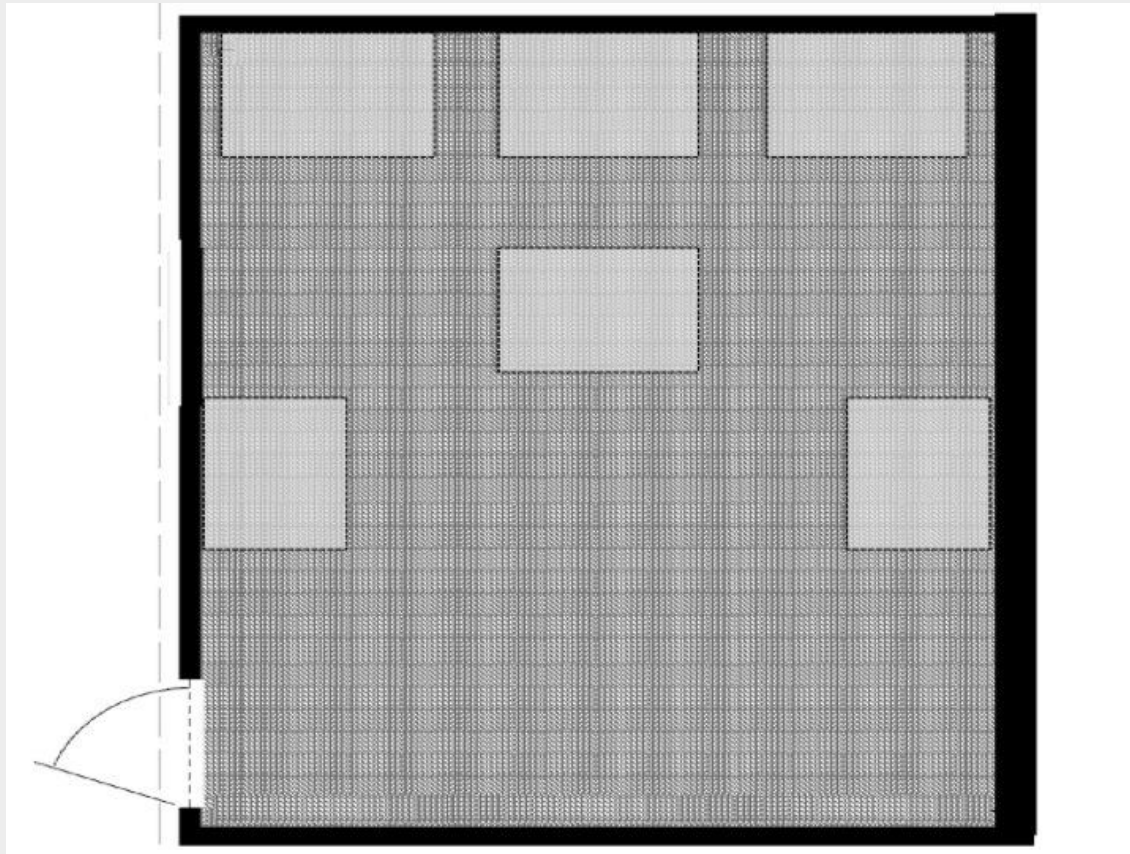
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



FP4, 1500, 360

#### Block 19

##### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustibles contents.

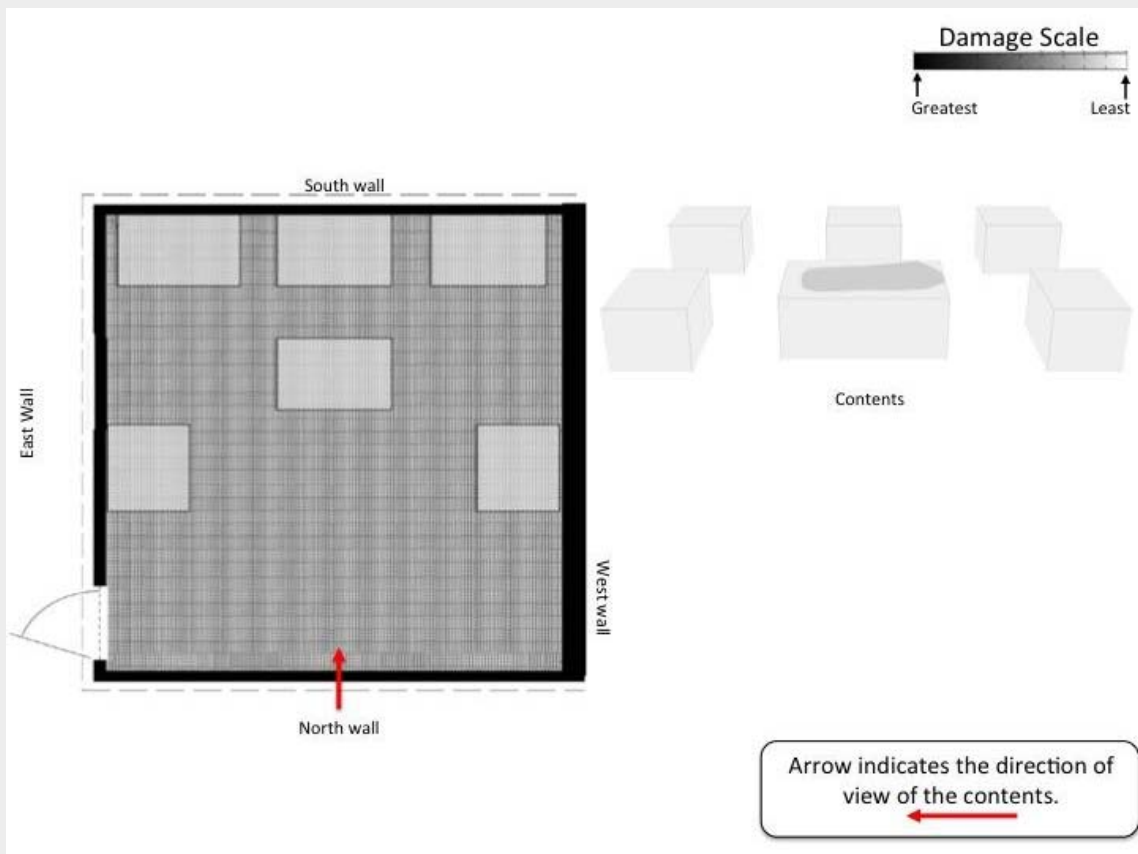
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.





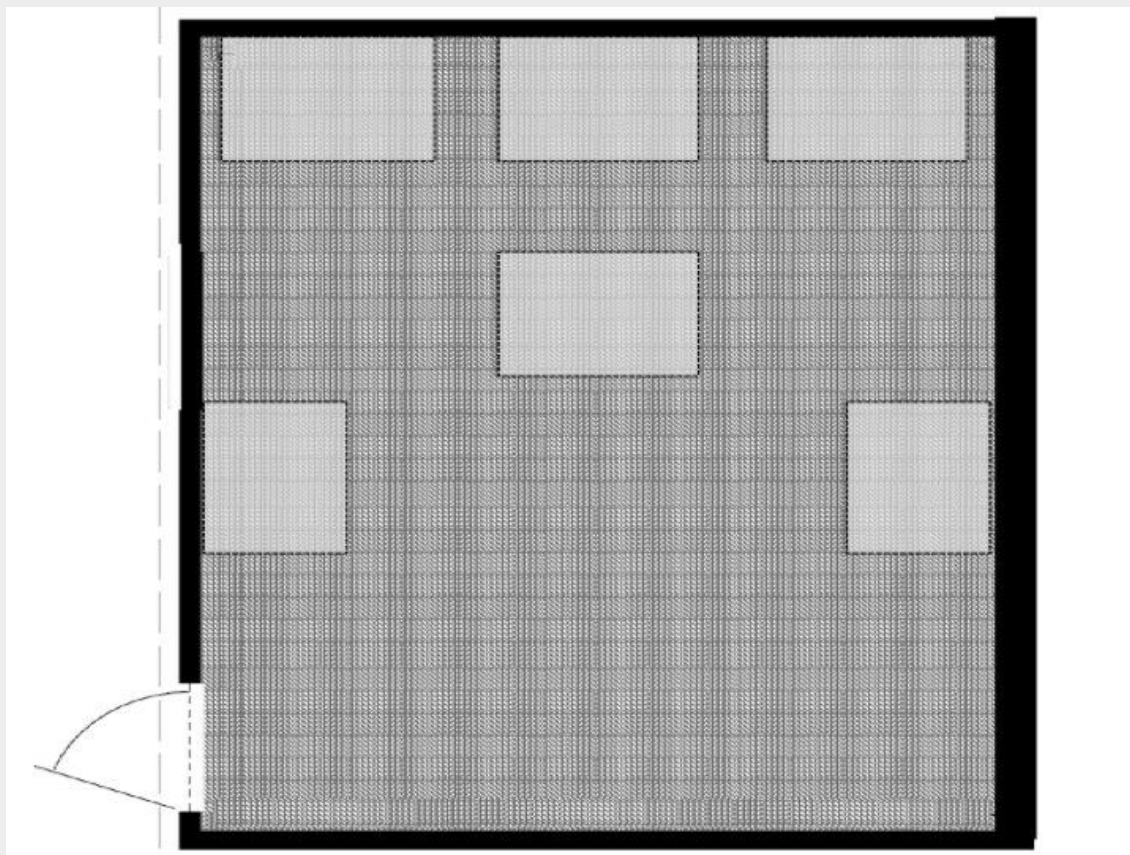
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



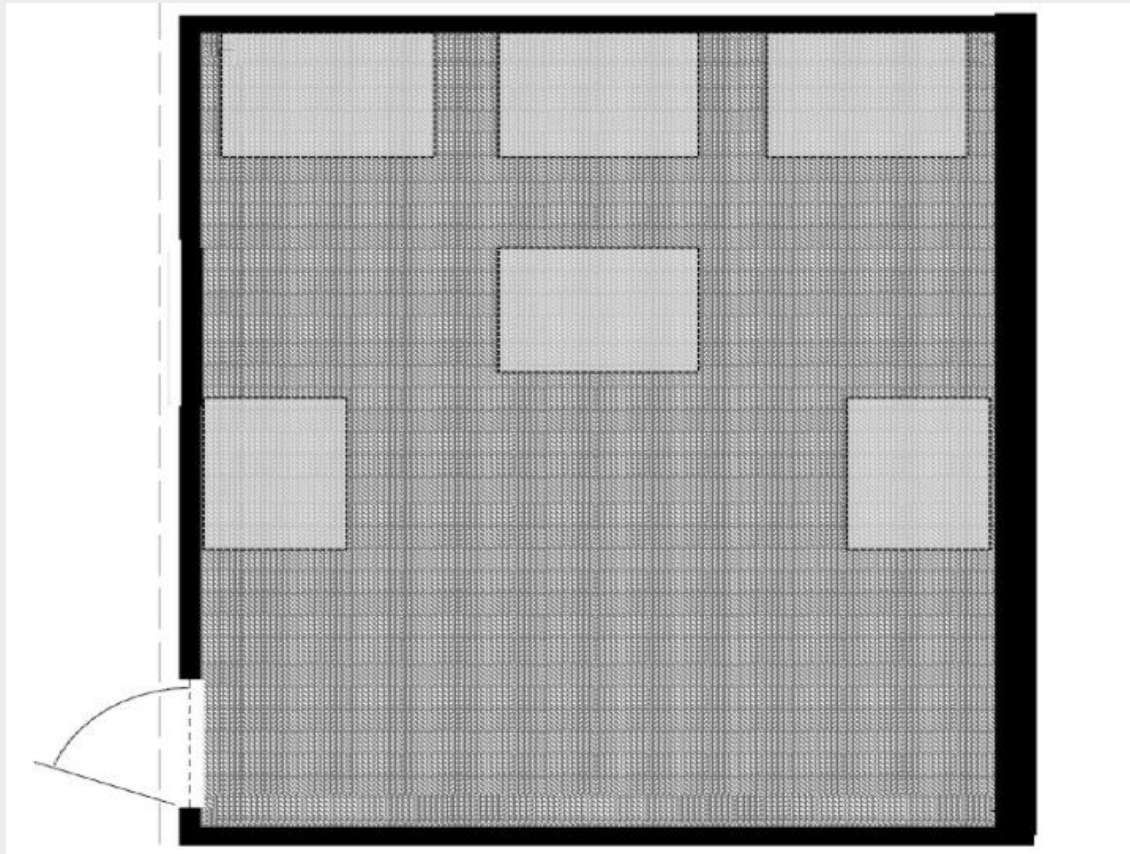
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



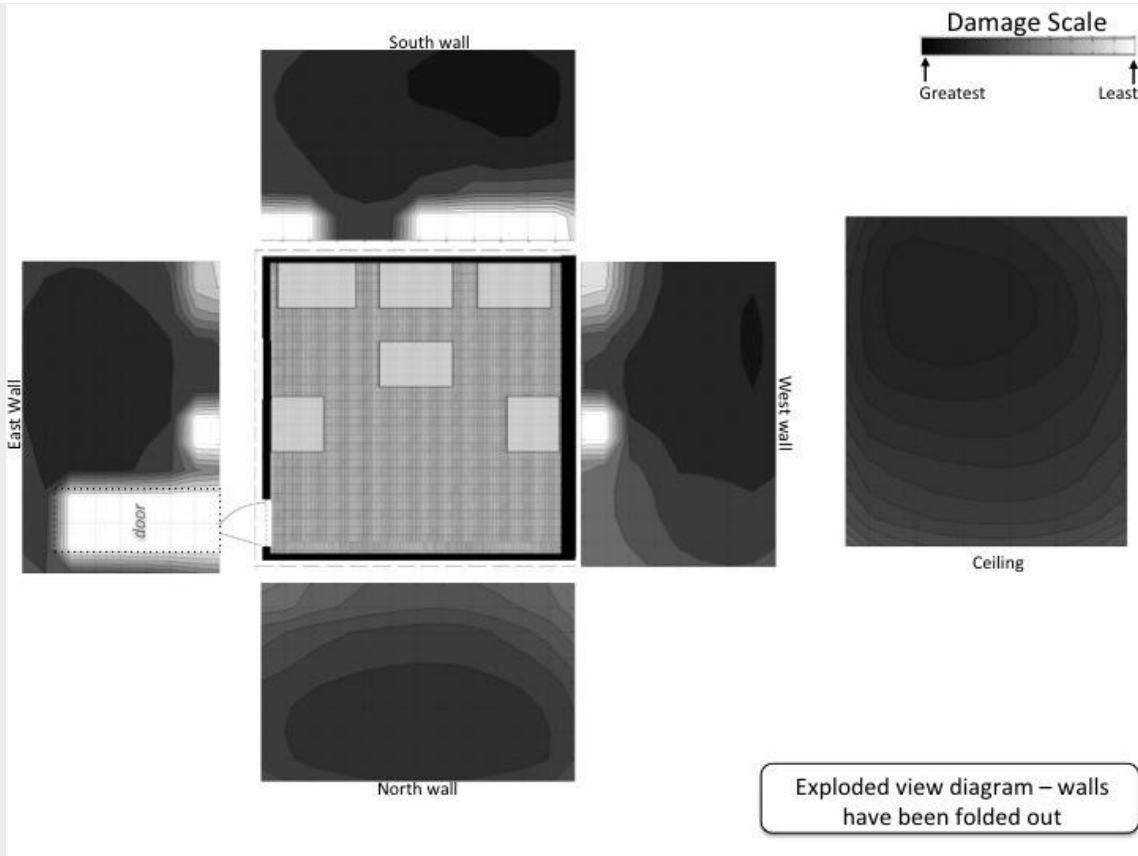
FP4, 1500, 120

### Block 18

#### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

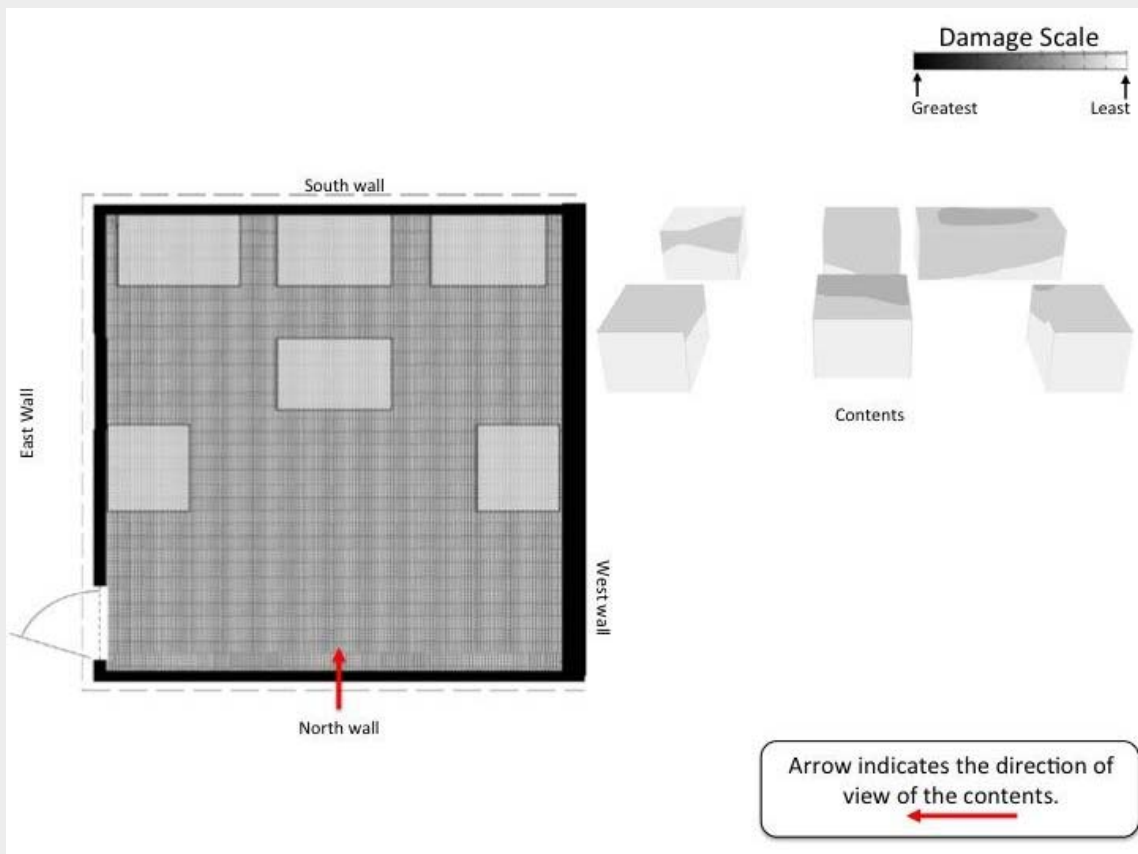
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



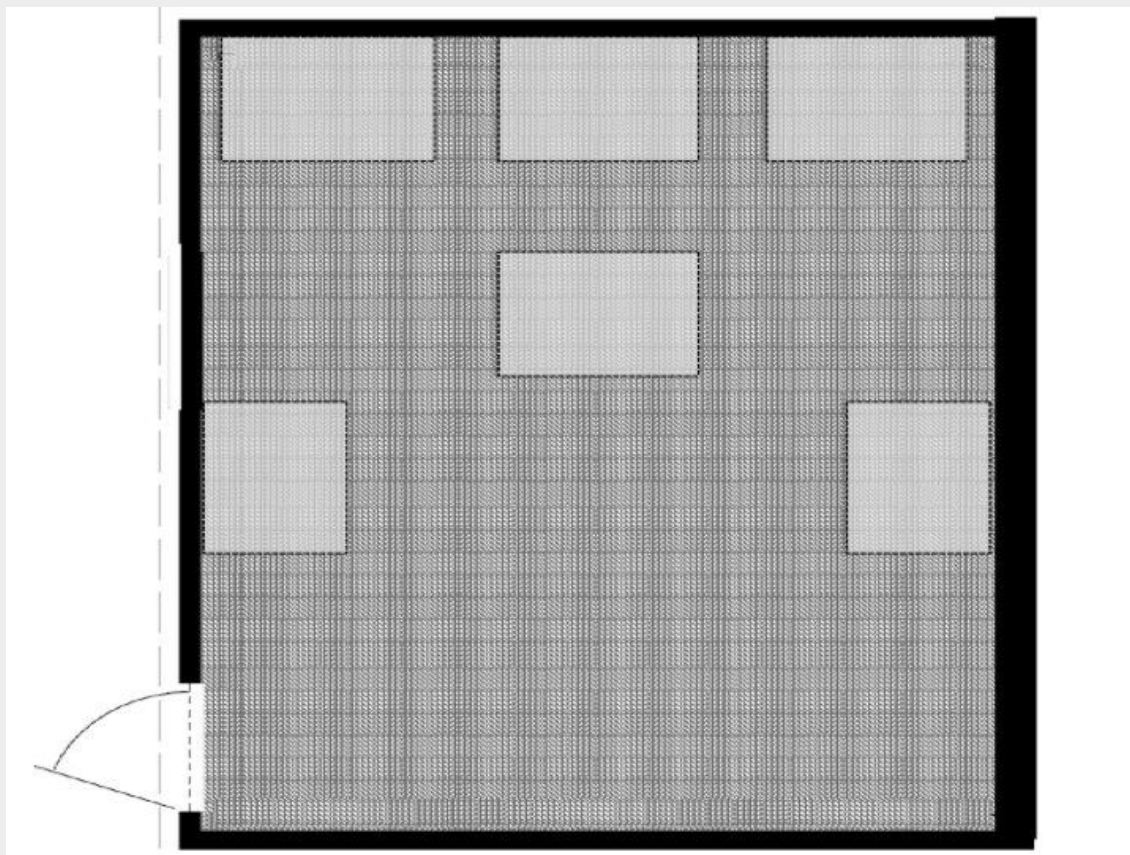
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



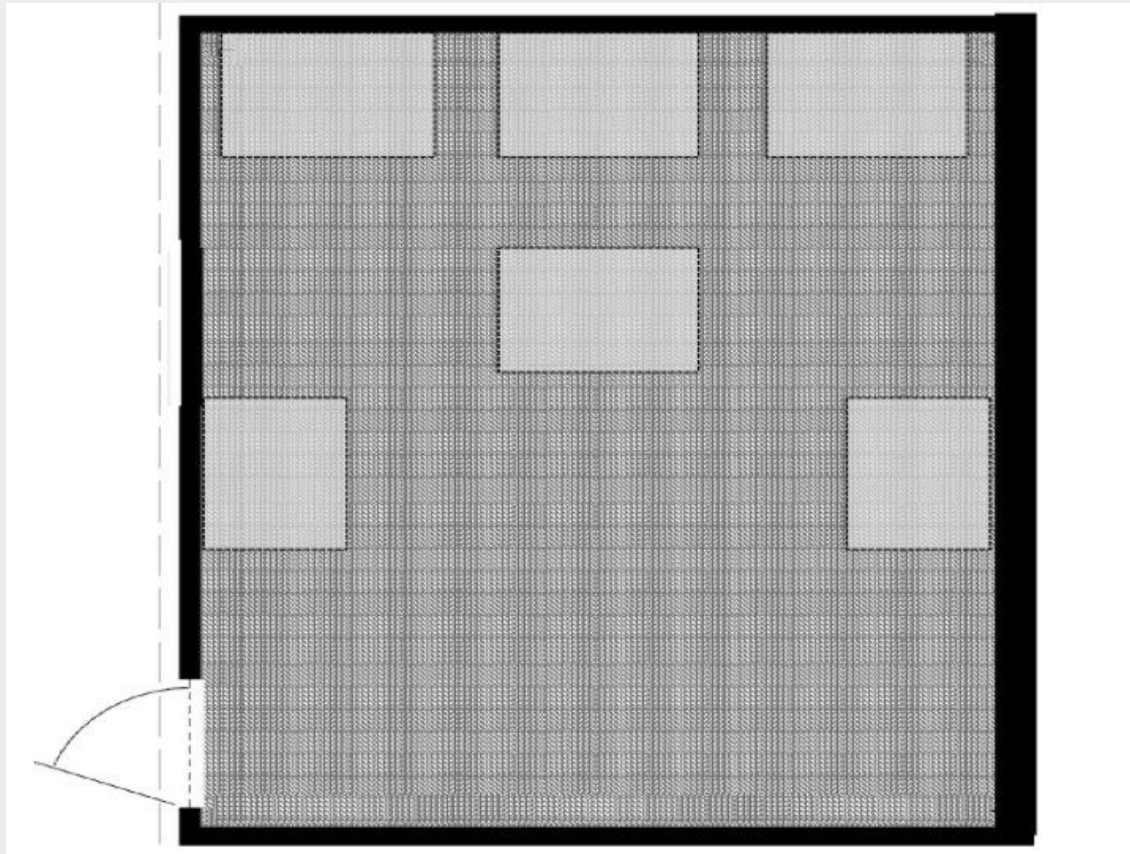
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



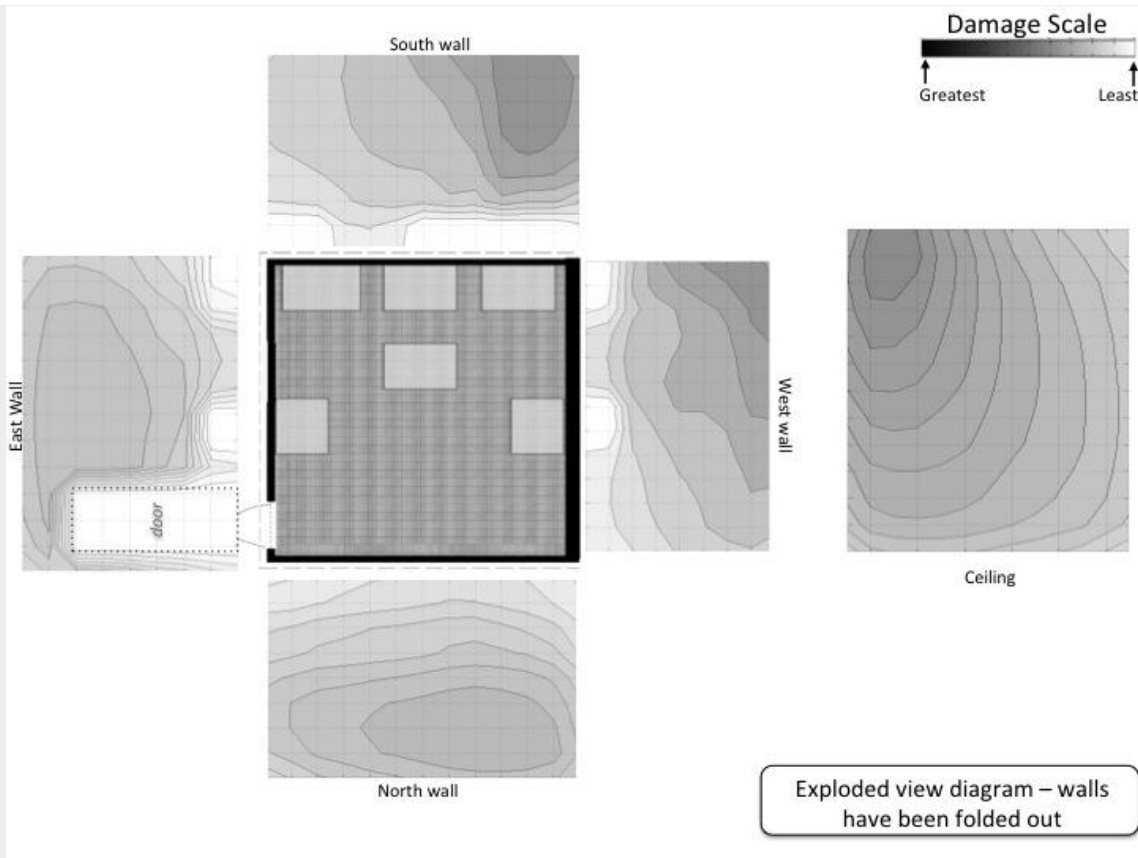
FP3, 4000, 900

#### Block 17

#### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

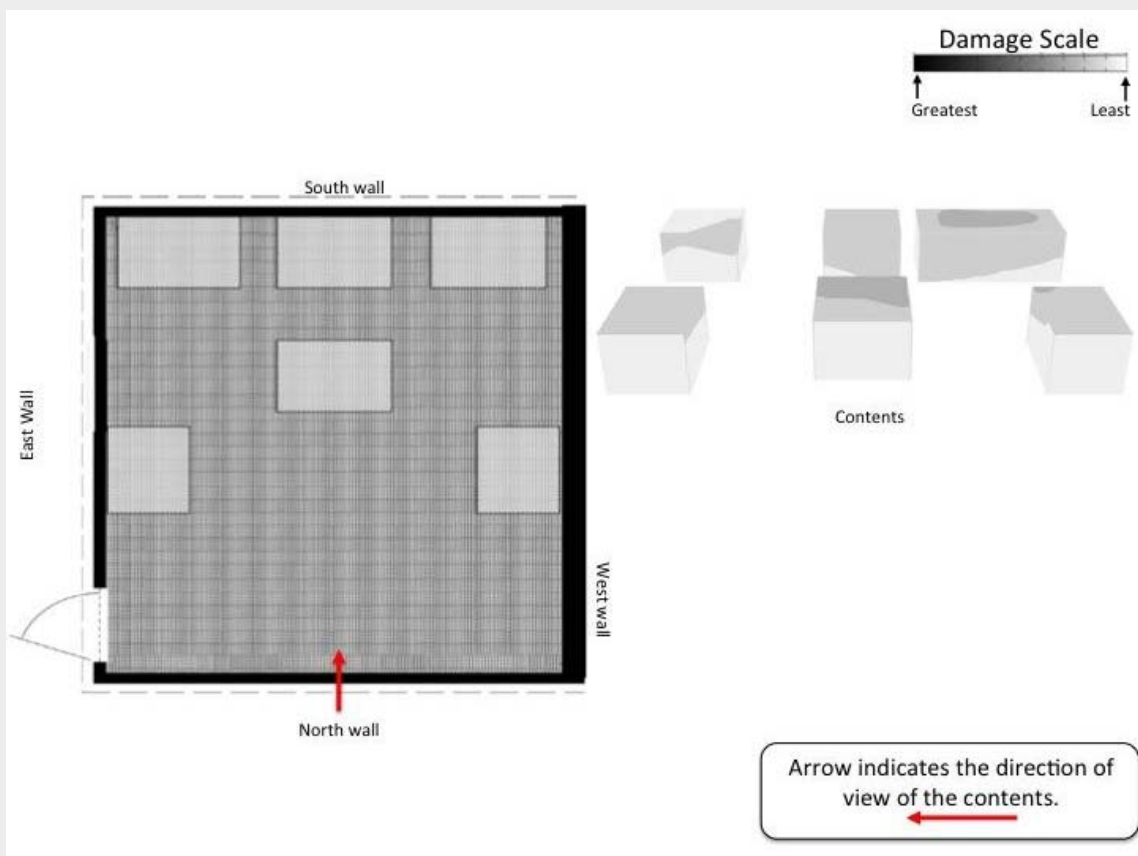
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustibles contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



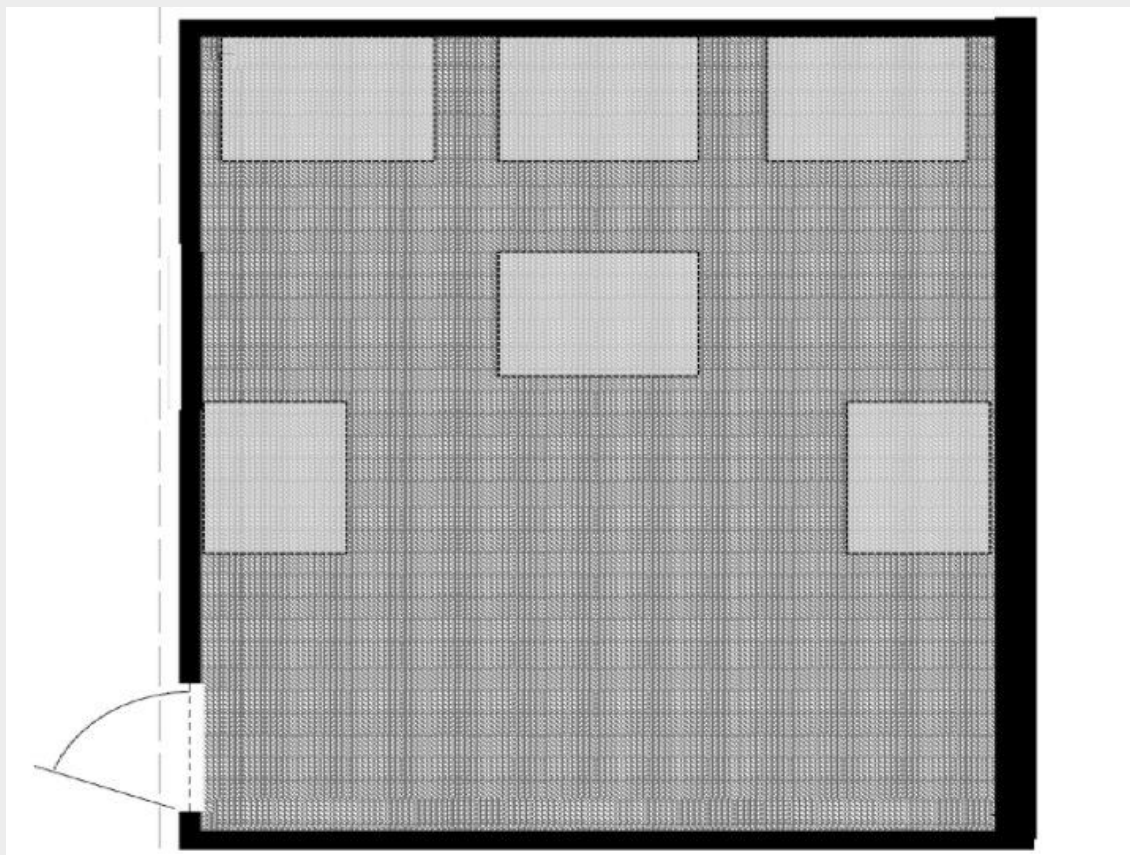
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



**Center of the Area of Origin Determination**

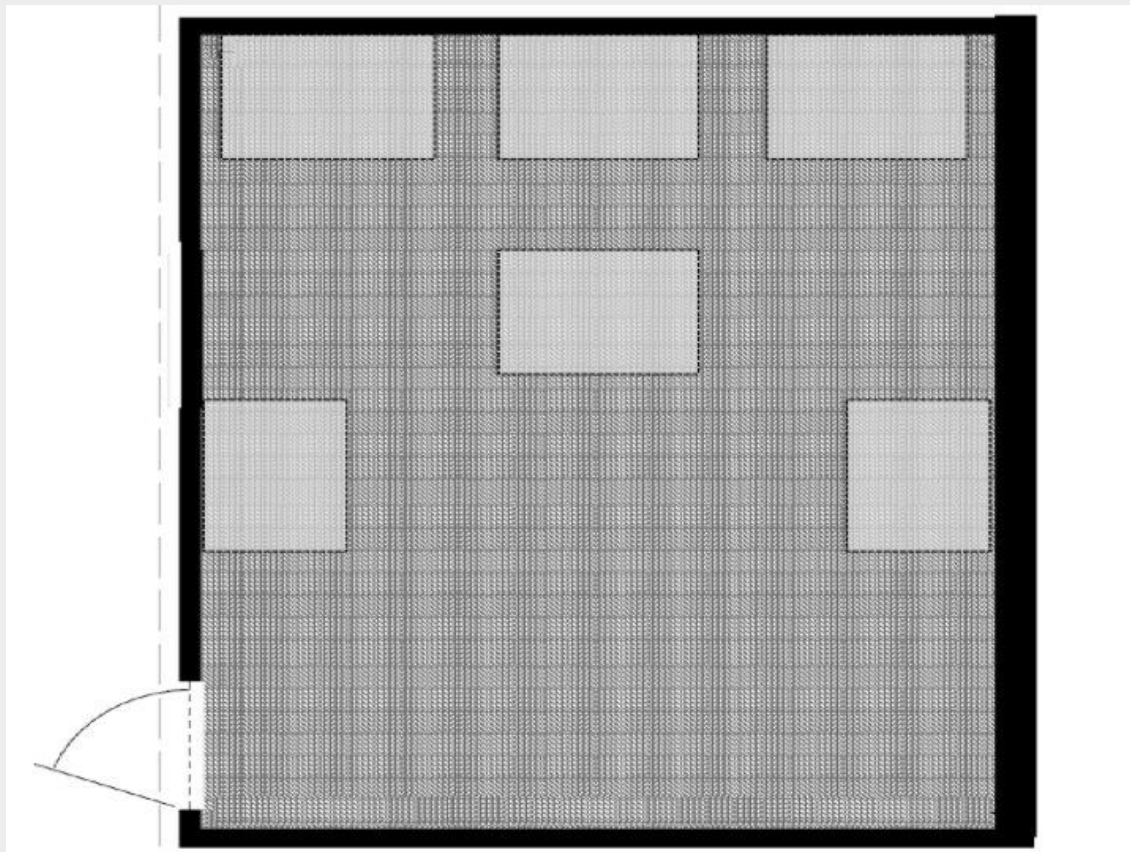
Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.





FP3, 4000, 360

### Attention Check Block

Recent research on decision making shows that choices are affected by context. Differences in how people feel, their previous knowledge and experience, and their environment can affect choices. To help us understand how people make decisions, we are interested in information about you. Specifically, we are interested in whether you actually take the time to read the directions; if not, some results may not tell us very much about decision making in the real world. To show that you have read the instructions, please ignore the question below about how you are feeling and instead check only the “none of the above” option as your answer.

Please check all of the words that describe how you are feeling.

Interested	Hostile	Nervous
Distressed	Enthusiastic	Determined
Excited	Proud	Attentive
Upset	Irritable	Happy
Strong	Alert	Active
Guilty	Ashamed	Afraid
Scared	Inspired	None of the above

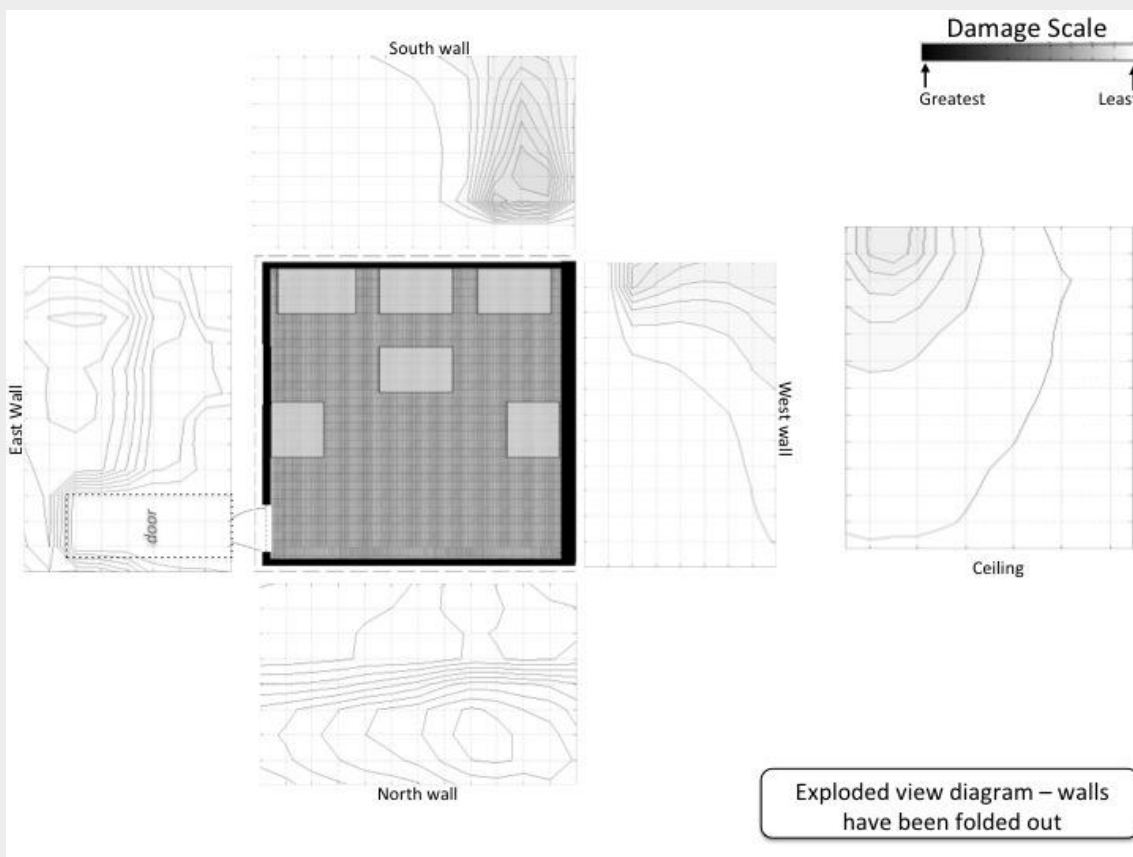
attention verification

## Block 16

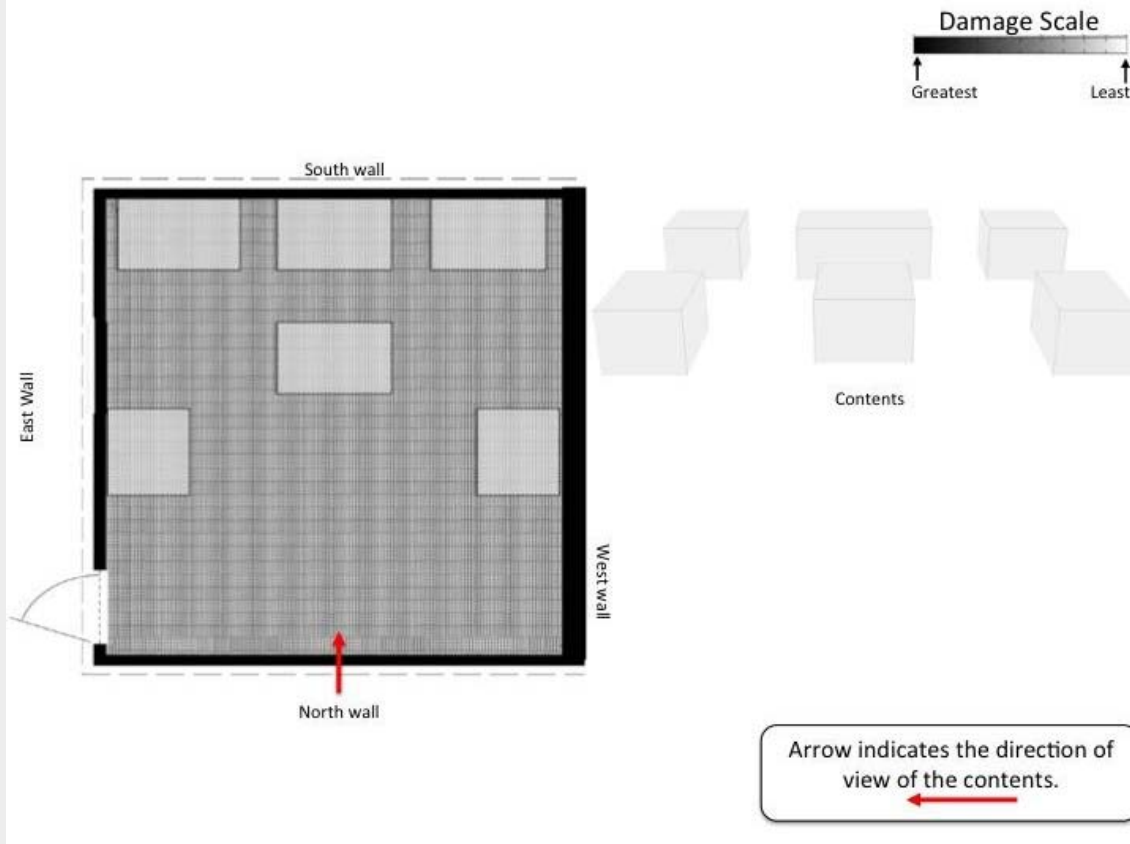
**CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.

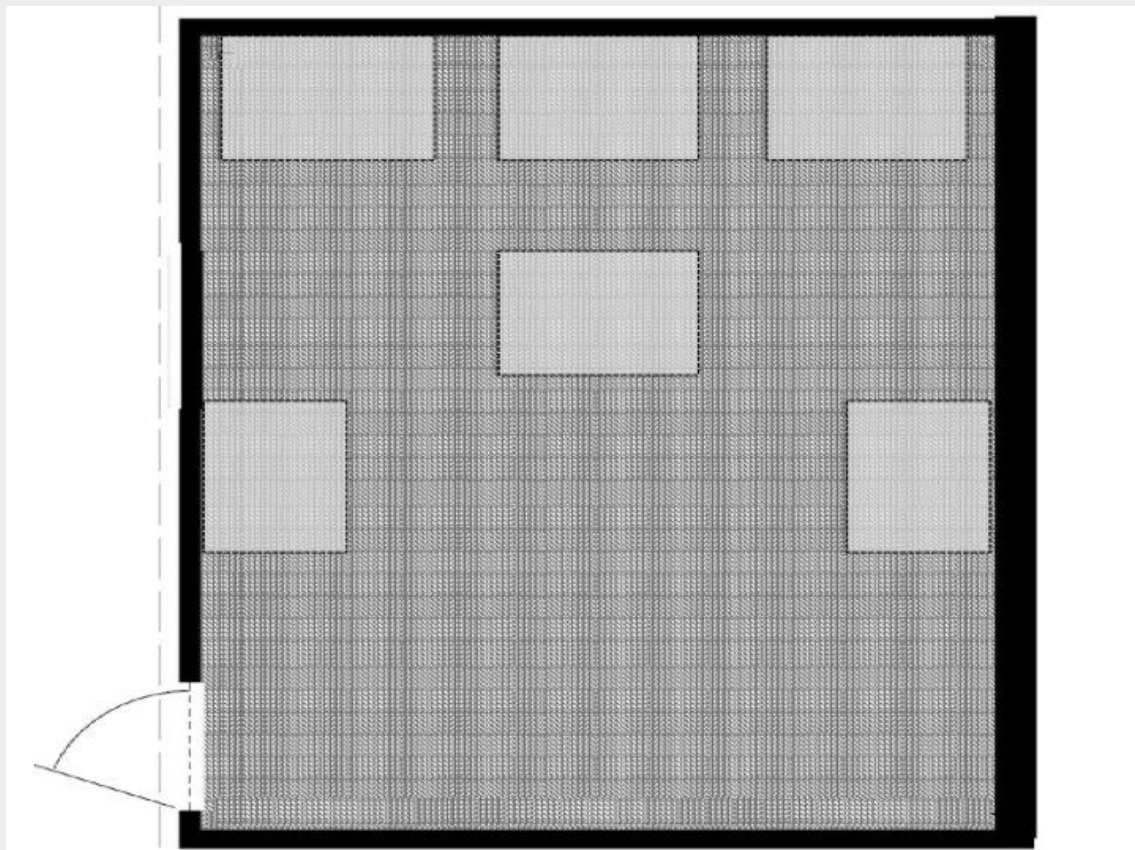
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



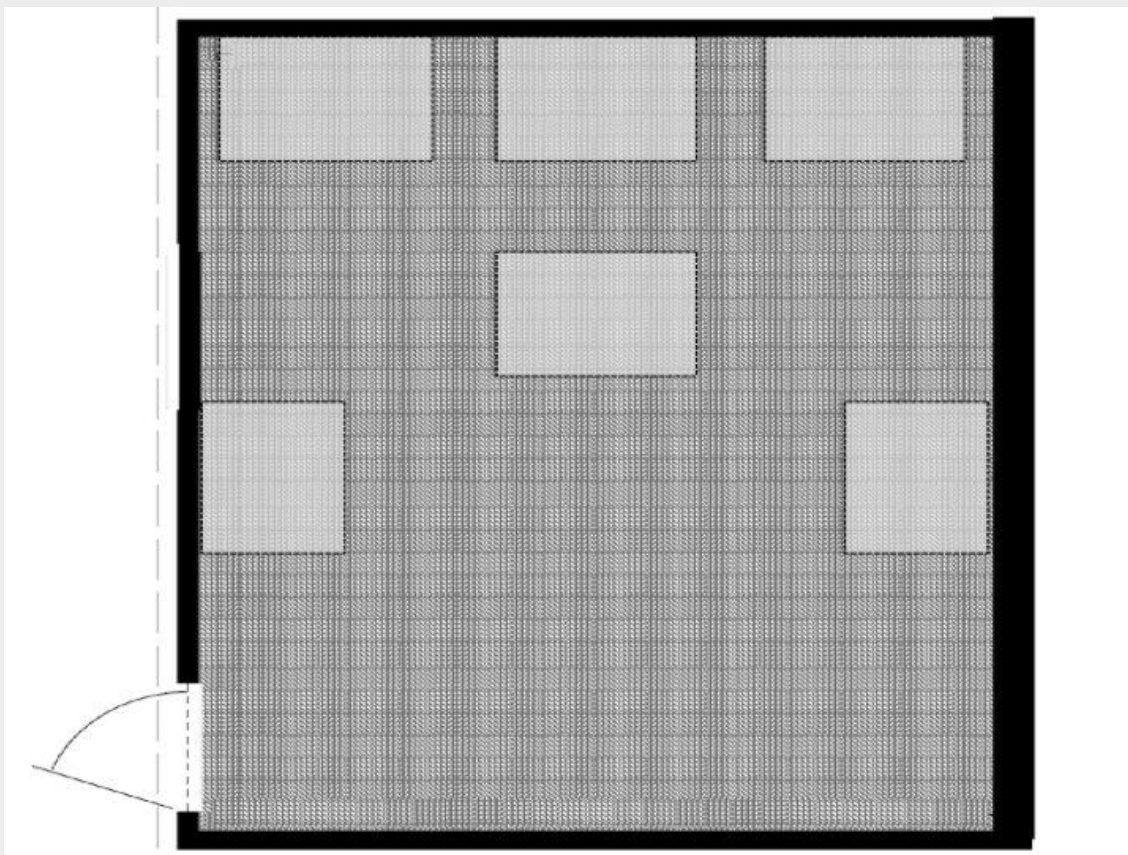
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

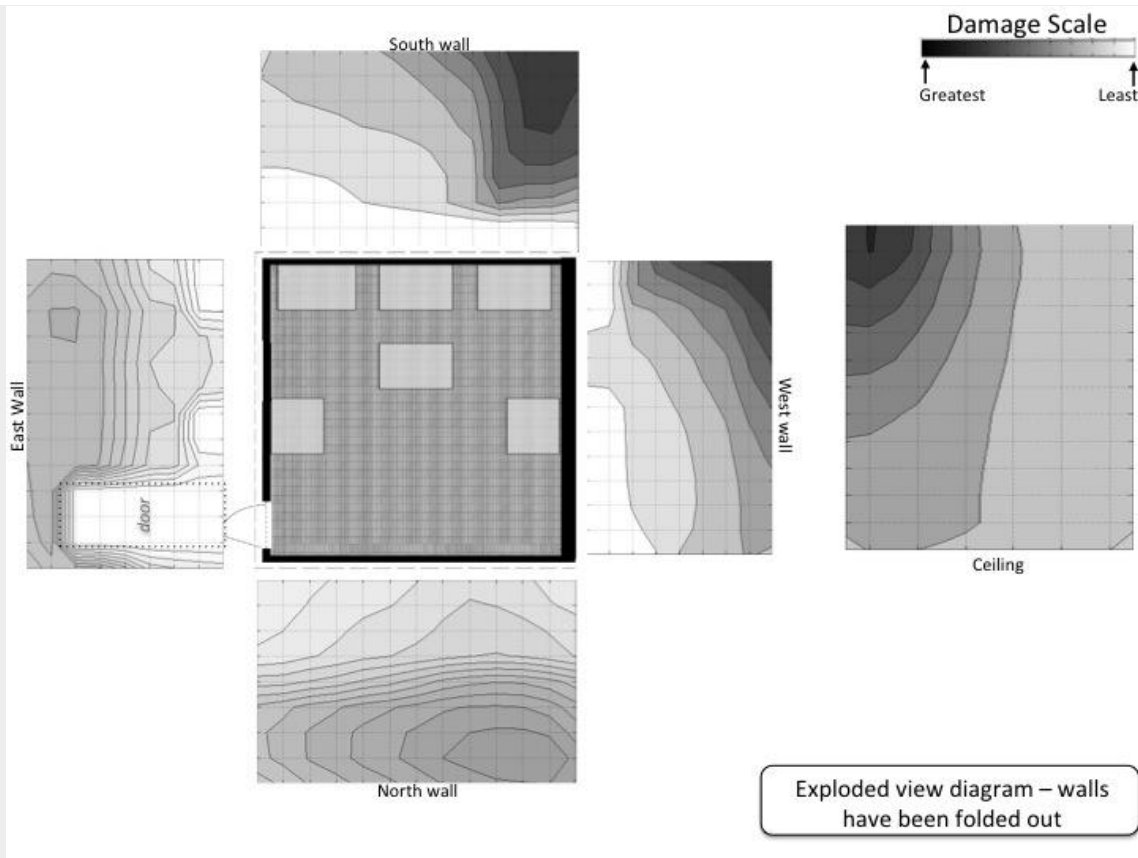


FP3, 4000, 120

**Block 15****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

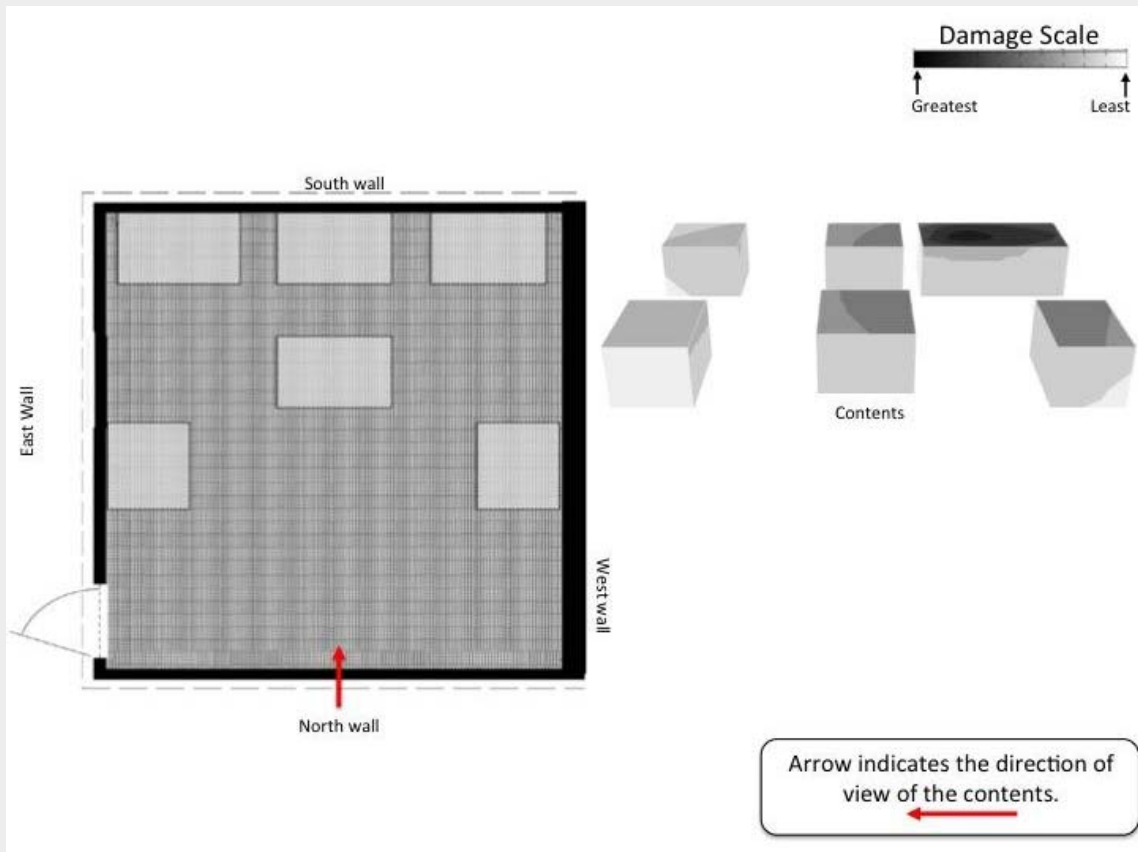
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



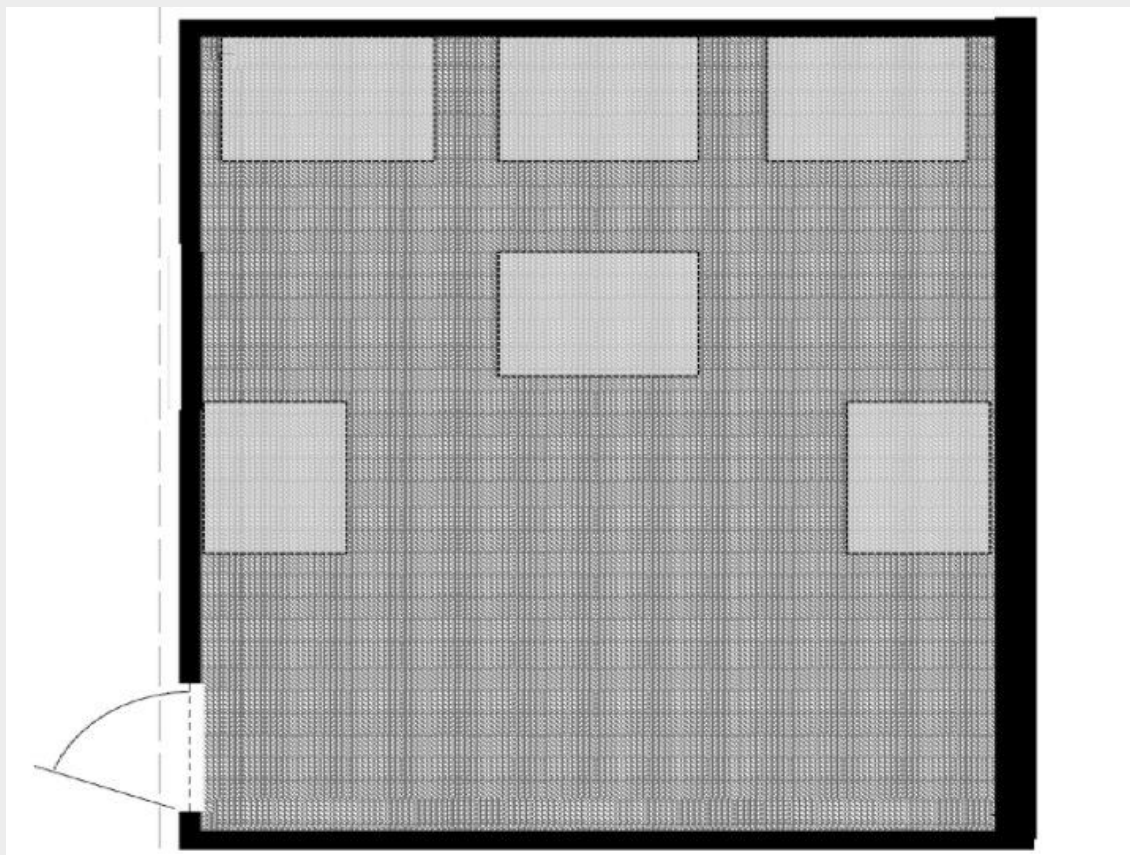
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



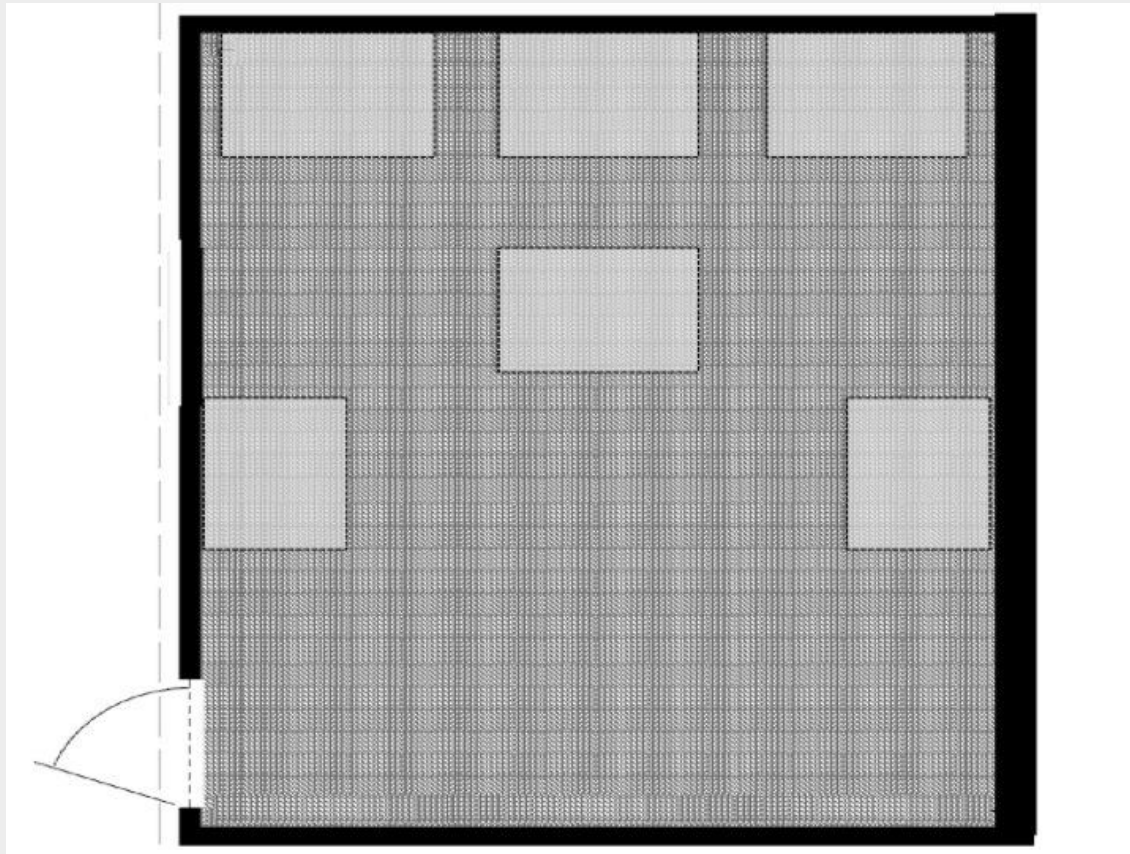
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



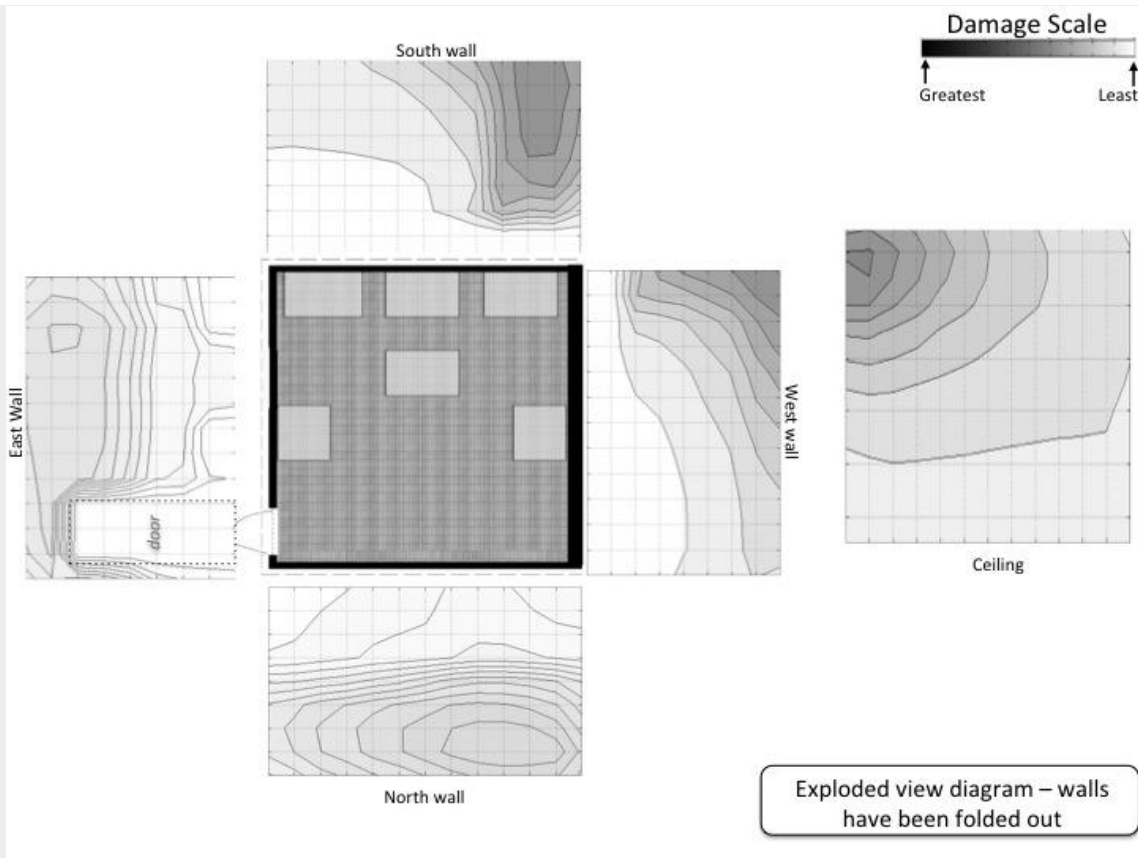
FP3, 1500, 900

#### Block 14

##### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

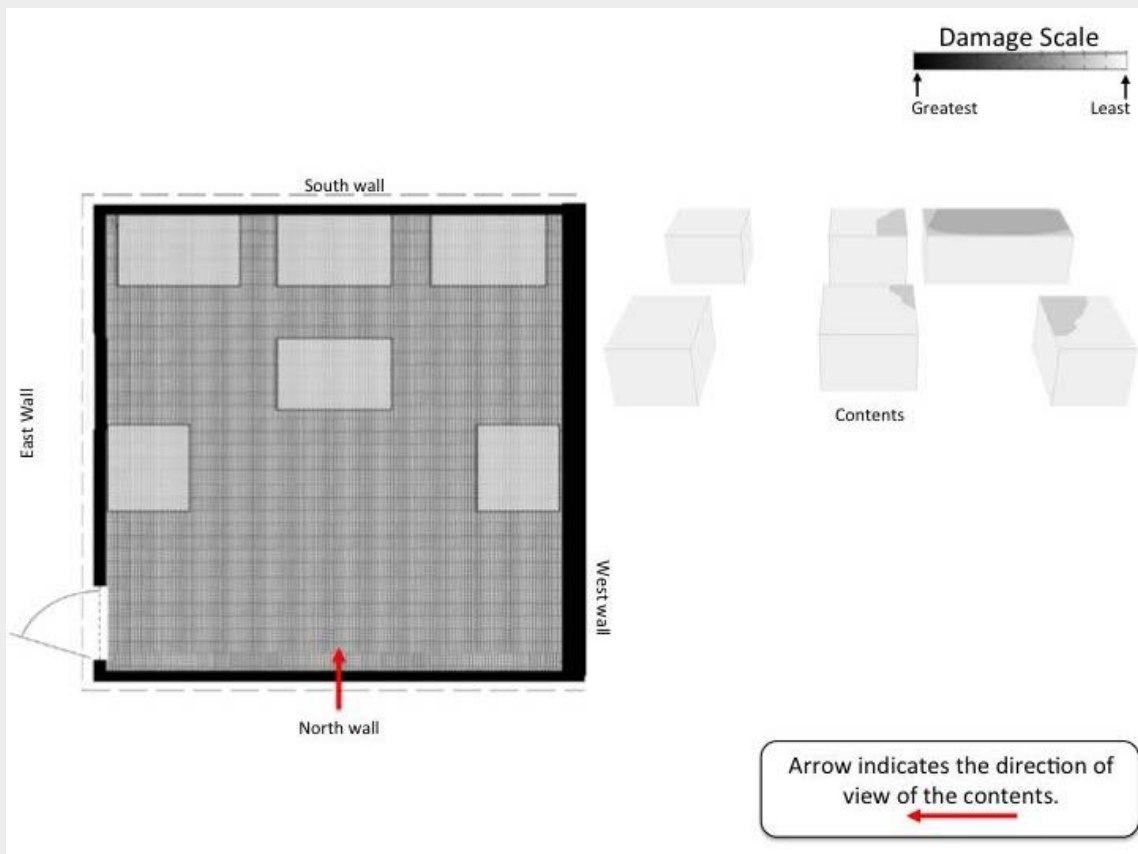
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustibles contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



**CONTOUR PLOTS OF DAMAGE - CONTENTS**

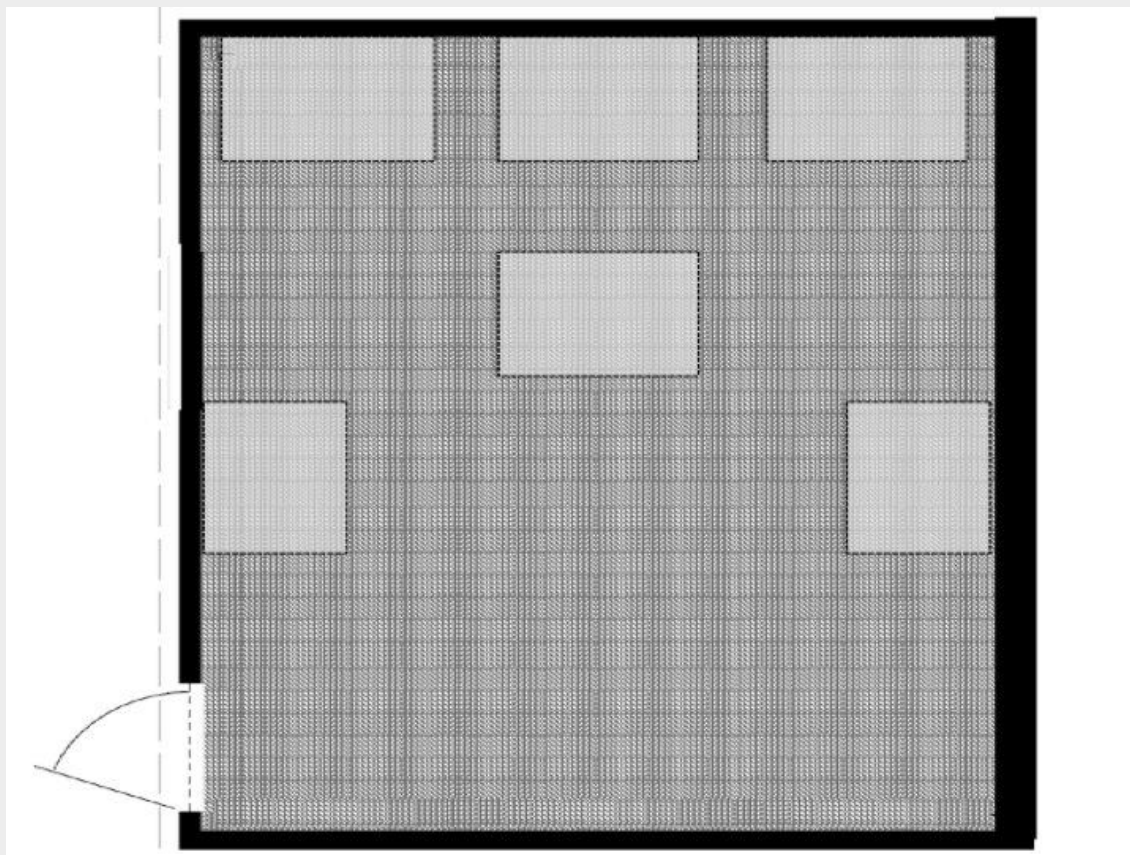
Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.





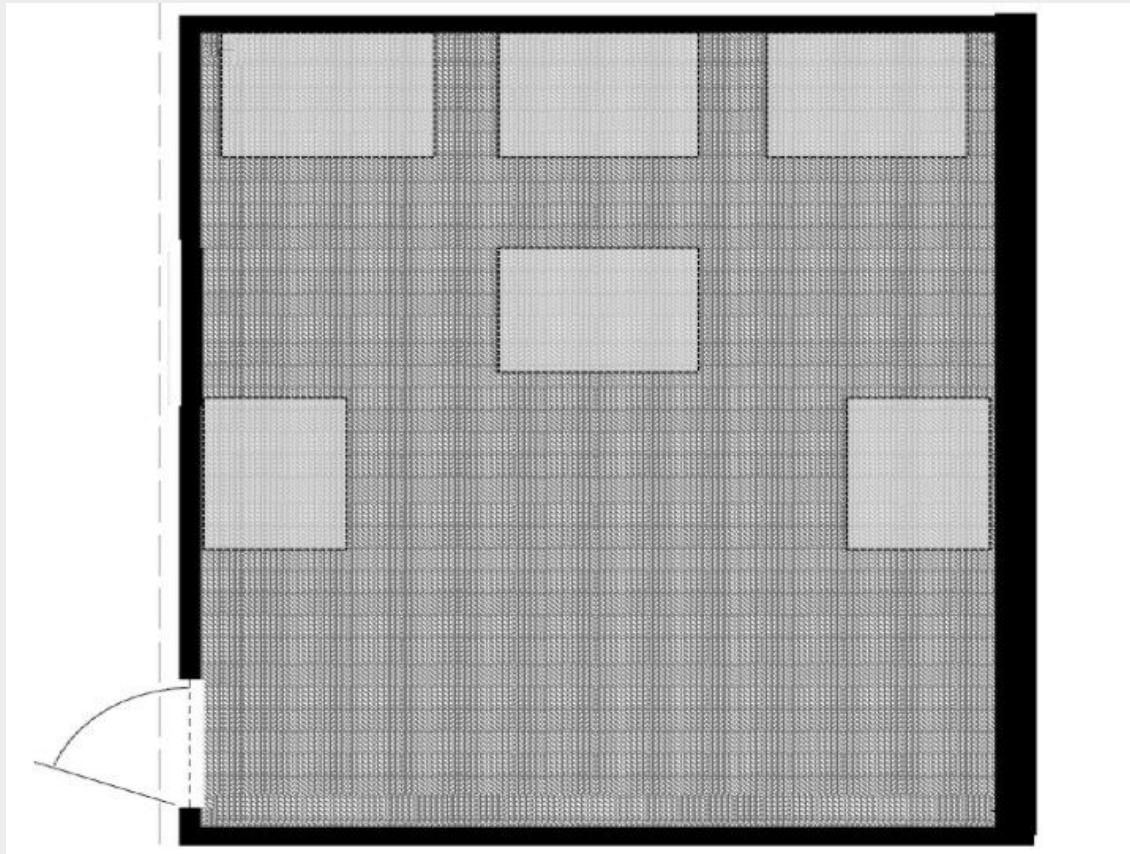
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



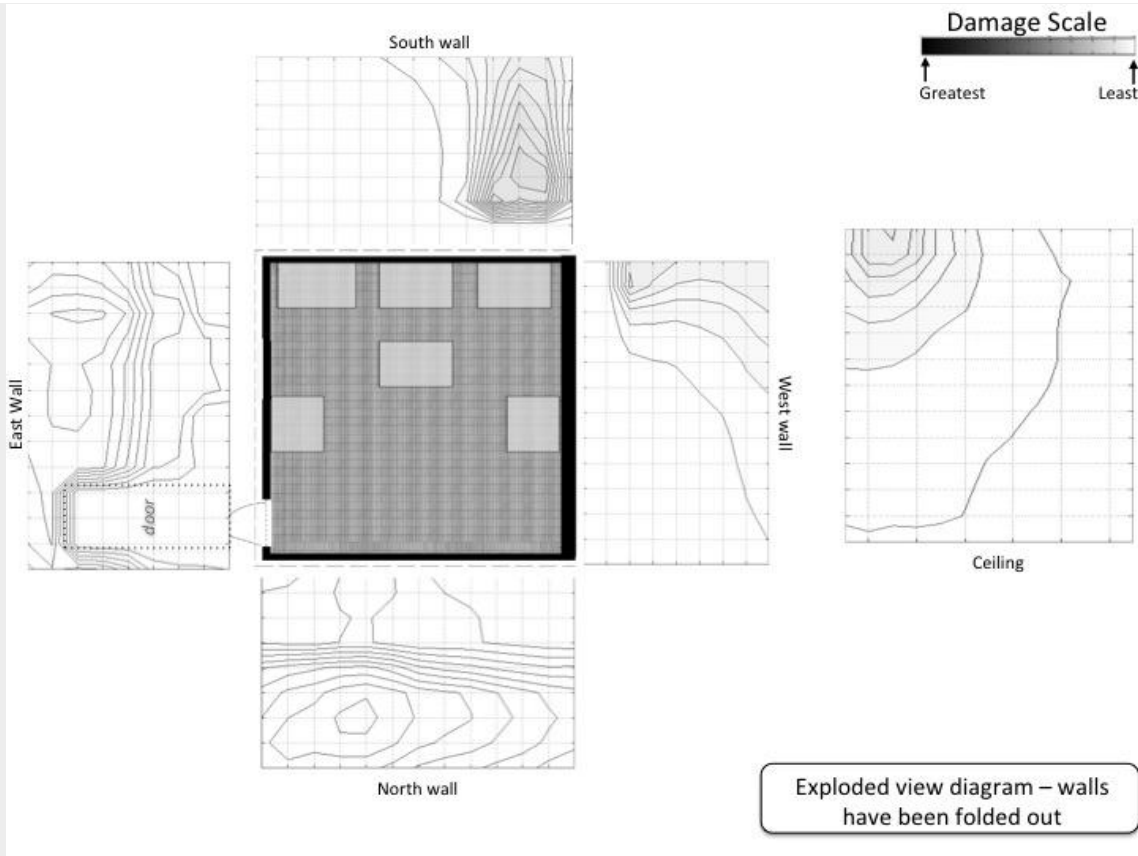
FP3, 1500, 360

### Block 13

#### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

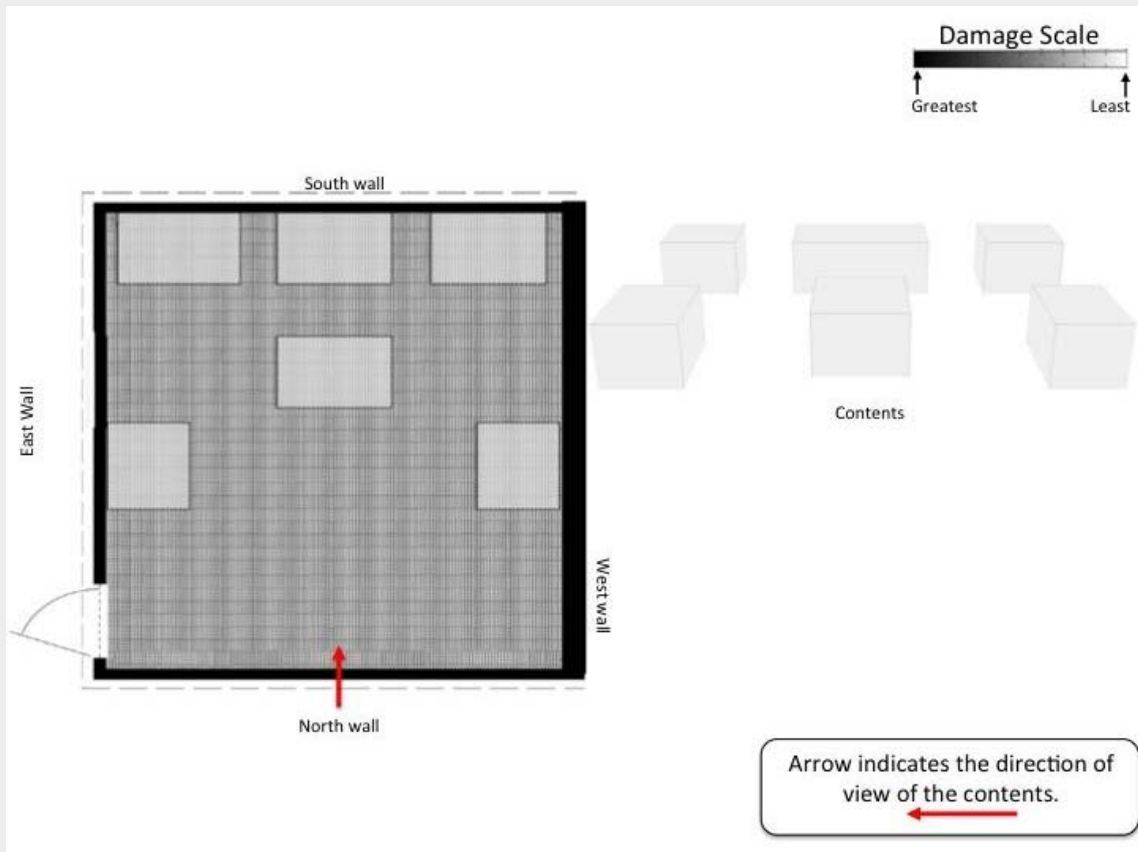
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



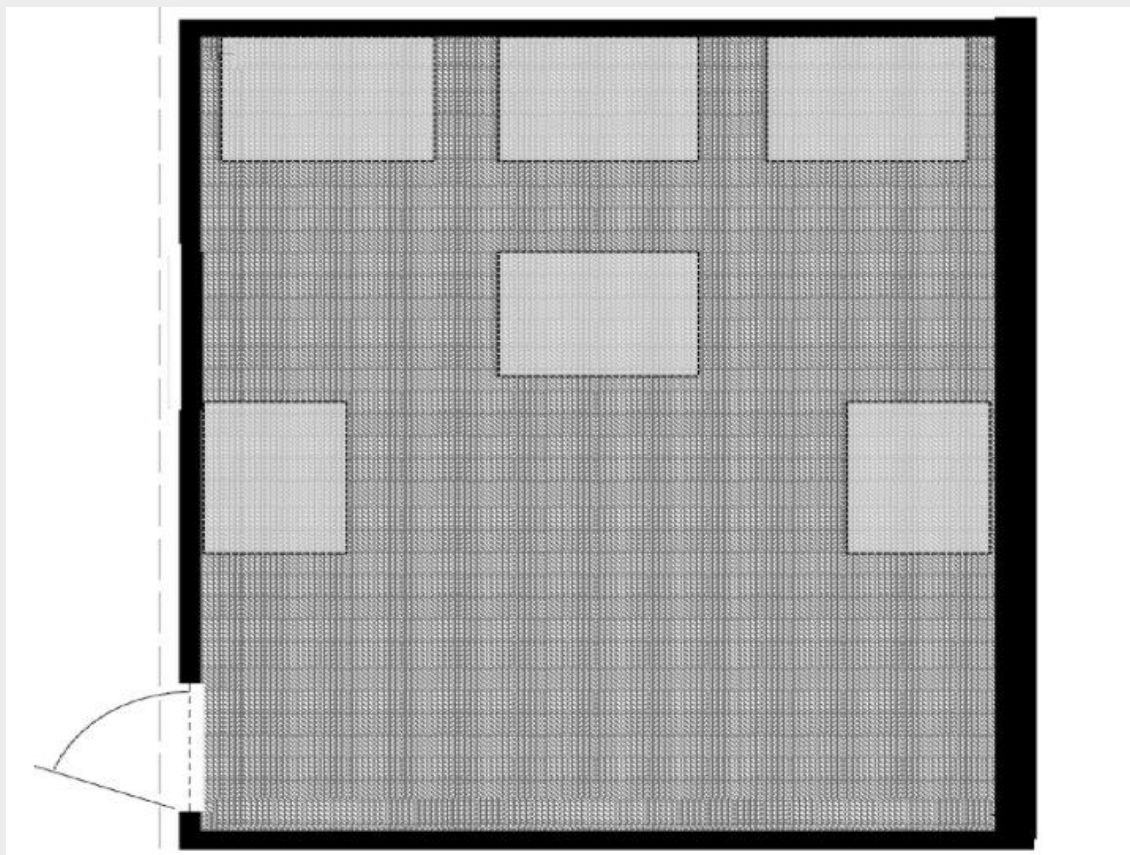
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



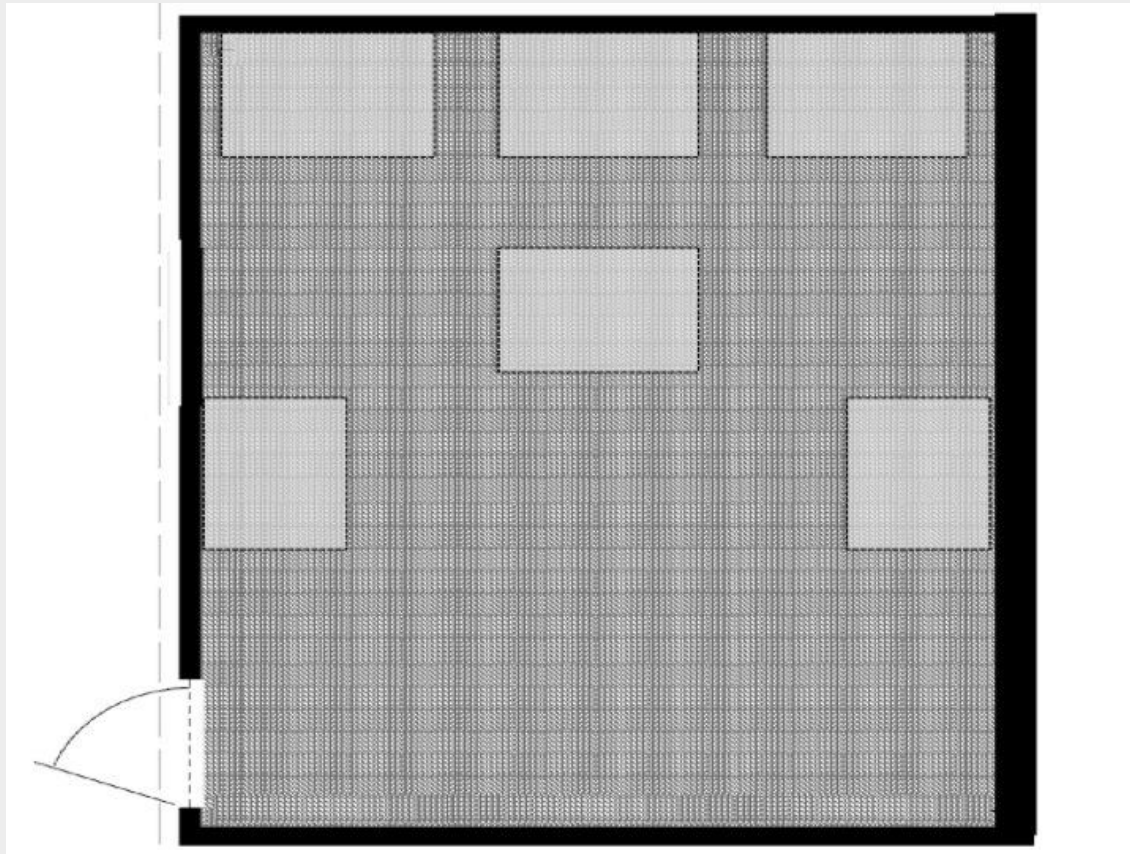
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



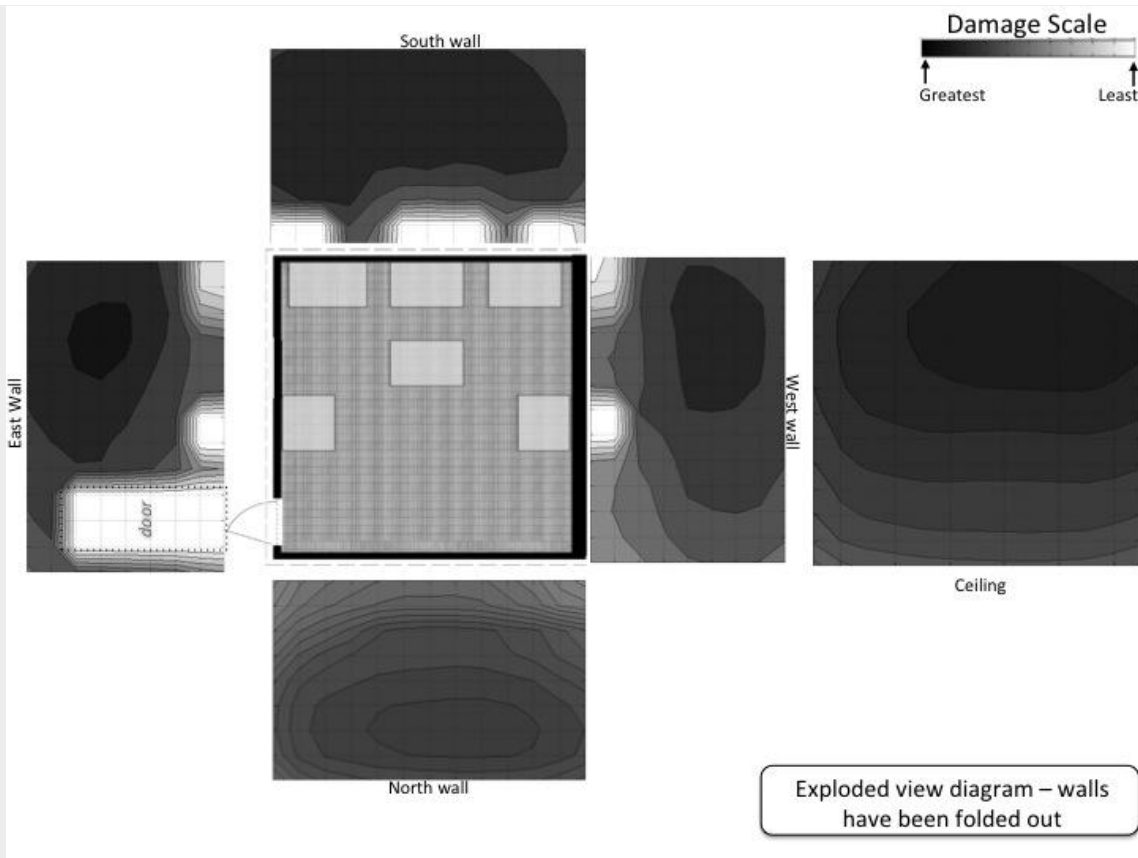
FP3, 1500, 120

## Block 12

### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

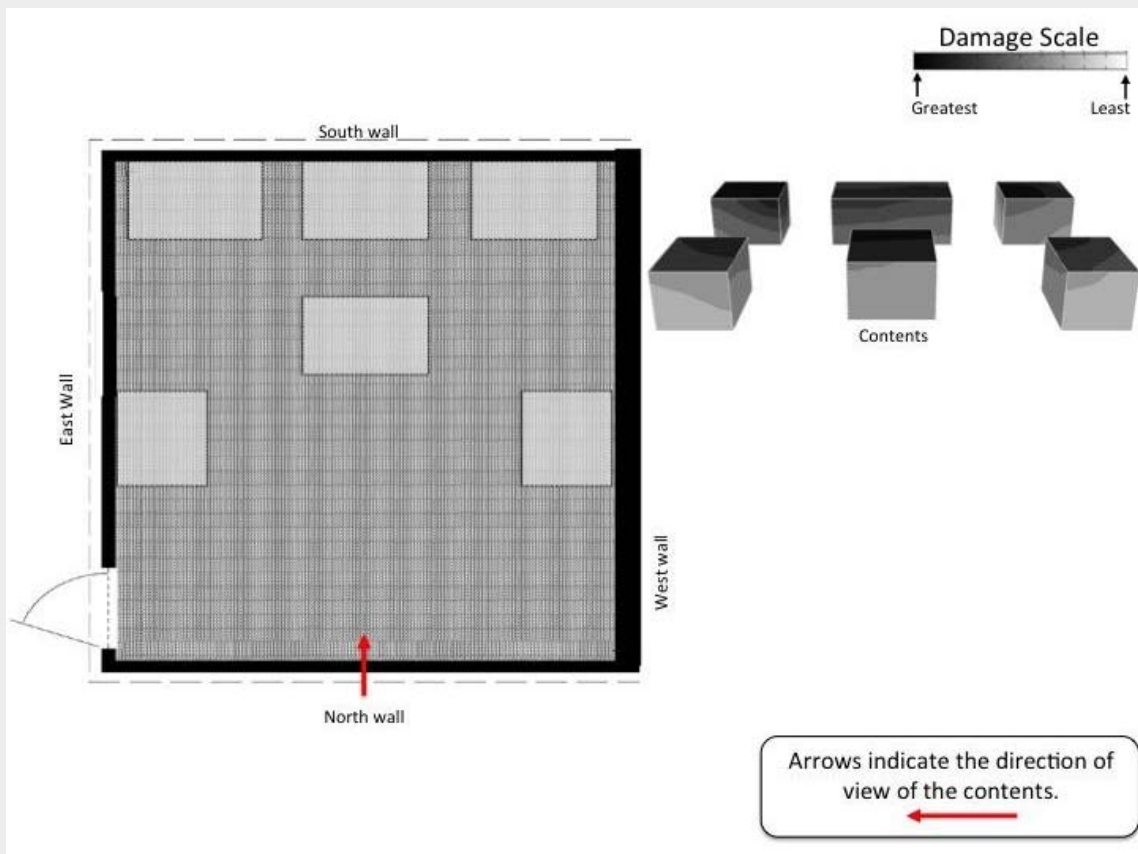
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



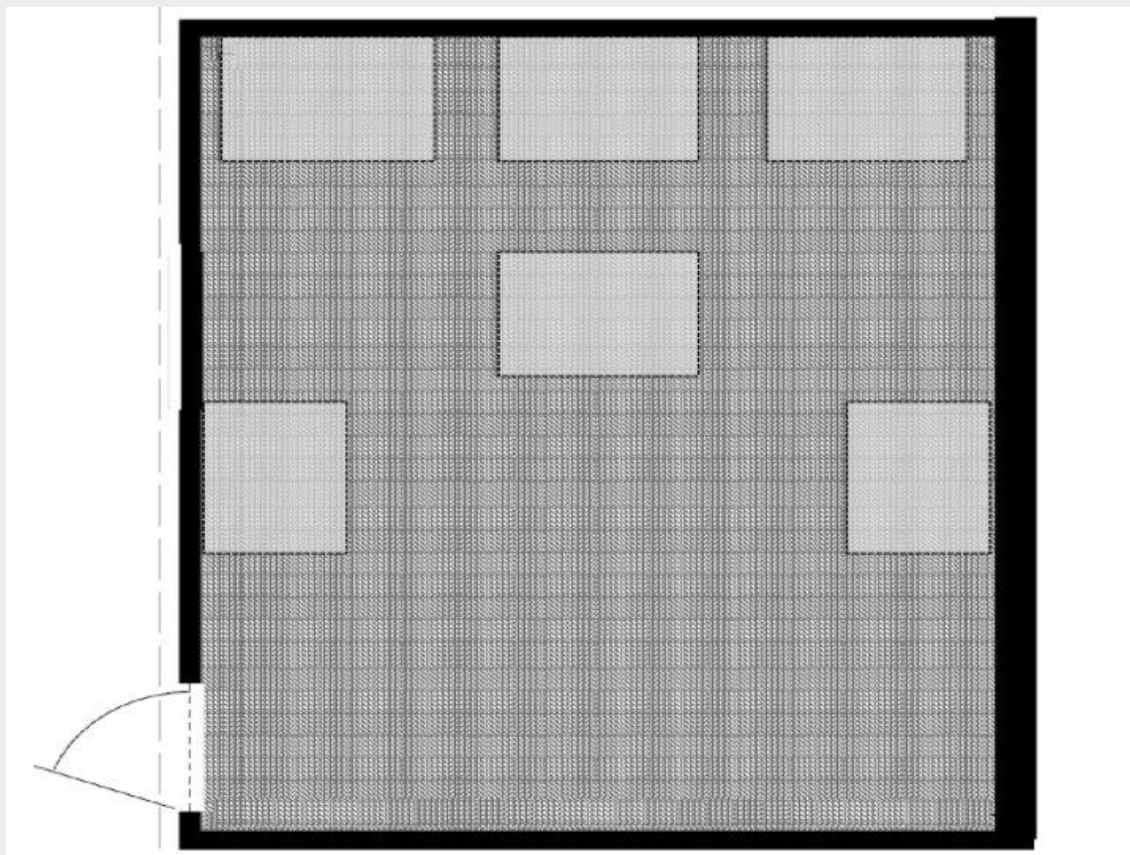
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



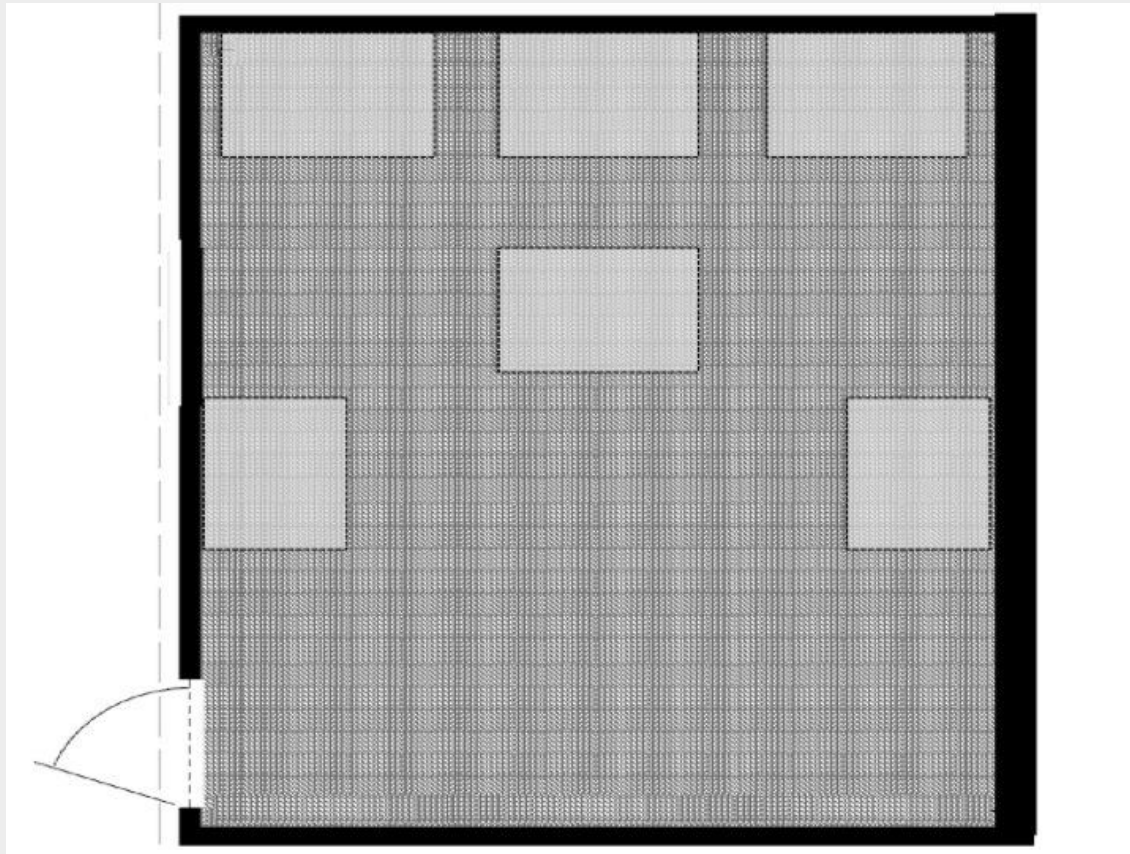
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



FP2, 4000, 900

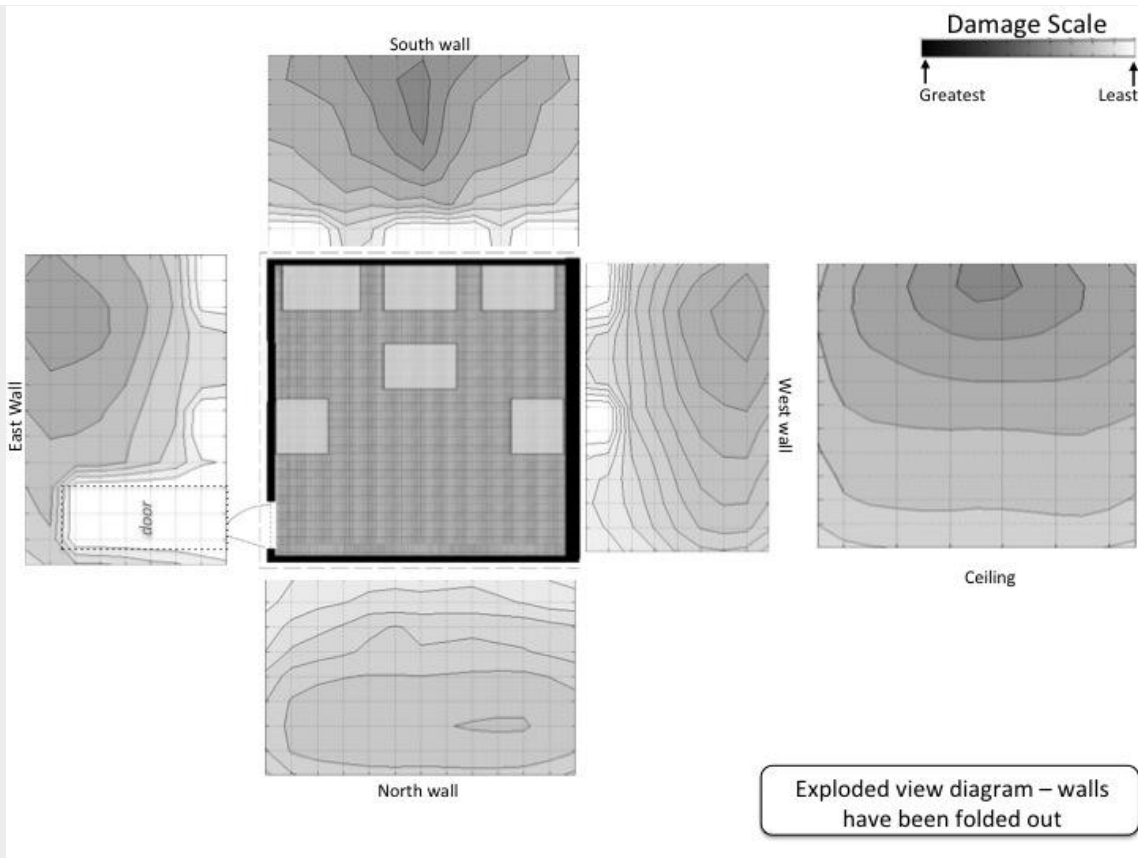
#### Block 11

#### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustibles contents.

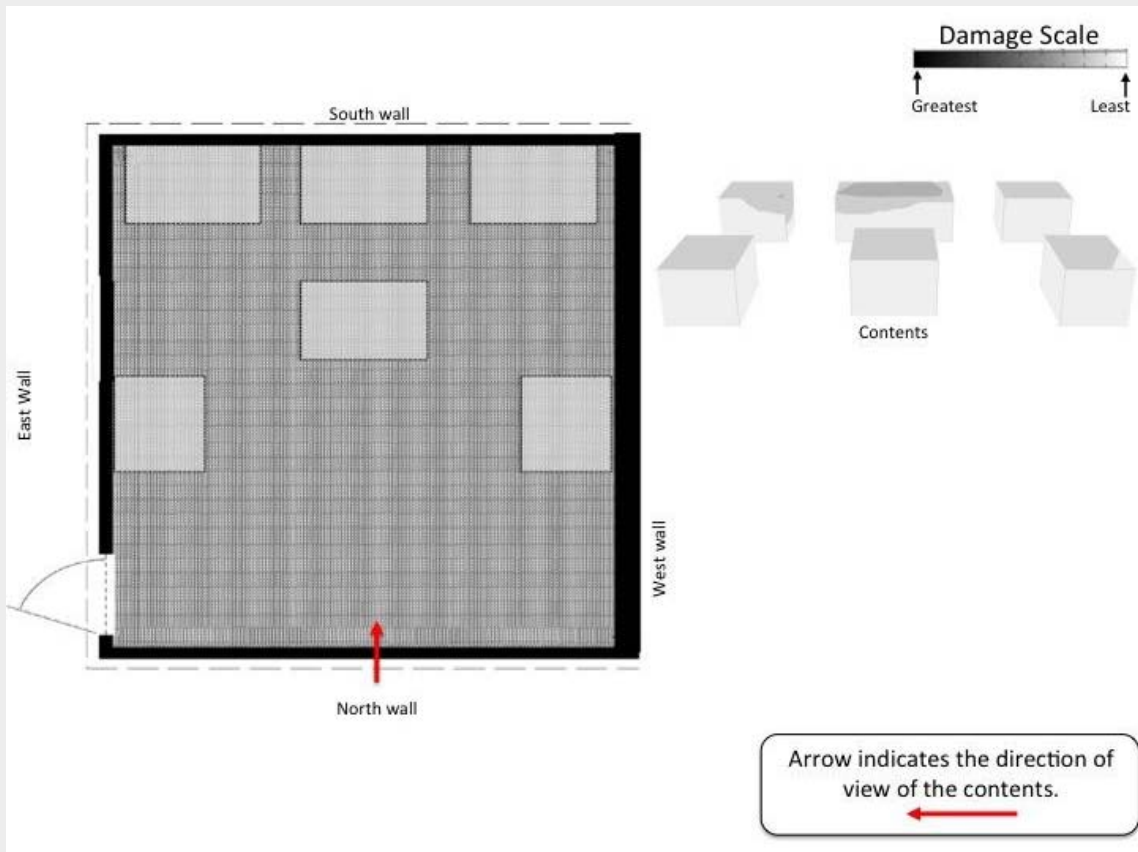
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.





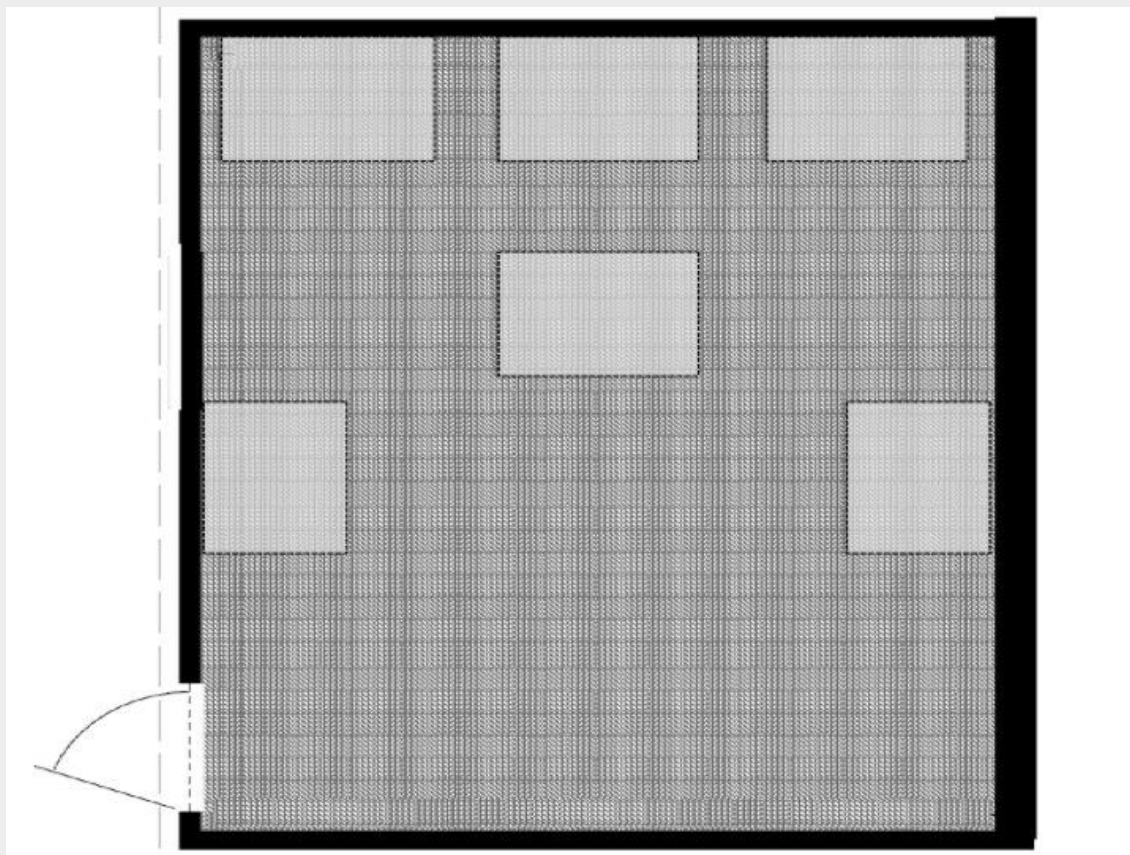
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



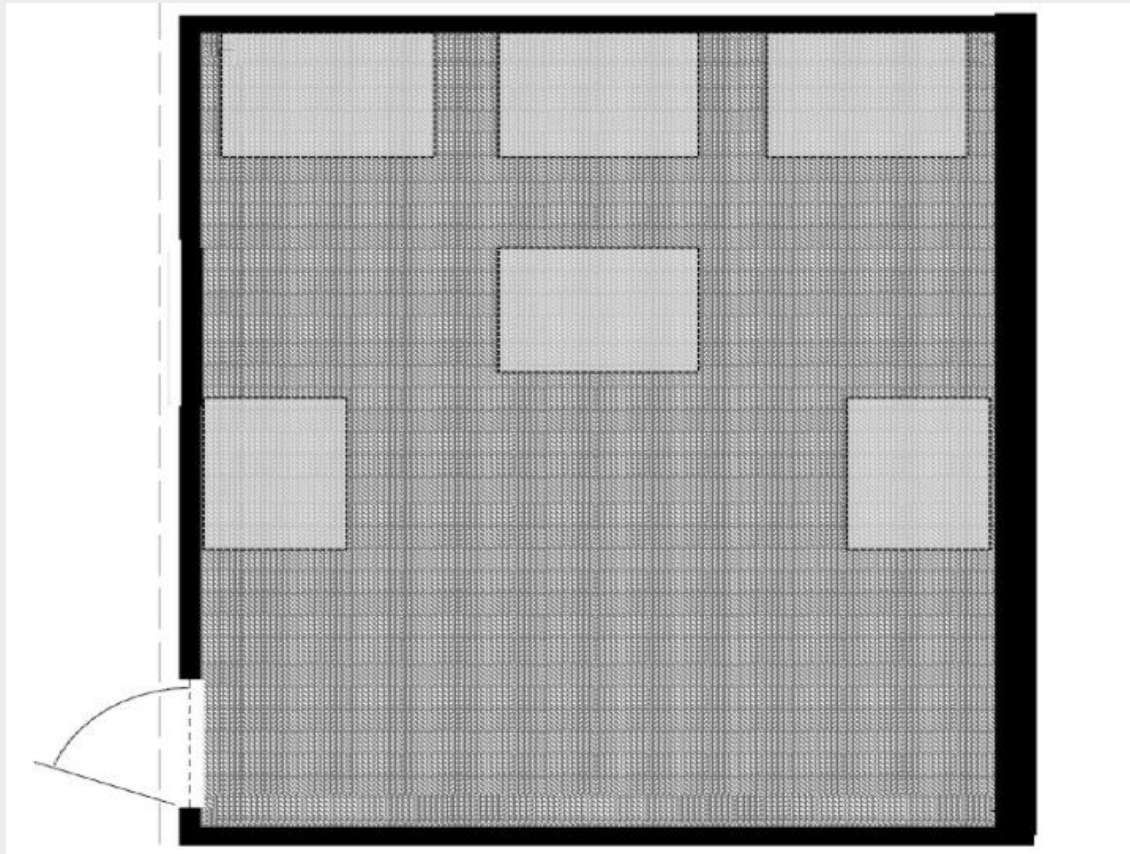
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



FP2, 4000, 360

#### Block 10

##### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

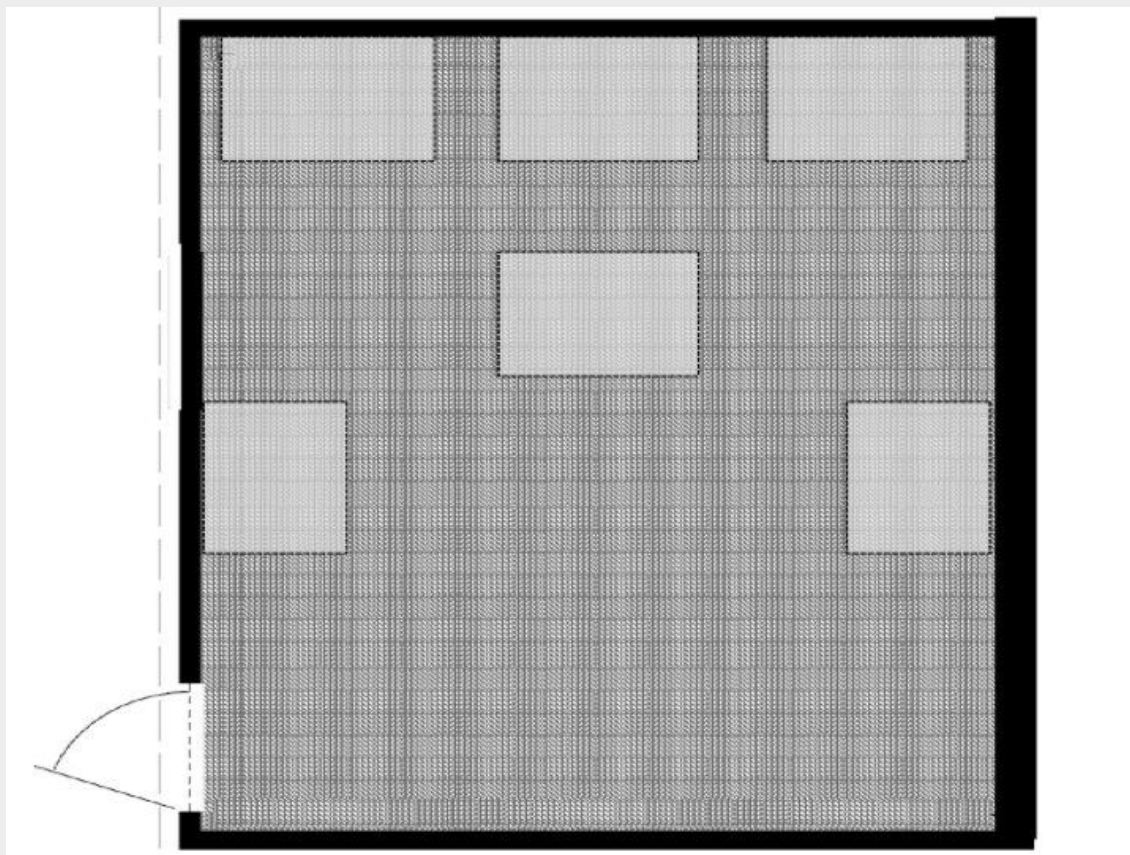
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



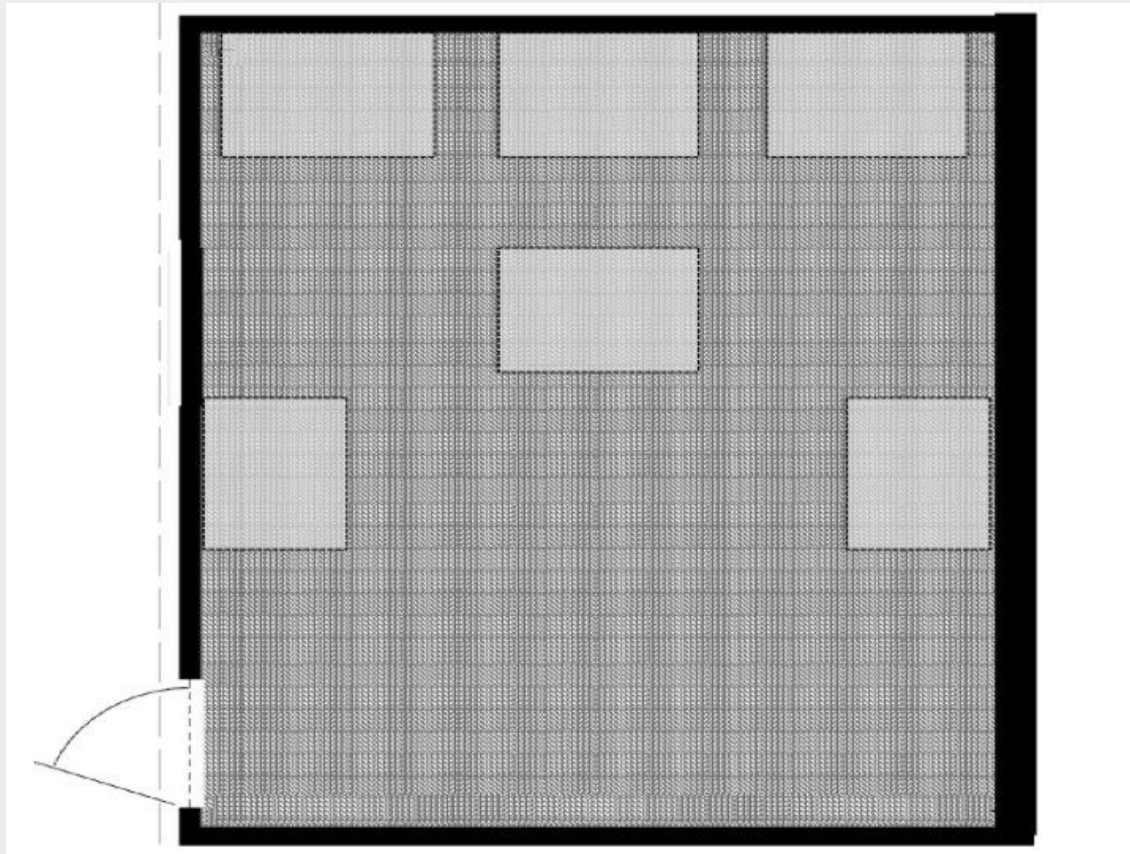
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



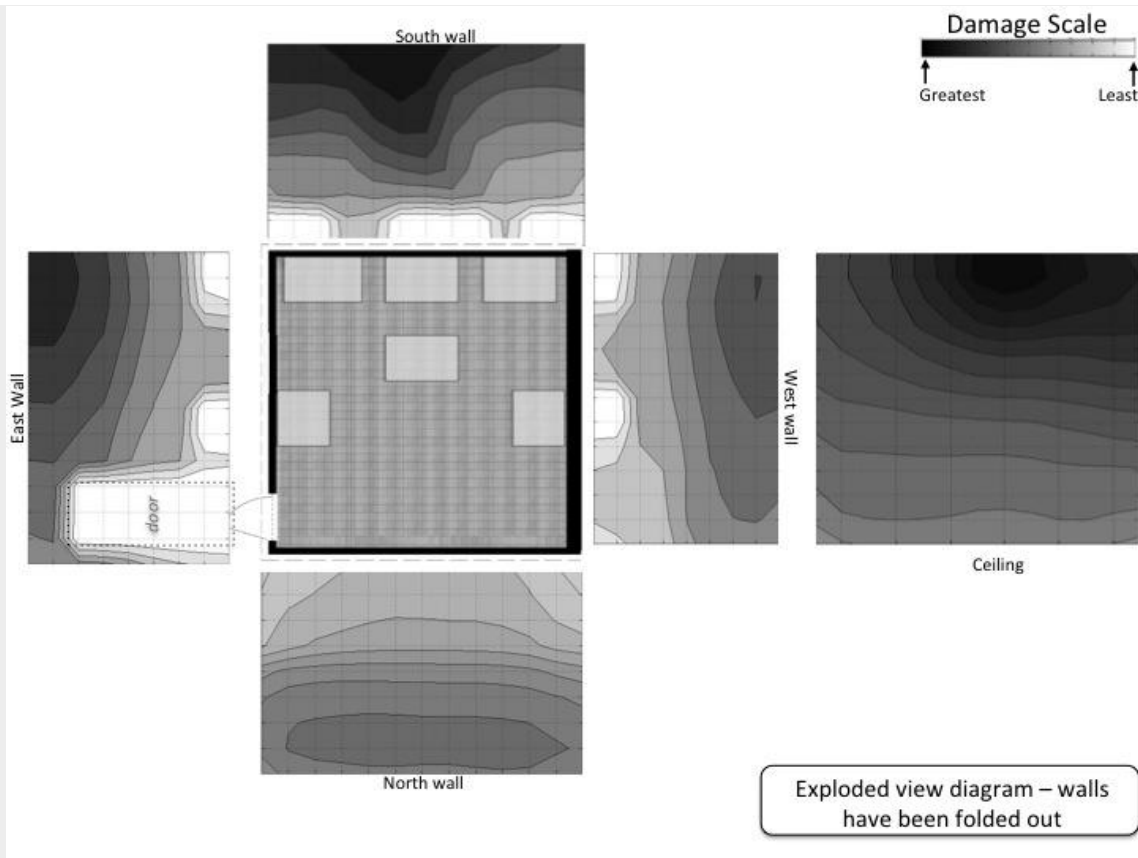
FP2, 4000, 120

### Block 9

#### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

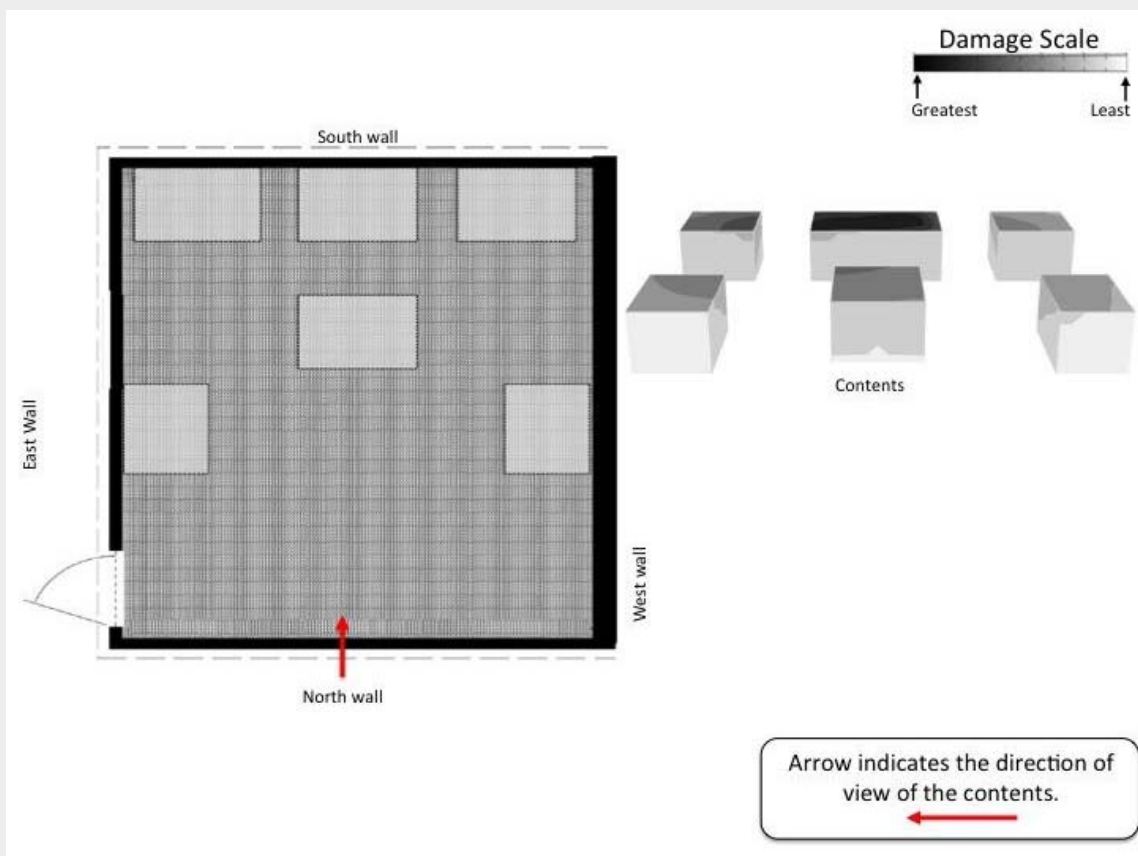
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



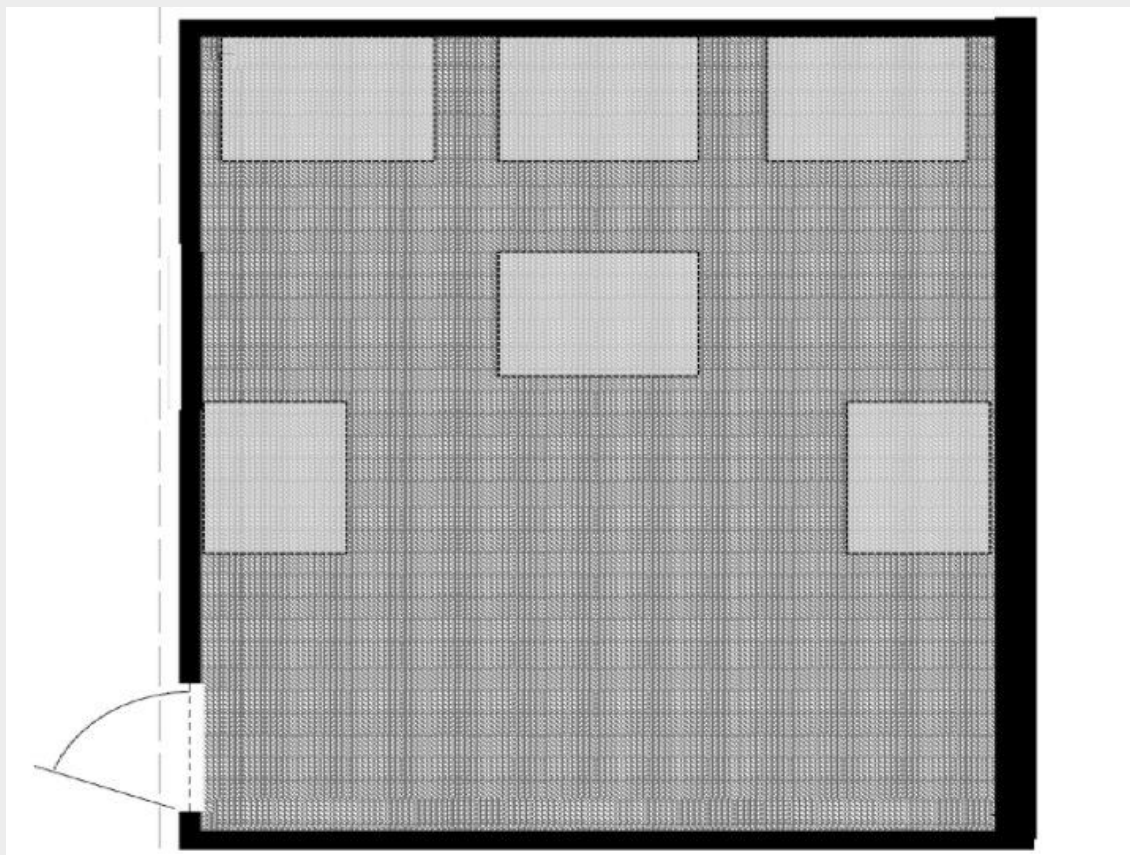
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



**Center of the Area of Origin Determination**

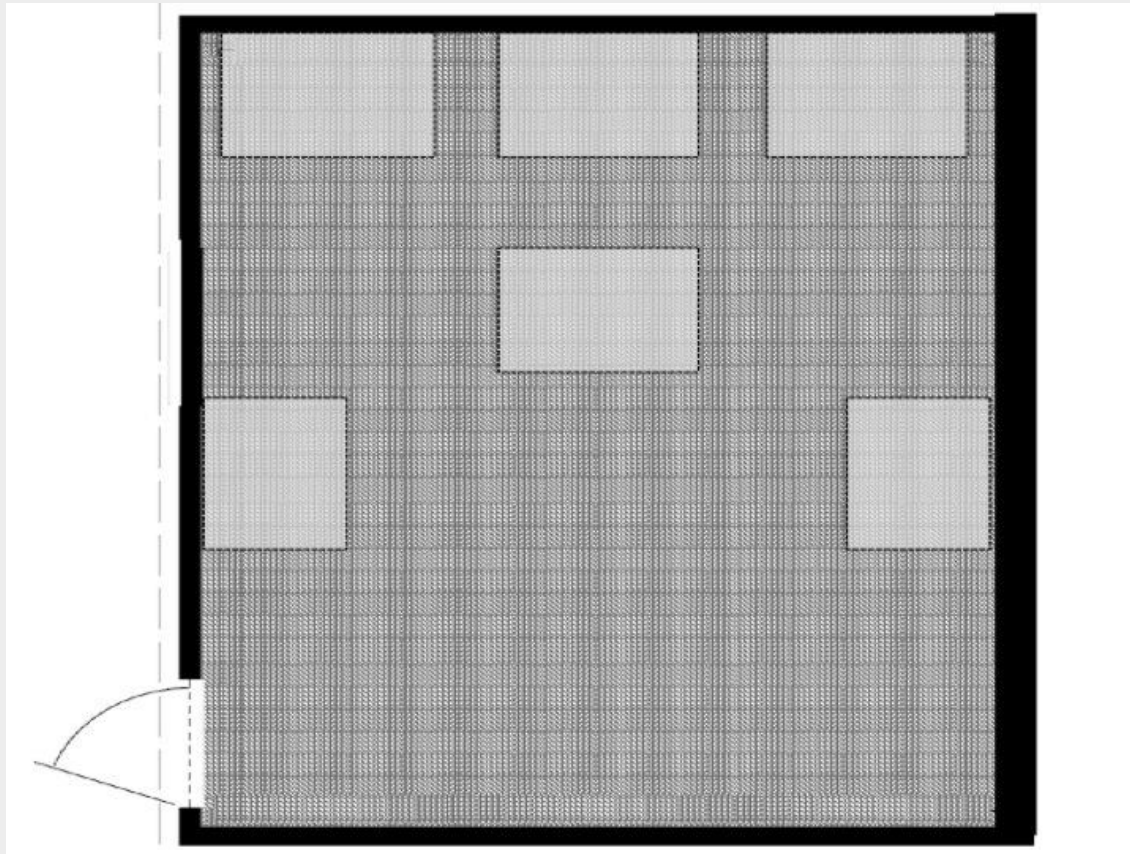
Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.





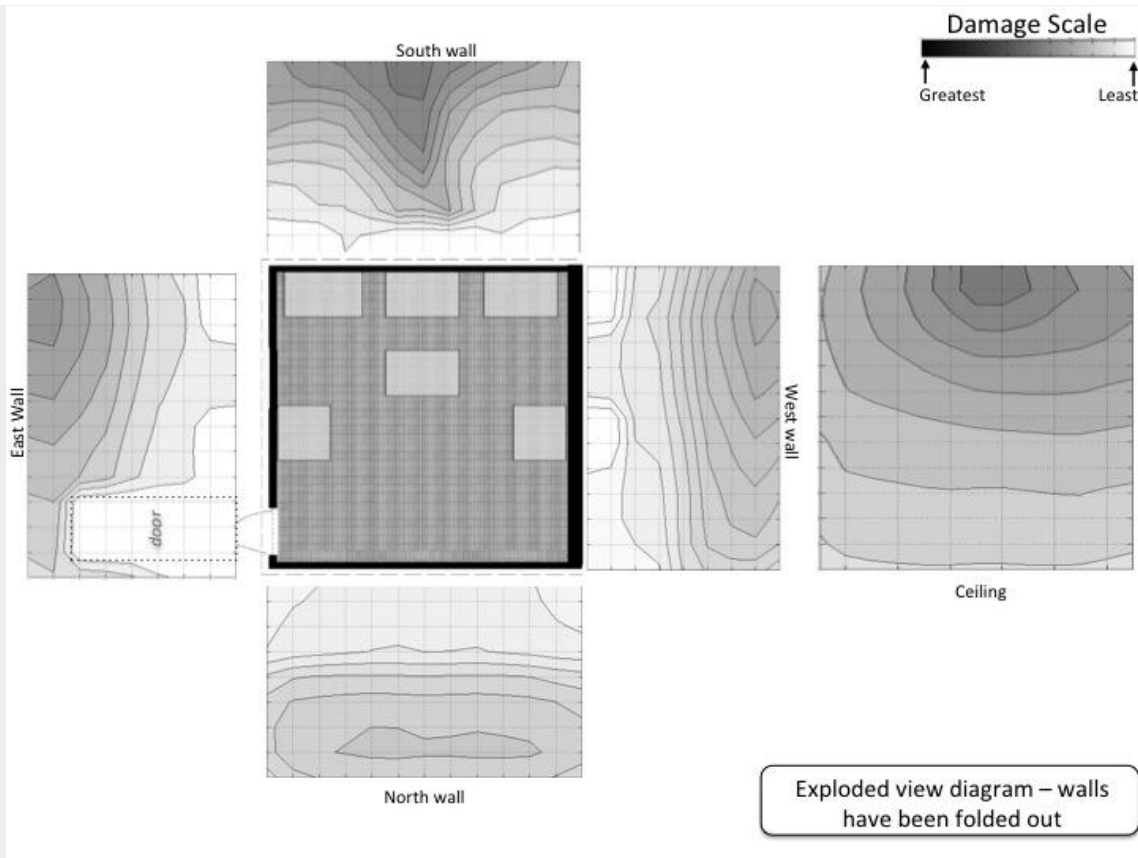
FP2, 1500, 900

### Block 8

#### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

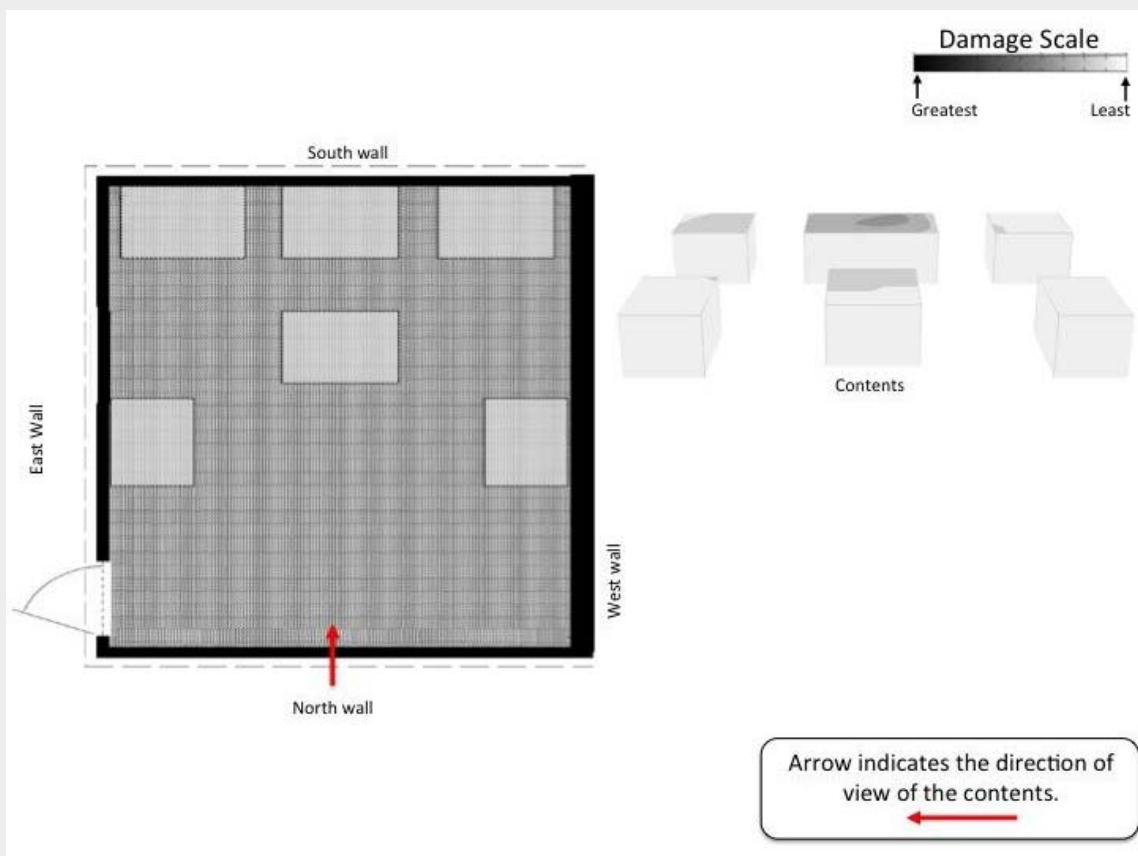
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustibles contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



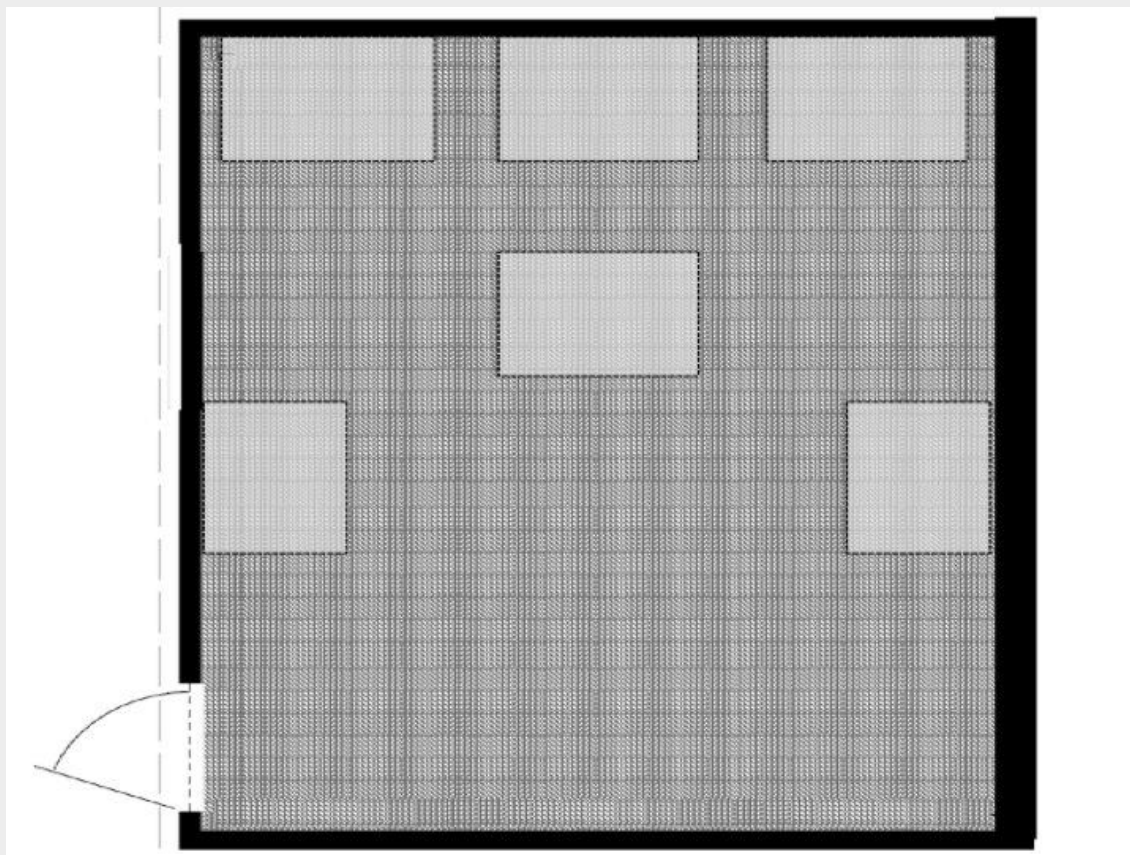
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



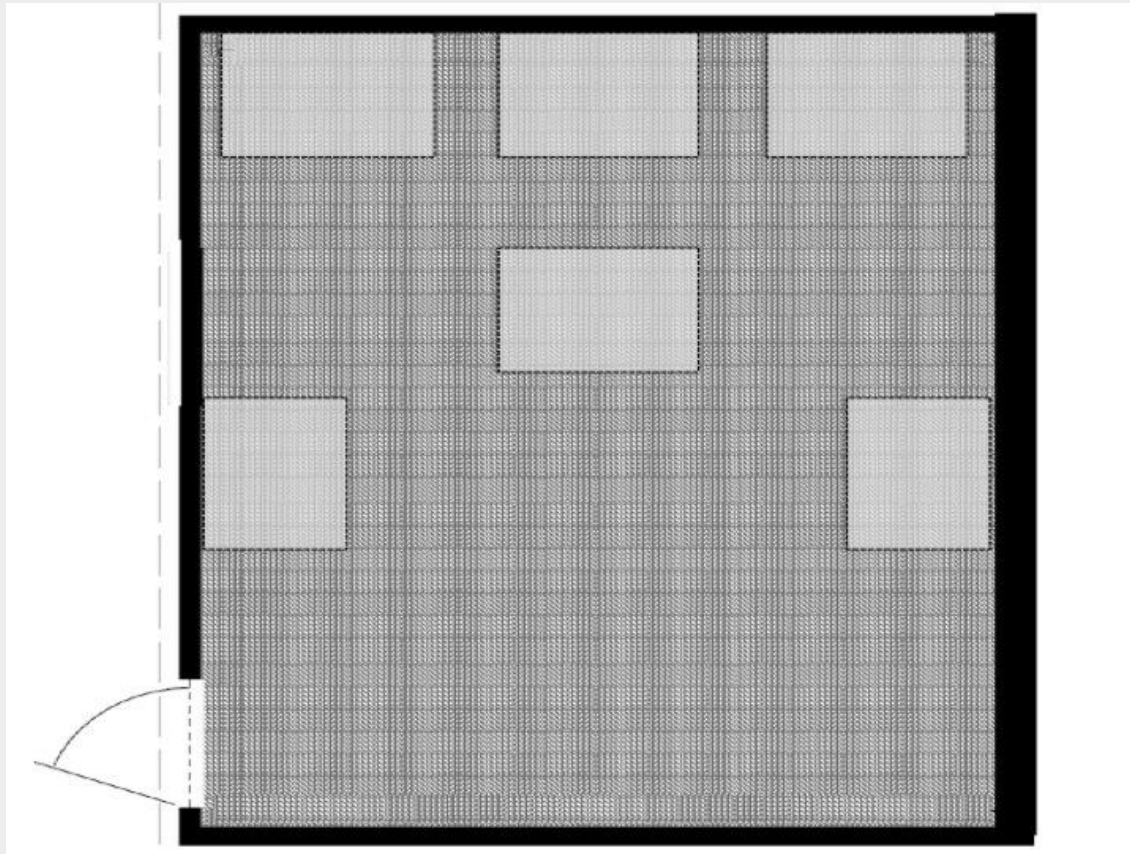
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



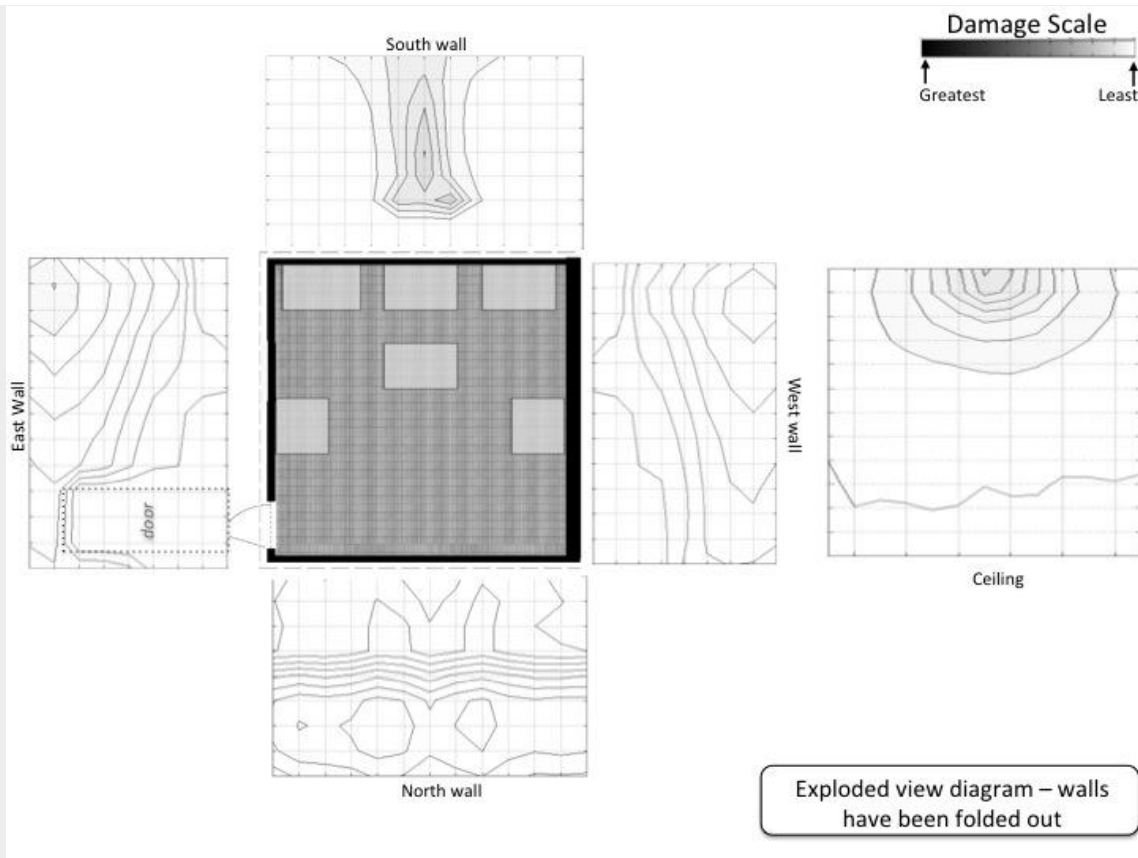
FP2, 1500, 360

#### Block 7

#### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

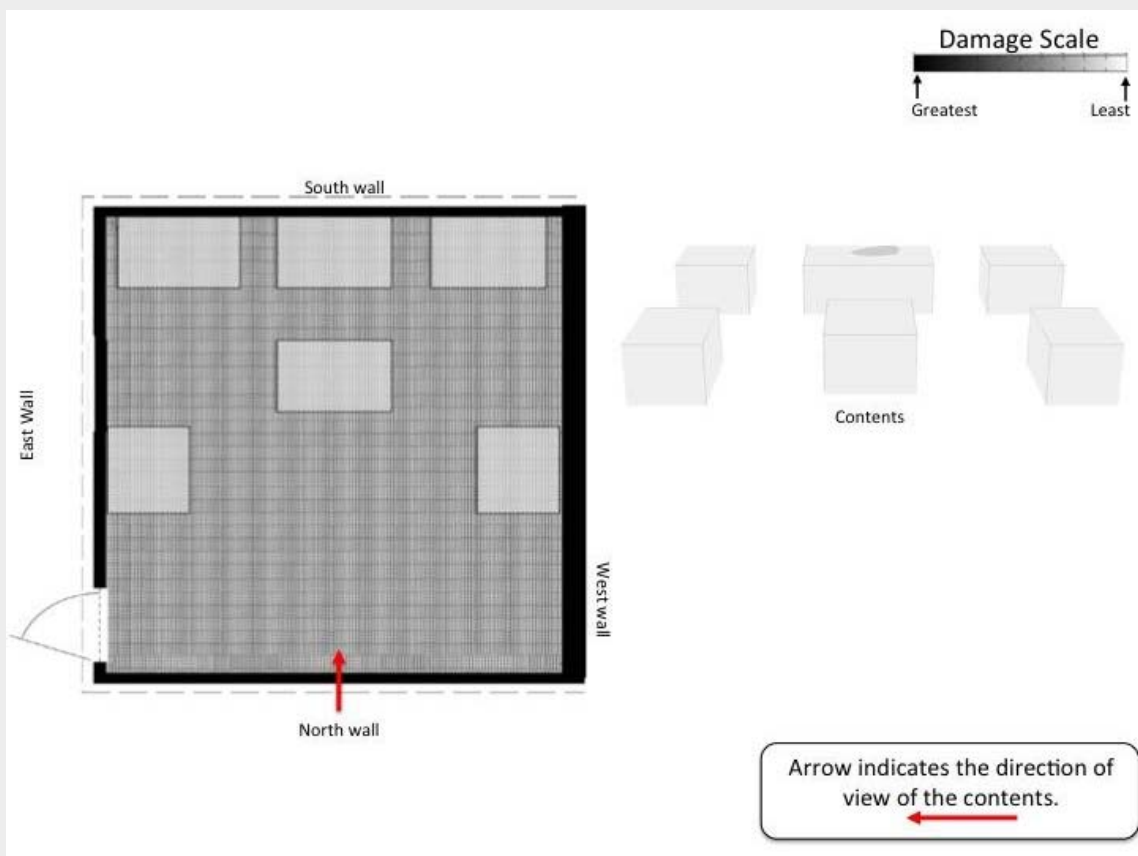
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



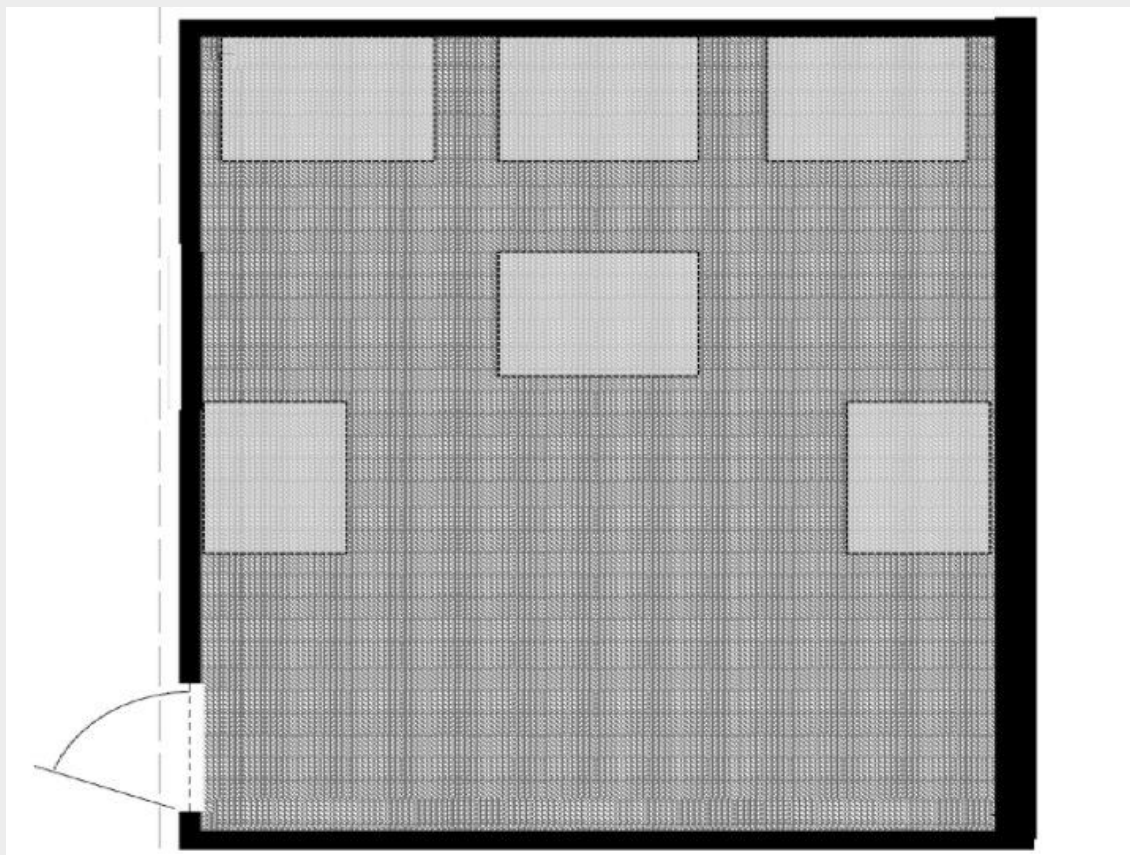
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



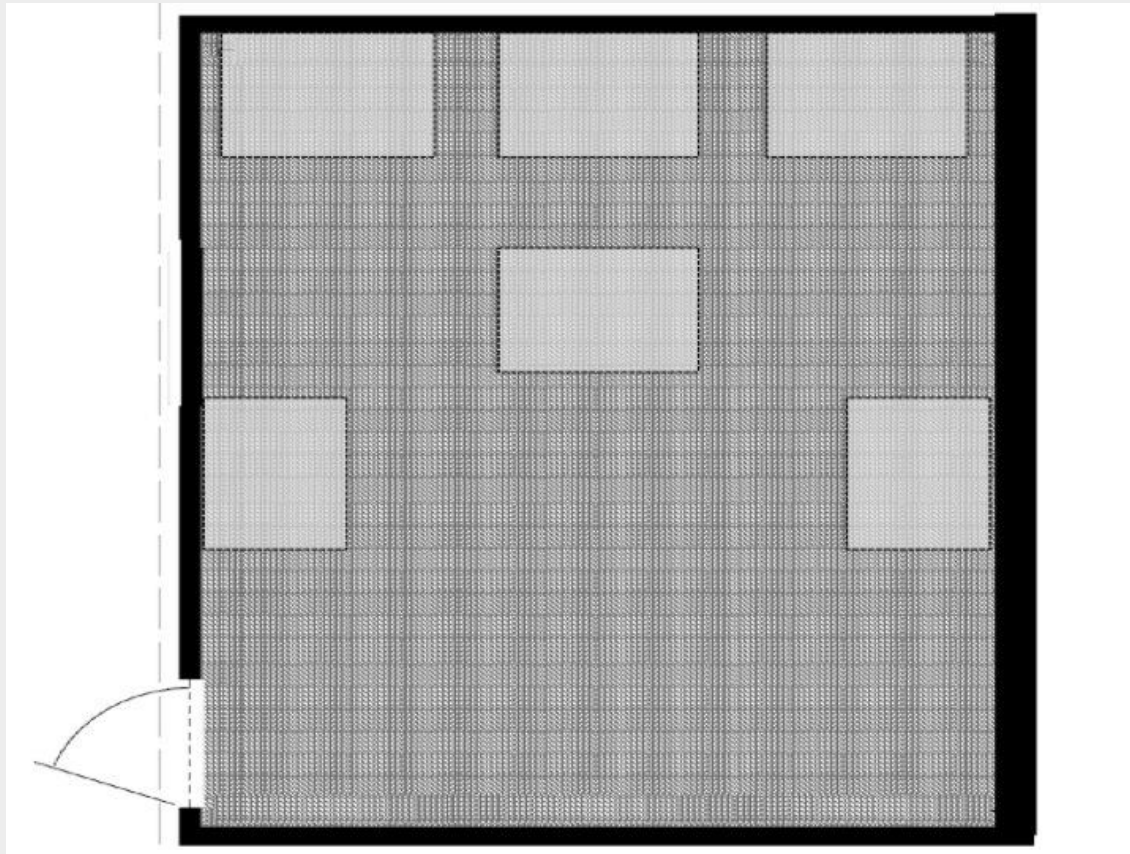
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



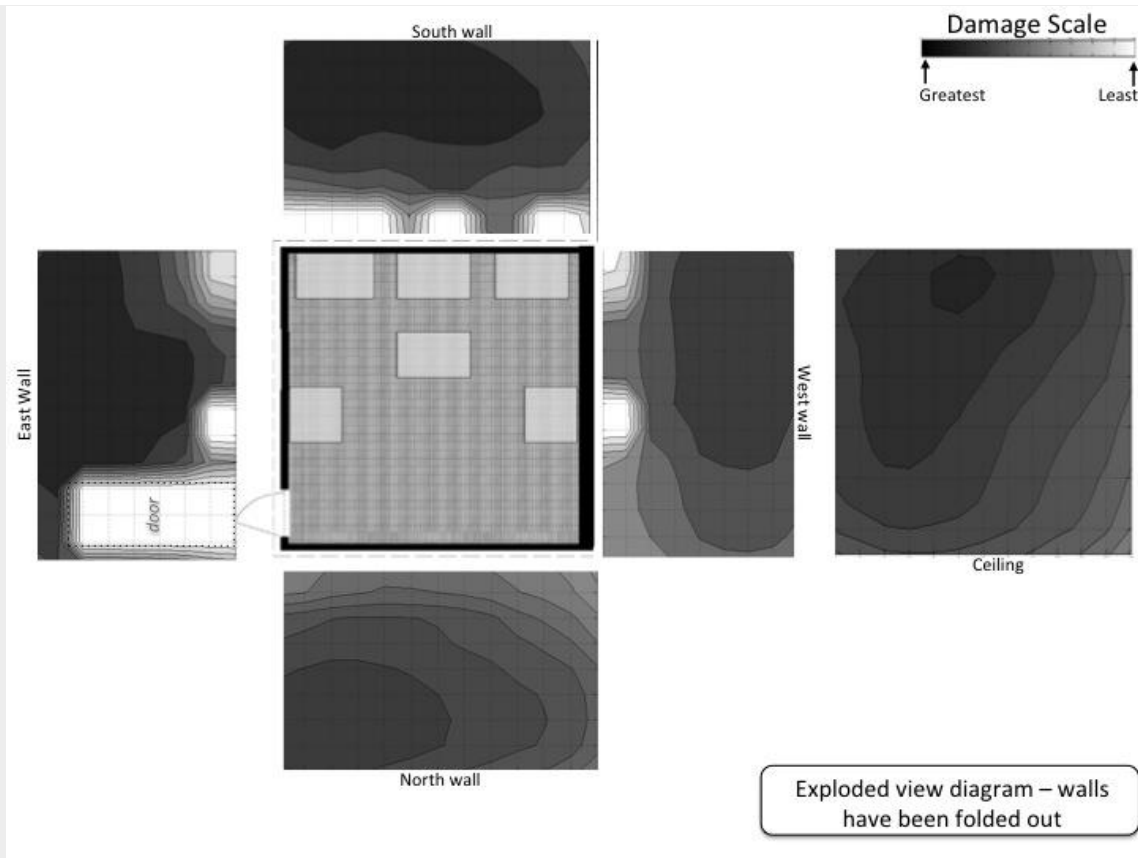
FP2, 1500, 120

#### Block 6

#### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

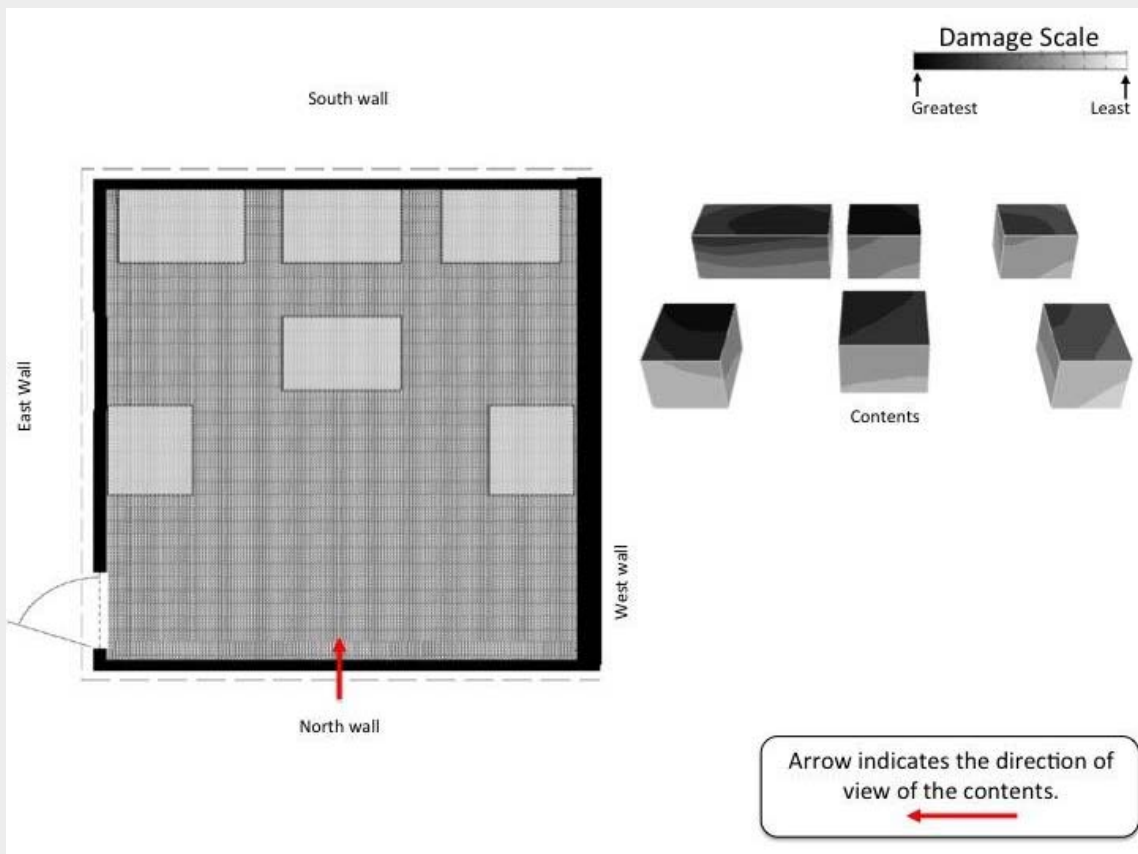
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



### CONTOUR PLOTS OF DAMAGE - CONTENTS

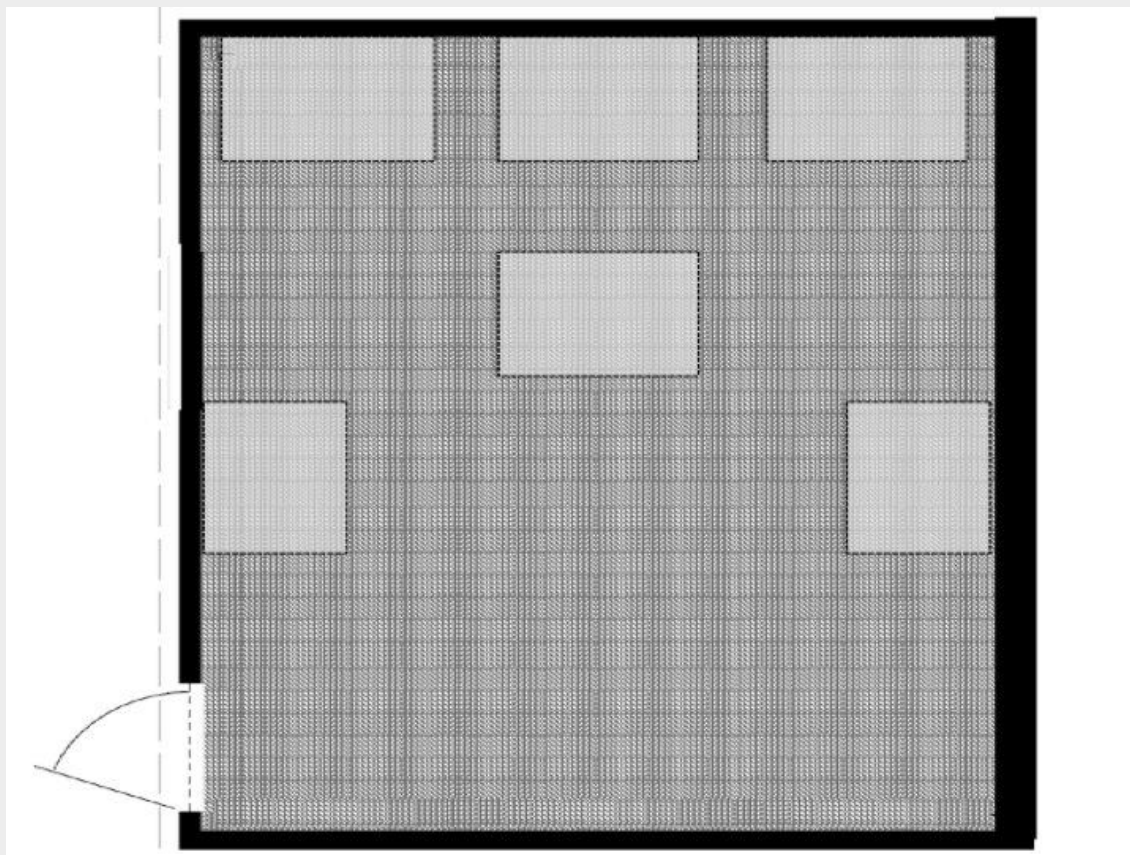
Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.





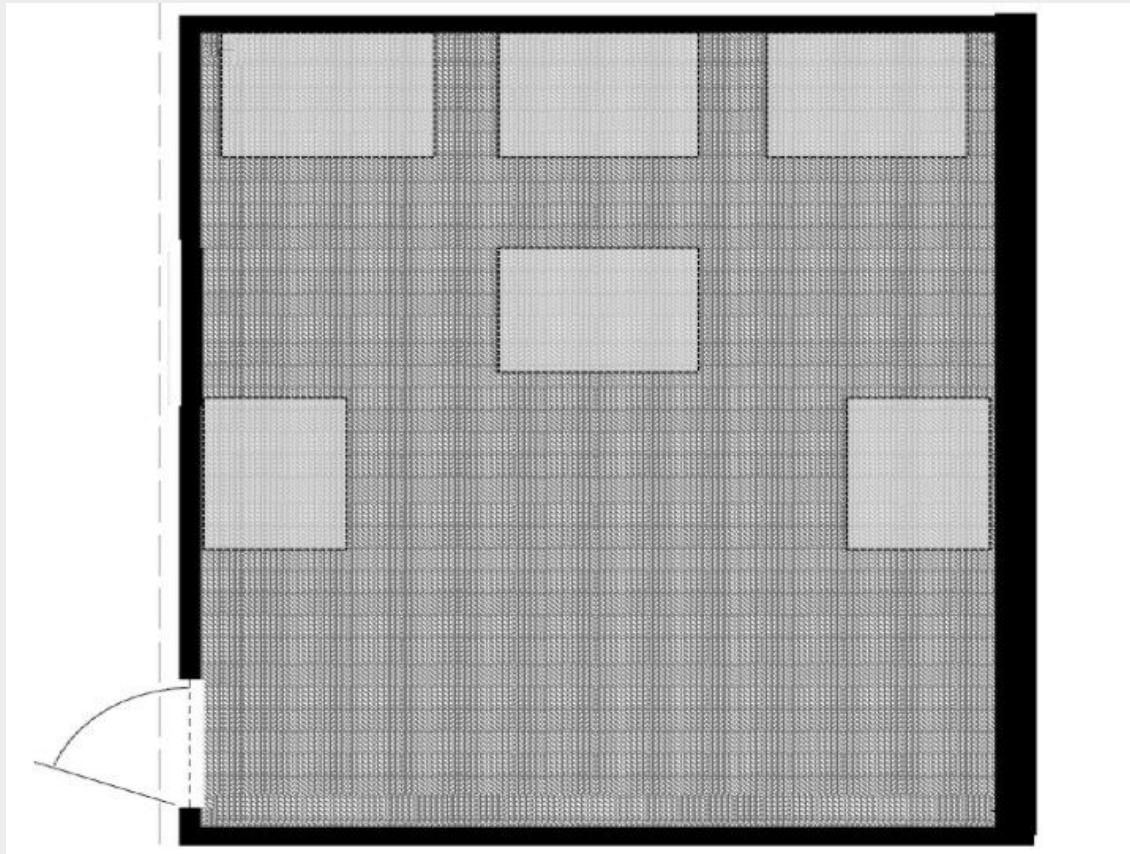
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



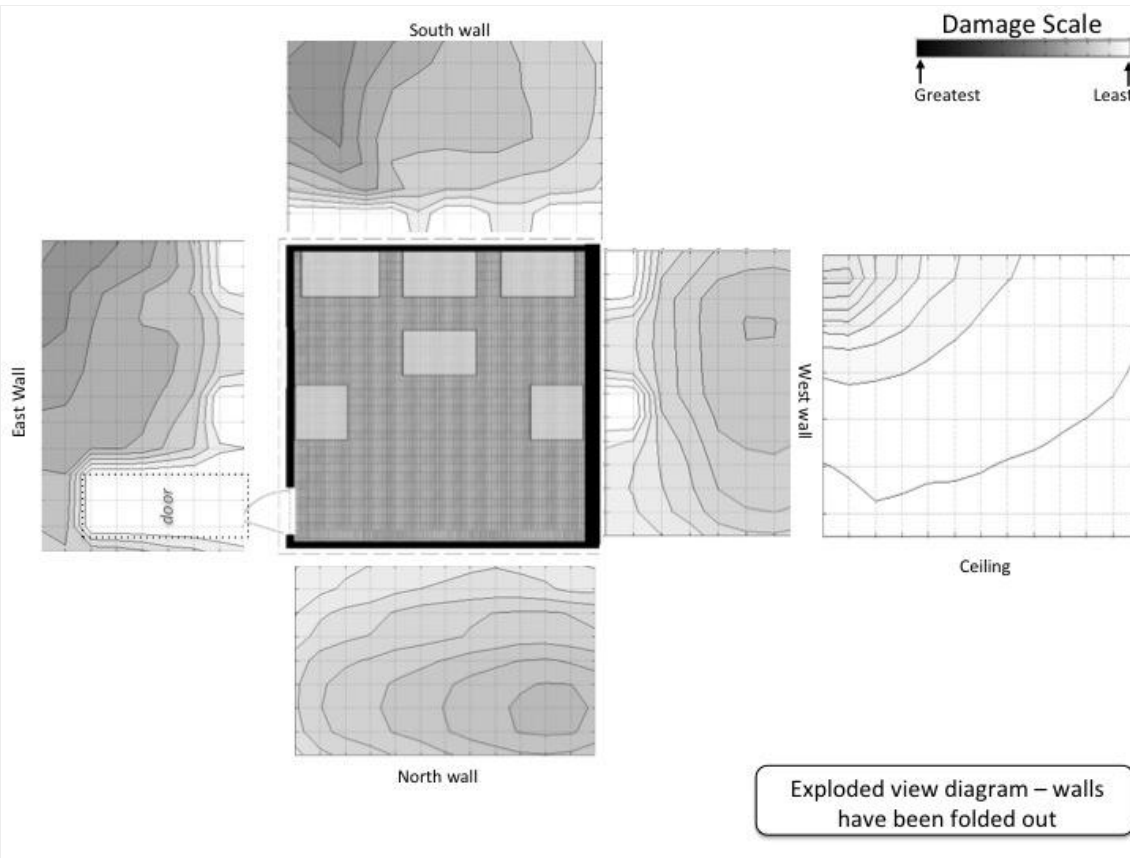
FP1, 4000, 900

#### Block 5

#### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

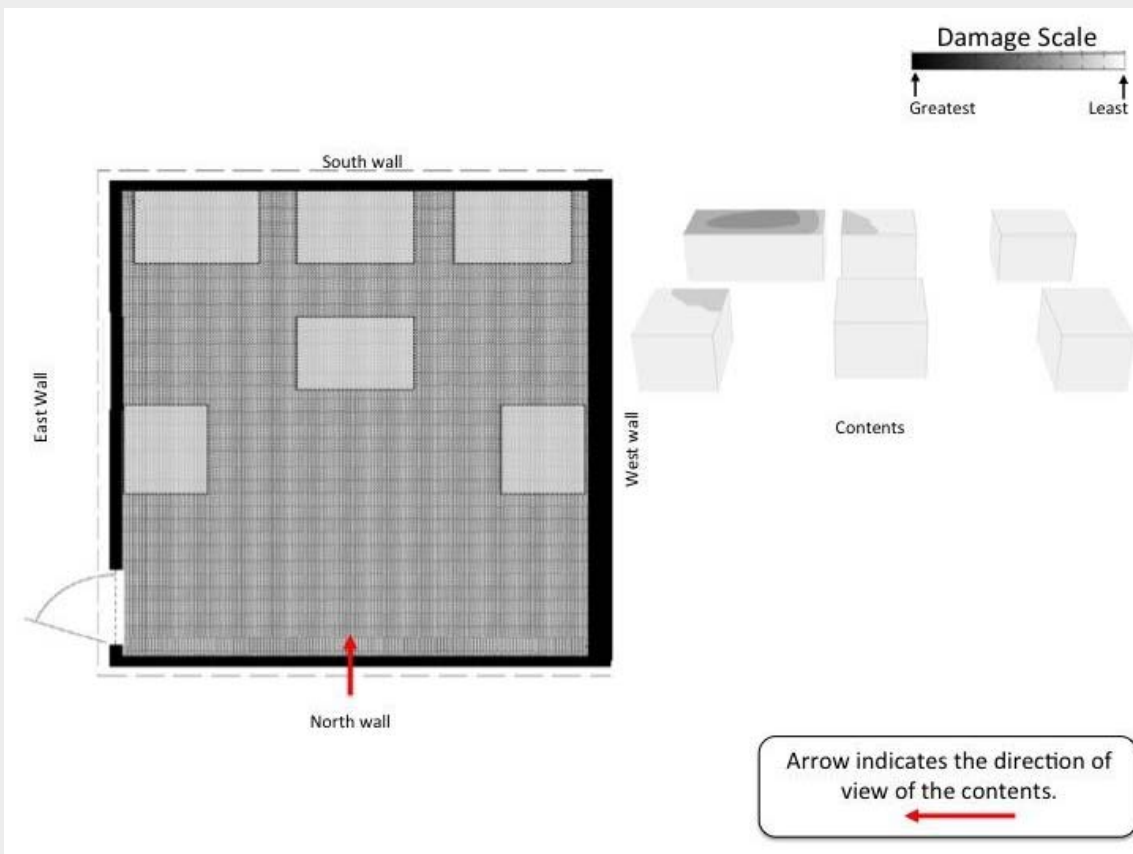
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



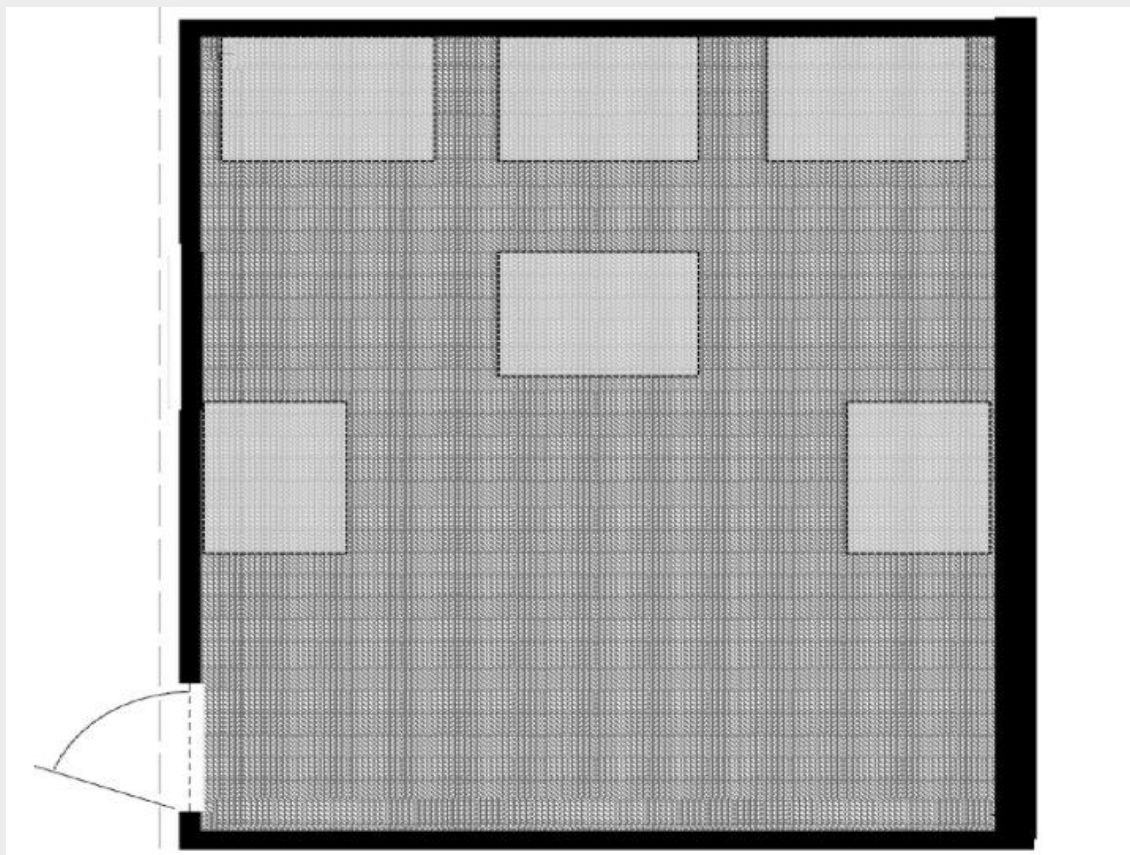
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



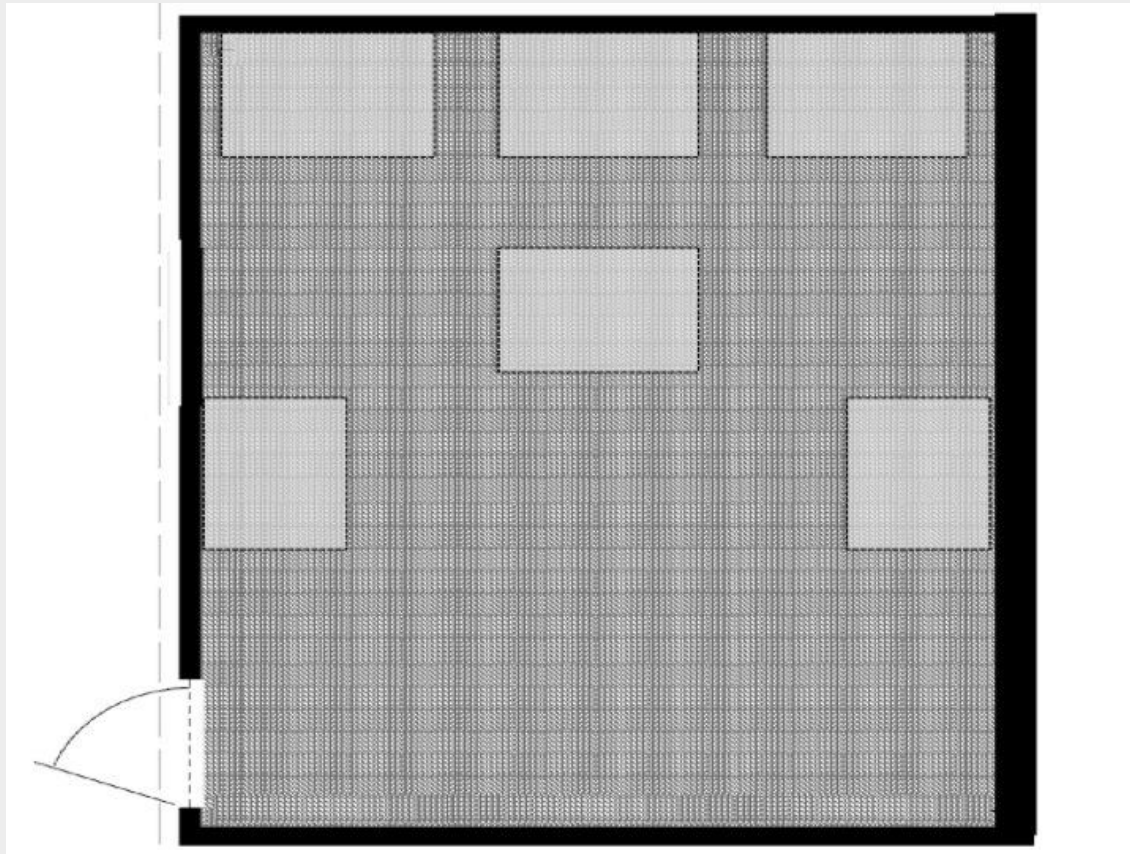
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



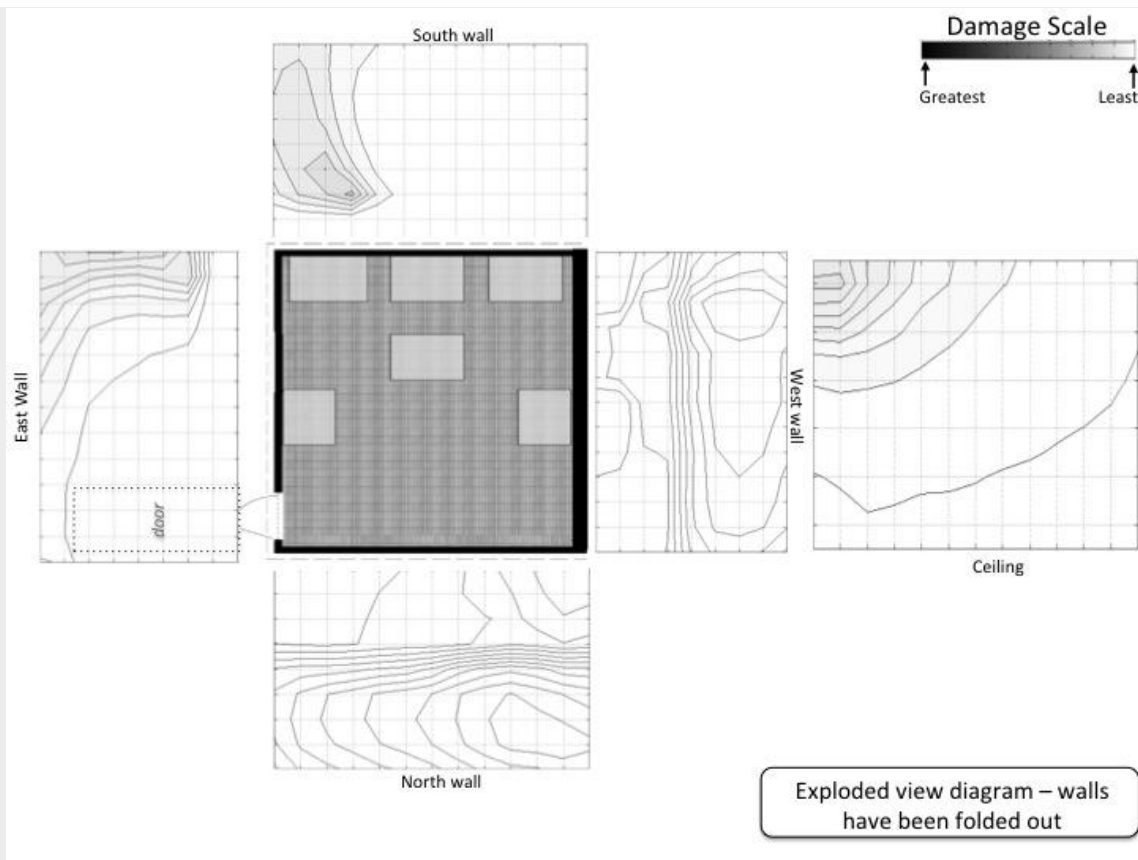
FP1, 4000, 360

#### Block 4

##### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

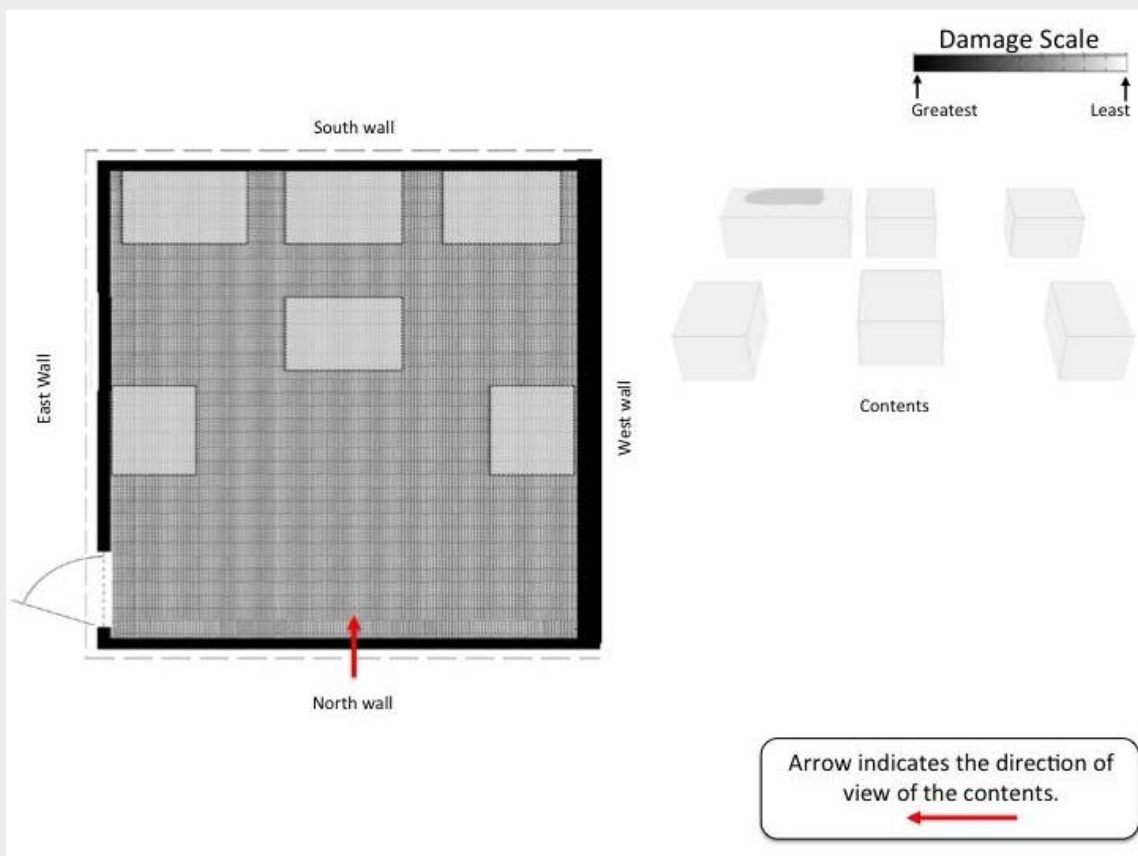
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



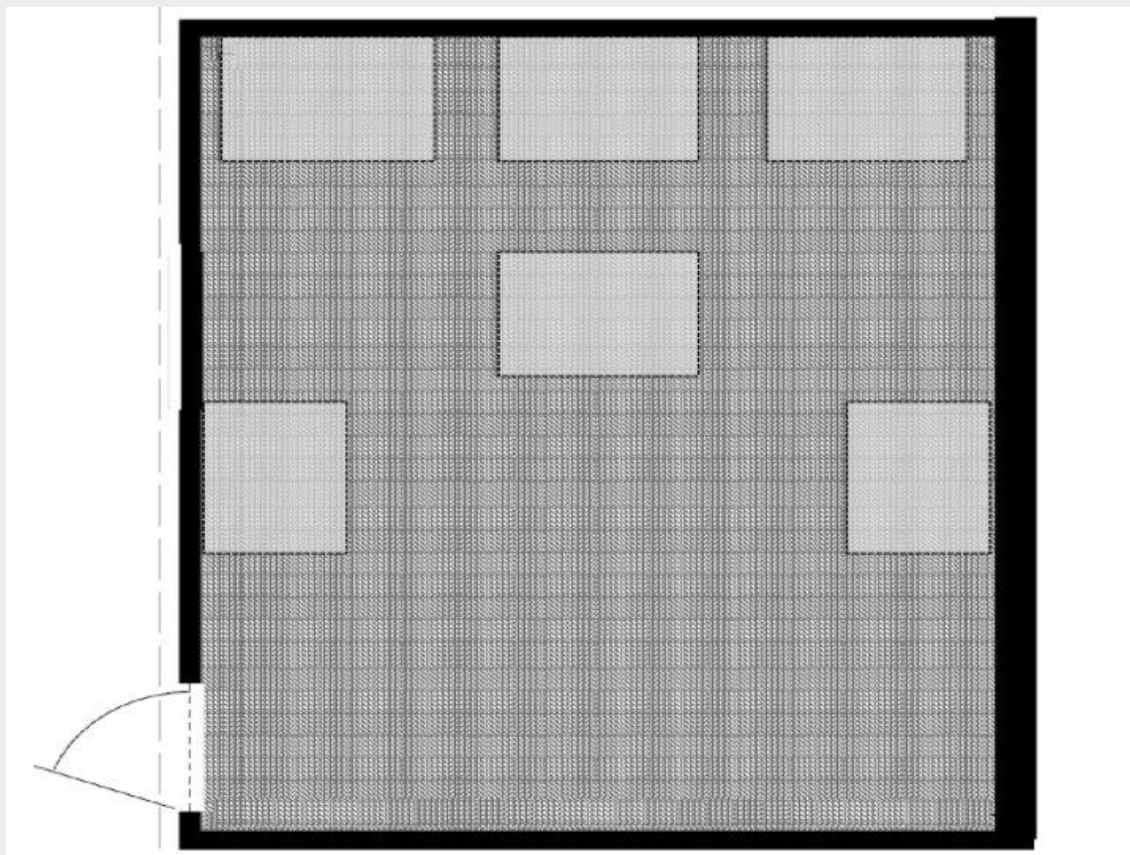
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



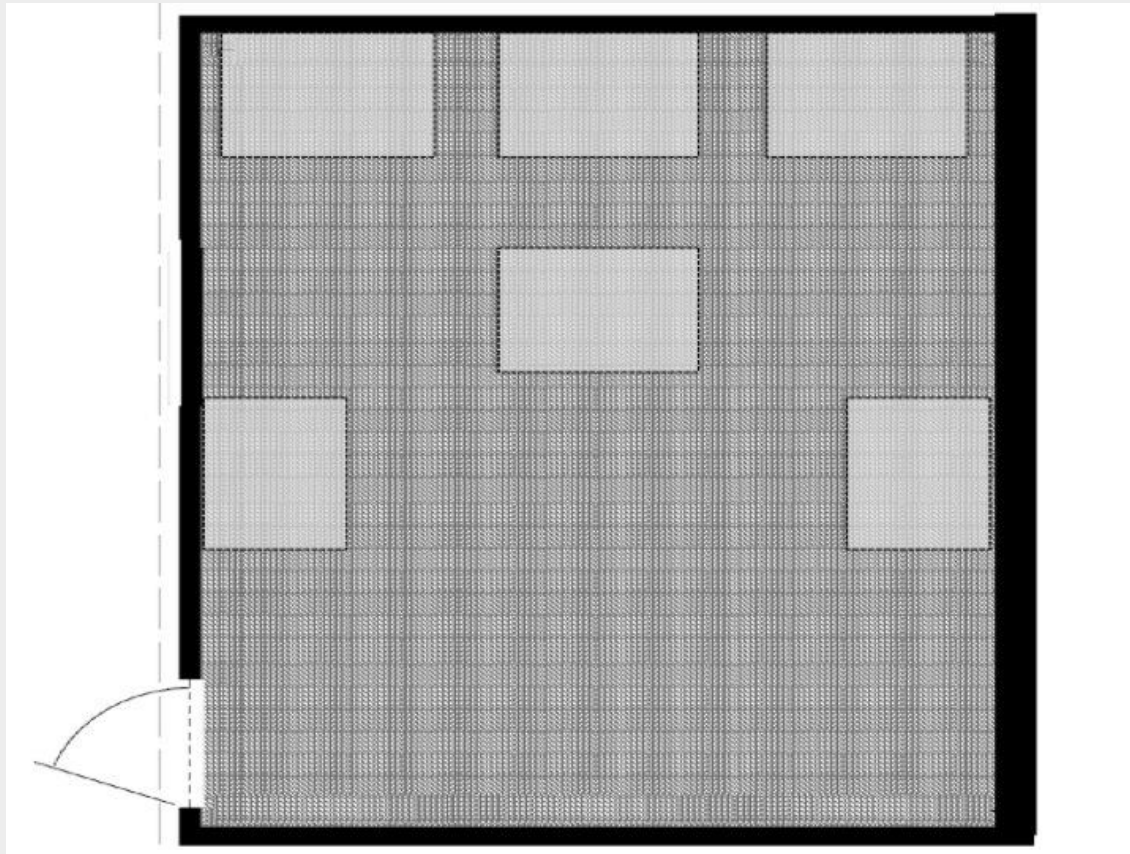
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



FP1, 4000, 120

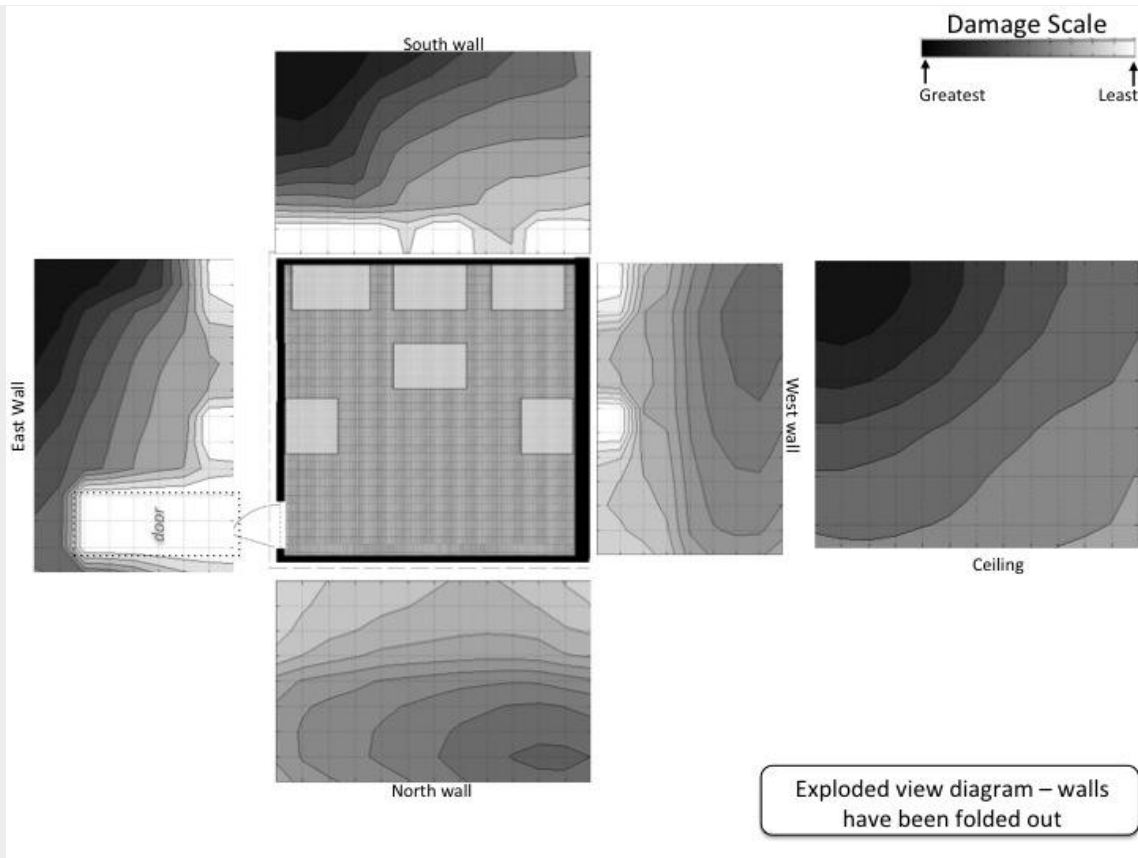
### Block 3

#### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

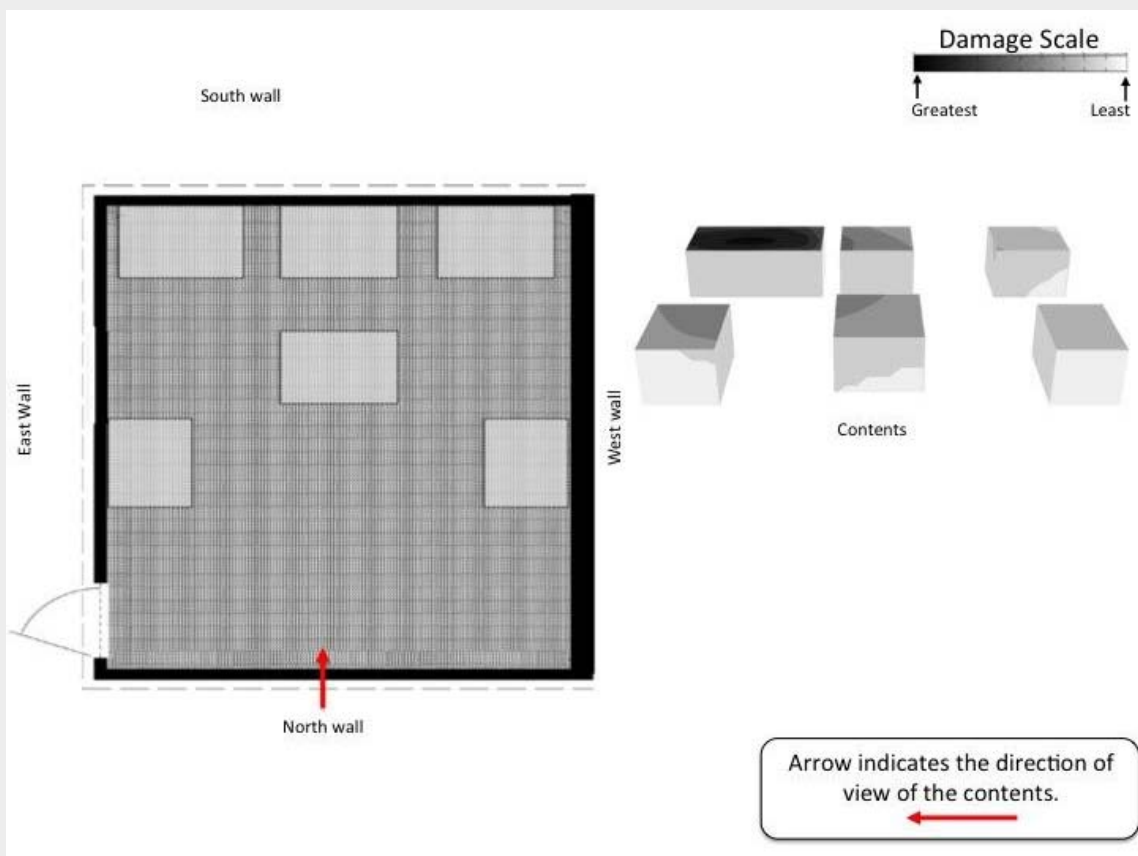
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.





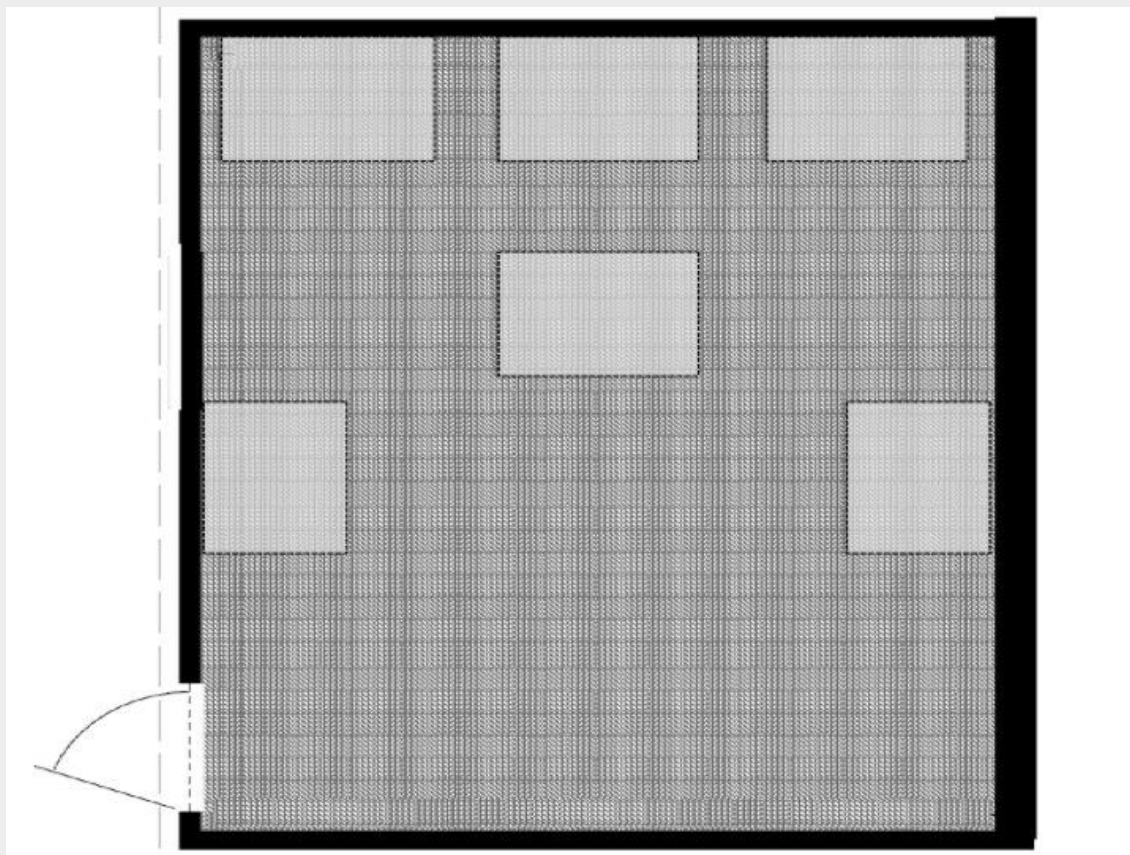
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



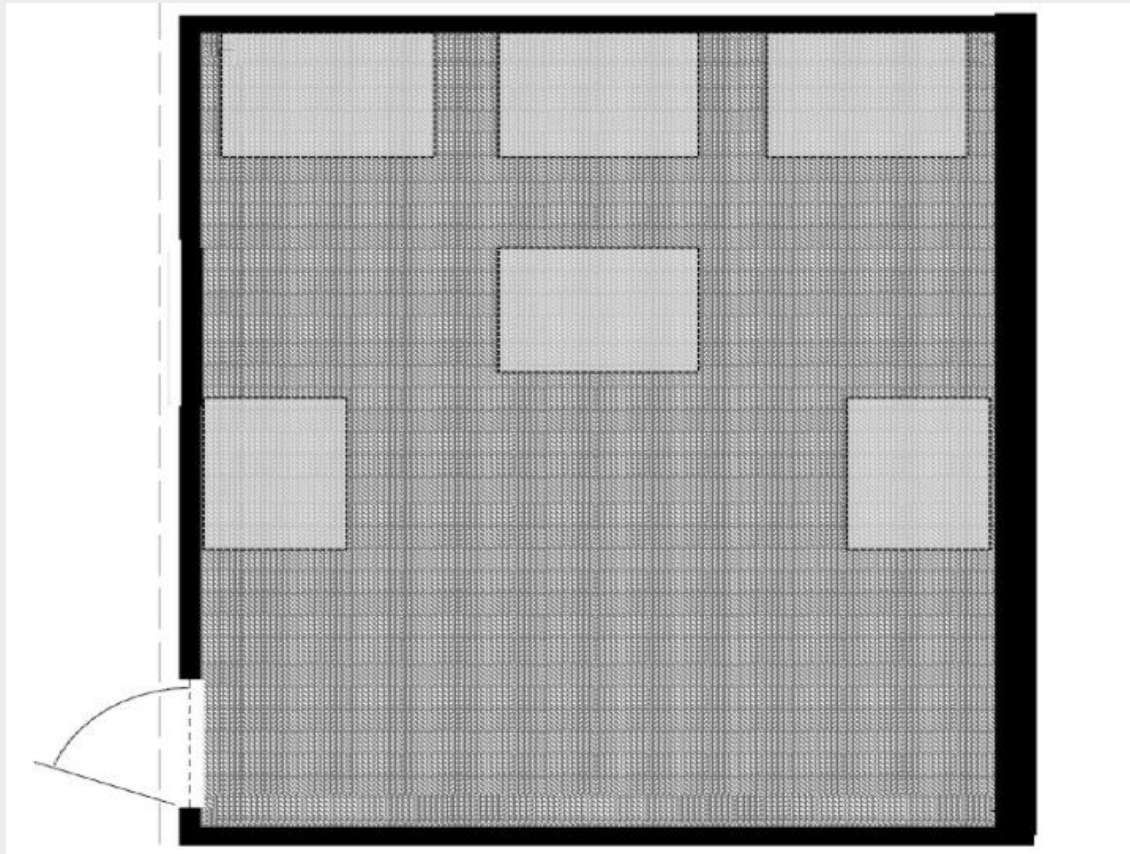
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



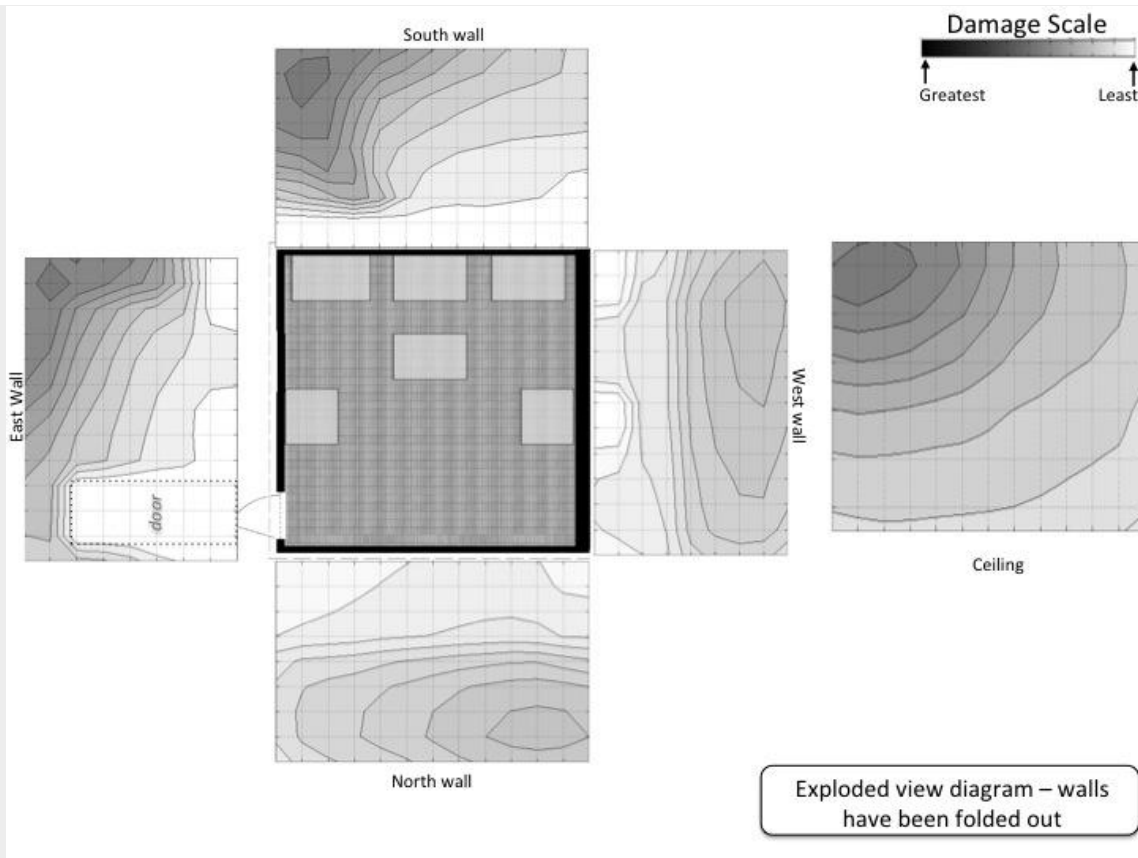
FP1, 1500, 900

## Block 2

### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

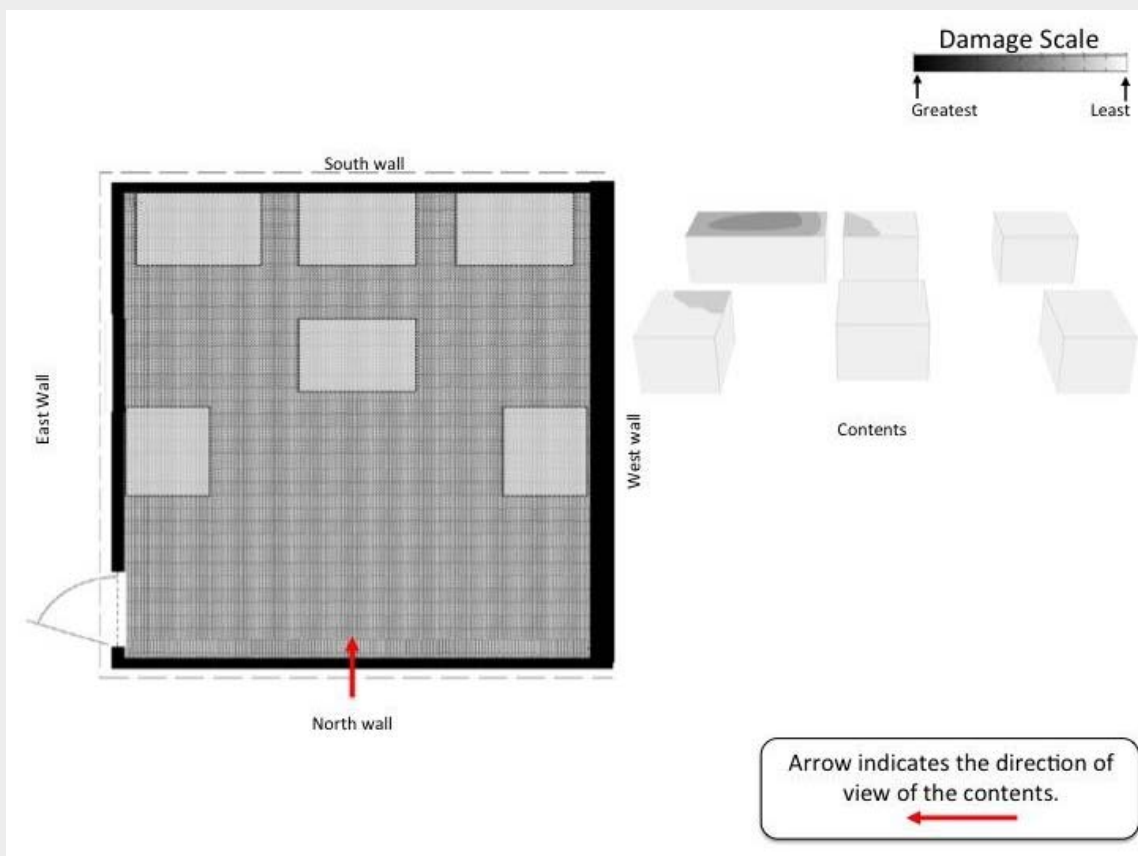
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



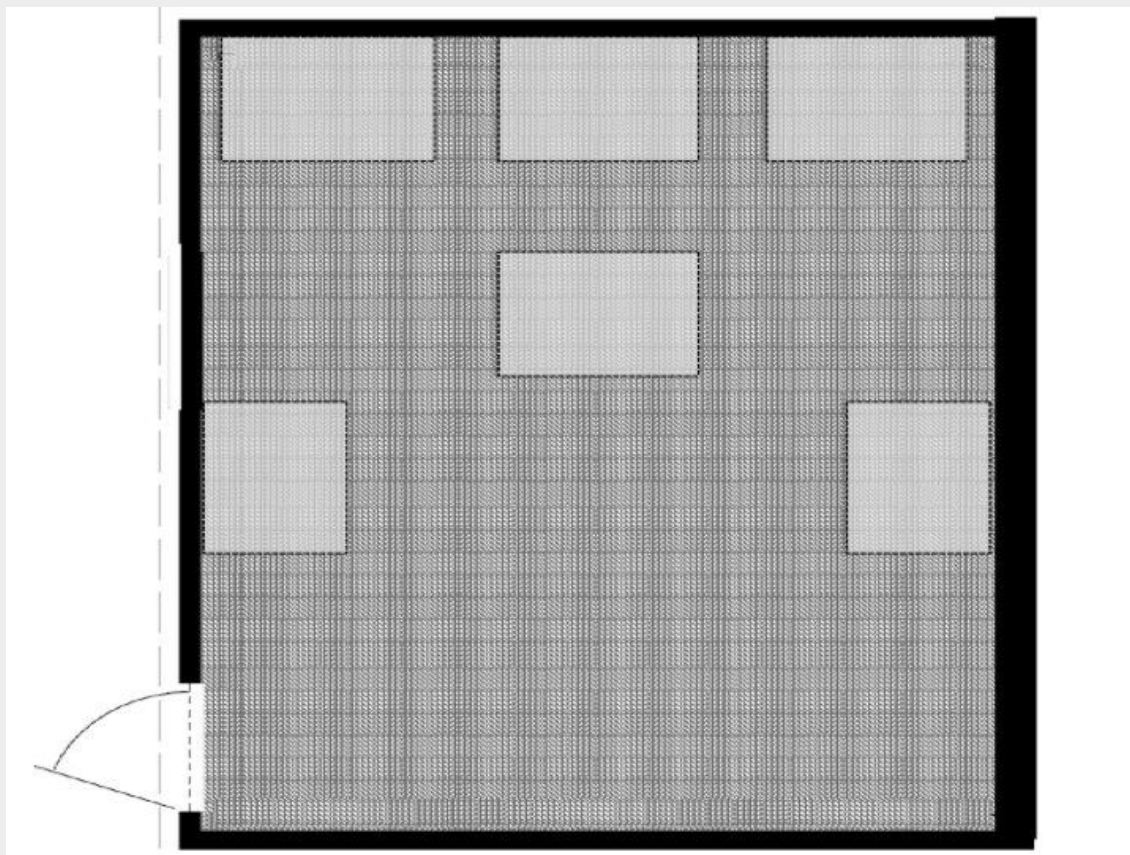
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



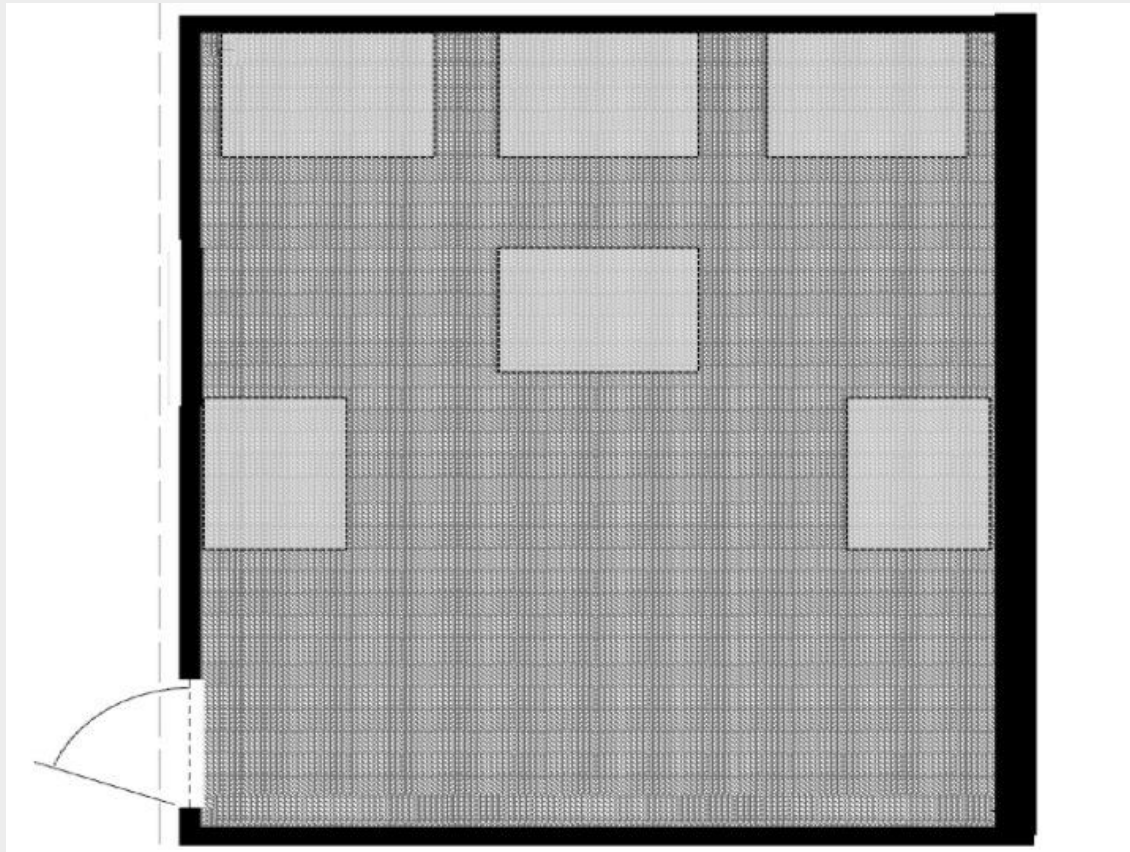
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



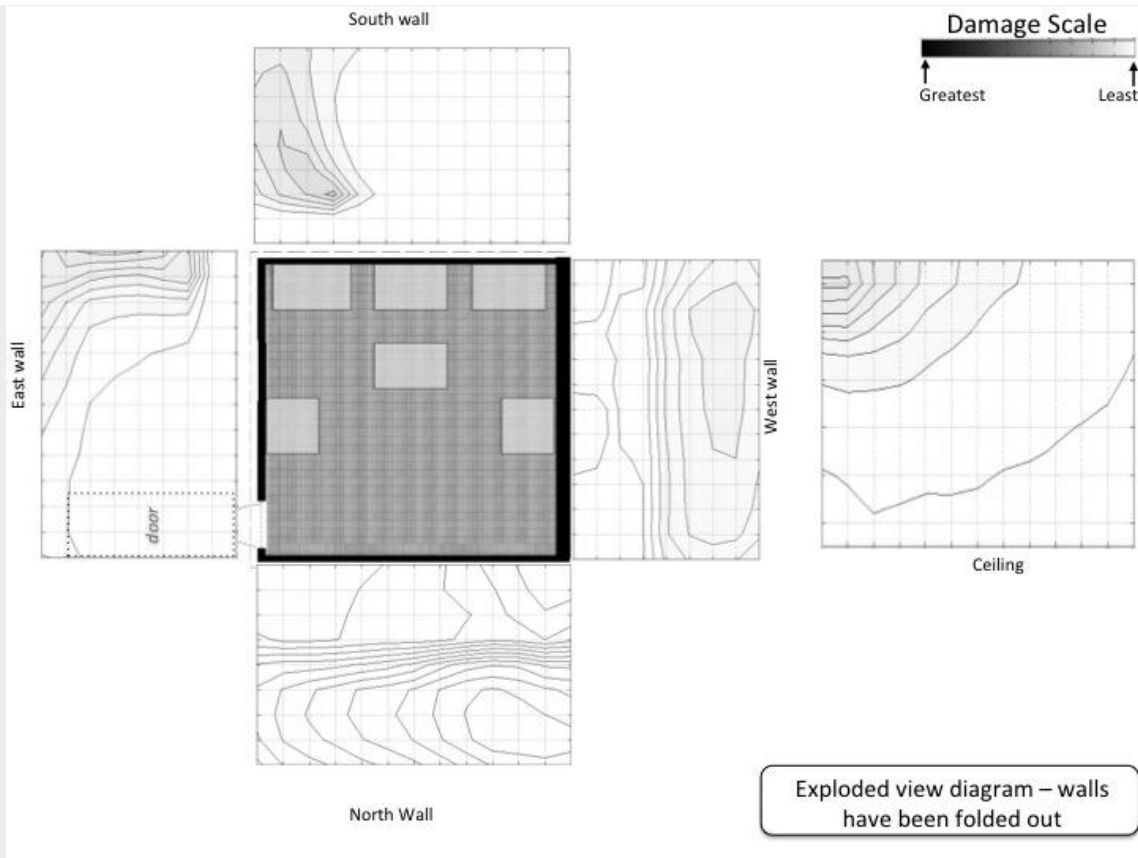
FP1, 1500, 360

### Block 1

#### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

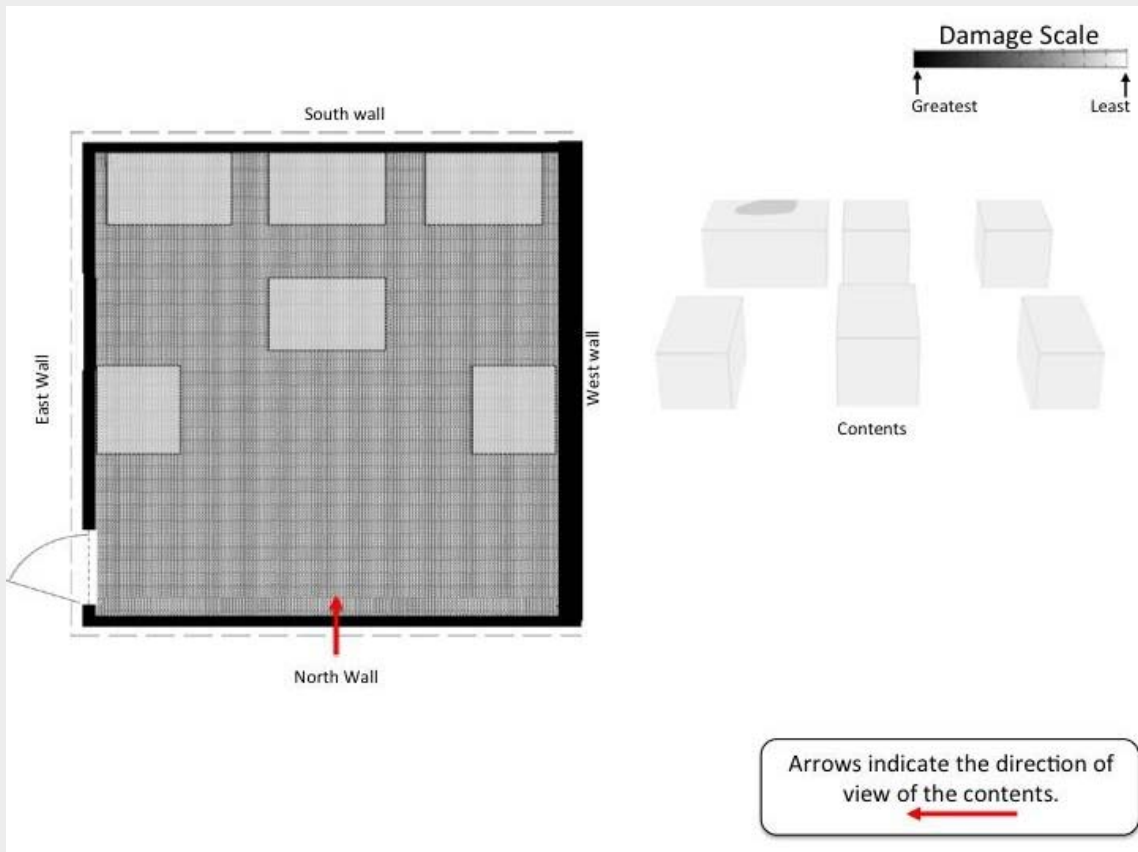
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



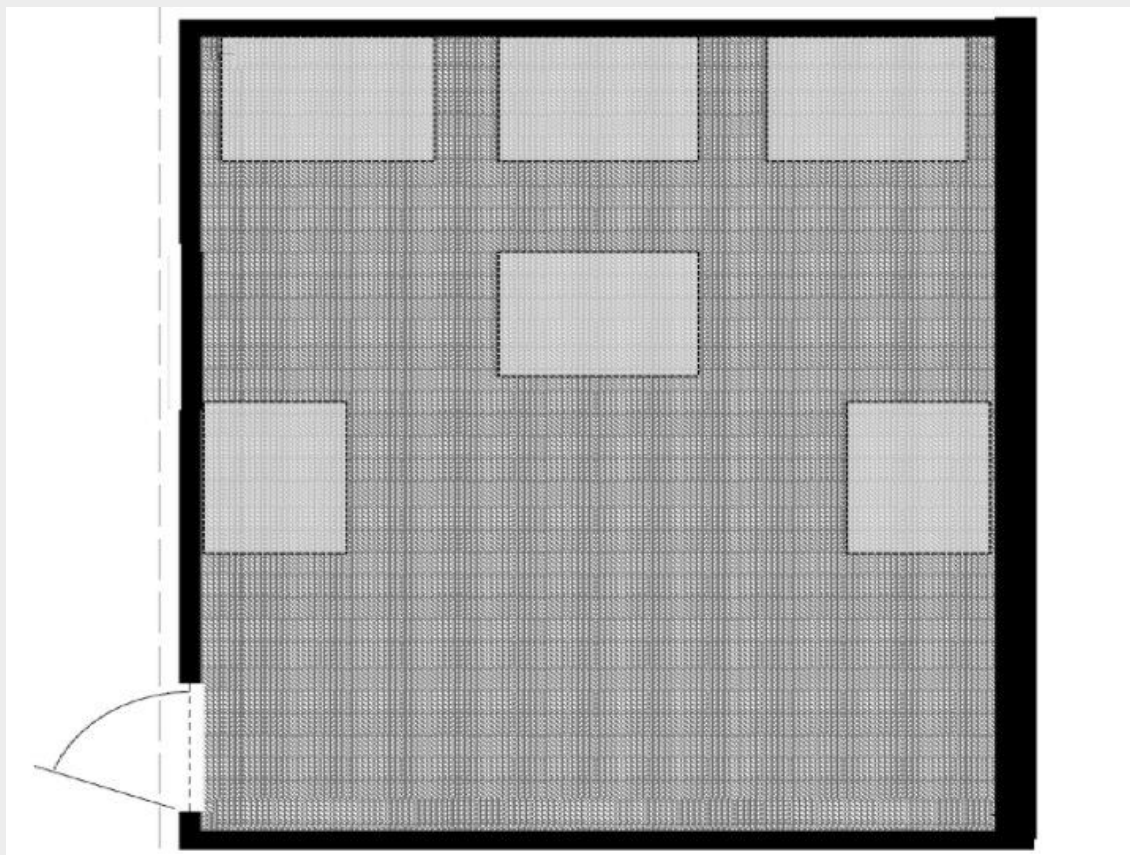
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



**Center of the Area of Origin Determination**

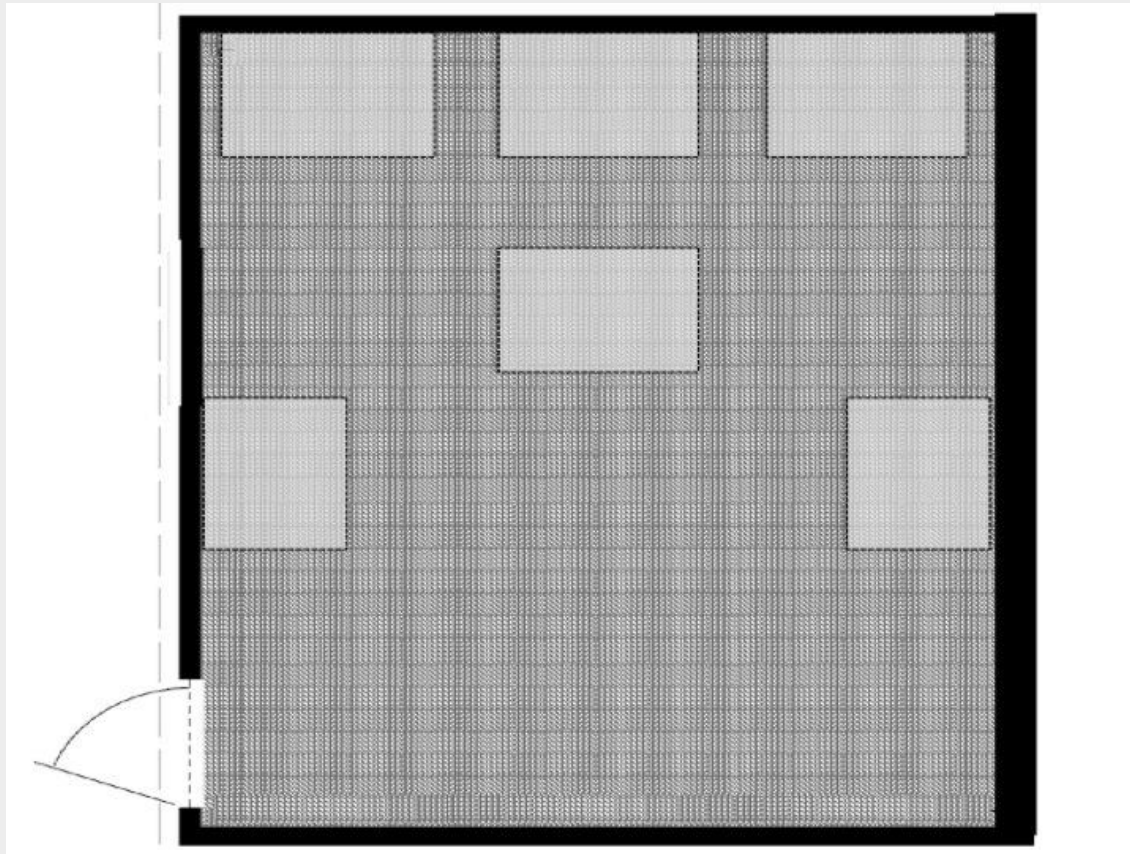
Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.





FP1, 1500, 120

**Methodology questions**

**What was your primary consideration in choosing the area of origin?**

**What other information would you like to have seen to assist in your area of origin determination?**

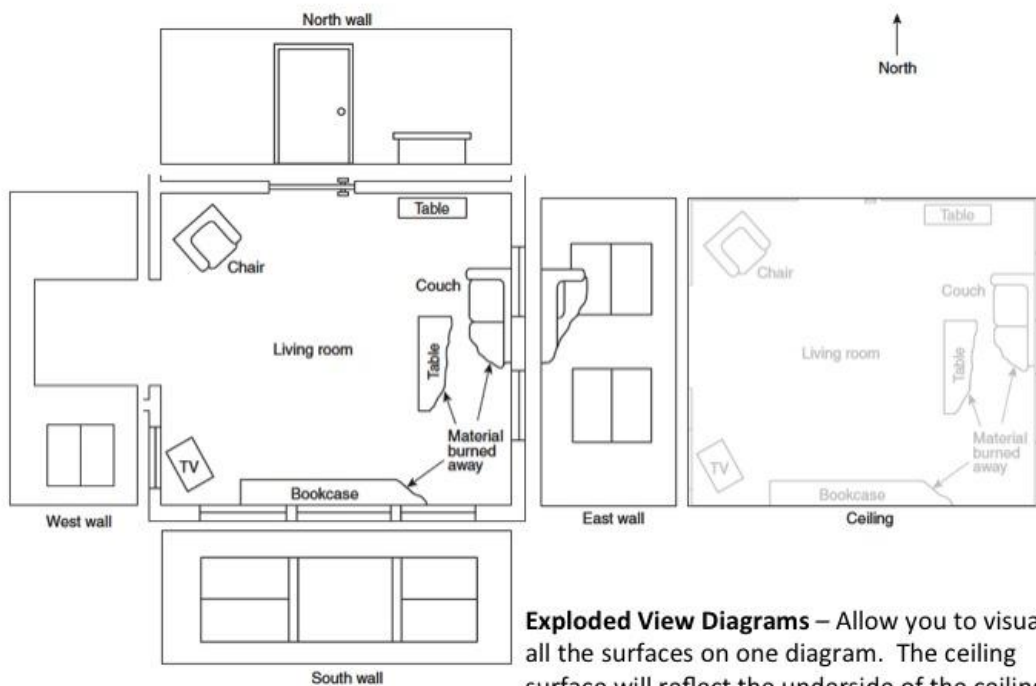
## Instructions Block

**DIRECTIONS:** There are a total of 32-sets of images that you will be shown. You will be asked to provide an area of origin determination for each set of images. You will first be asked to select the center of your area of origin and then asked to select the smallest area that encompasses your area of origin determination.

Instructions guiding your area of origin determination have been provided, please follow these guidelines in determining the bounds of your area of origin conclusion.

I appreciate your attention and effort-thanks for participating!

Exploded view diagrams are used throughout this survey to enable you to see all surfaces of the compartment in one image. Note the ceiling orientation is the same as the floor plan.



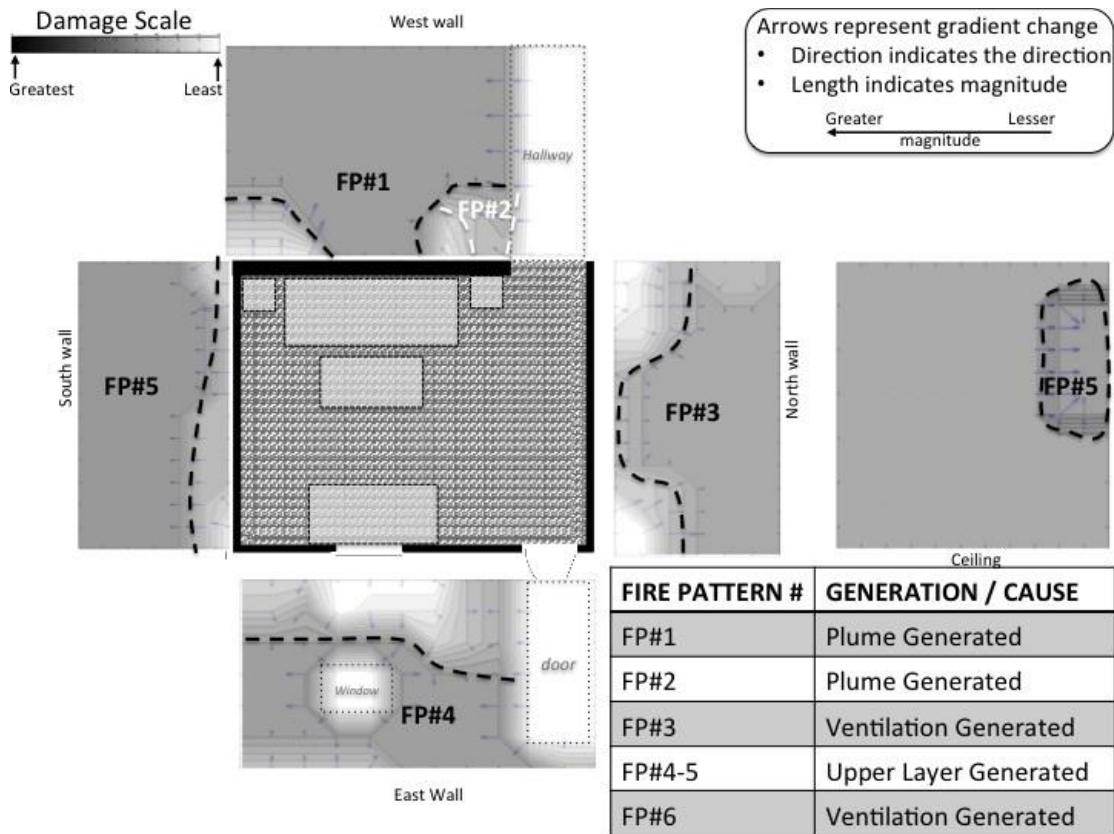
**Exploded View Diagrams** – Allow you to visualize all the surfaces on one diagram. The ceiling surface will reflect the underside of the ceiling in the same orientation as the floor plan.

## Block 32

### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

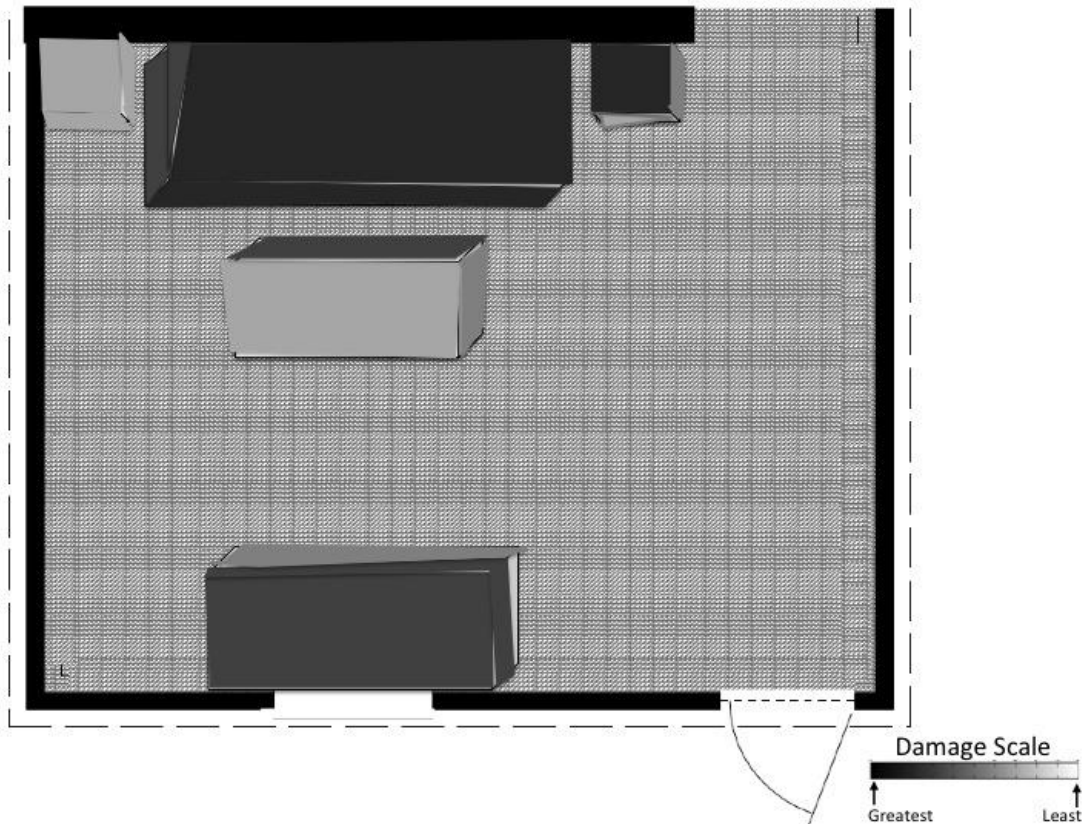
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



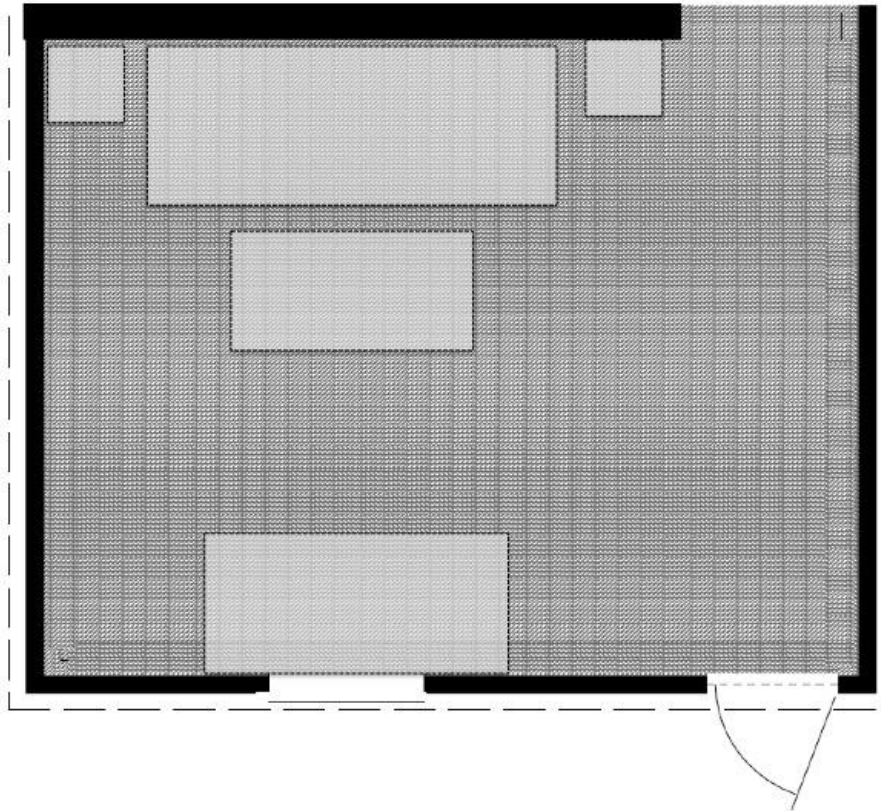
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



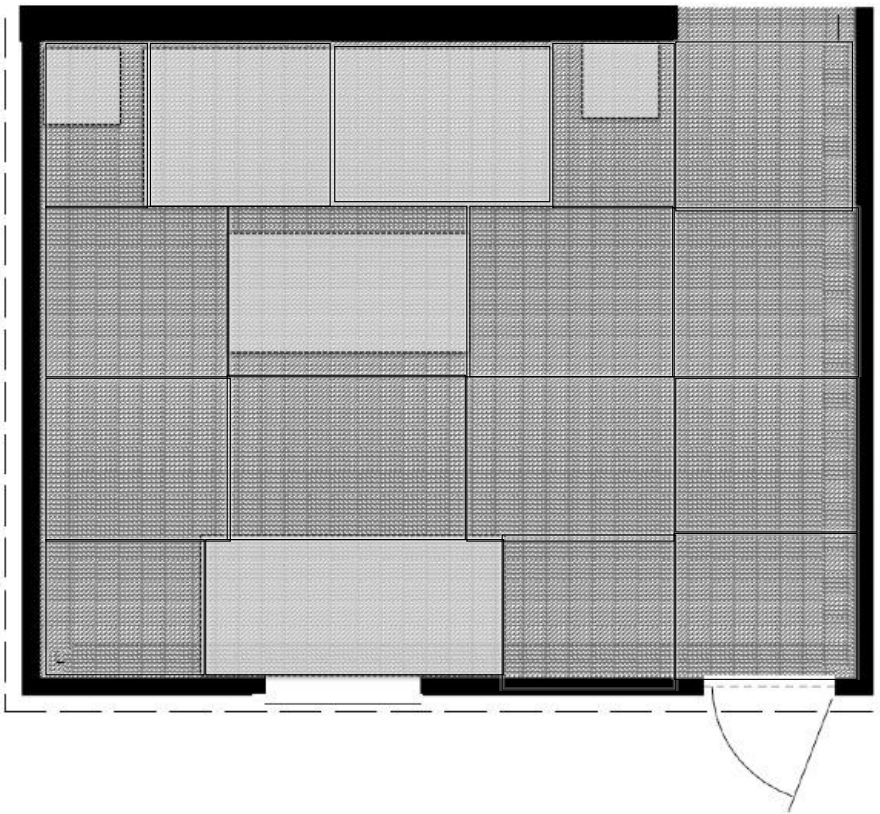
**Center of the Area of Origin Determination**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



**AREA OF ORIGIN DETERMINATION**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. Please select (click) on the region(s) of the diagram that encompass the area of origin for this fire.



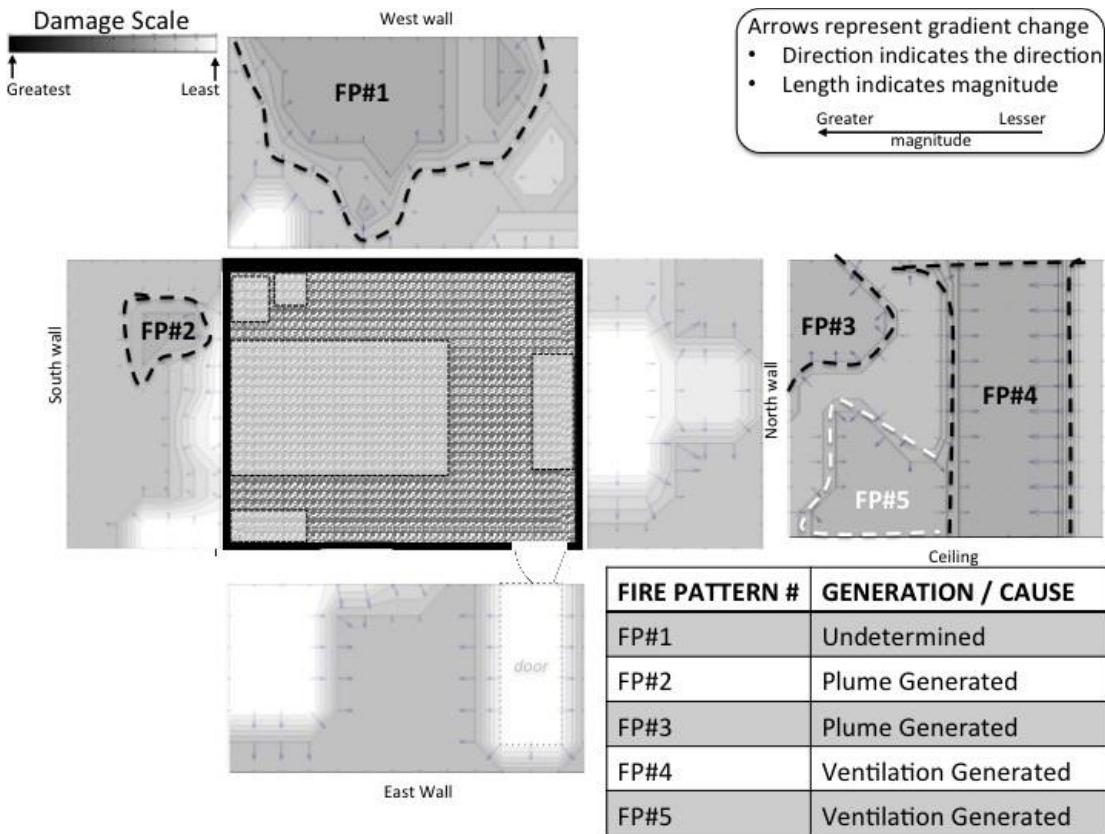
fiods

### Block 31

#### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

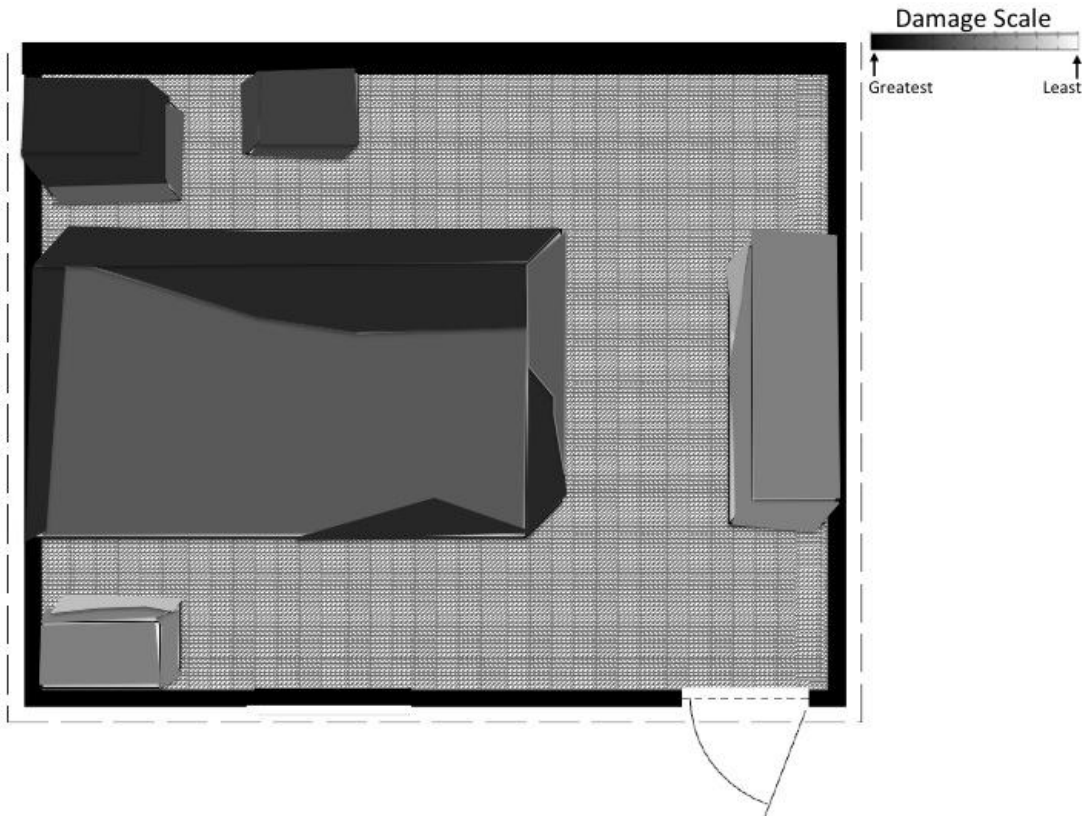
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside



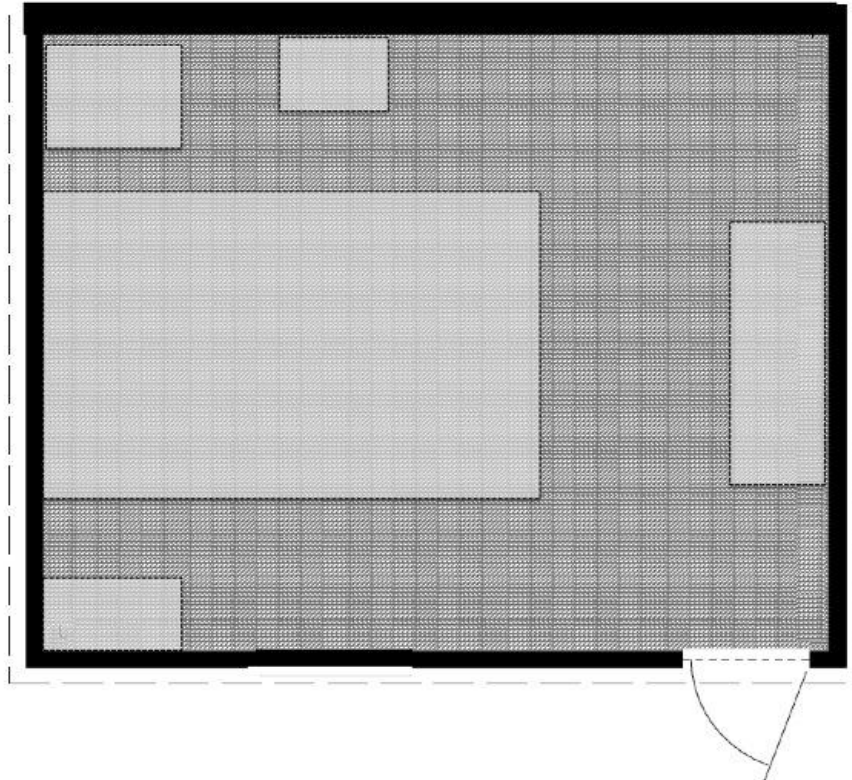
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



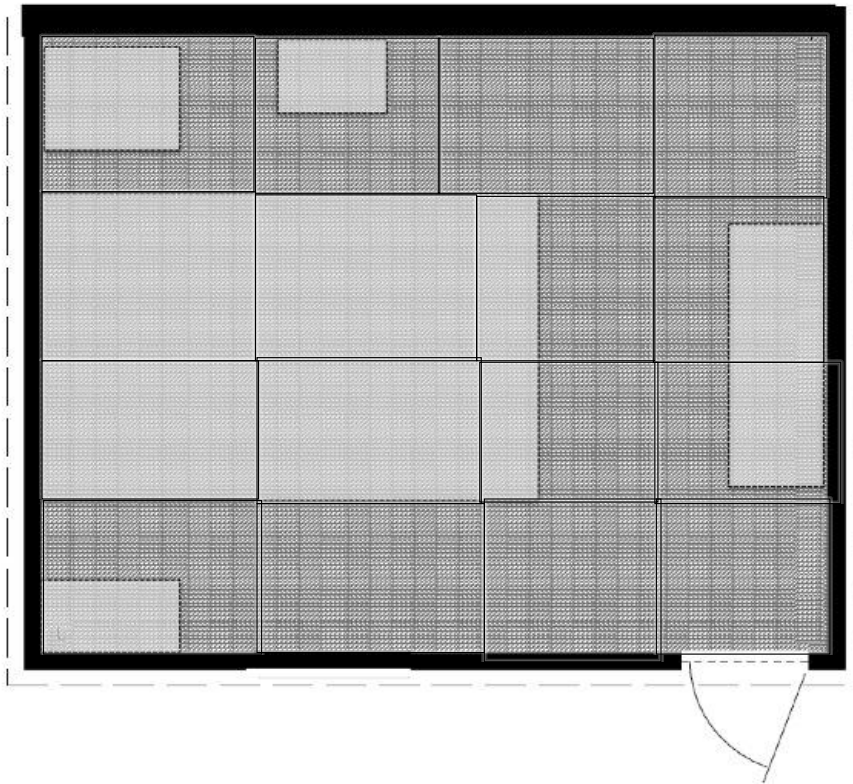
**Center of the Area of Origin Determination**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



**AREA OF ORIGIN DETERMINATION**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. Please select (click) on the region(s) of the diagram that encompass the area of origin for this fire.



atf

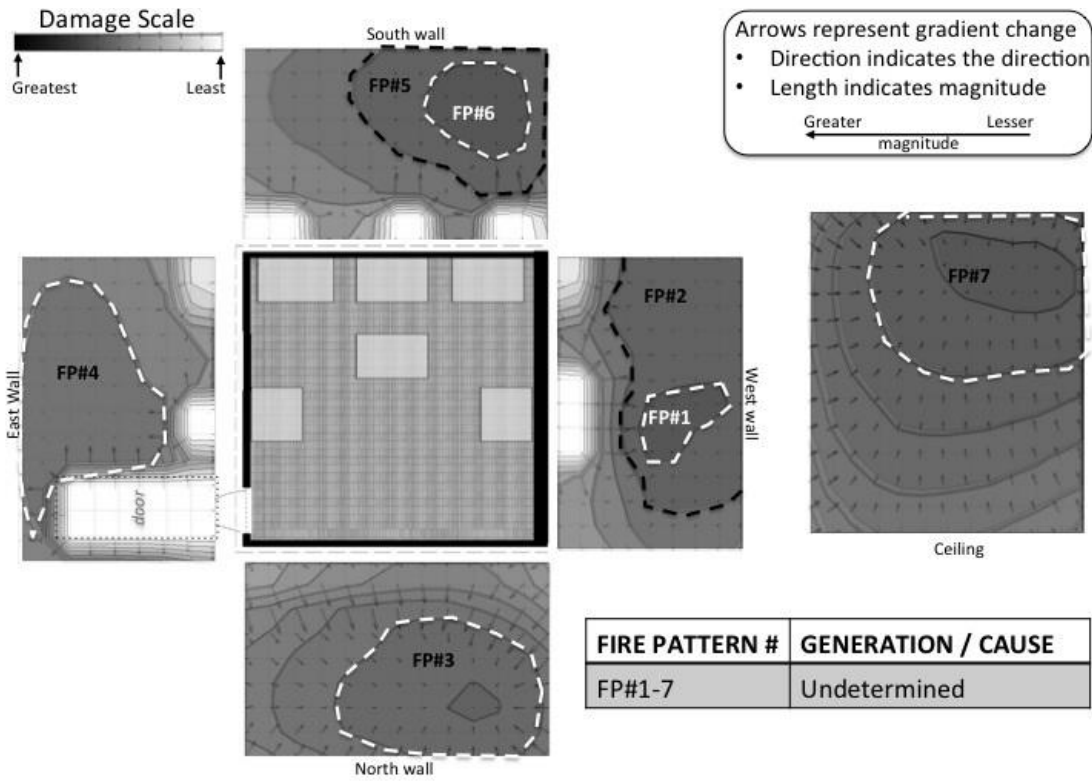
### Block 30

#### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

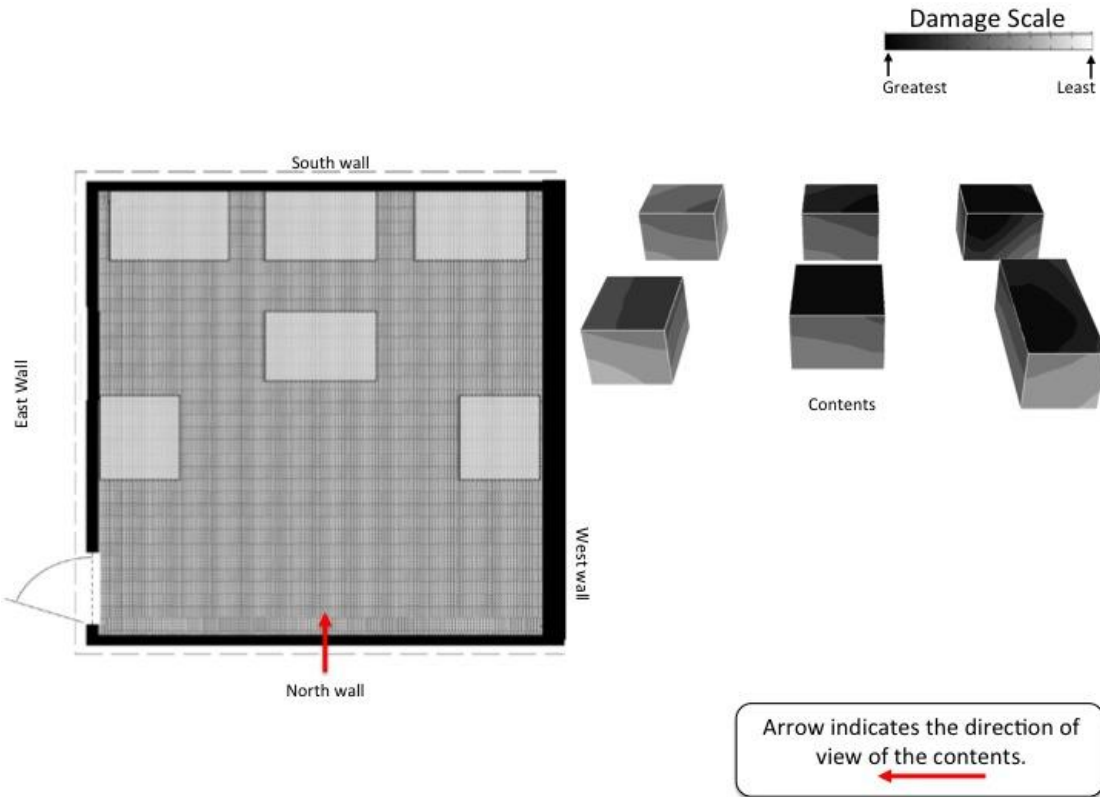
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside





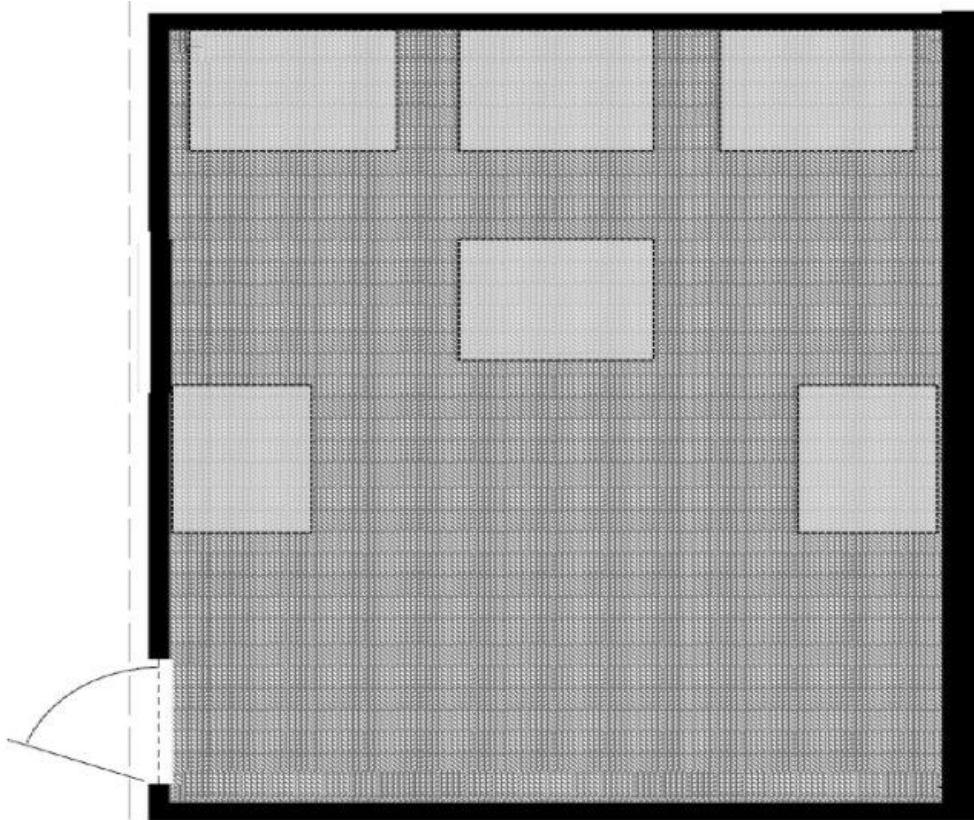
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



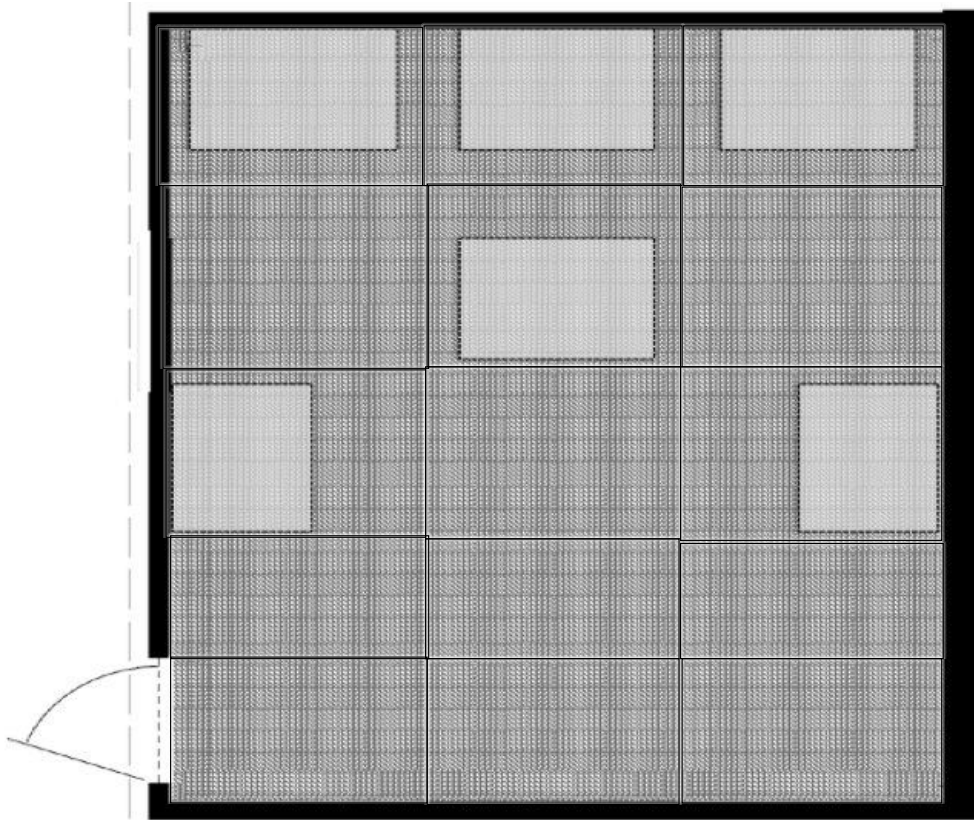
**Center of the Area of Origin Determination**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



**AREA OF ORIGIN DETERMINATION**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. Please select (click) on the region(s) of the diagram that encompass the area of origin for this fire.



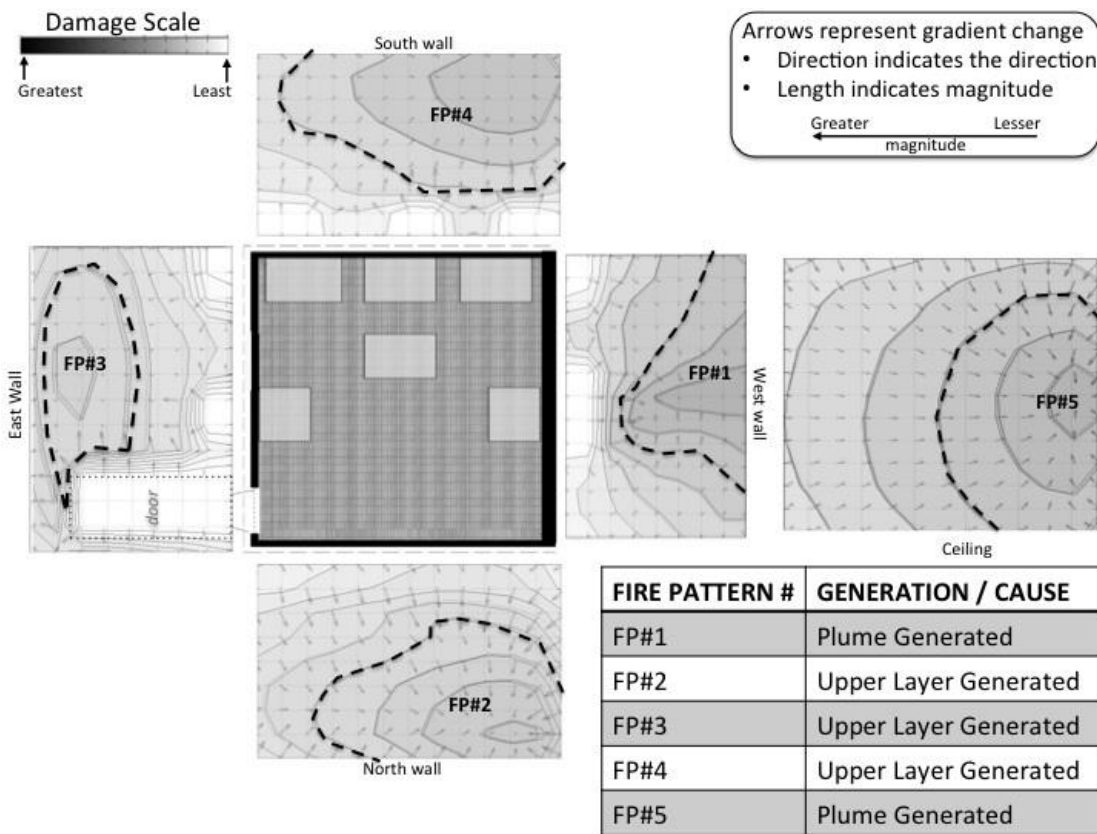
FP6, 4000, 900

## Block 29

### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

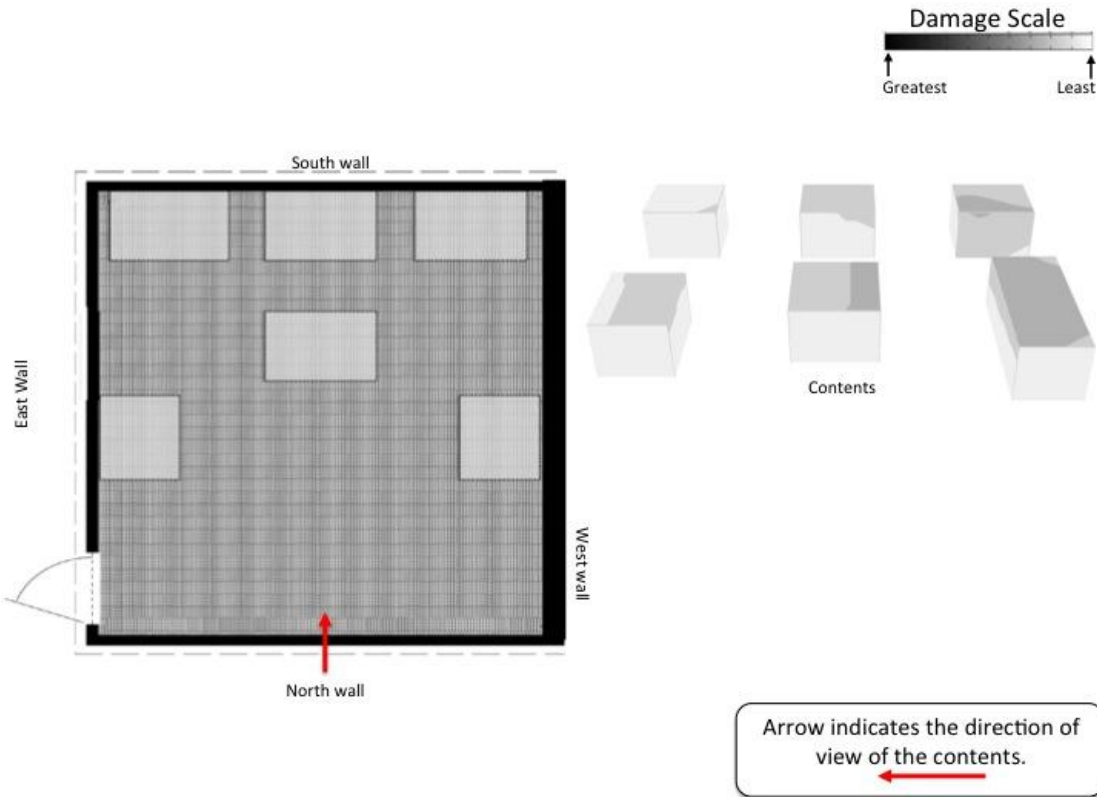
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside



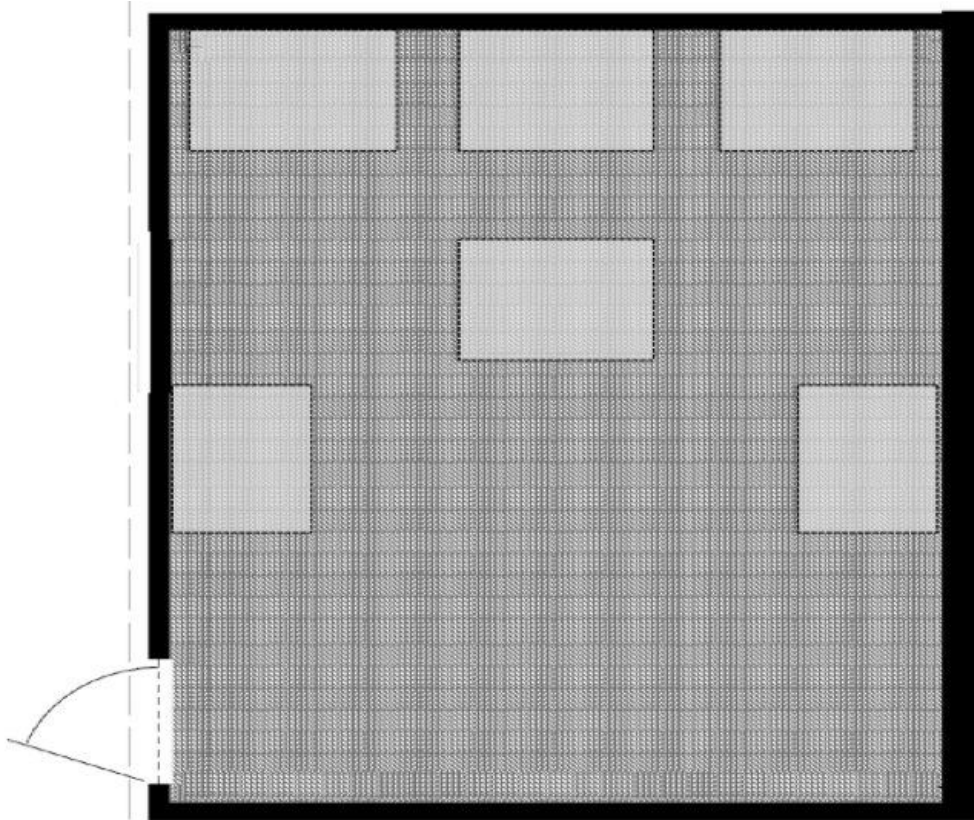
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



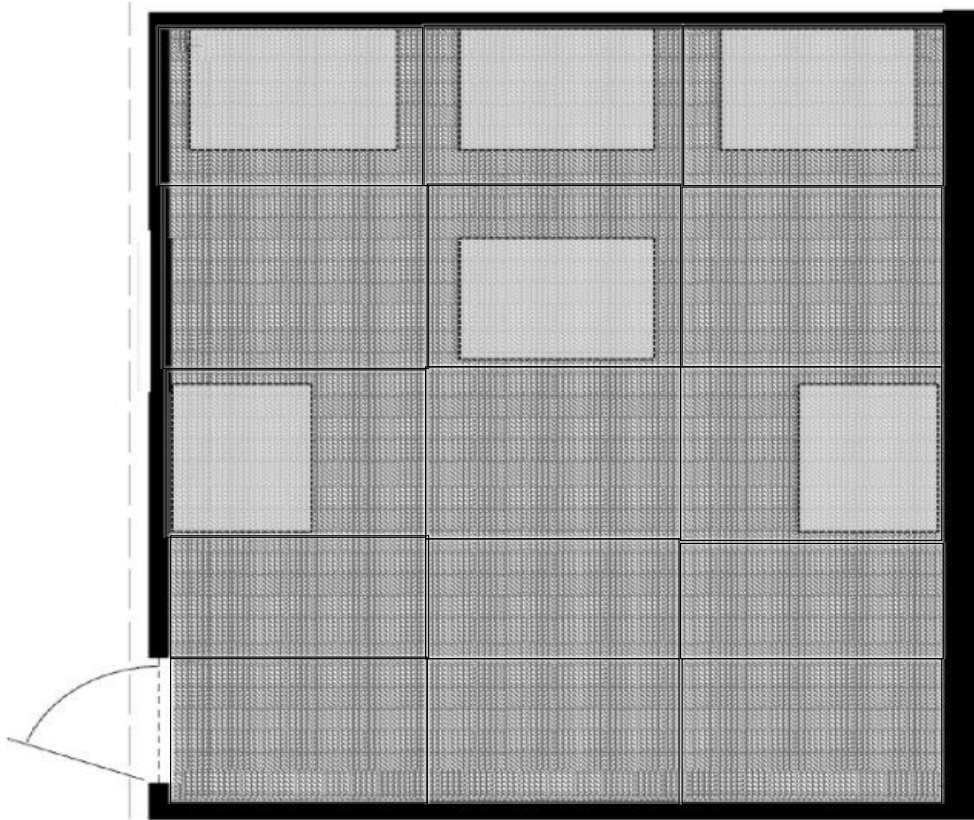
**Center of the Area of Origin Determination**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



**AREA OF ORIGIN DETERMINATION**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. Please select (click) on the region(s) of the diagram that encompass the area of origin for this fire.



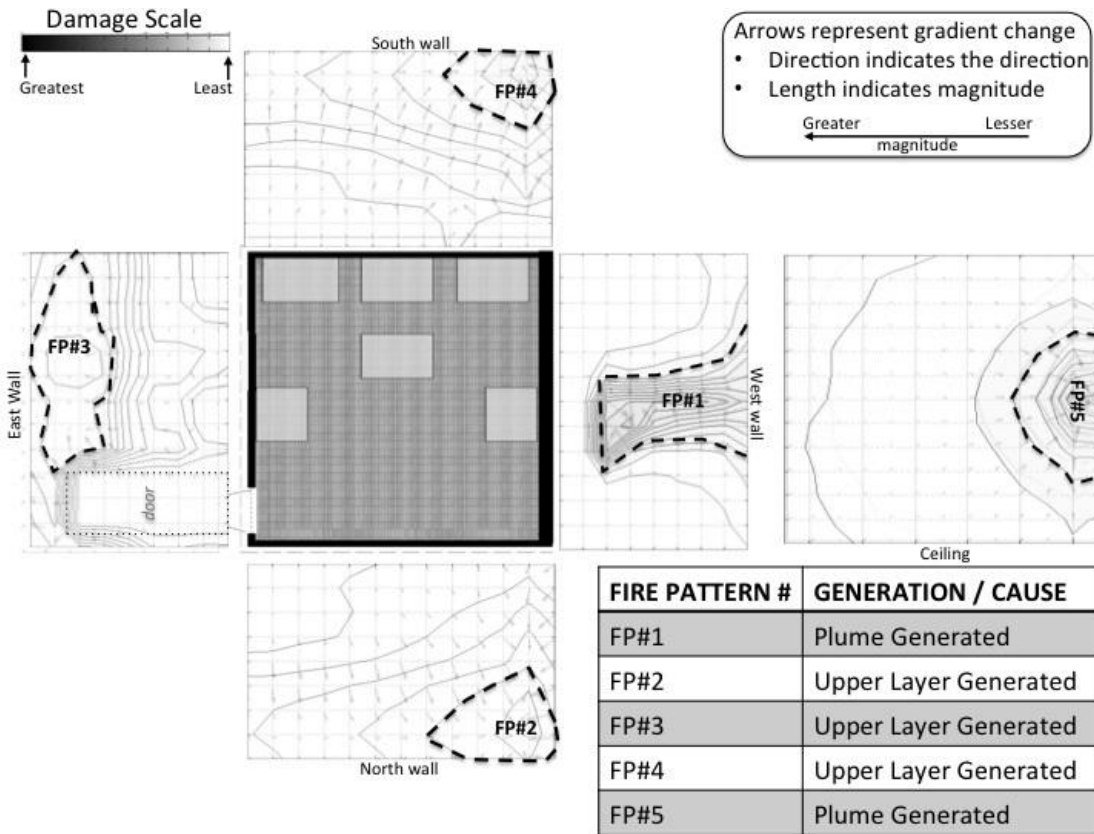
FP6, 4000, 360

## Block 28

### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

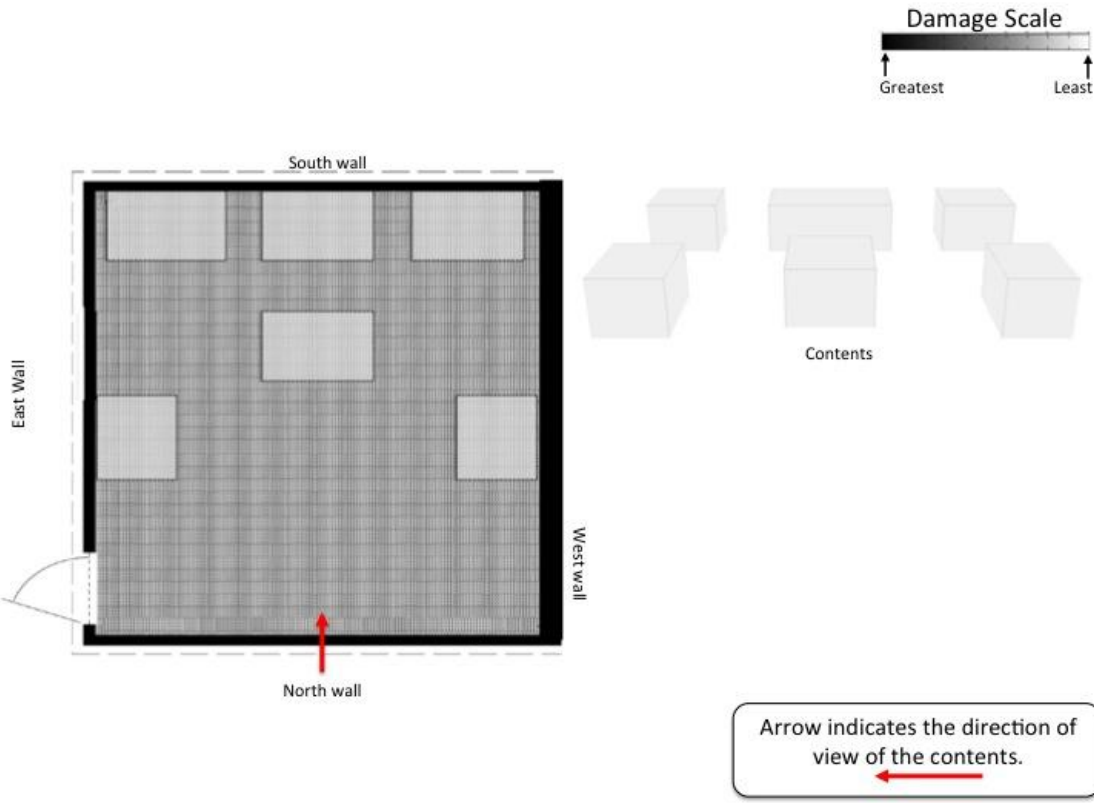
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside



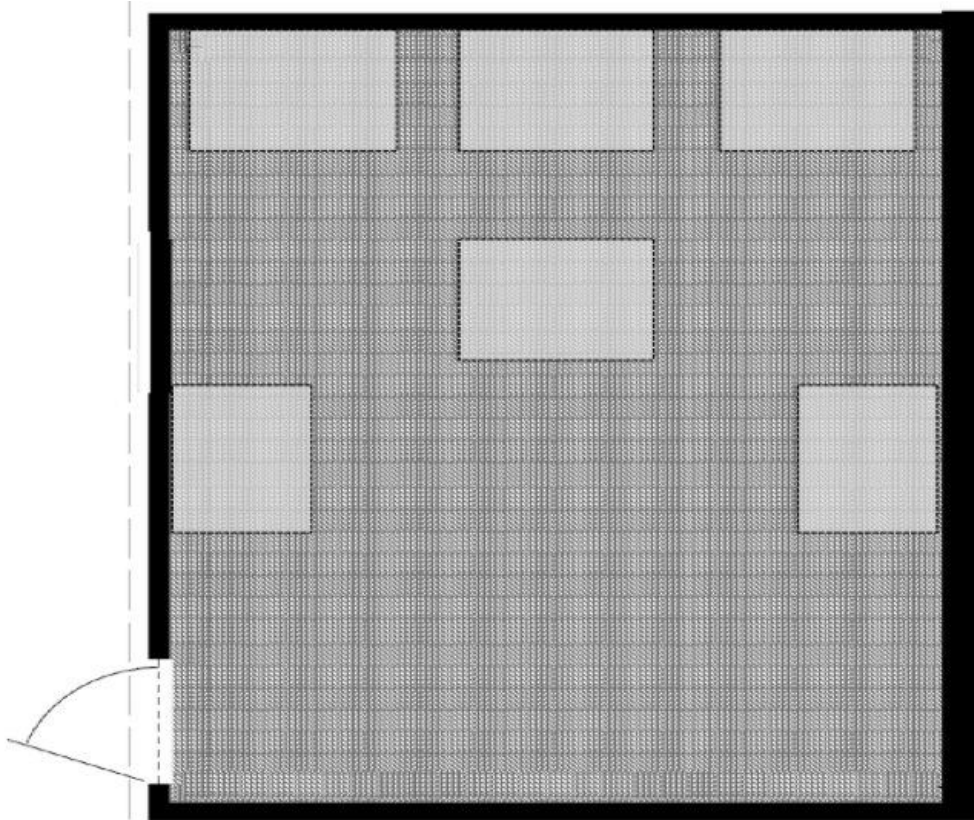
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



### Center of the Area of Origin Determination

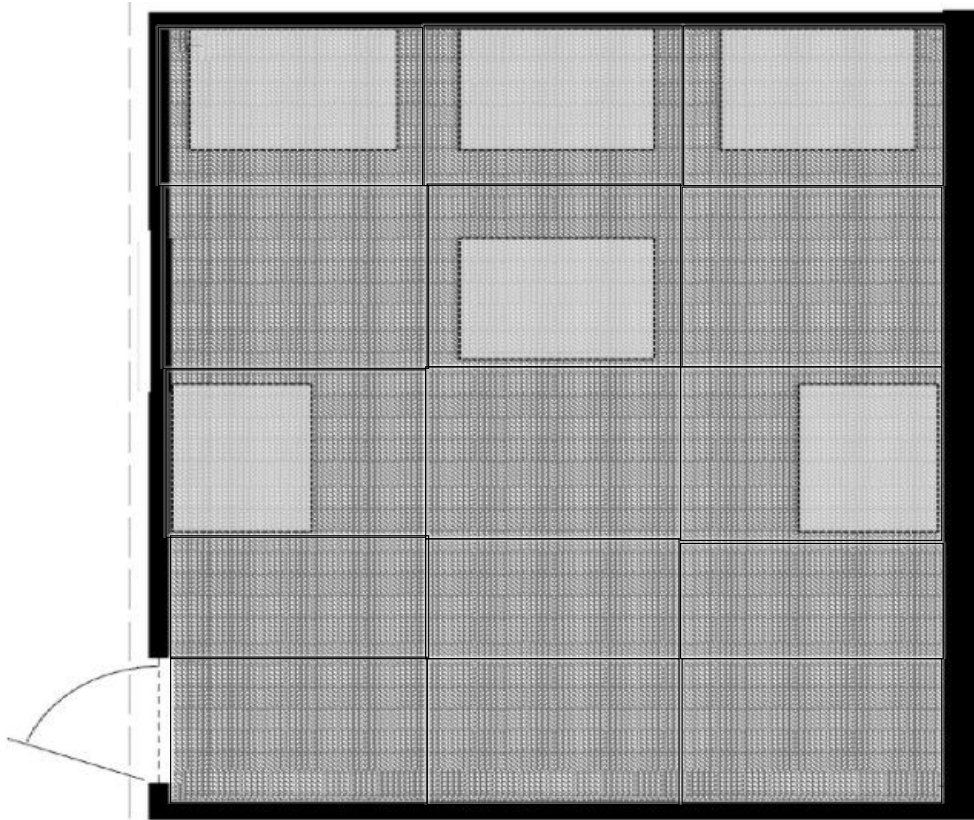
The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



### AREA OF ORIGIN DETERMINATION

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. Please select (click) on the region(s) of the diagram that encompass the area of origin for this fire.





FP6, 4000, 120

## Block 27

### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

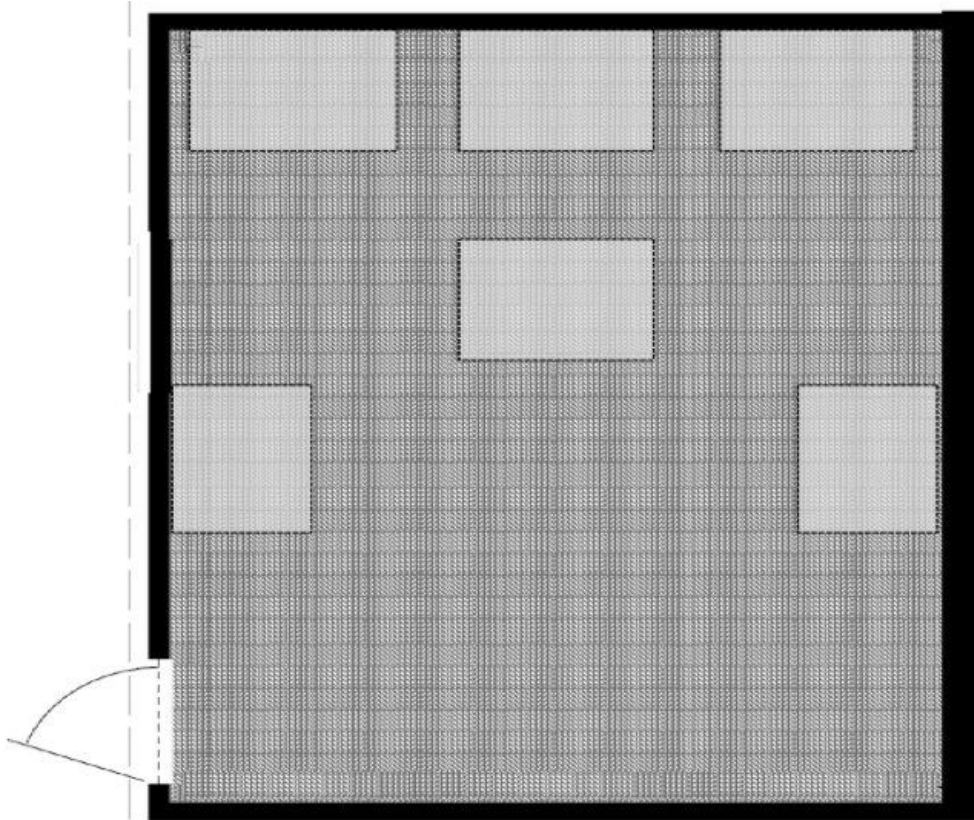
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside



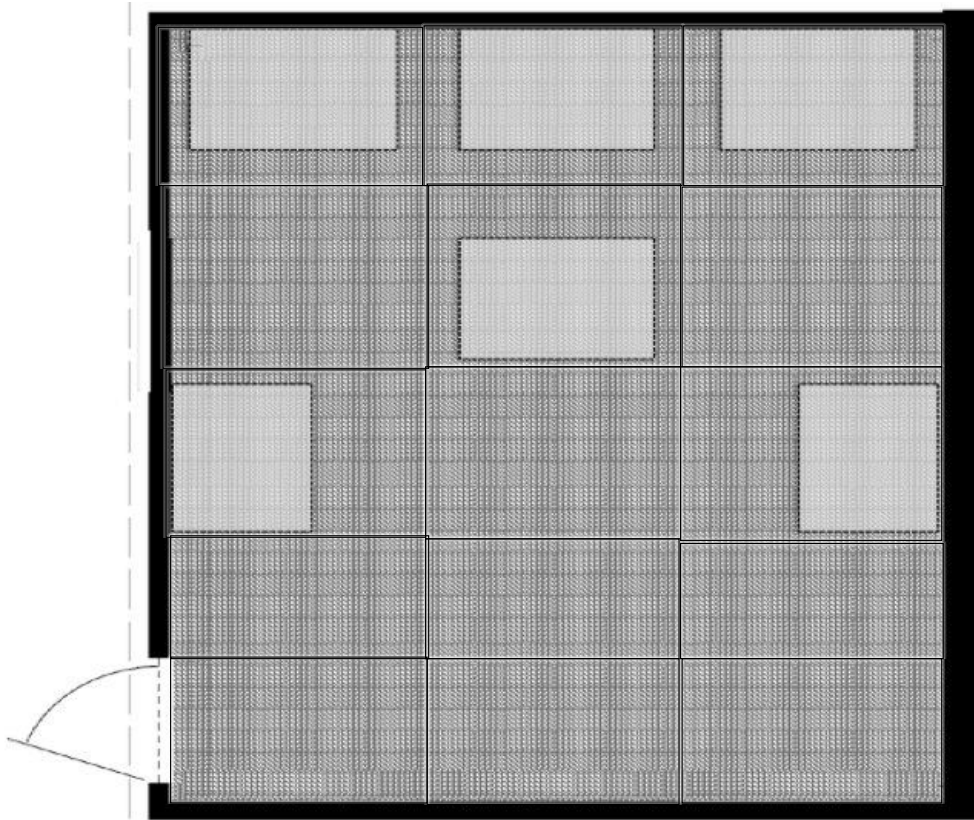
**Center of the Area of Origin Determination**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



**AREA OF ORIGIN DETERMINATION**

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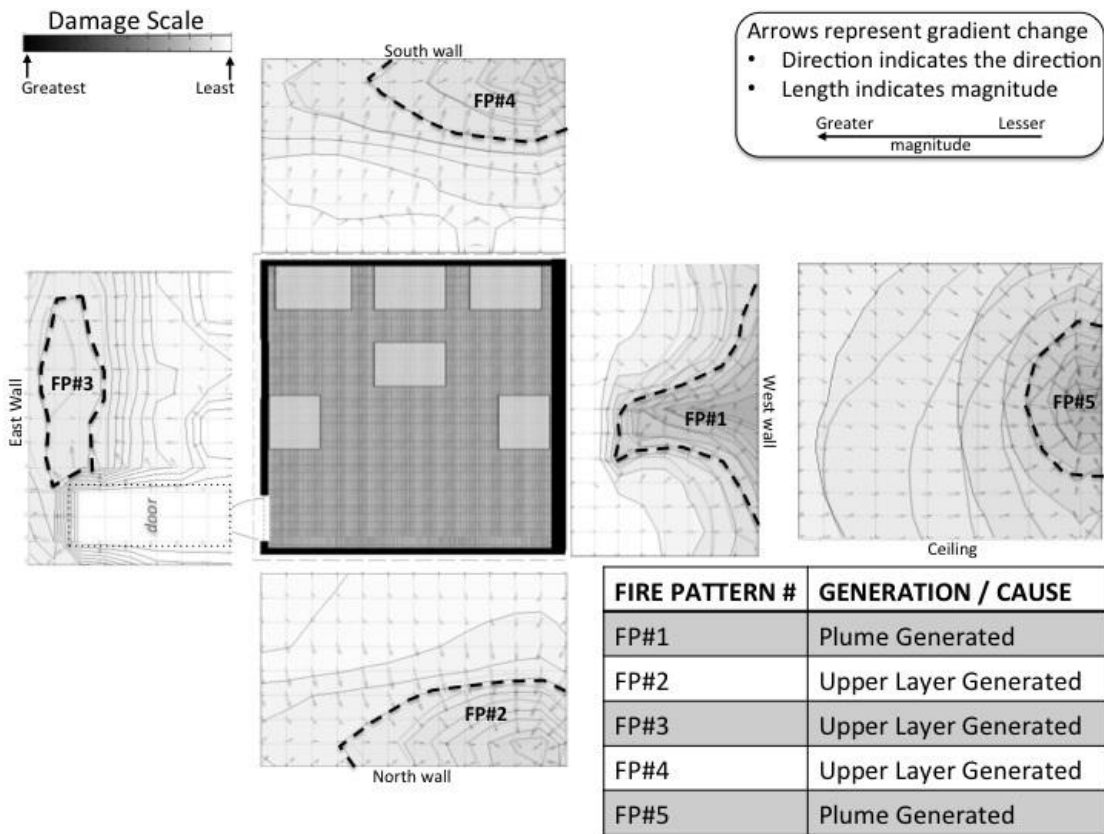
FP6, 1500, 900

## Block 26

### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

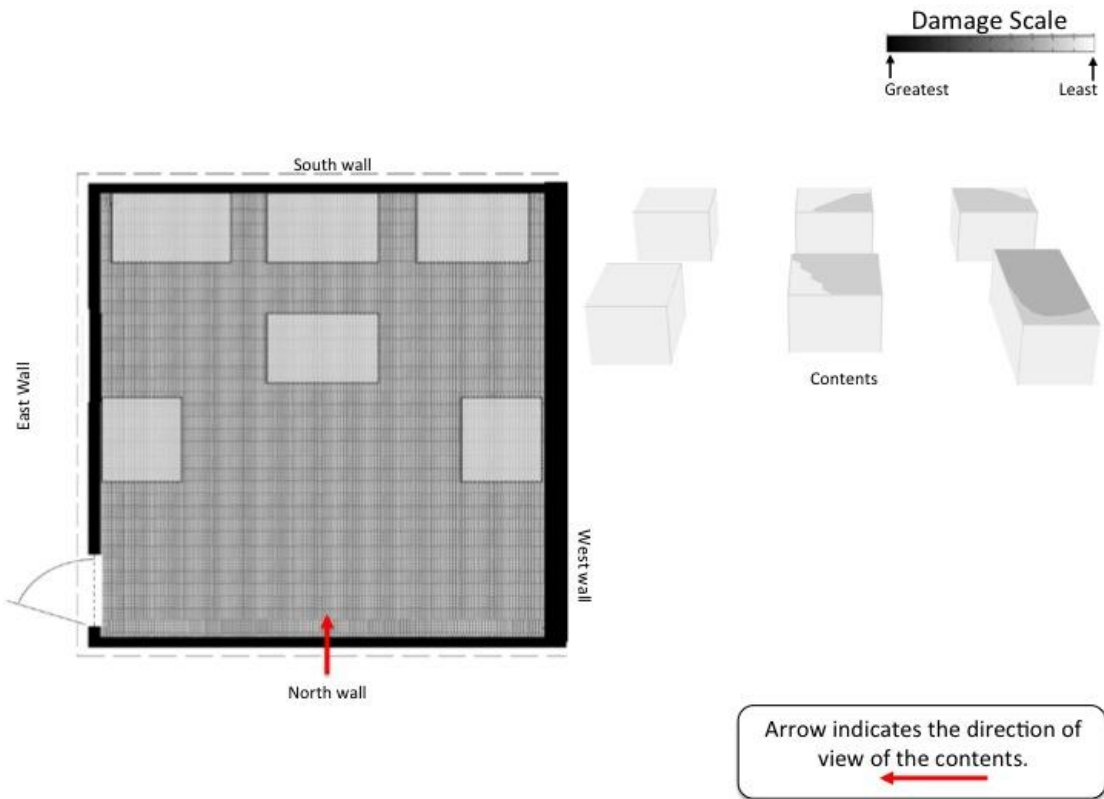
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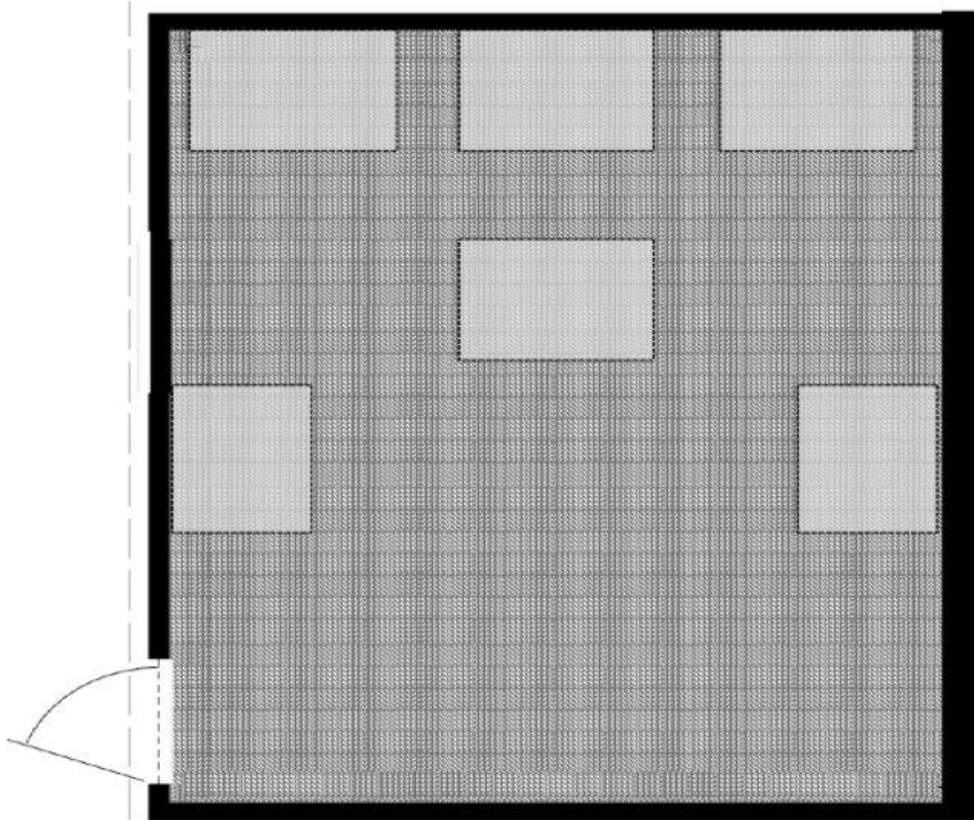
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



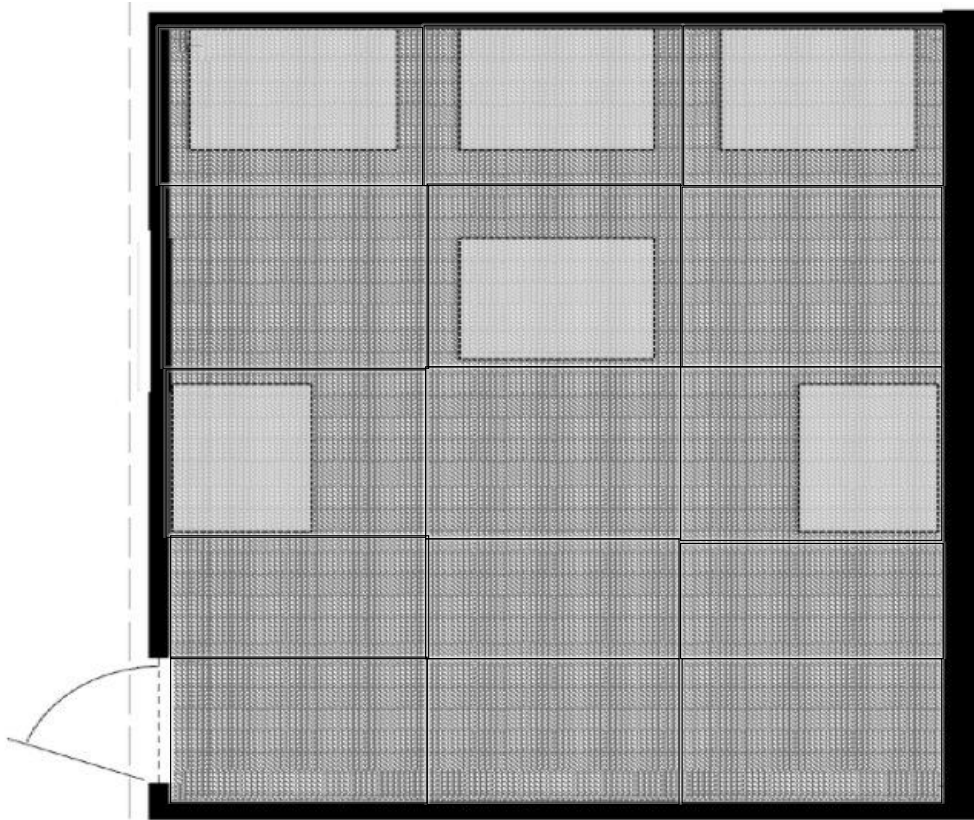
**Center of the Area of Origin Determination**

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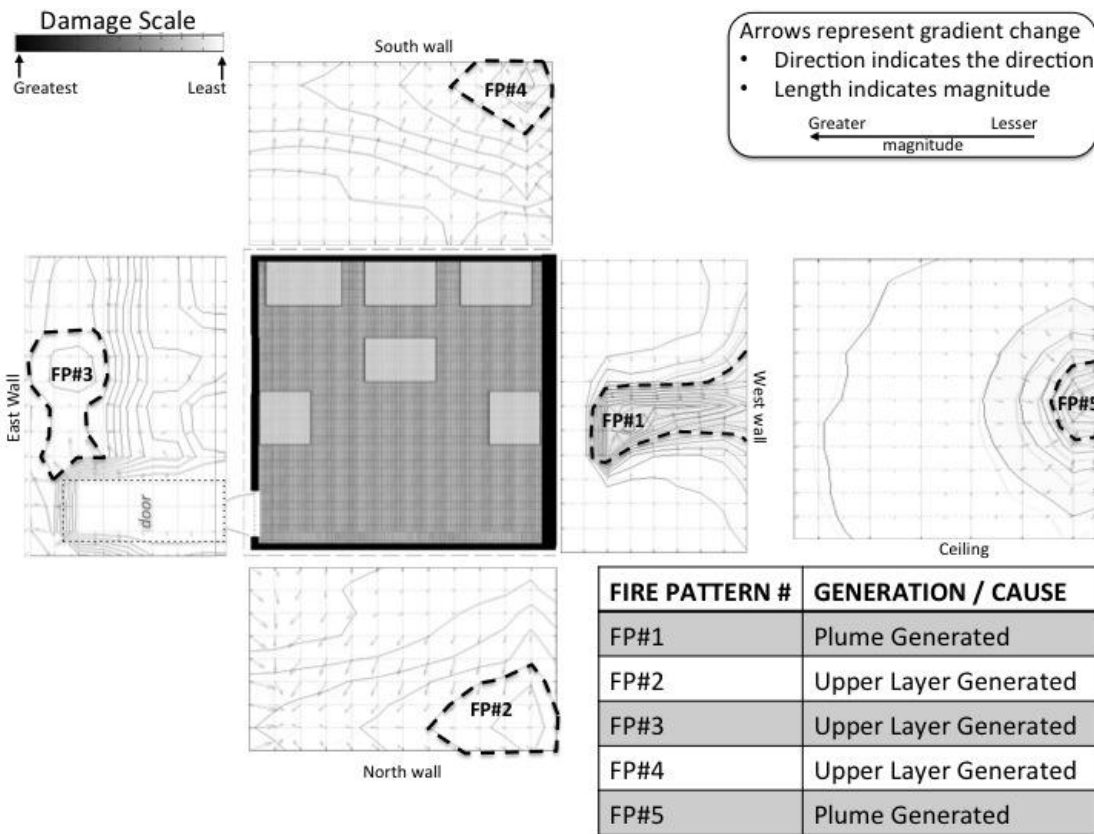
FP6, 1500, 360

## Block 25

### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

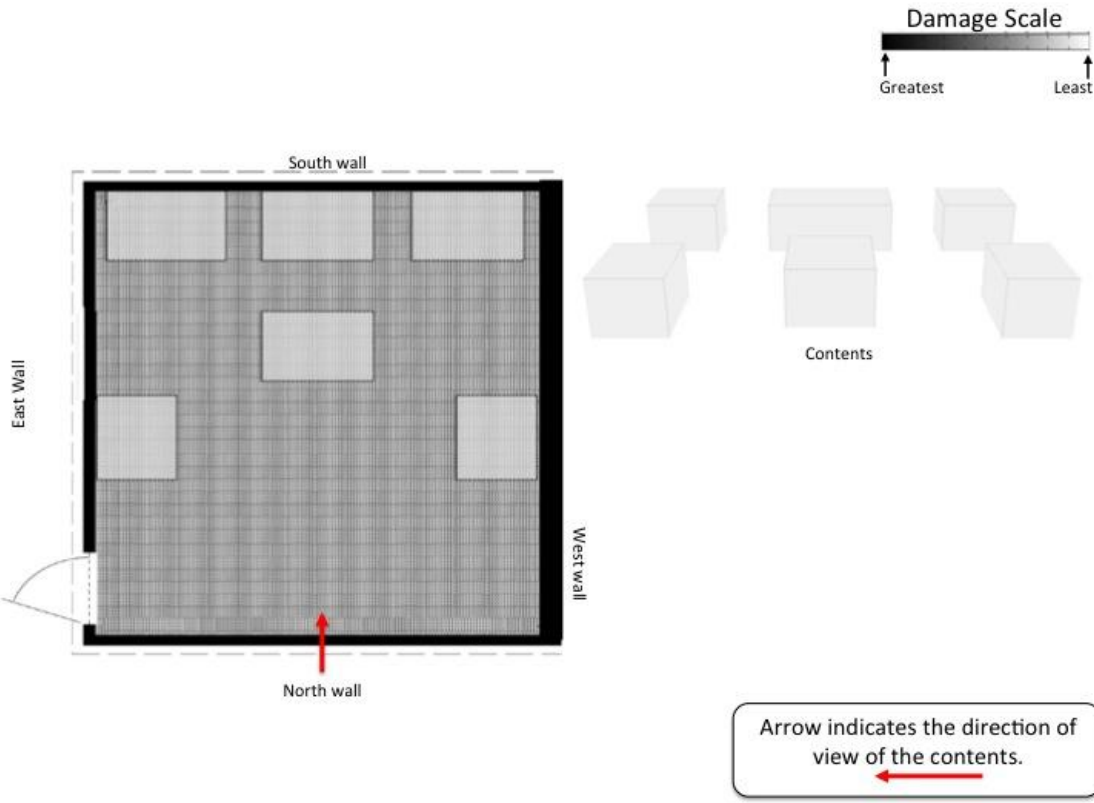
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**CONTOUR PLOTS OF DAMAGE - CONTENTS**

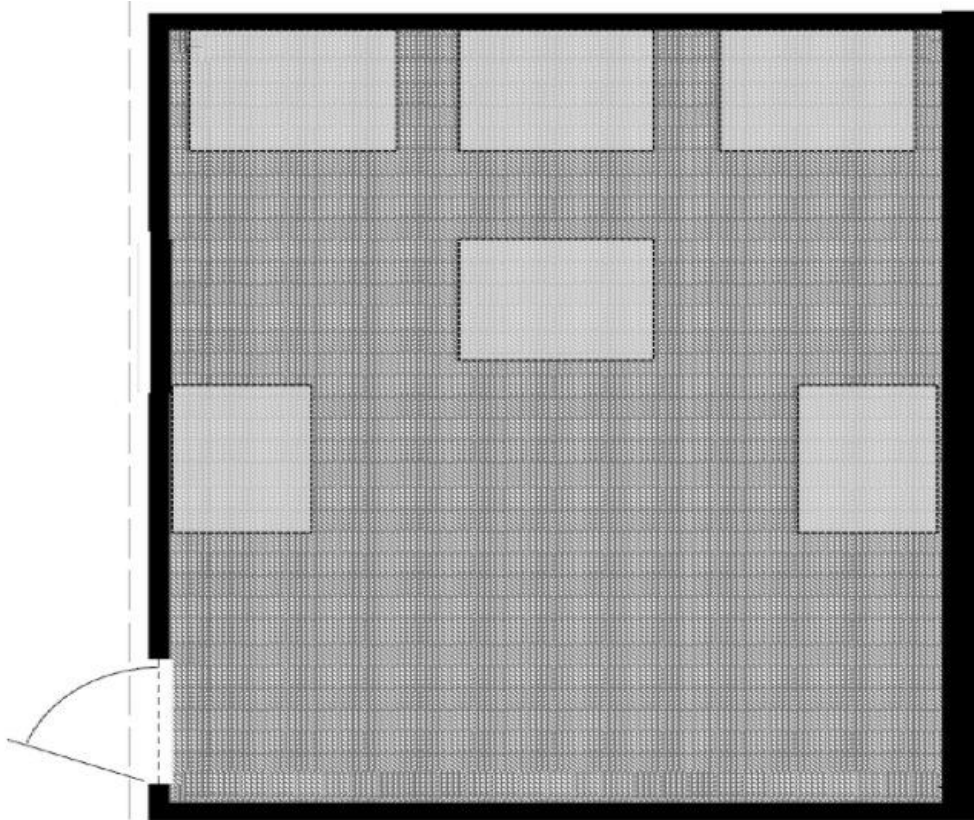
Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.





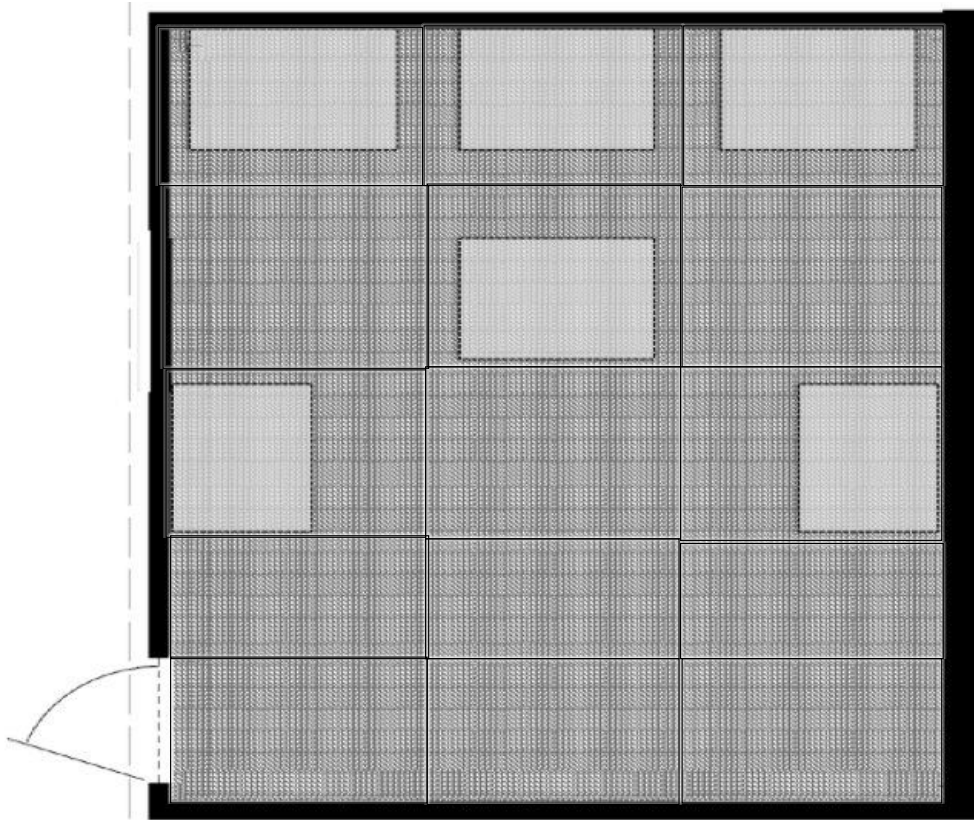
**Center of the Area of Origin Determination**

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**AREA OF ORIGIN DETERMINATION**

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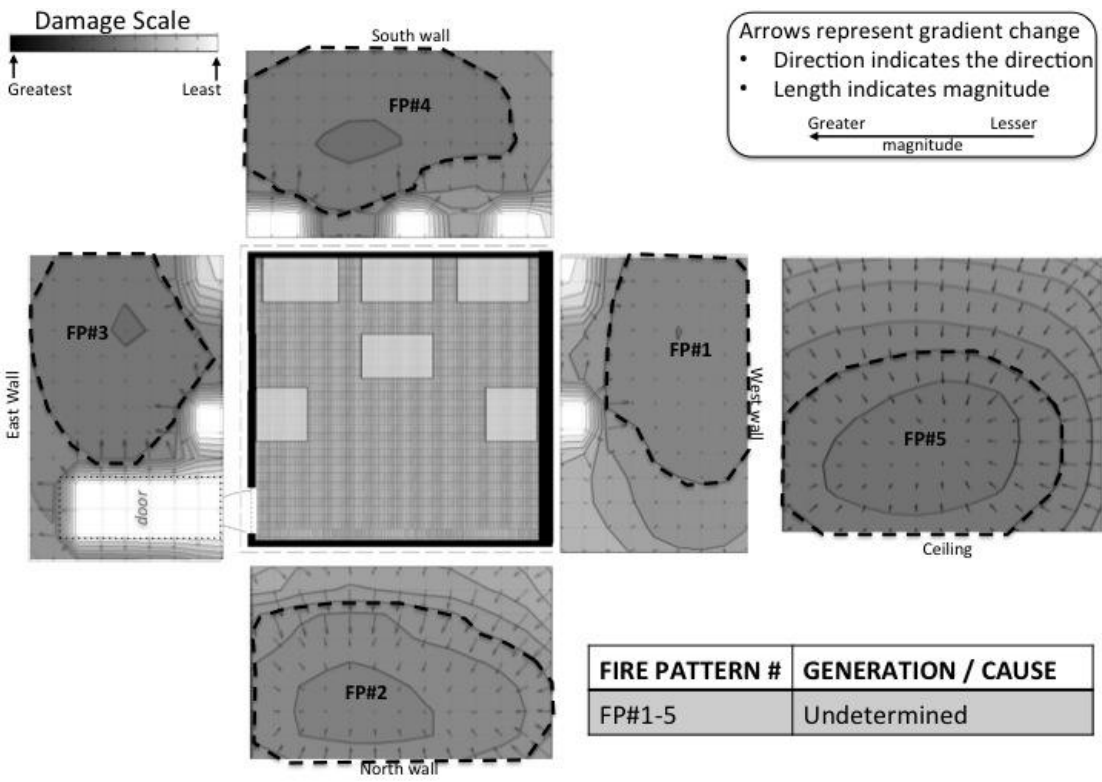
FP6, 1500, 120

## Block 24

### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

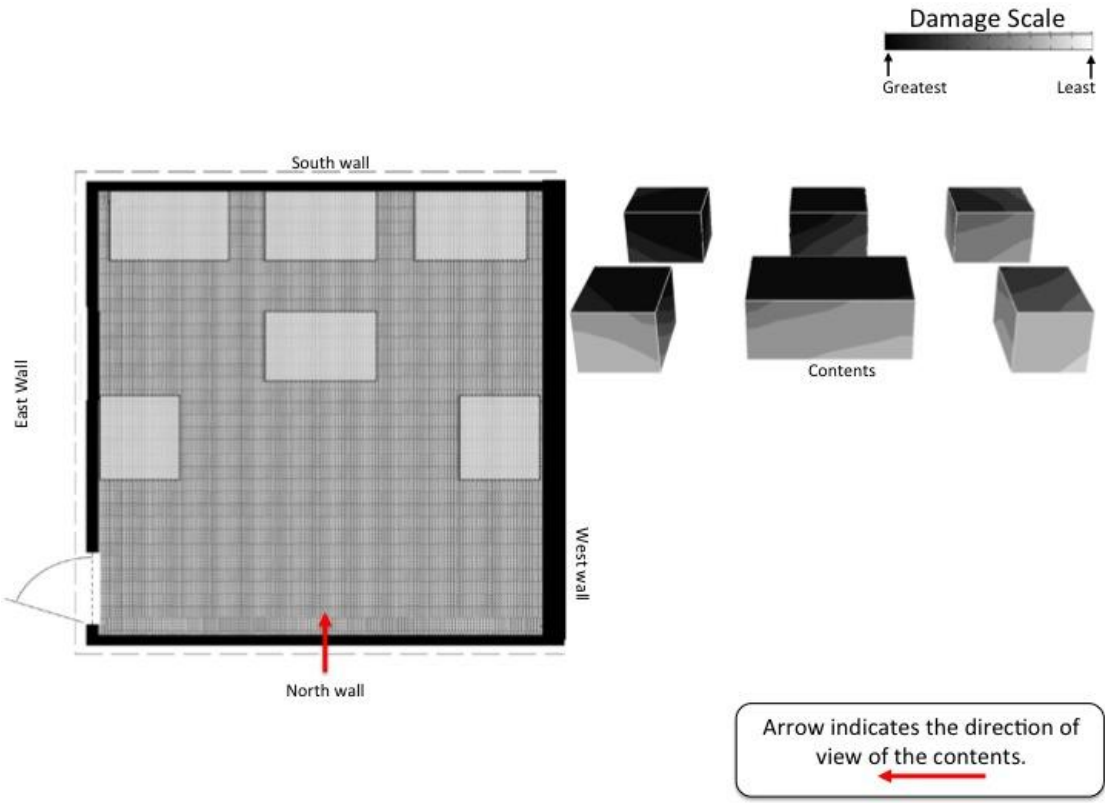
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

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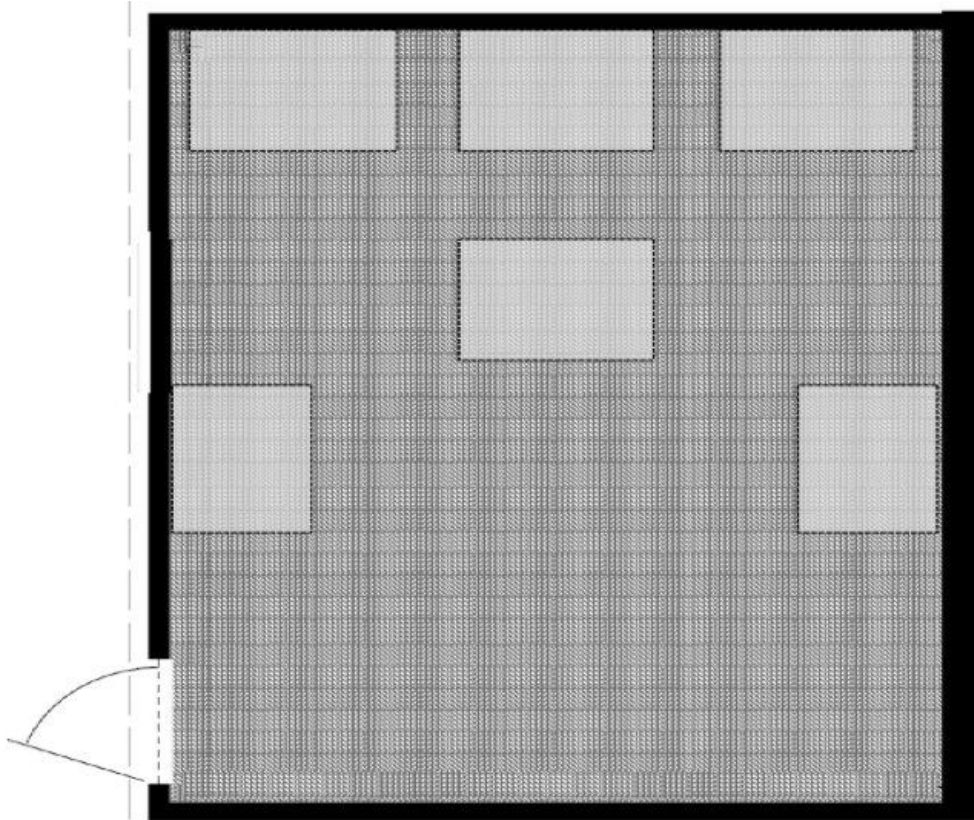
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



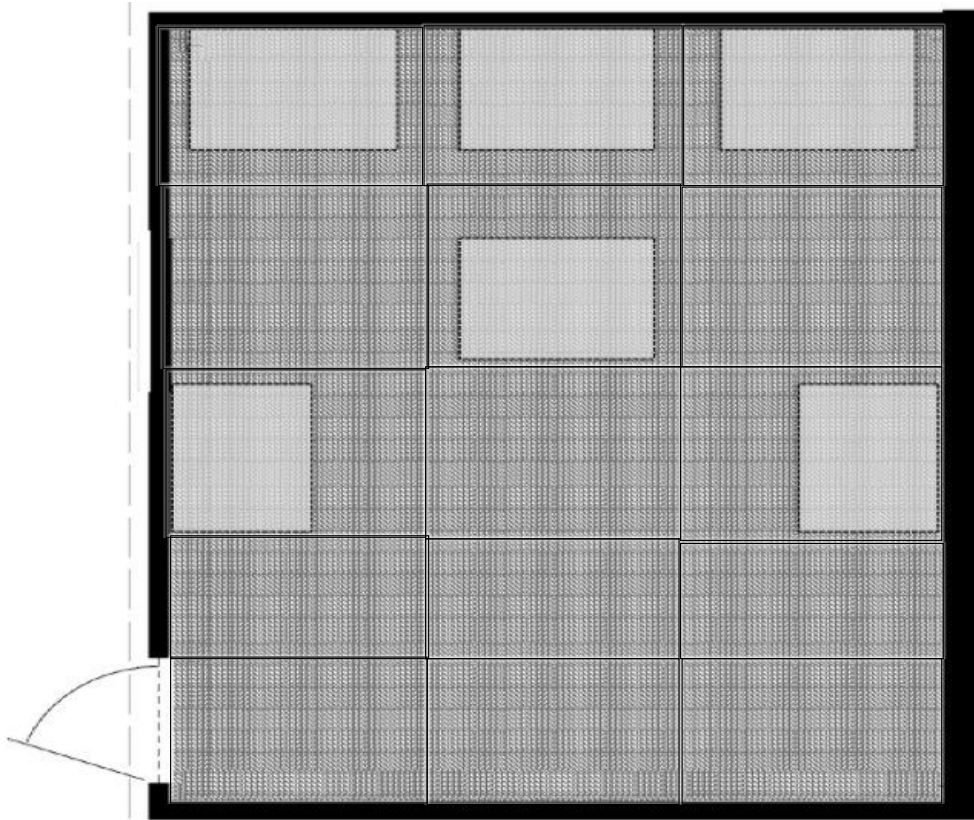
**Center of the Area of Origin Determination**

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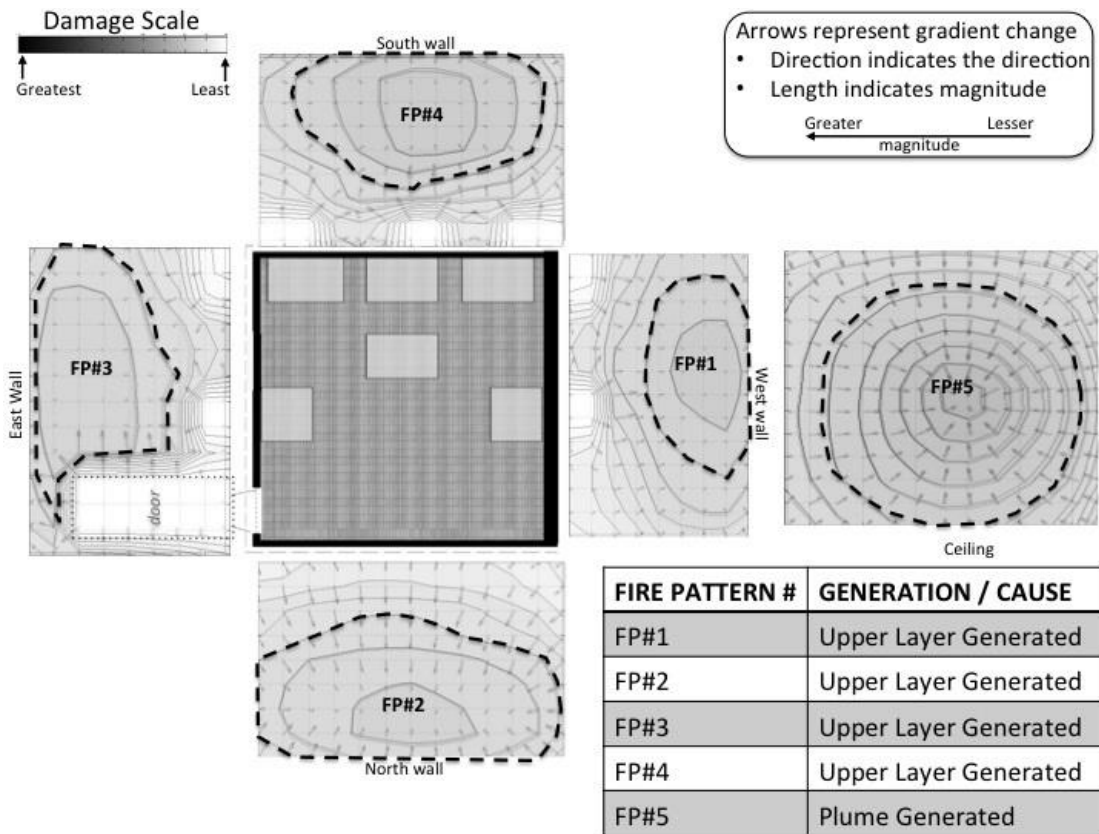
FP4, 4000, 900

### Block 23

#### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

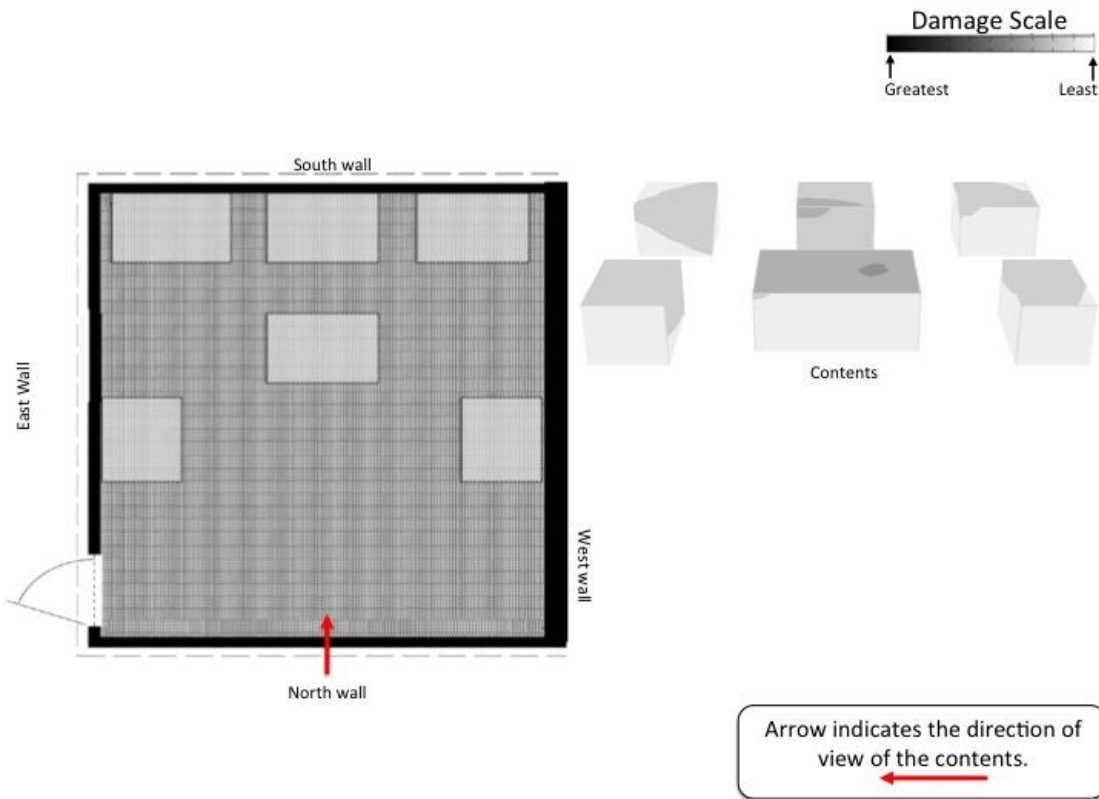
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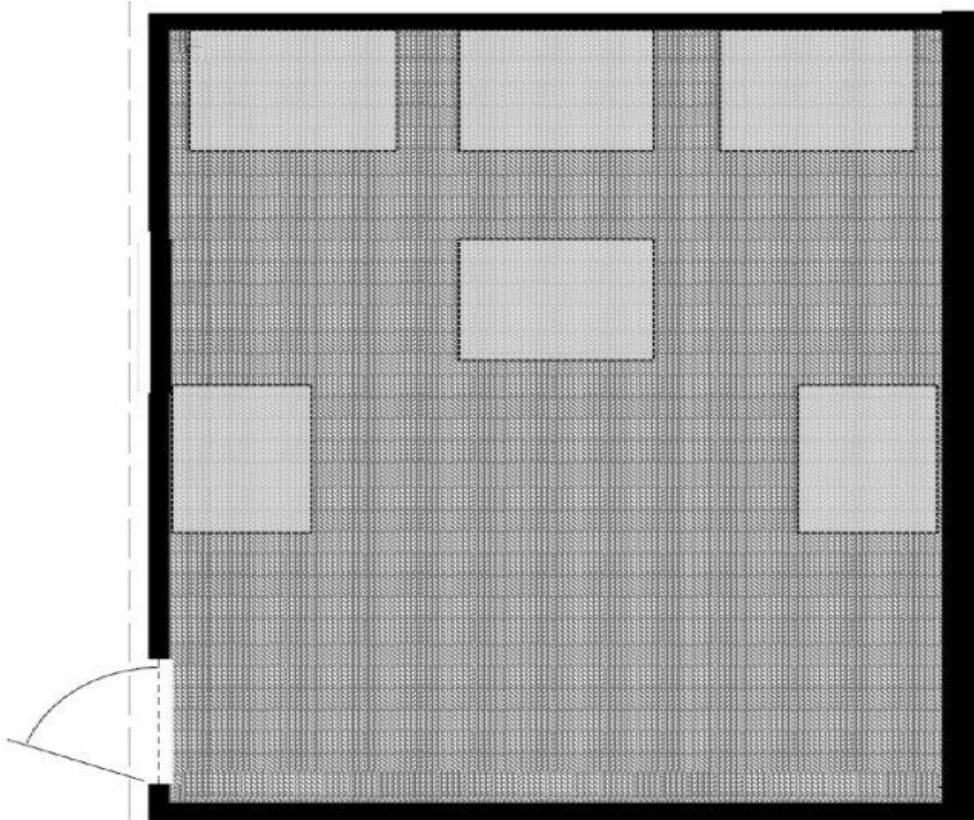
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



**Center of the Area of Origin Determination**

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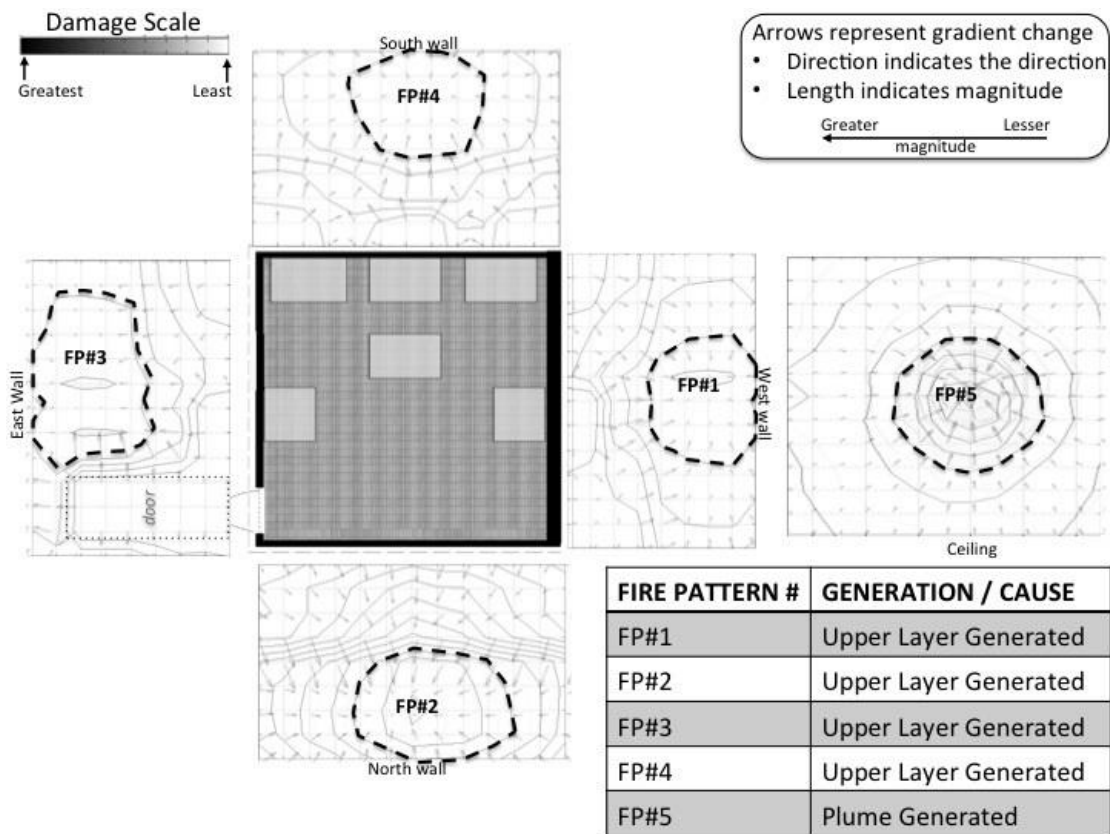


**AREA OF ORIGIN DETERMINATION**

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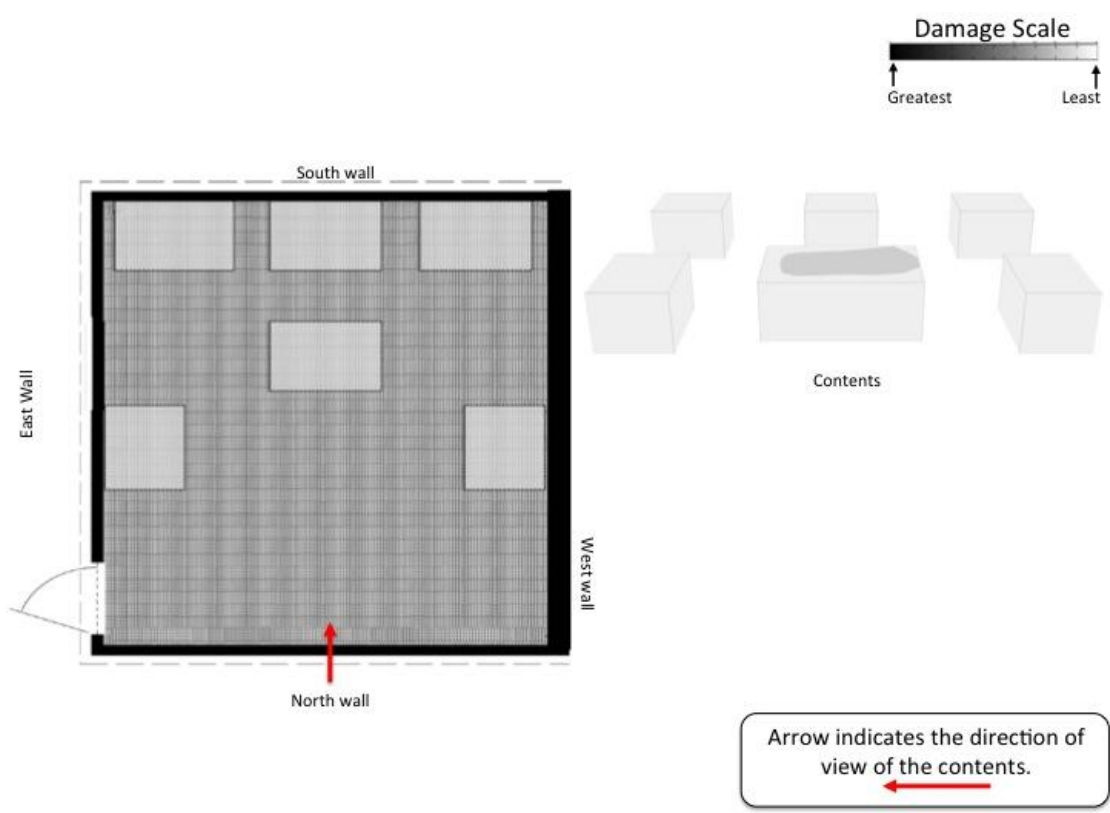






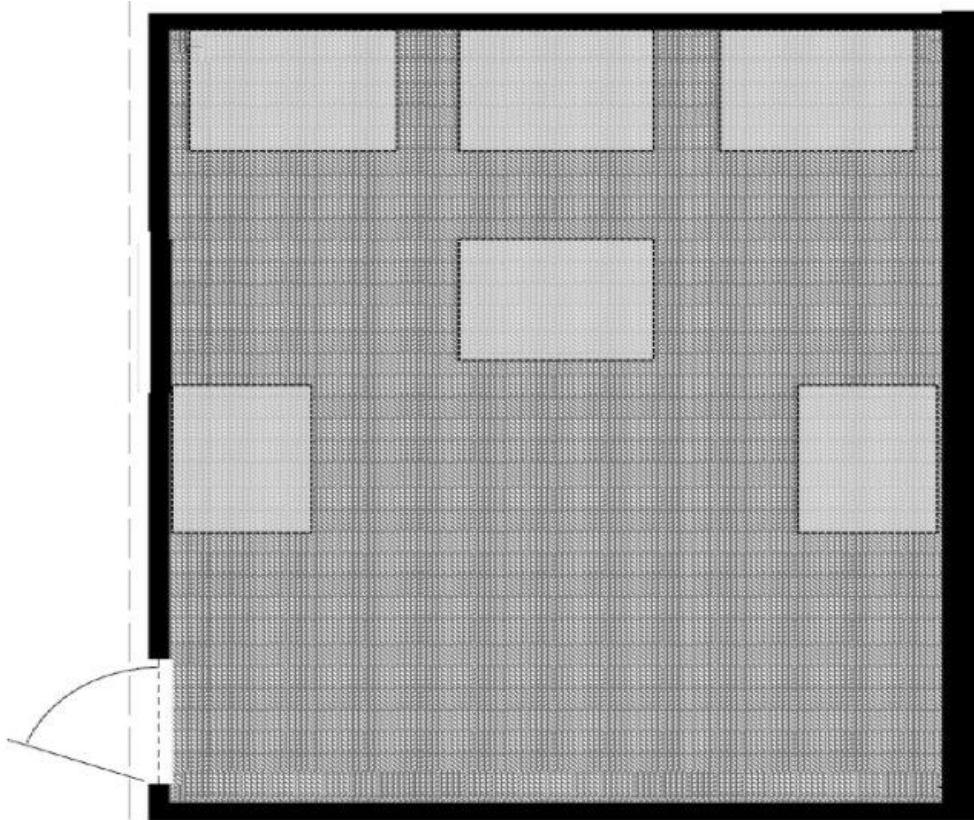
### CONTOUR PLOTS OF DAMAGE - CONTENTS

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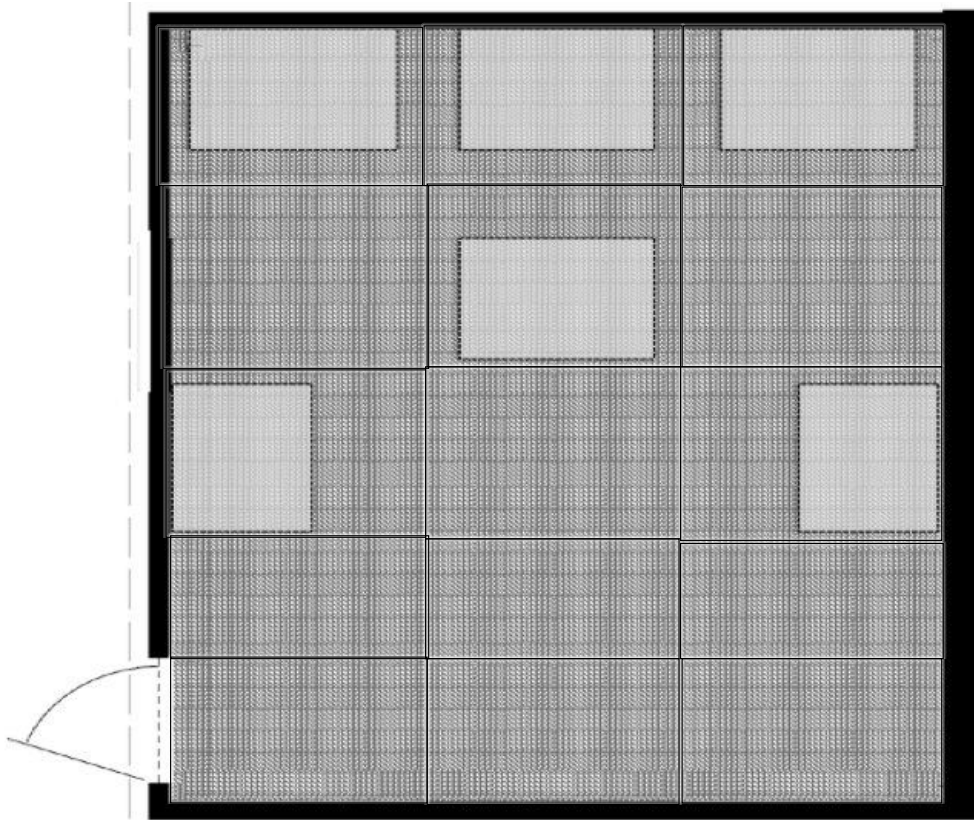
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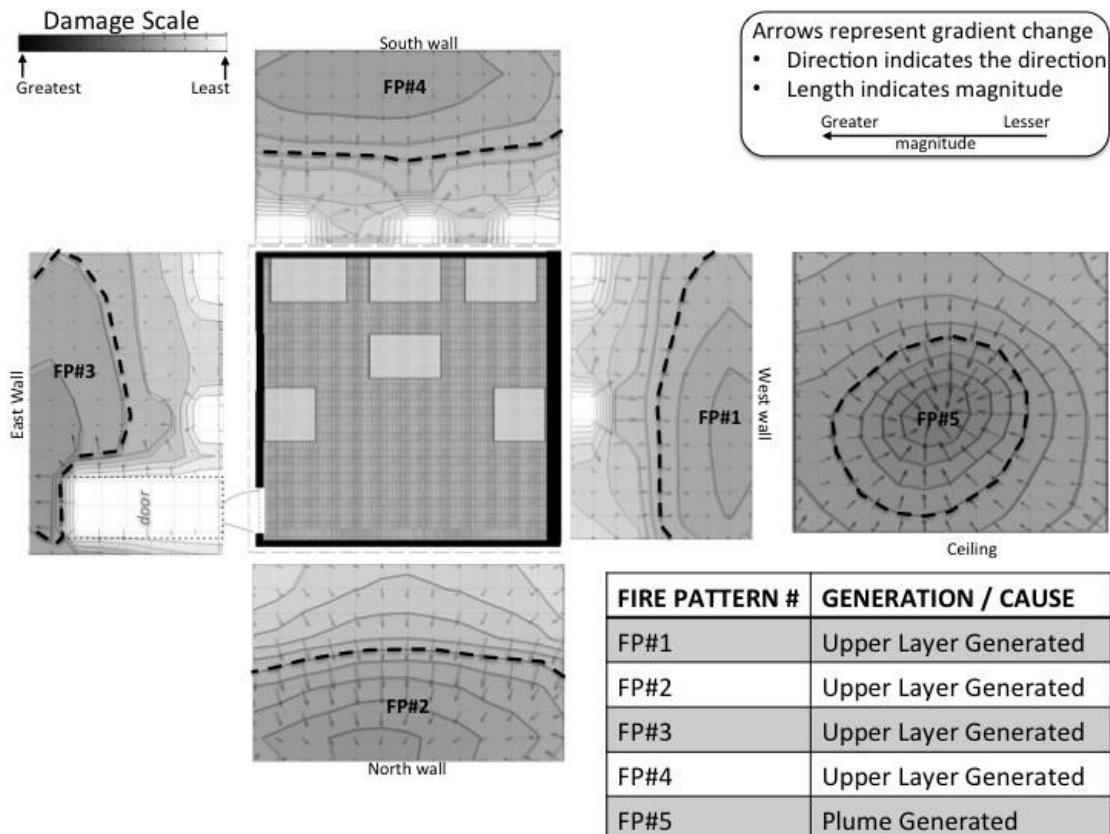
FP4, 4000, 120

## Block 21

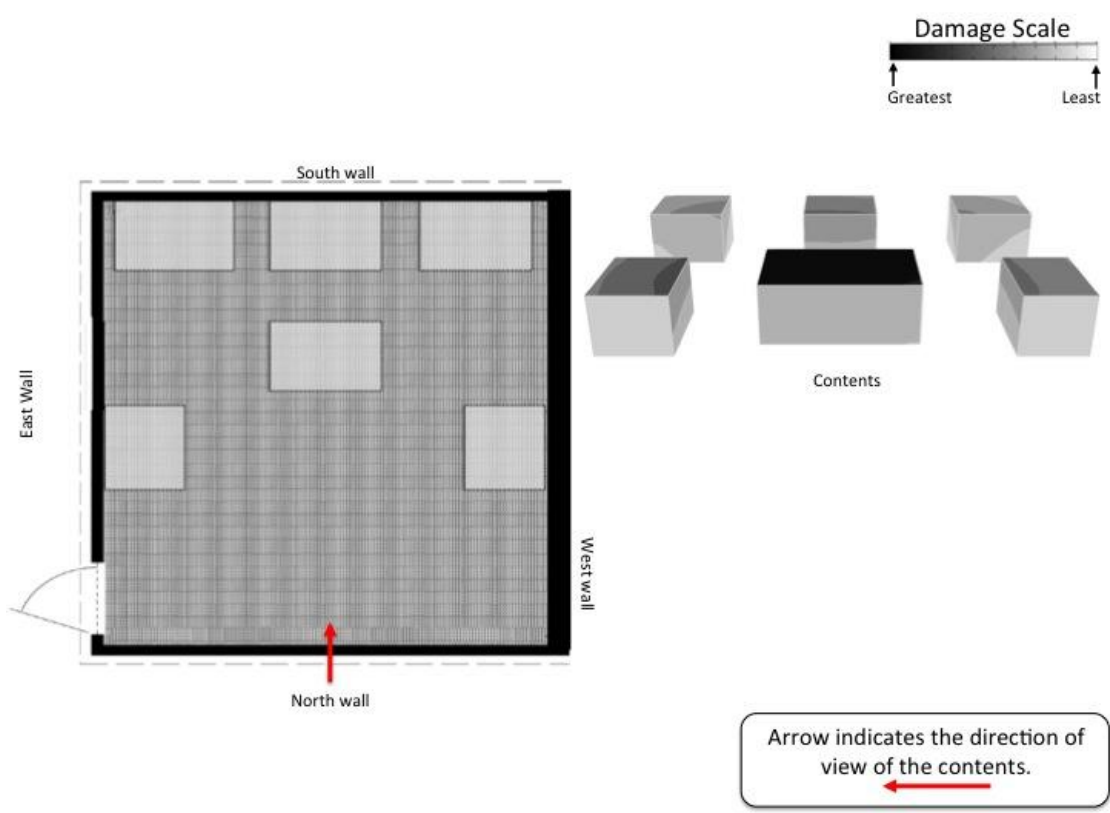
### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

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\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside

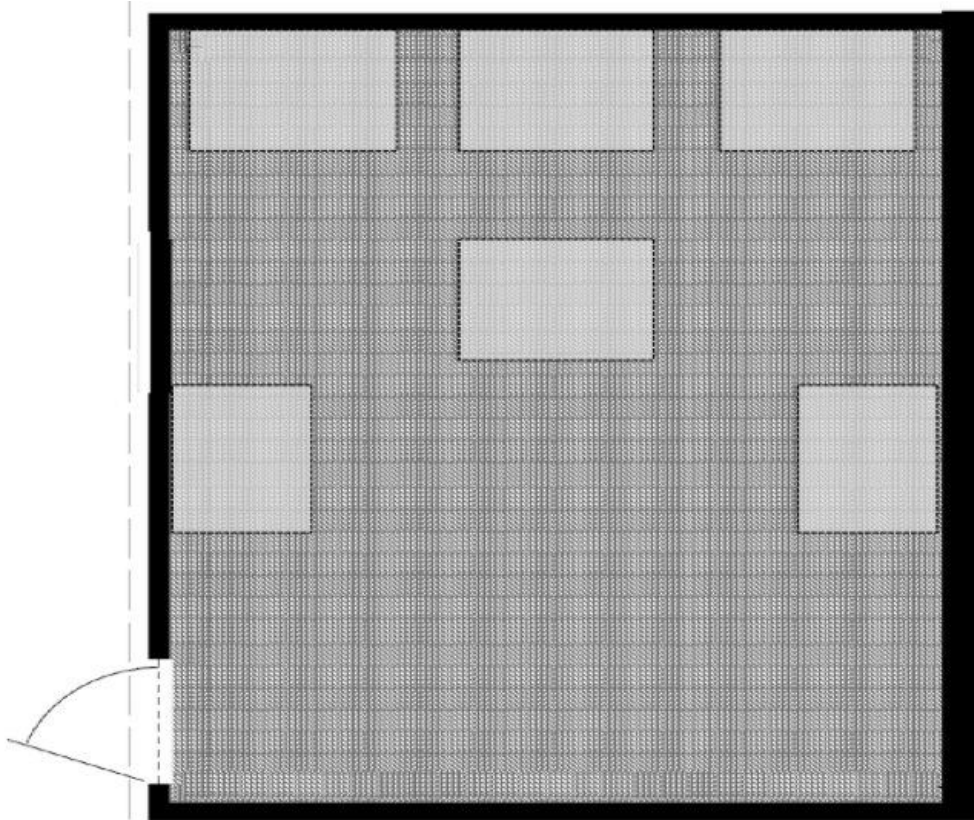


**CONTOUR PLOTS OF DAMAGE - CONTENTS**  
 Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



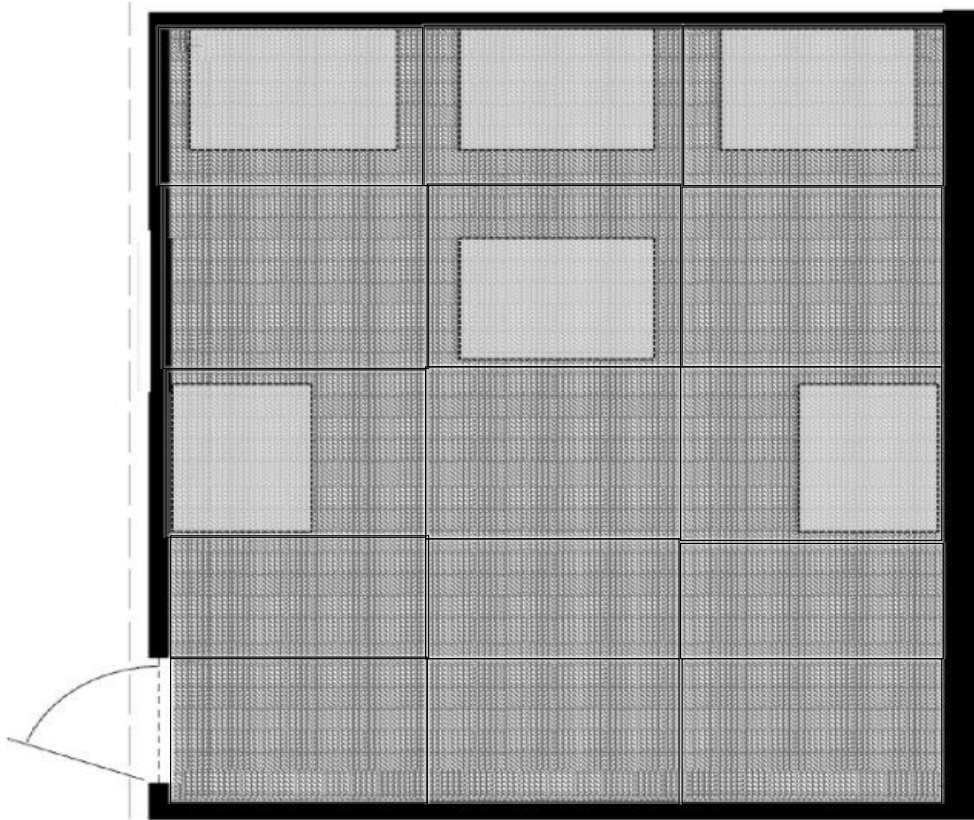
**Center of the Area of Origin Determination**

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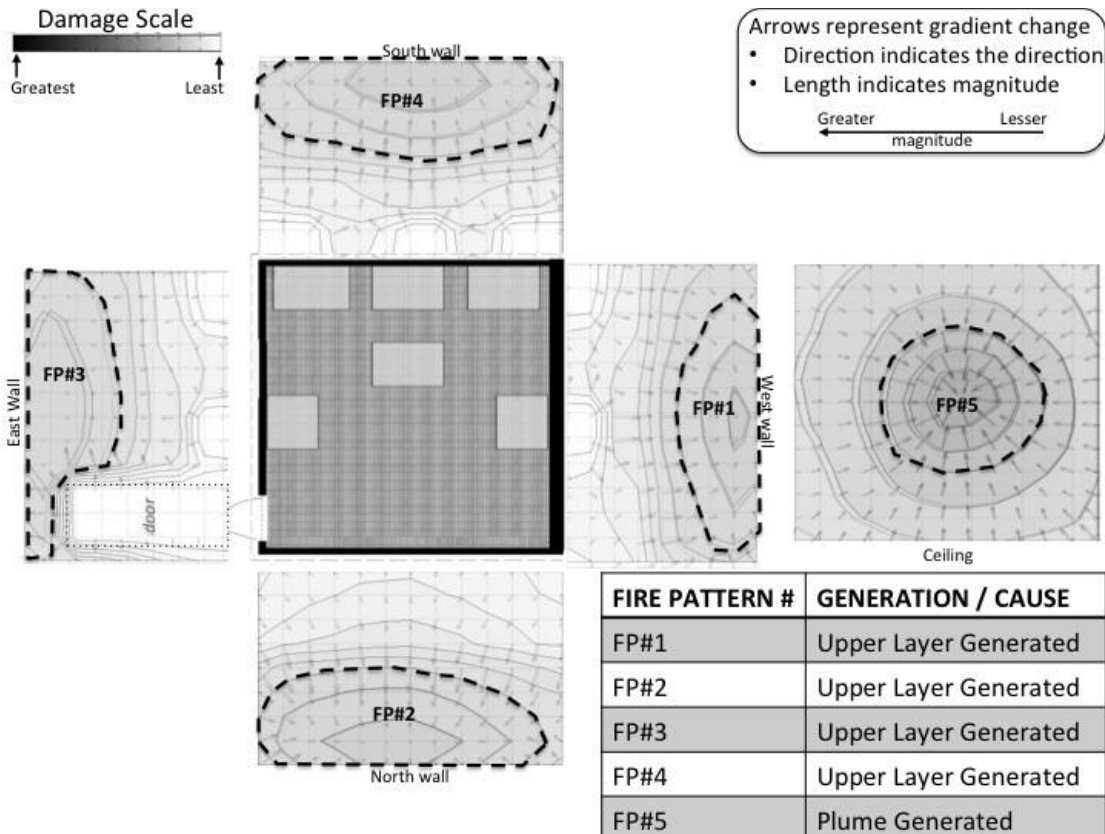
FP4, 1500, 900

## Block 20

### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

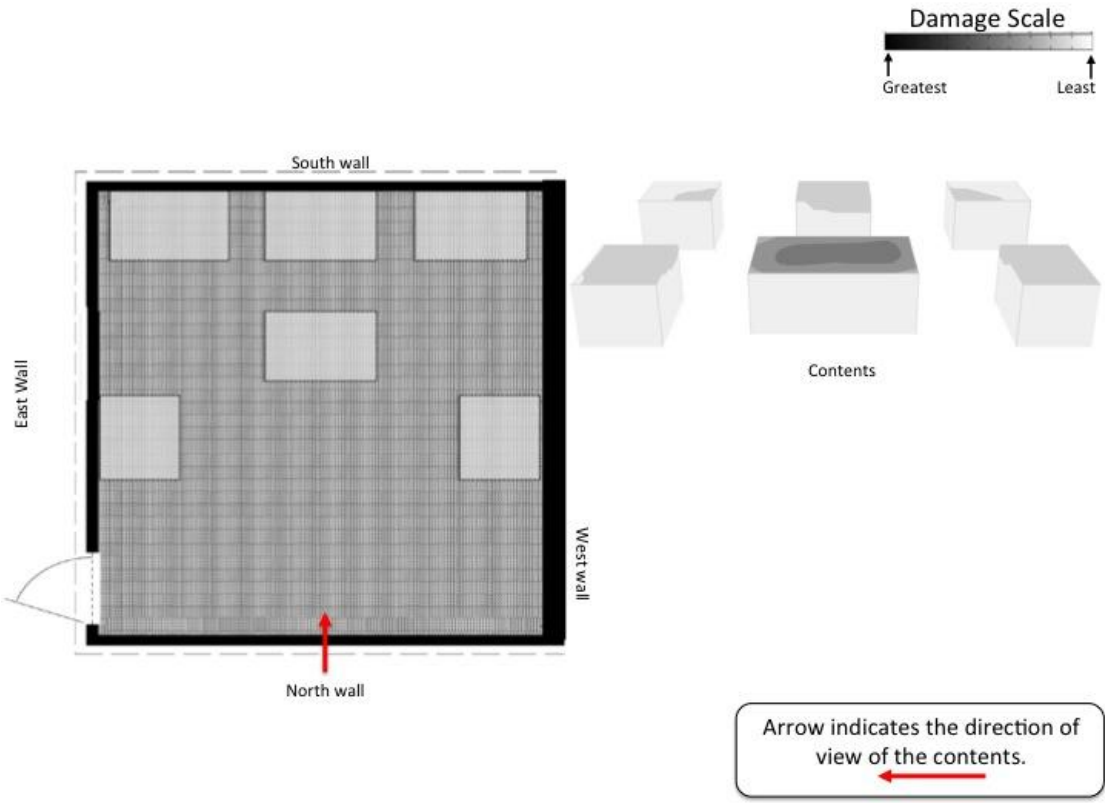
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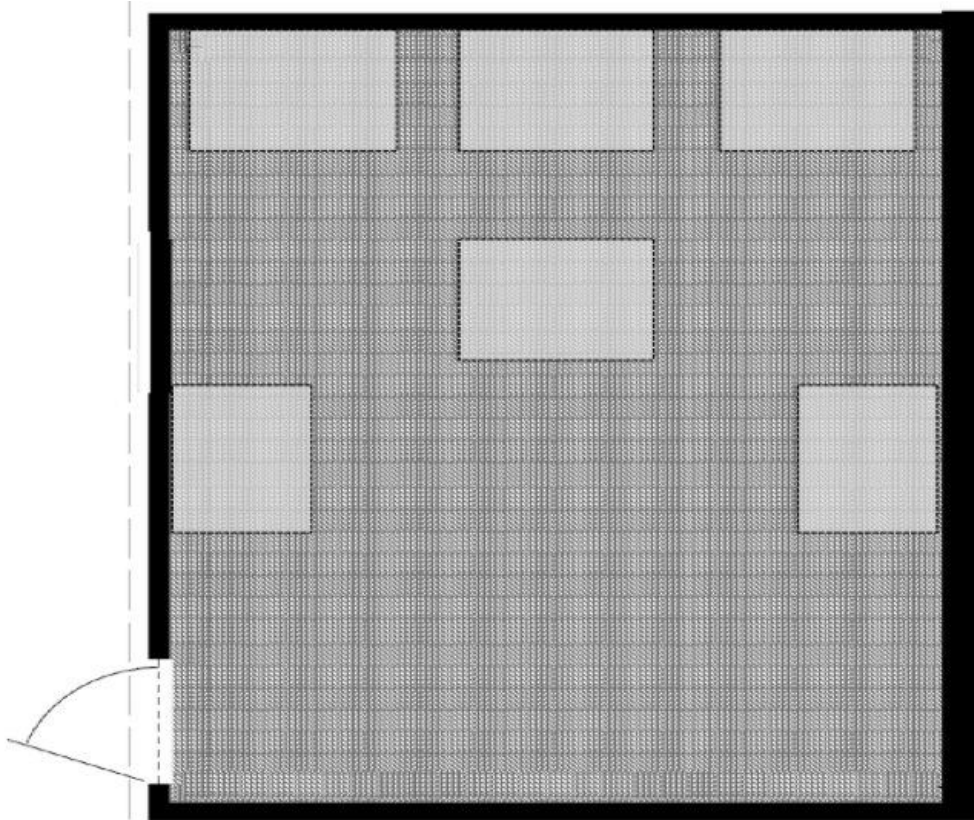
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



**Center of the Area of Origin Determination**

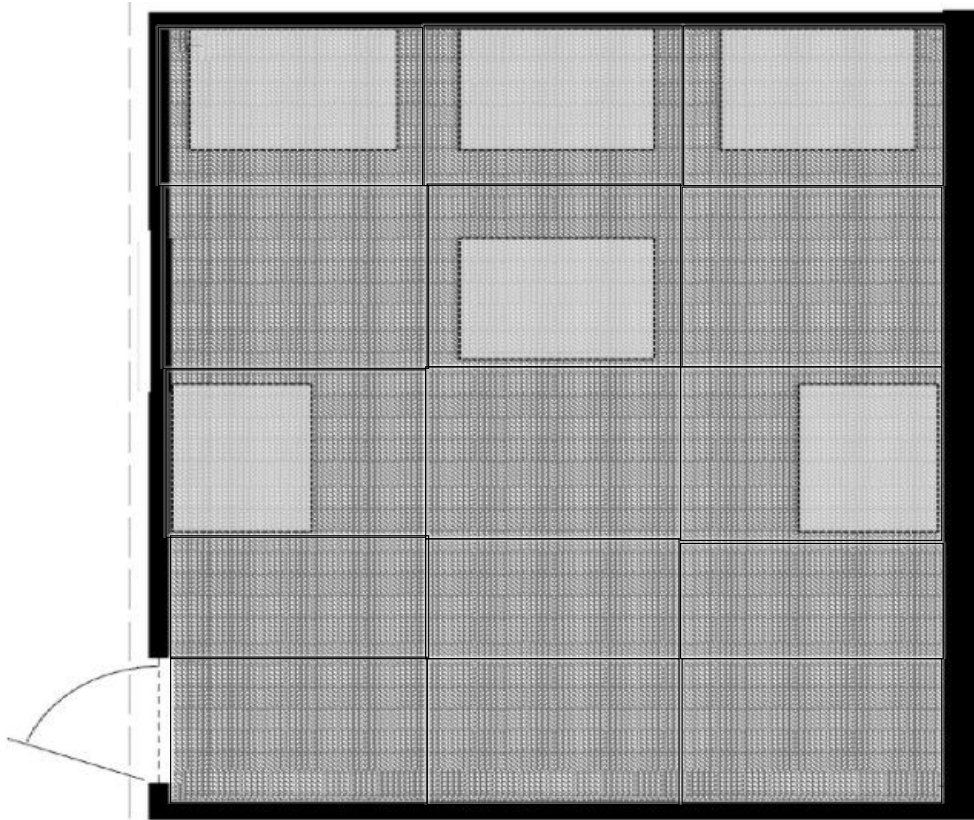
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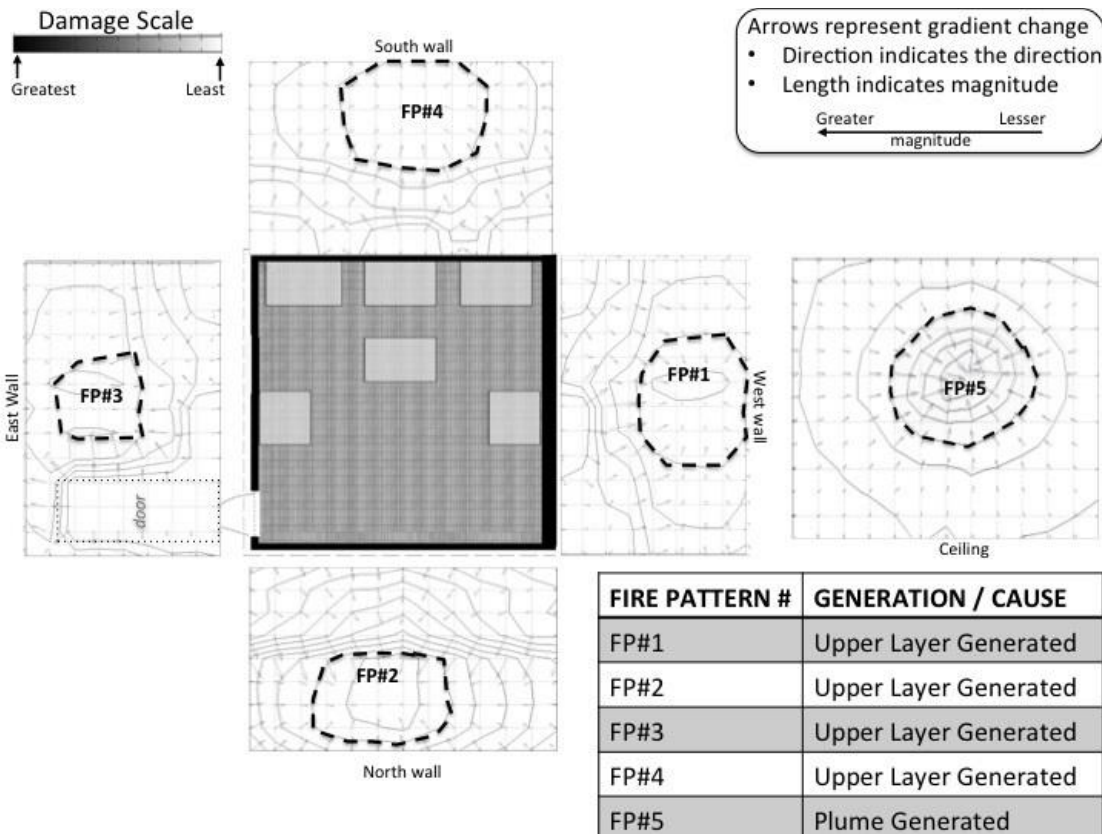
FP4, 1500, 360

### Block 19

#### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

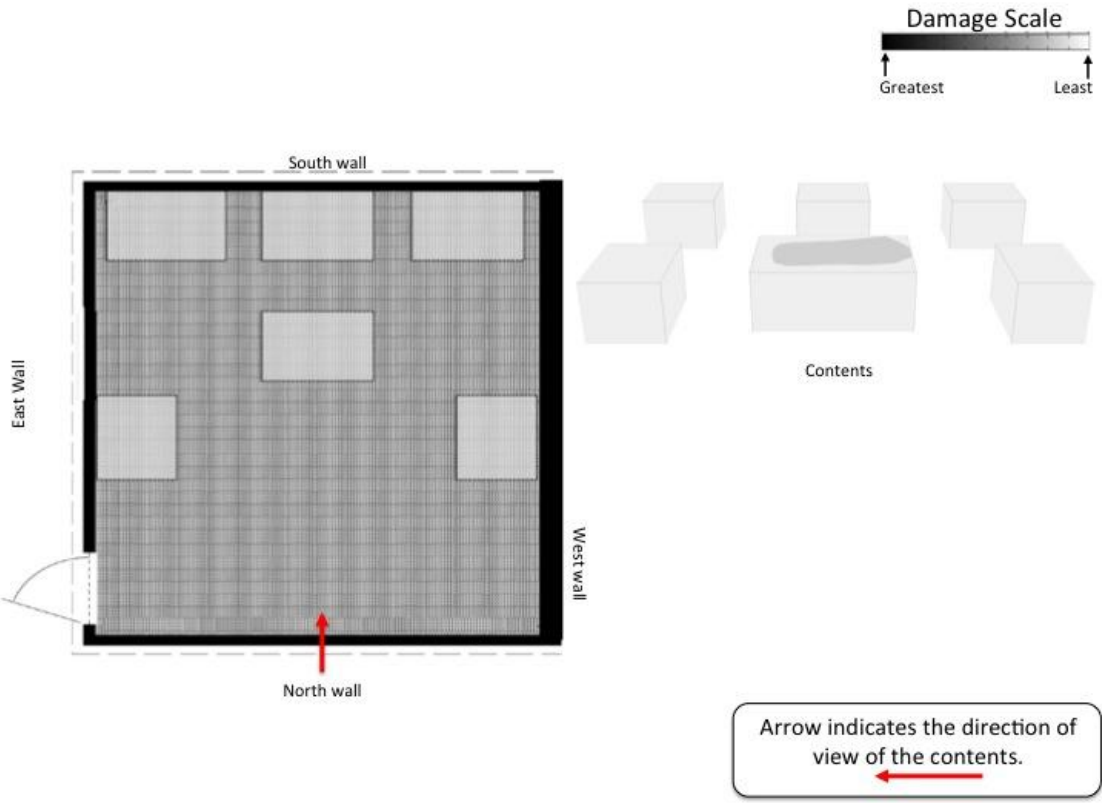
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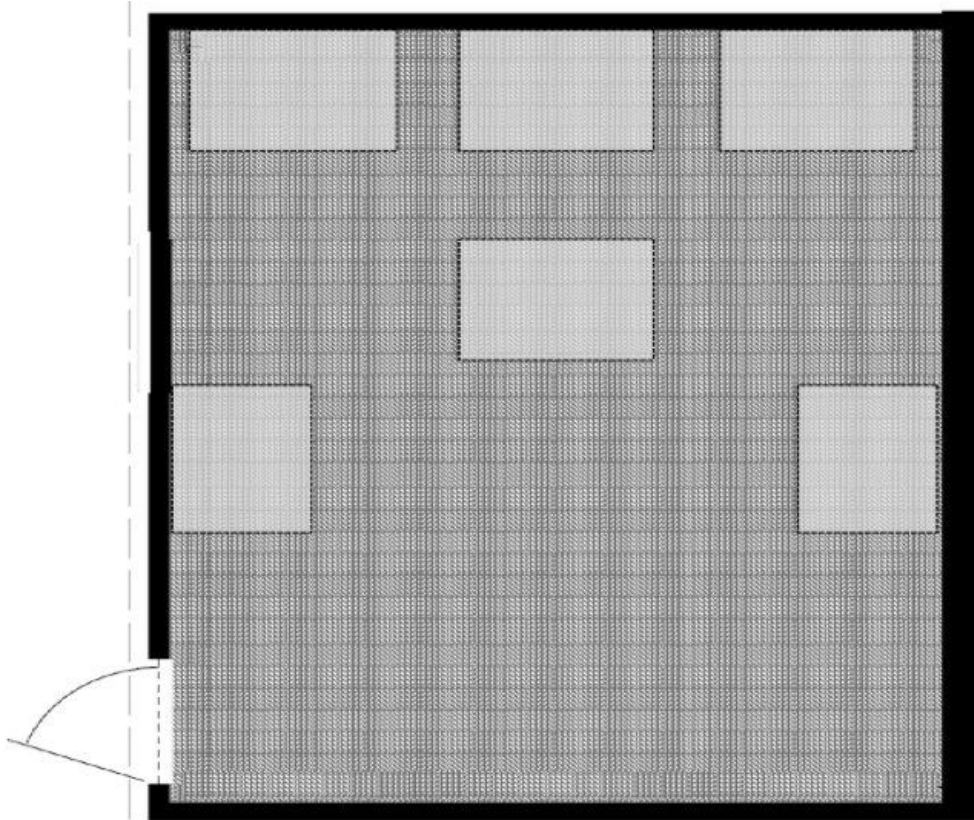
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

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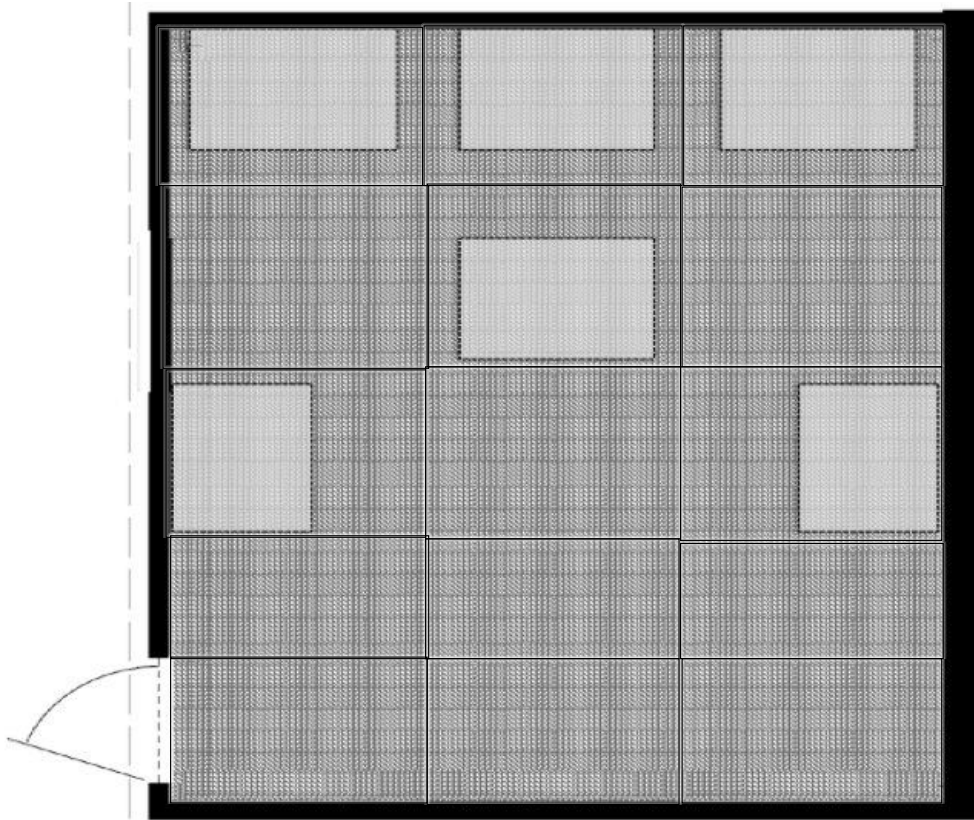
**Center of the Area of Origin Determination**

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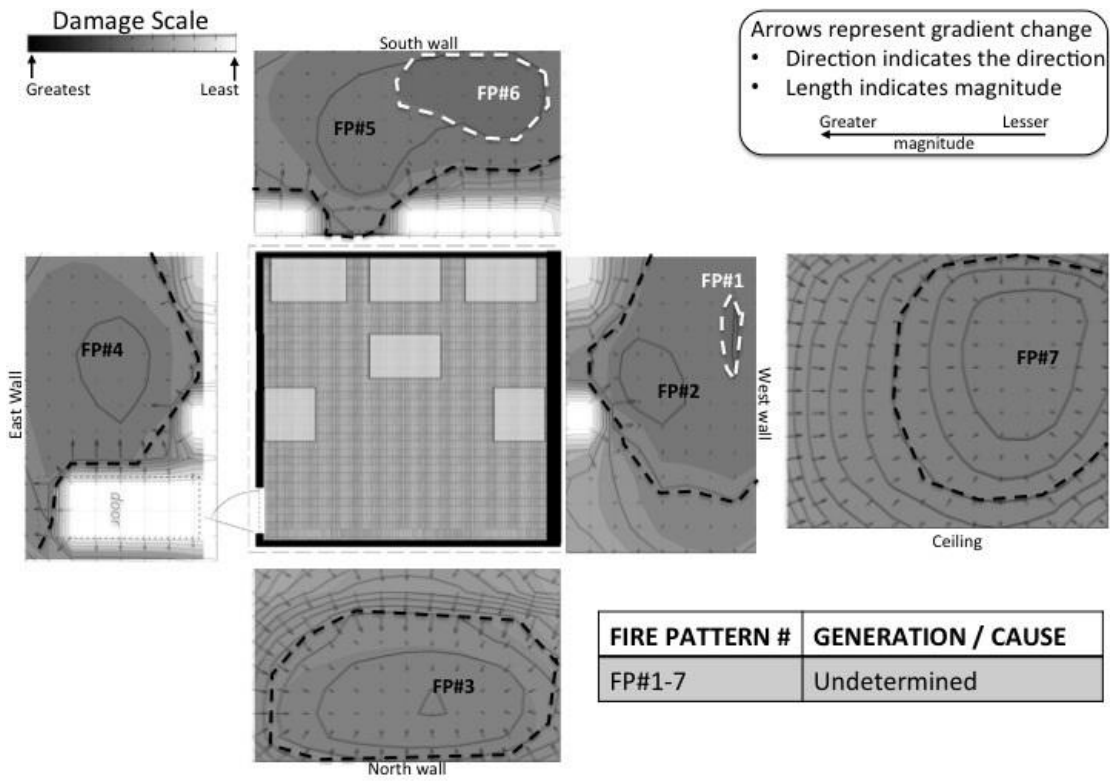
FP4, 1500, 120

### Block 18

#### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

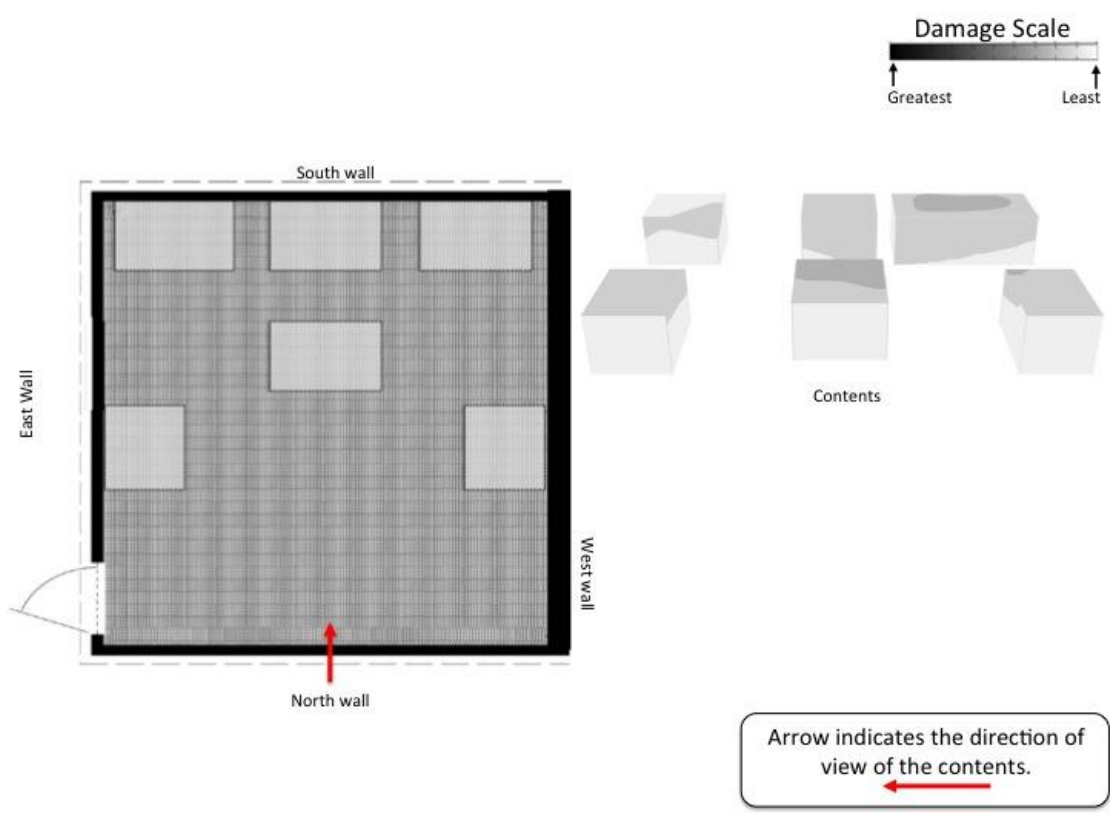
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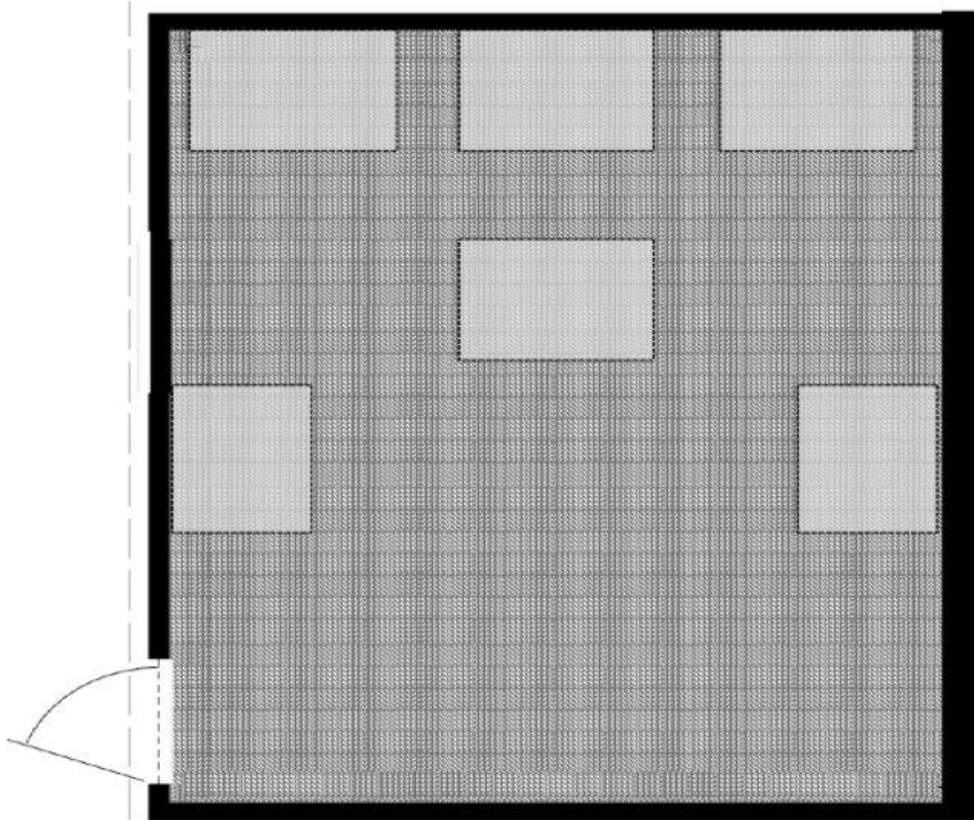
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



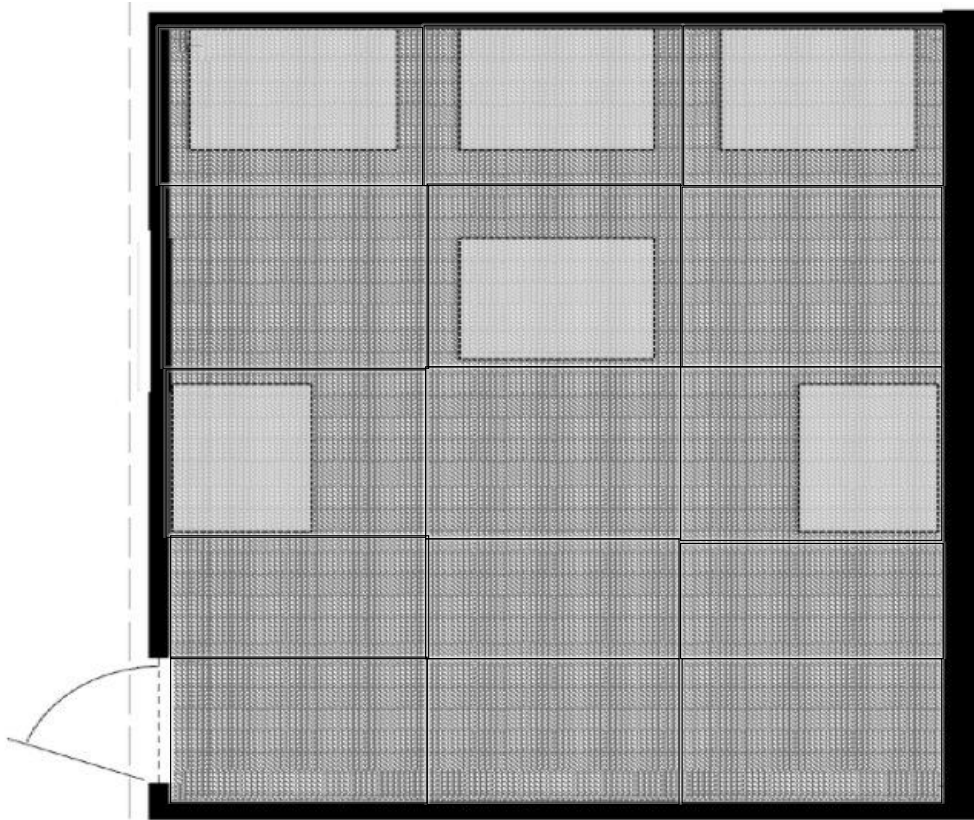
**Center of the Area of Origin Determination**

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**AREA OF ORIGIN DETERMINATION**

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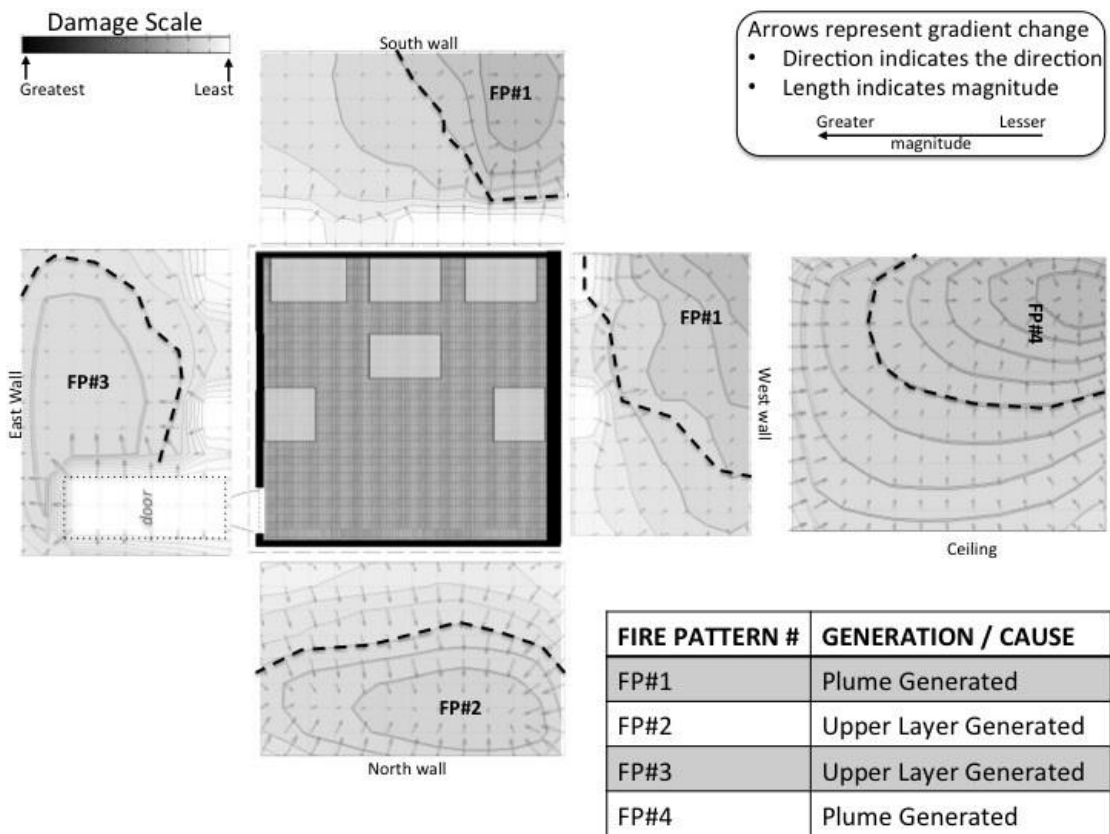
FP3, 4000, 900

### Block 17

#### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

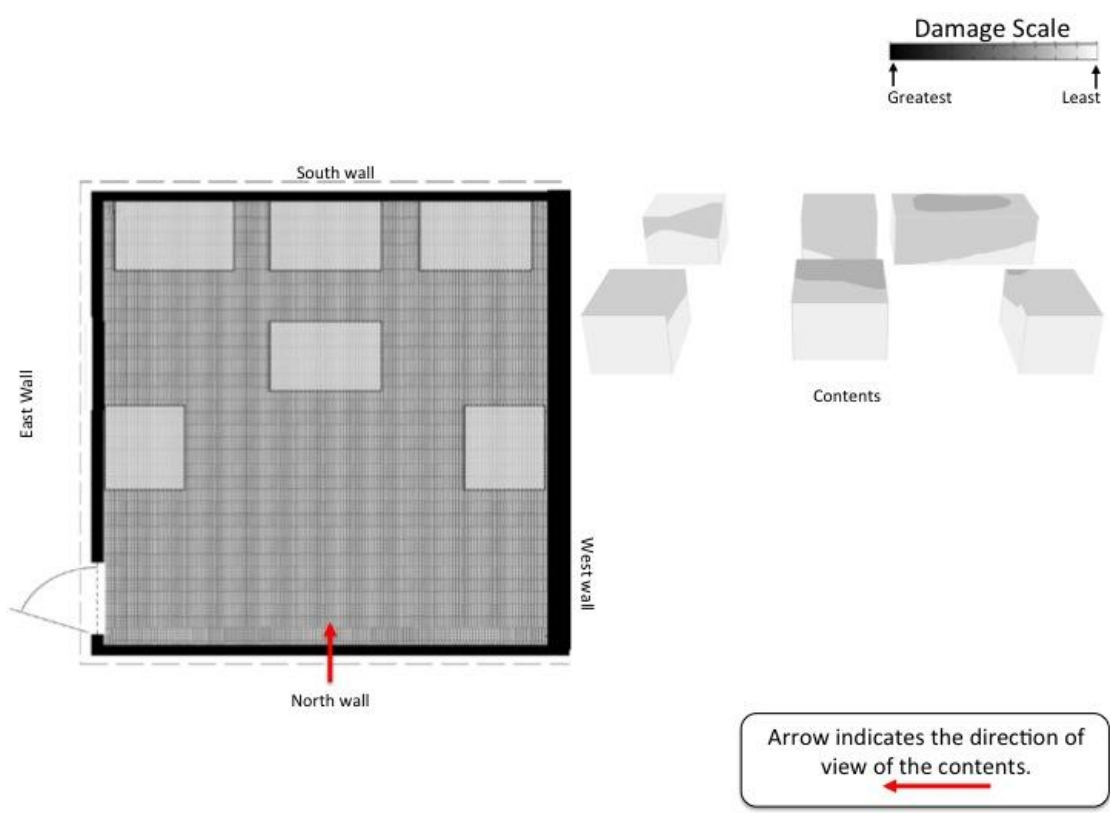
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside



**CONTOUR PLOTS OF DAMAGE - CONTENTS**

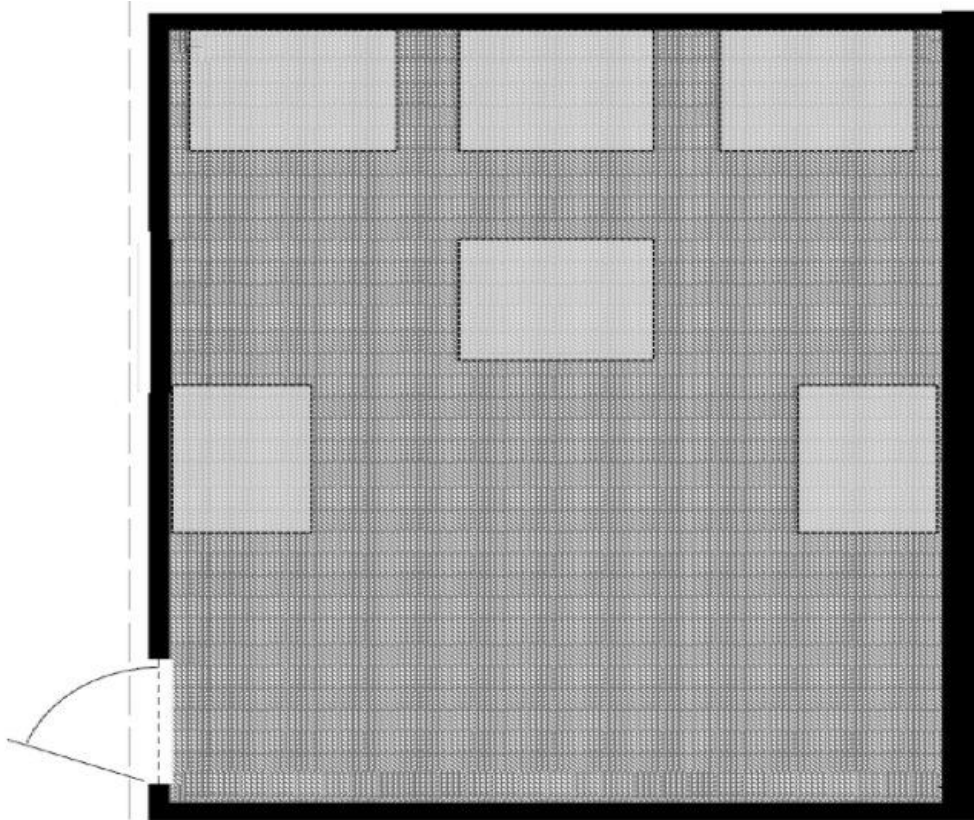
Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.





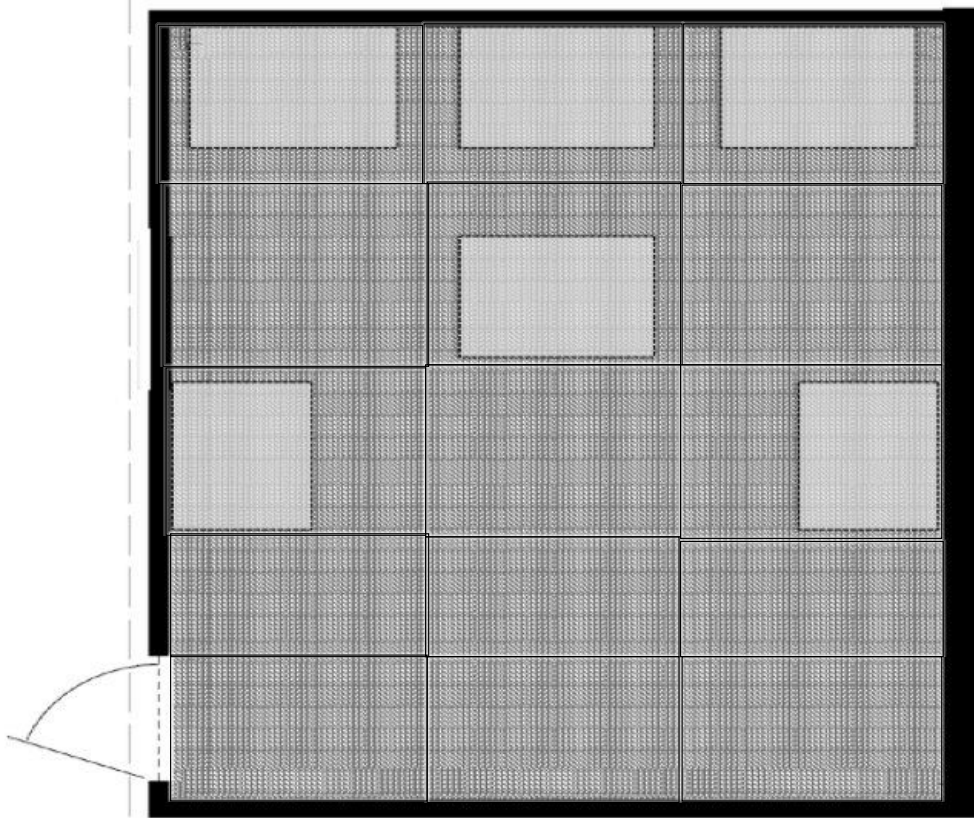
**Center of the Area of Origin Determination**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location



**AREA OF ORIGIN DETERMINATION**

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FP3, 4000, 360

### Attention Check Block

Recent research on decision making shows that choices are affected by context. Differences in how people feel, their previous knowledge and experience, and their environment can affect choices. To help us understand how people make decisions, we are interested in information about you. Specifically, we are interested in whether you actually take the time to read the directions; if not, some results may not tell us very much about decision making in the real world. To show that you have read the instructions, please ignore the question below about how you are feeling and instead check only the “none of the above” option as your answer.

Please check all of the words that describe how you are feeling.

- |                                     |                                       |  |
|-------------------------------------|---------------------------------------|--|
| <input type="checkbox"/> Interested | <input type="checkbox"/> Hostile      | <input type="checkbox"/> Nervous           |
| <input type="checkbox"/> Distressed | <input type="checkbox"/> Enthusiastic | <input type="checkbox"/> Determined        |
| <input type="checkbox"/> Excited    | <input type="checkbox"/> Proud        | <input type="checkbox"/> Attentive         |
| <input type="checkbox"/> Upset      | <input type="checkbox"/> Irritable    | <input type="checkbox"/> Happy             |
| <input type="checkbox"/> Strong     | <input type="checkbox"/> Alert        | <input type="checkbox"/> Active            |
| <input type="checkbox"/> Guilty     | <input type="checkbox"/> Ashamed      | <input type="checkbox"/> Afraid            |
| <input type="checkbox"/> Scared     | <input type="checkbox"/> Inspired     | <input type="checkbox"/> None of the above |

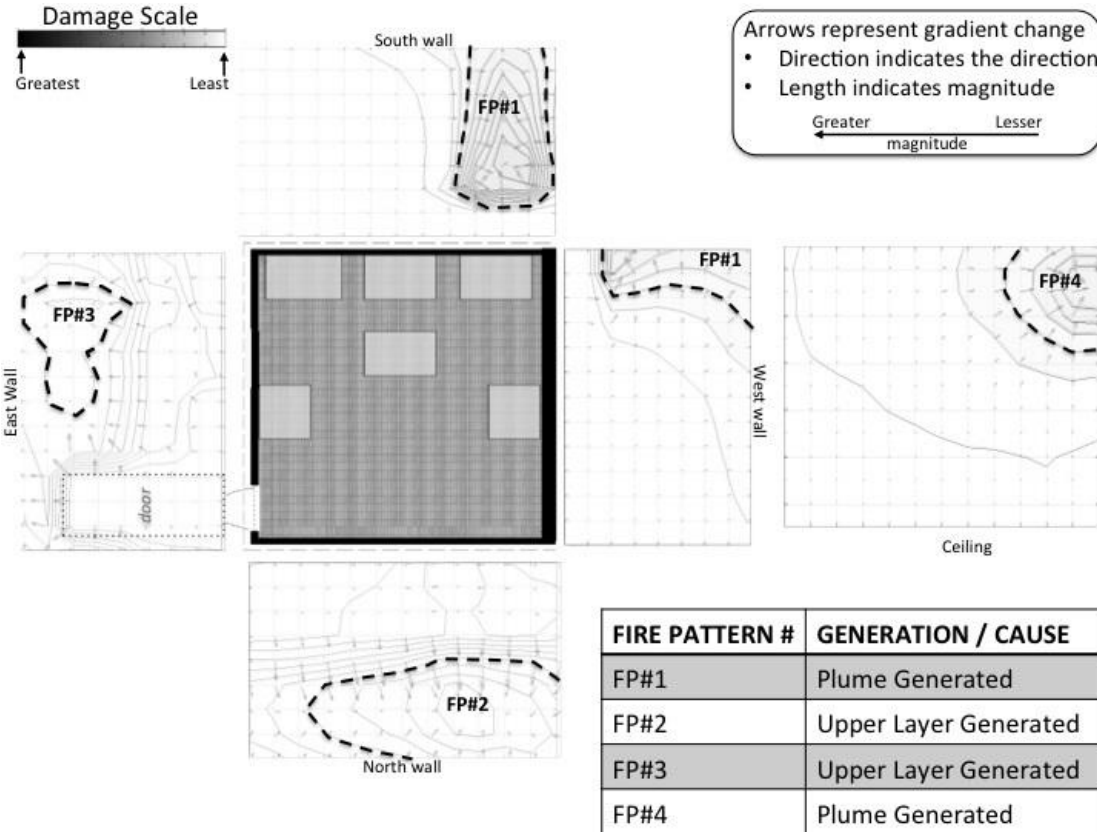
### Block 16

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns

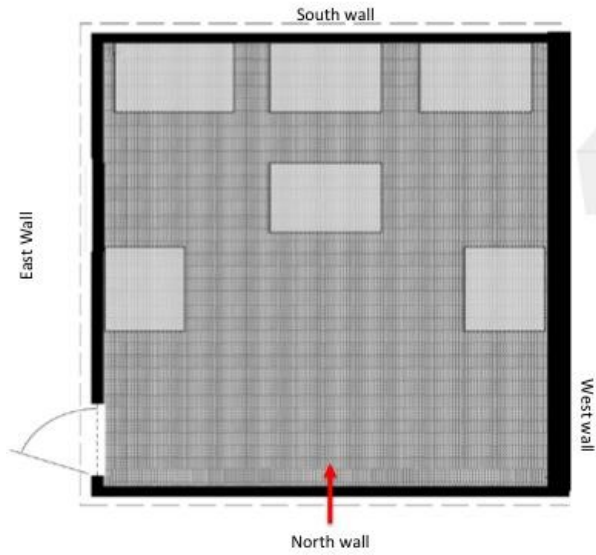
identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside



**CONTOUR PLOTS OF DAMAGE - CONTENTS**

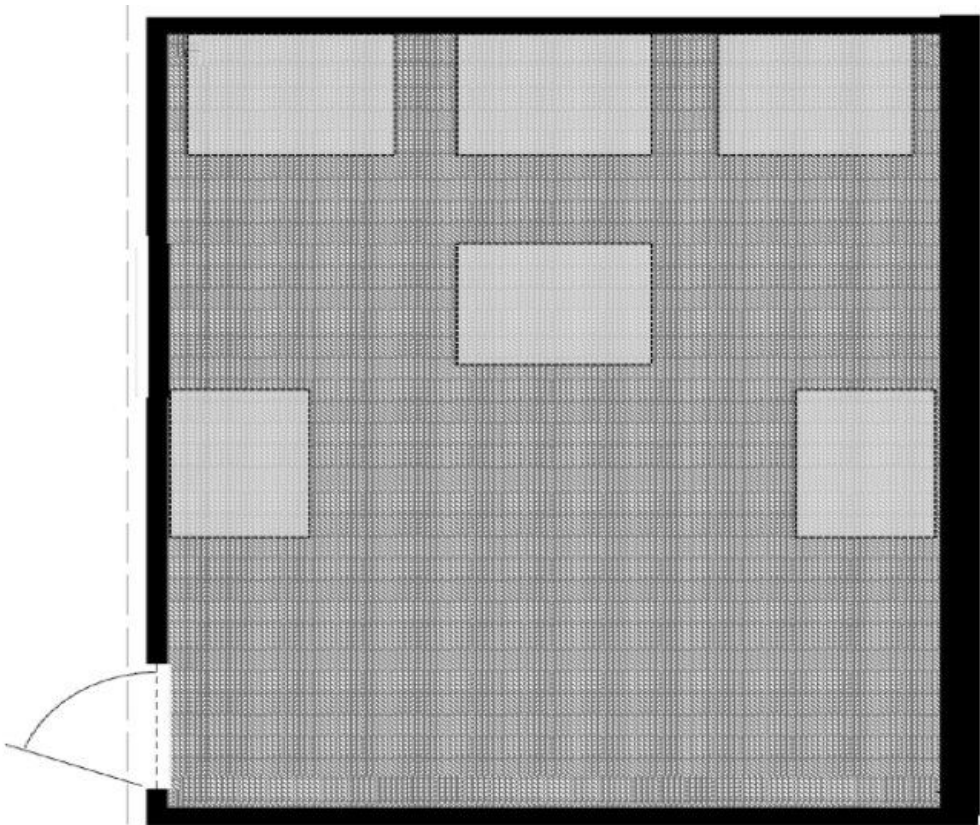
Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



Arrow indicates the direction of view of the contents.

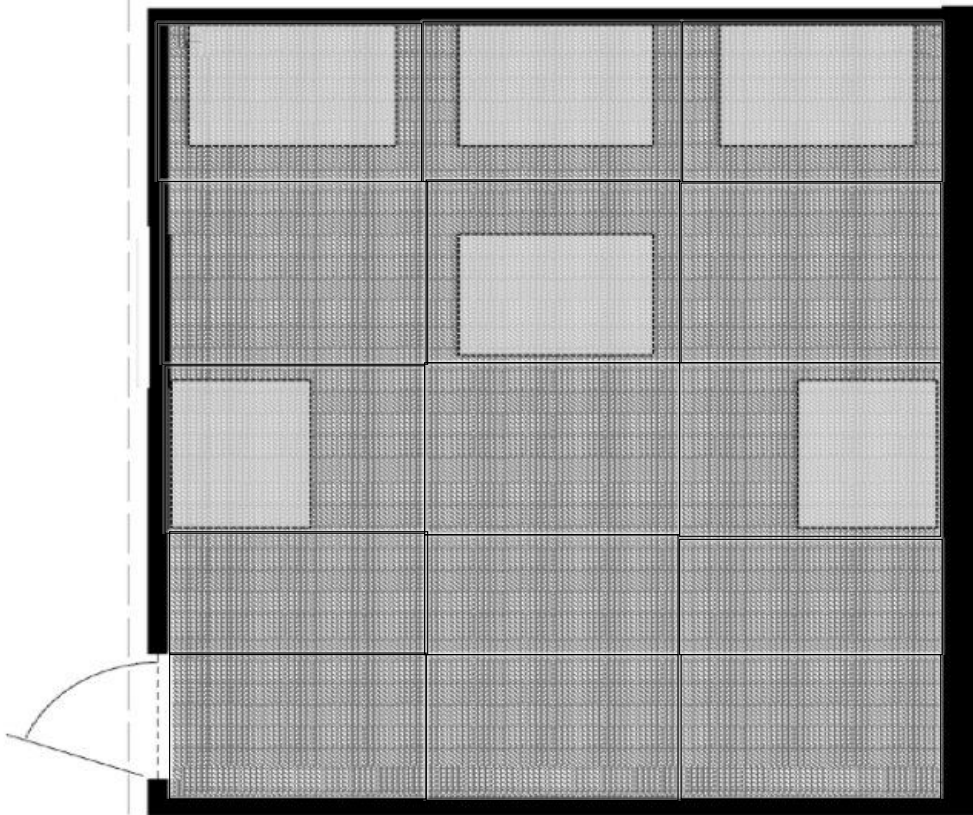
**Center of the Area of Origin Determination**

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### AREA OF ORIGIN DETERMINATION

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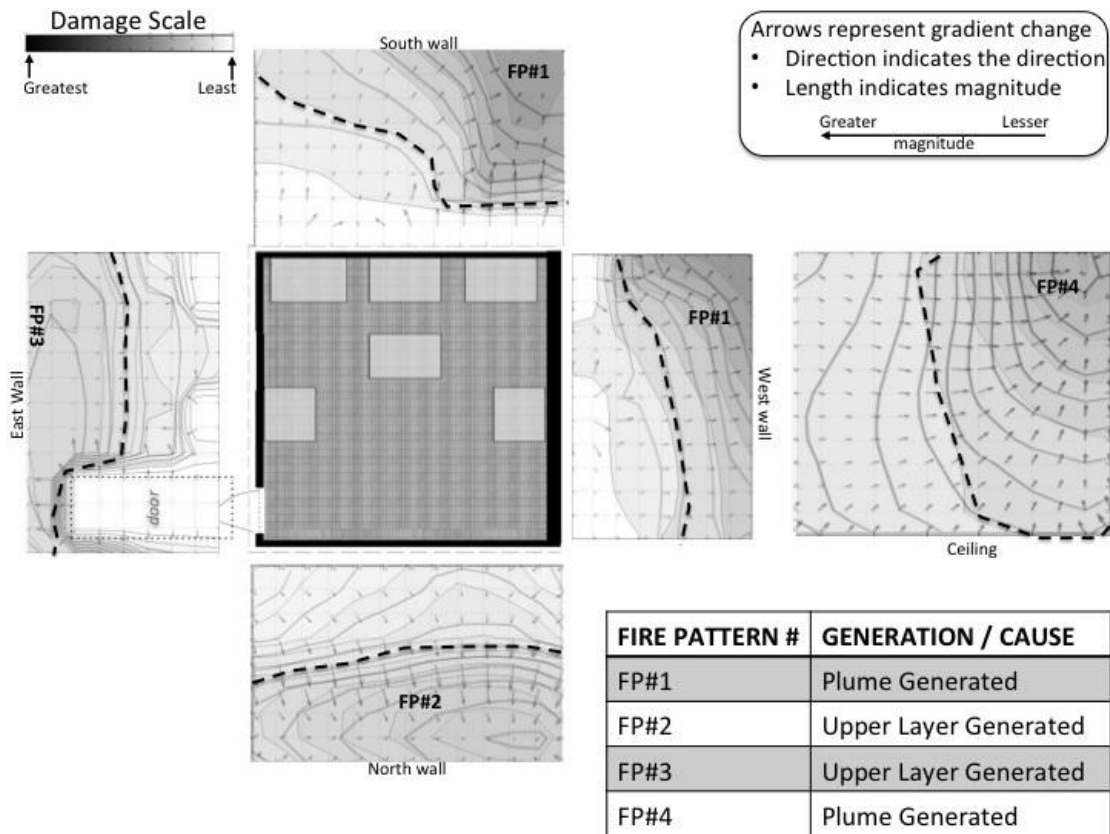
FP3, 4000, 120

### Block 15

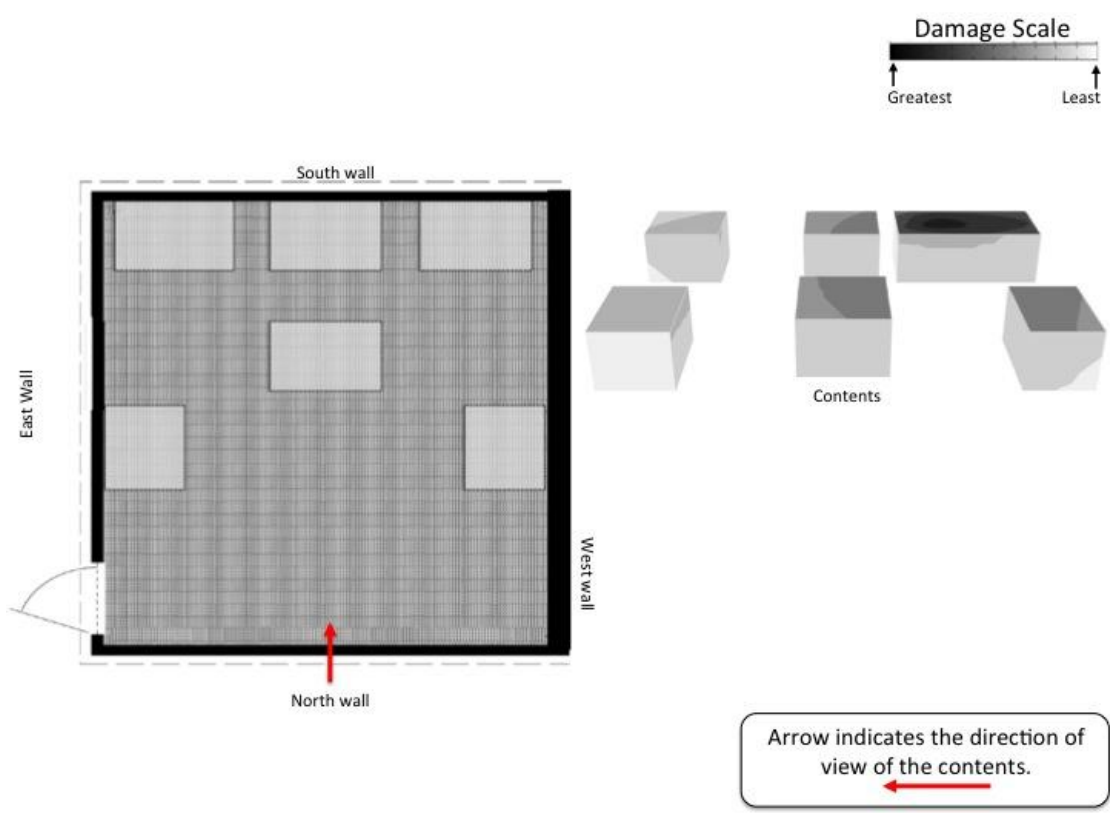
#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside

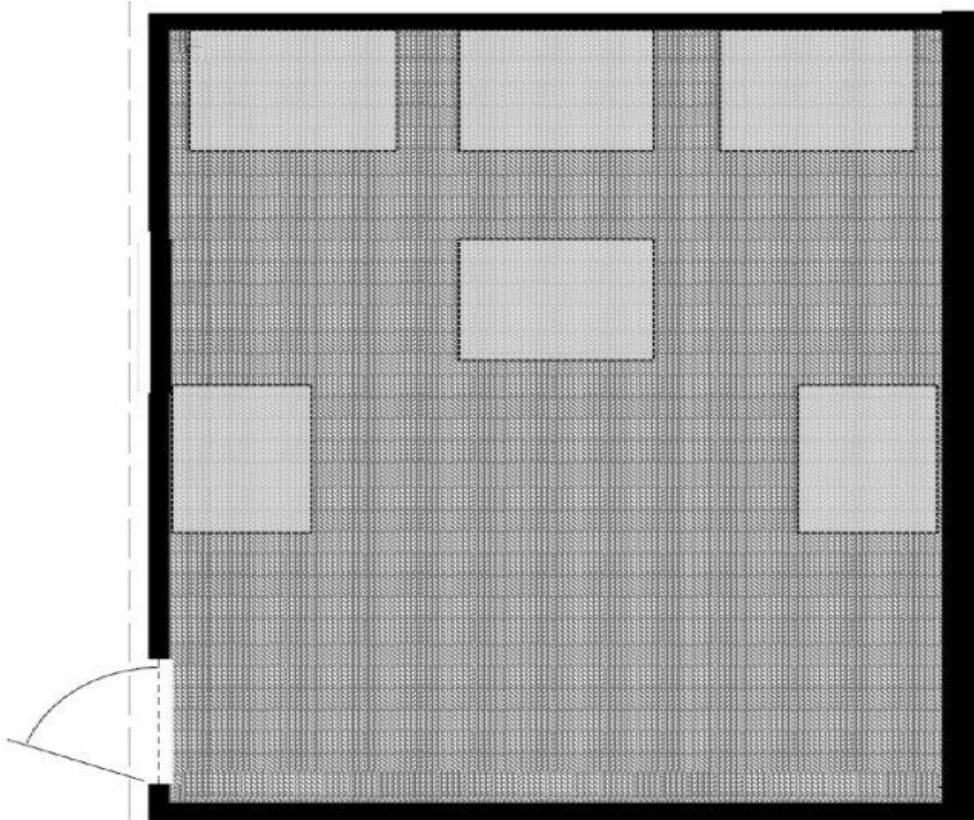


**CONTOUR PLOTS OF DAMAGE - CONTENTS**  
 Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



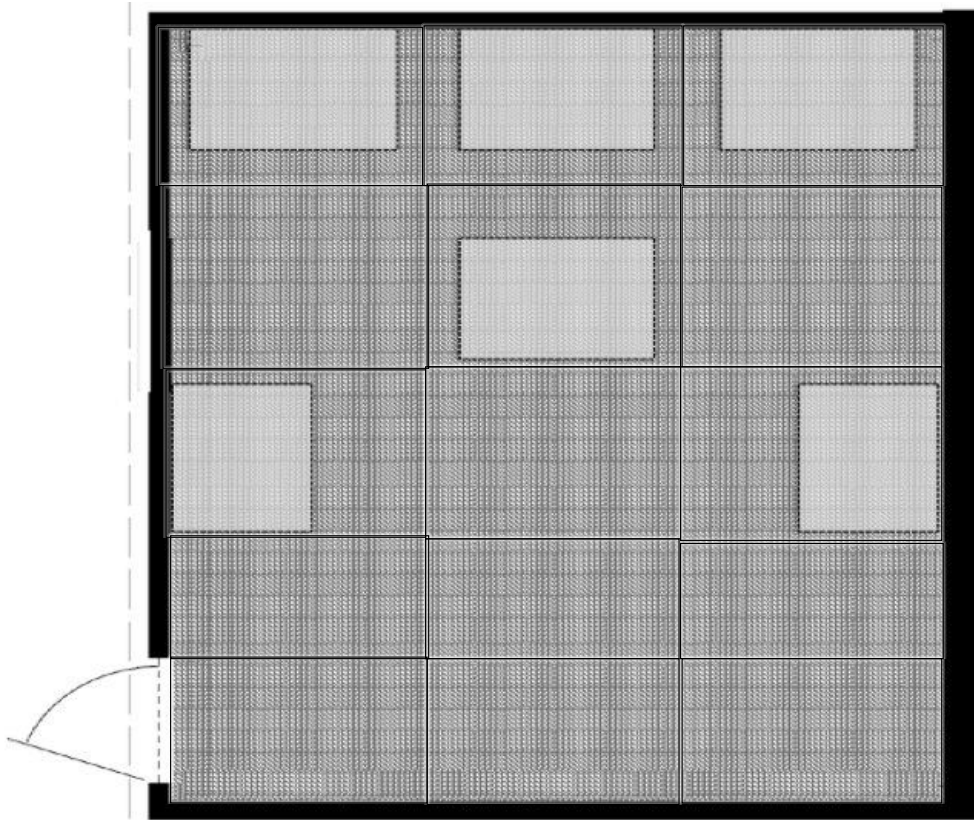
**Center of the Area of Origin Determination**

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**AREA OF ORIGIN DETERMINATION**

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FP3, 1500, 900

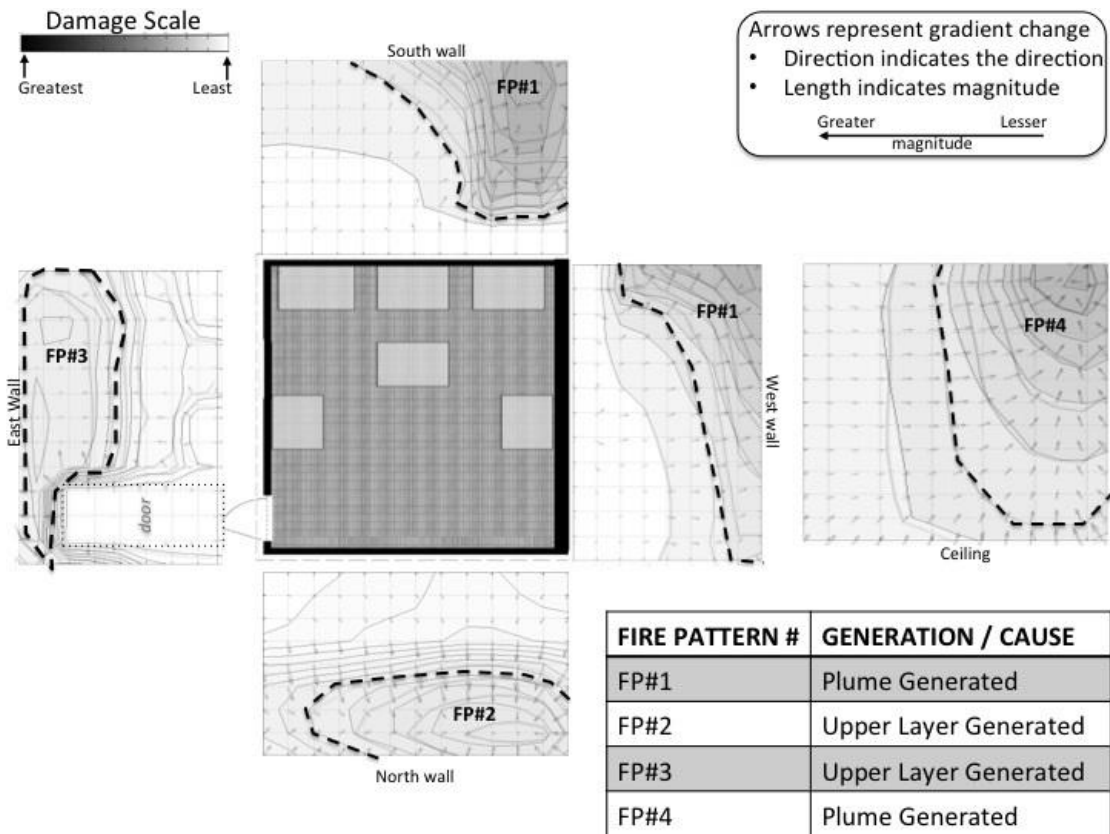
#### Block 14

##### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

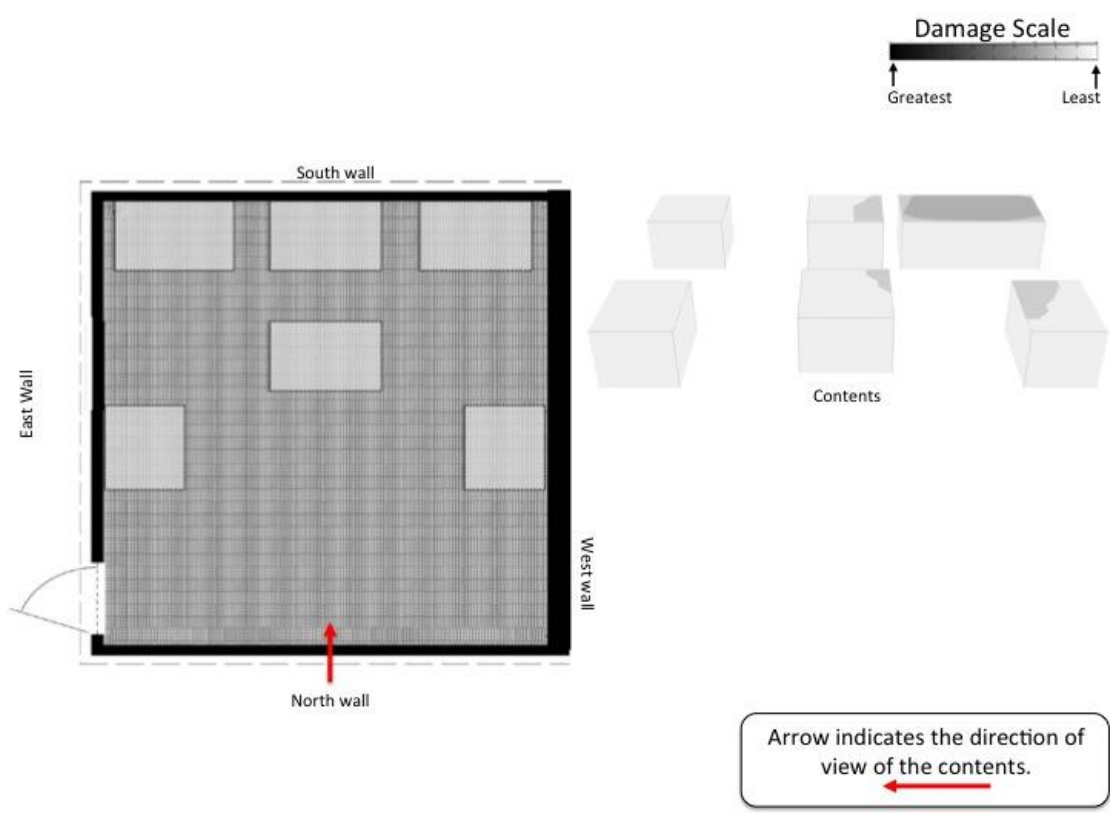
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.





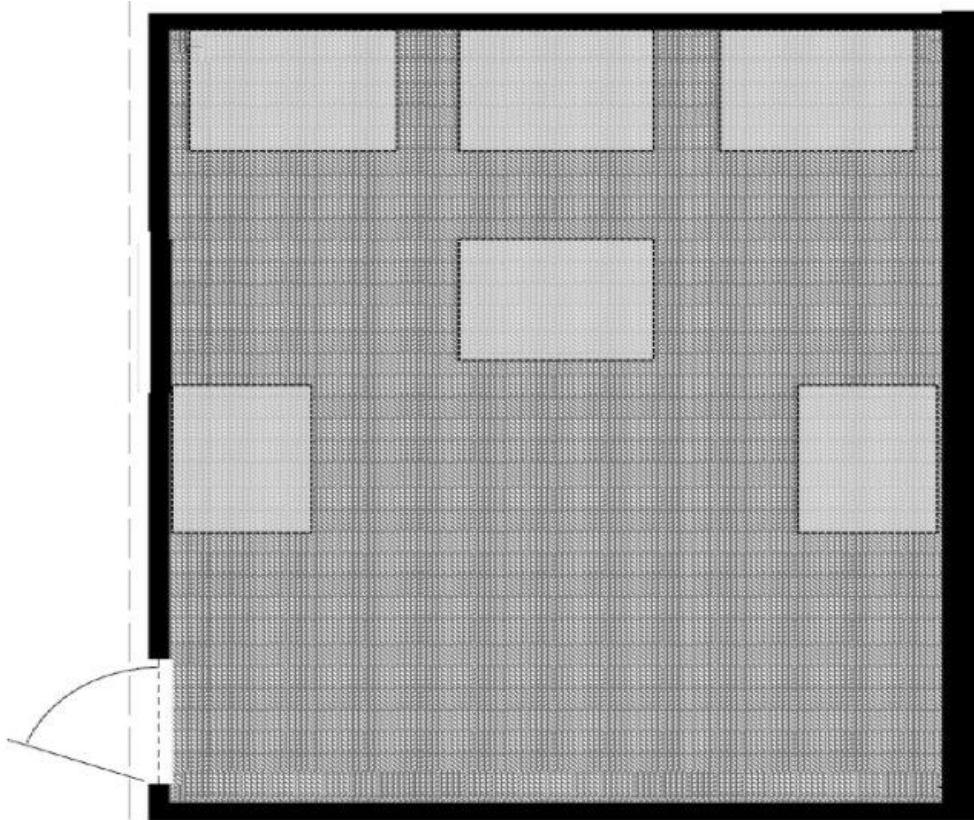
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



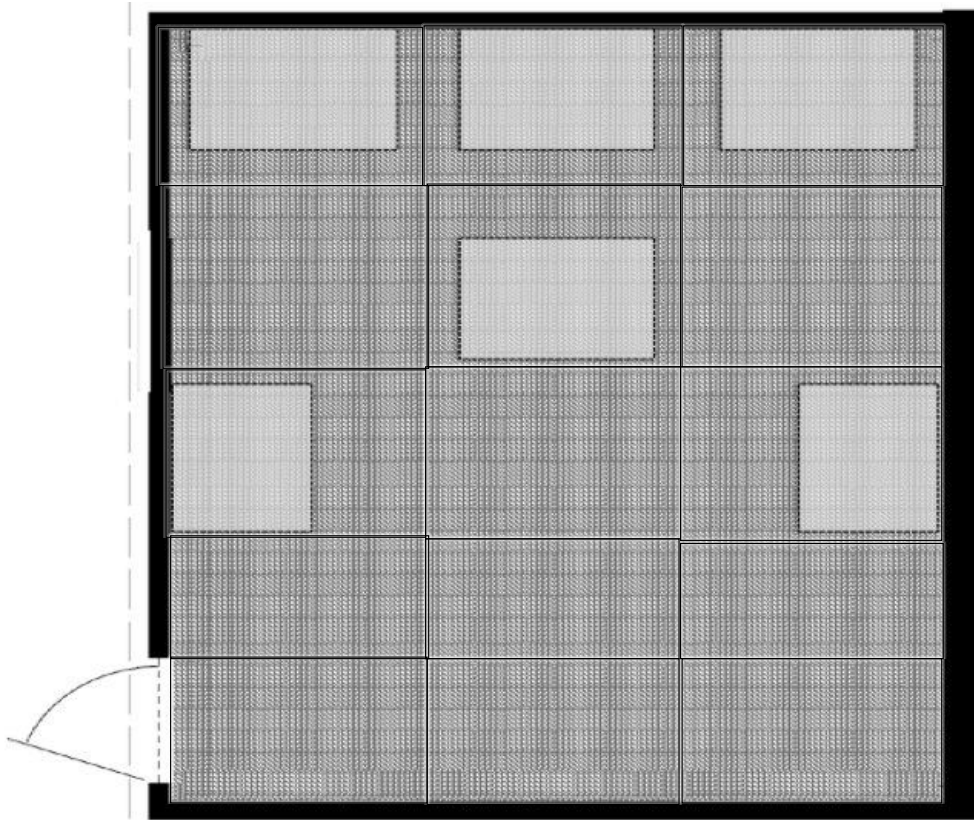
**Center of the Area of Origin Determination**

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**AREA OF ORIGIN DETERMINATION**

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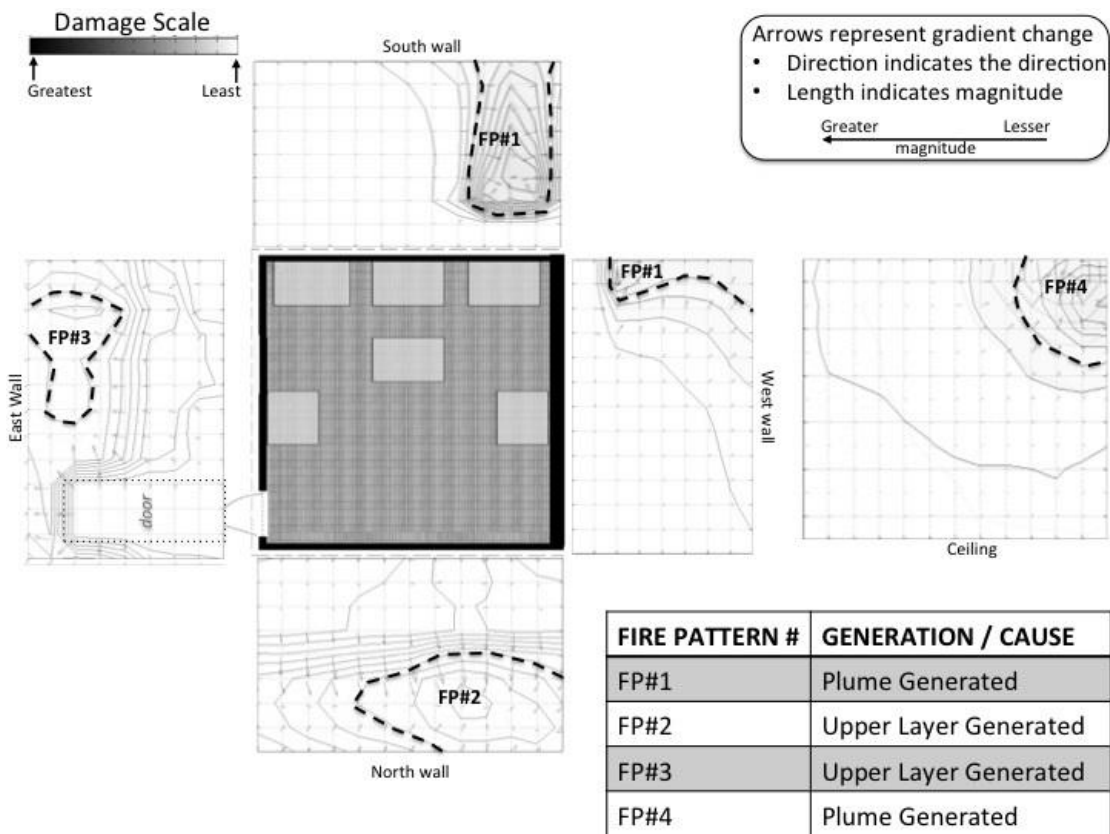
FP3, 1500, 360

### Block 13

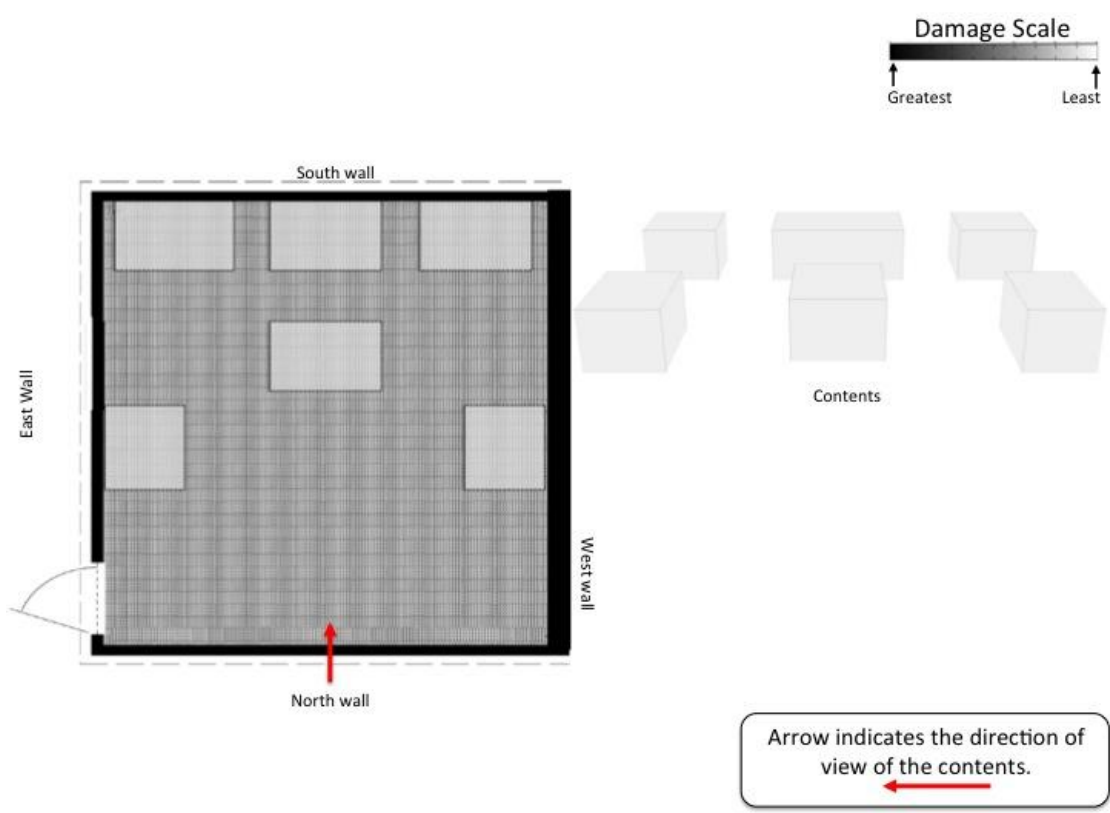
#### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

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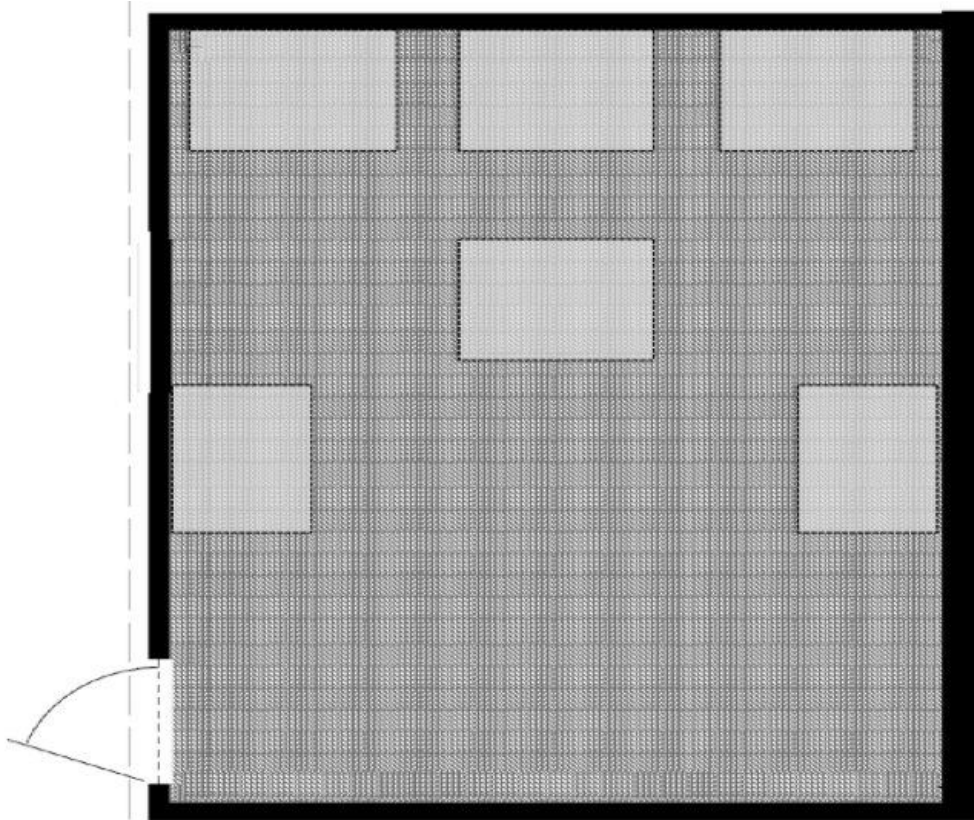


**CONTOUR PLOTS OF DAMAGE - CONTENTS**  
 Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



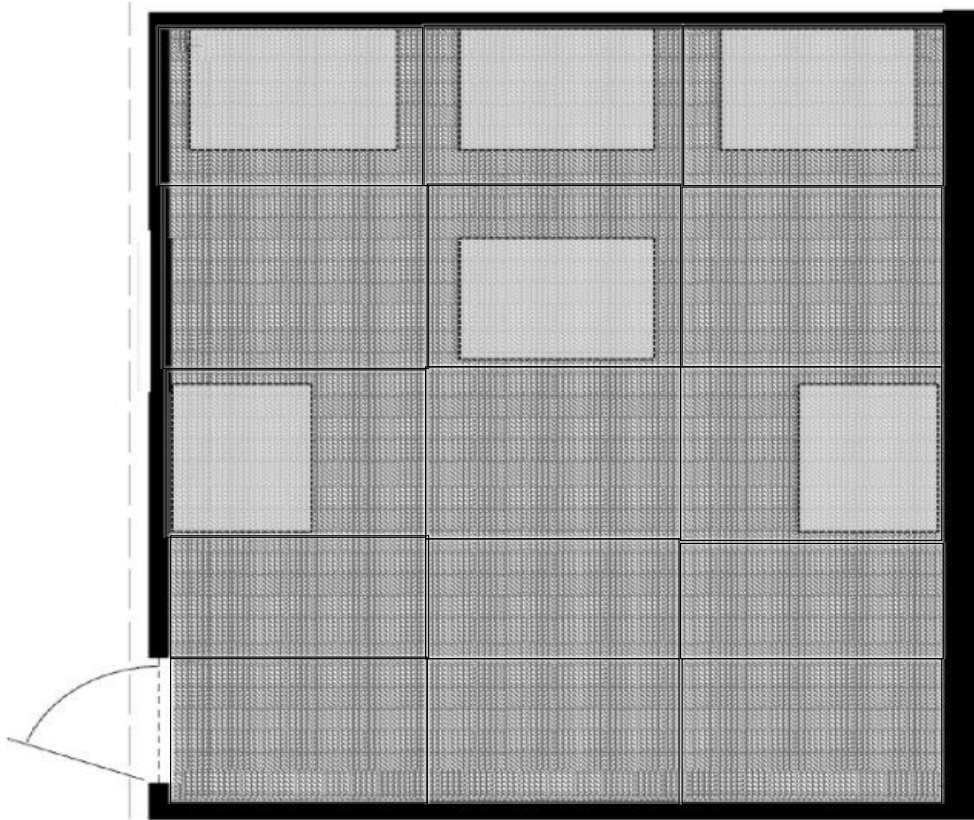
**Center of the Area of Origin Determination**

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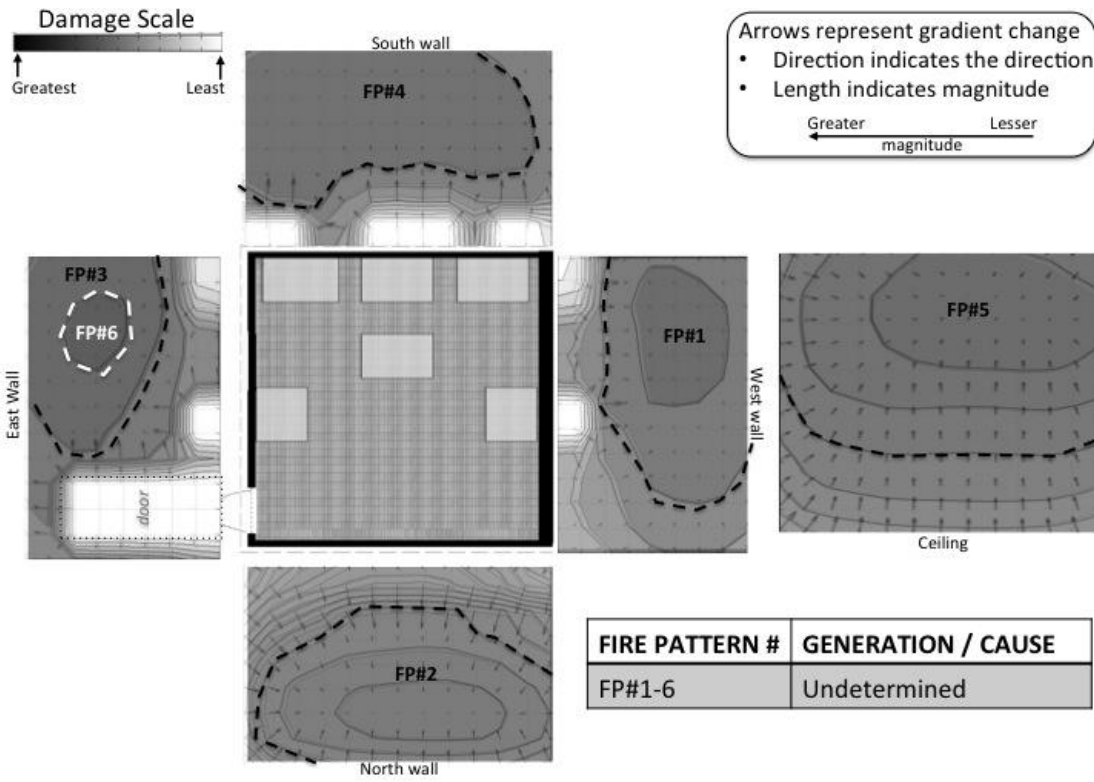
FP3, 1500, 120

## Block 12

### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

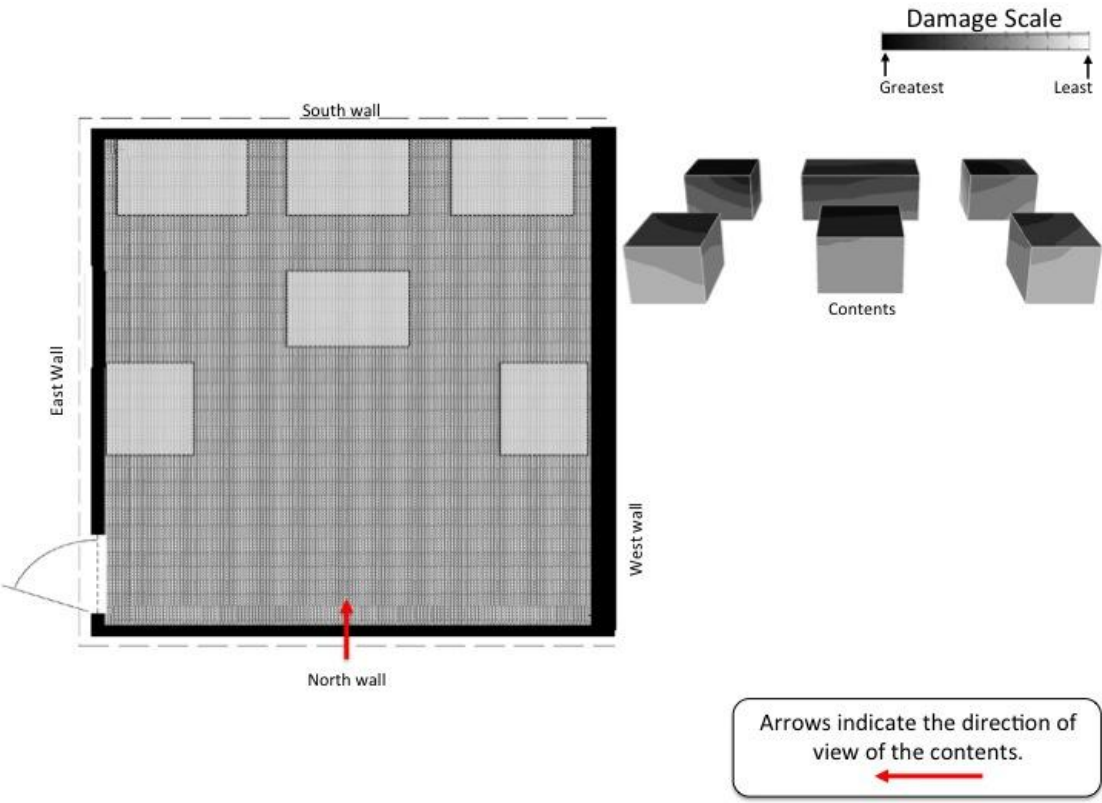
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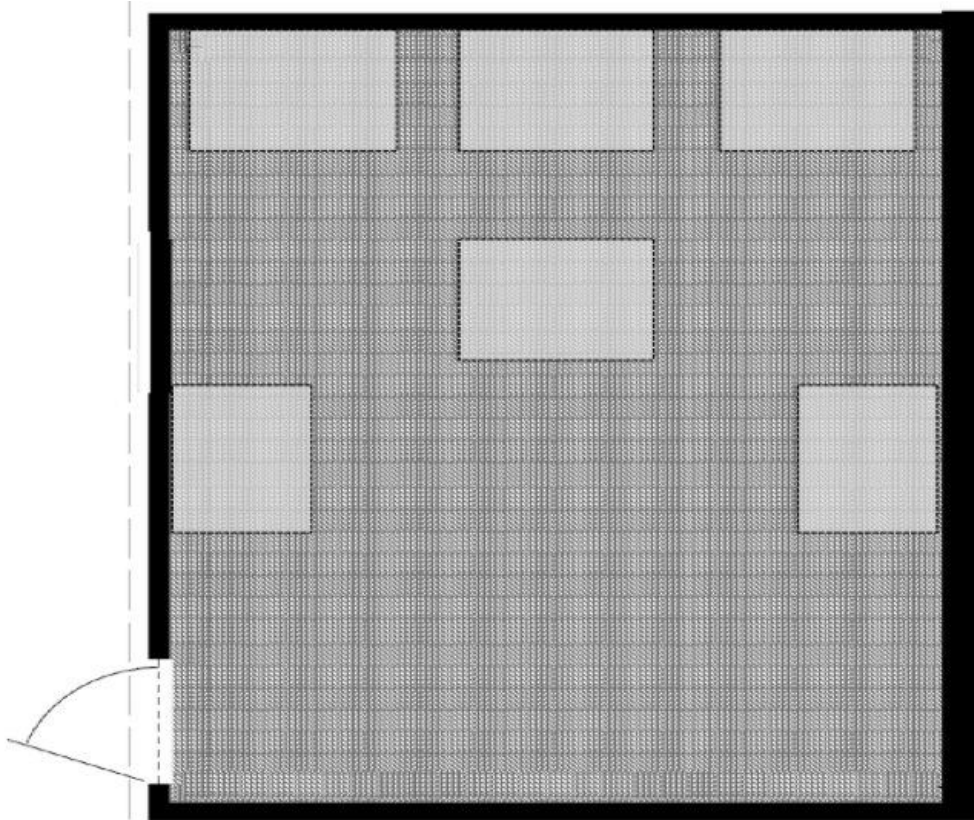
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



**Center of the Area of Origin Determination**

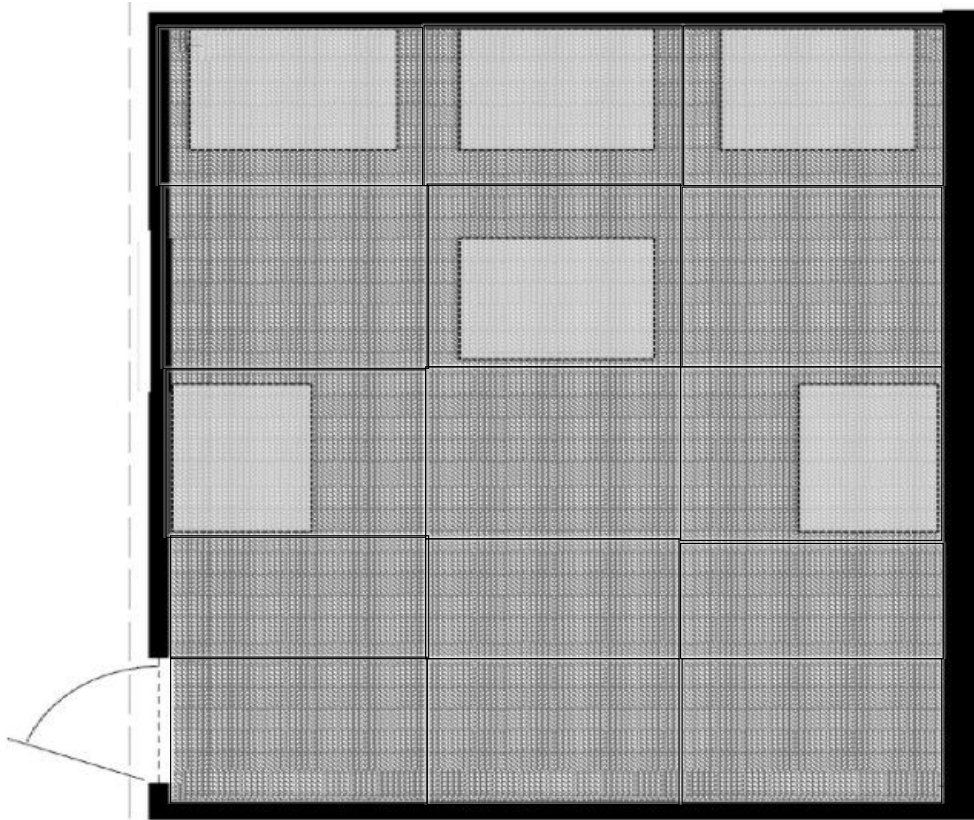
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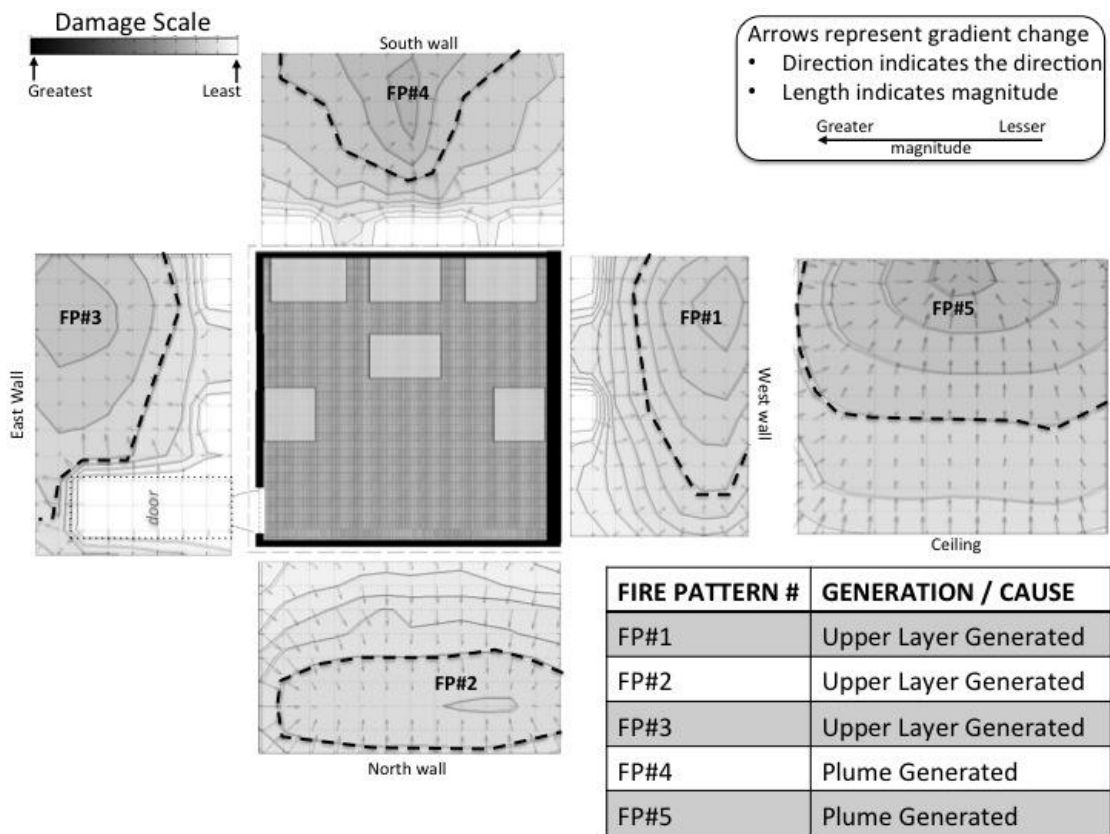
FP2, 4000, 900

### Block 11

#### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

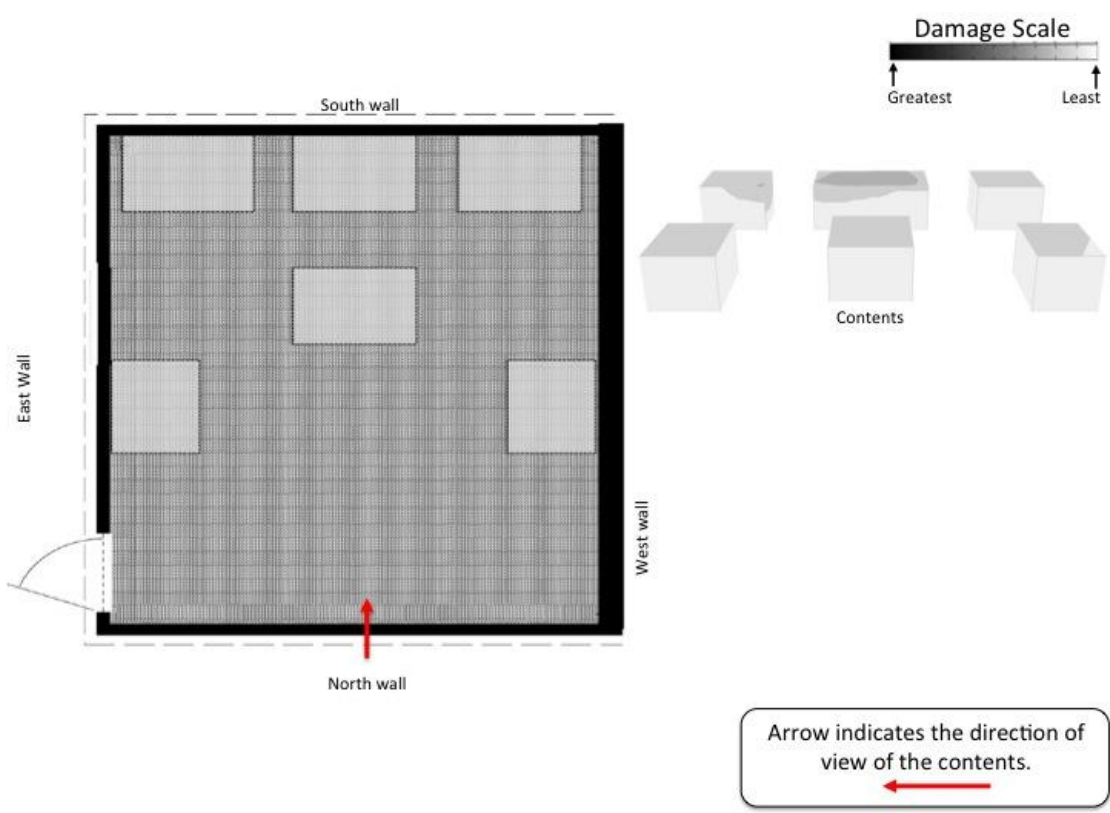
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

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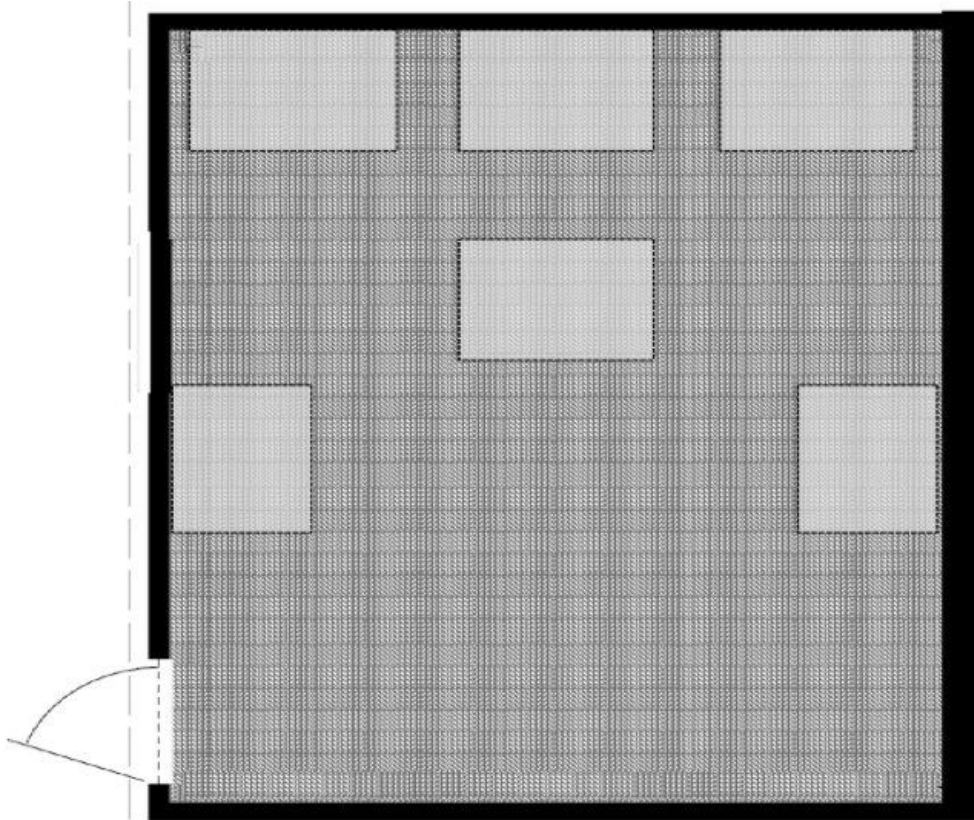
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



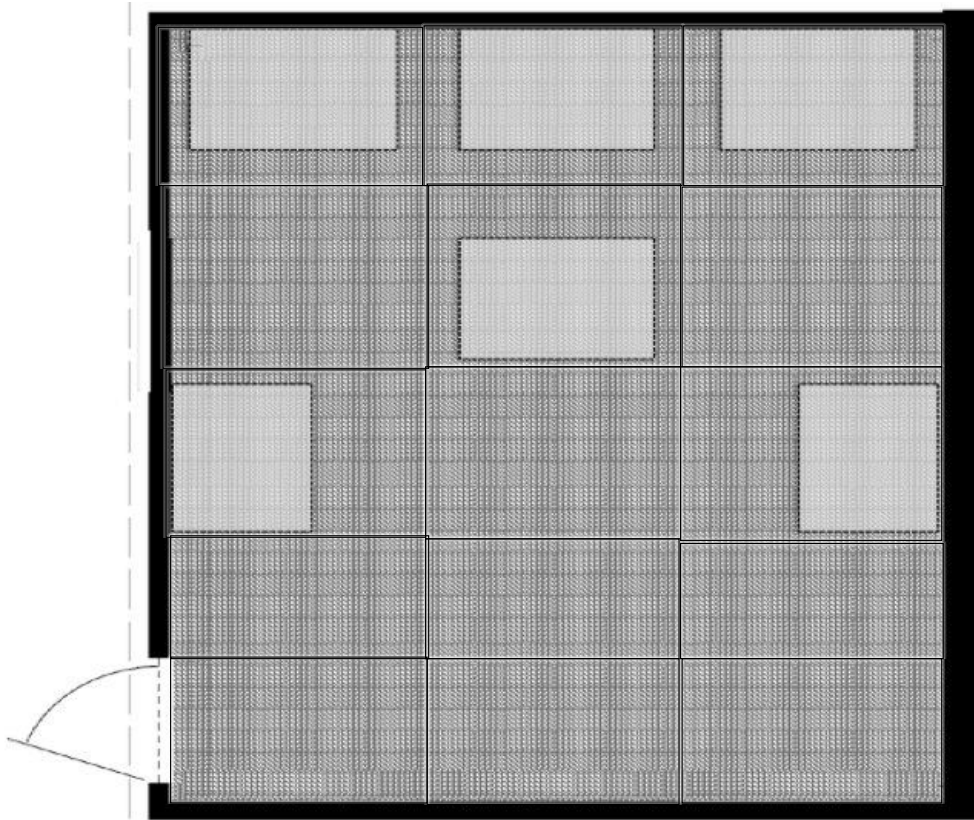
**Center of the Area of Origin Determination**

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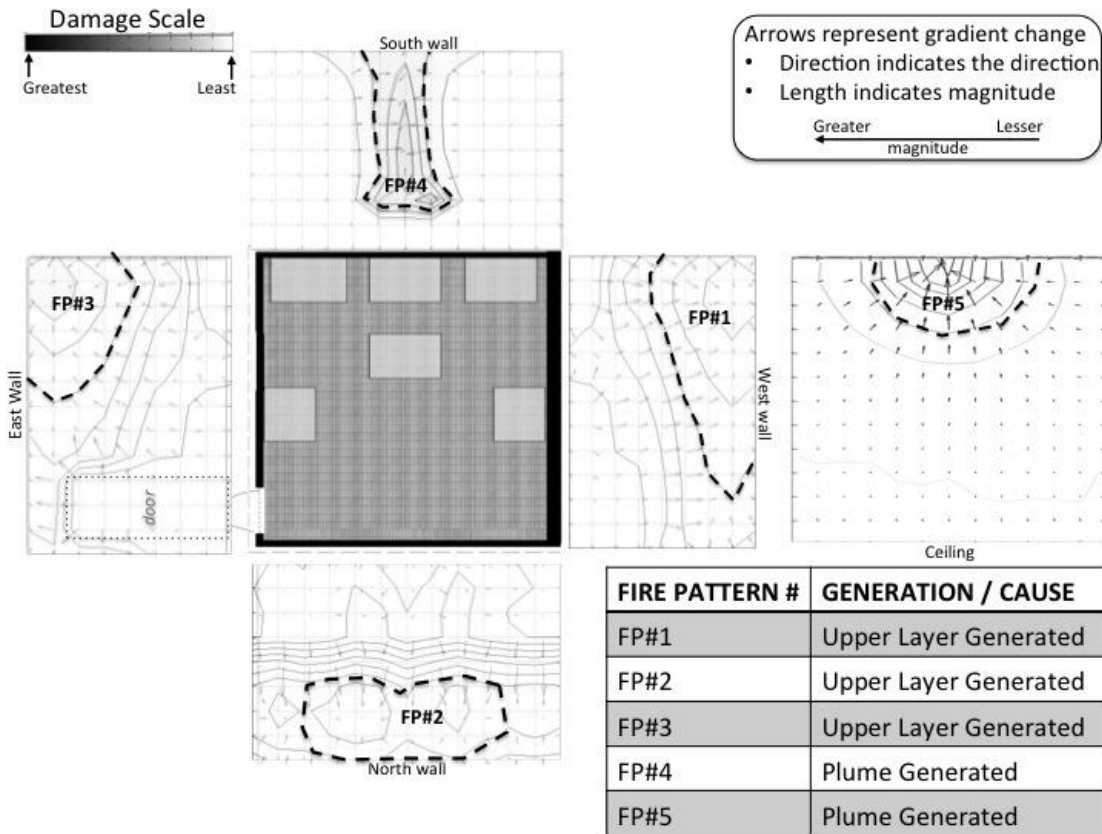
FP2, 4000, 360

## Block 10

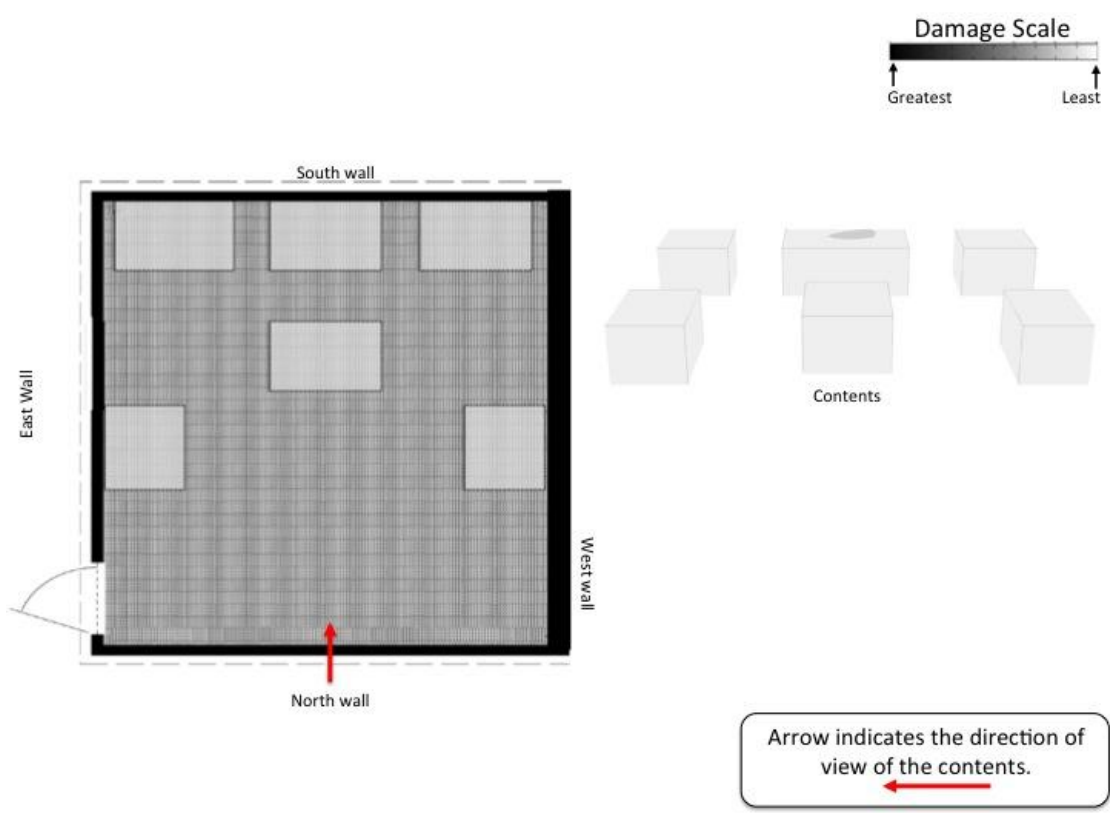
### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

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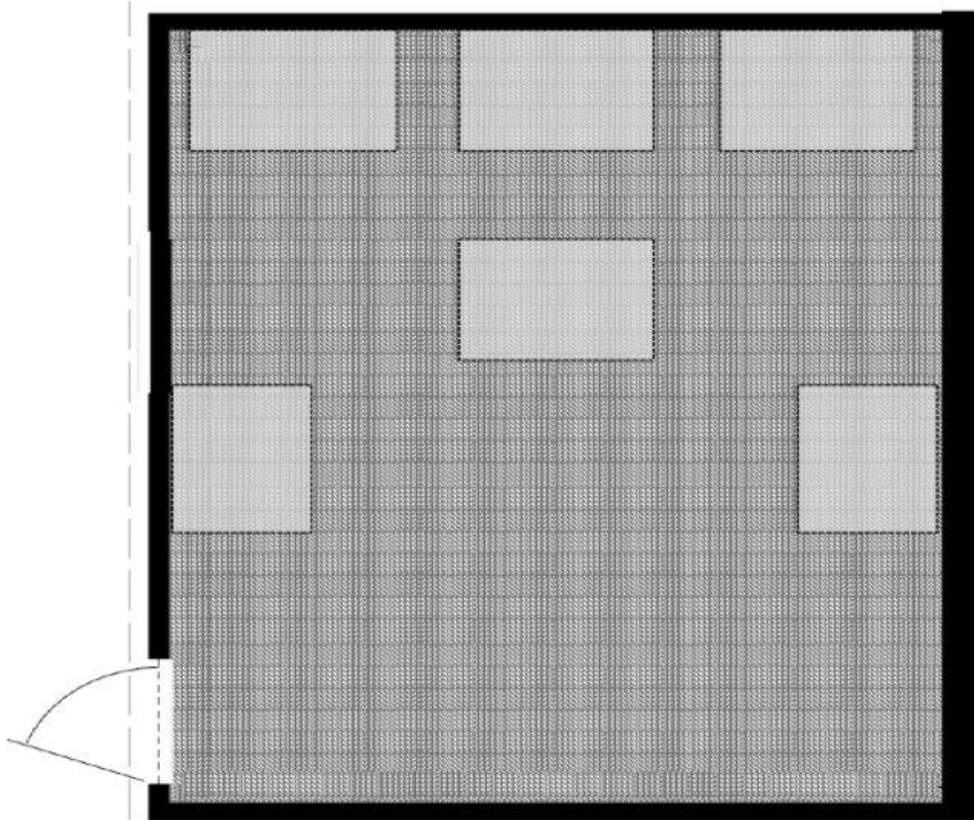


**CONTOUR PLOTS OF DAMAGE - CONTENTS**  
 Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



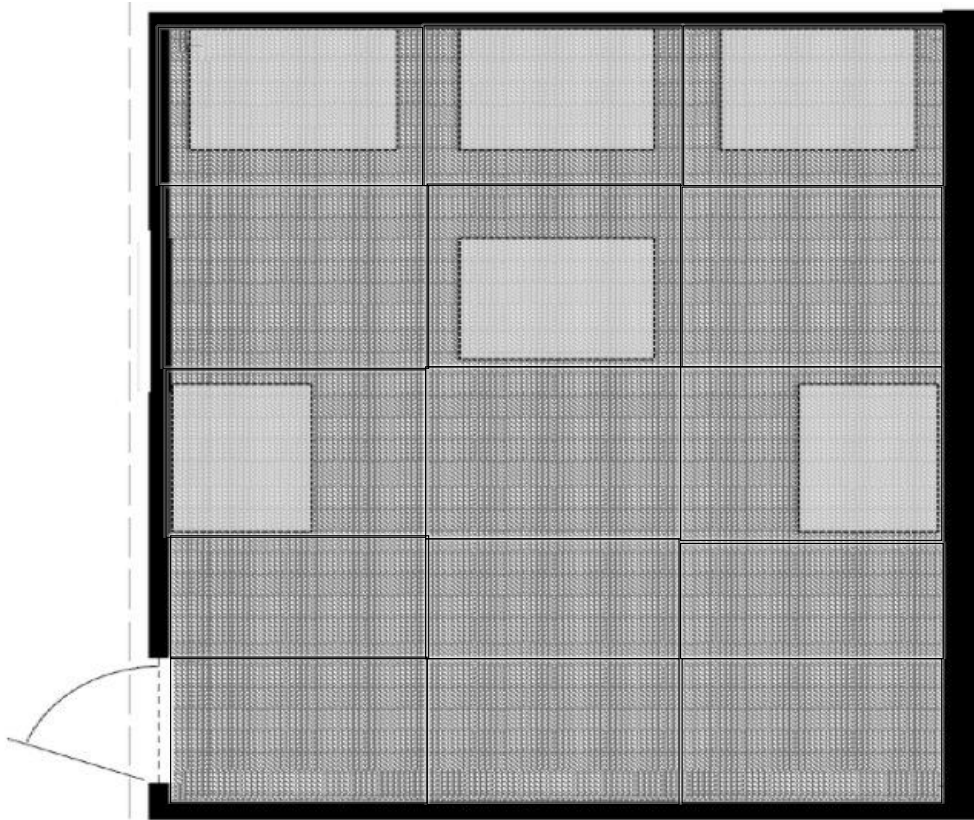
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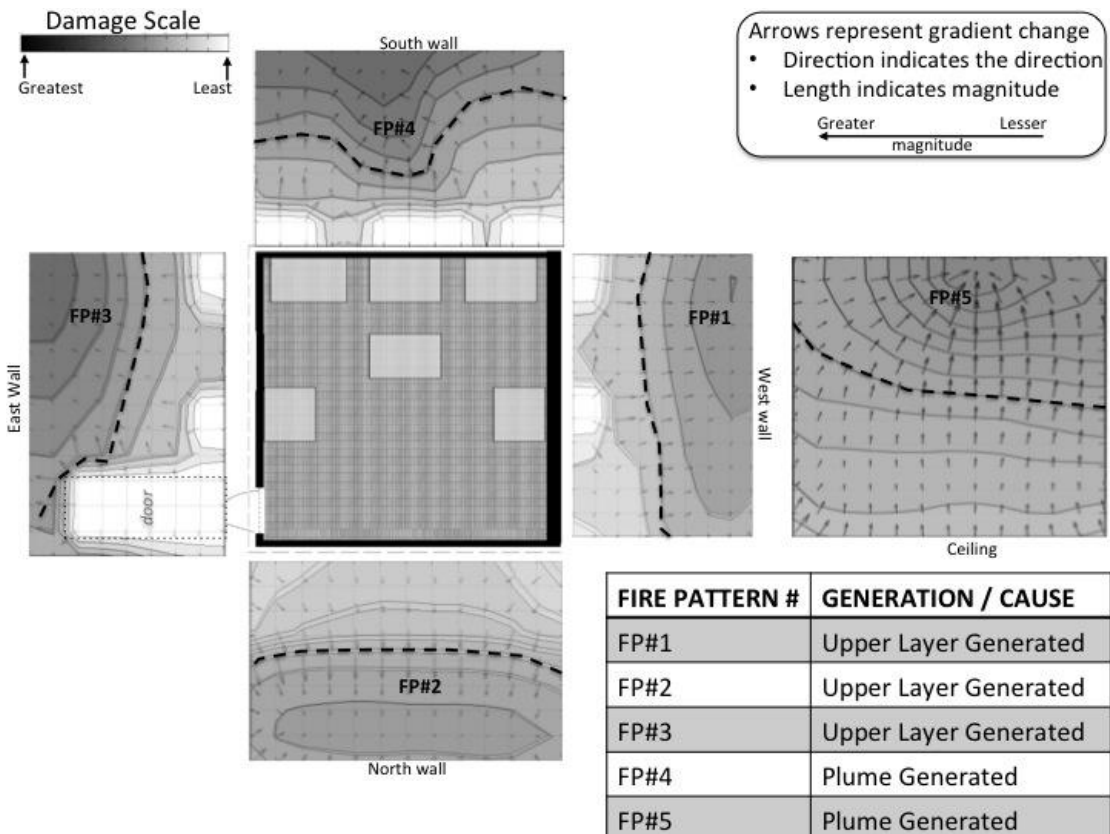
FP2, 4000, 120

### Block 9

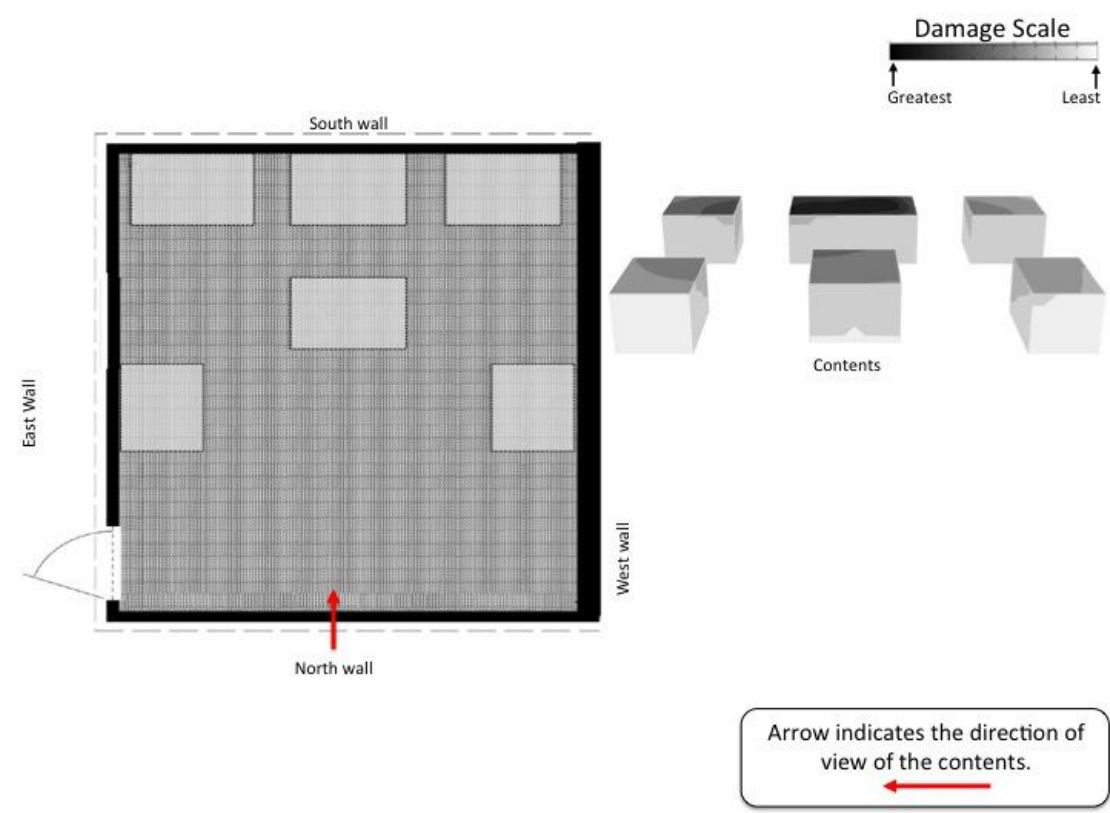
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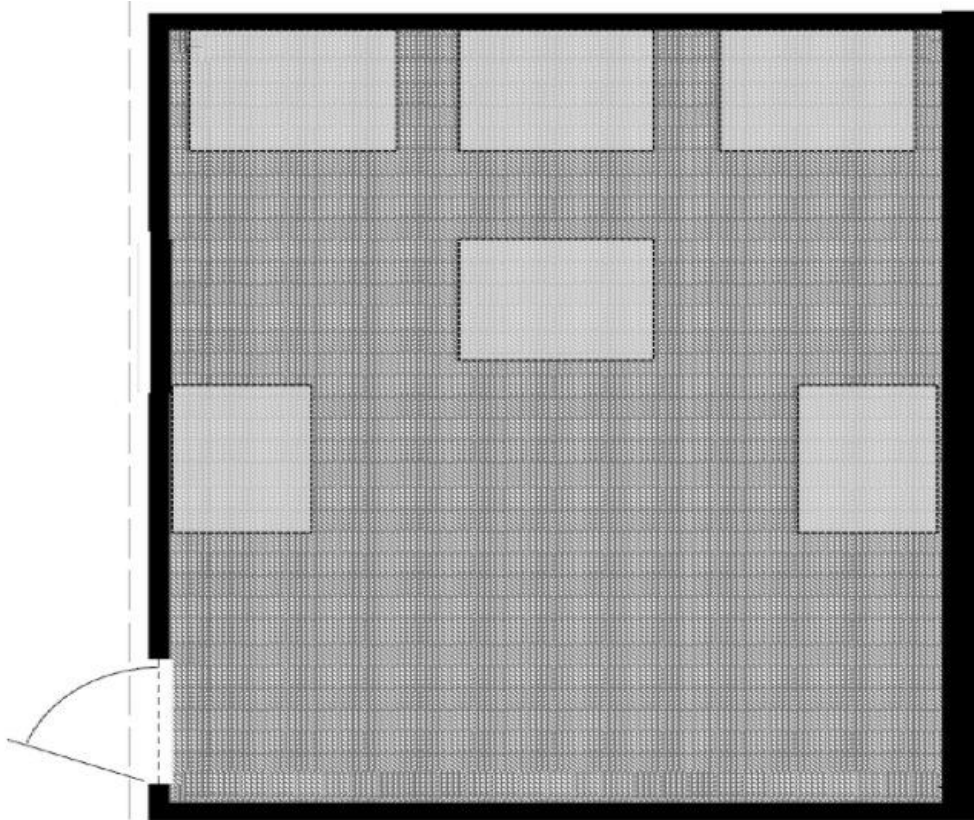
**CONTOUR PLOTS OF DAMAGE - CONTENTS**  
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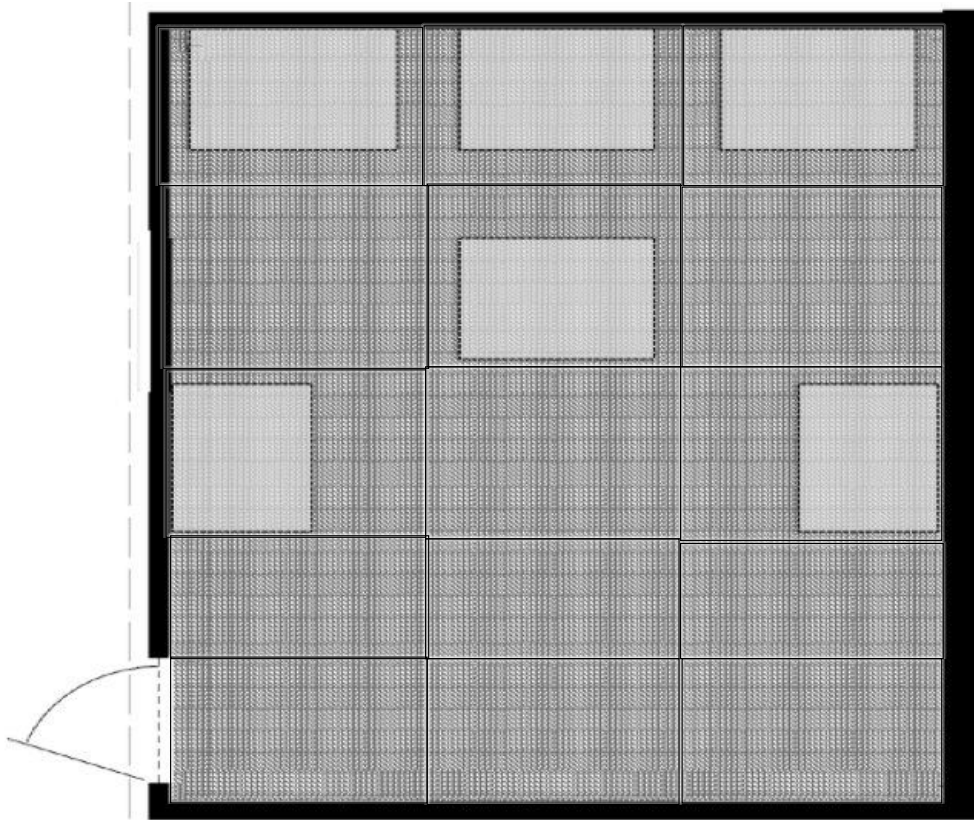
### Center of the Area of Origin Determination

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



### AREA OF ORIGIN DETERMINATION

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. Please select (click) on the region(s) of the diagram that encompass the area of origin for this fire.



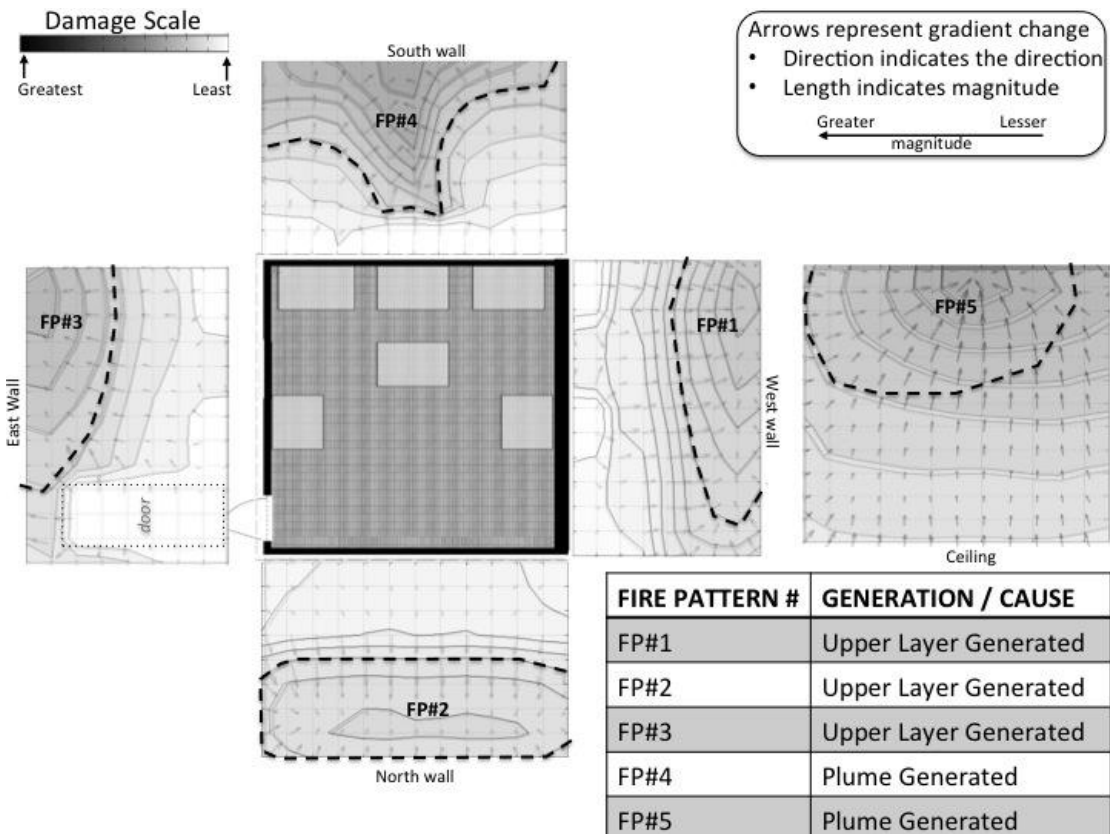
FP2, 1500, 900

### Block 8

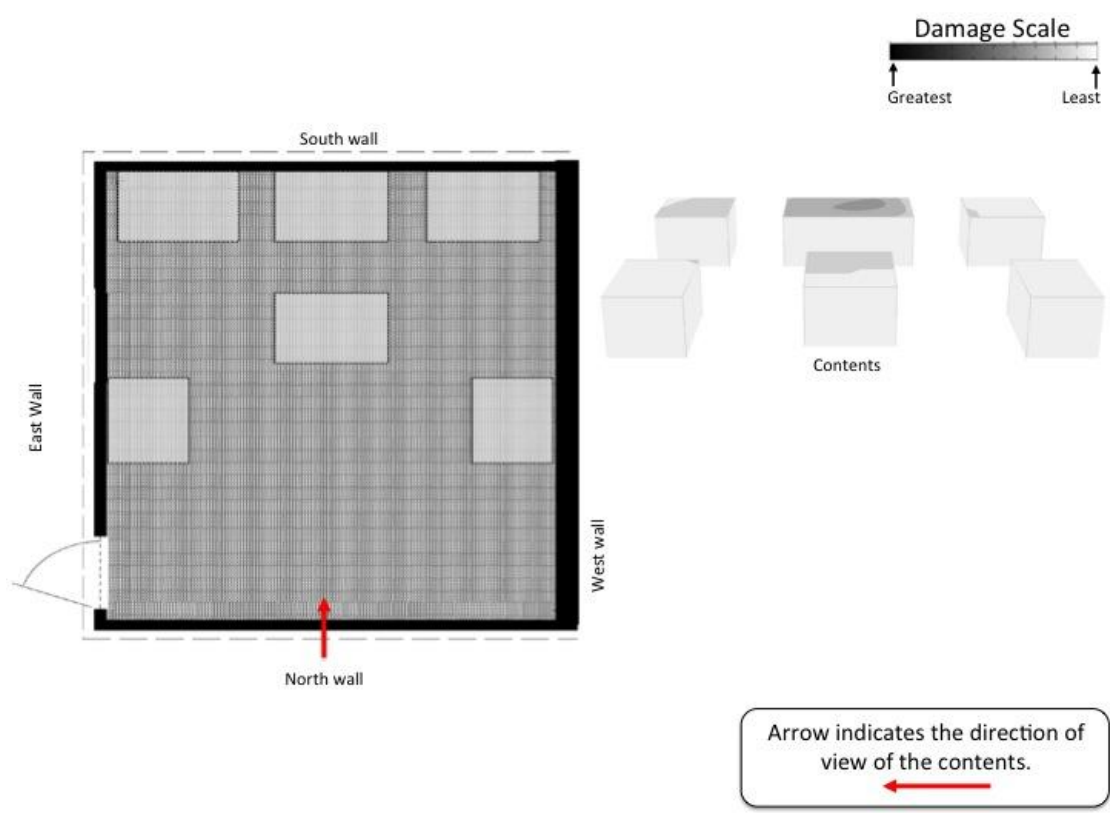
#### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.

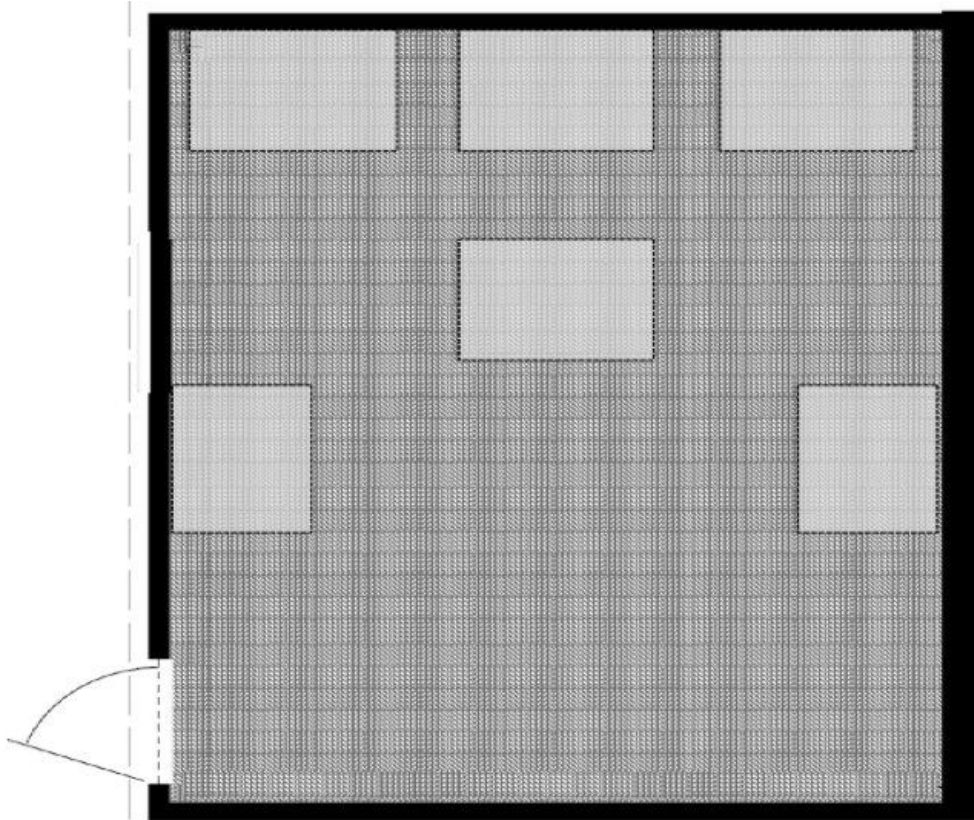


**CONTOUR PLOTS OF DAMAGE - CONTENTS**  
 Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



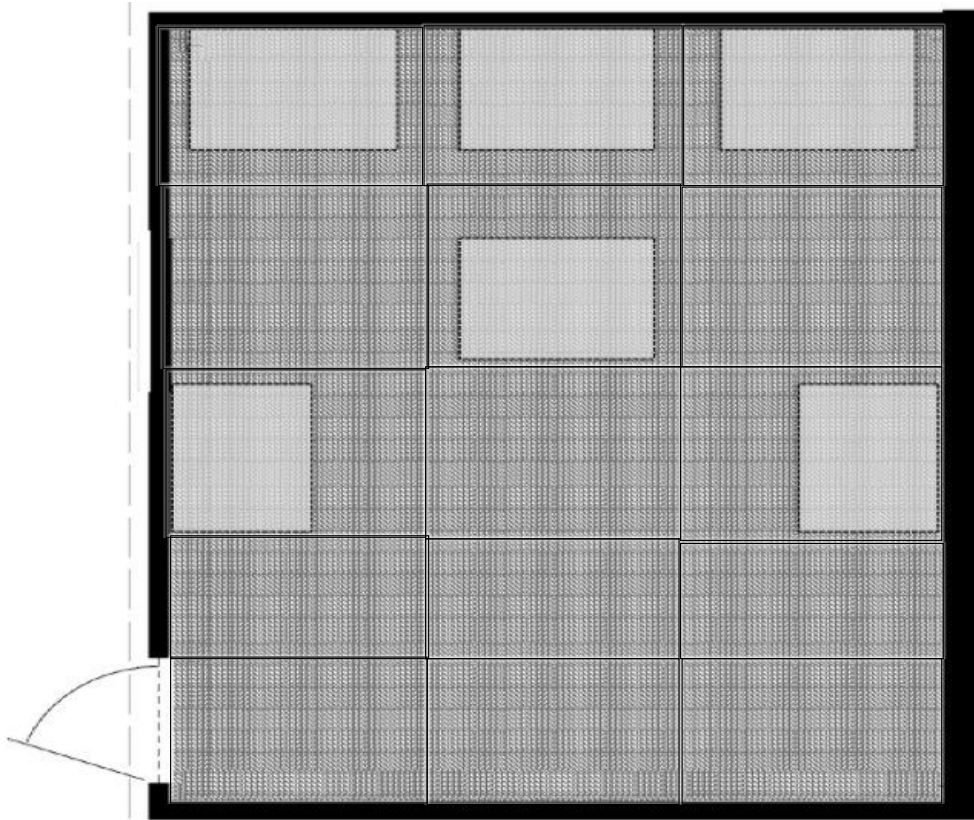
### Center of the Area of Origin Determination

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



### AREA OF ORIGIN DETERMINATION

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. Please select (click) on the region(s) of the diagram that encompass the area of origin for this fire.



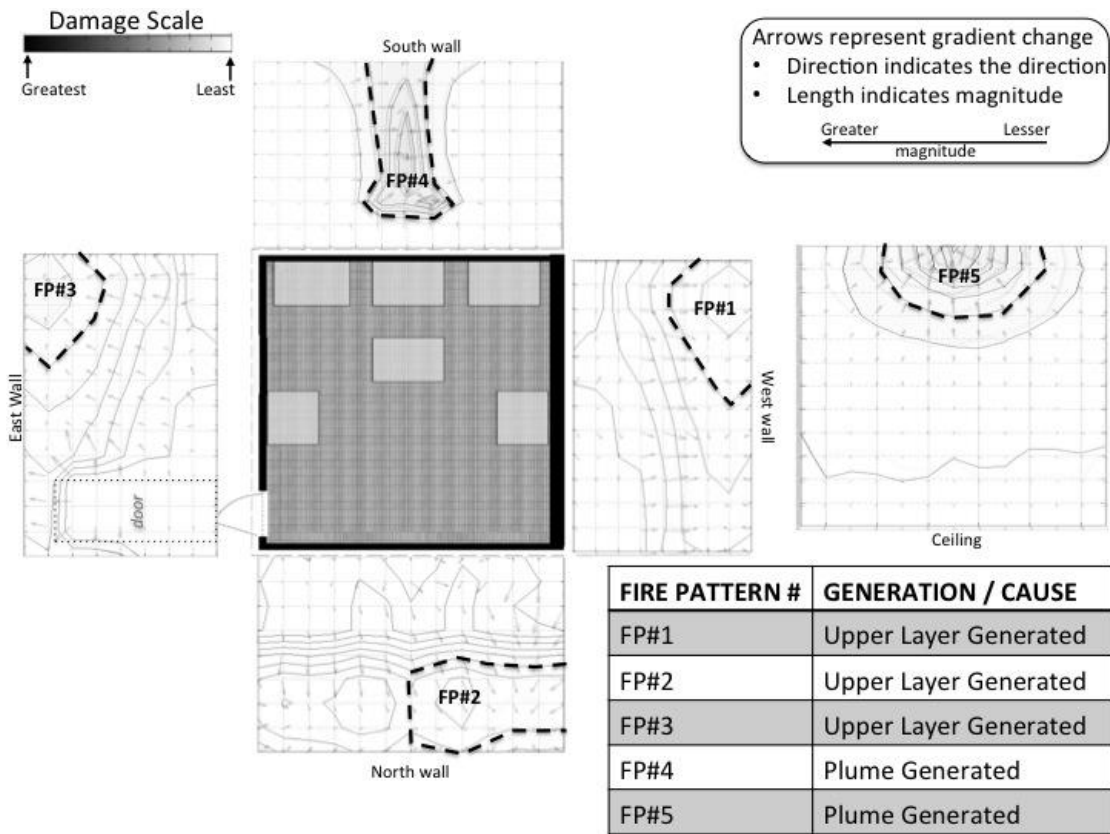
FP2, 1500, 360

### Block 7

#### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

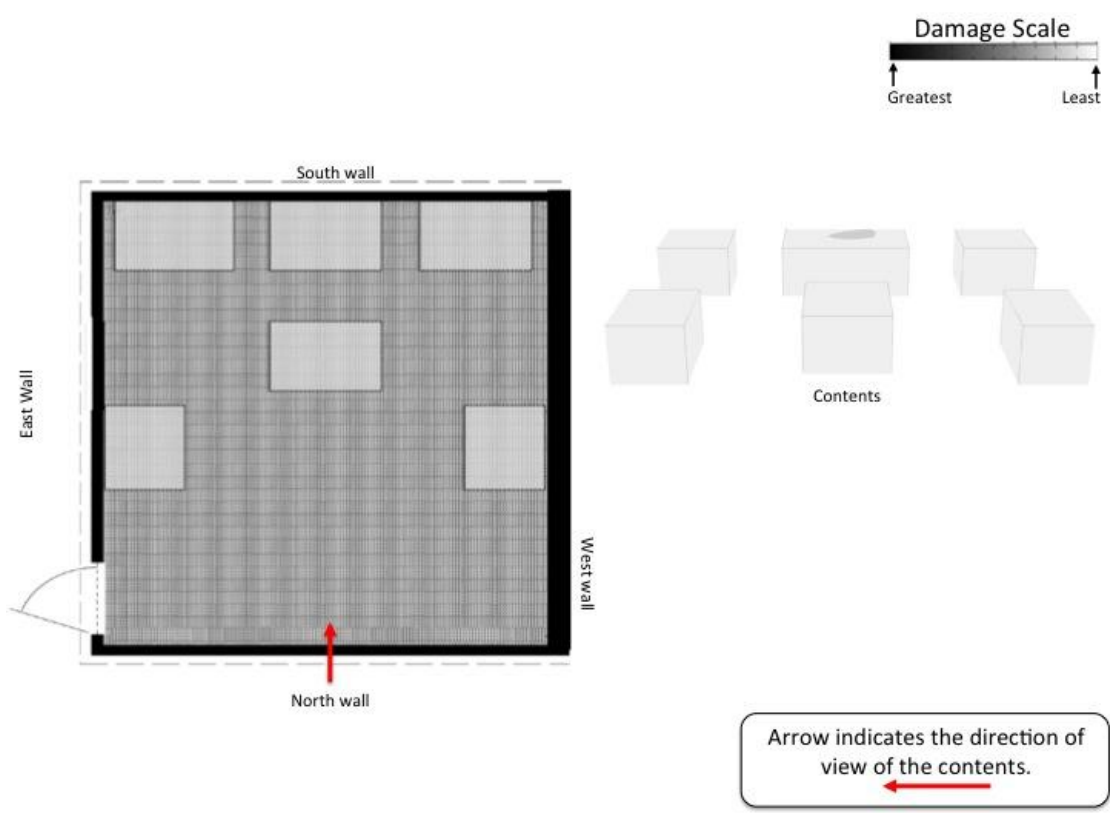
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



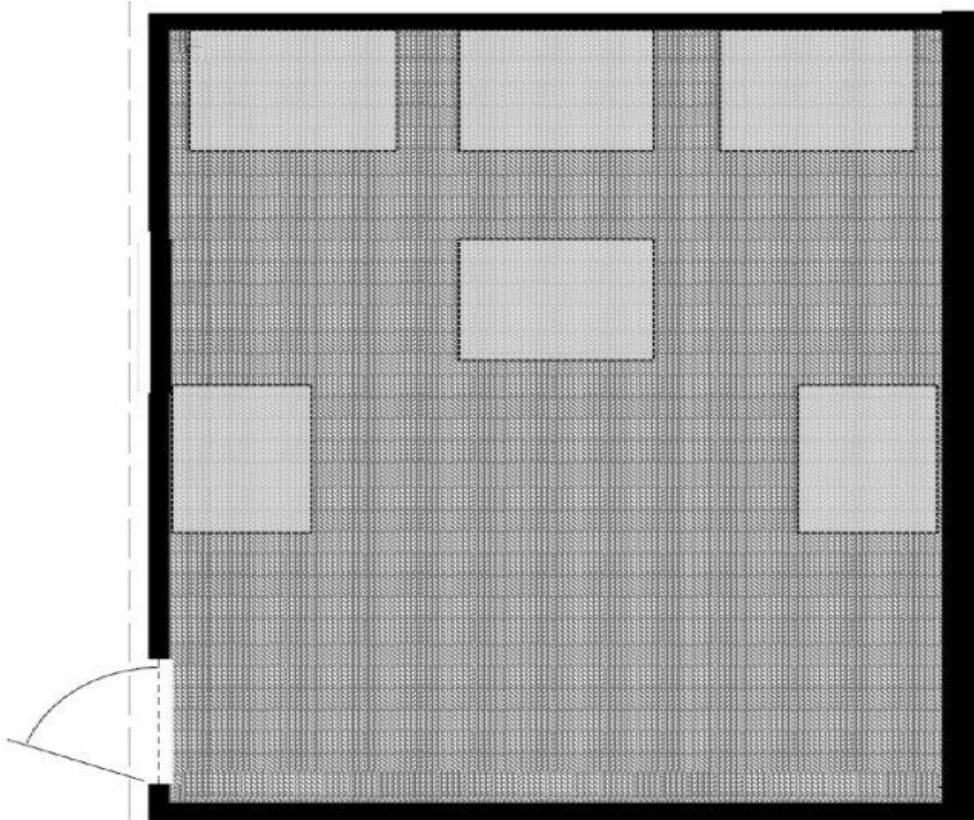
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



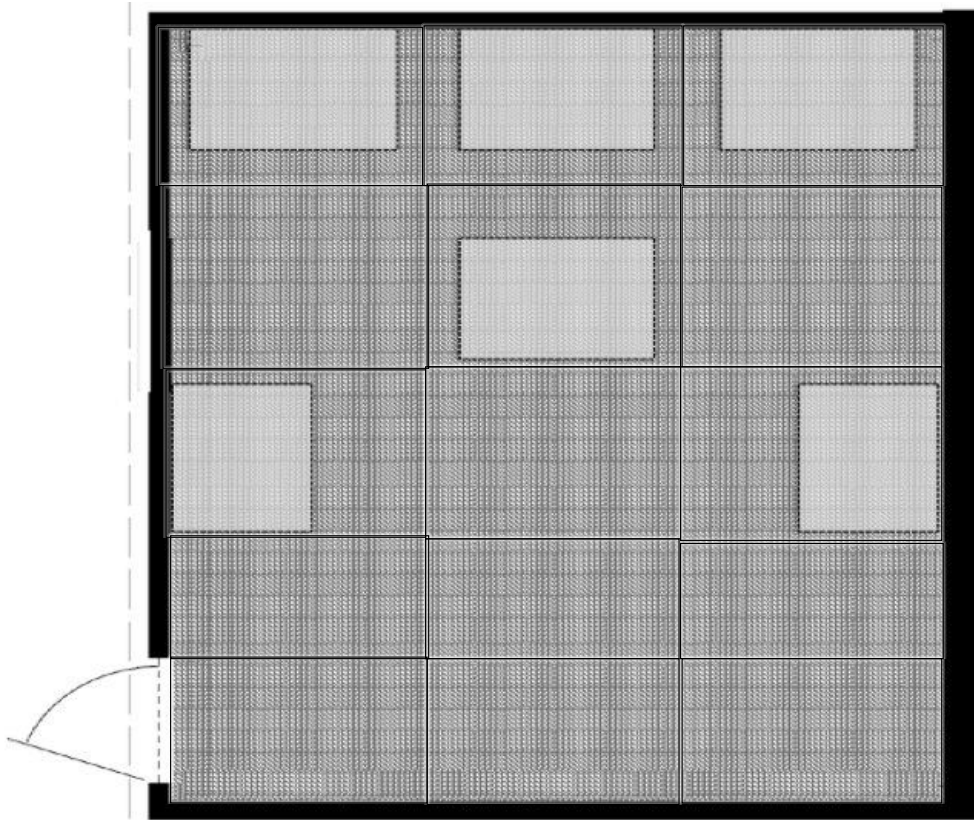
**Center of the Area of Origin Determination**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



**AREA OF ORIGIN DETERMINATION**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. Please select (click) on the region(s) of the diagram that encompass the area of origin for this fire.



FP2, 1500, 120

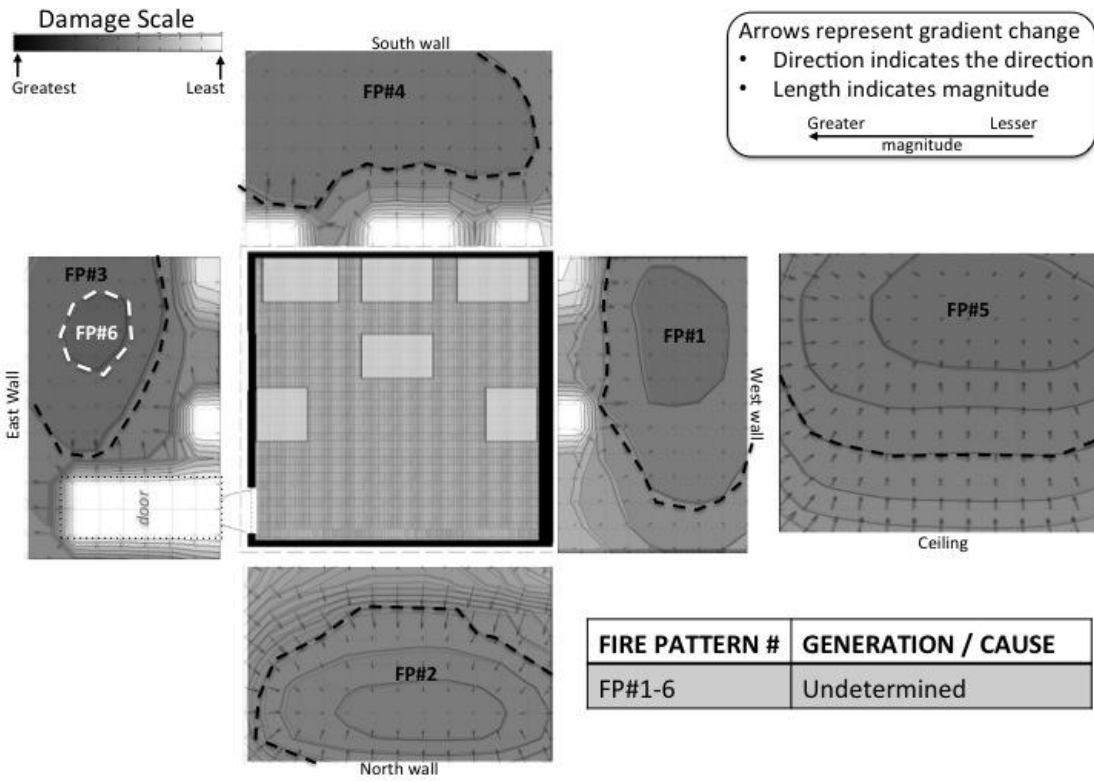
## Block 6

### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

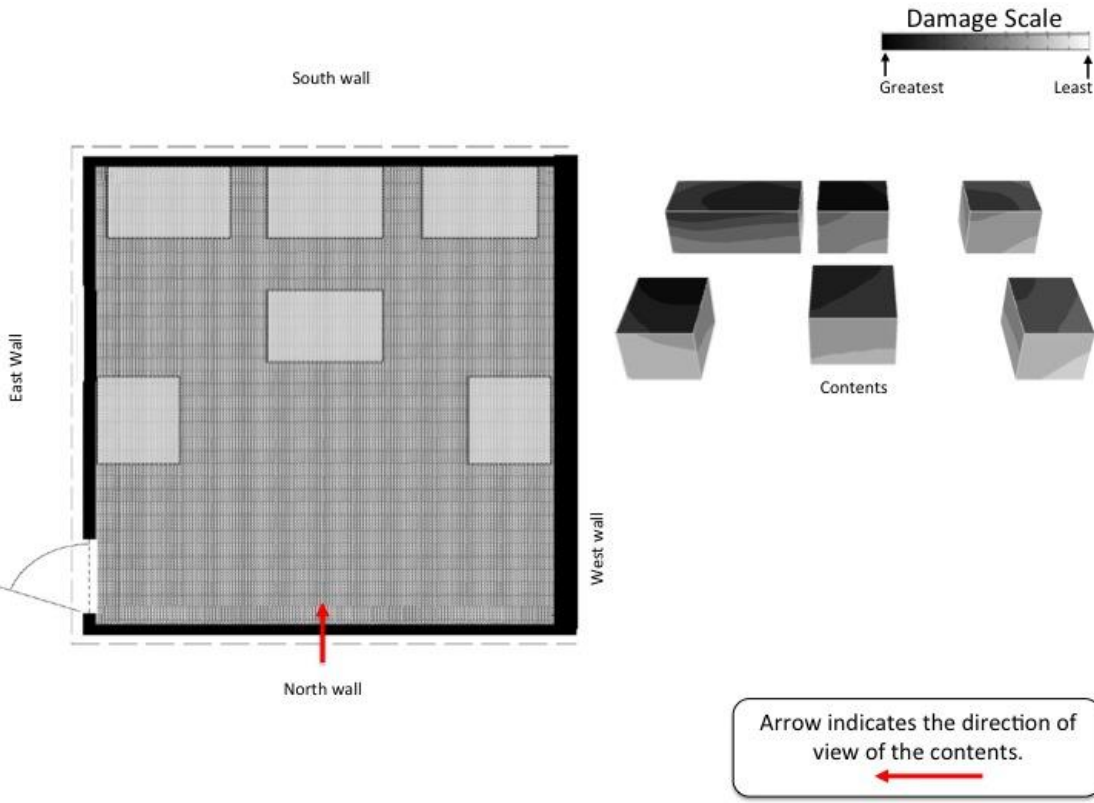
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.





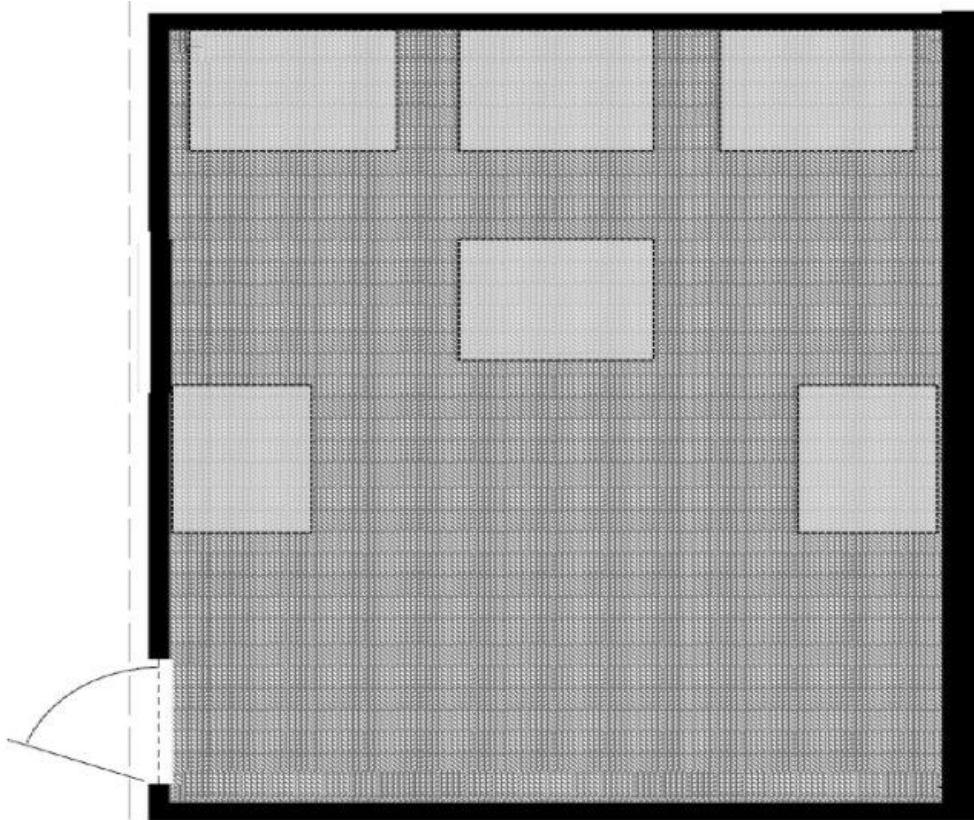
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



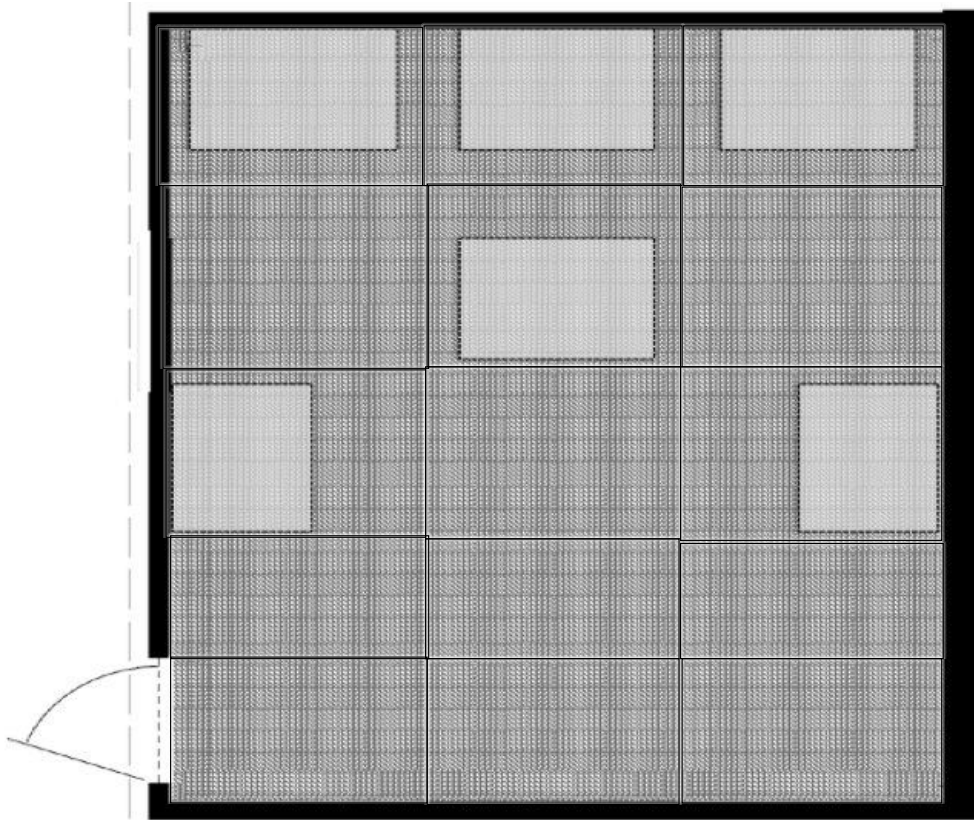
**Center of the Area of Origin Determination**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



**AREA OF ORIGIN DETERMINATION**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. Please select (click) on the region(s) of the diagram that encompass the area of origin for this fire.



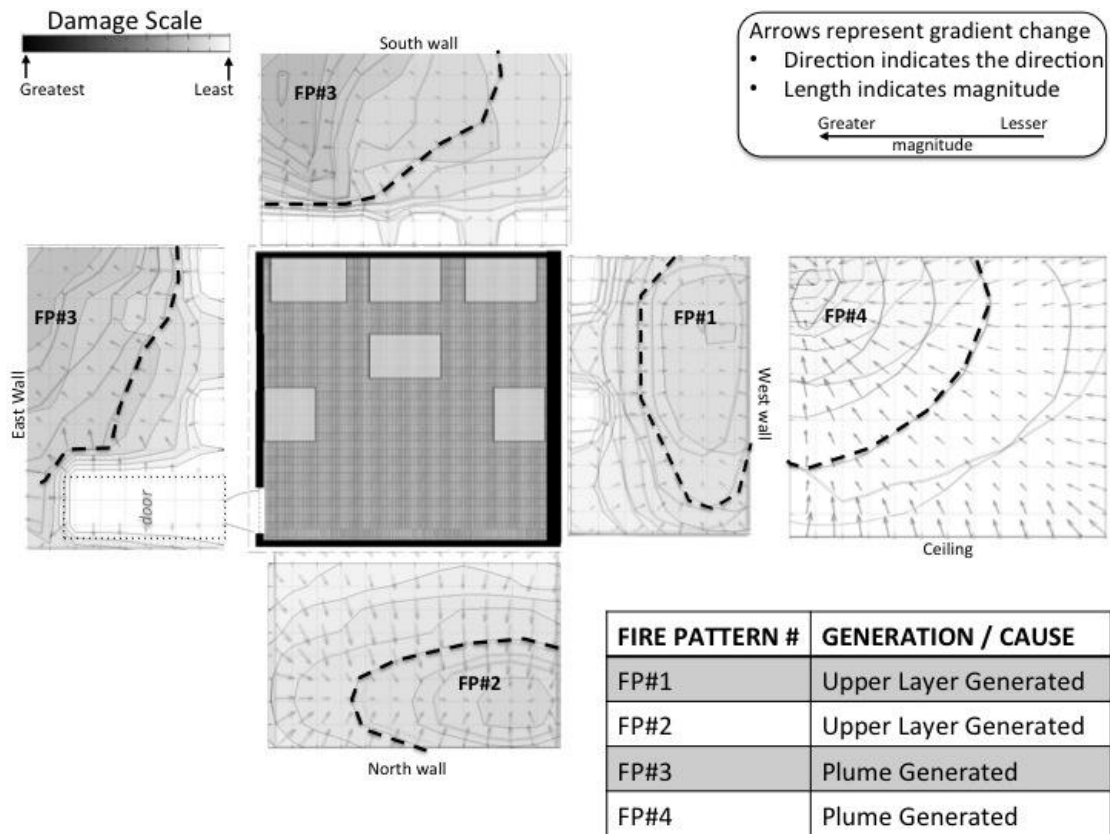
FP1, 4000, 900

## Block 5

### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

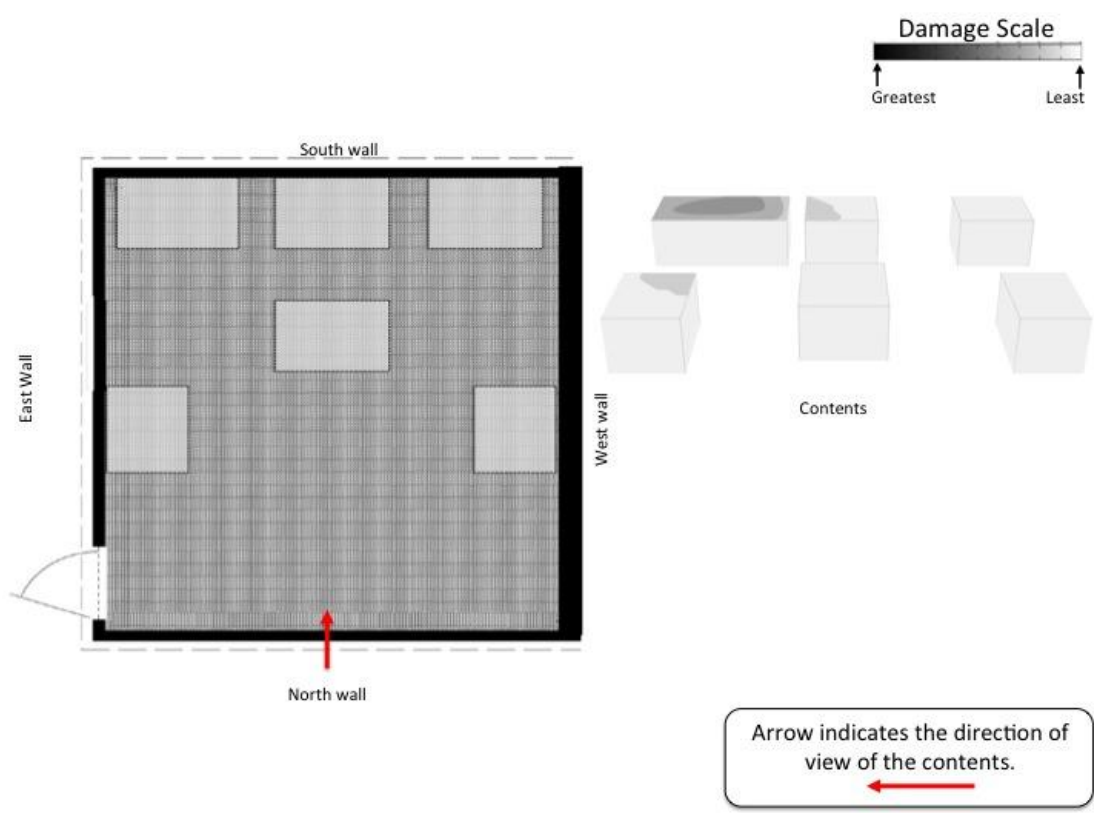
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



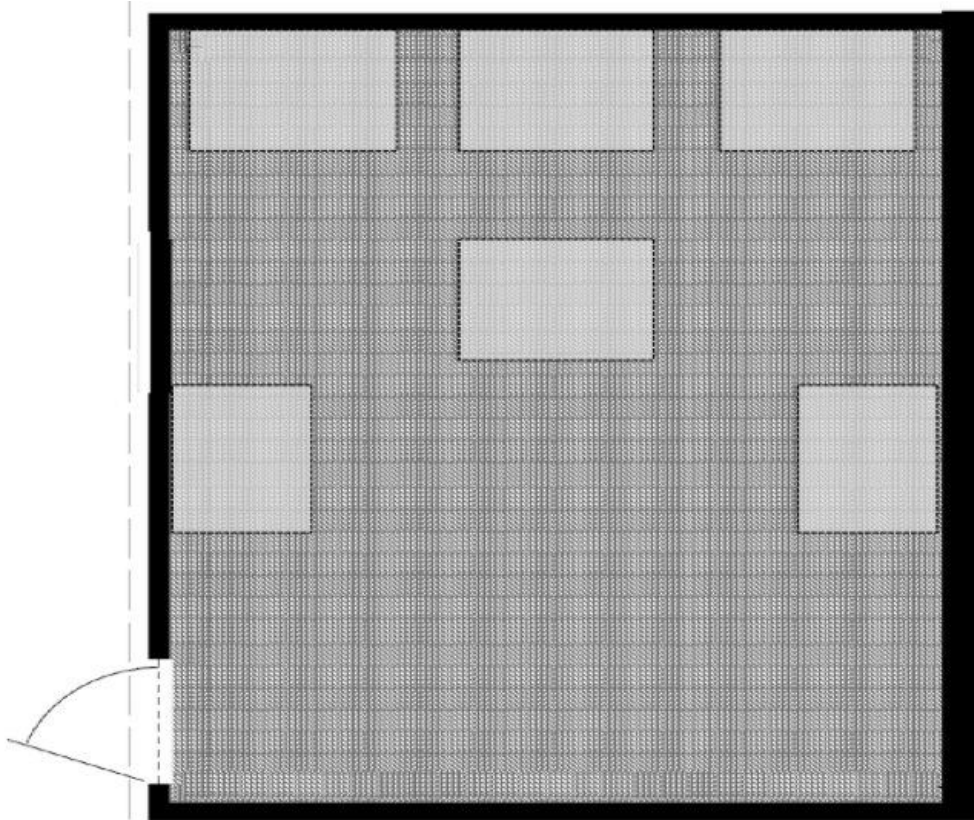
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



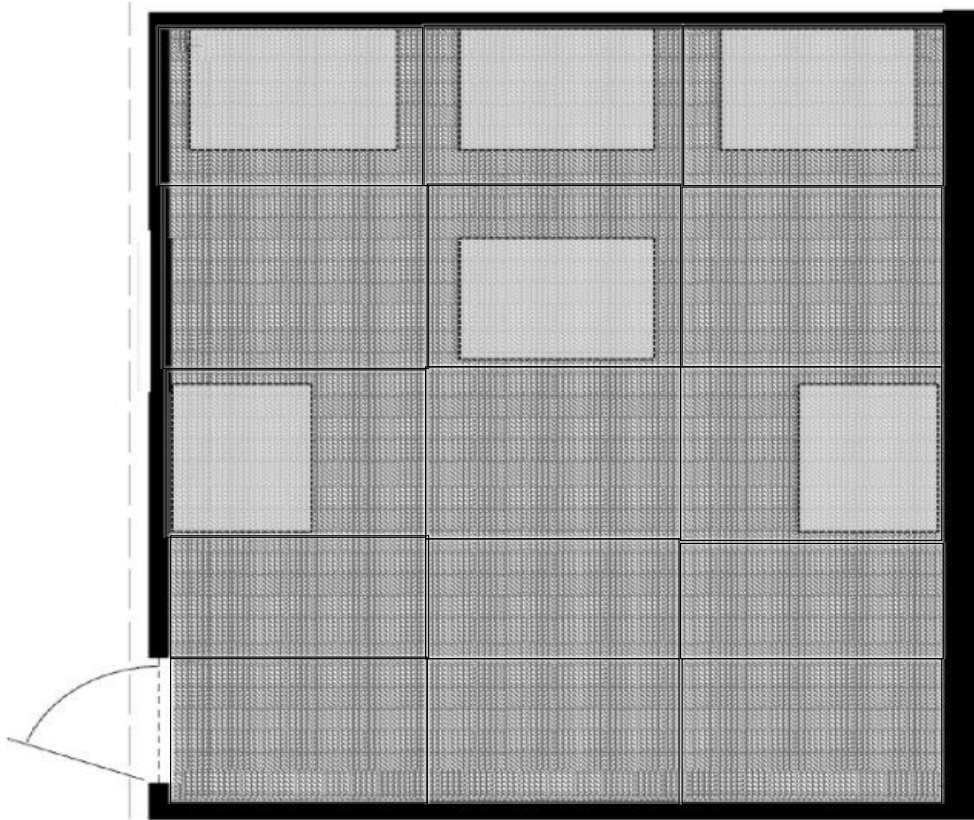
**Center of the Area of Origin Determination**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



**AREA OF ORIGIN DETERMINATION**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. Please select (click) on the region(s) of the diagram that encompass the area of origin for this fire.



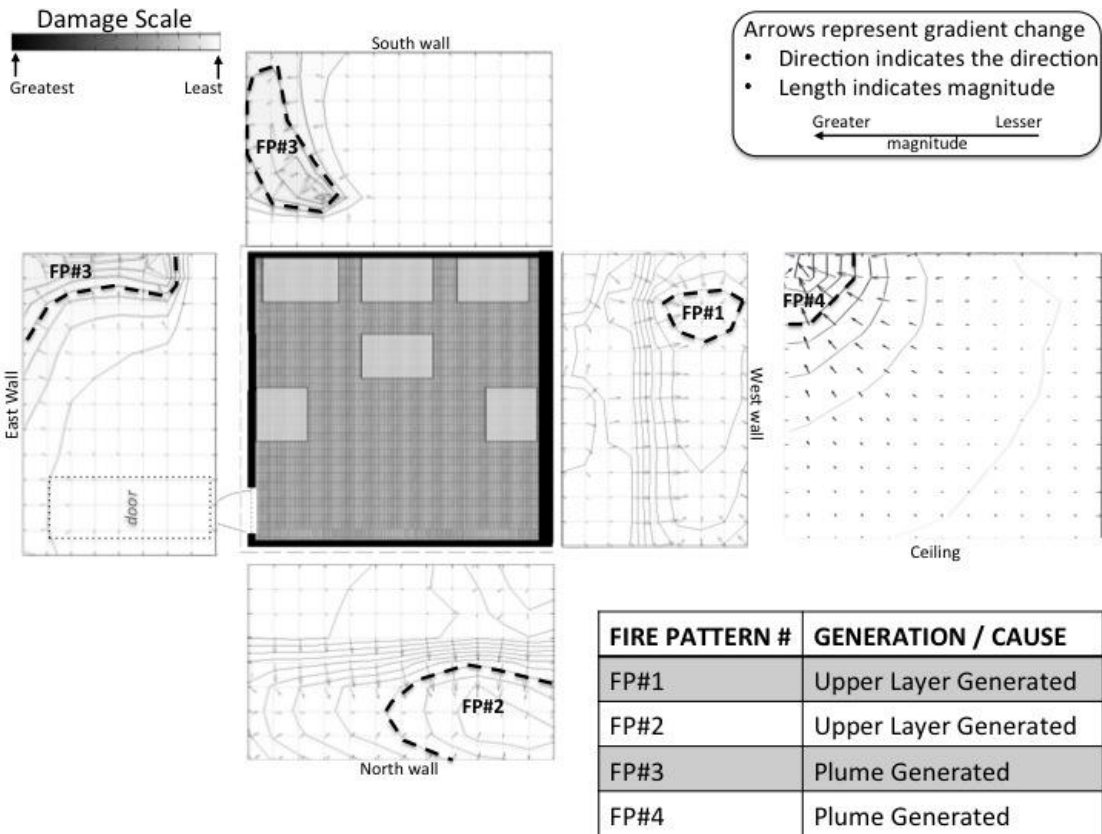
FP1, 4000, 360

#### Block 4

##### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

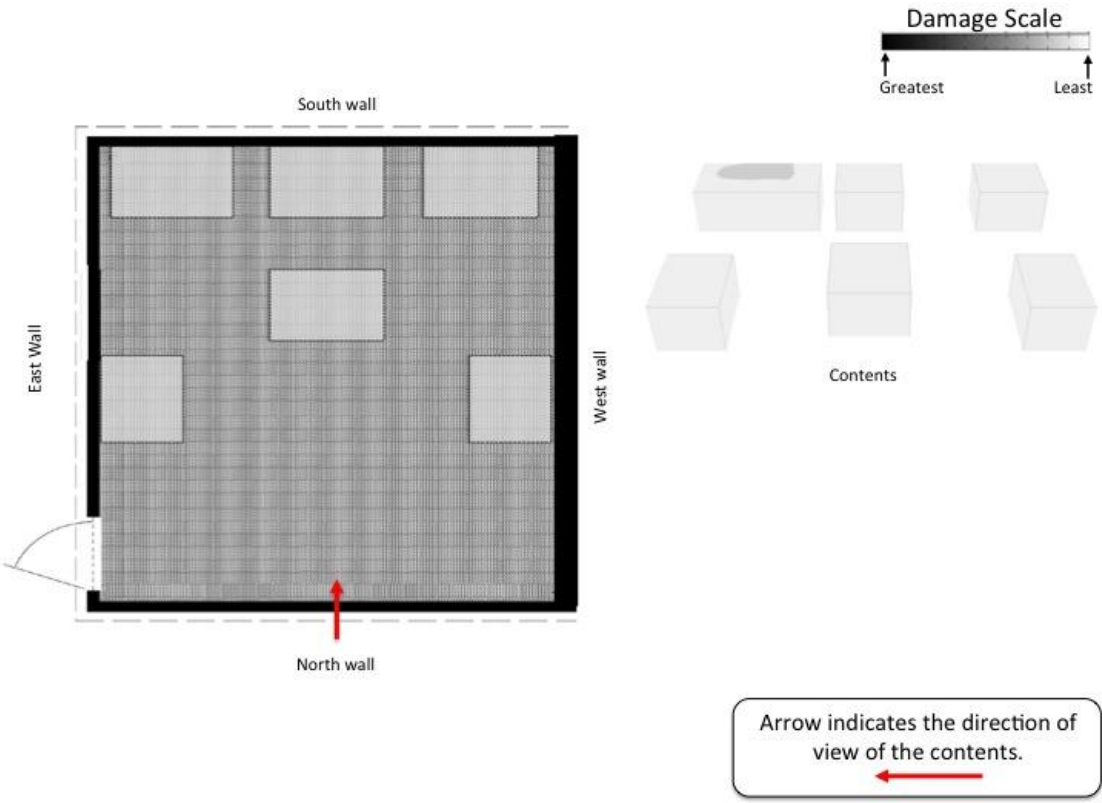
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



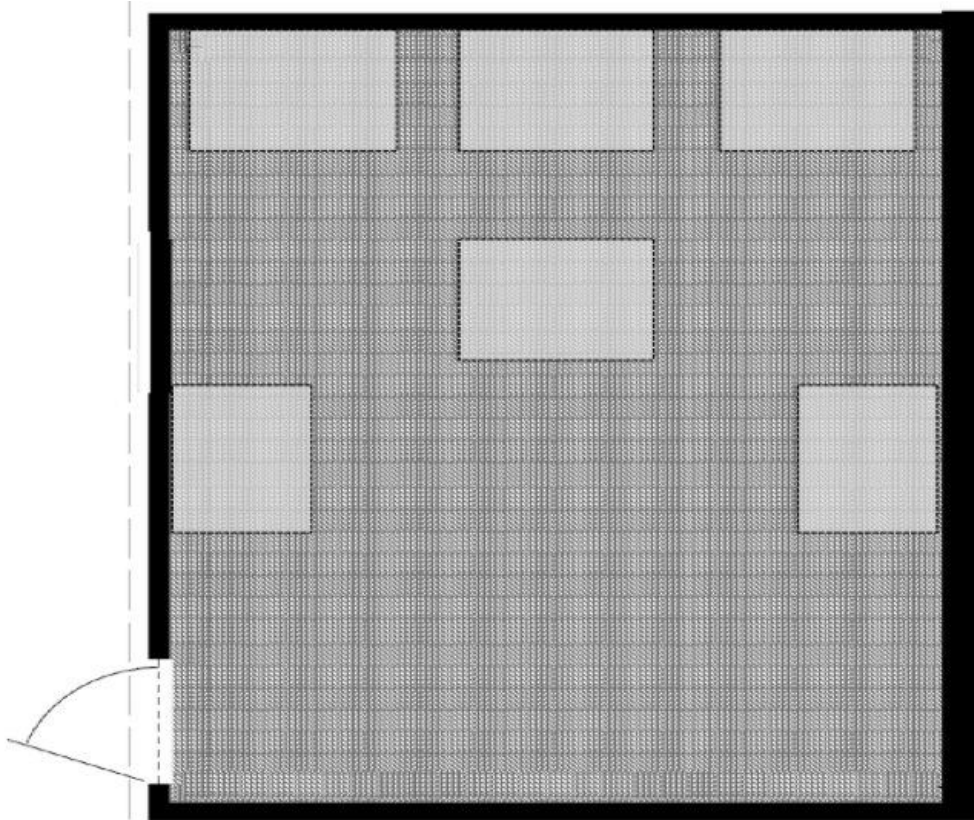
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



**Center of the Area of Origin Determination**

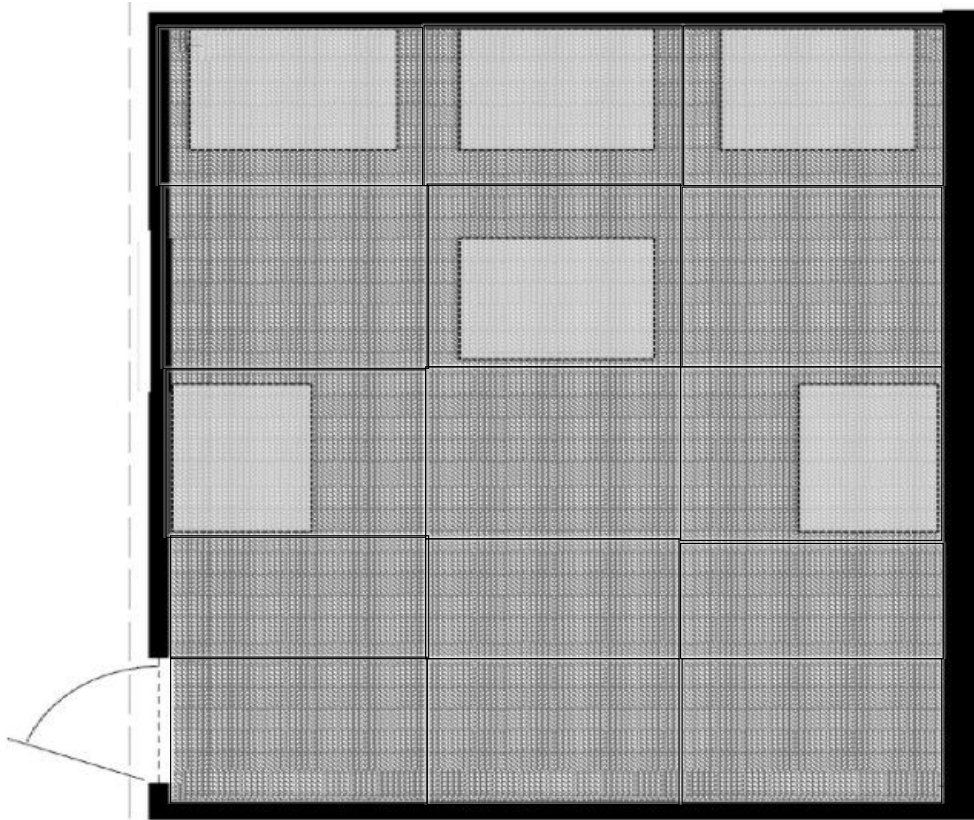
The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



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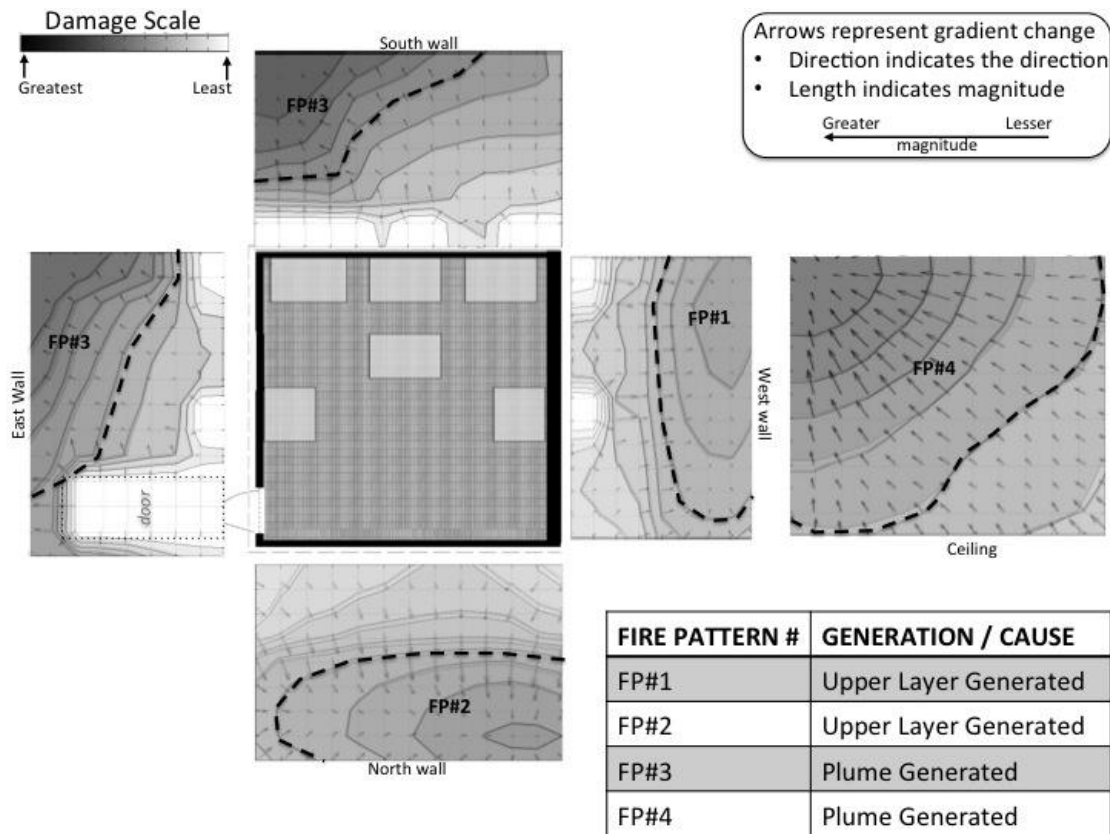
FP1, 4000, 120

### Block 3

#### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

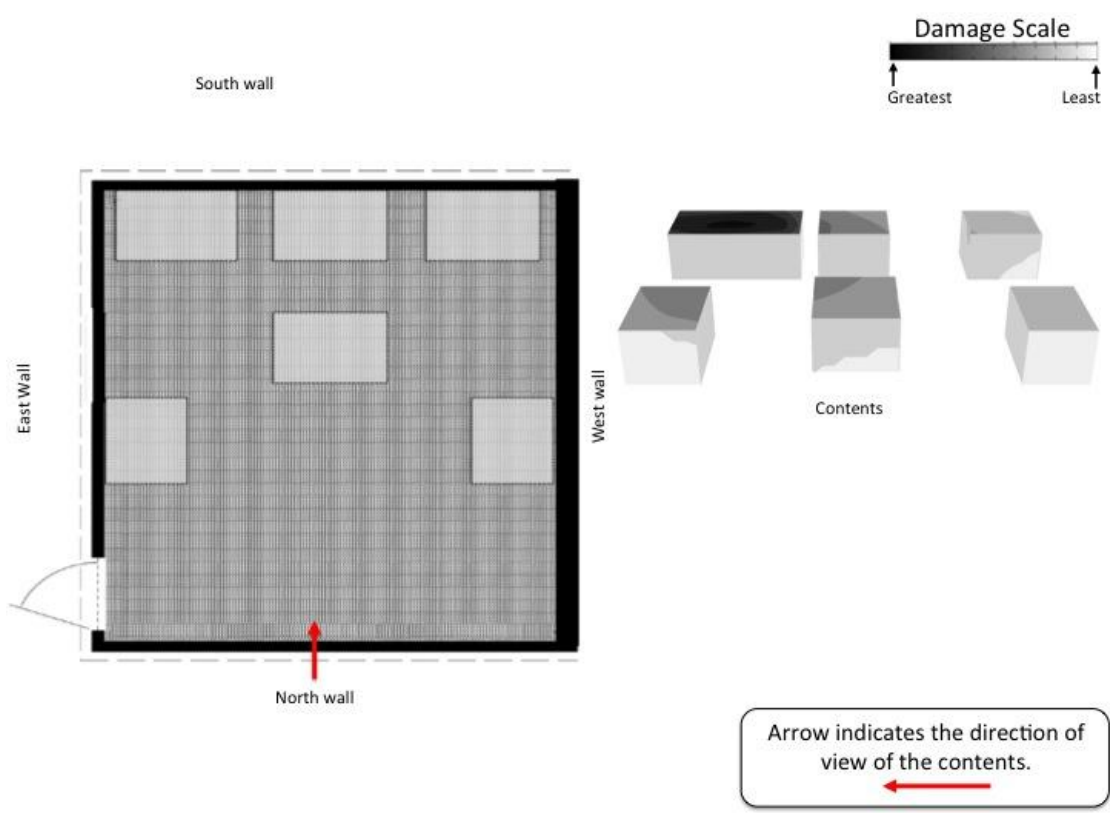
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

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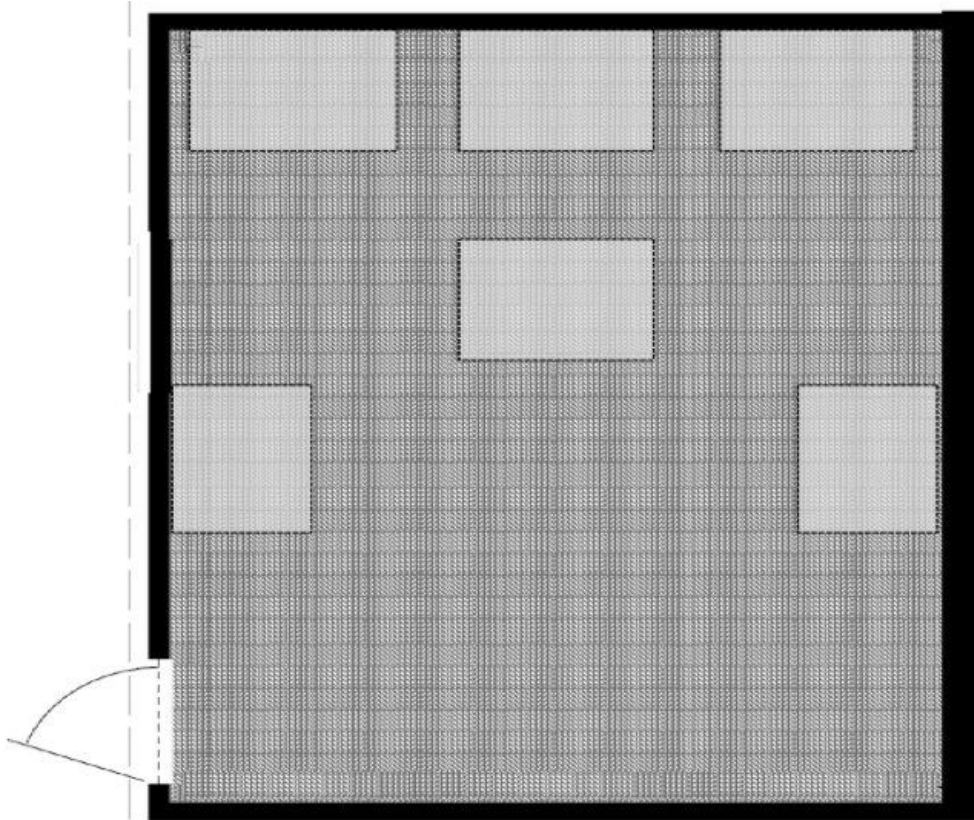
**CONTOUR PLOTS OF DAMAGE - CONTENTS**

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



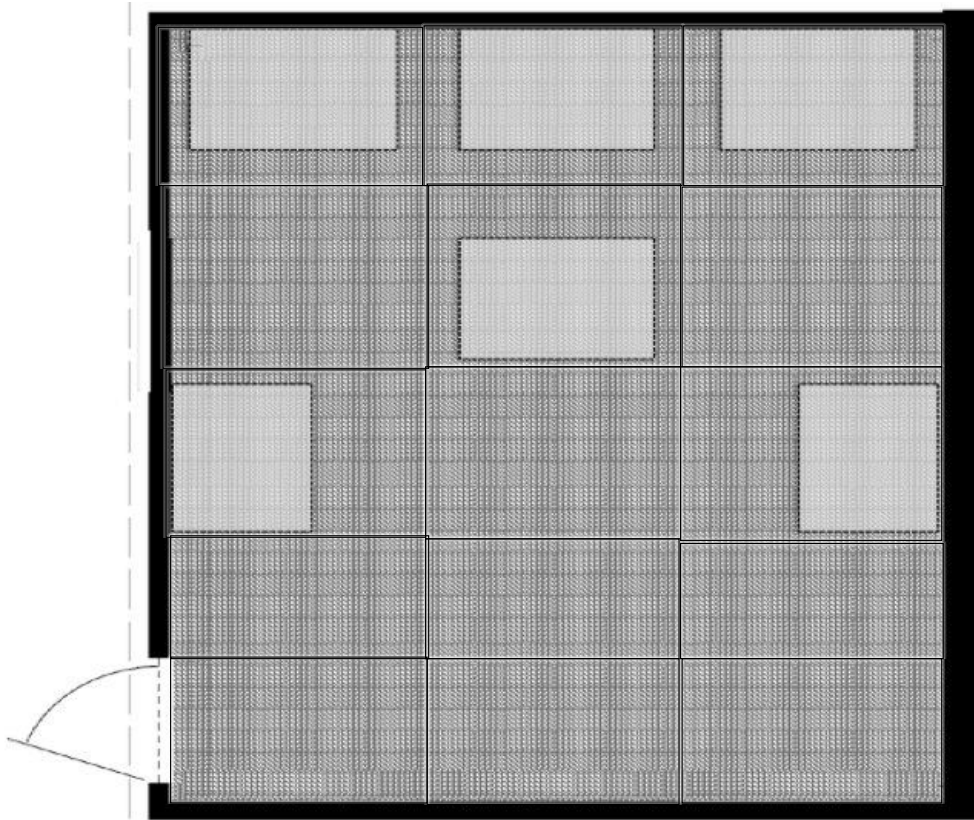
**Center of the Area of Origin Determination**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



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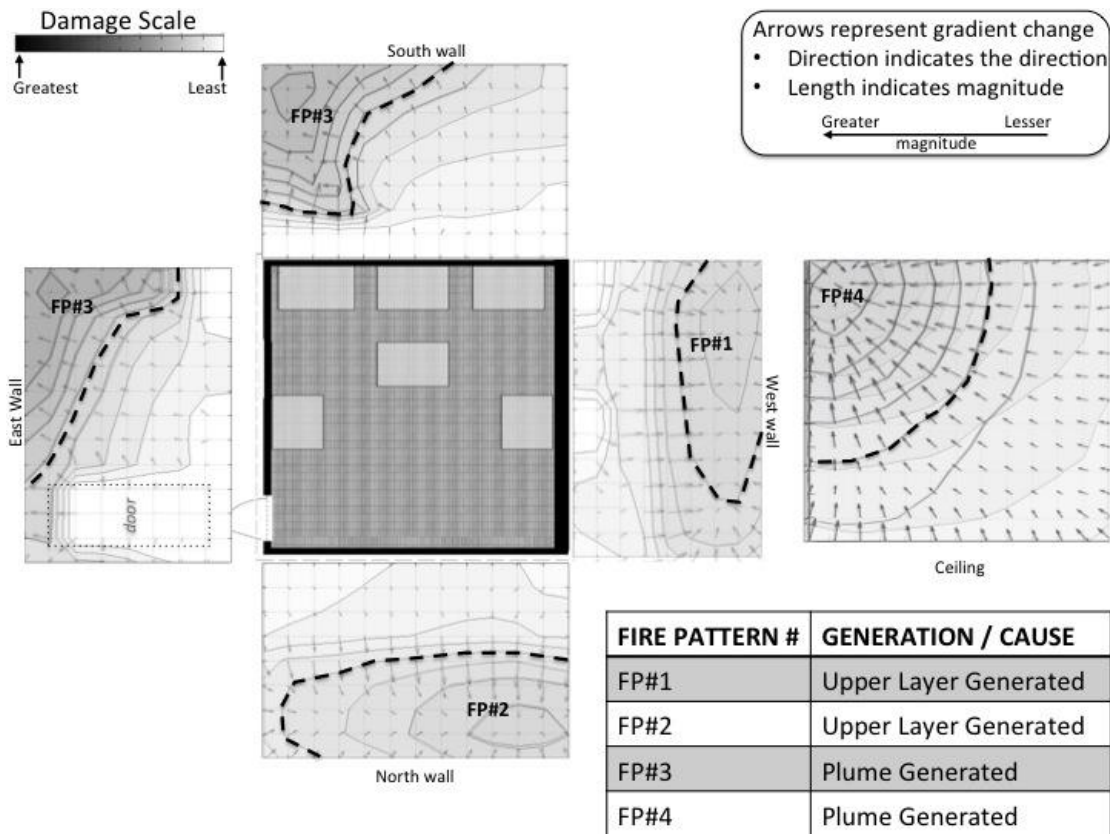
FP1, 1500, 900

## Block 2

### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

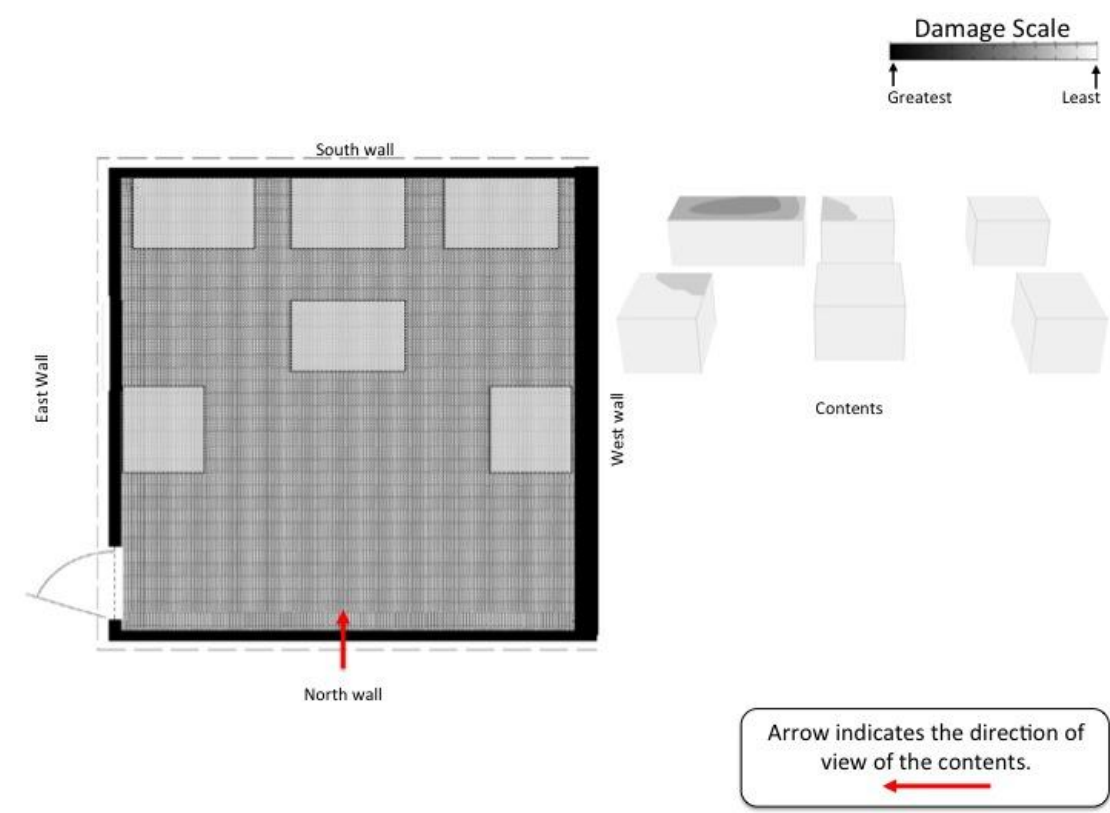
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

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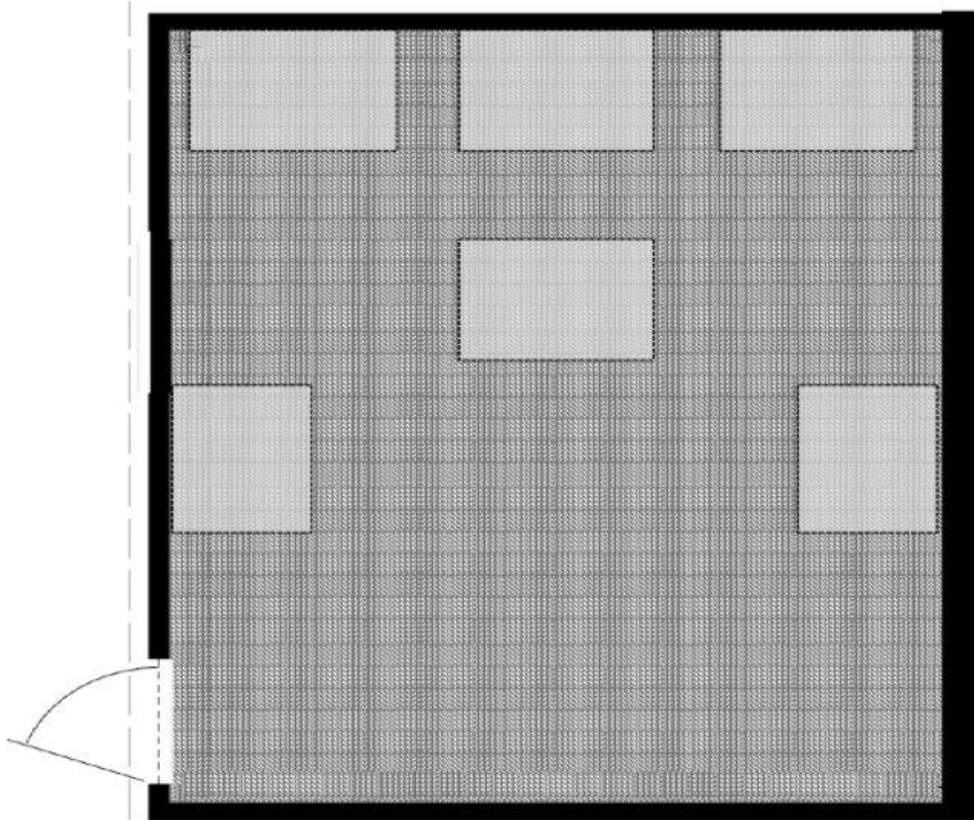
### CONTOUR PLOTS OF DAMAGE - CONTENTS

Below is a view of the damage plot of the contents. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each content surfaces. The rectangular shapes in the diagram are combustible contents.



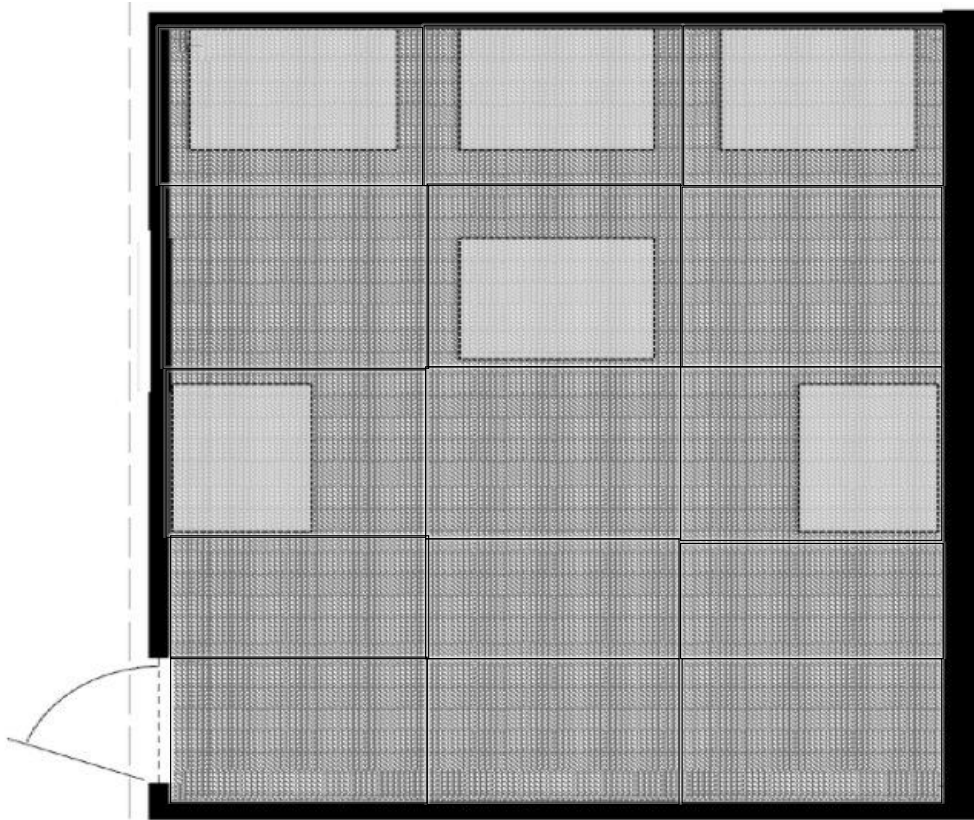
**Center of the Area of Origin Determination**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



**AREA OF ORIGIN DETERMINATION**

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FP1, 1500, 360

### Block 1

#### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

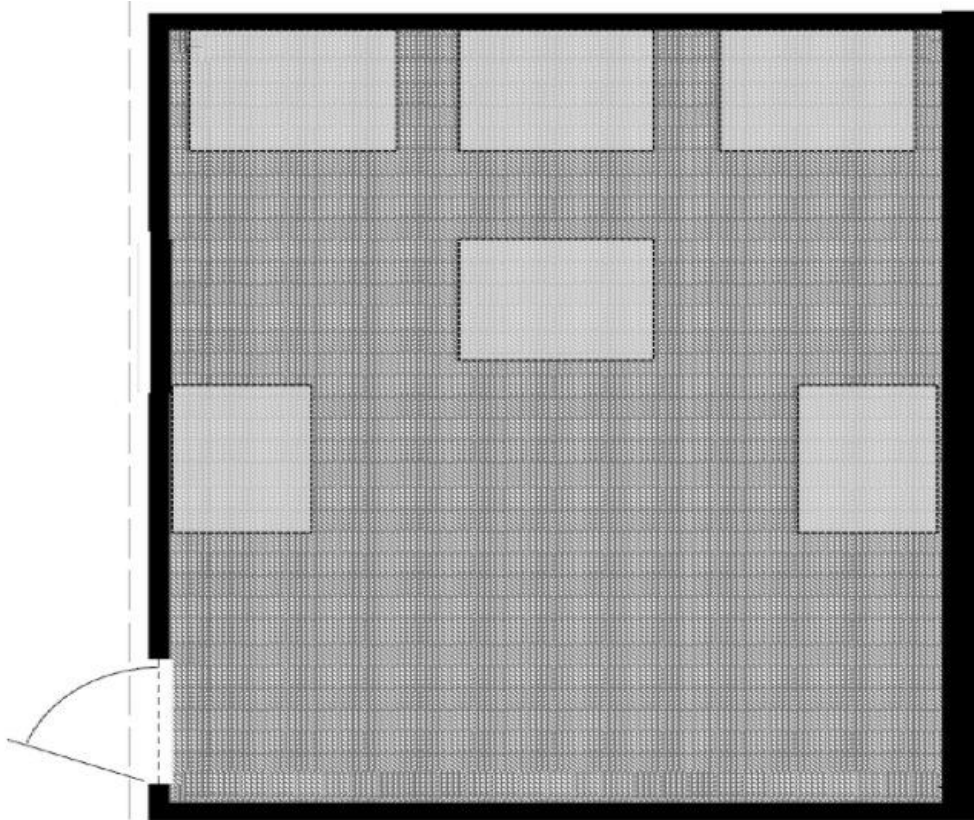
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.





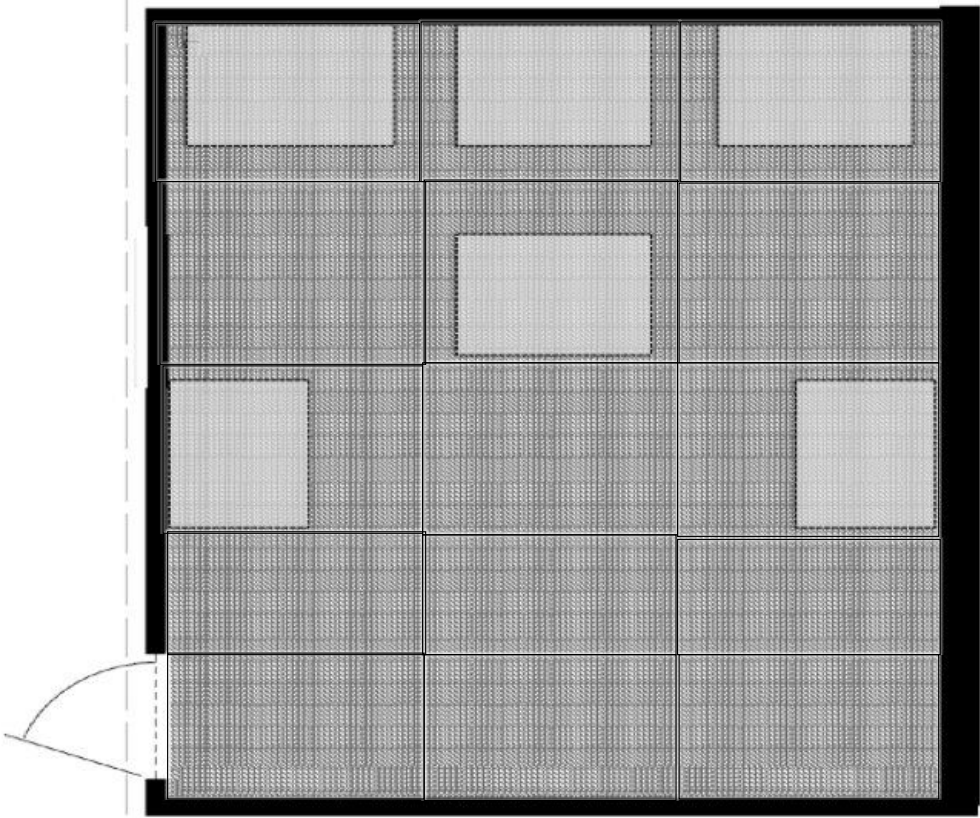
**Center of the Area of Origin Determination**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



**AREA OF ORIGIN DETERMINATION**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. Please select (click) on the region(s) of the diagram that encompass the area of origin for this fire.



FP1, 1500, 120



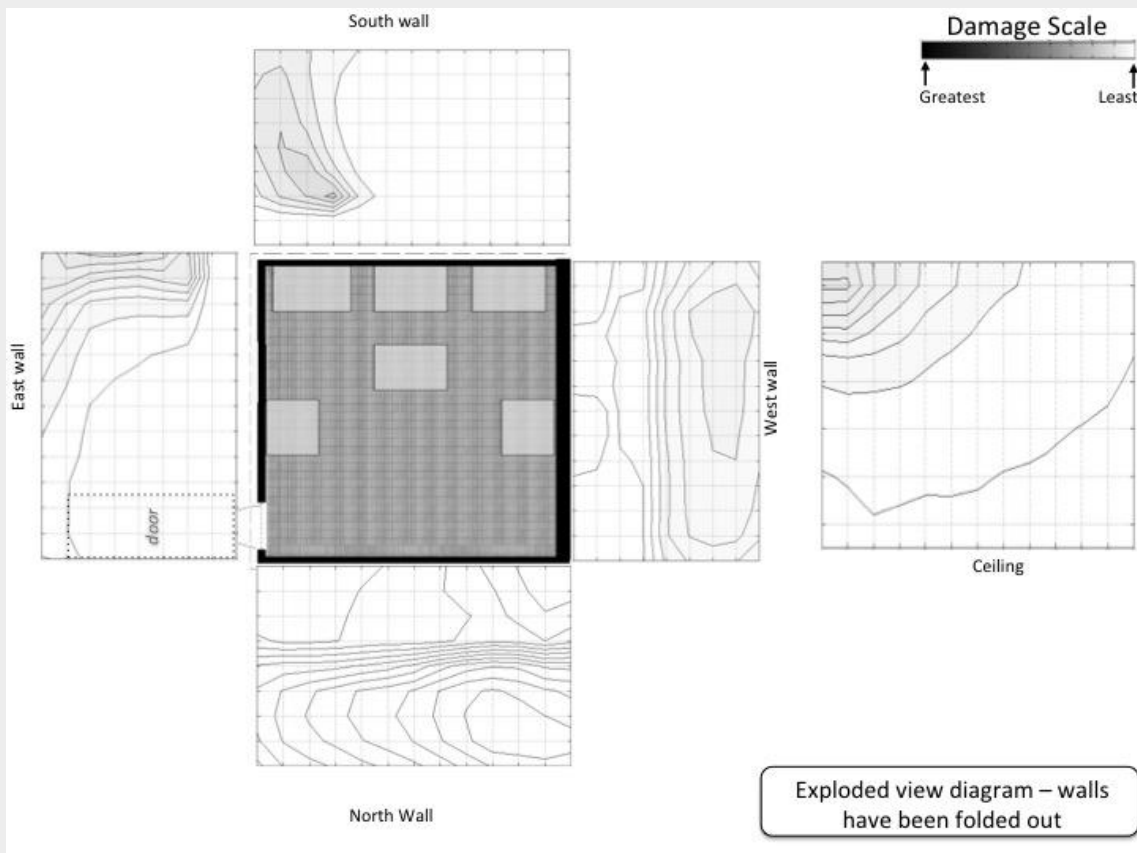
**DIRECTIONS:** There are a total of 32-sets of images that you will be shown. You will be asked to provide an area of origin determination for each set of images. You will first be asked to select the center of your area of origin and then asked to select the smallest area that encompasses your area of origin determination. At the very end of the survey, you will be asked a few methodological questions. I appreciate your attention and effort-thanks for participating!

### Block 1

#### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

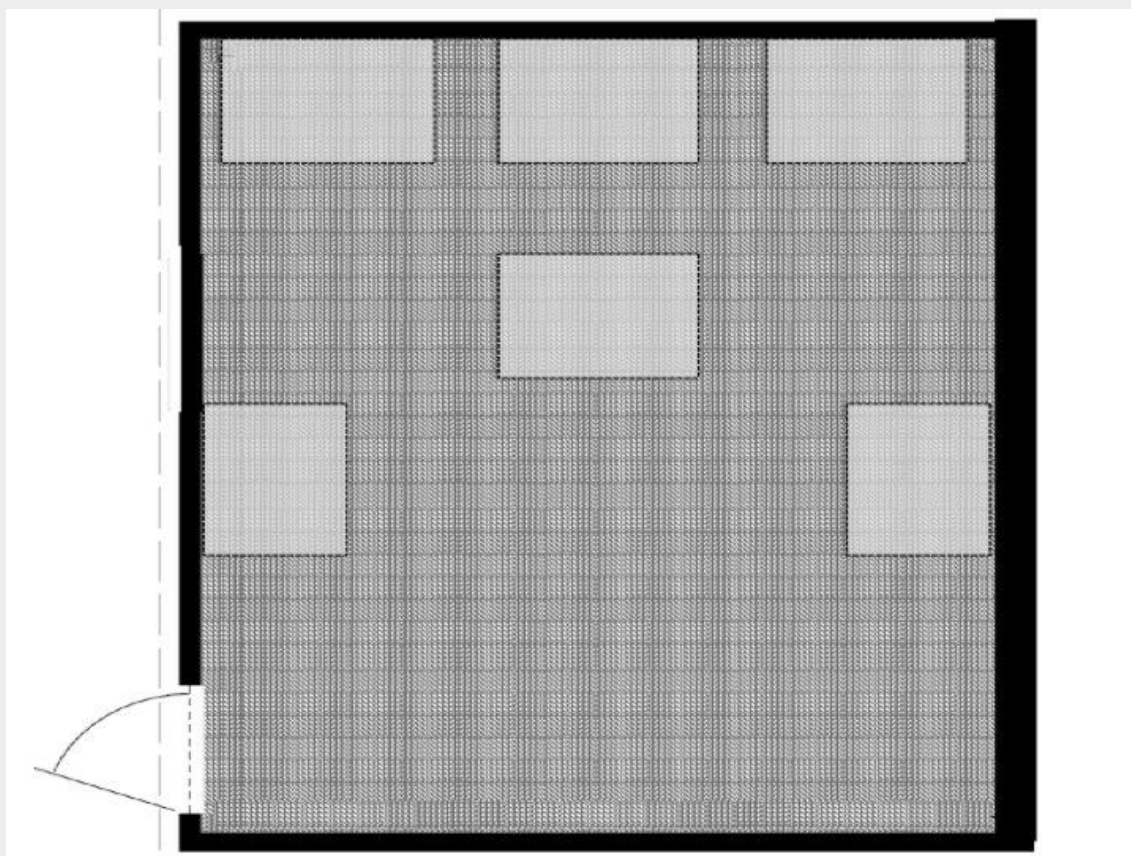
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



#### Center of the Area of Origin Determination

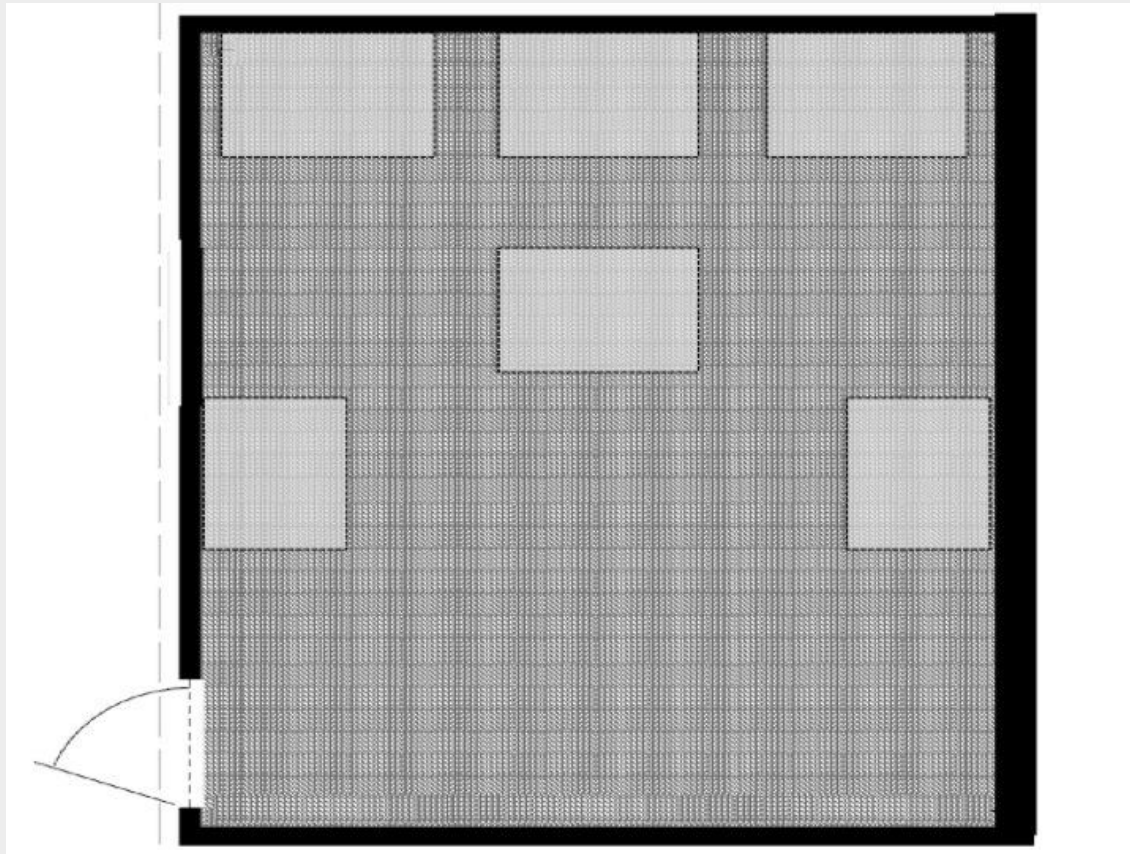
Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one

location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



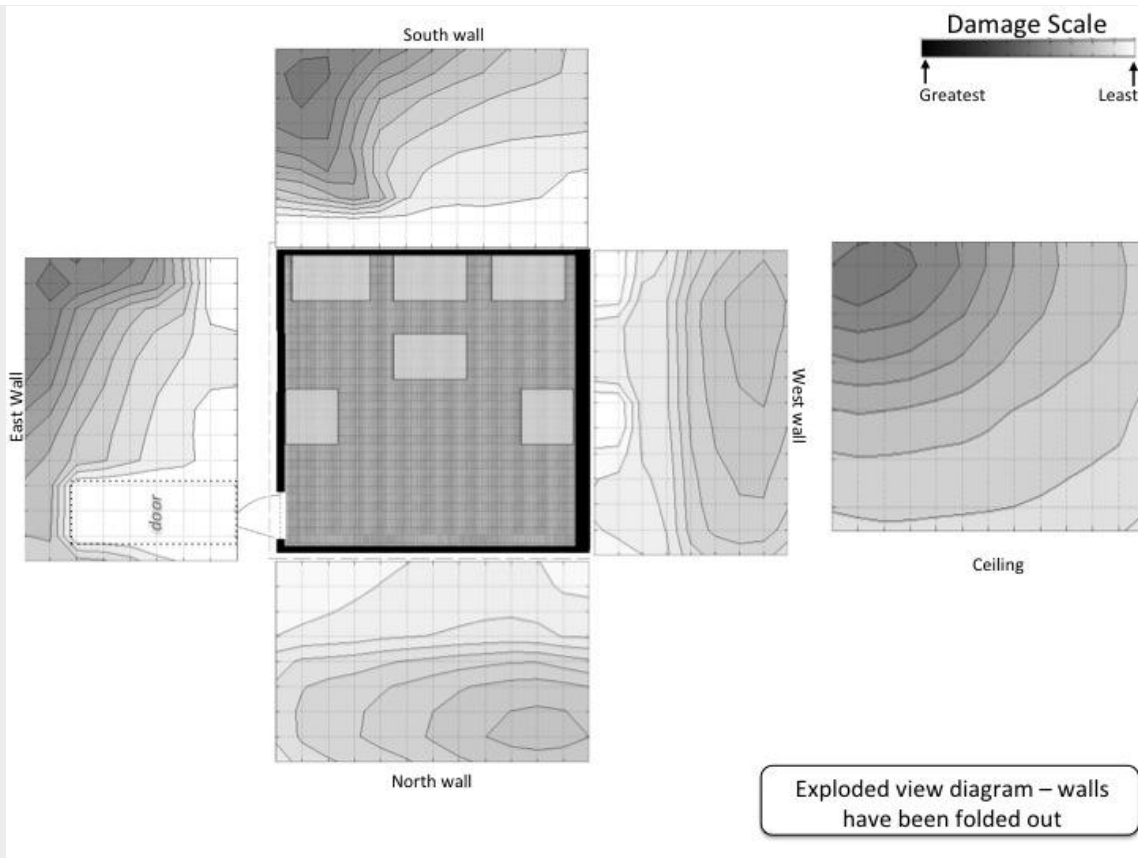
FP1, 1500, 120

## Block 2

### CONTOUR PLOTS OF DAMAGE - WALLS & CEILING

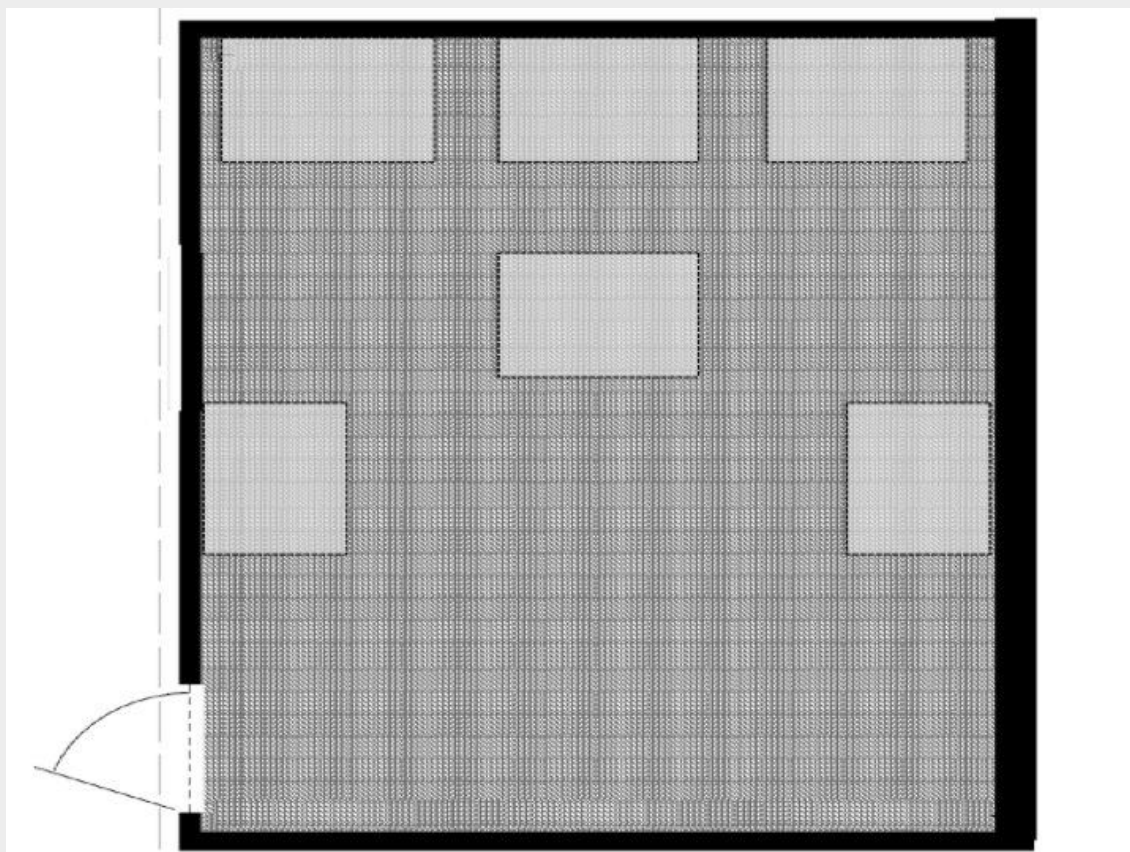
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



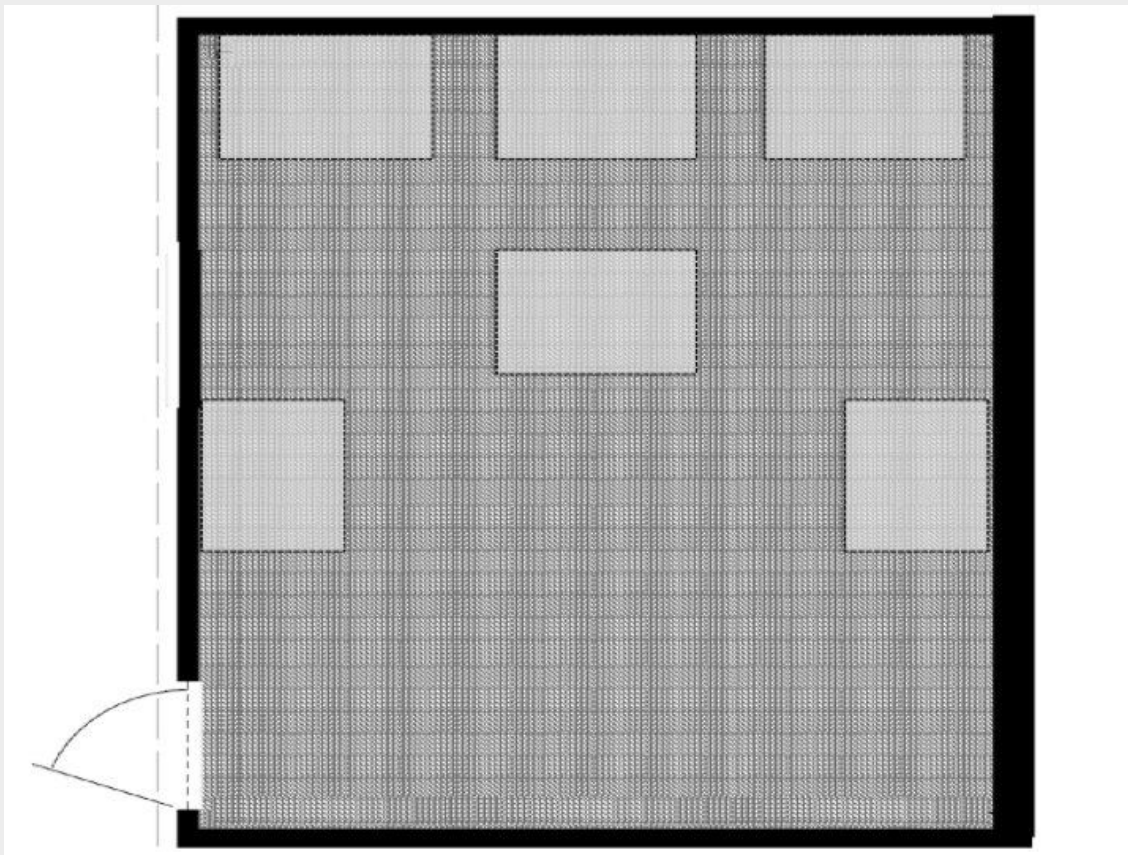
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

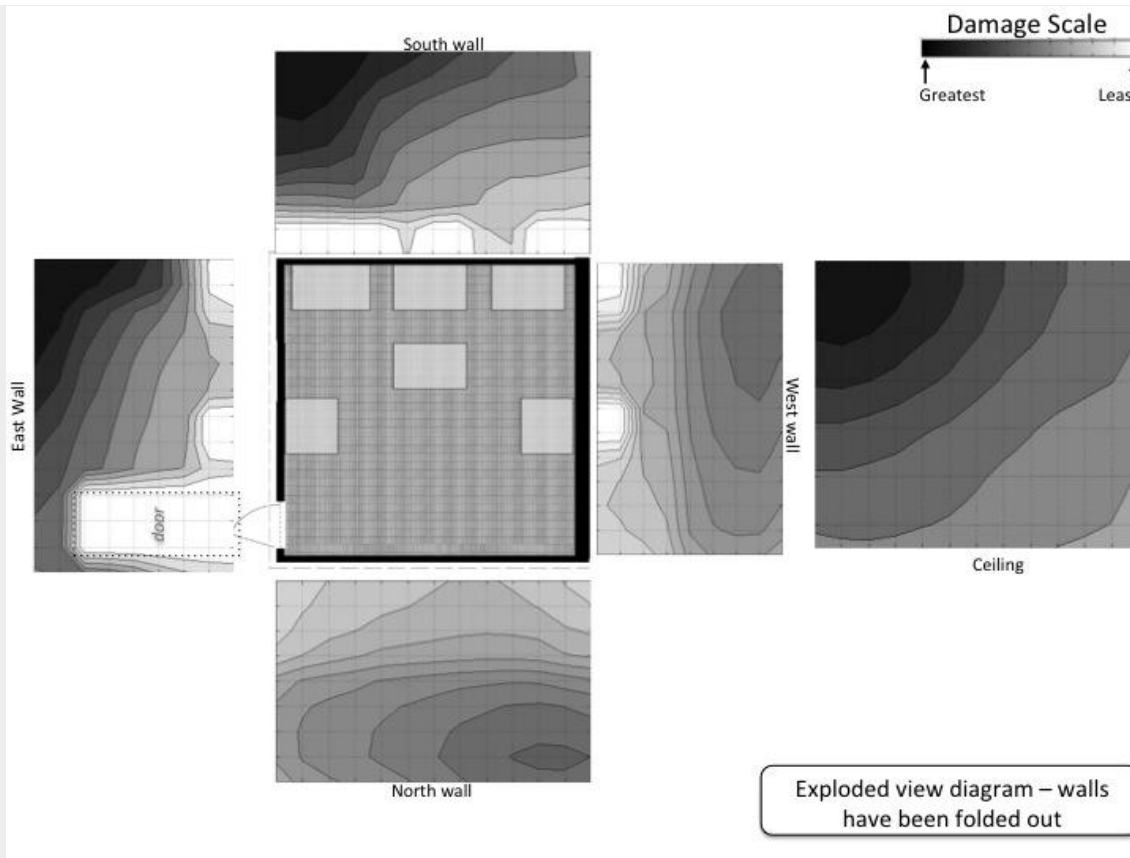


FP1, 1500, 360

**Block 3****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

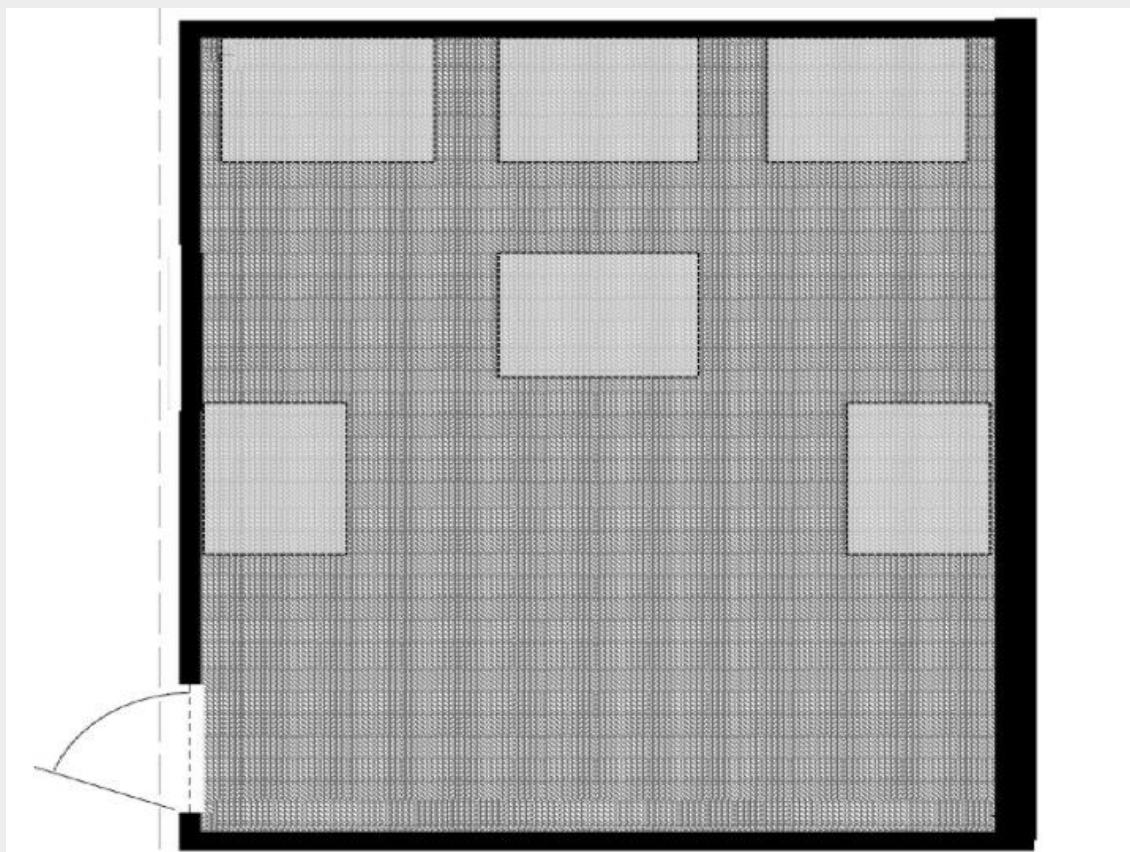
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



### Center of the Area of Origin Determination

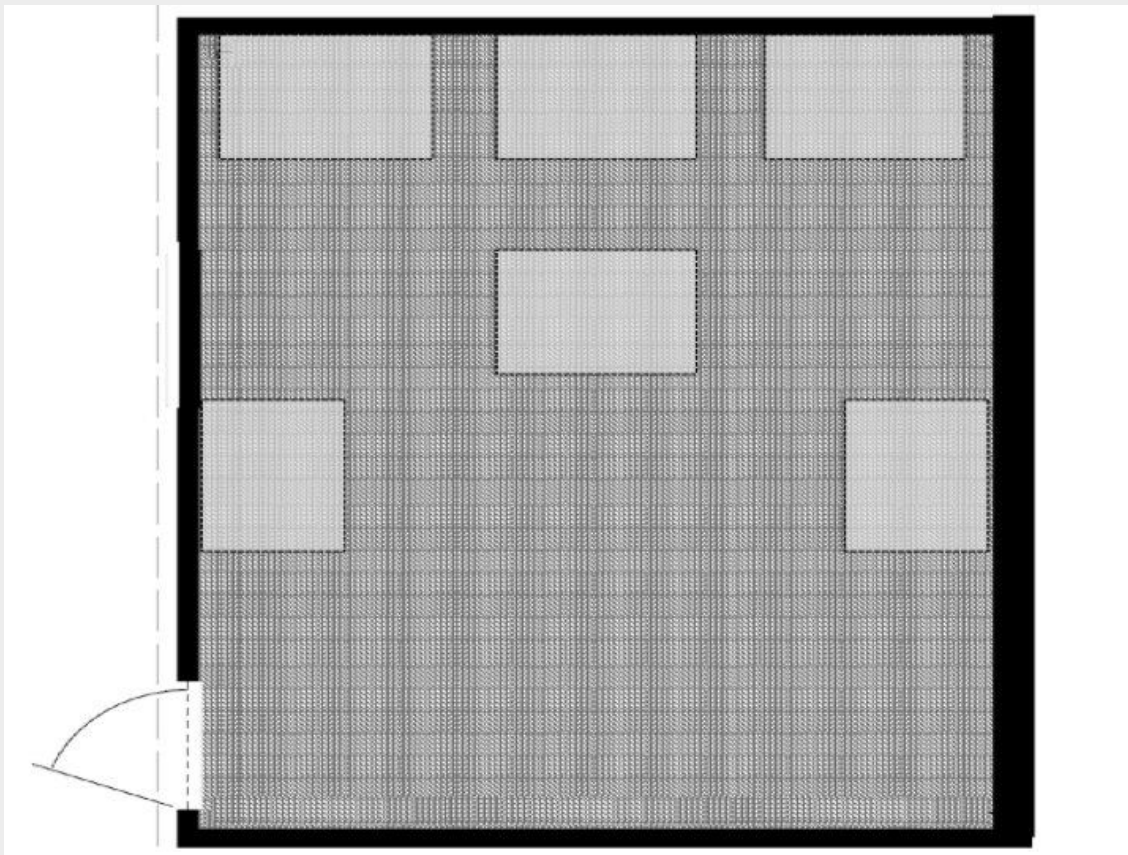
Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.





**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

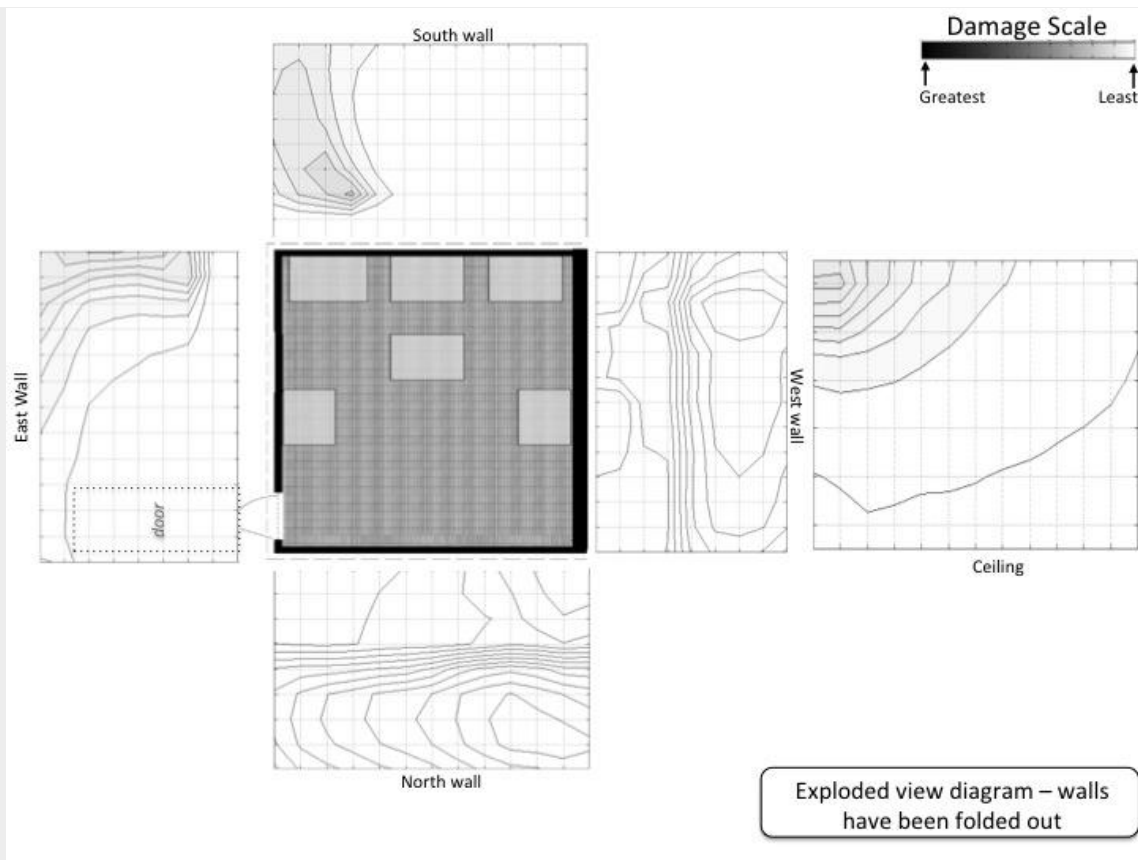


FP1, 1500, 900

**Block 4****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

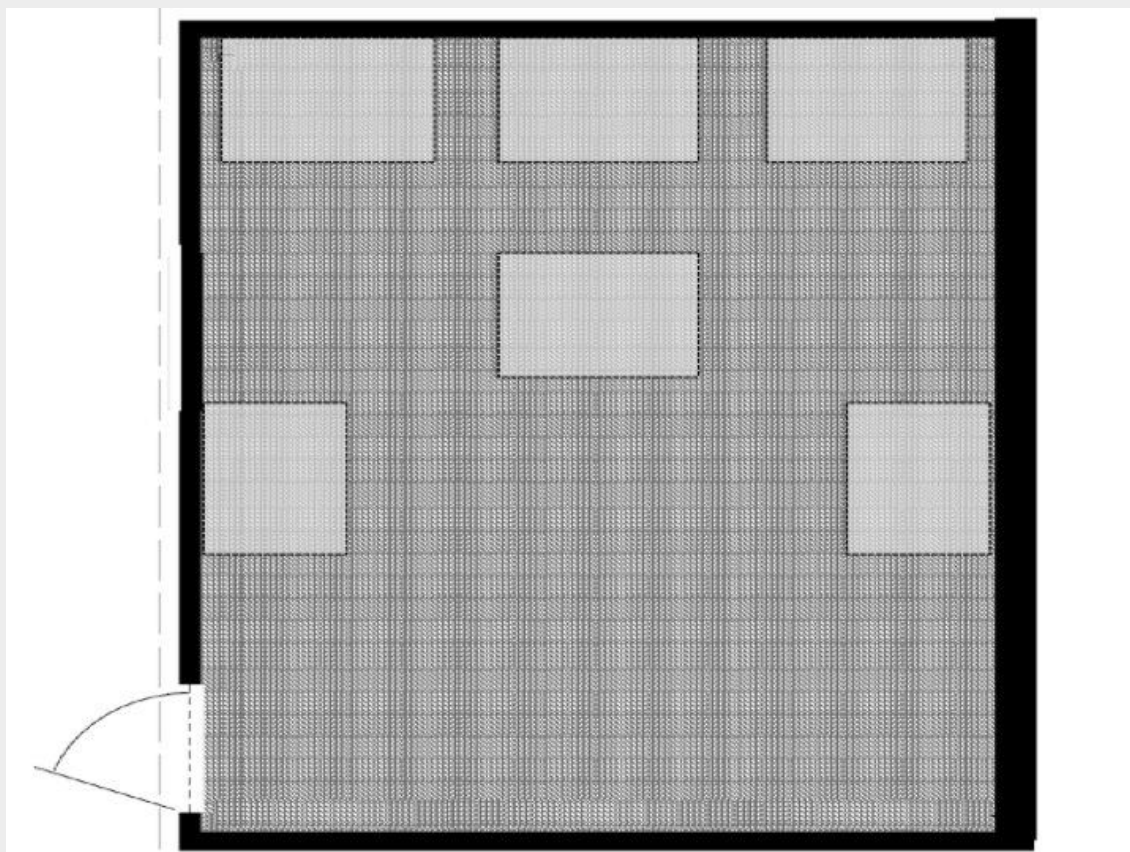
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



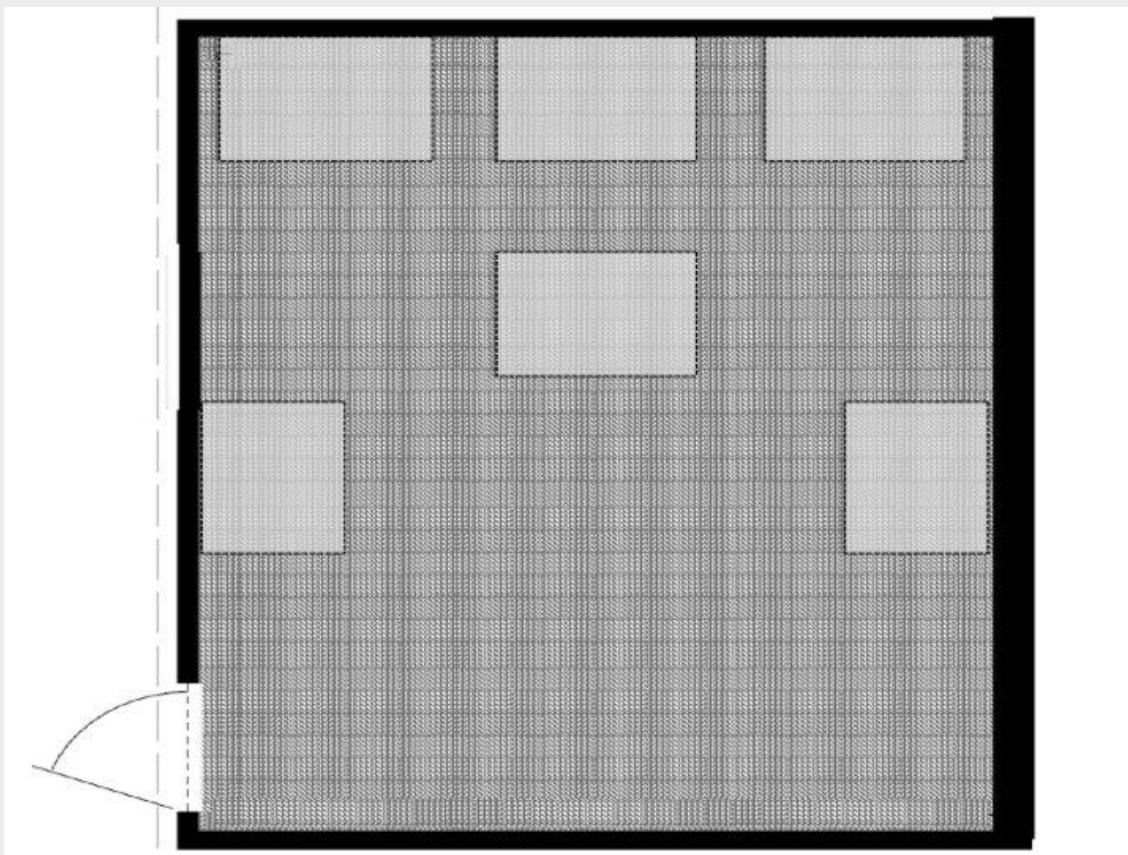
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

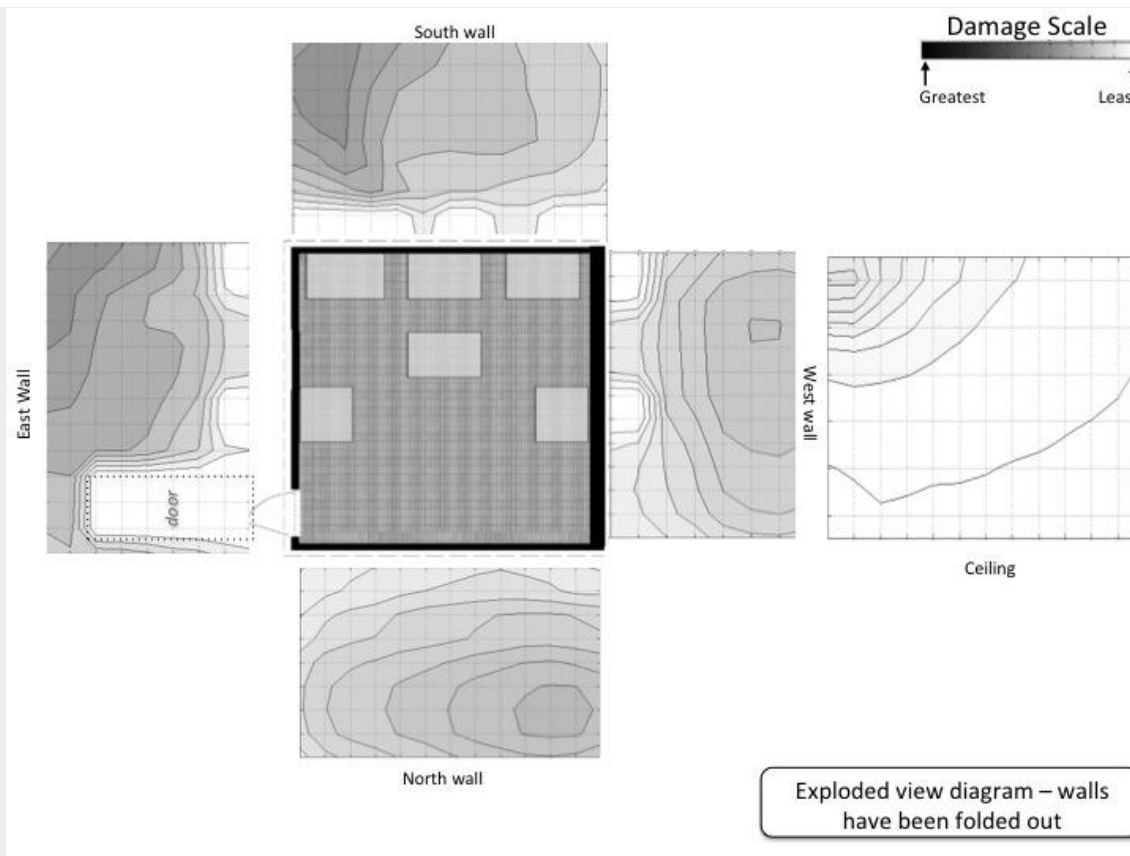


FP1, 4000, 120

**Block 5****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

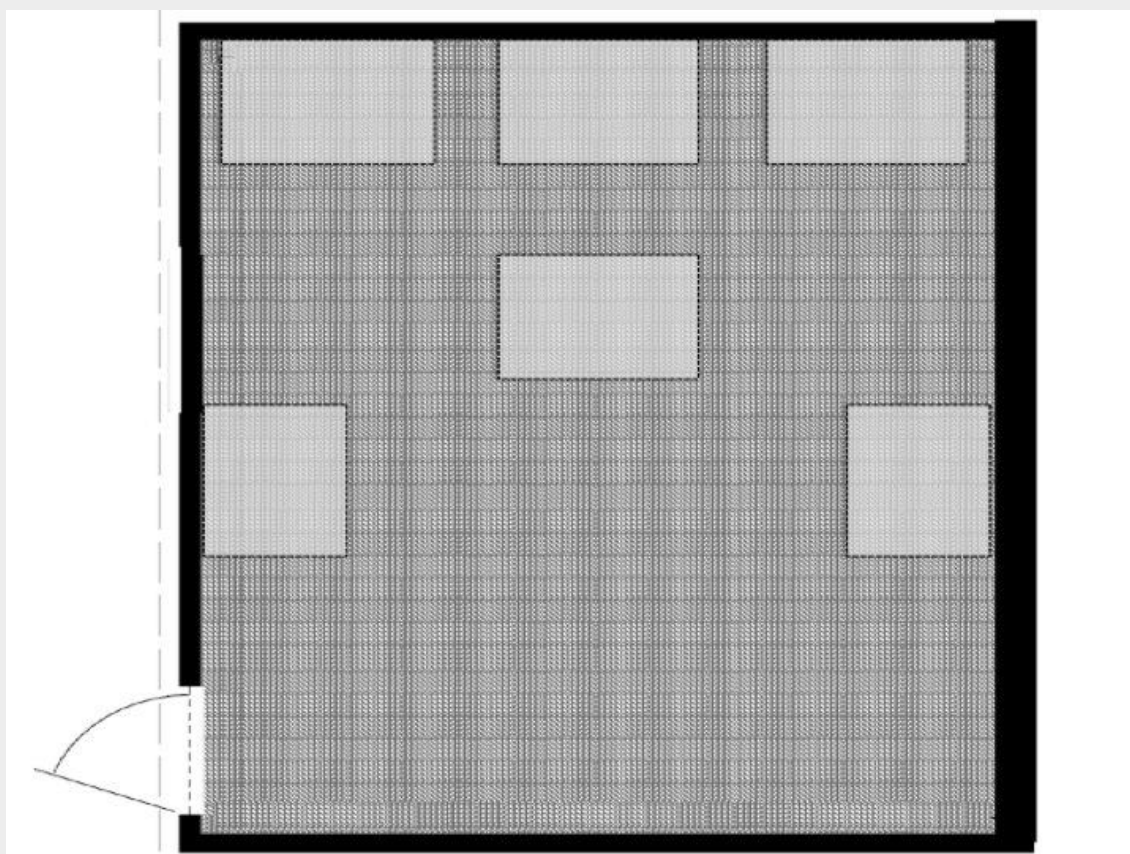
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



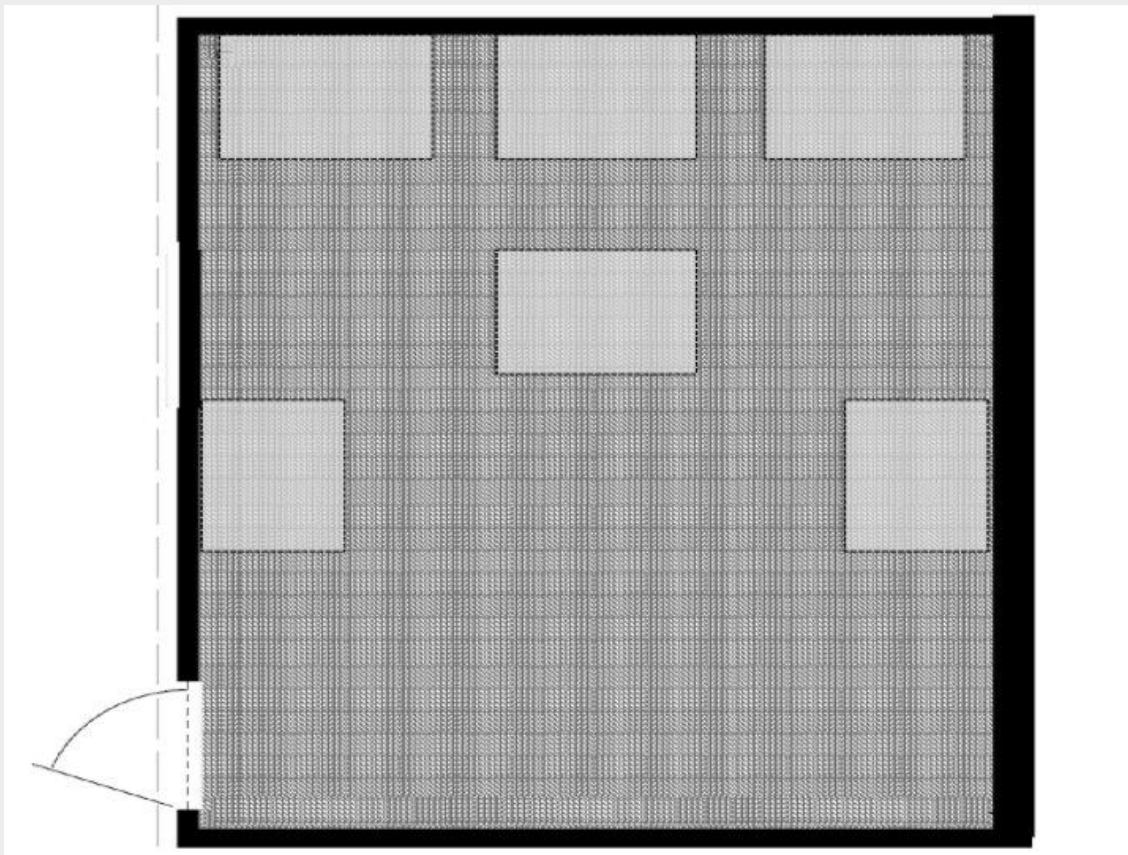
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

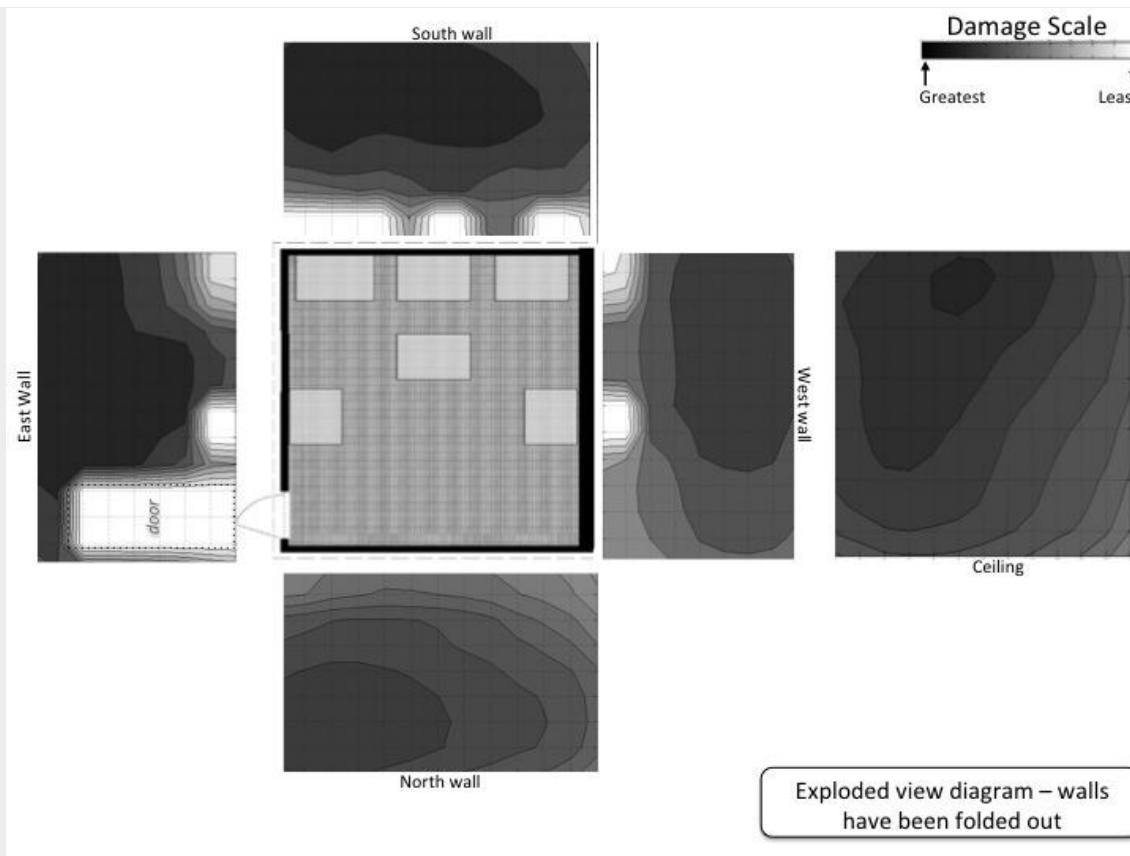


FP1, 4000, 360

**Block 6****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

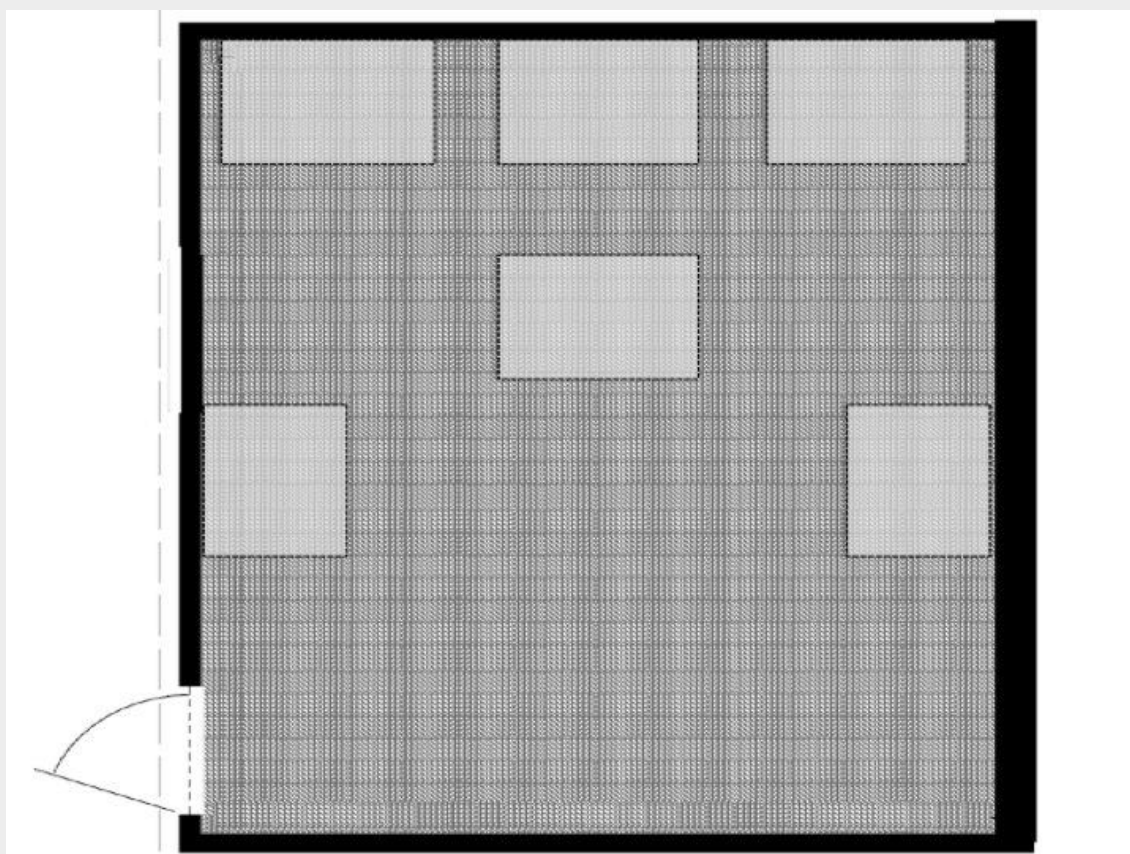
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



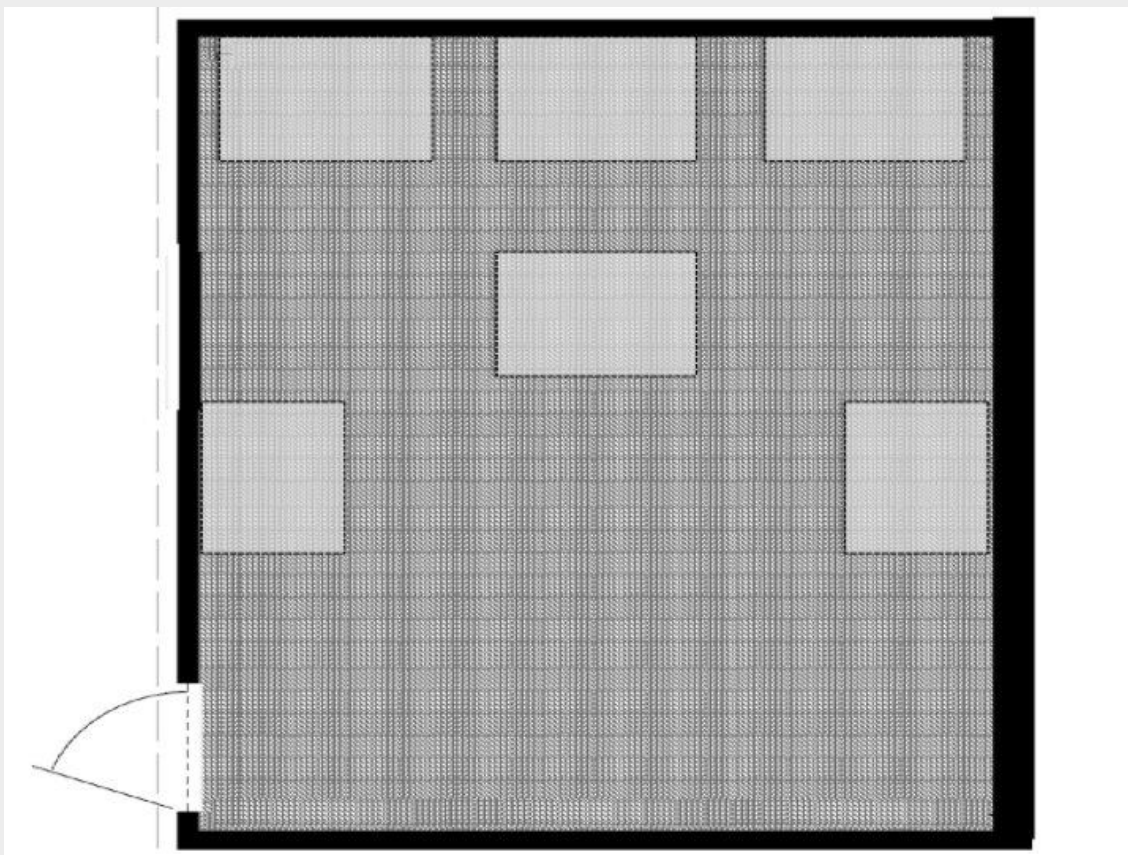
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

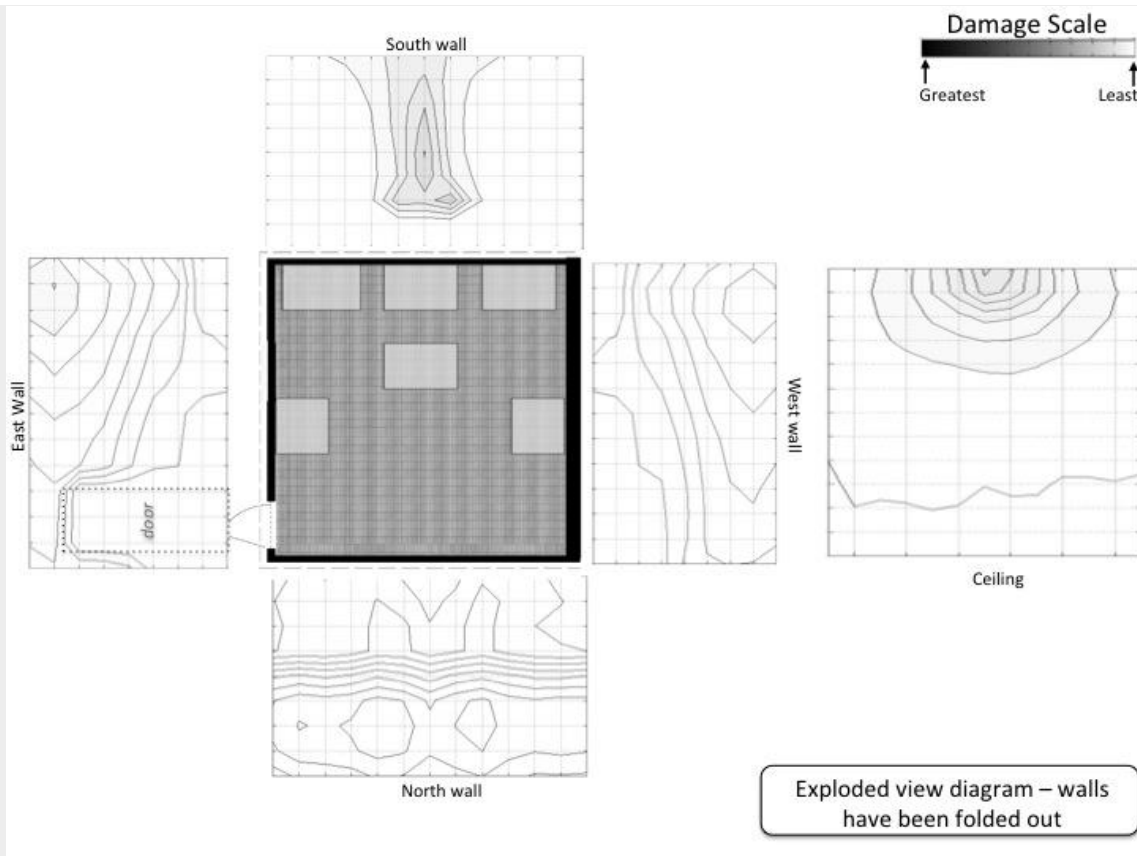


FP1, 4000, 900

**Block 7****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

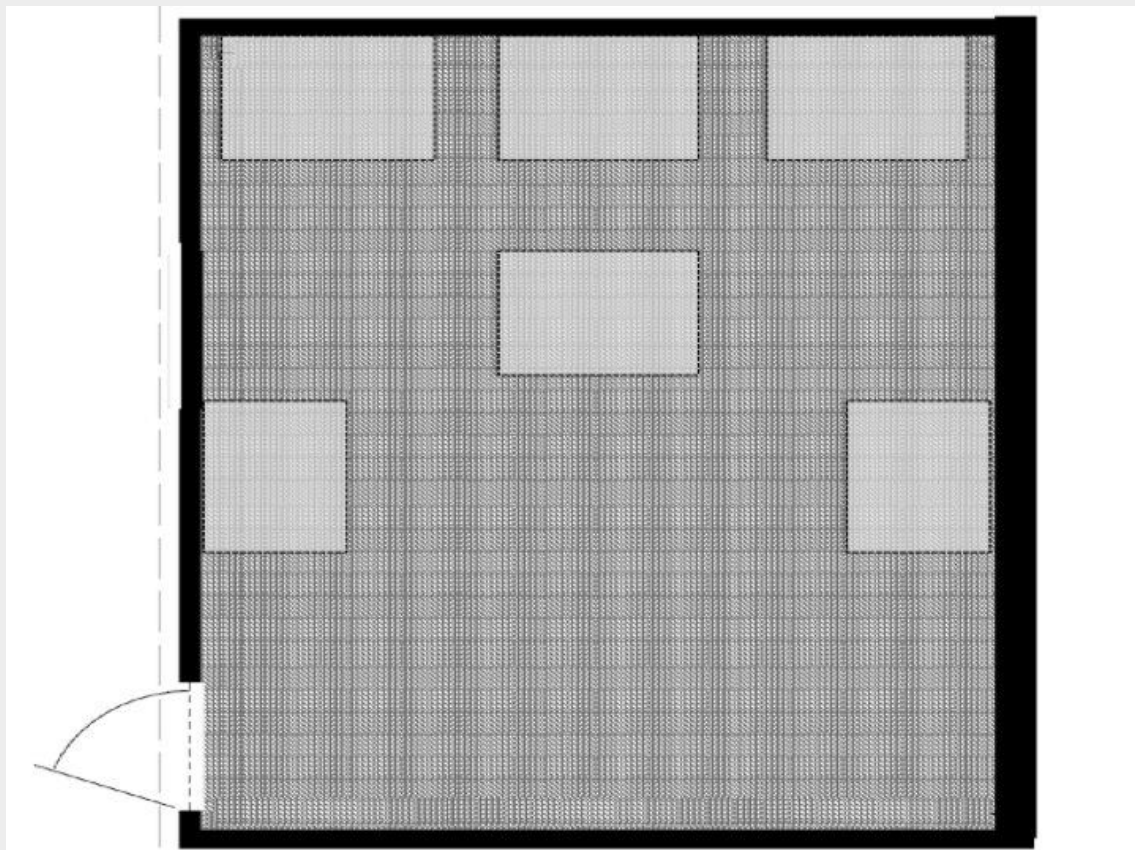
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



### Center of the Area of Origin Determination

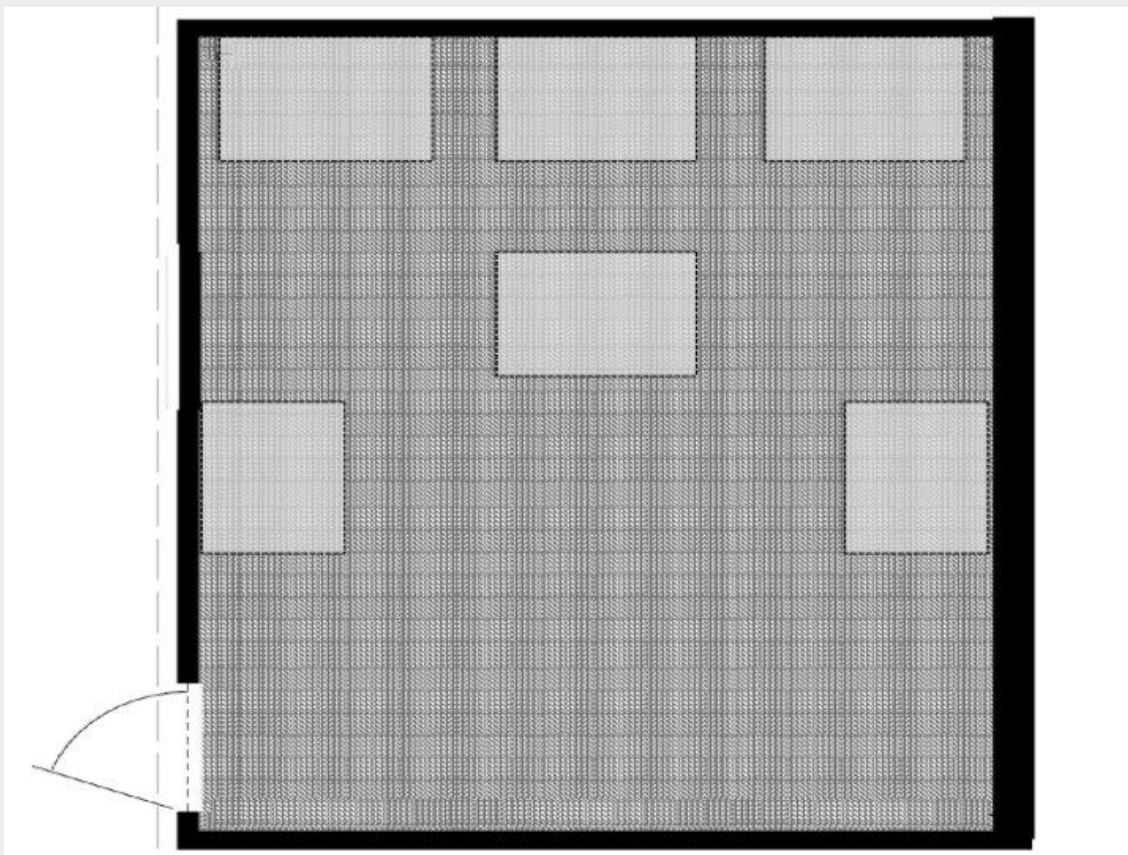
Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.





**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

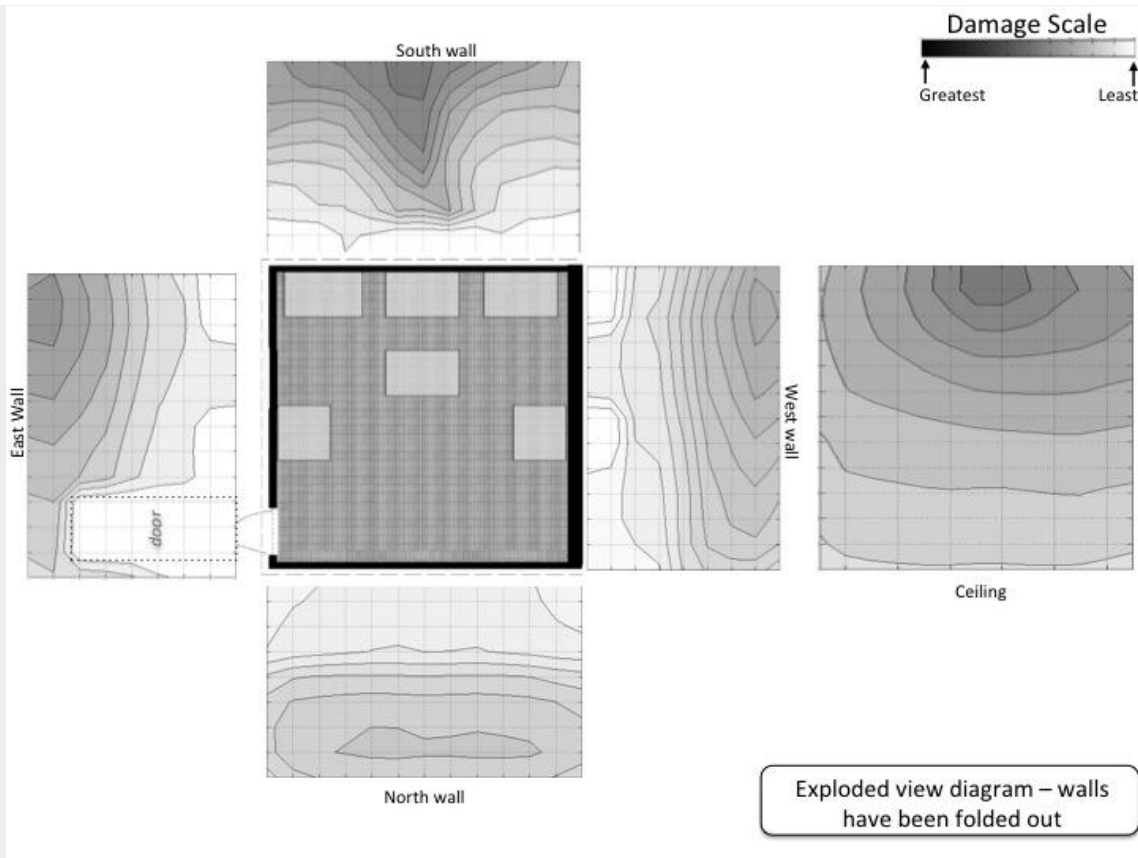


FP2, 1500, 120

**Block 8****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

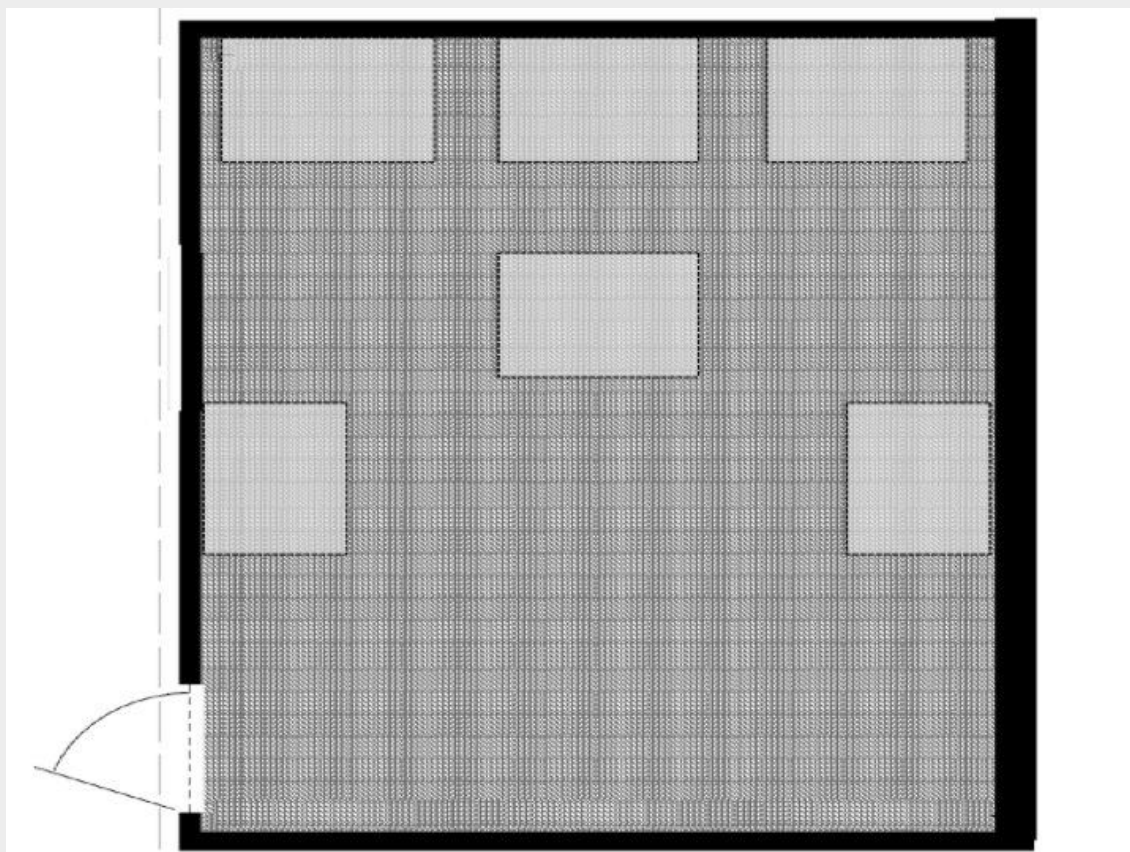
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



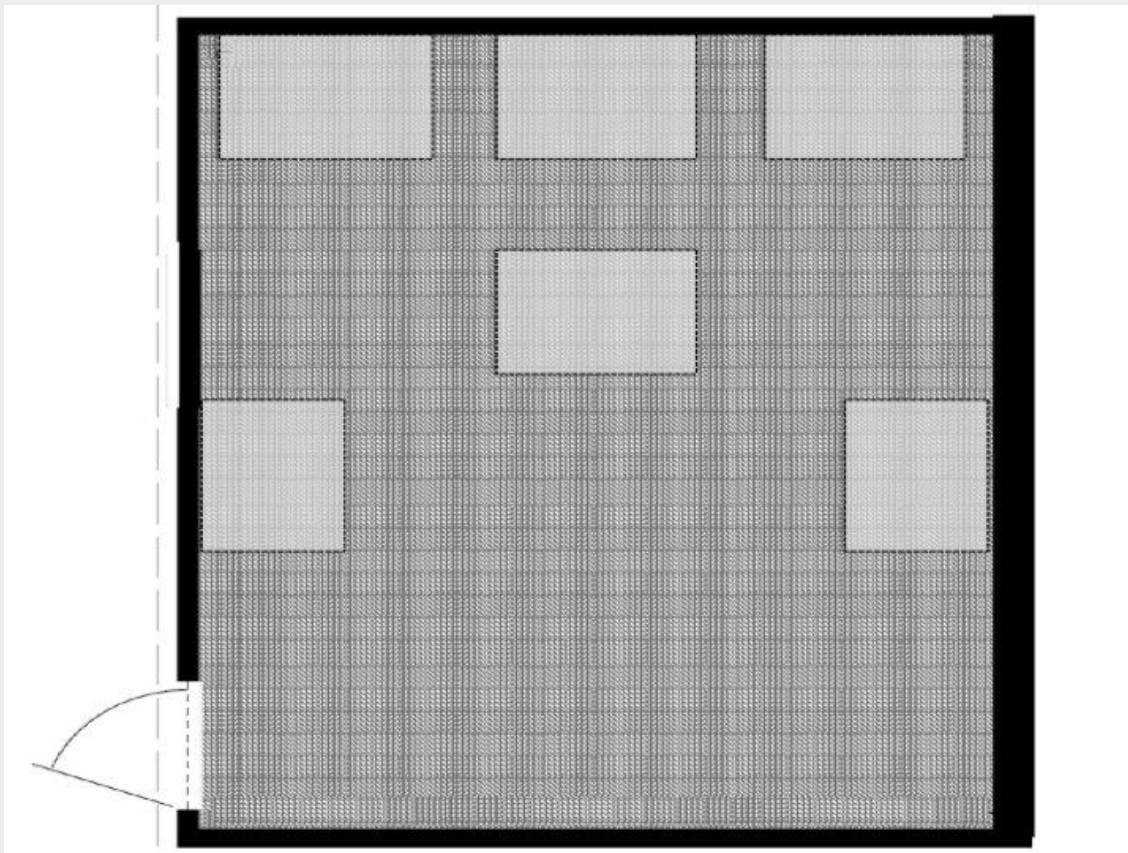
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

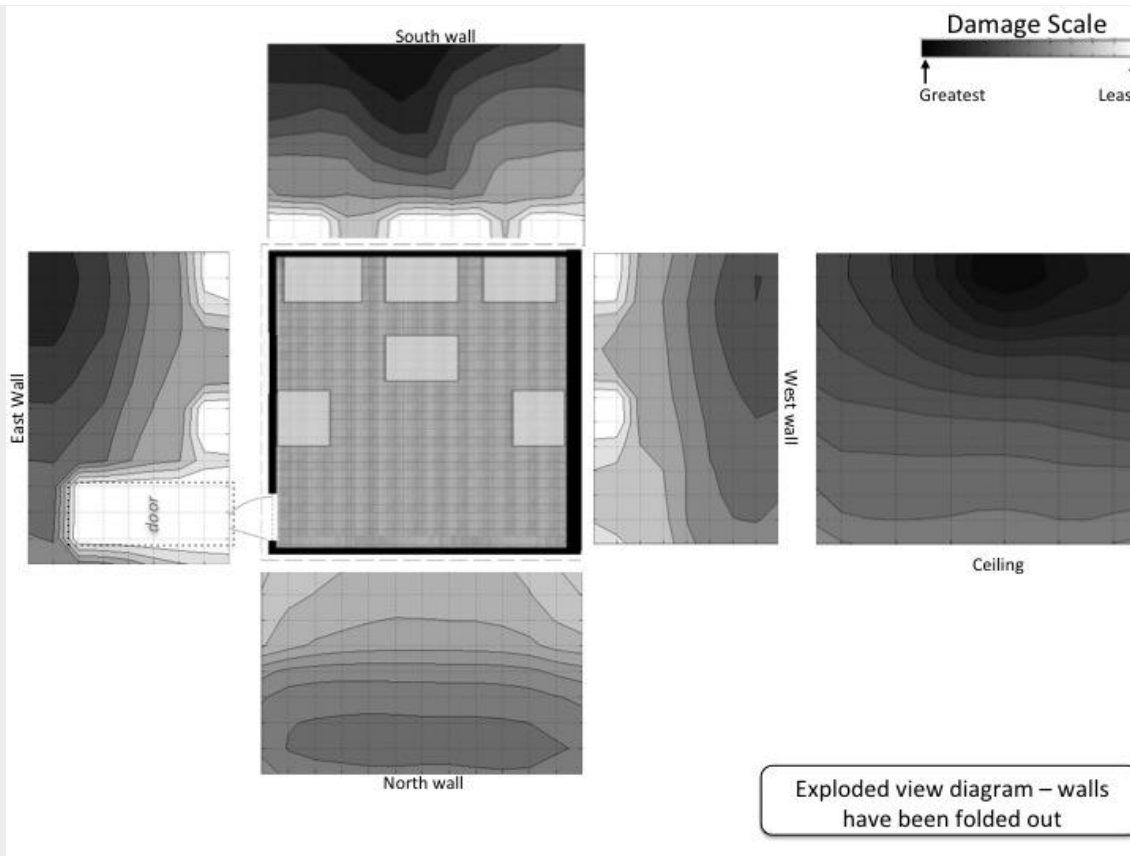


FP2, 1500, 360

**Block 9****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

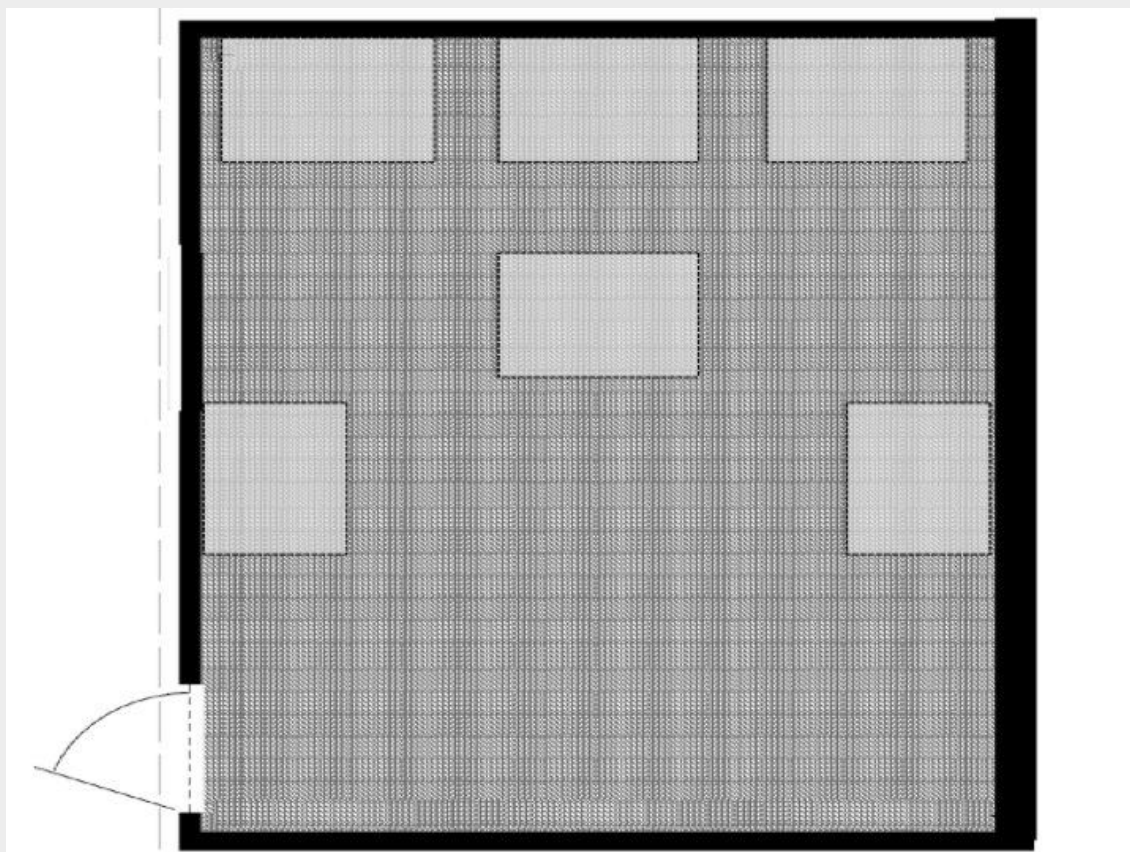
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



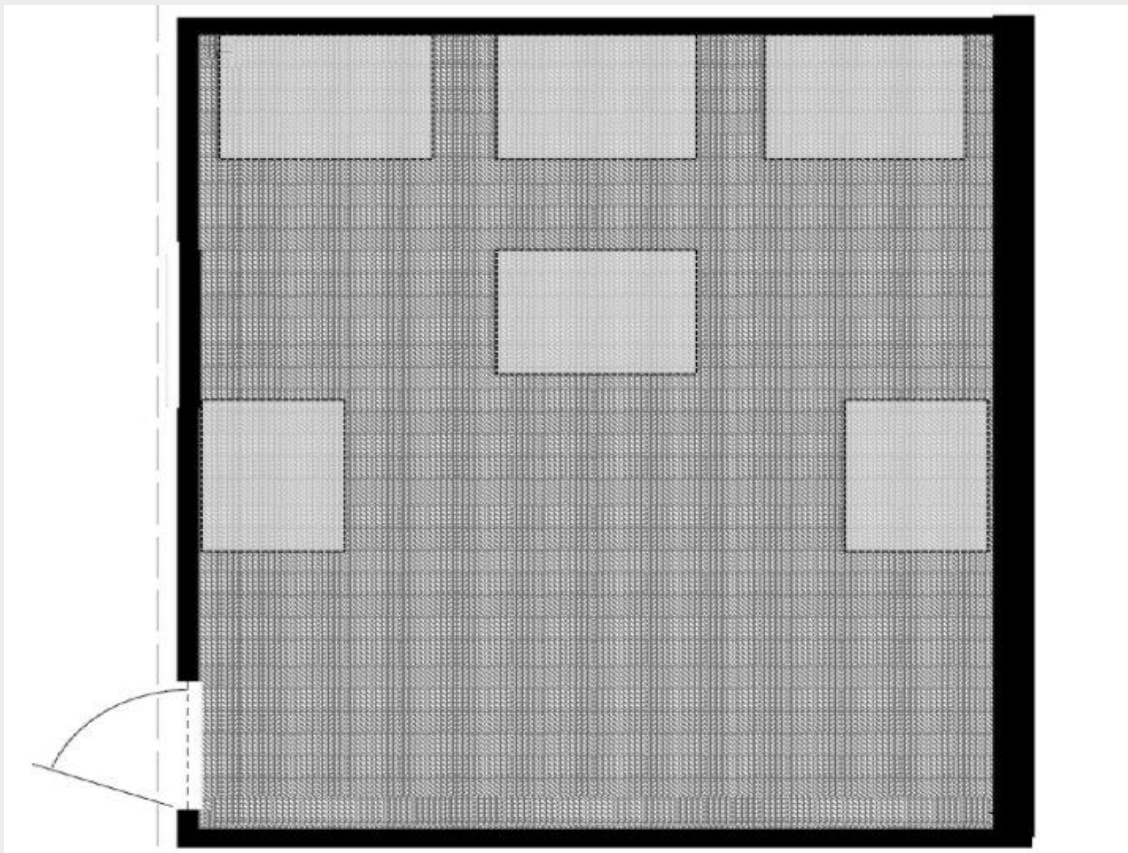
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

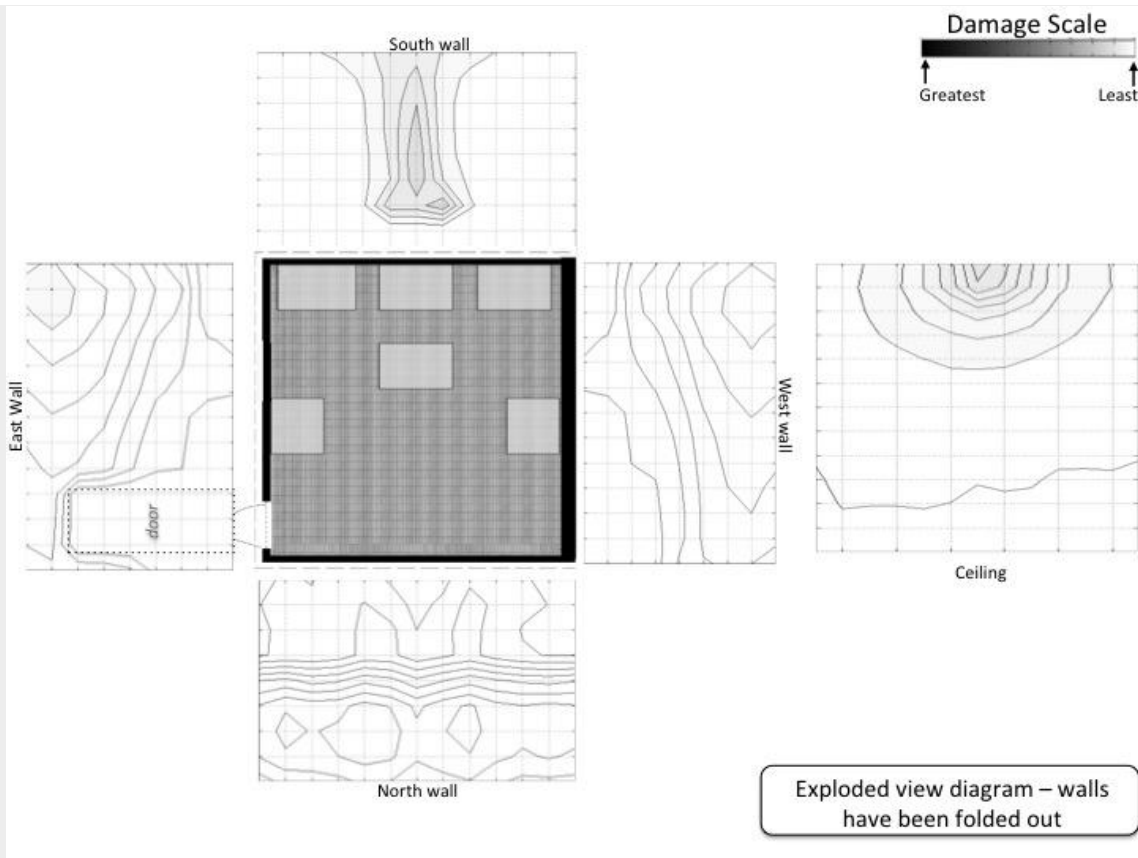


FP2, 1500, 900

**Block 10****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

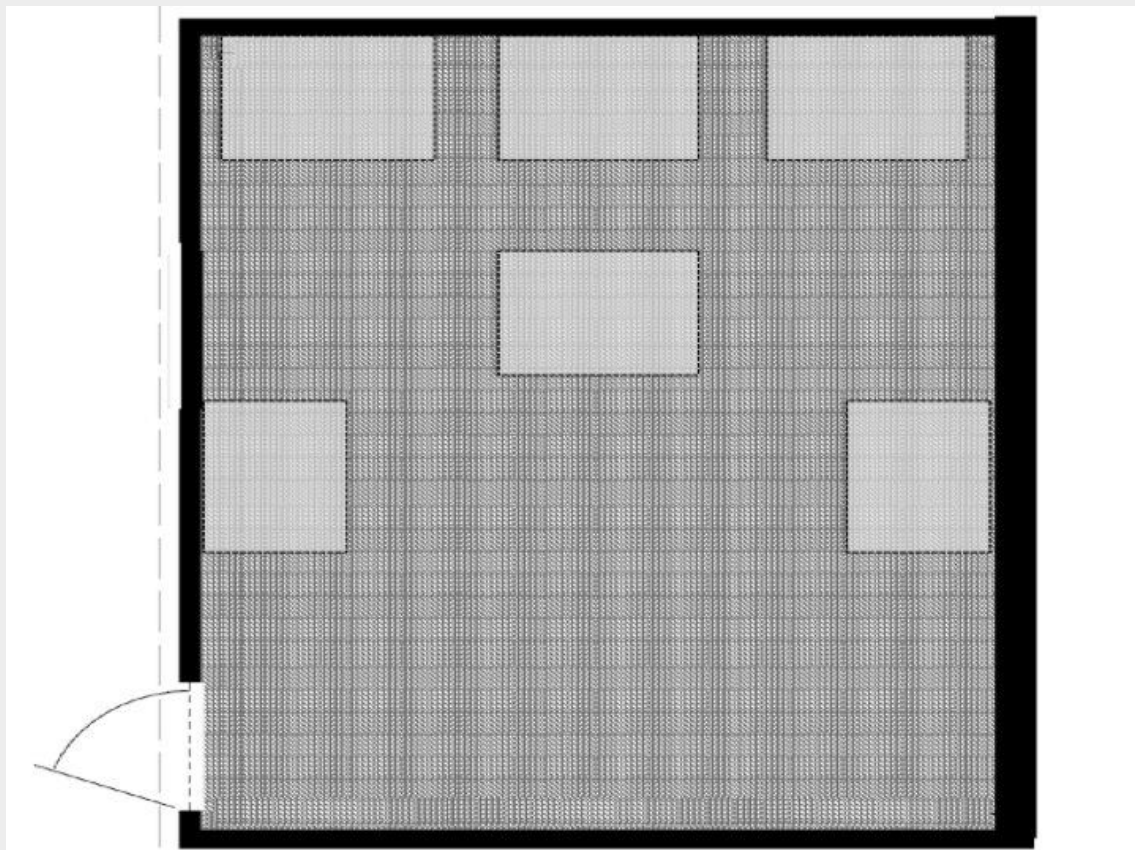
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



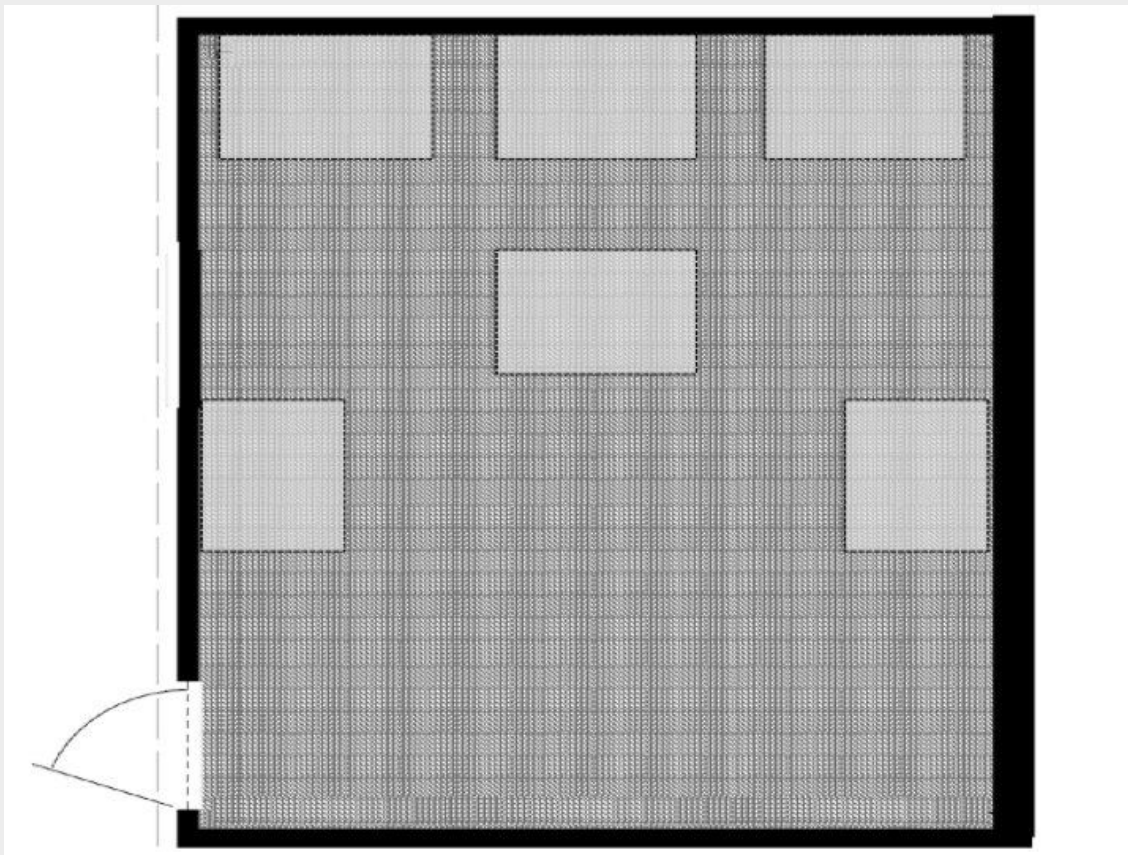
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

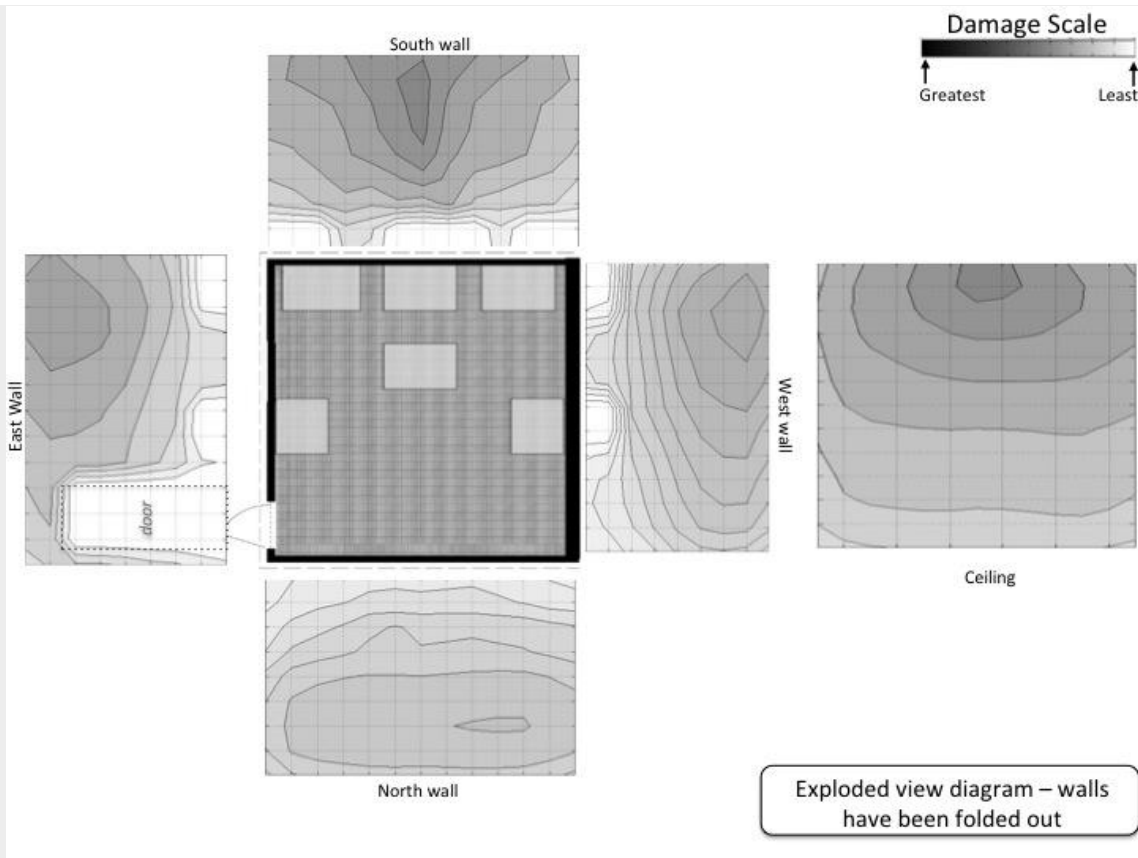


FP2, 4000, 120

**Block 11****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

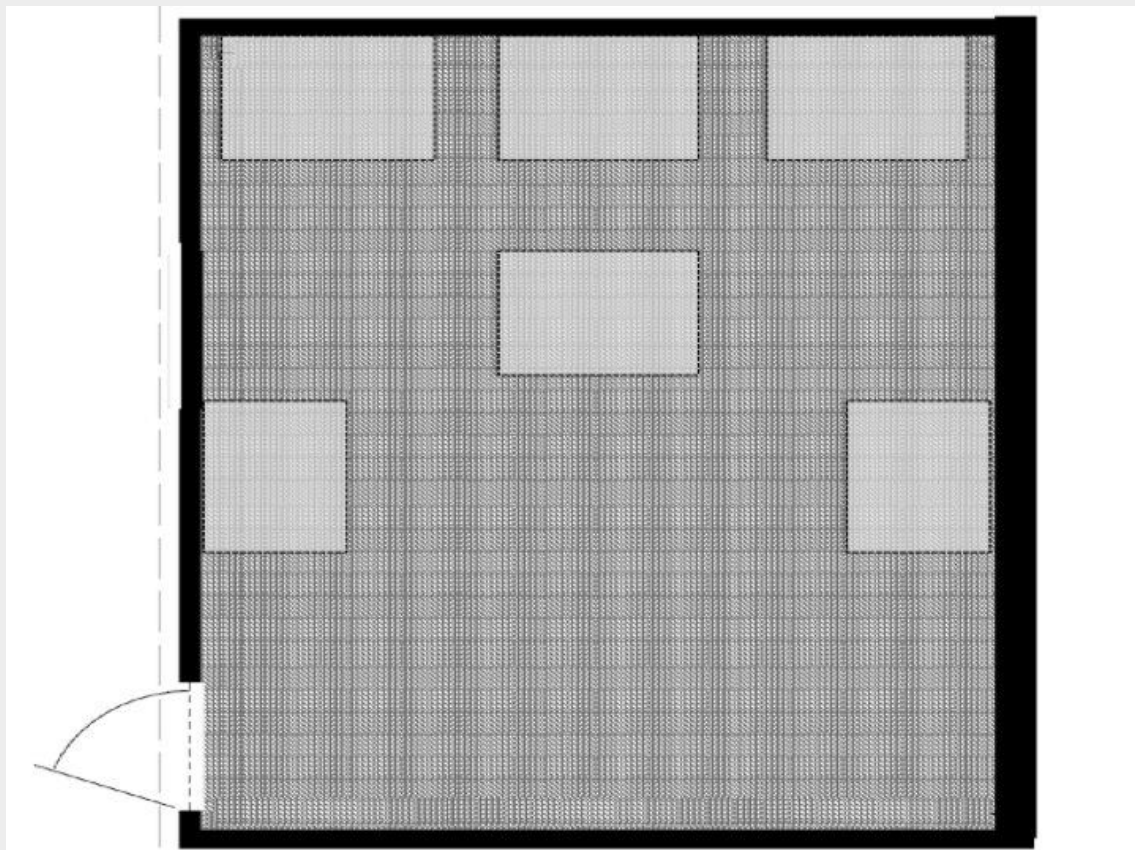
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



### Center of the Area of Origin Determination

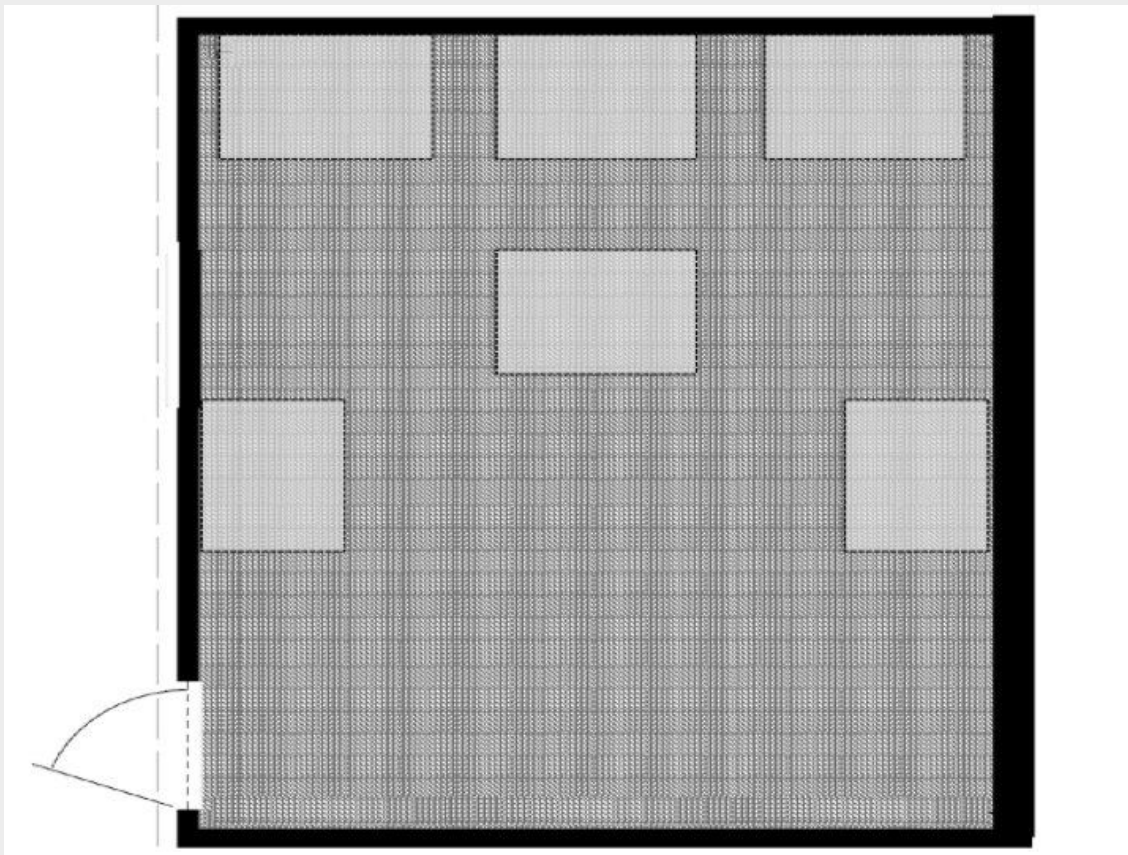
Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.





**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

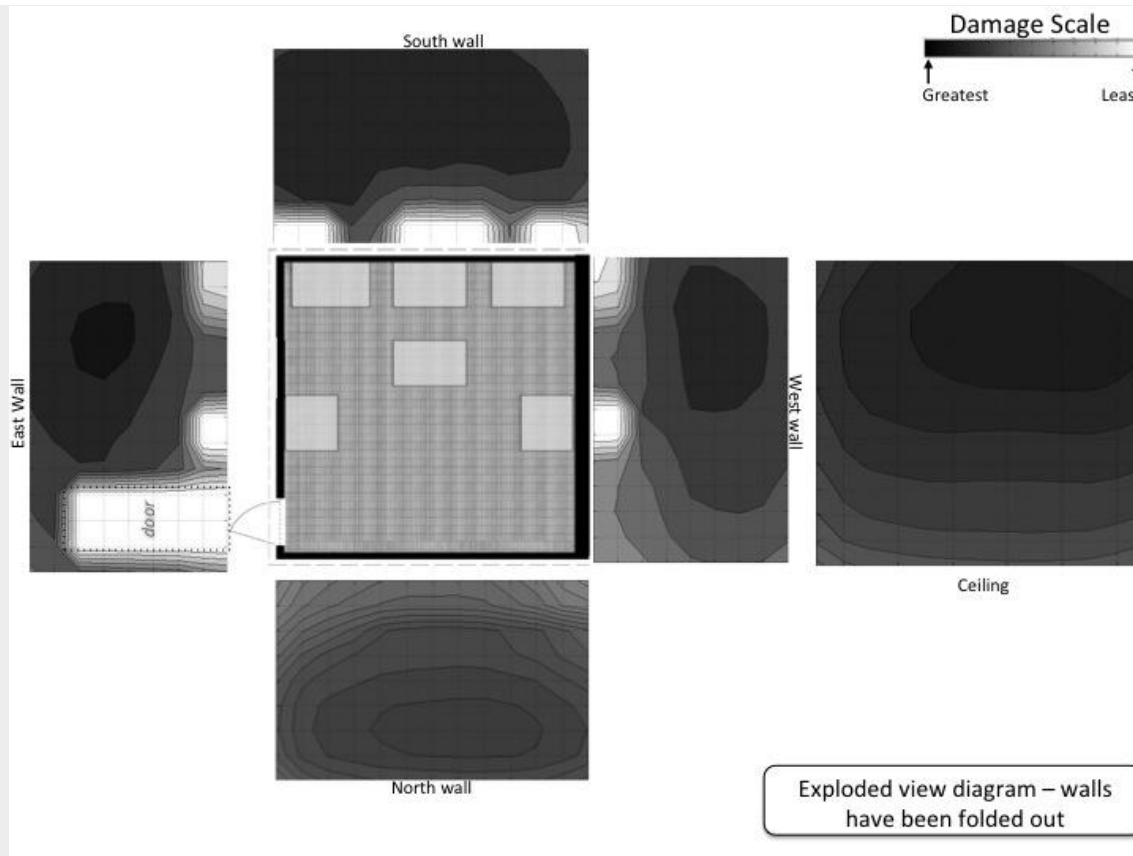


FP2, 4000, 360

**Block 12****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

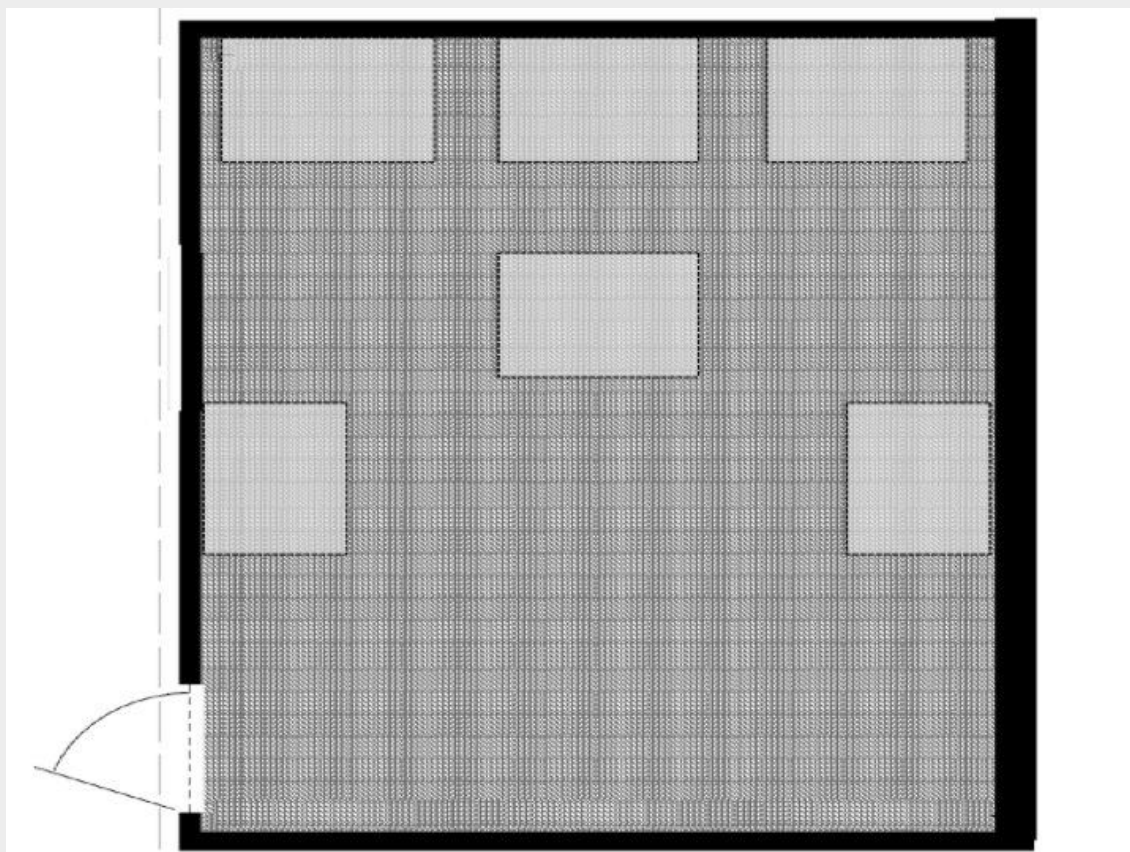
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



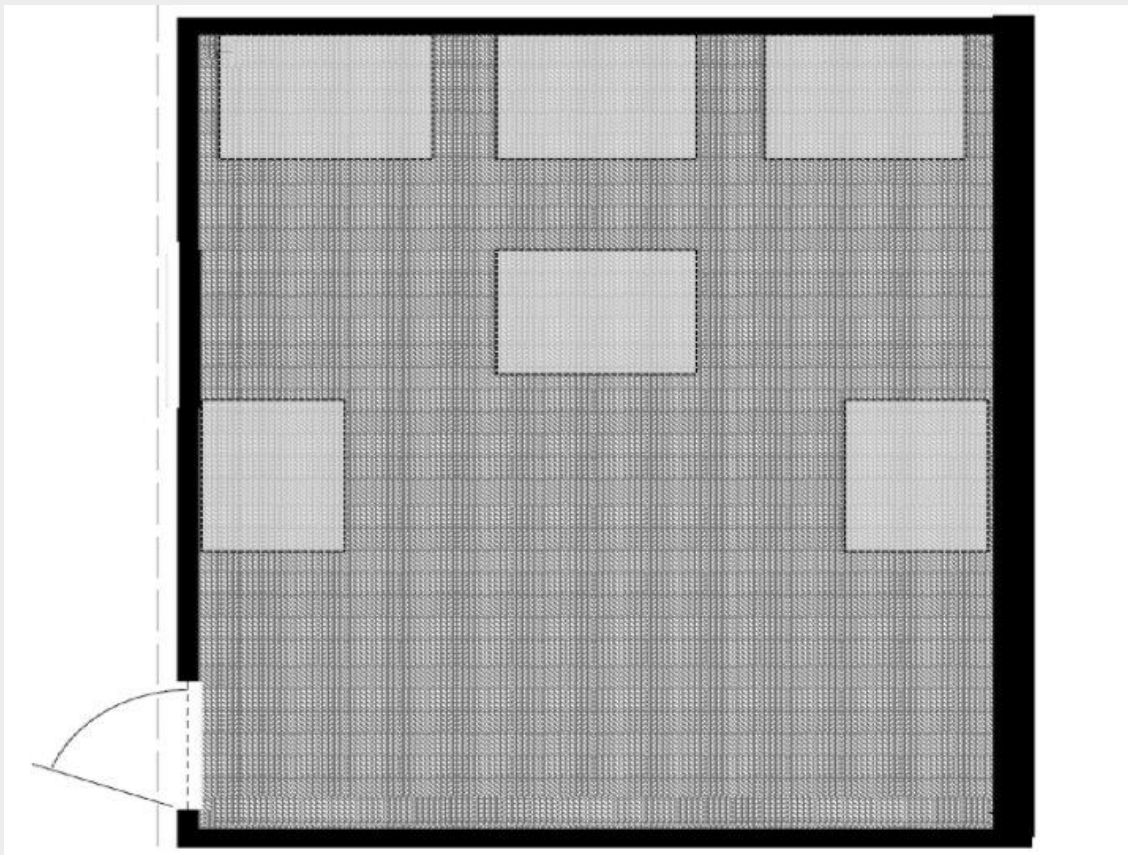
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

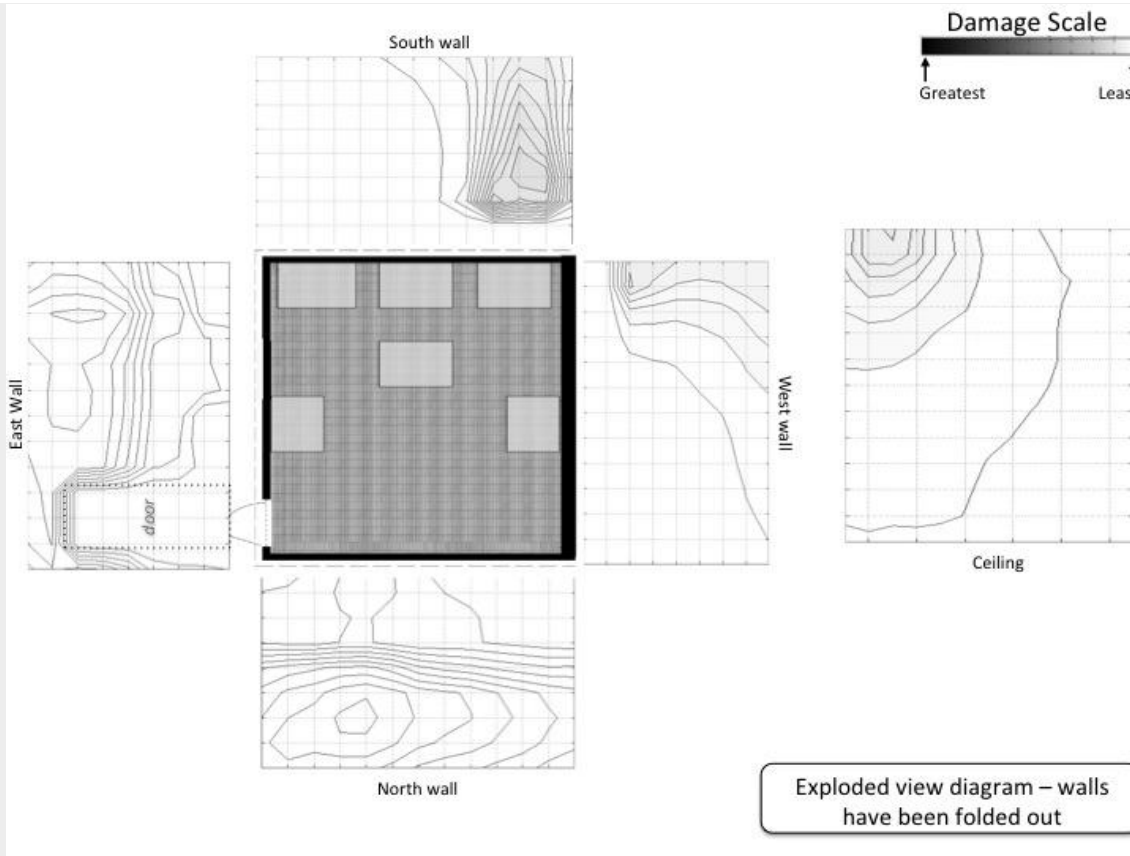


FP2, 4000, 900

**Block 13****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

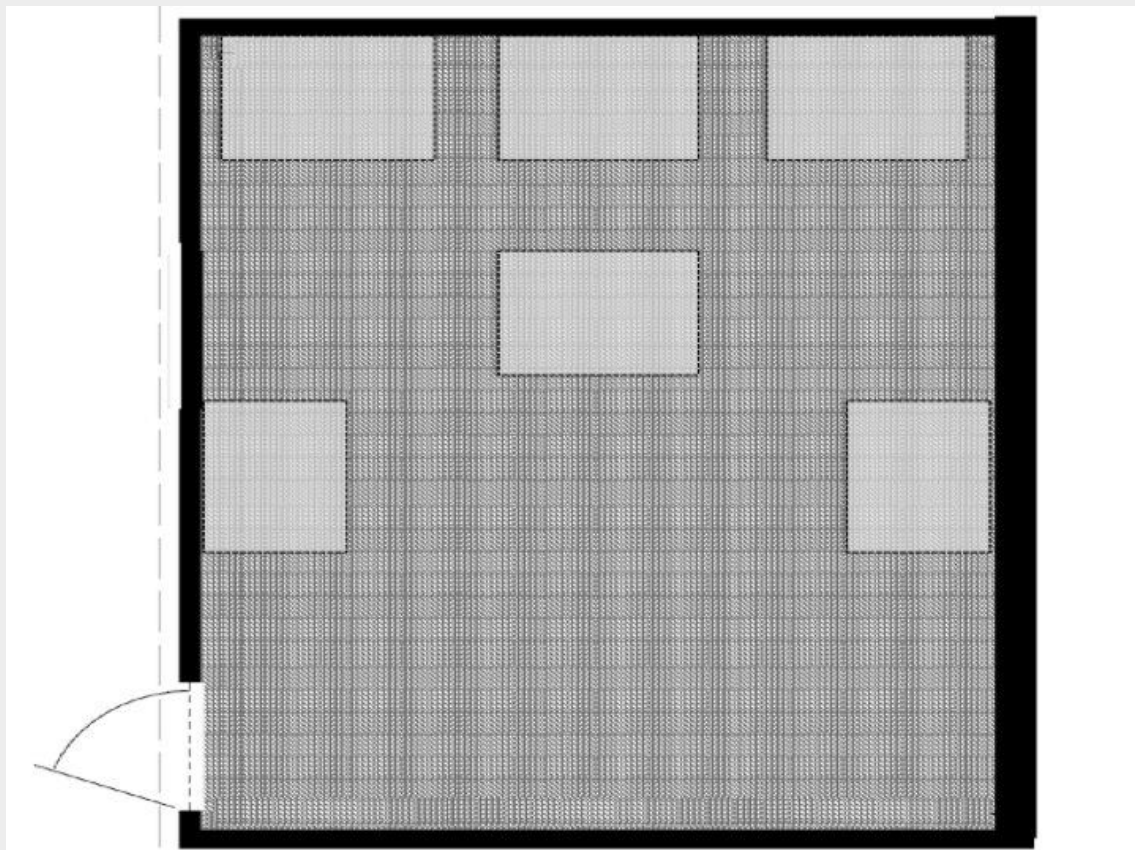
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



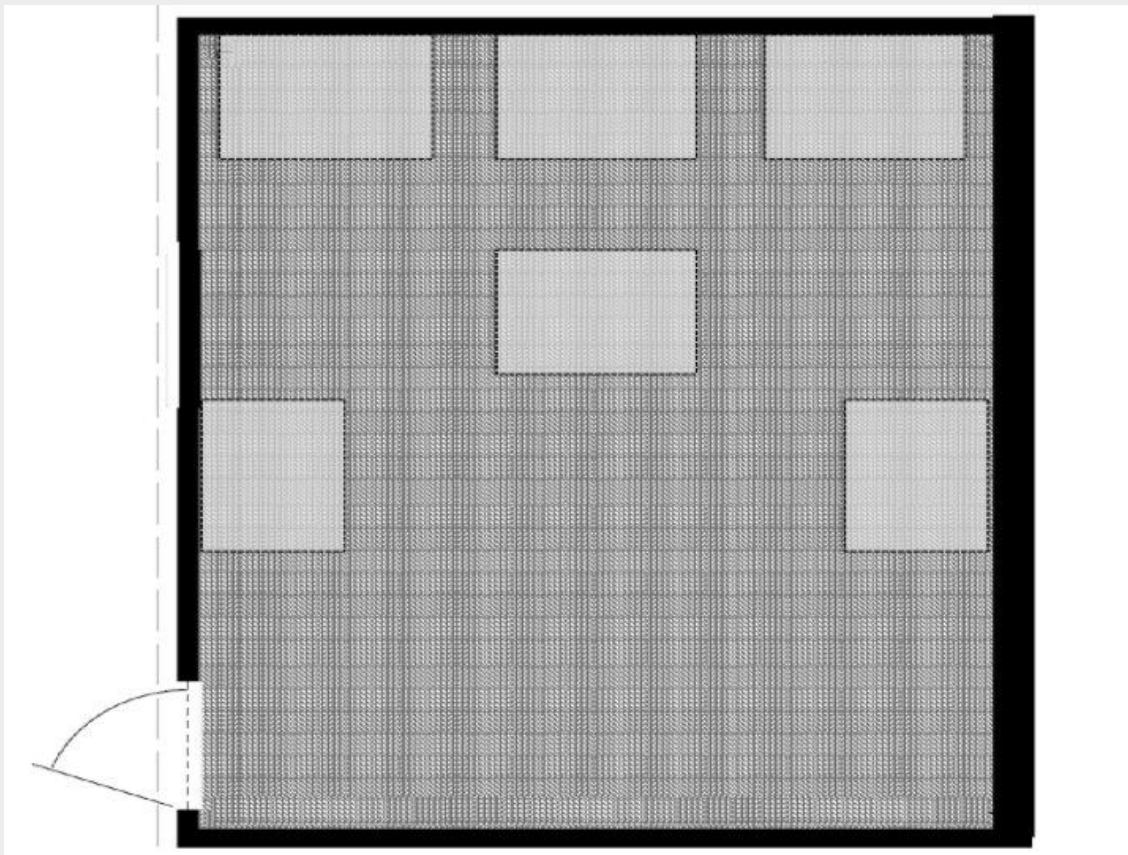
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

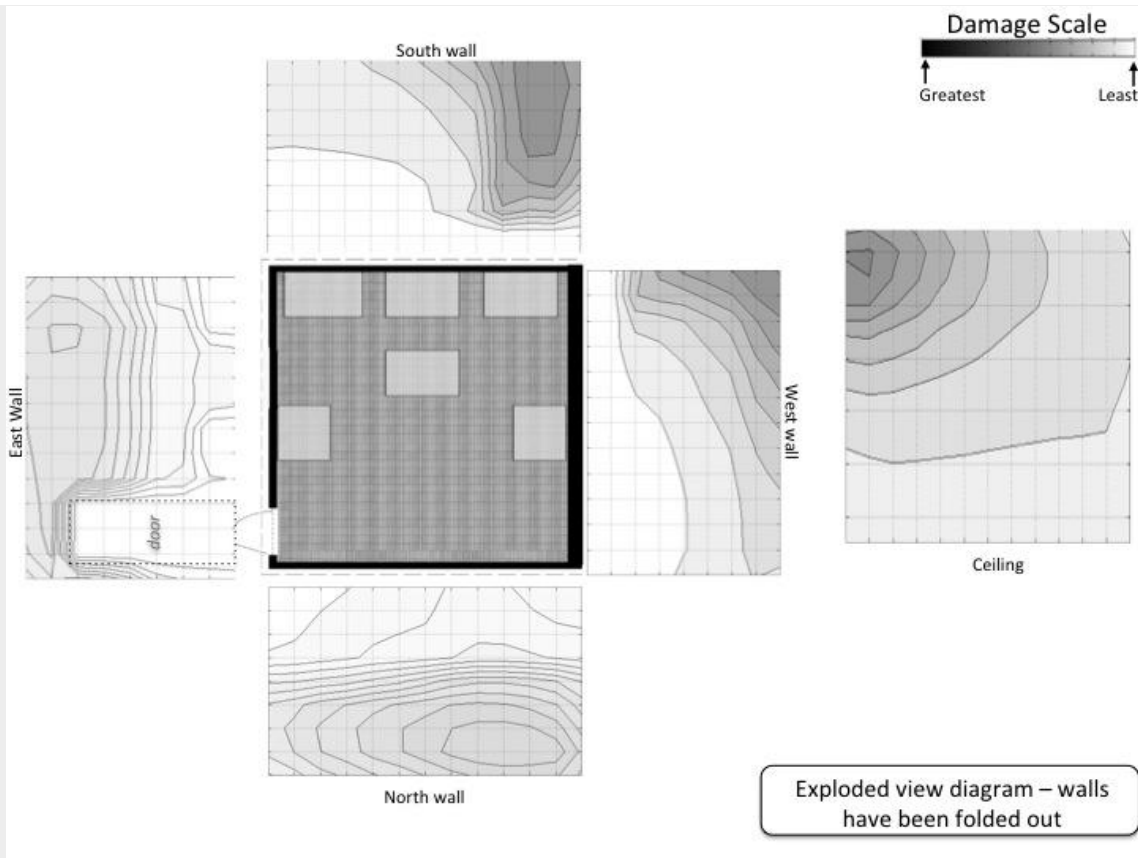


FP3, 1500, 120

**Block 14****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

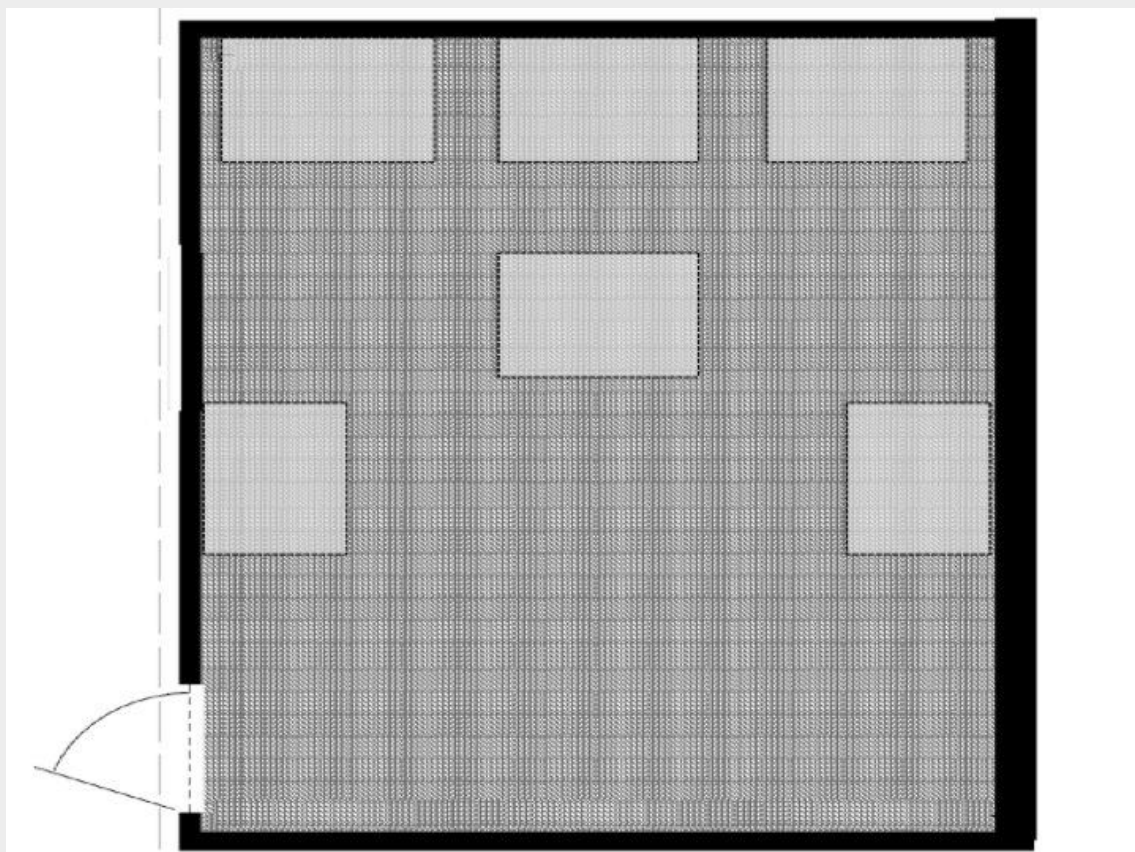
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



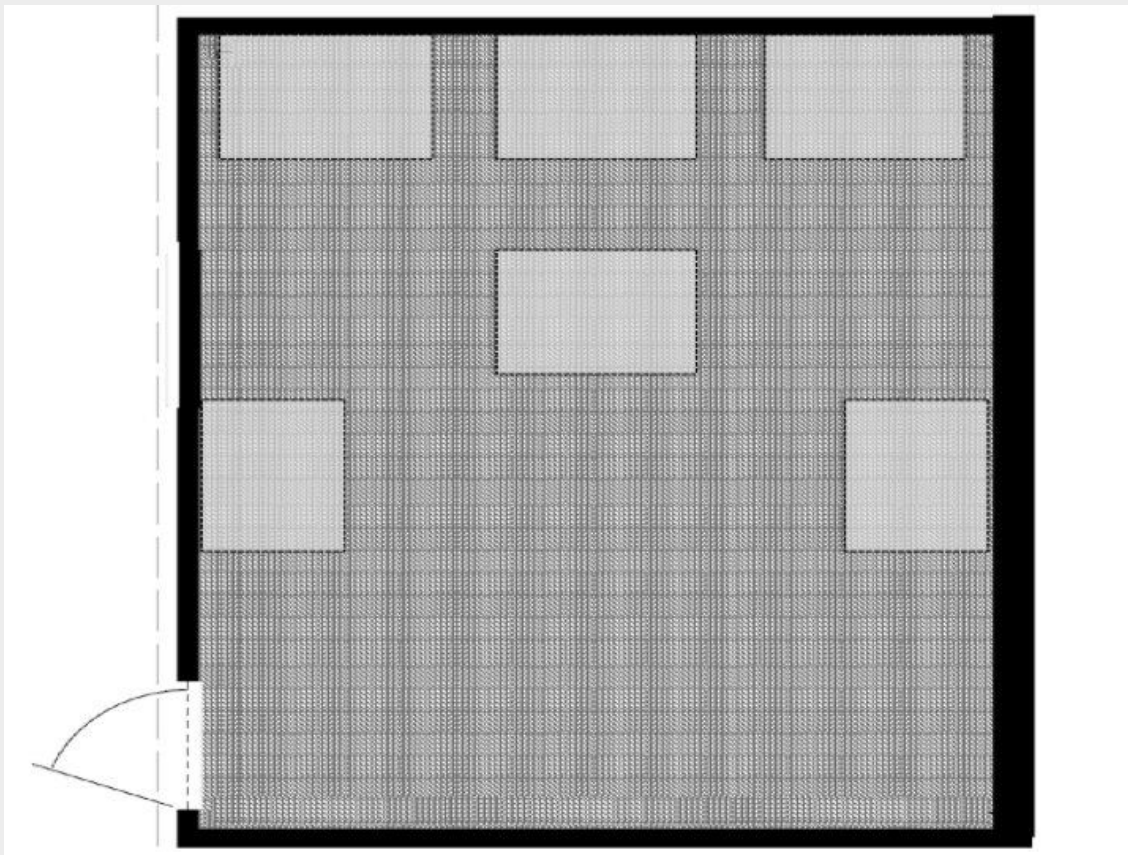
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

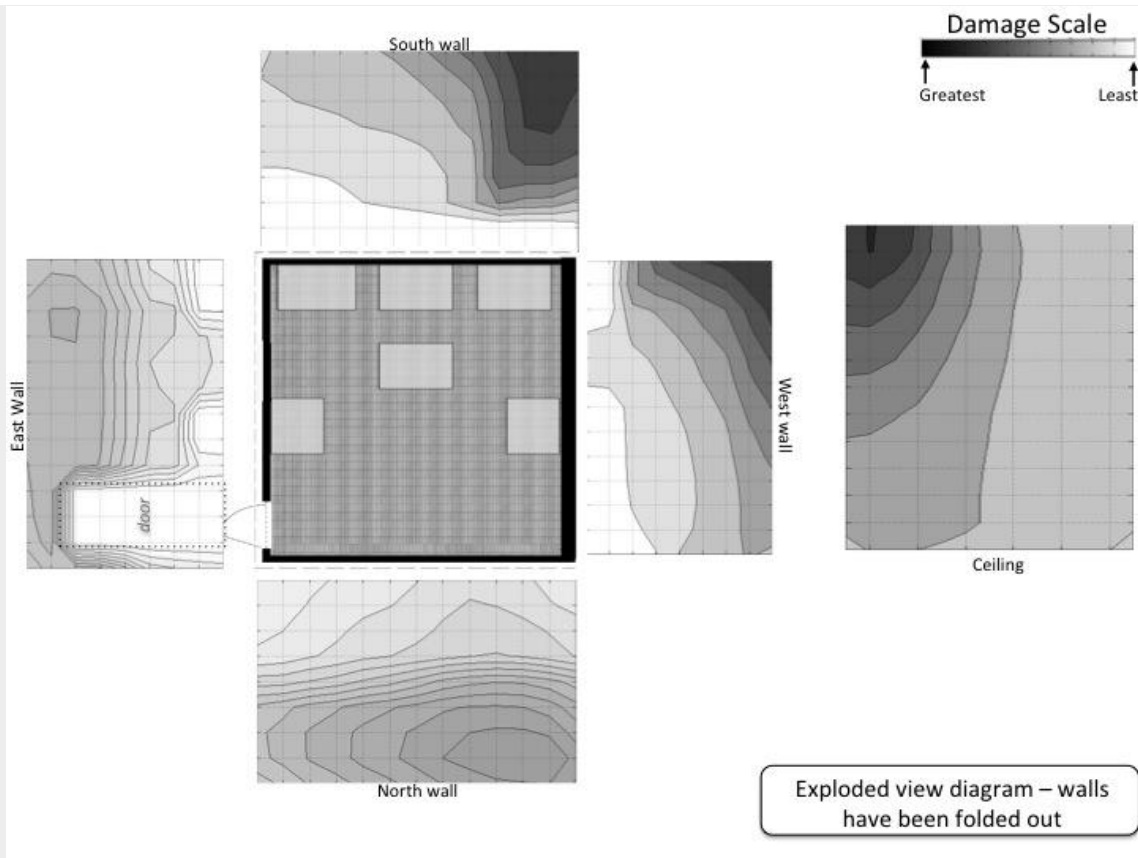


FP3, 1500, 360

**Block 15****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

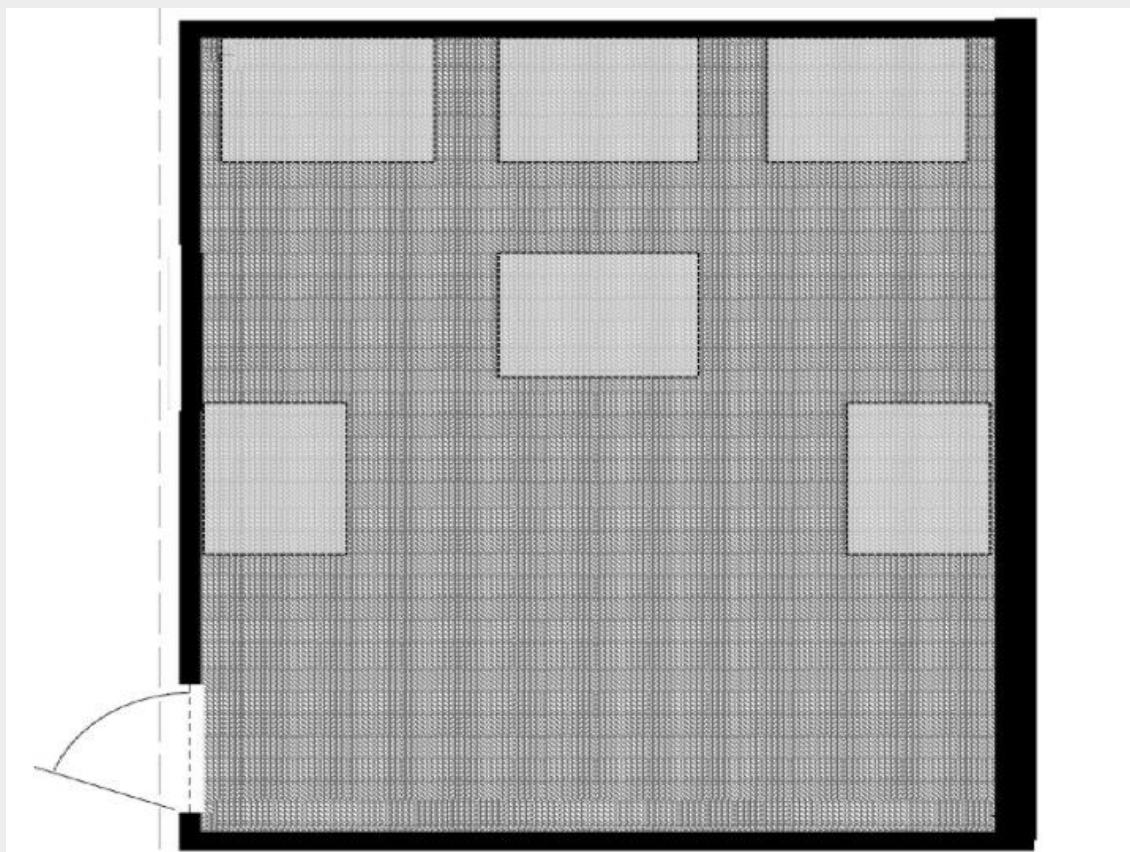
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



### Center of the Area of Origin Determination

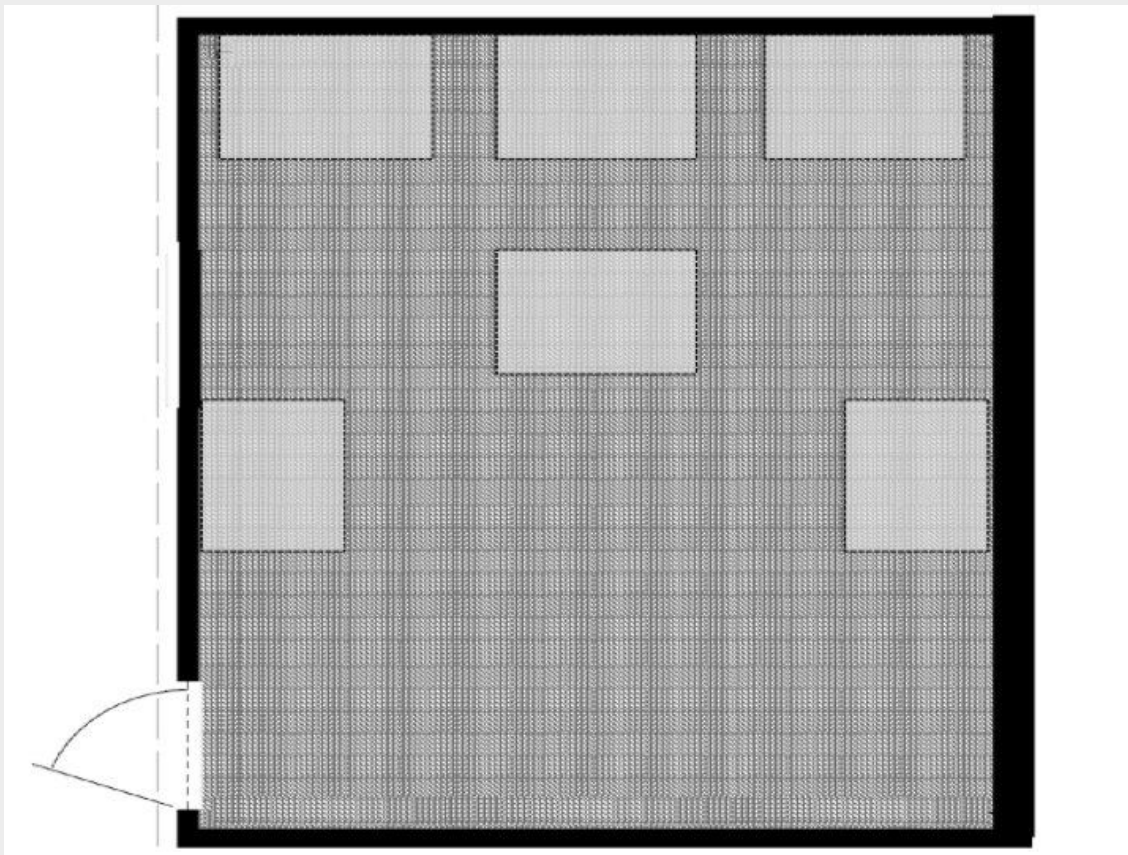
Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.





**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

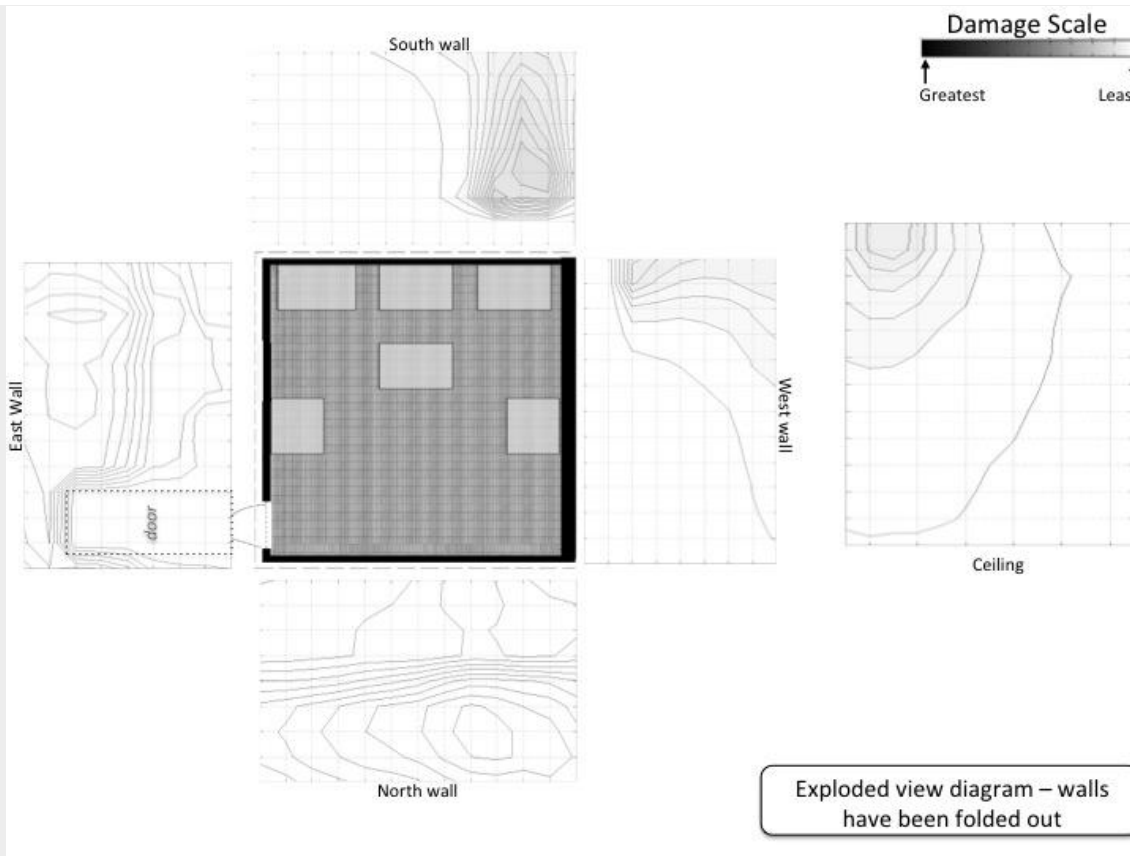


FP3, 1500, 900

**Block 16****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

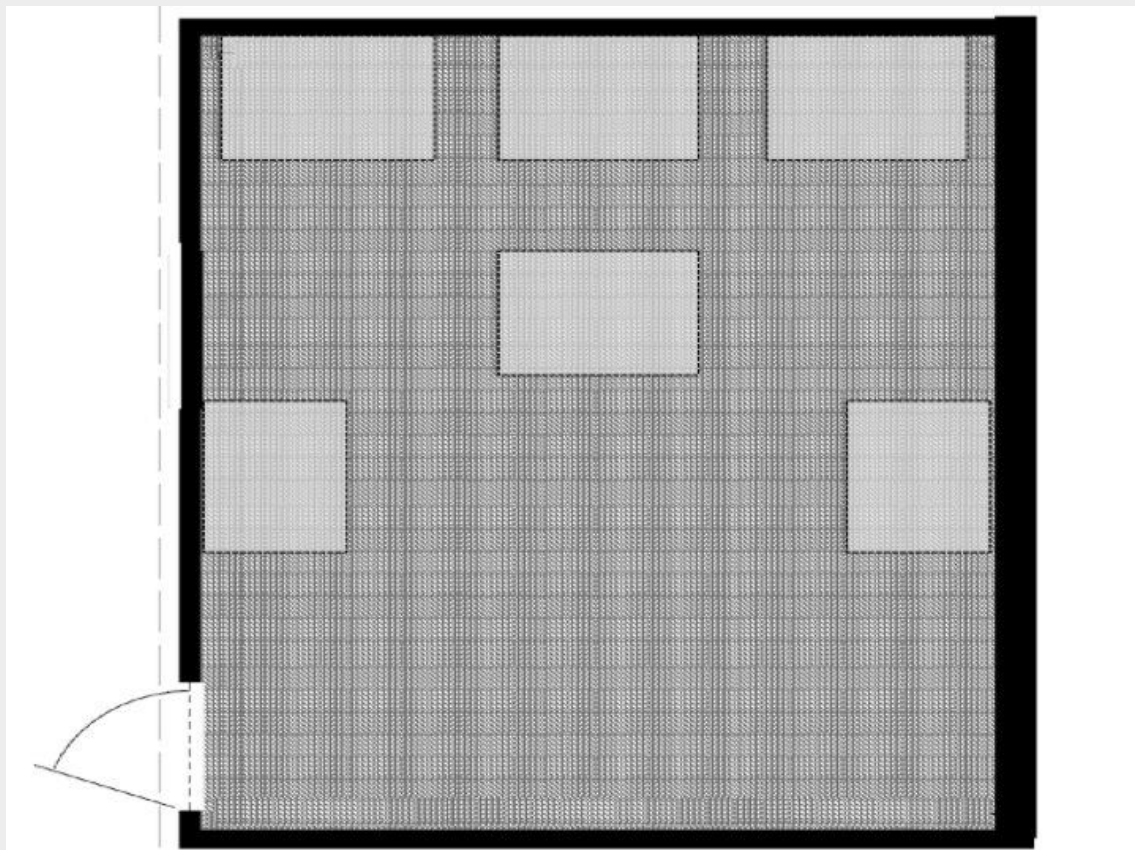
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



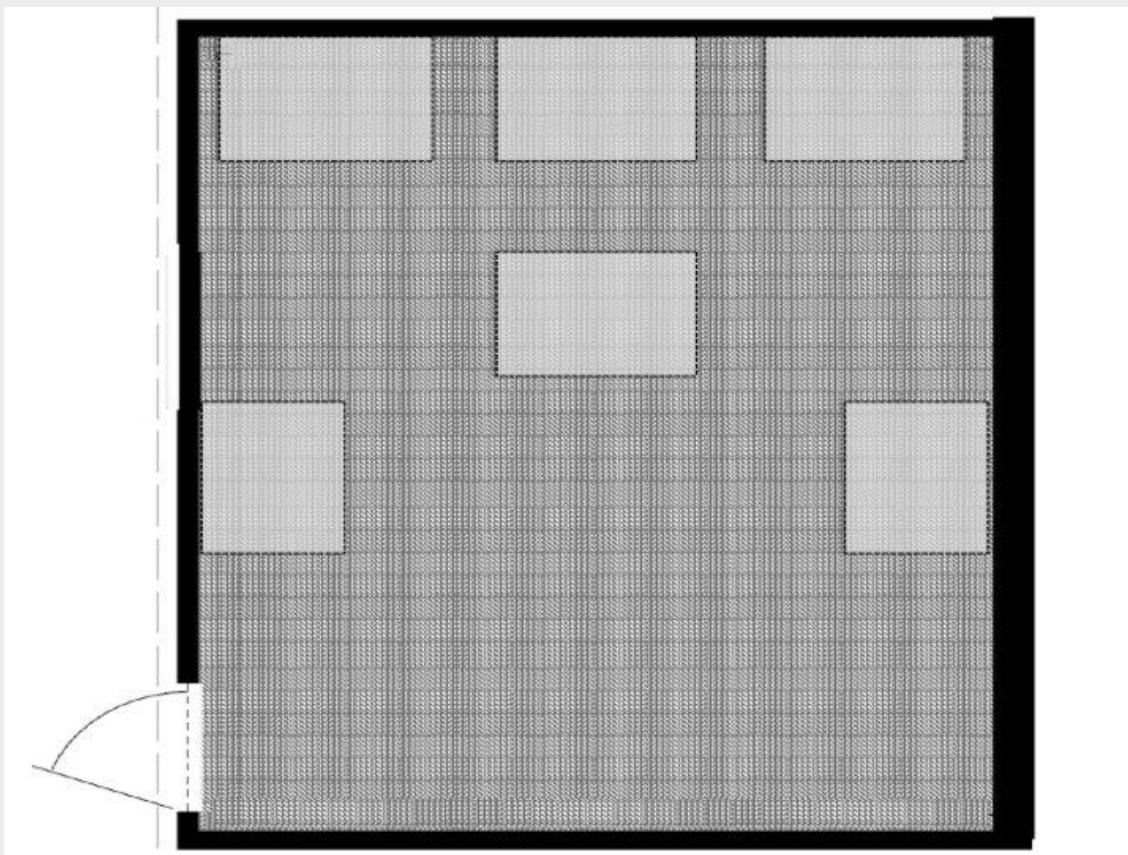
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



FP3, 4000, 120

**Attention Check Block**

Recent research on decision making shows that choices are affected by context. Differences in how people feel, their previous knowledge and experience, and their environment can affect choices. To help us understand how people make decisions, we are interested in information about you. Specifically, we are interested in whether you actually take the time to read the directions; if not, some results may not tell us very much about decision making in the real world. To show that you have read the instructions, please ignore the question below about how you are feeling and instead check only the "none of the above" option as your answer.

Please check all of the words that describe how you are feeling.

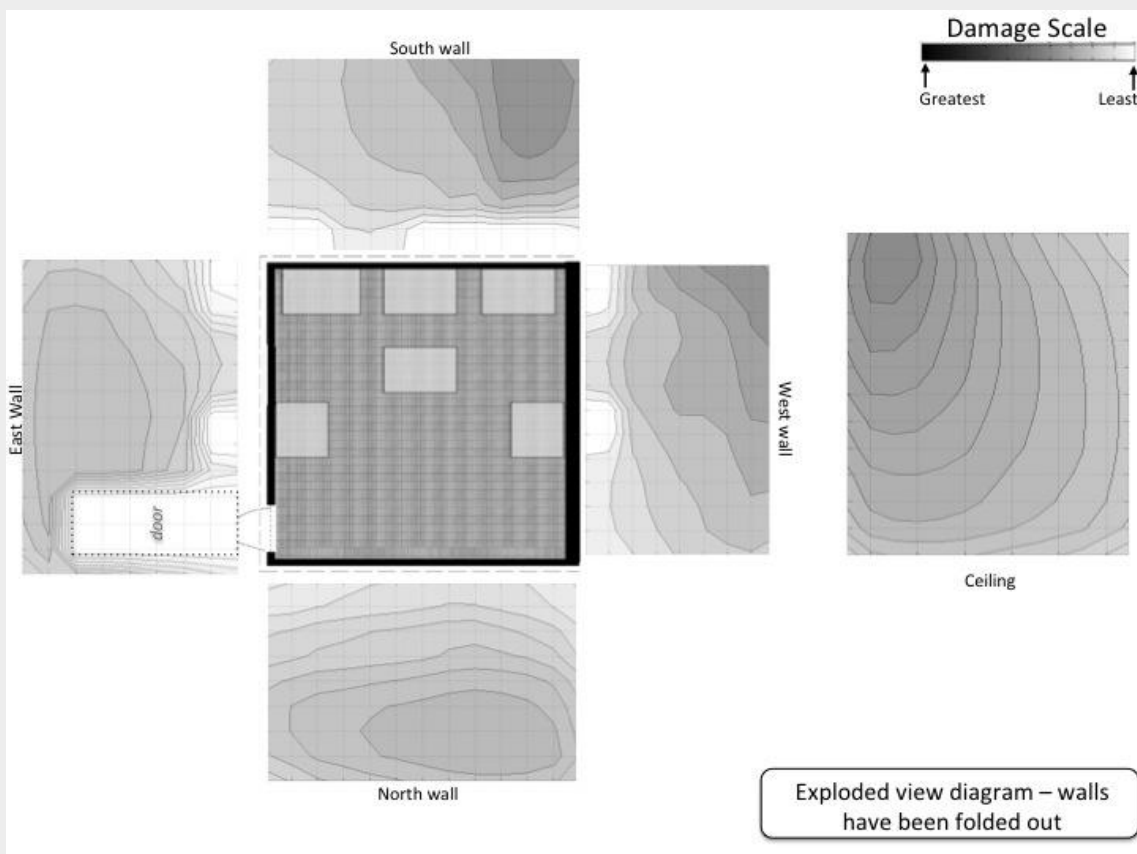
- |            |              |                   |
|------------|--------------|-------------------|
| Interested | Hostile      | Nervous           |
| Distressed | Enthusiastic | Determined        |
| Excited    | Proud        | Attentive         |
| Upset      | Irritable    | Happy             |
| Strong     | Alert        | Active            |
| Guilty     | Ashamed      | Afraid            |
| Scared     | Inspired     | None of the above |

## Block 17

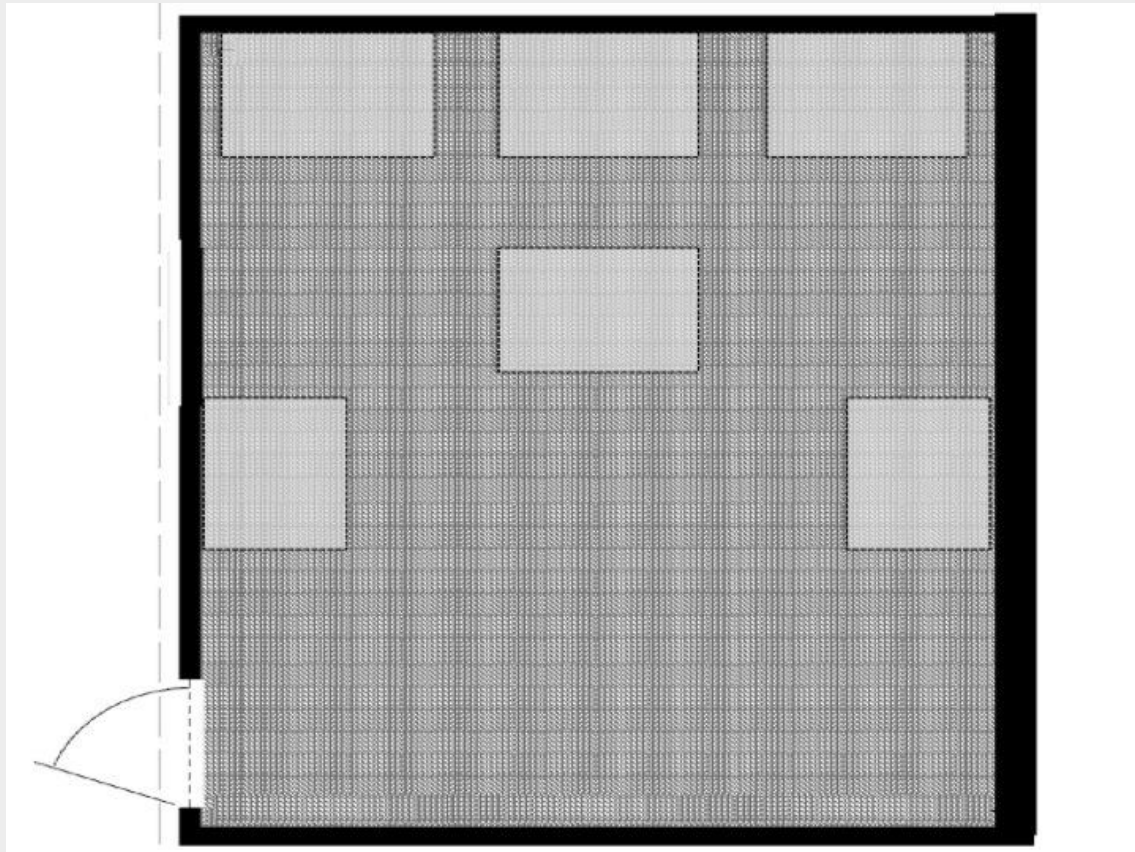
**CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.

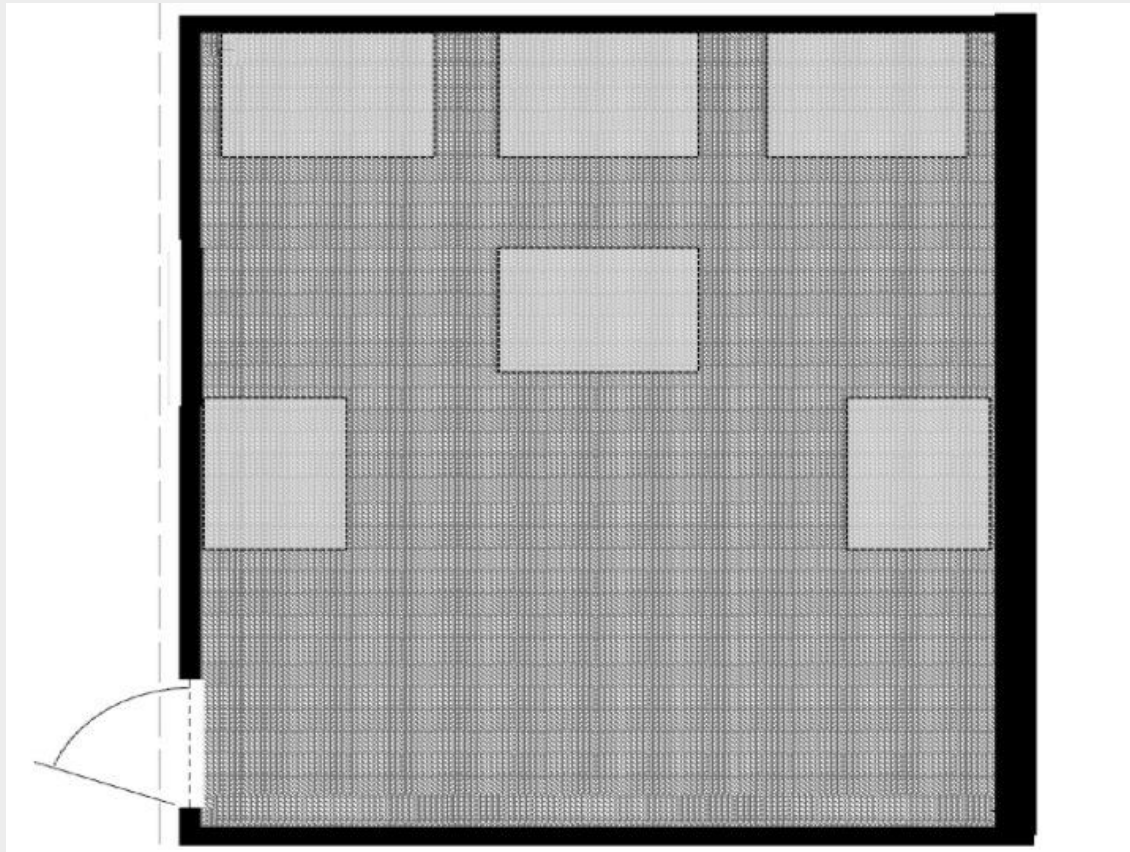
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



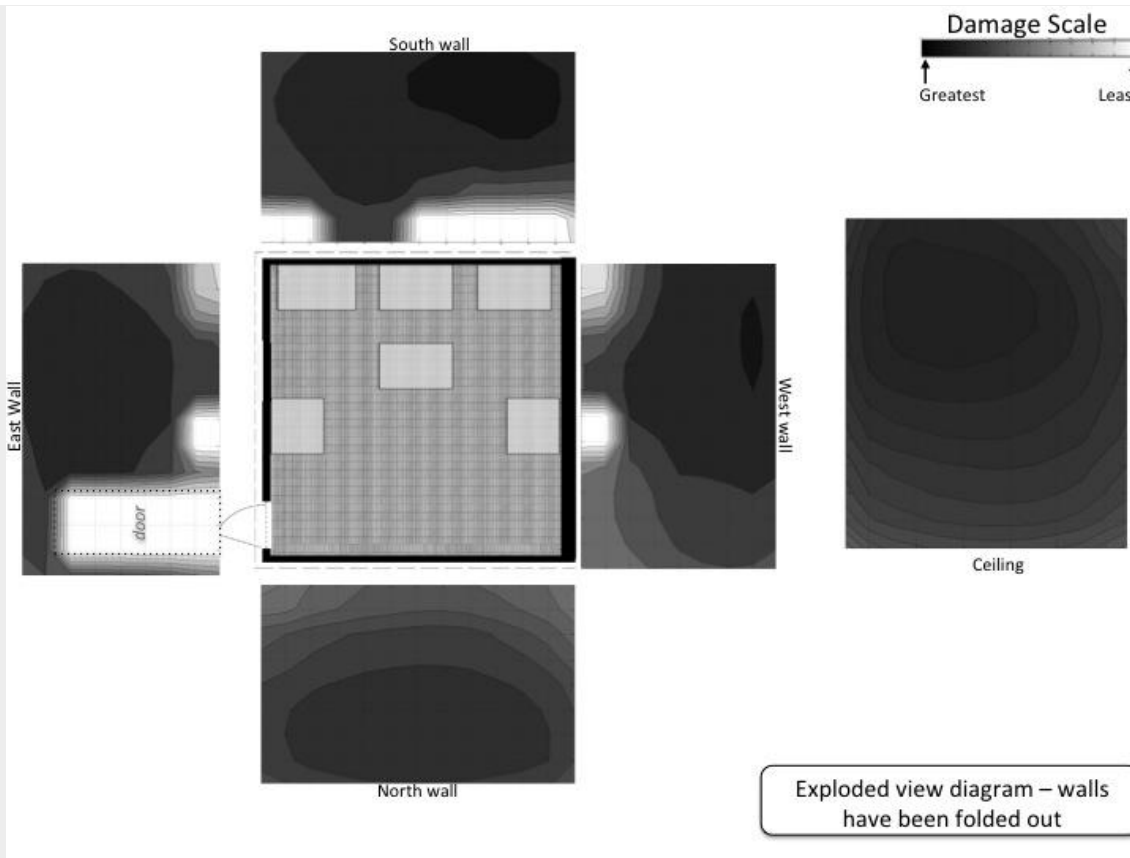
FP3, 4000, 360

### Block 18

#### **CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

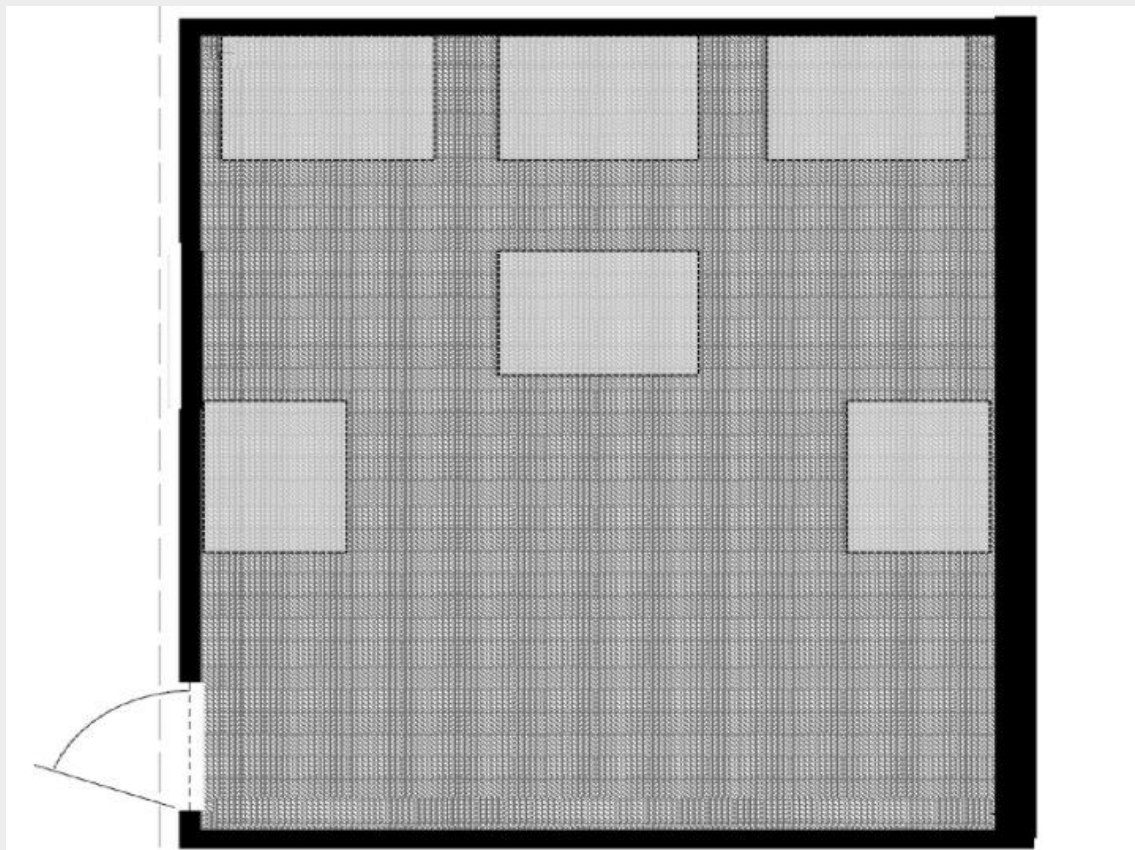
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



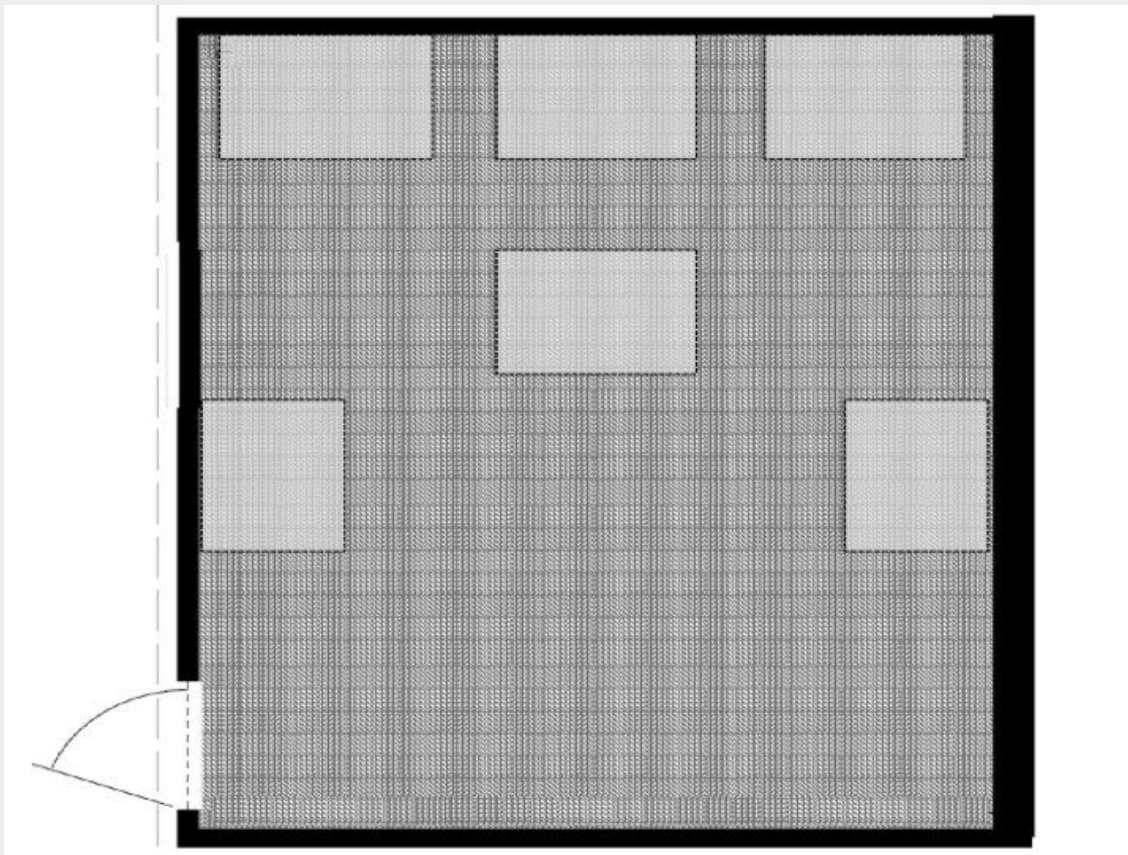
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



FP3, 4000, 900

**Block 19****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

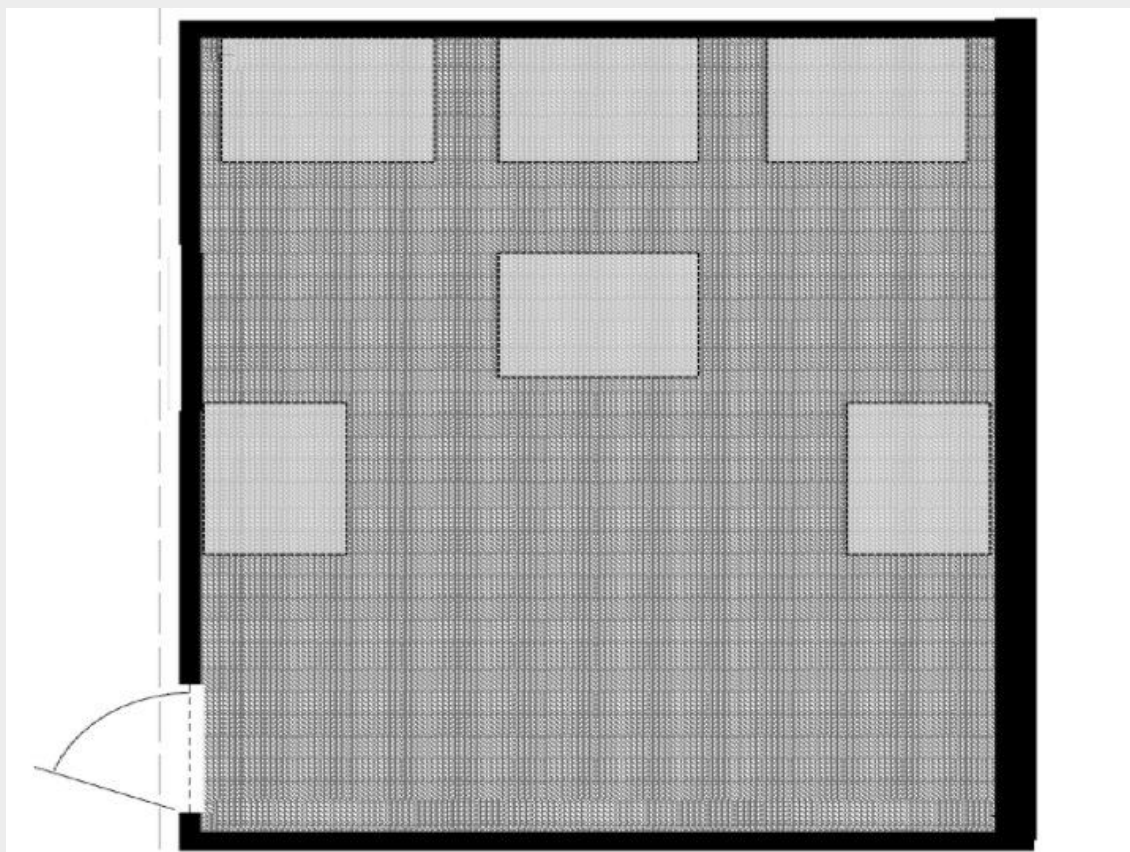
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.





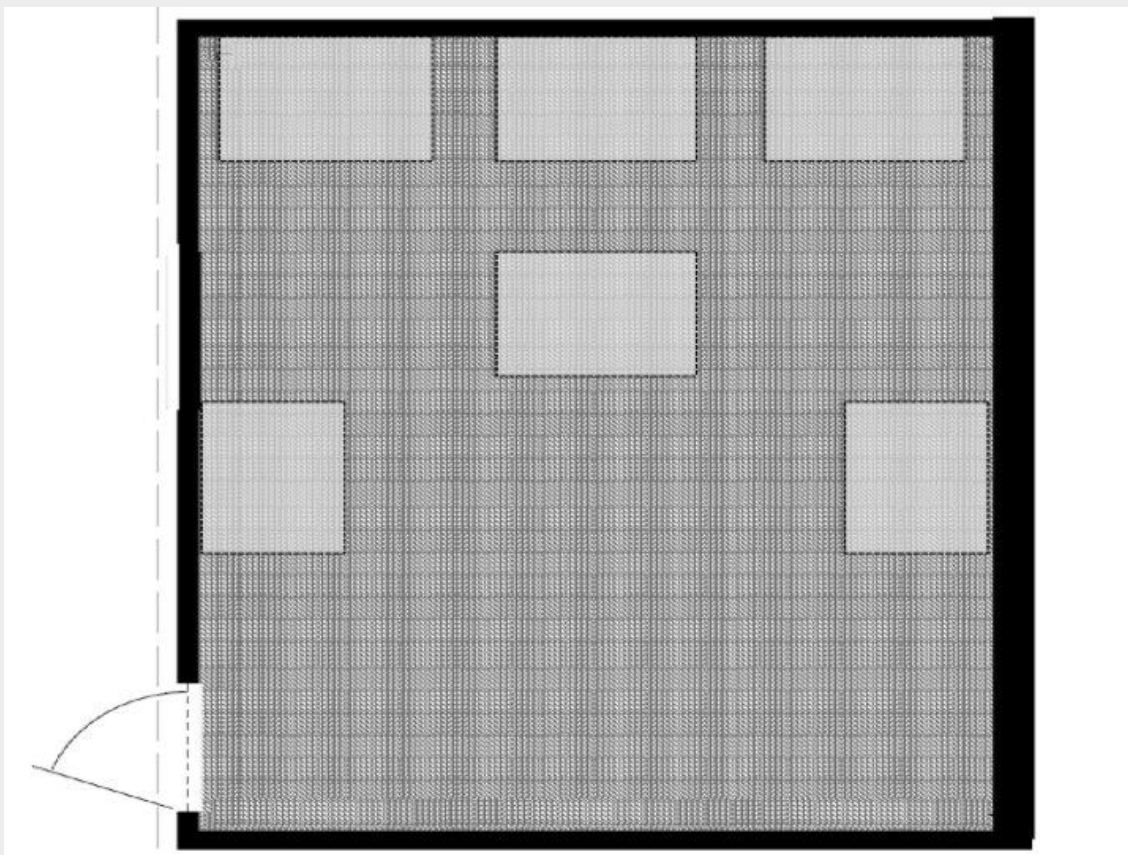
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

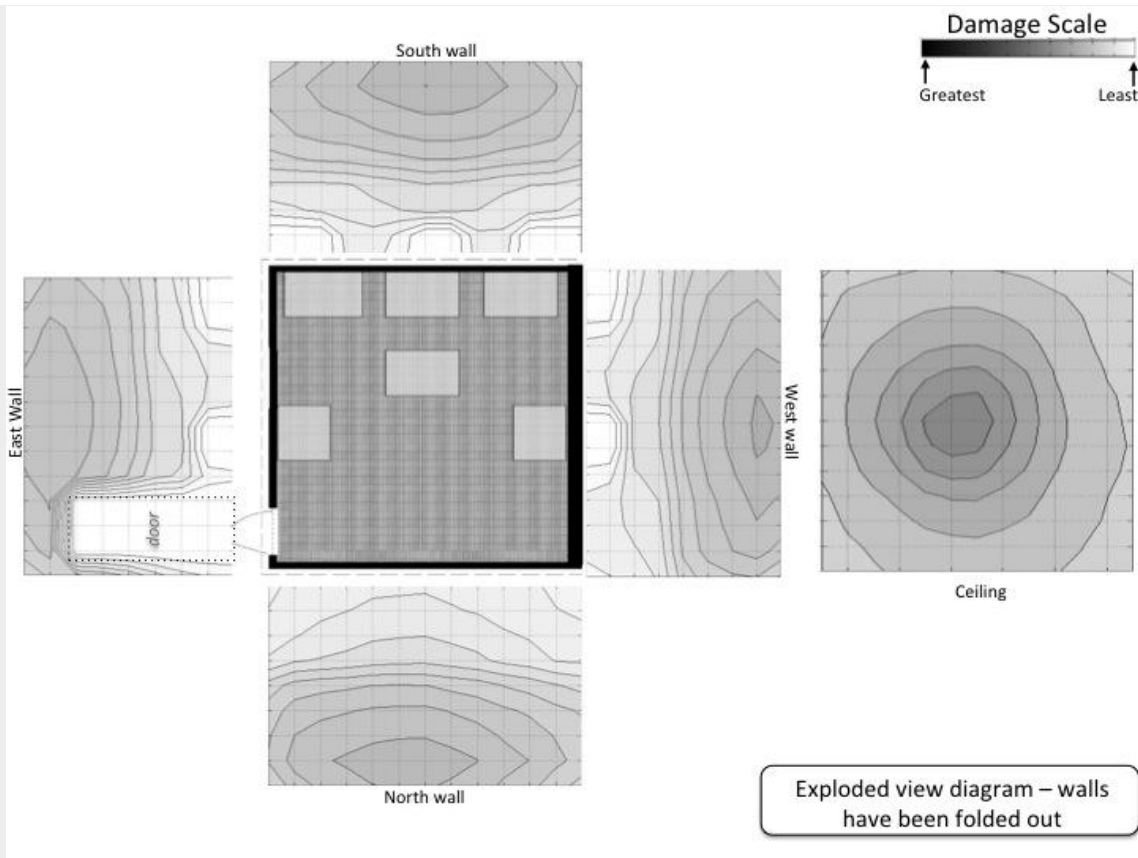


FP4, 1500, 120

**Block 20****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

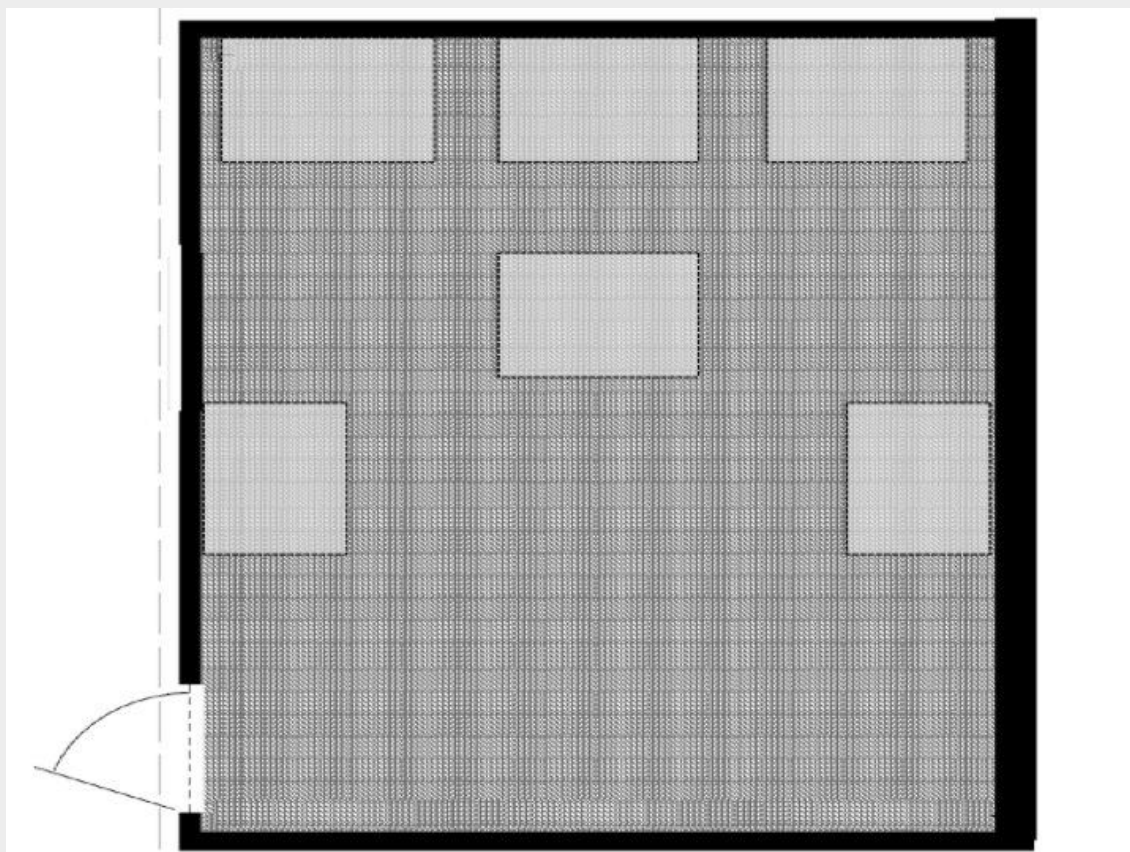
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



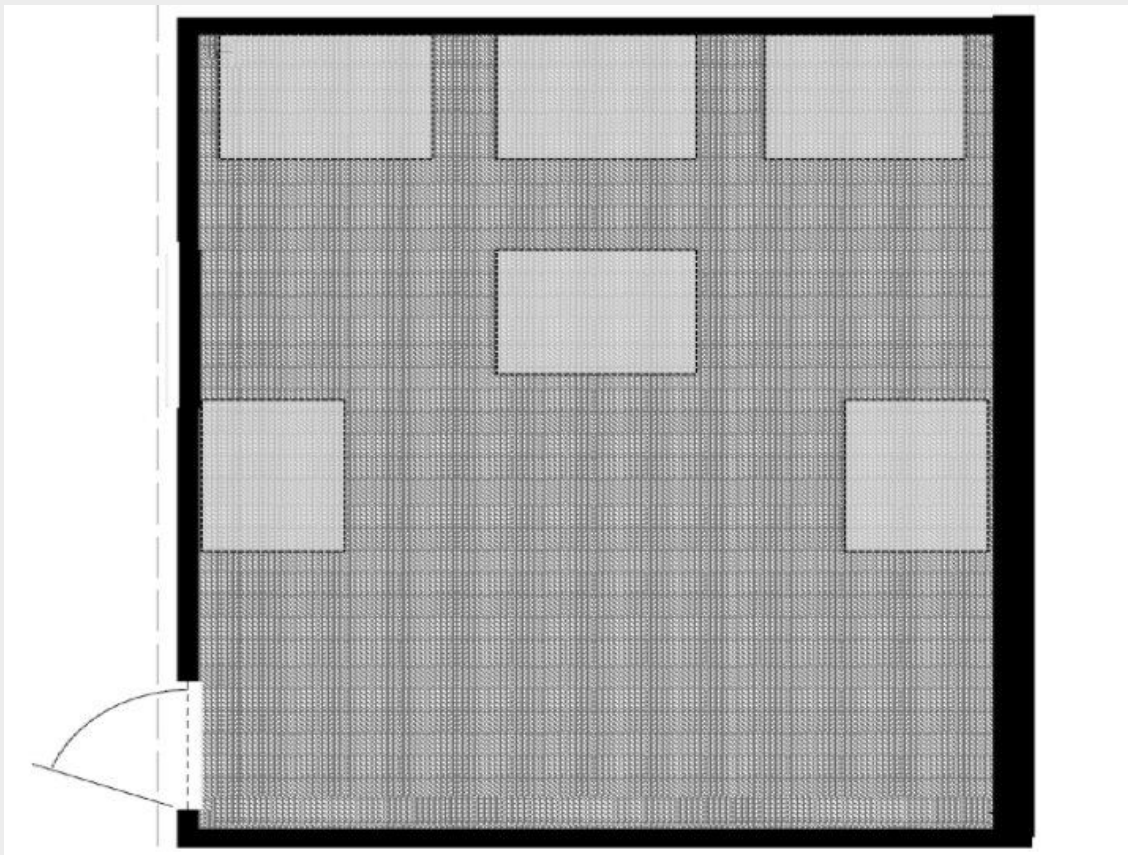
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

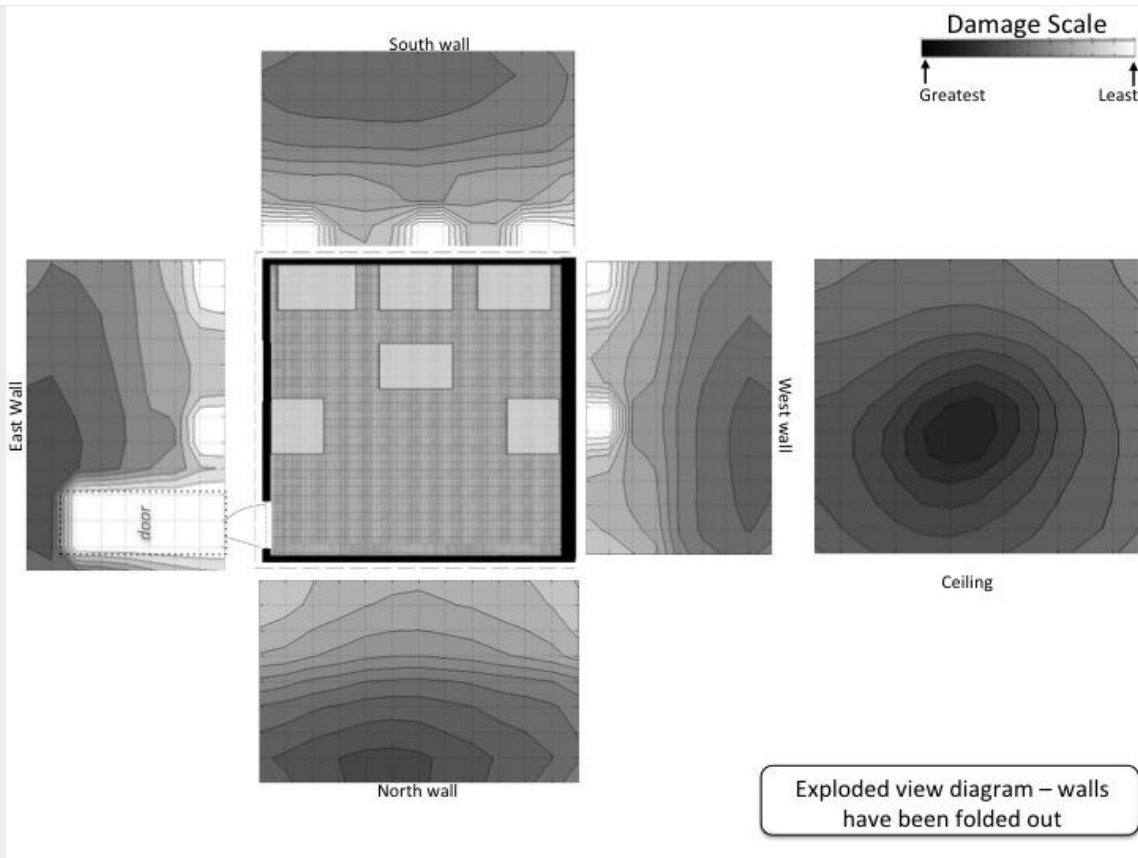


FP4, 1500, 360

**Block 21****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

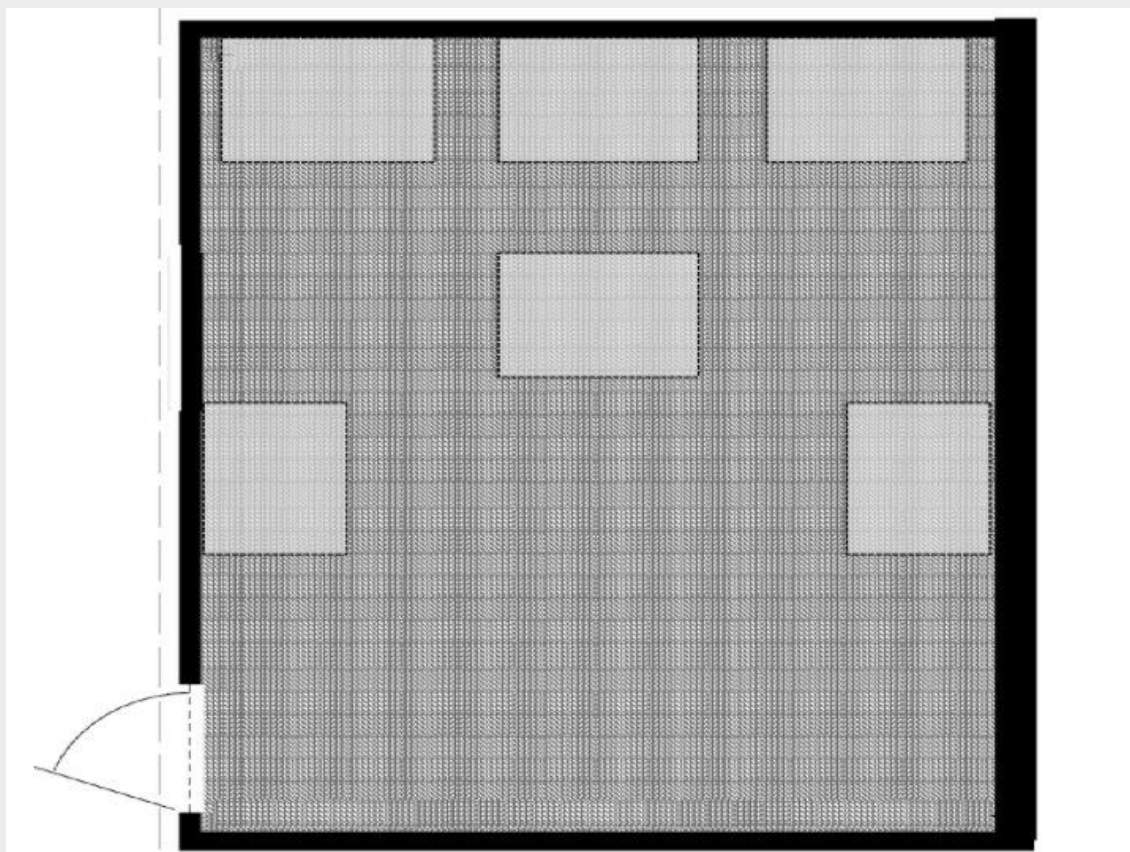
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



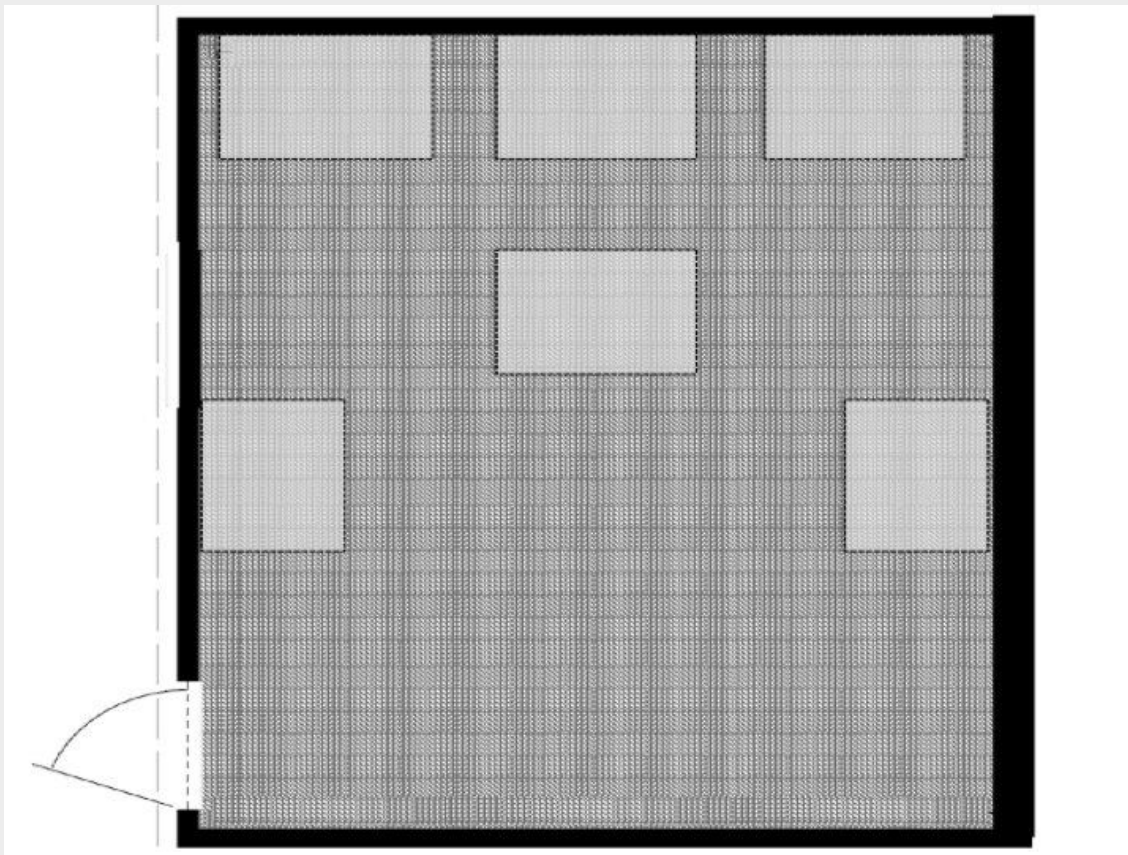
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

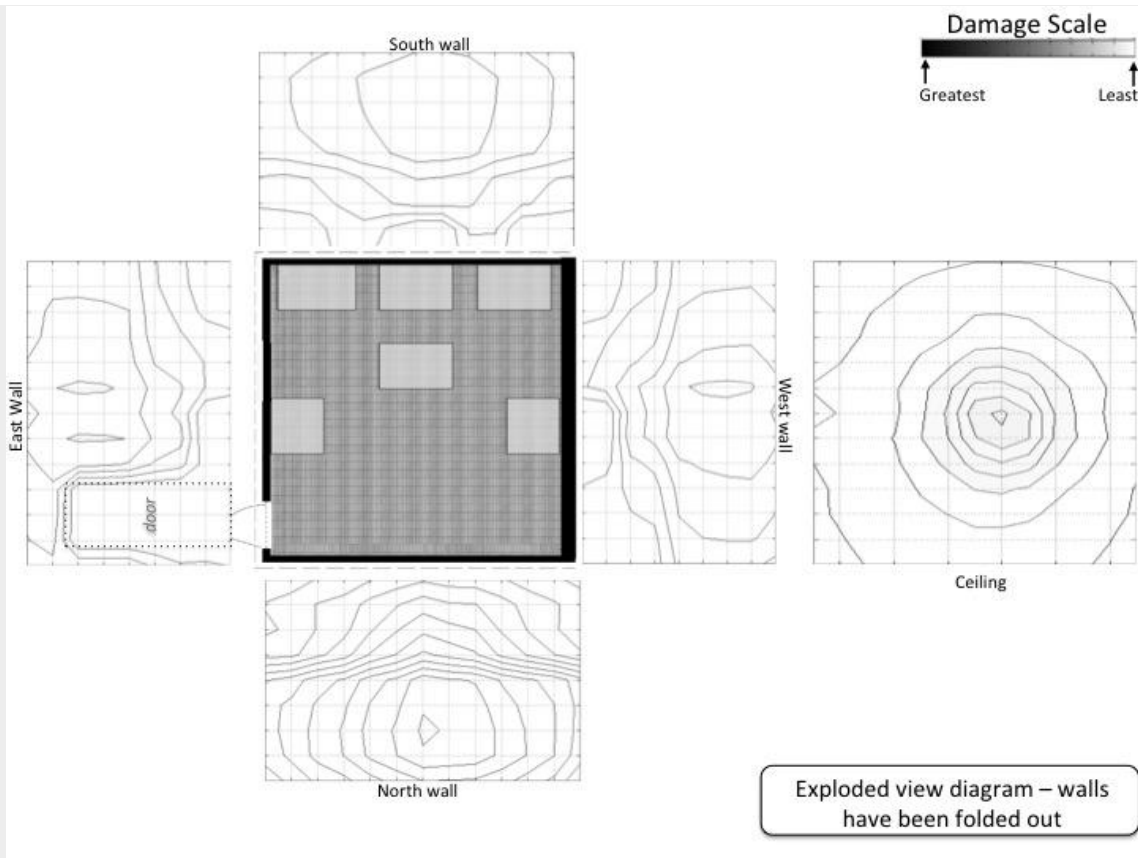


FP4, 1500, 900

**Block 22****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

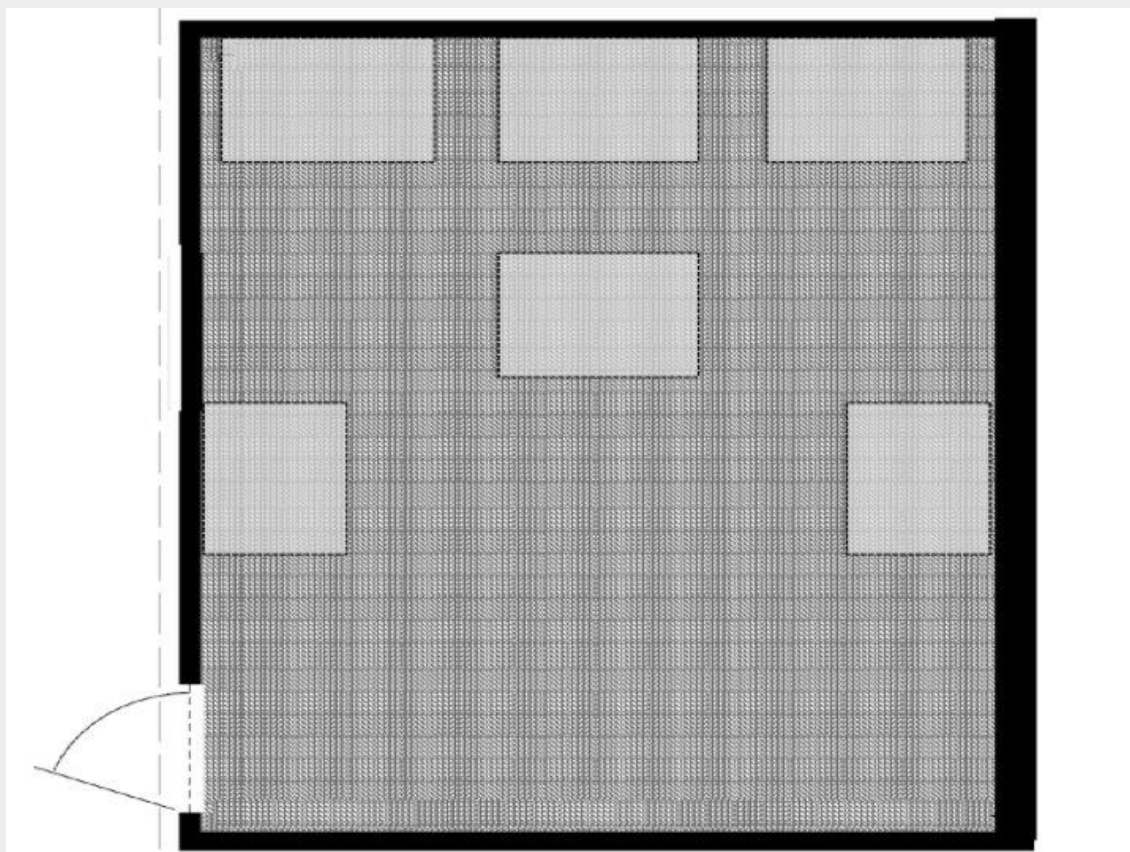
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



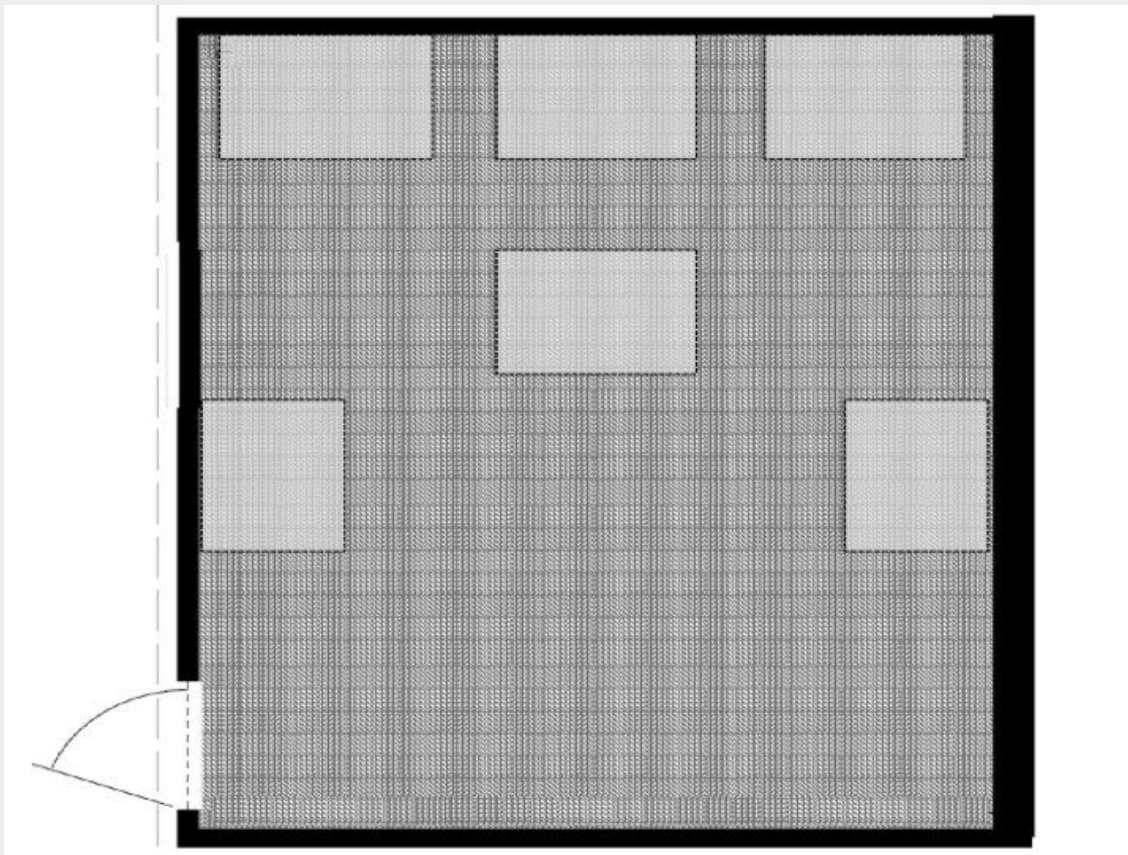
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



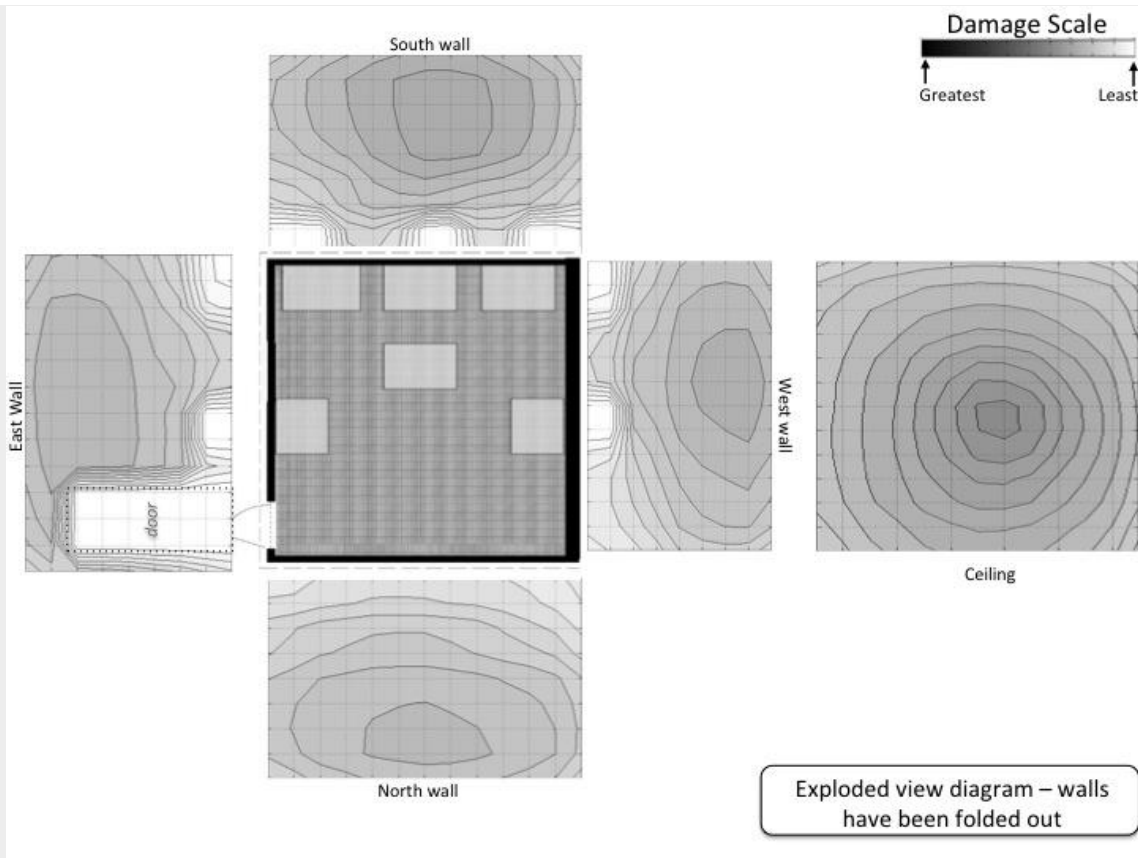
FP4, 4000, 120

**Block 23****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

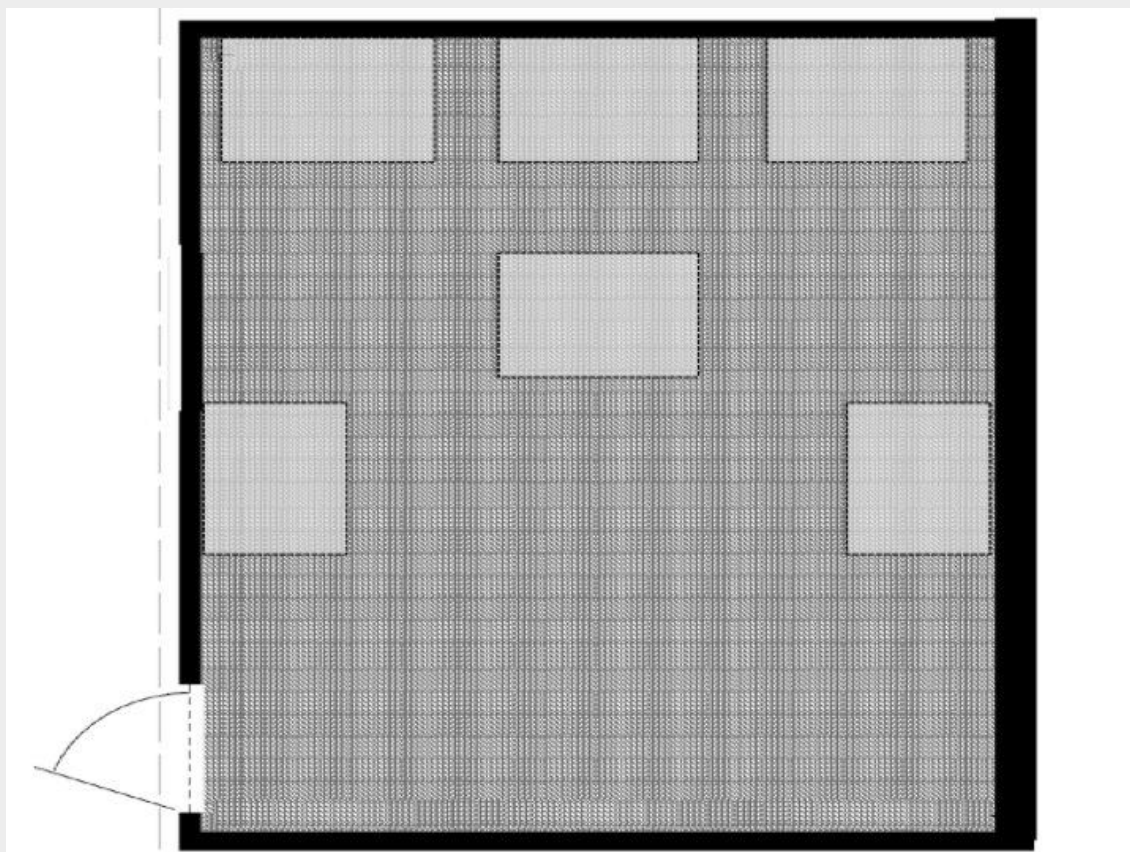
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.





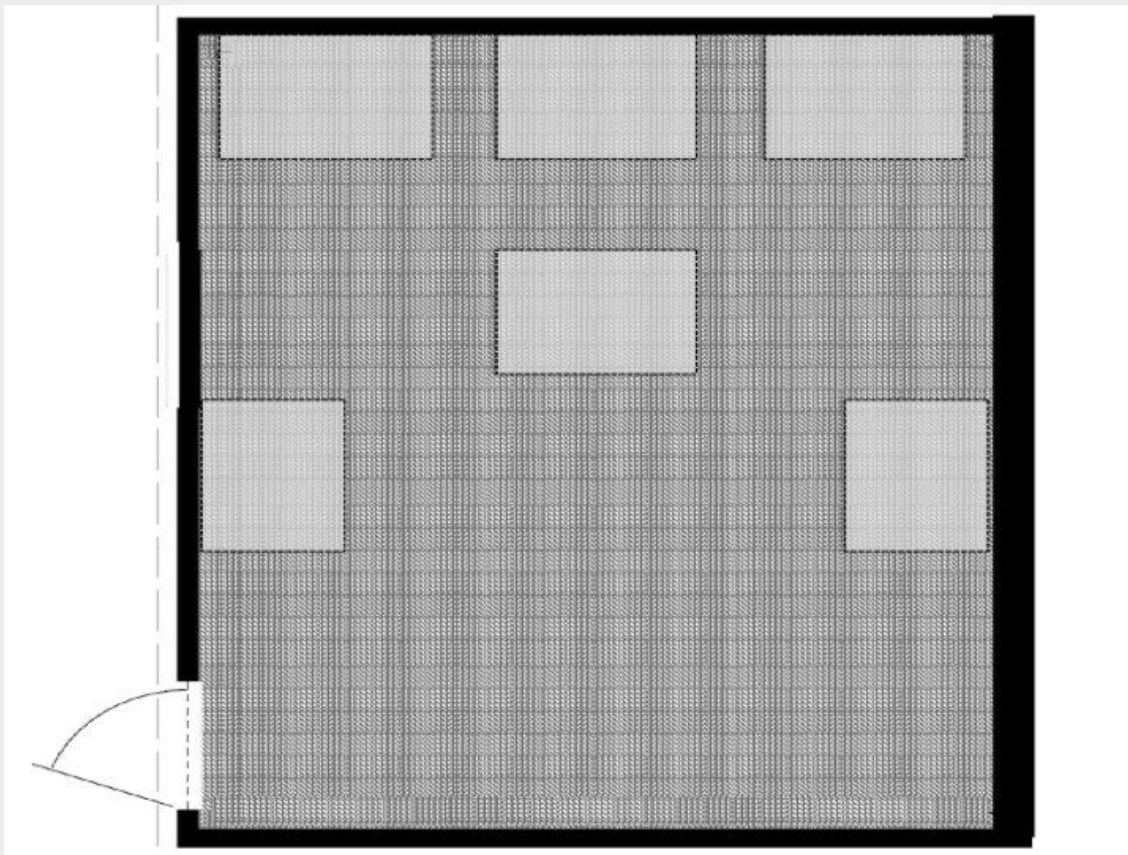
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

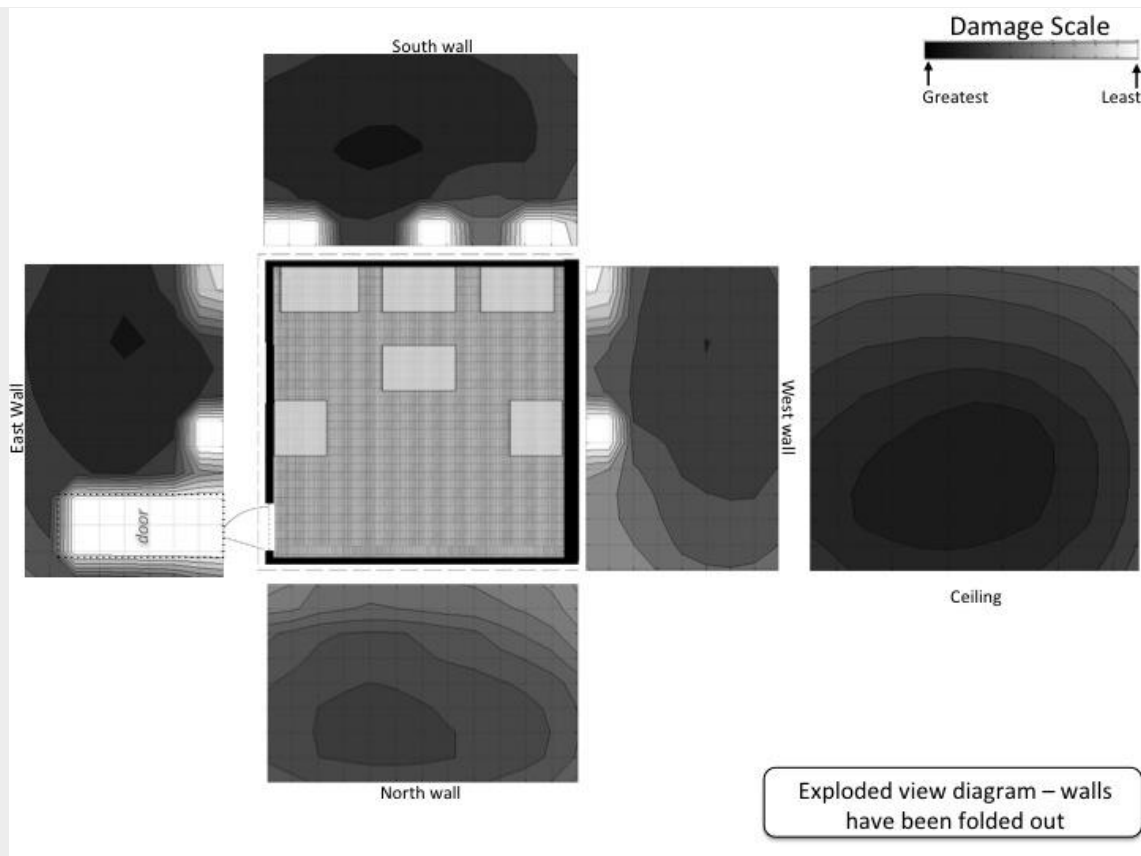


FP4, 4000, 360

**Block 24****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

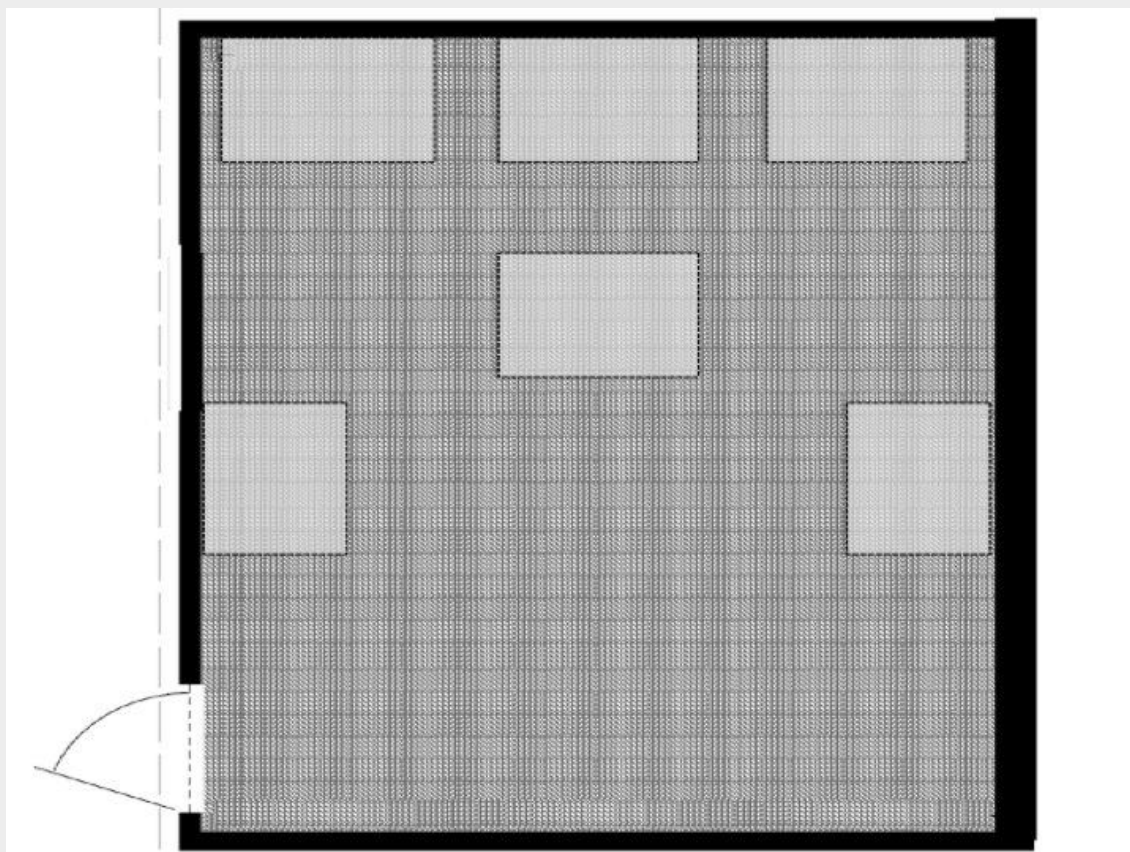
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



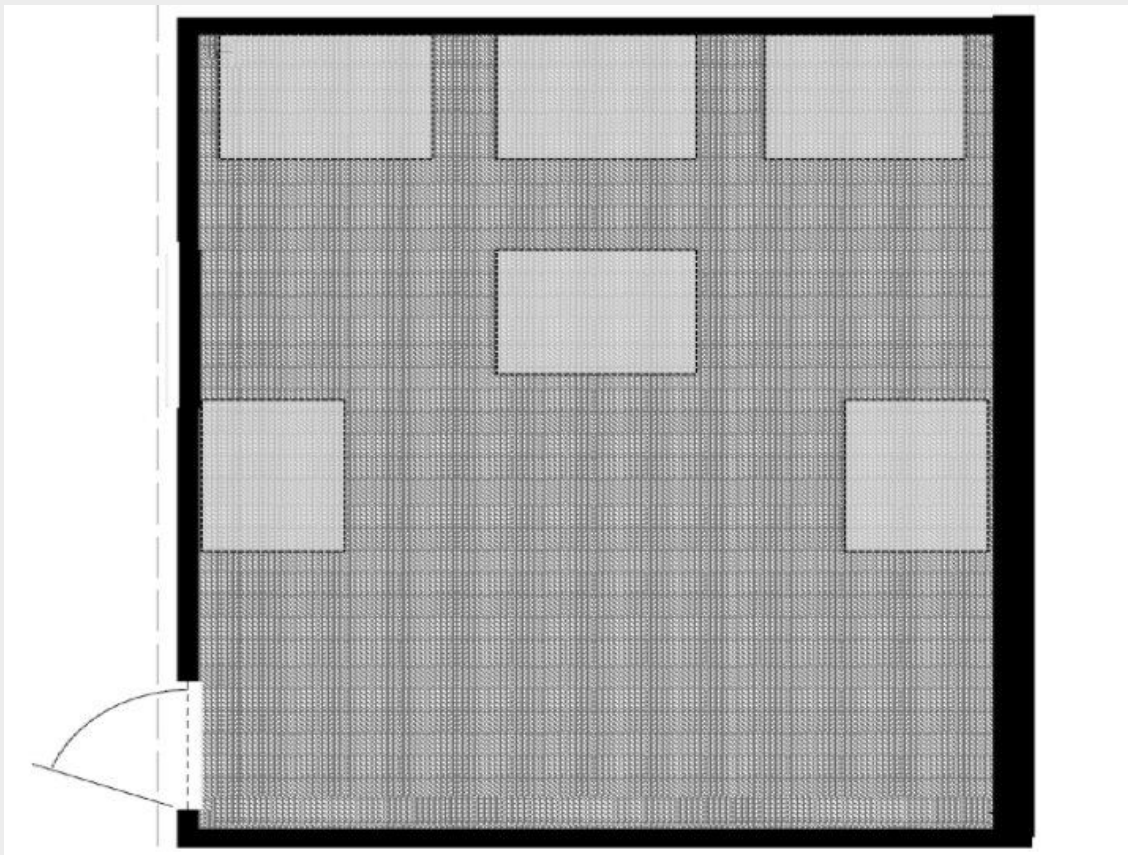
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

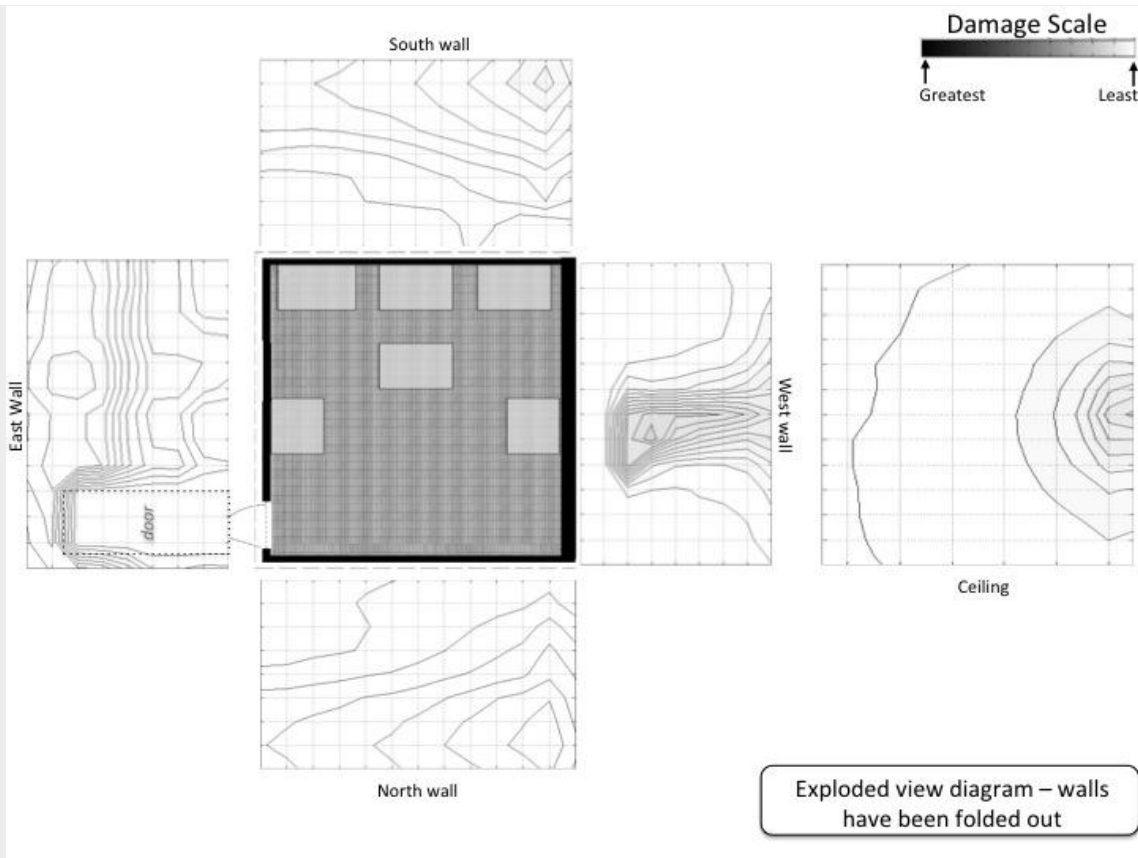


FP4, 4000, 900

**Block 25****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

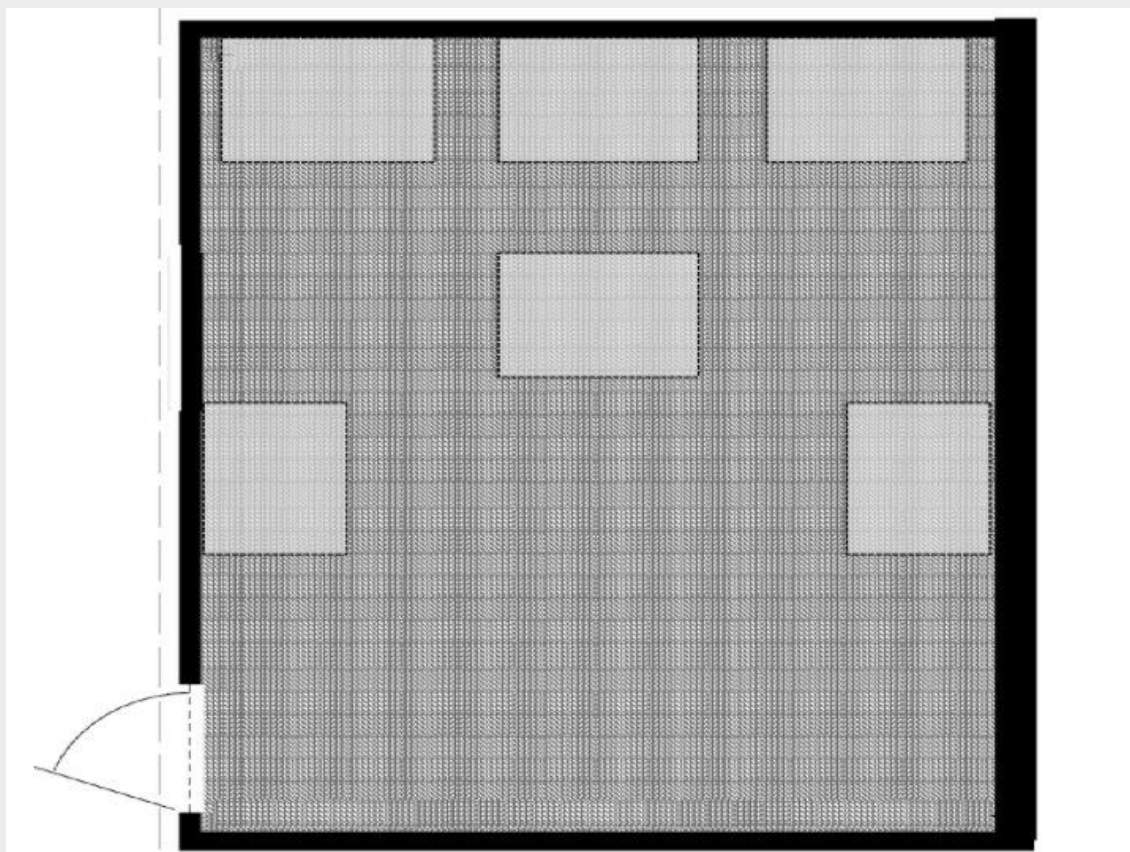
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



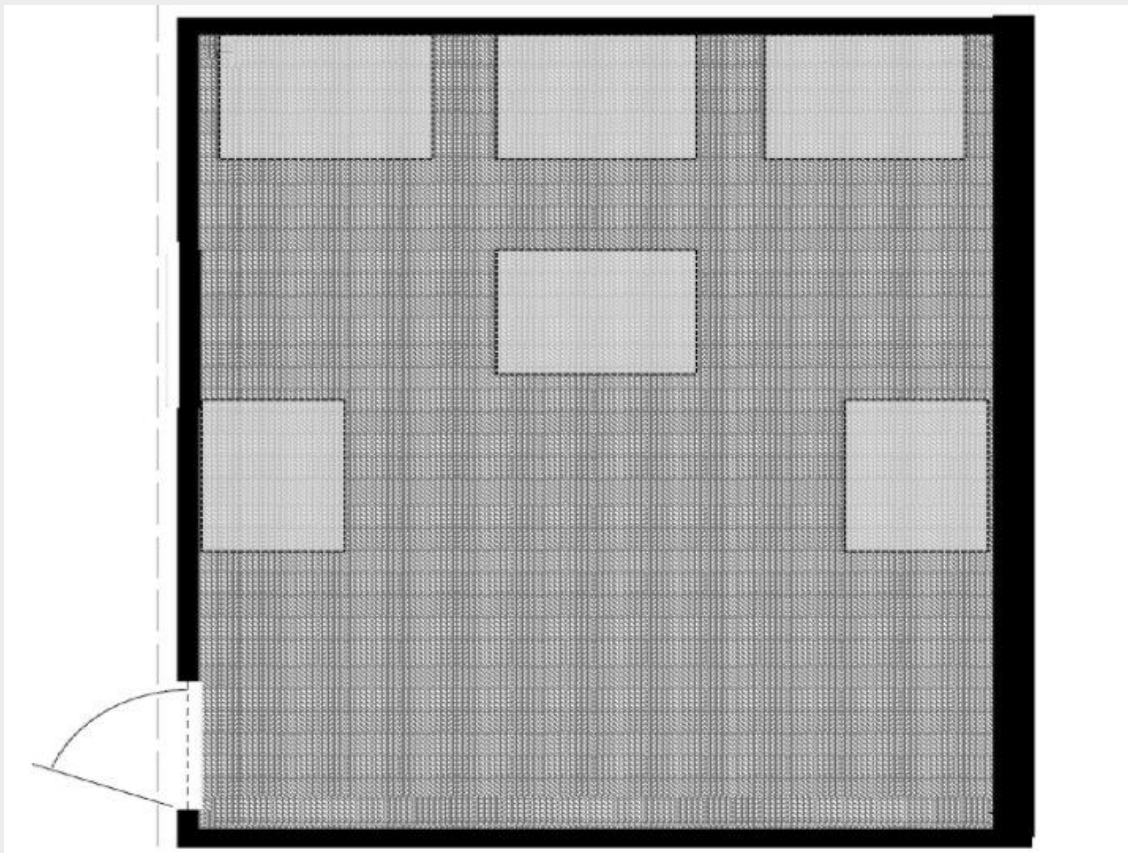
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

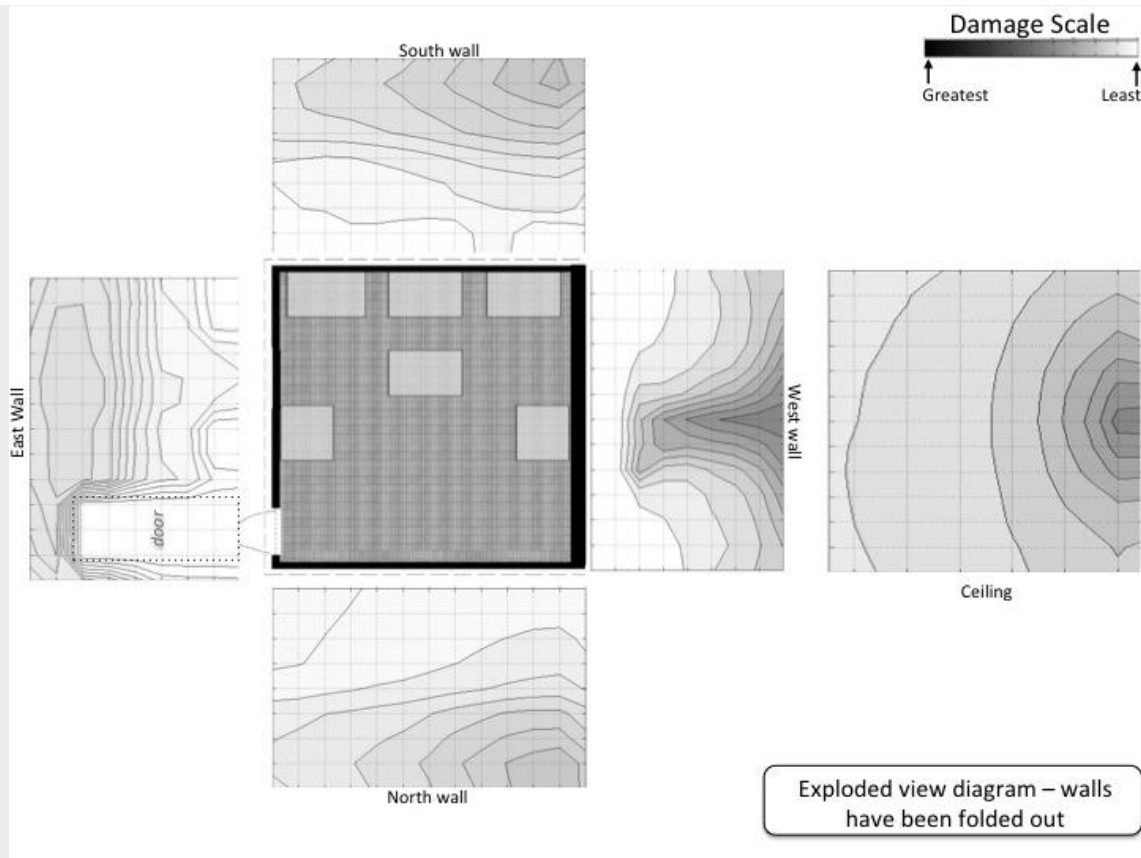


FP6, 1500, 120

**Block 26****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

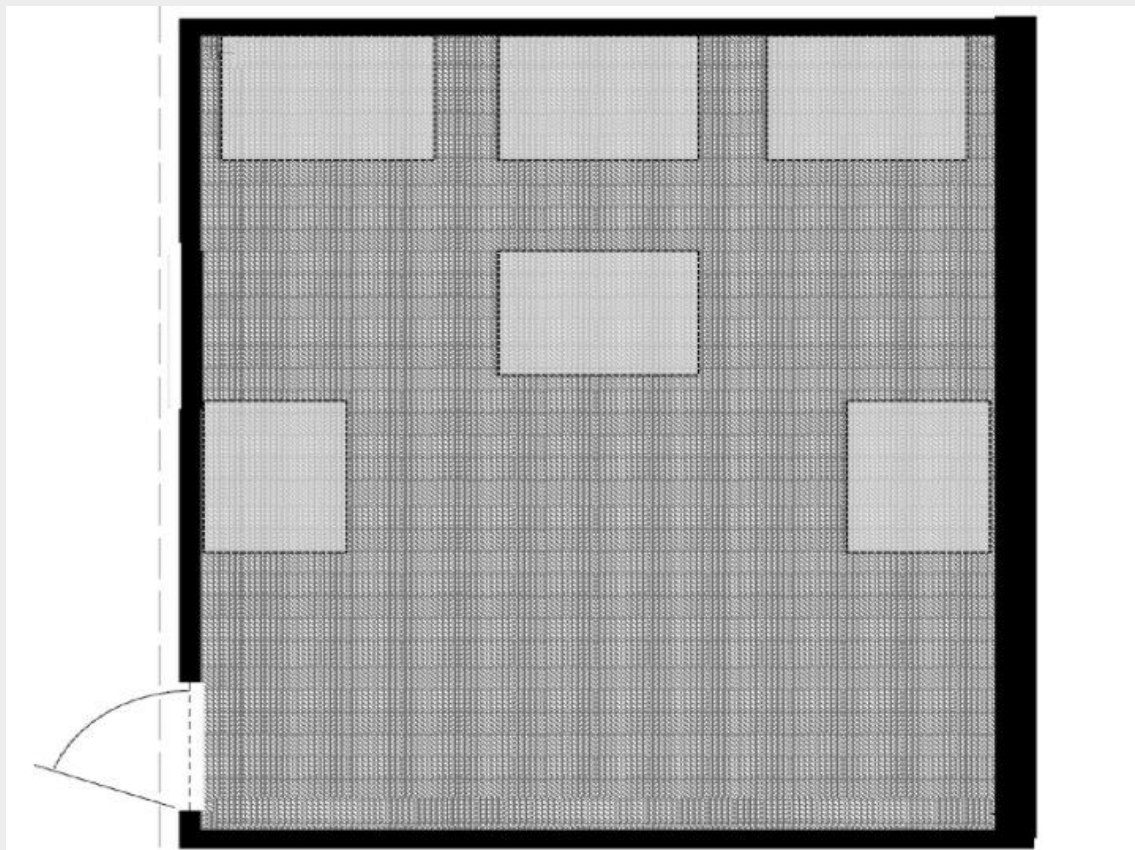
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



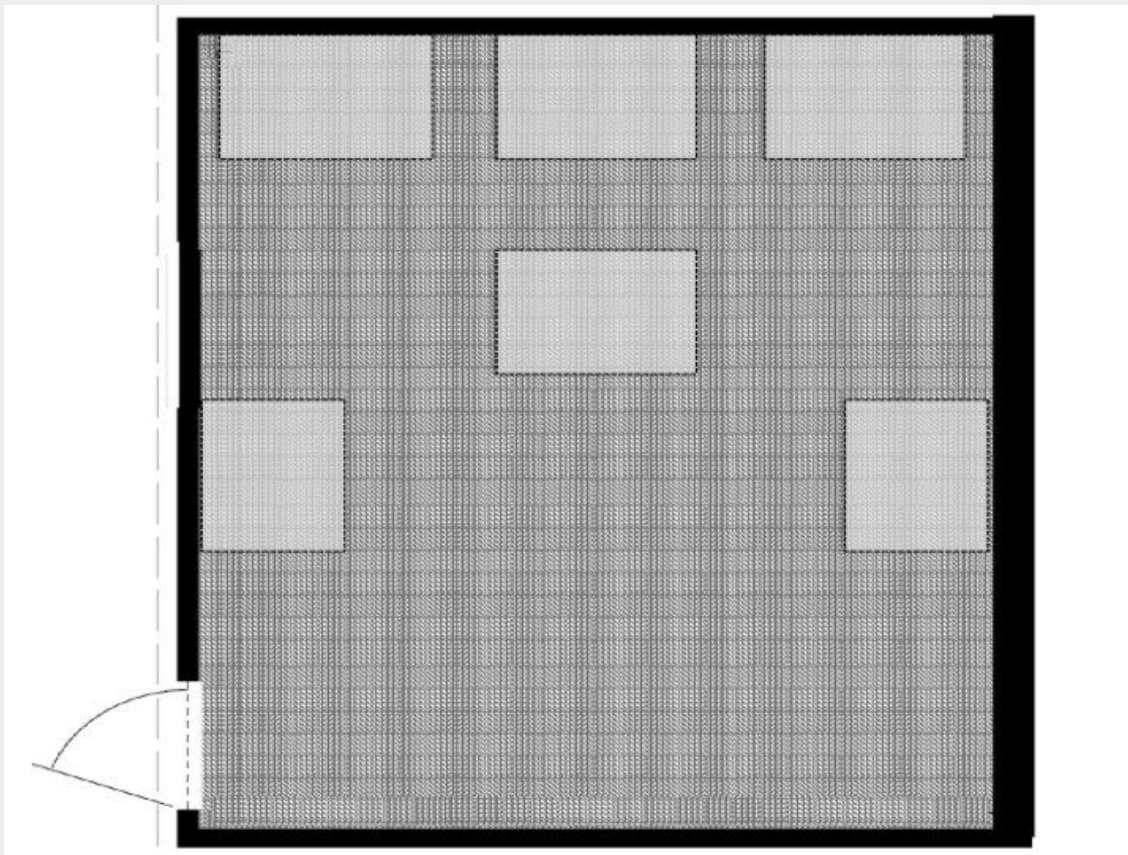
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



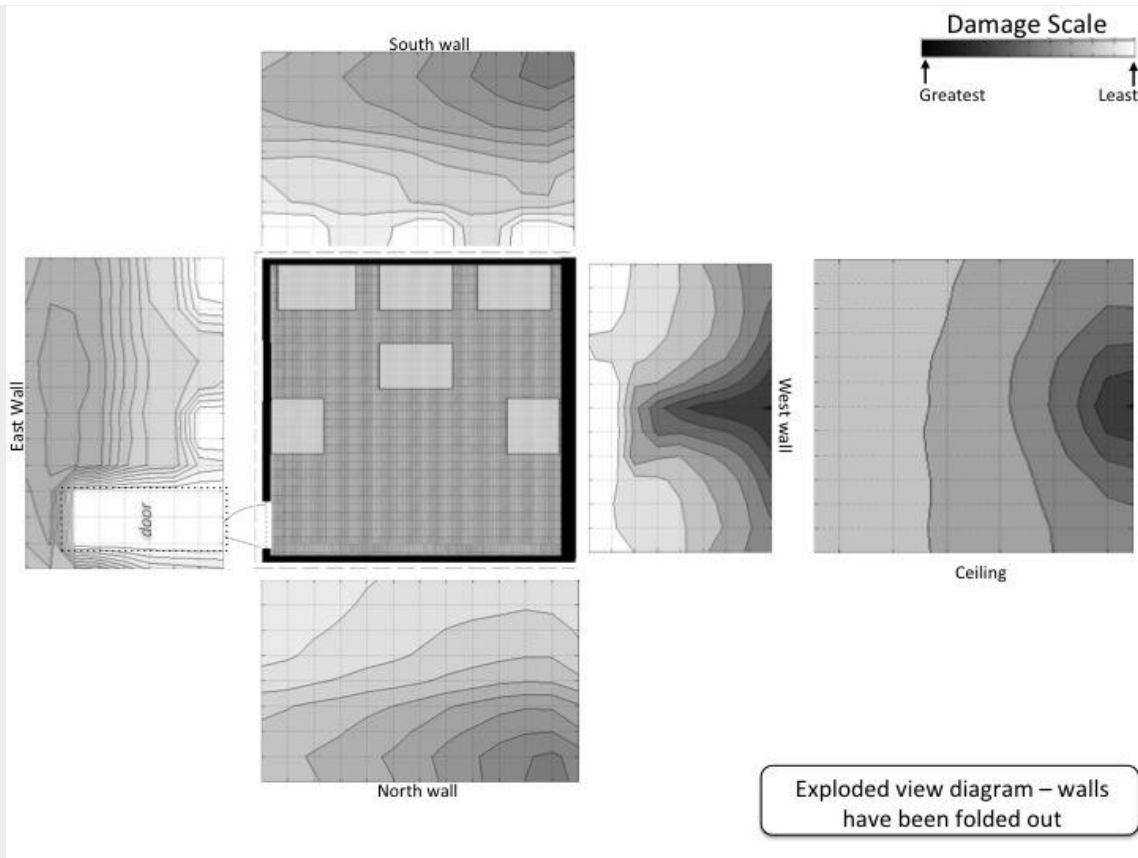
FP6, 1500, 360

**Block 27****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

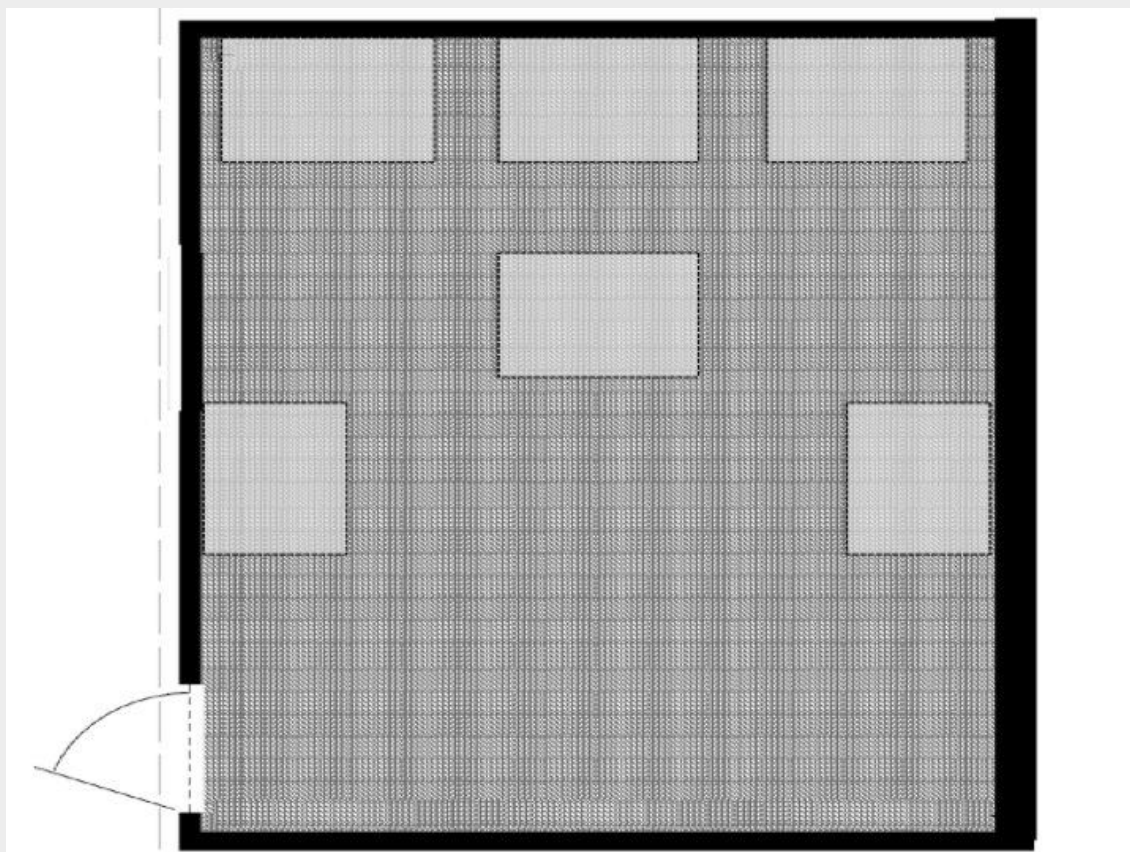
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.





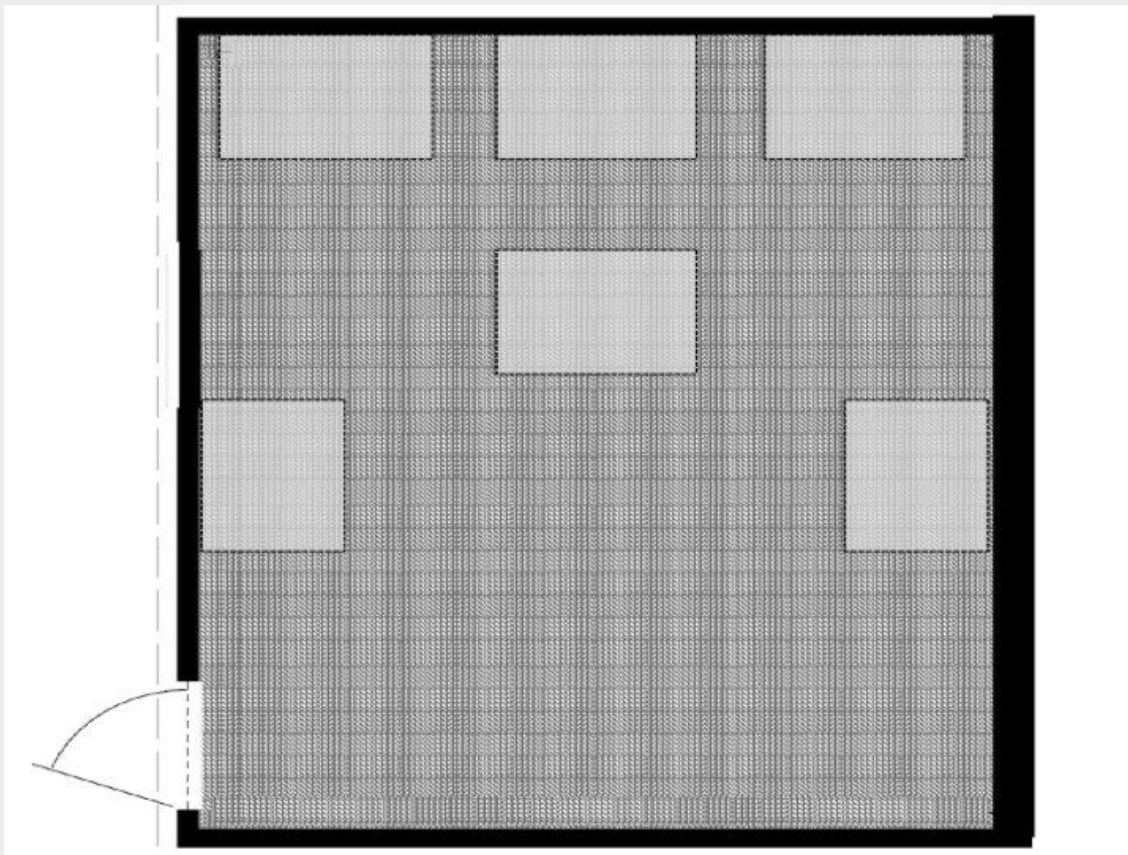
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

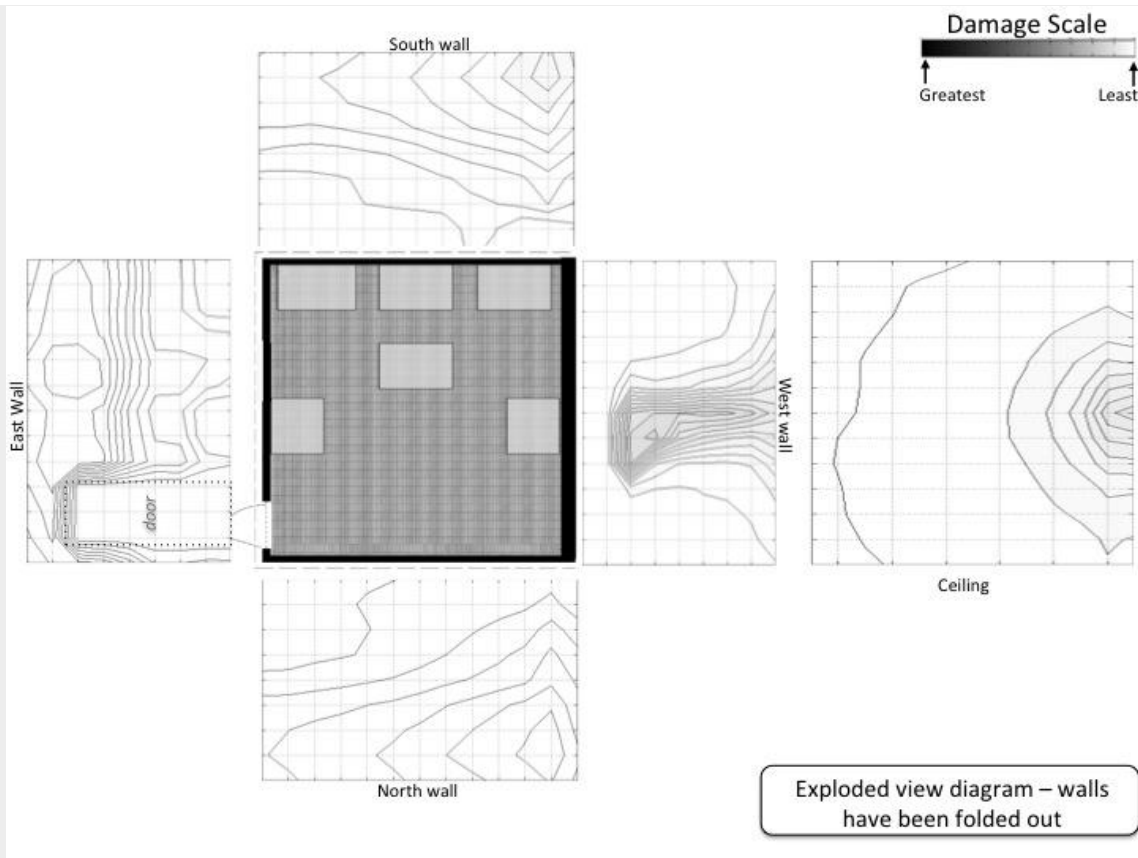


FP6, 1500, 900

**Block 28****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

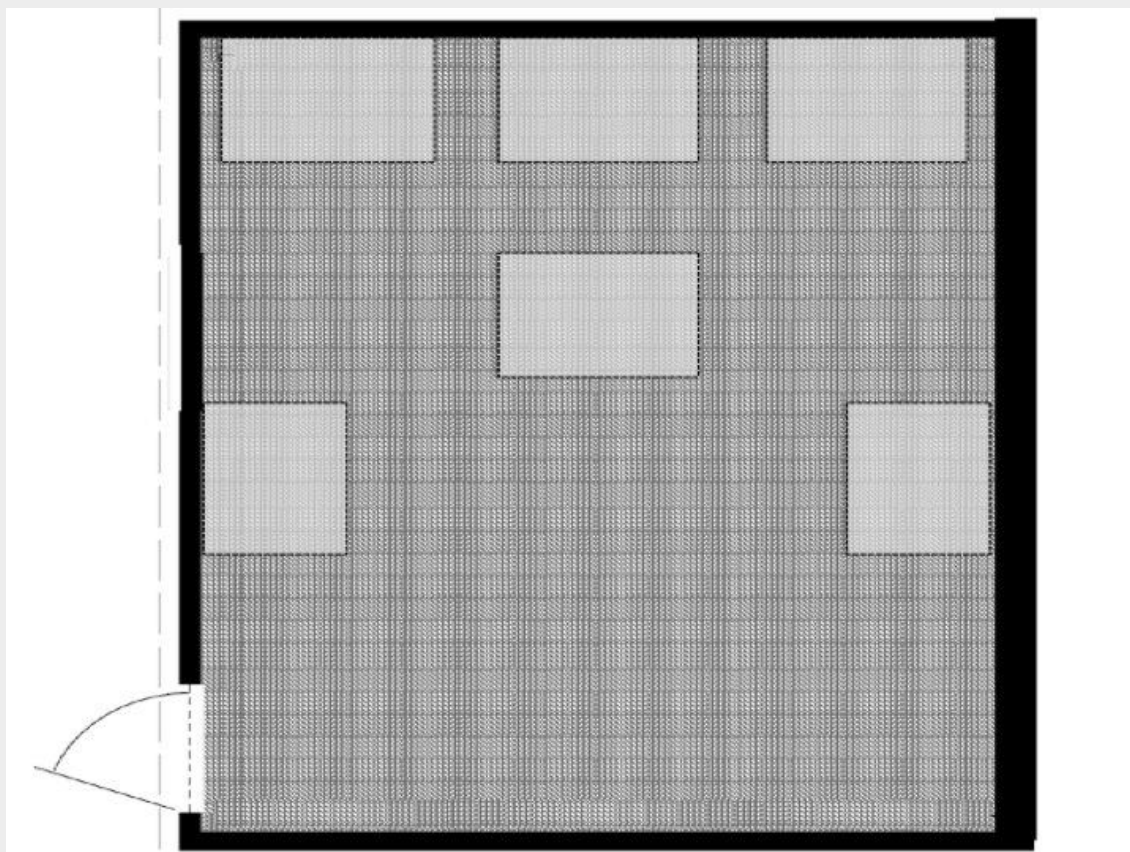
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



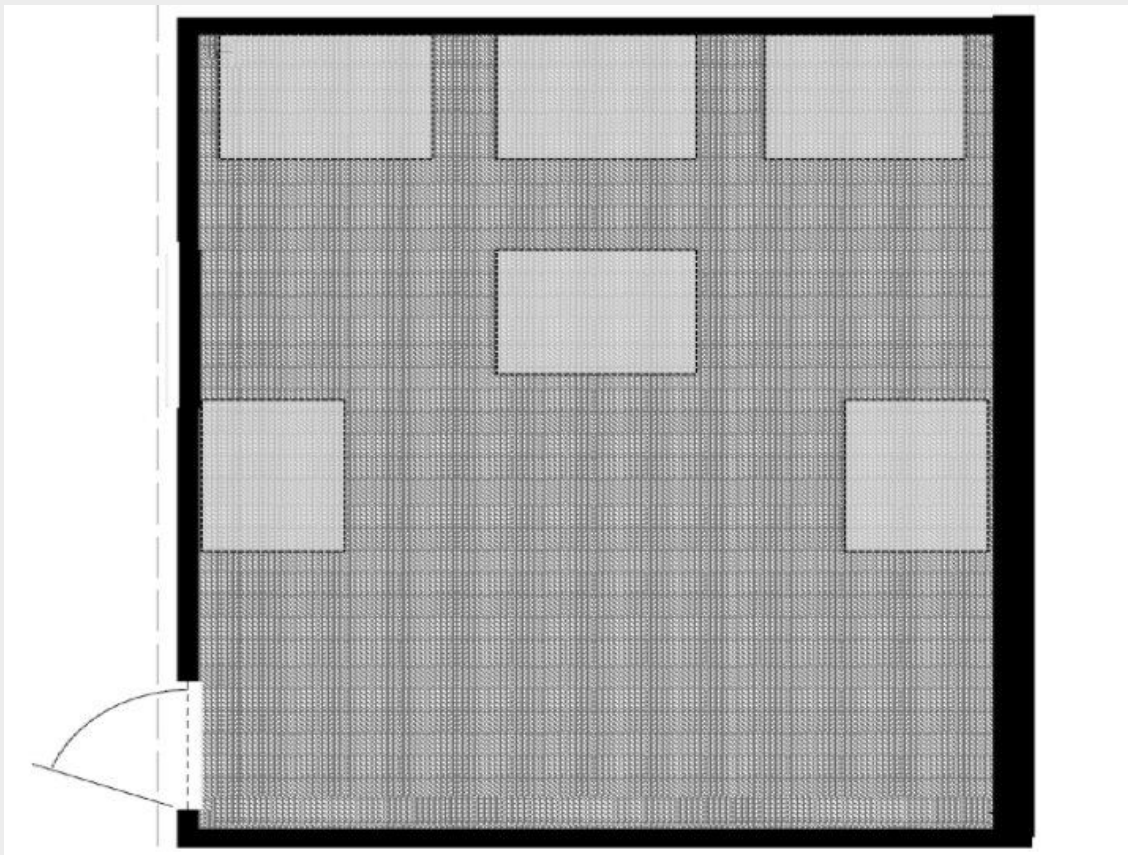
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

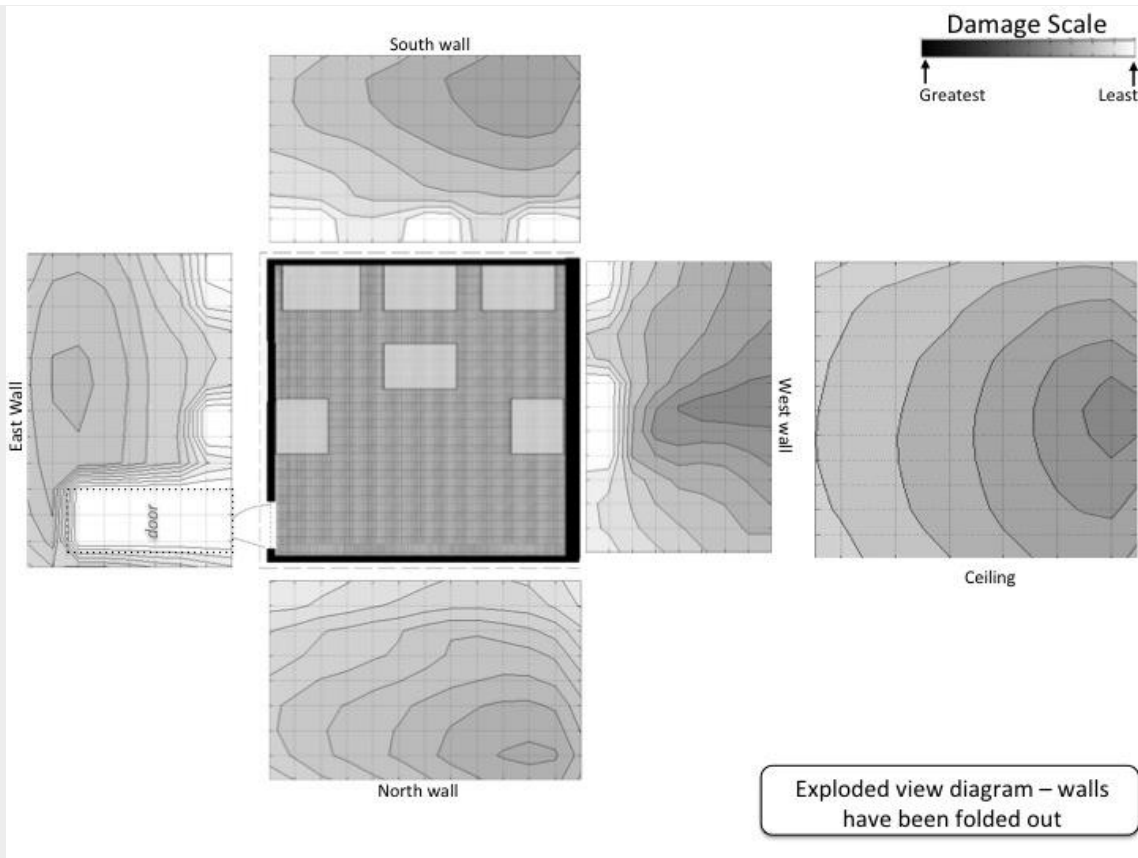


FP6, 4000, 120

**Block 29****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

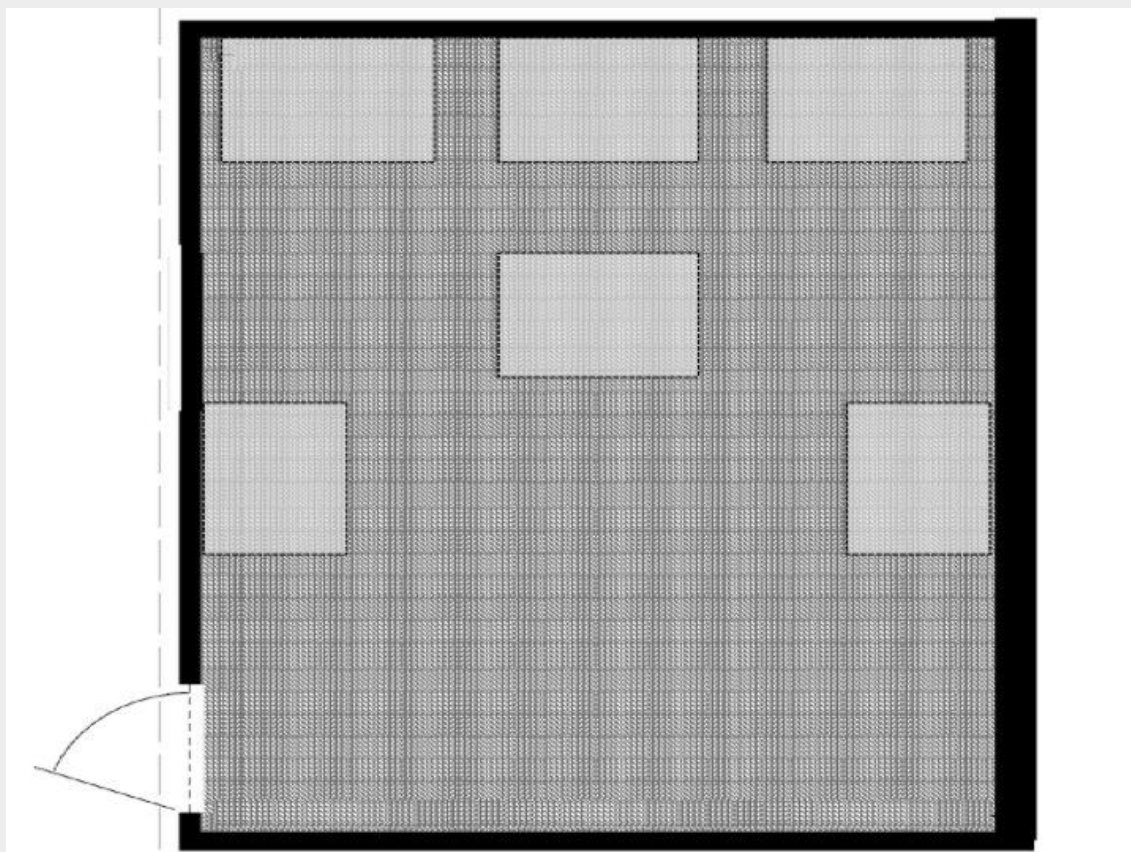
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



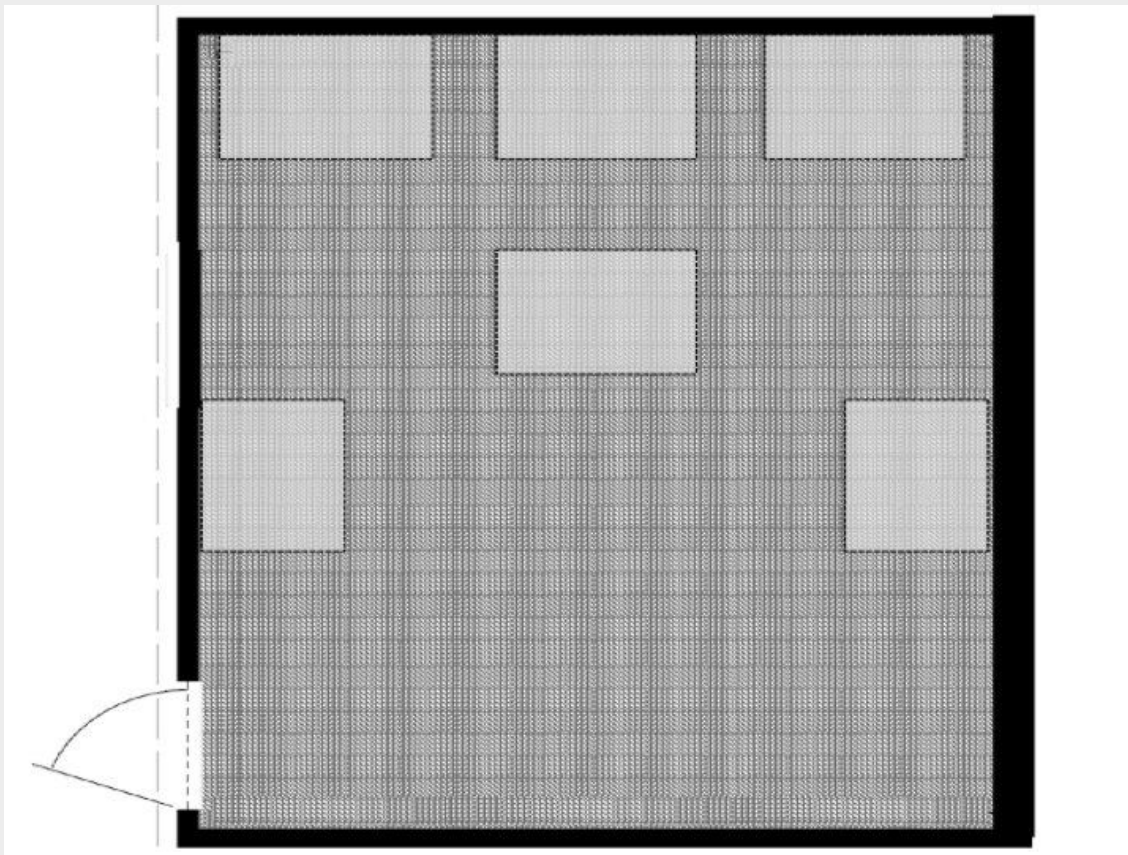
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

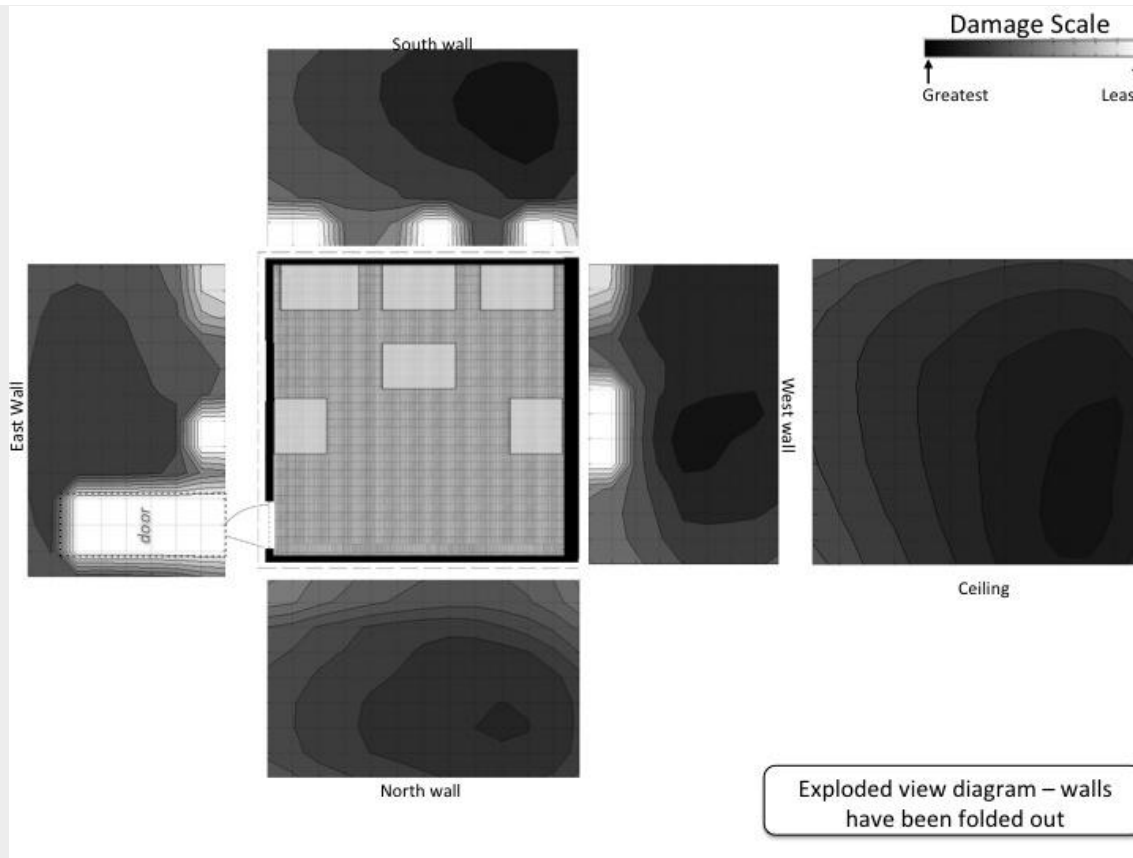


FP6, 4000, 360

**Block 30****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

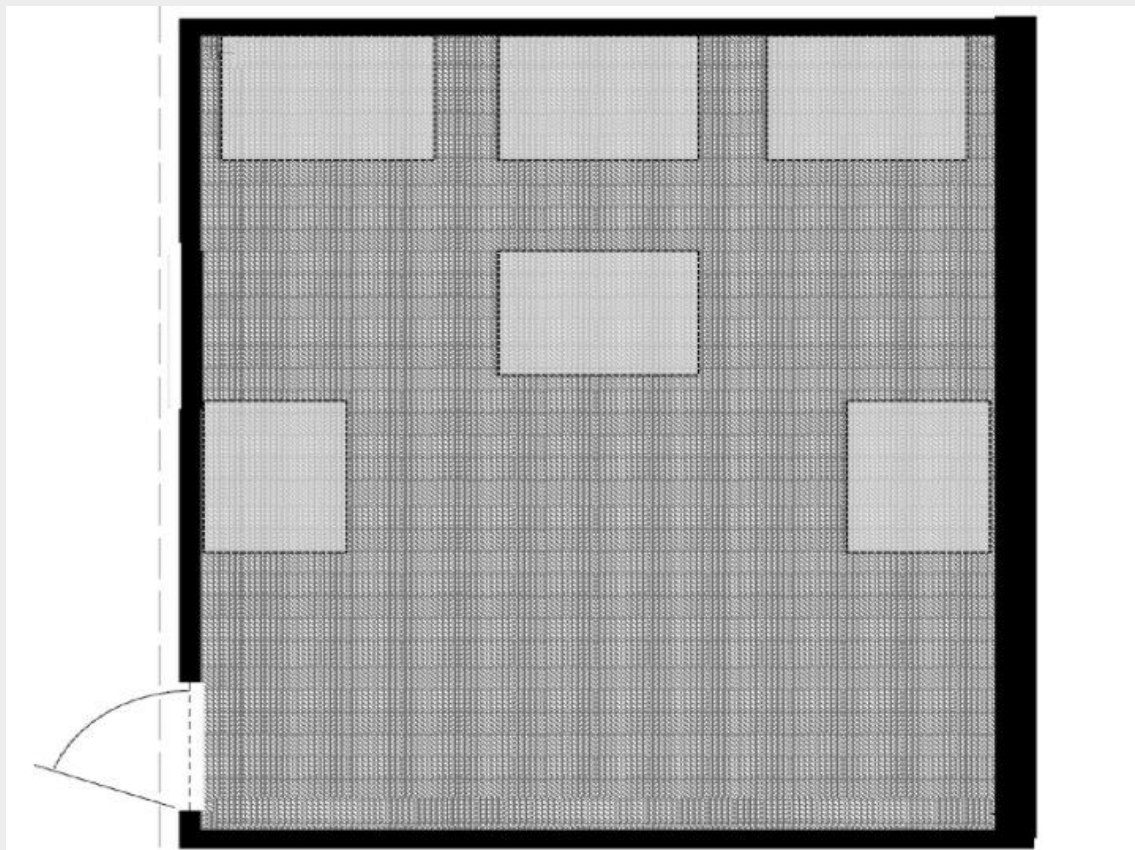
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



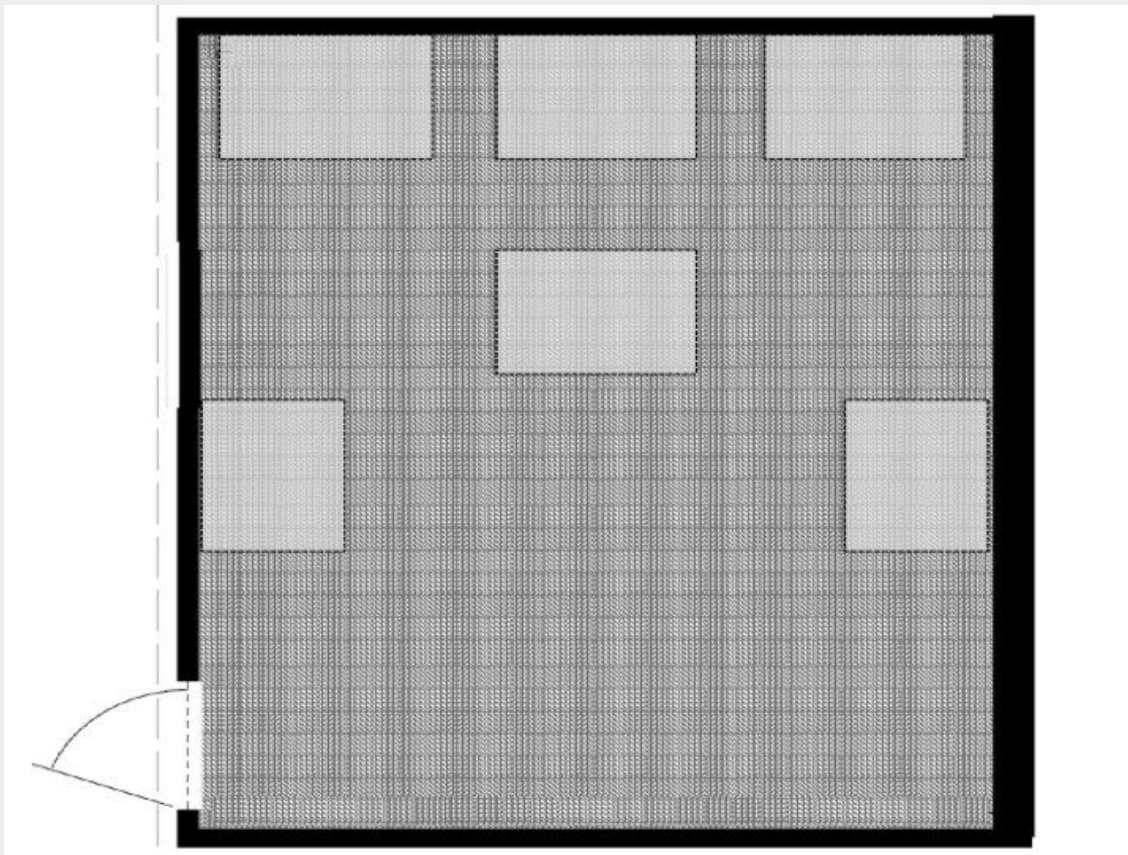
**Center of the Area of Origin Determination**

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



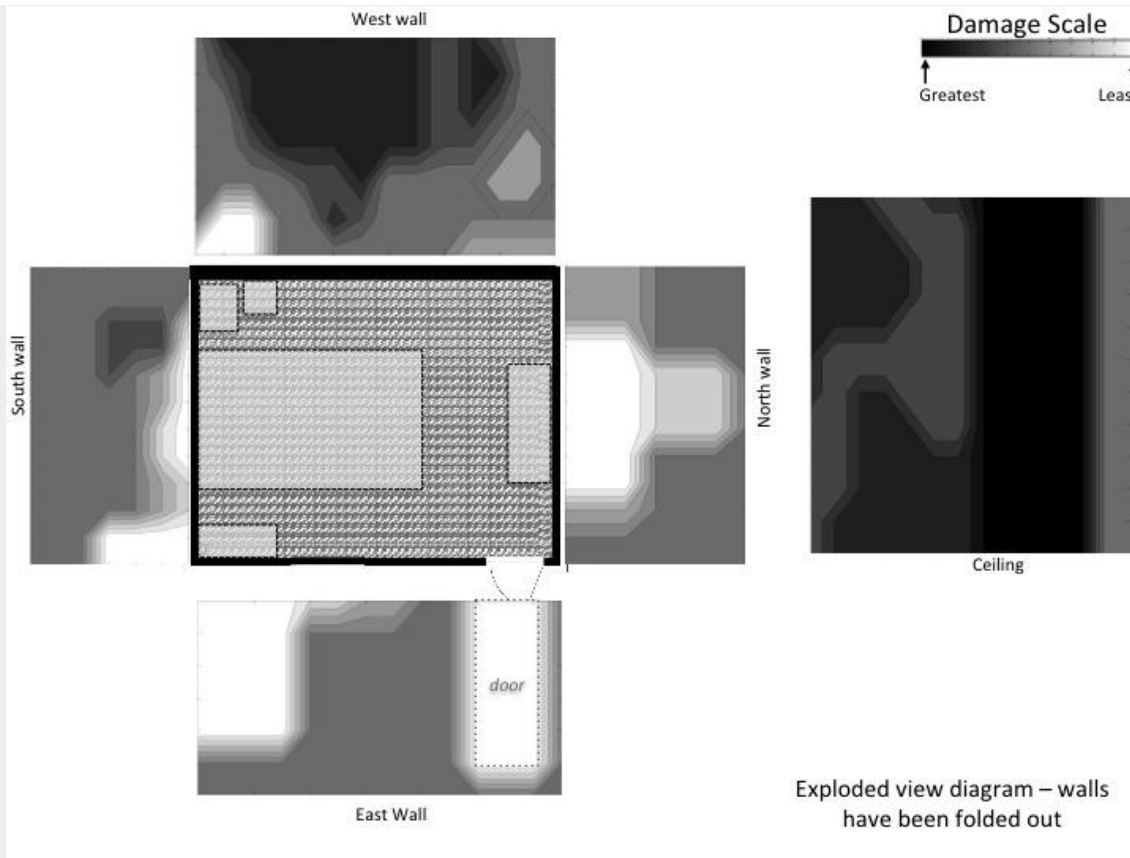
FP6, 4000, 900

**Block 31****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

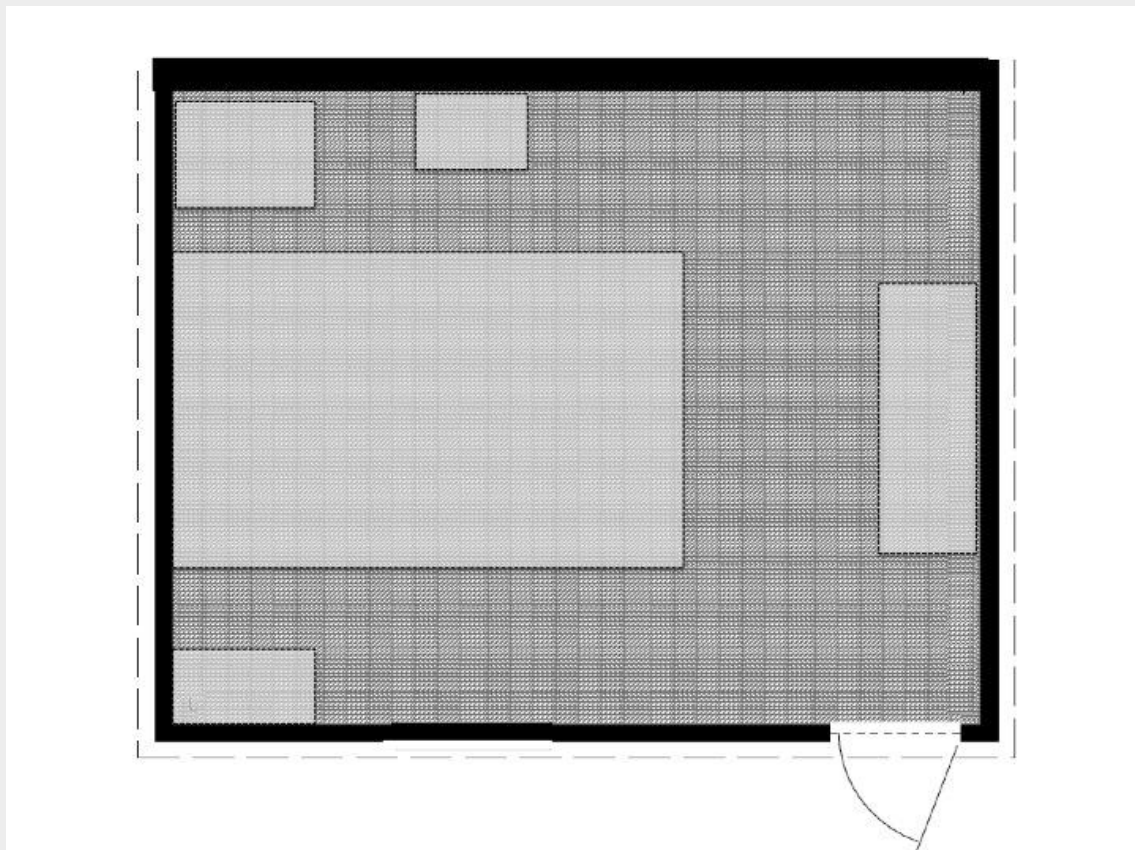
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.





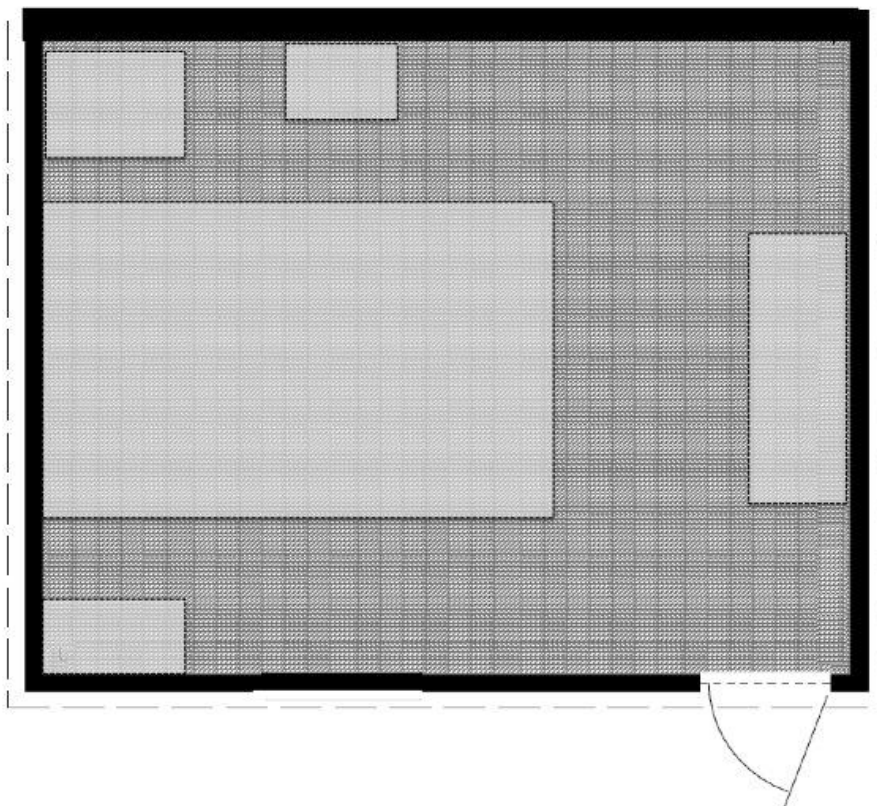
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



**Area of Origin Determination**

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.

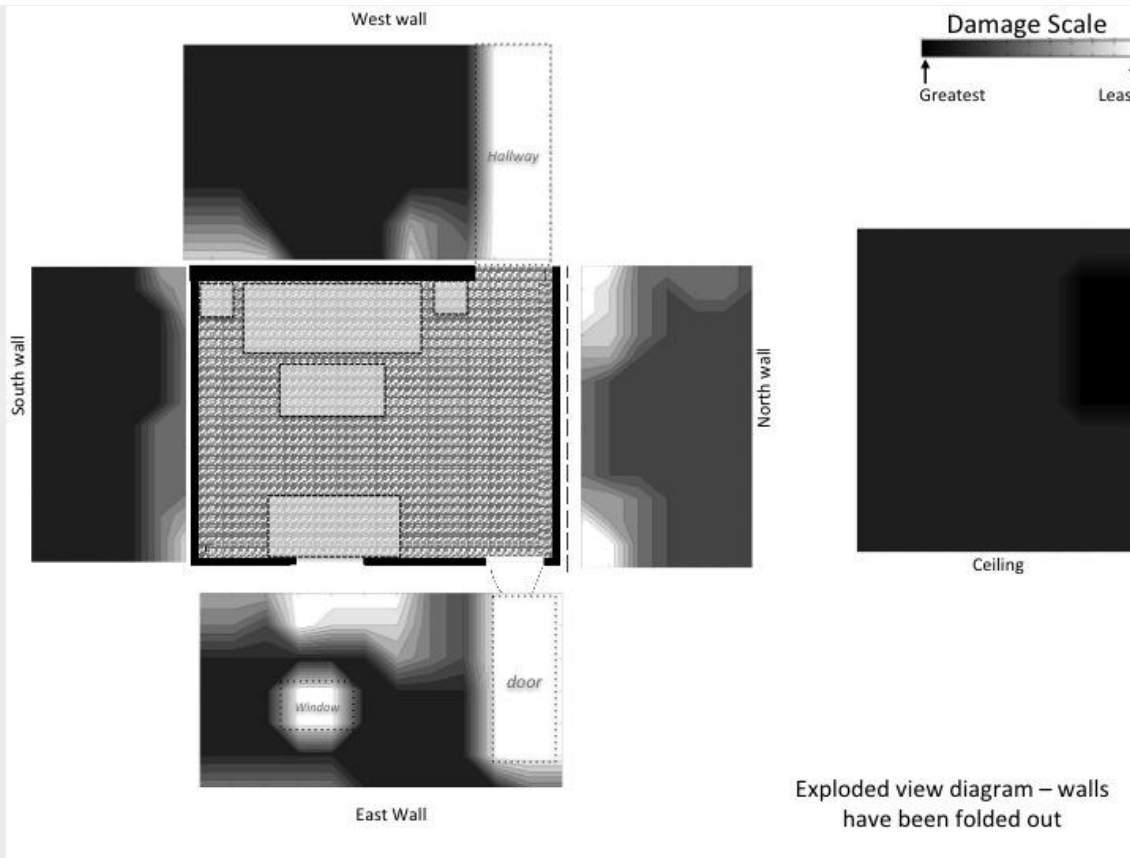


atf

**Block 32****CONTOUR PLOTS OF DAMAGE - WALLS & CEILING**

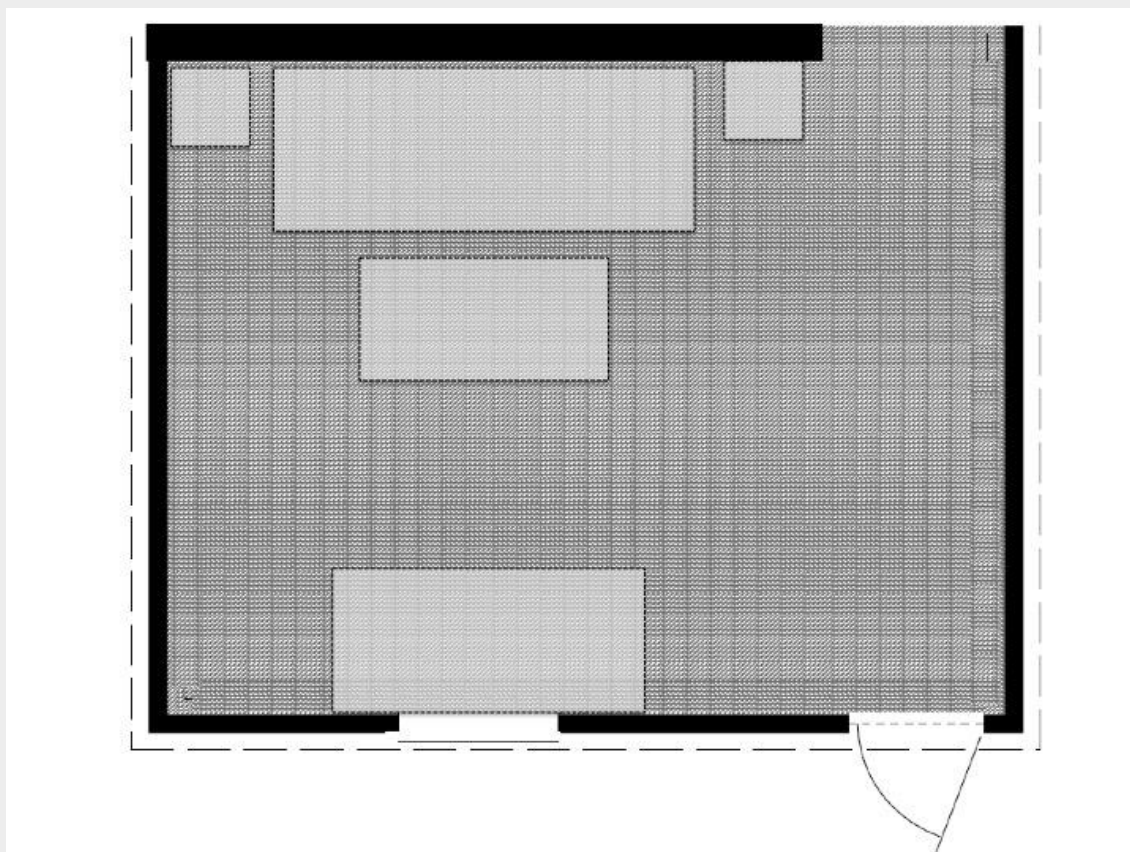
Below are exploded view diagrams\* of a single compartment. Contour lines and changes in color are used to illustrate the varying degree of fire damage on each ceiling and wall surfaces. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



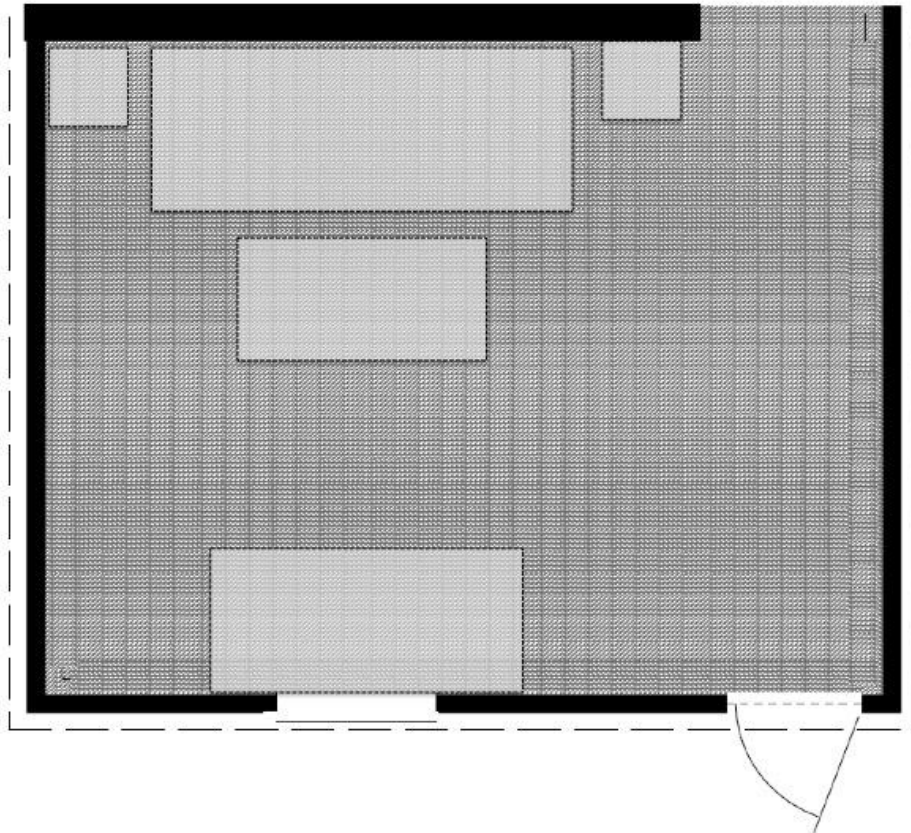
### Center of the Area of Origin Determination

Please select (click) the location on the diagram that best identifies the center of your area of origin determination. Please select only one location.



### Area of Origin Determination

Please select (click) on the region(s) of the diagram that encompass the smallest area that you feel confident in identifying as the area of origin for this fire.



fiods

### Methodology

**What was your primary consideration in choosing the area of origin?**

**What other information would you like to have seen to assist in your area of origin determination?**

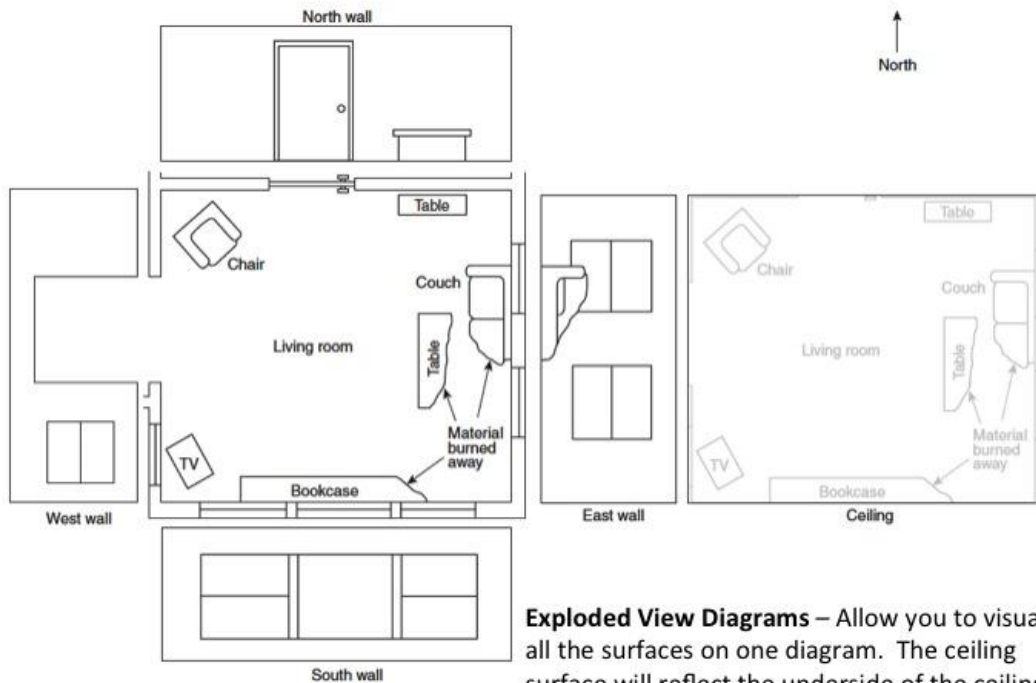
## Instructions Block

**DIRECTIONS:** There are a total of 32-sets of images that you will be shown. You will be asked to provide an area of origin determination for each set of images. You will first be asked to select the center of your area of origin and then asked to select the smallest area that encompasses your area of origin determination.

Instructions guiding your area of origin determination have been provided, please follow these guidelines in determining the bounds of your area of origin conclusion.

I appreciate your attention and effort-thanks for participating!

Exploded view diagrams are used throughout this survey to enable you to see all surfaces of the compartment in one image. Note the ceiling orientation is the same as the floor plan.



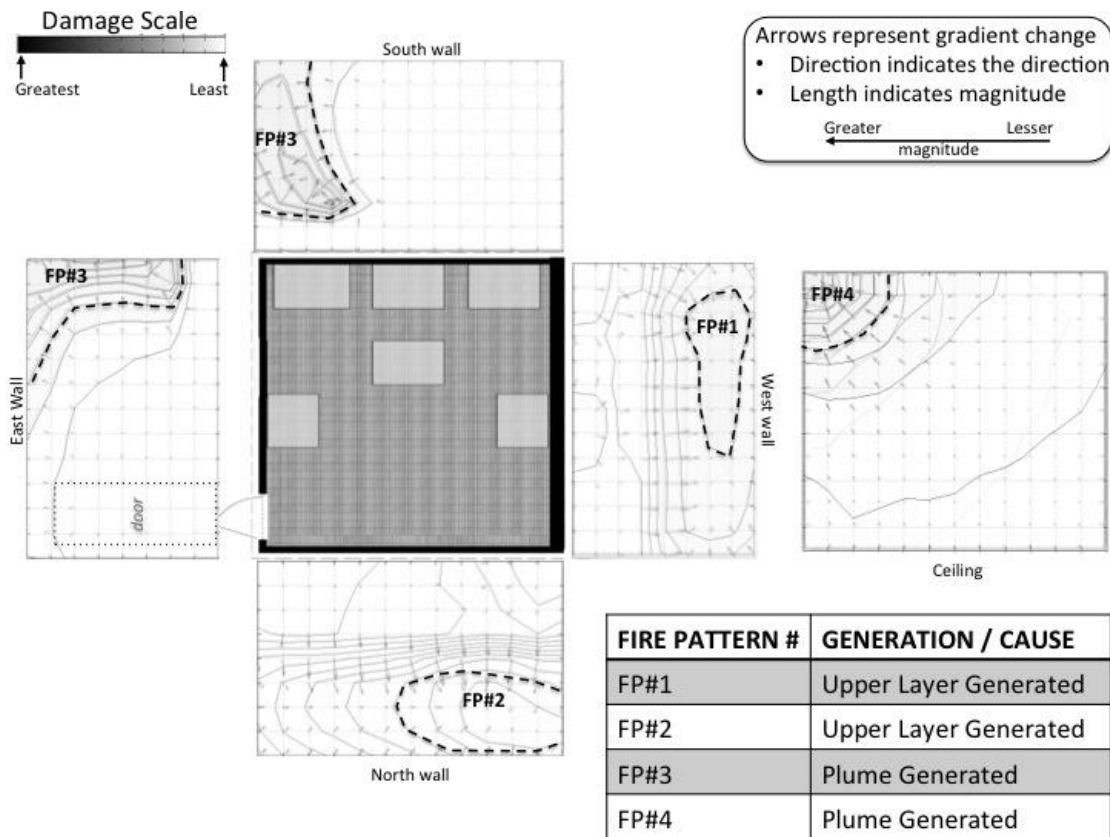
**Exploded View Diagrams** – Allow you to visualize all the surfaces on one diagram. The ceiling surface will reflect the underside of the ceiling in the same orientation as the floor plan.

## Block 1

### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

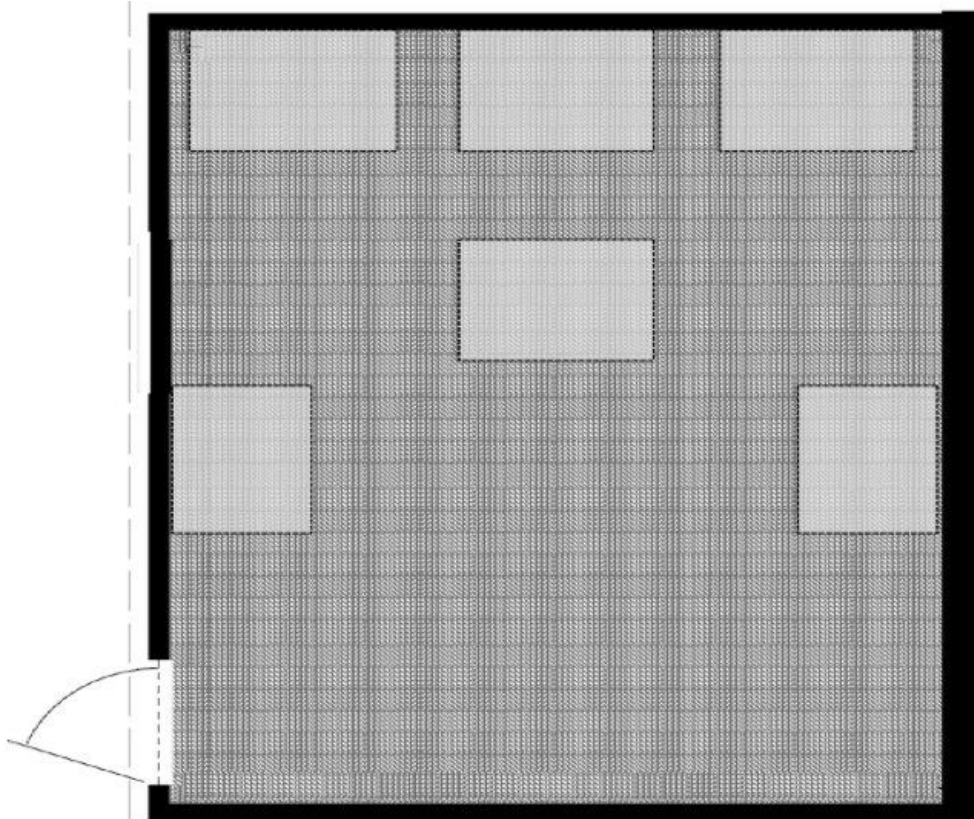
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



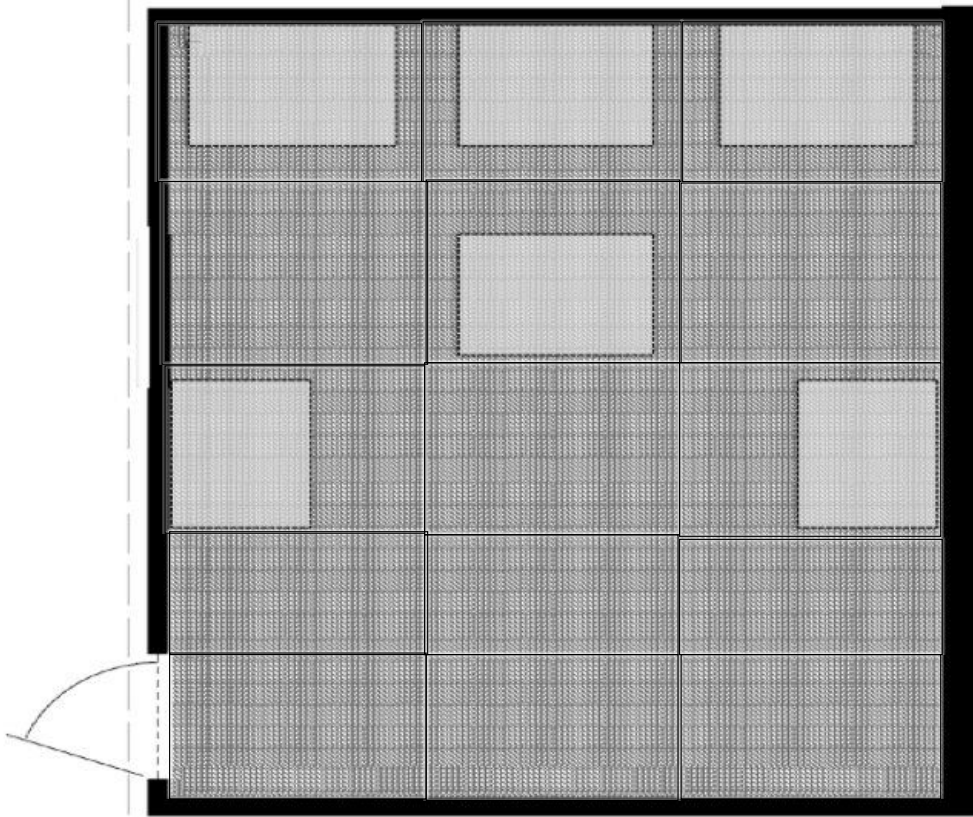
**Center of the Area of Origin Determination**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



### AREA OF ORIGIN DETERMINATION

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. Please select (click) on the region(s) of the diagram that encompass the area of origin for this fire.



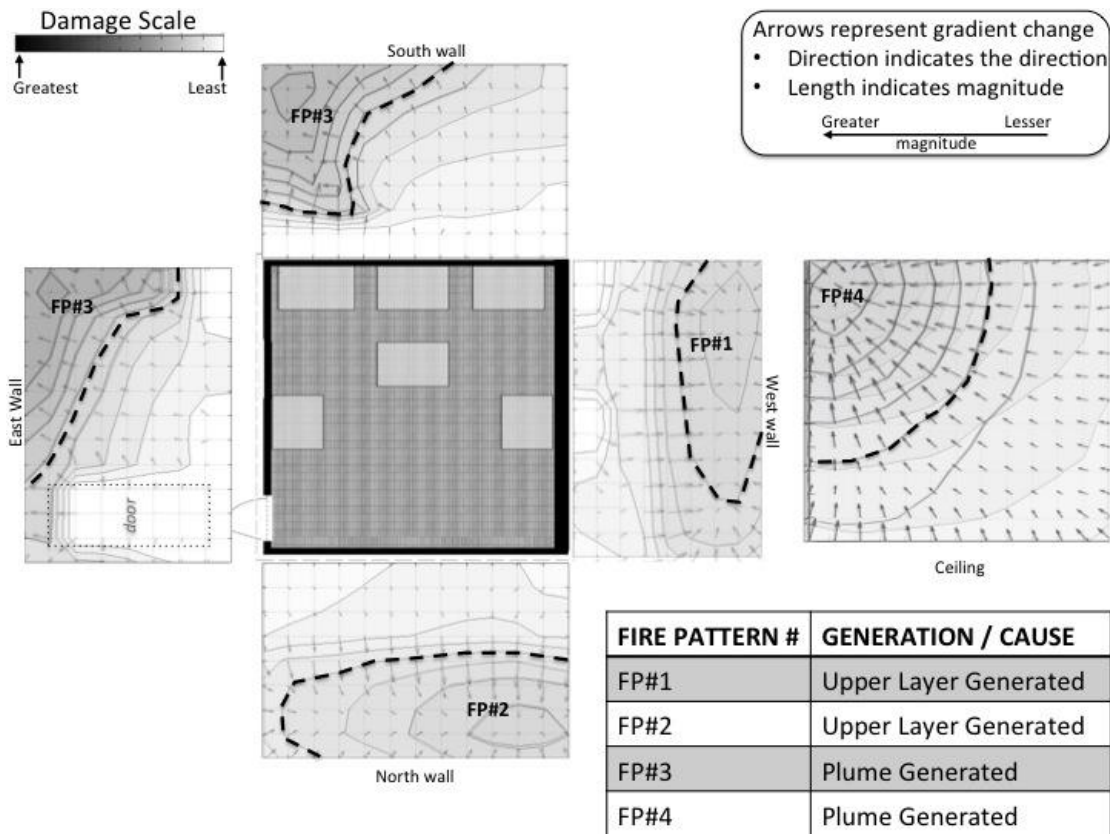
FP1, 1500, 120

### Block 2

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

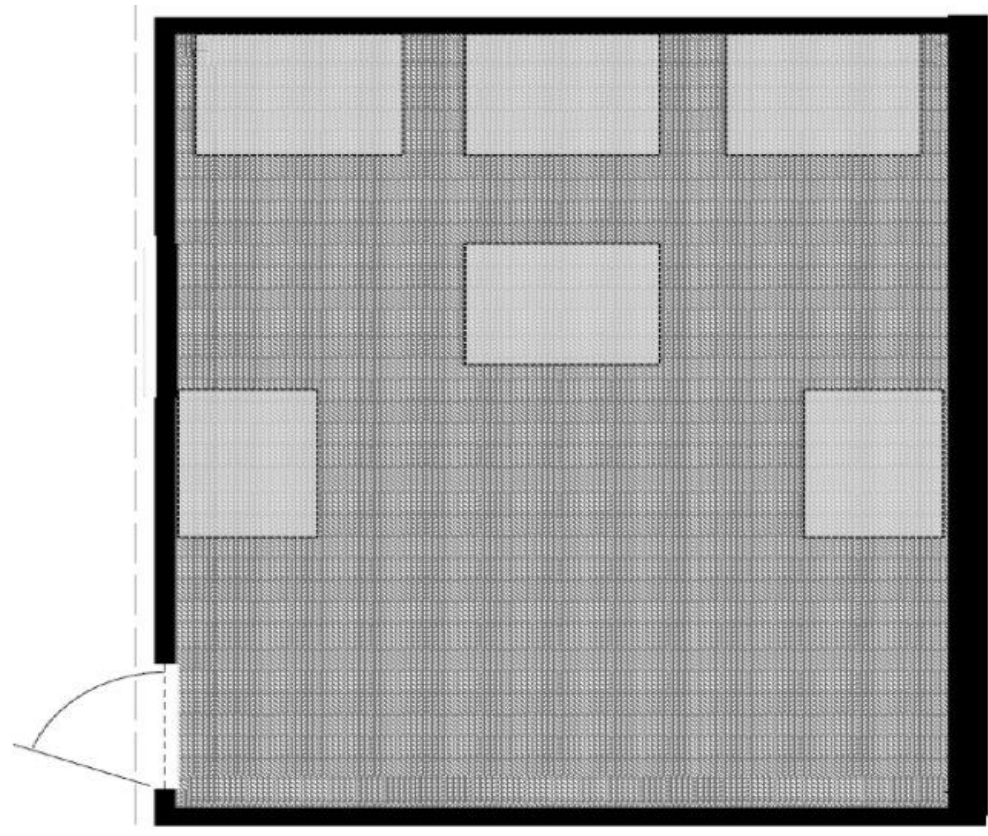
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



**Center of the Area of Origin Determination**

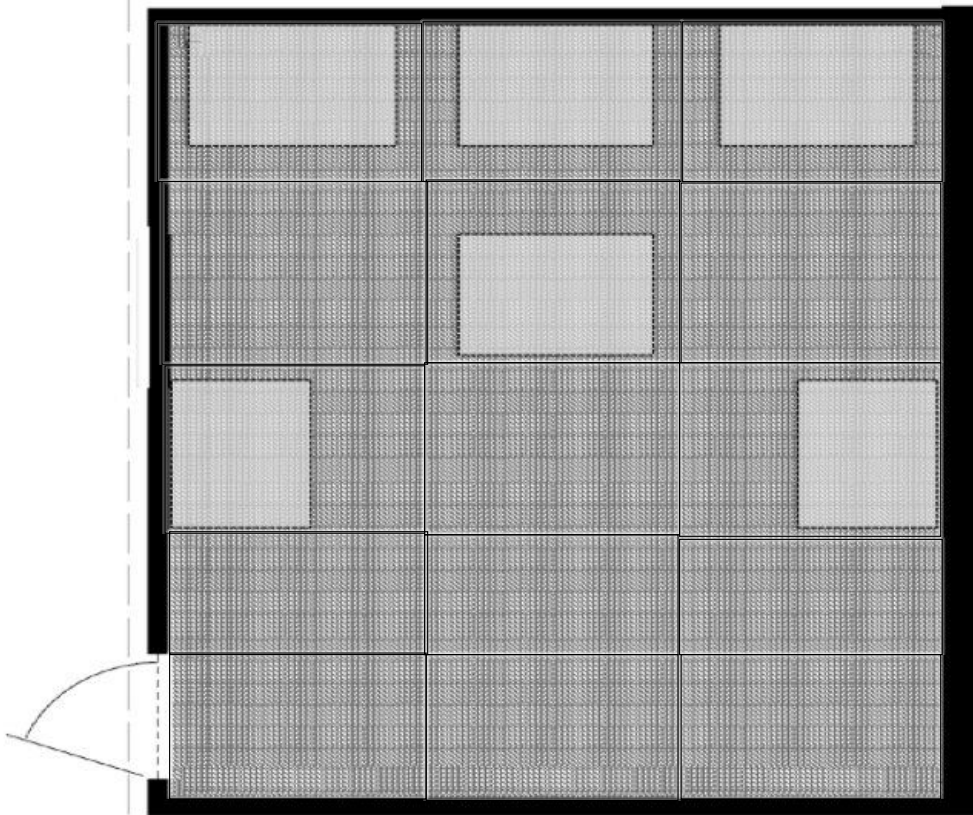
The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.





### AREA OF ORIGIN DETERMINATION

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. Please select (click) on the region(s) of the diagram that encompass the area of origin for this fire.



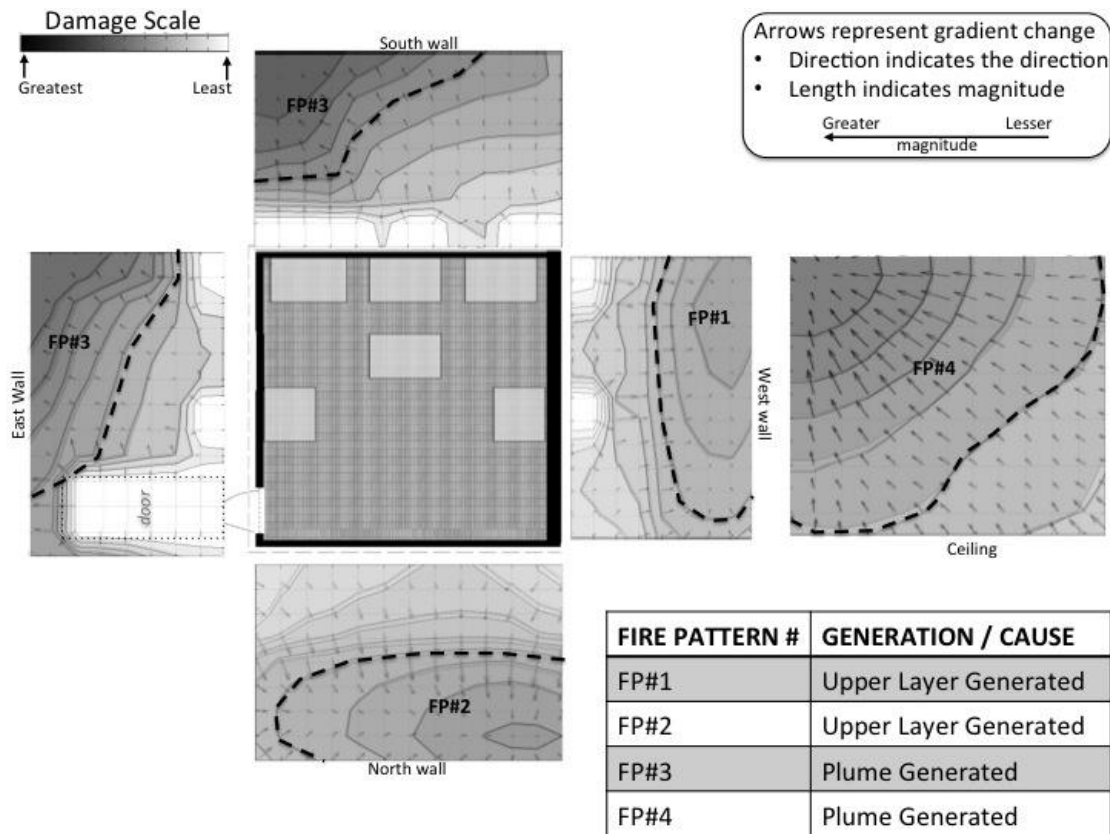
FP1, 1500, 360

### Block 3

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

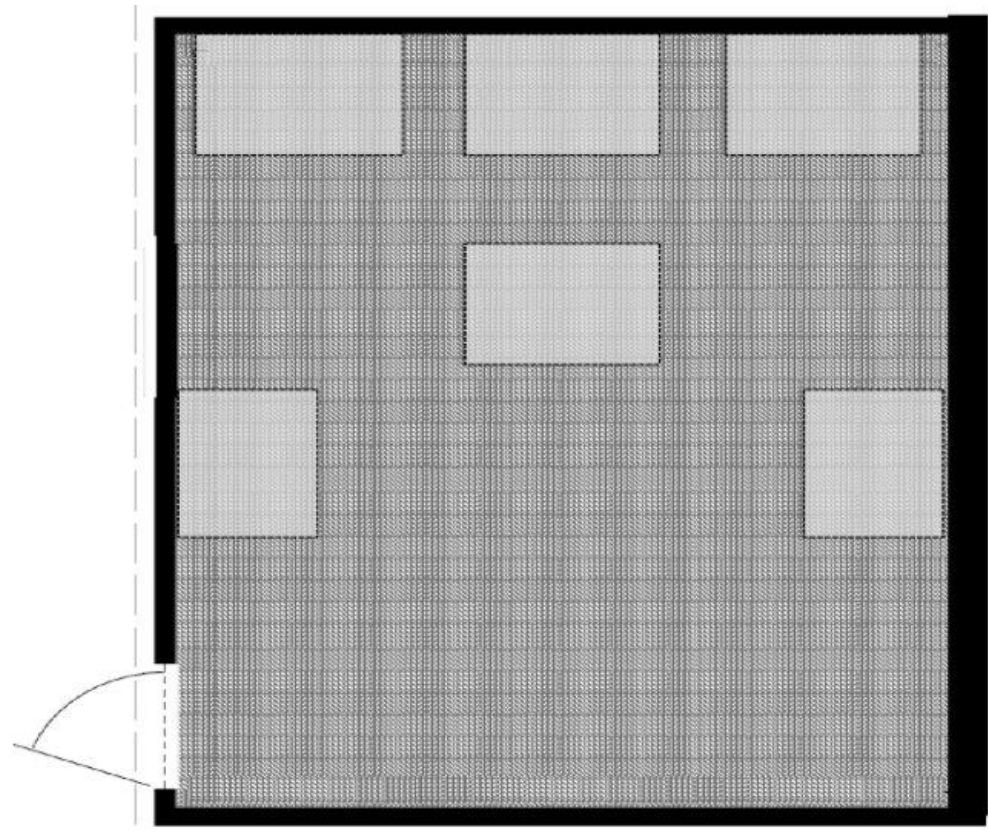
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



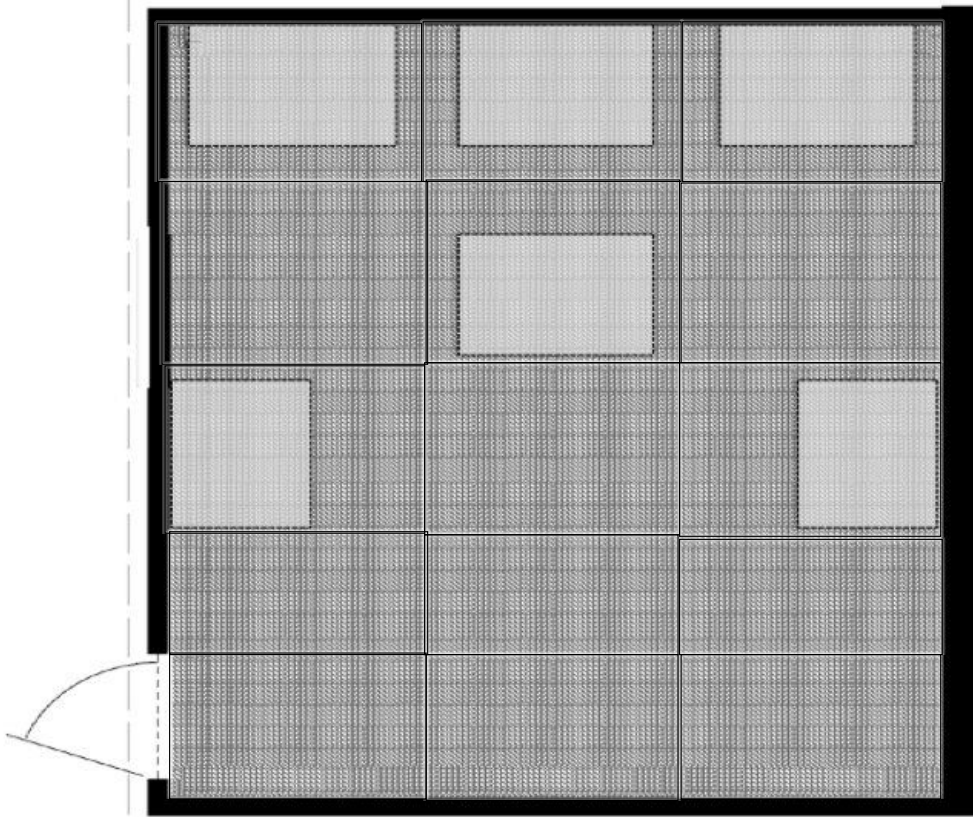
**Center of the Area of Origin Determination**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



### AREA OF ORIGIN DETERMINATION

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FP1, 1500, 900

### Block 4

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

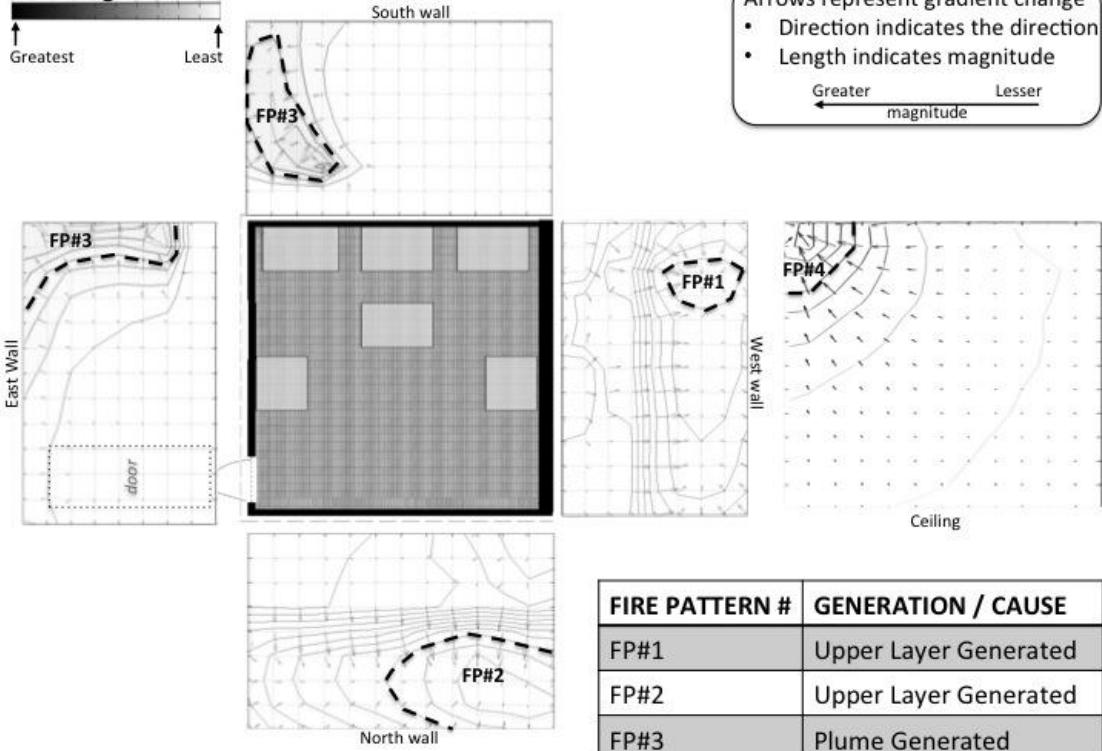
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Arrows represent gradient change

- Direction indicates the direction
- Length indicates magnitude

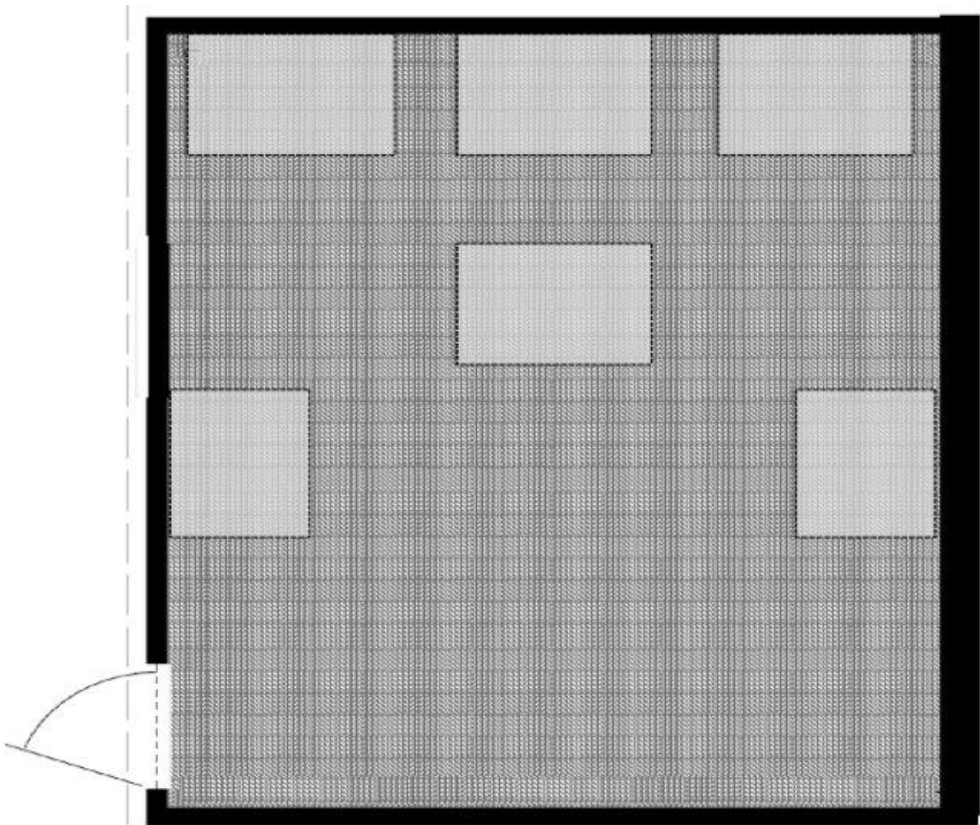
Greater ← magnitude → Lesser



FIRE PATTERN #	GENERATION / CAUSE
FP#1	Upper Layer Generated
FP#2	Upper Layer Generated
FP#3	Plume Generated
FP#4	Plume Generated

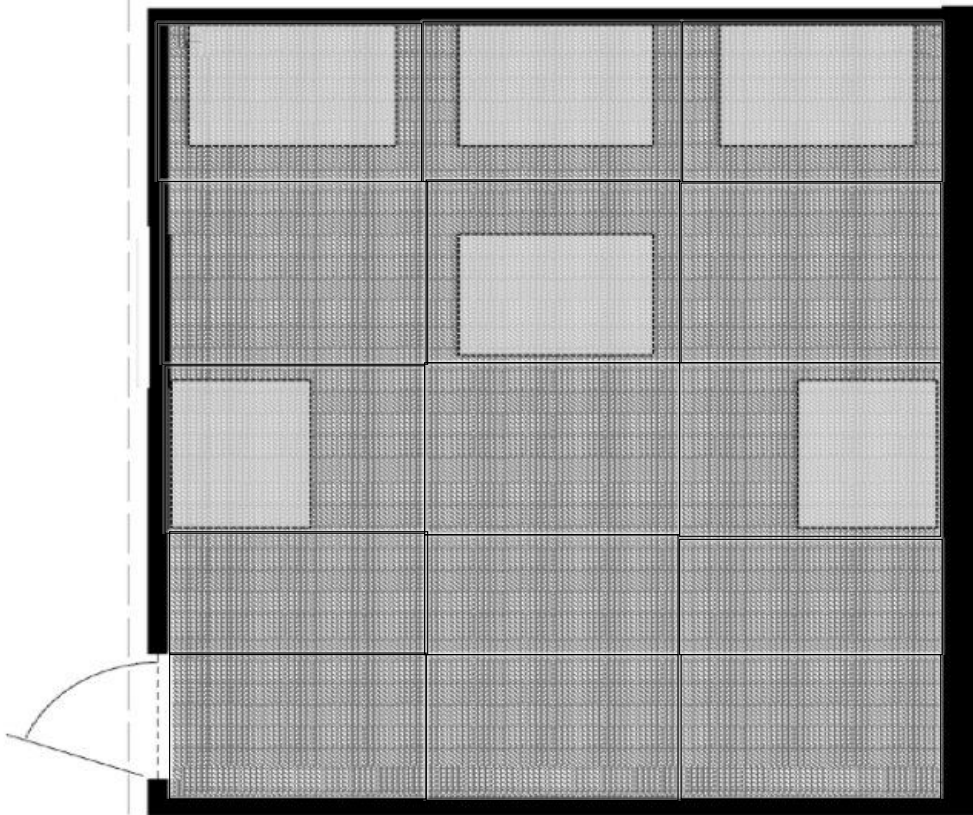
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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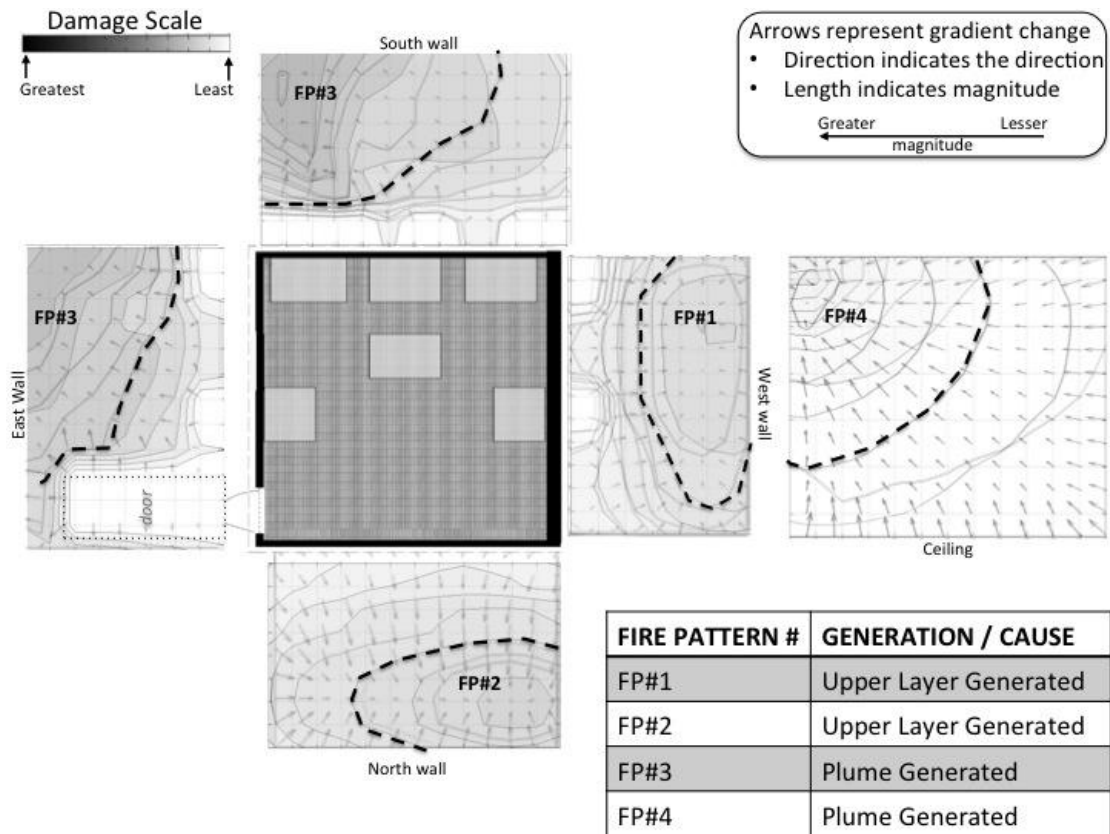
FP1, 4000, 120

### Block 5

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

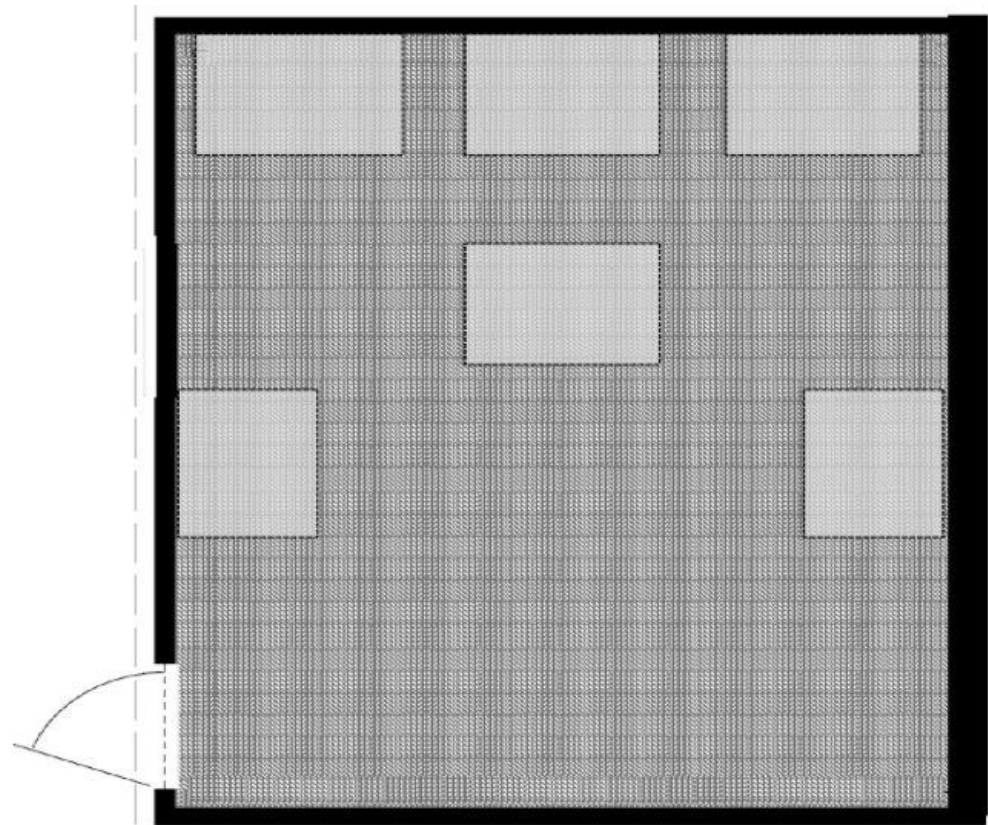
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

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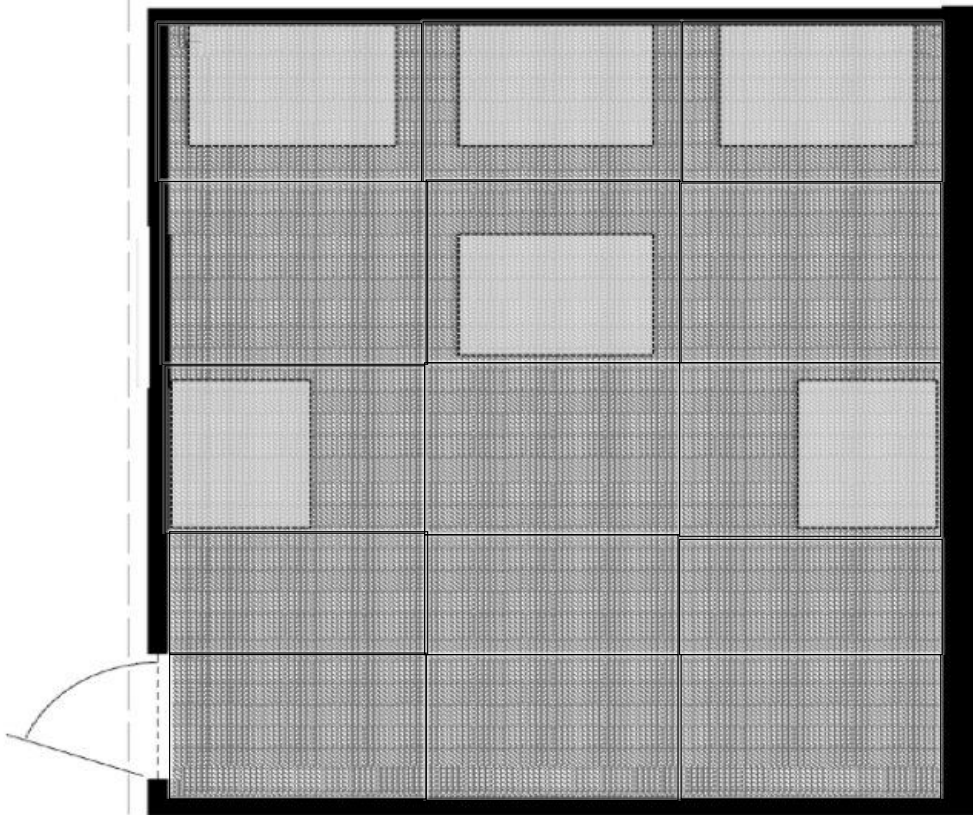
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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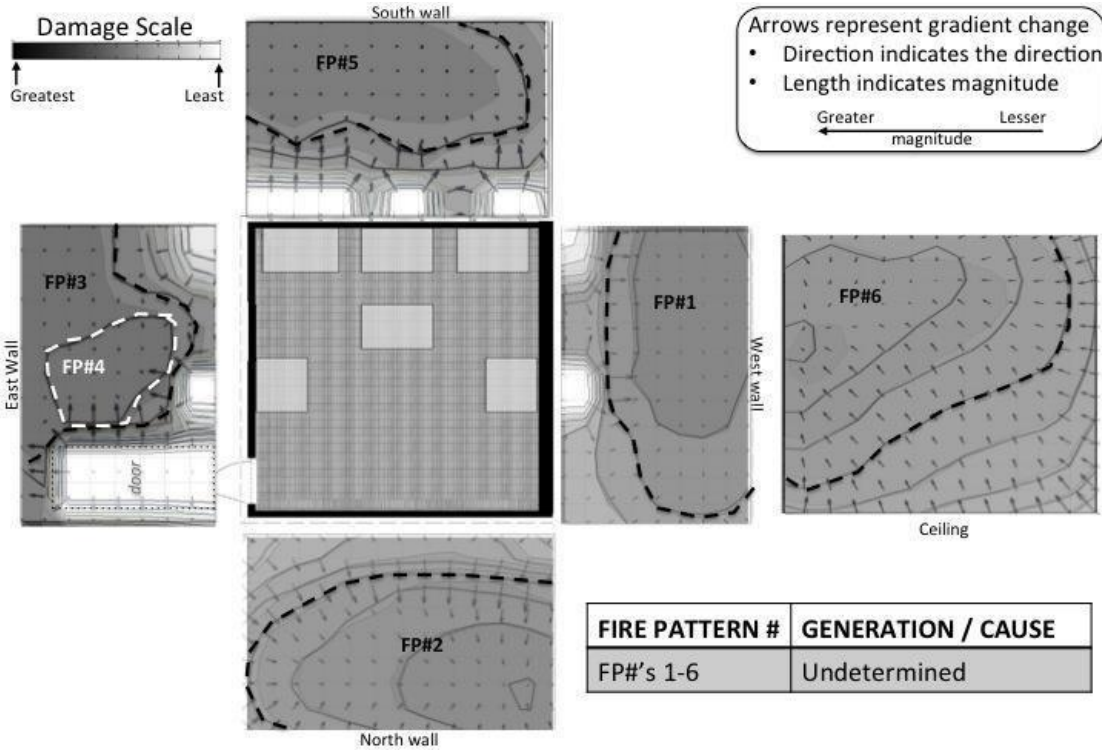
FP1, 4000, 360

### Block 6

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

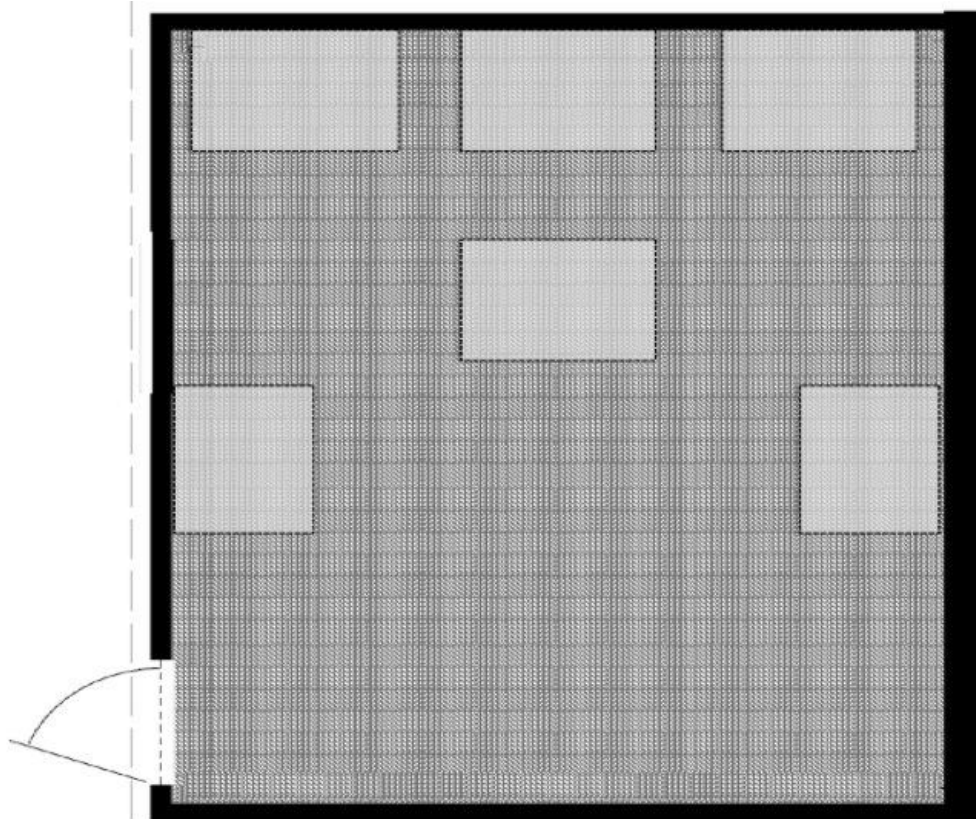
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

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**CENTER OF THE AREA OF ORIGIN DETERMINATION**

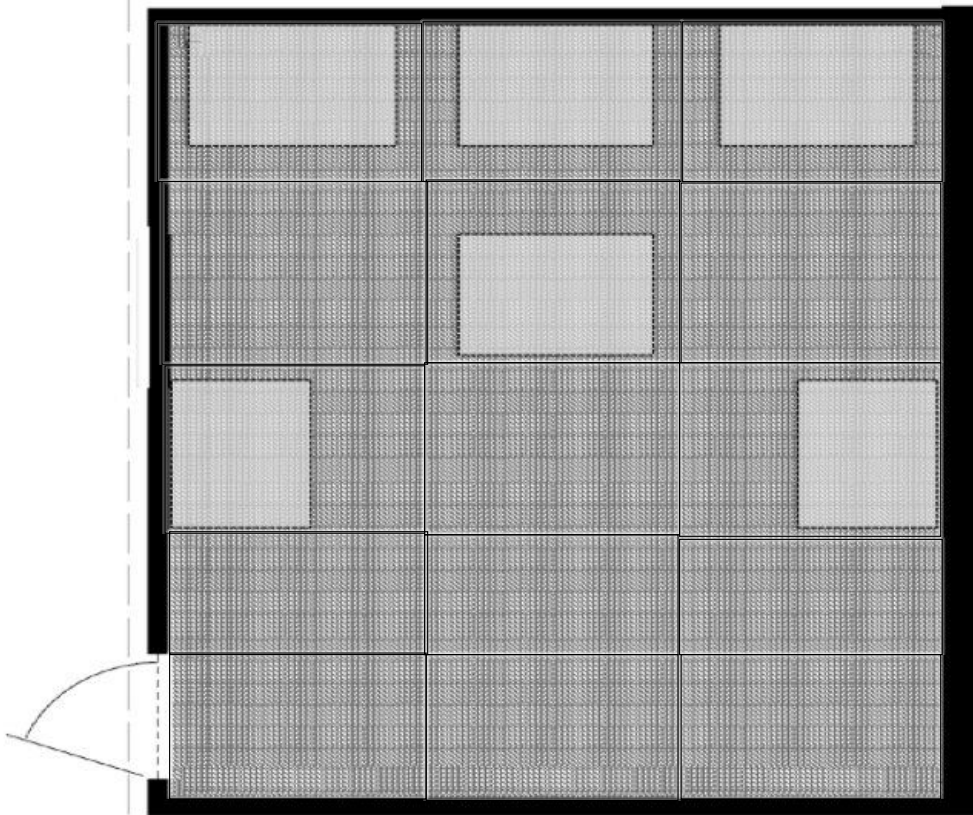
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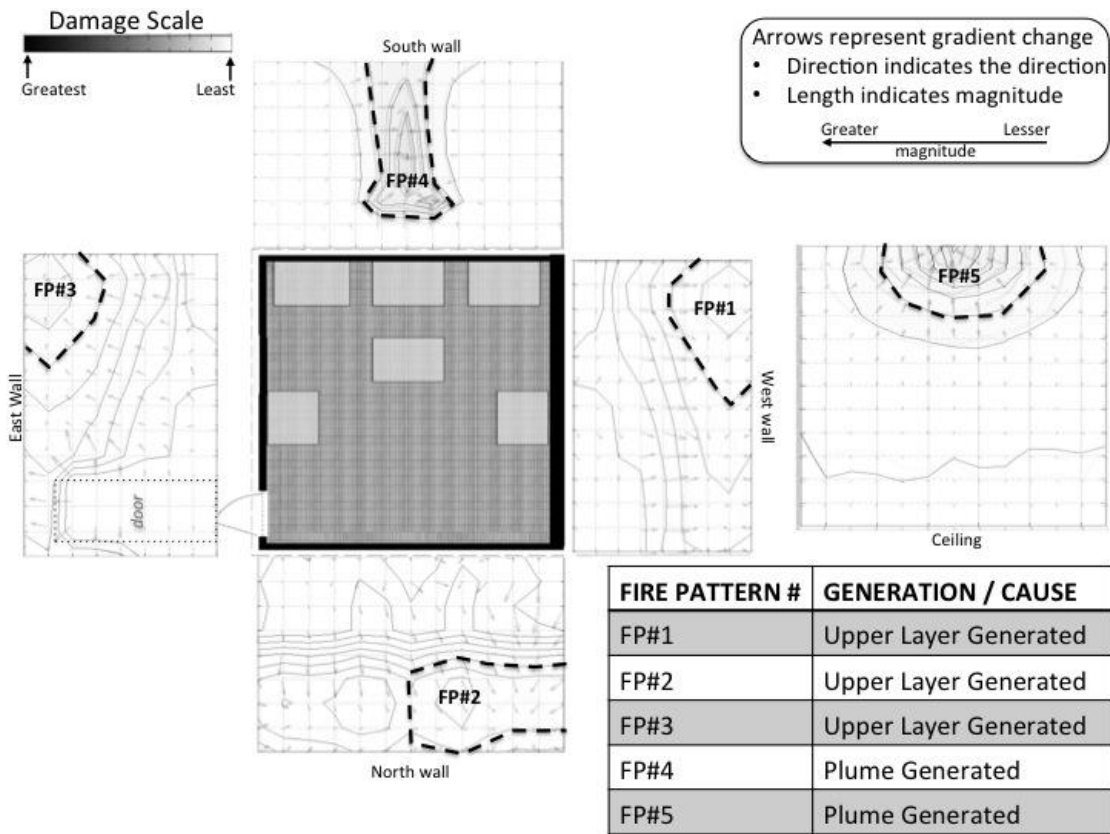
FP1, 4000, 900

### Block 7

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

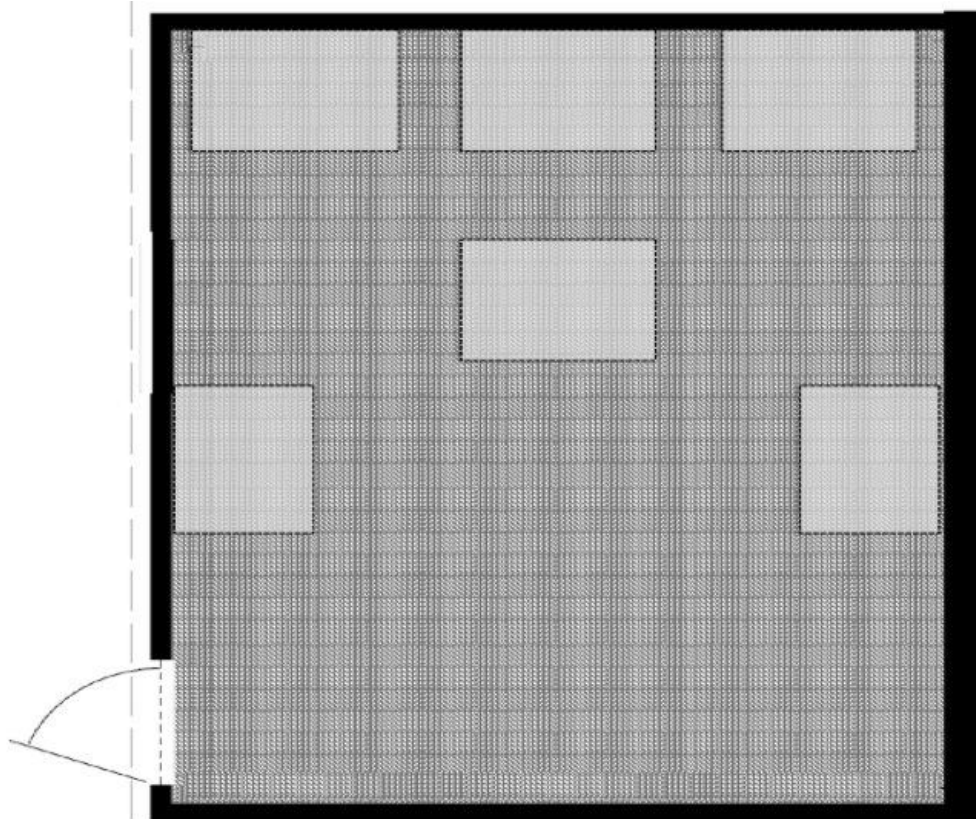
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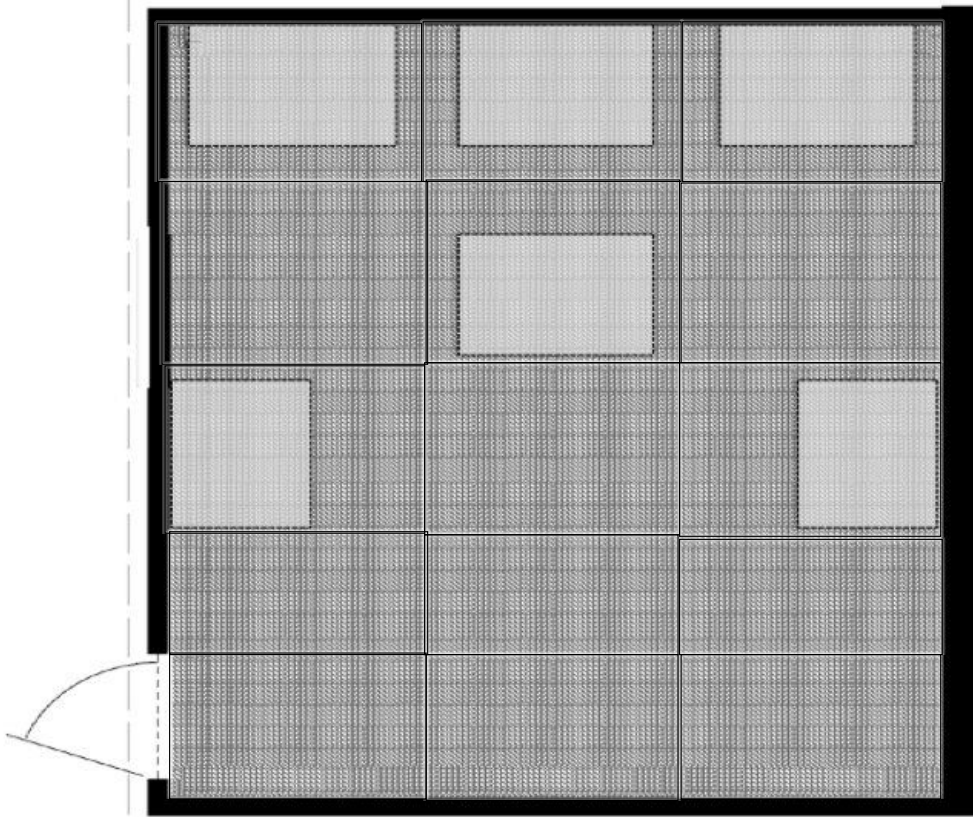
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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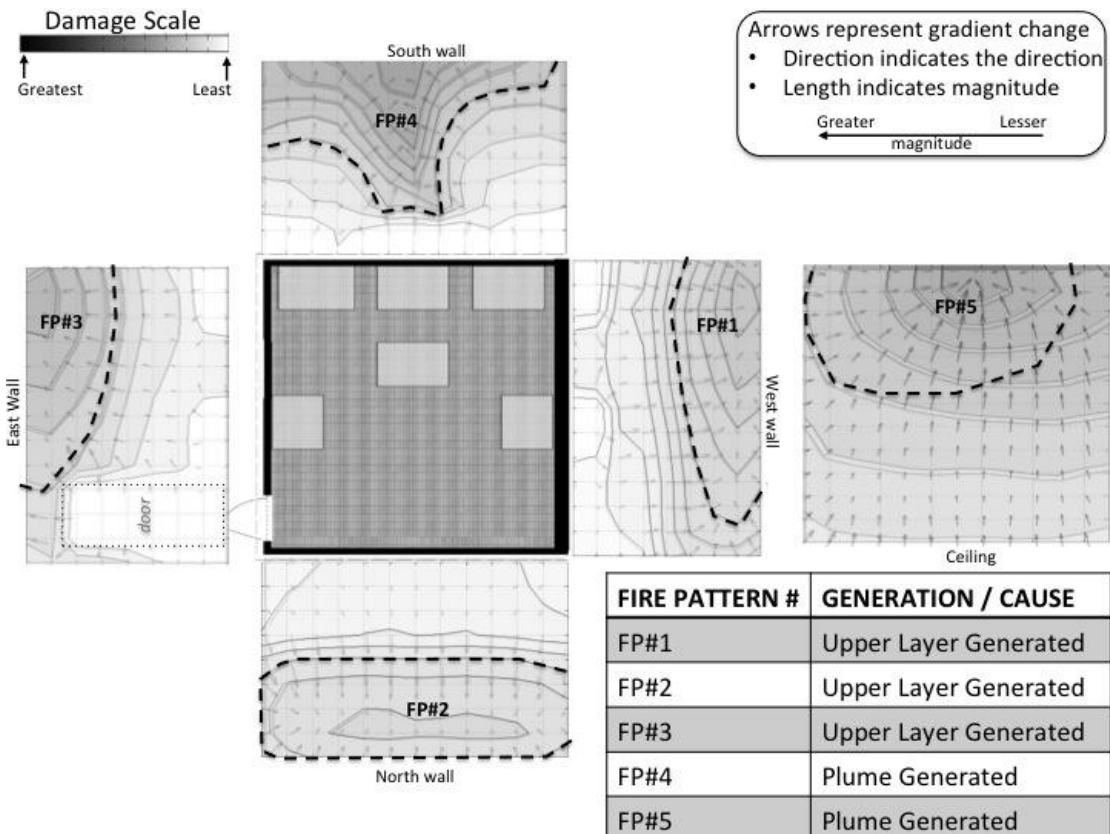
FP2, 1500, 120

### Block 8

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

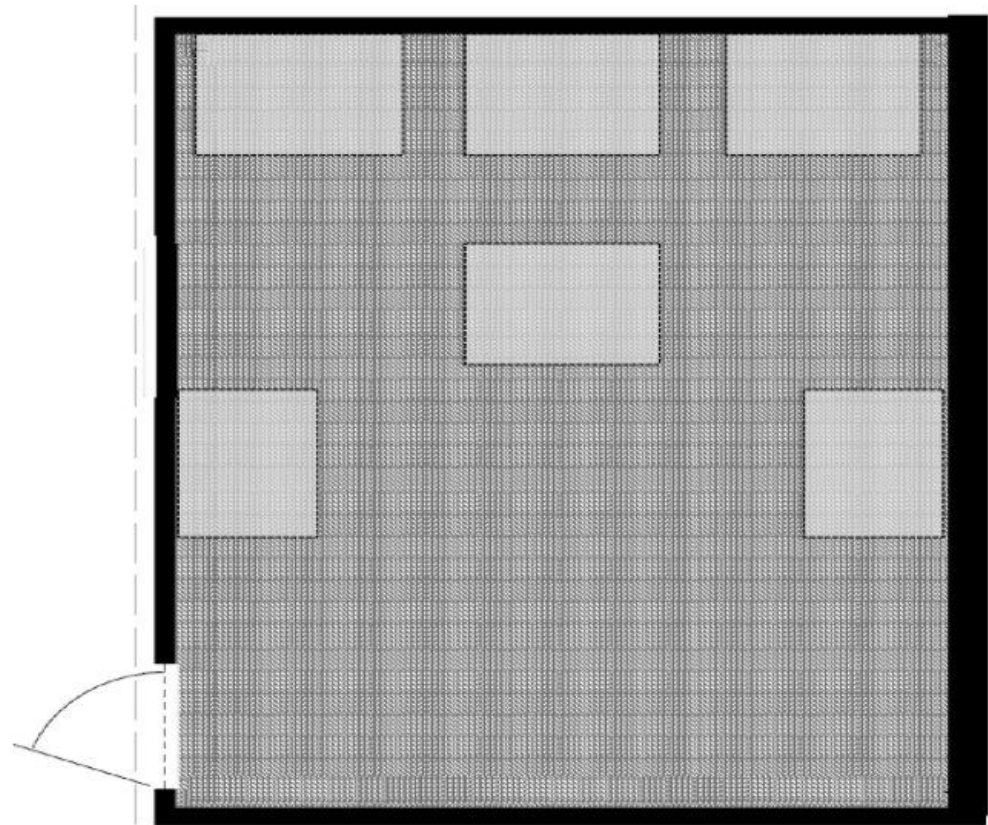
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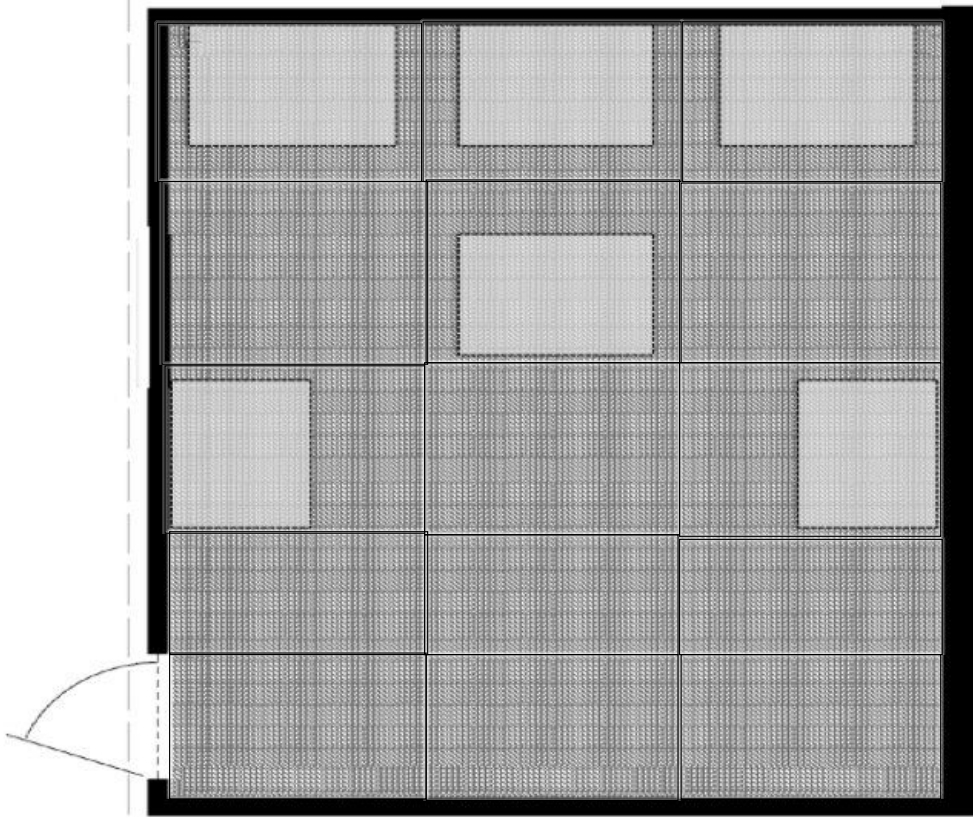
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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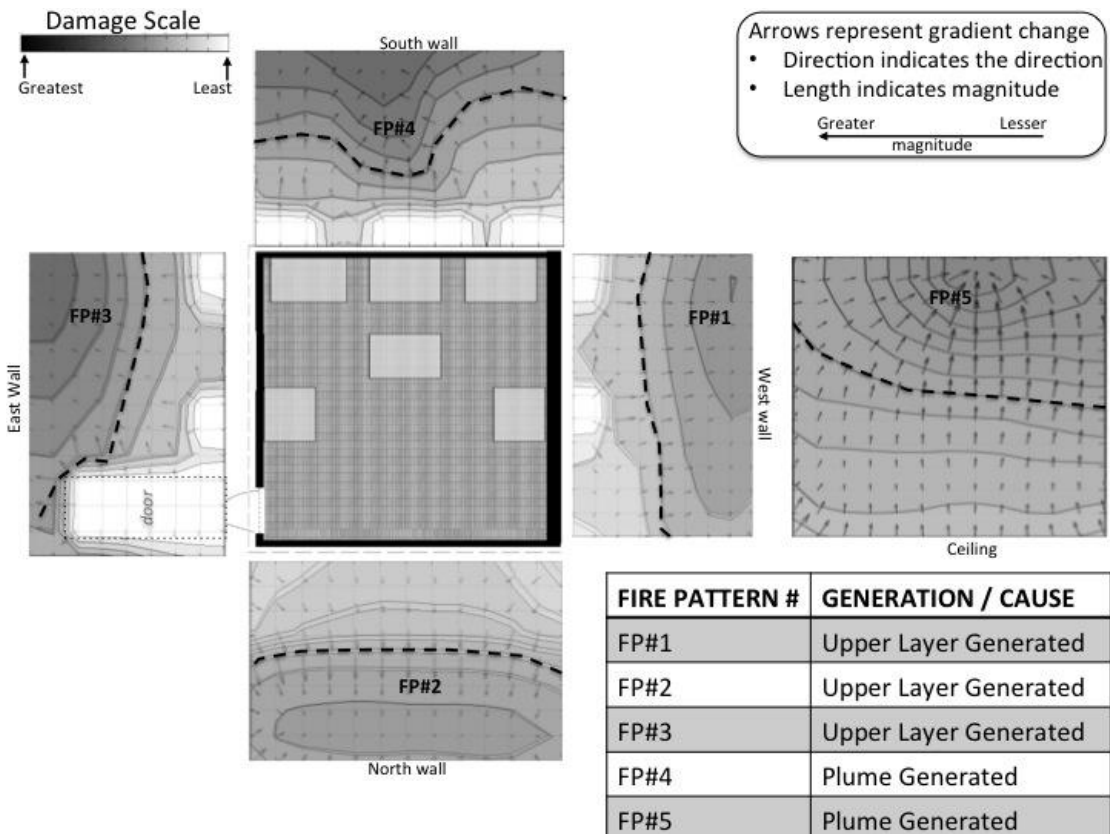
FP2, 1500, 360

### Block 9

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

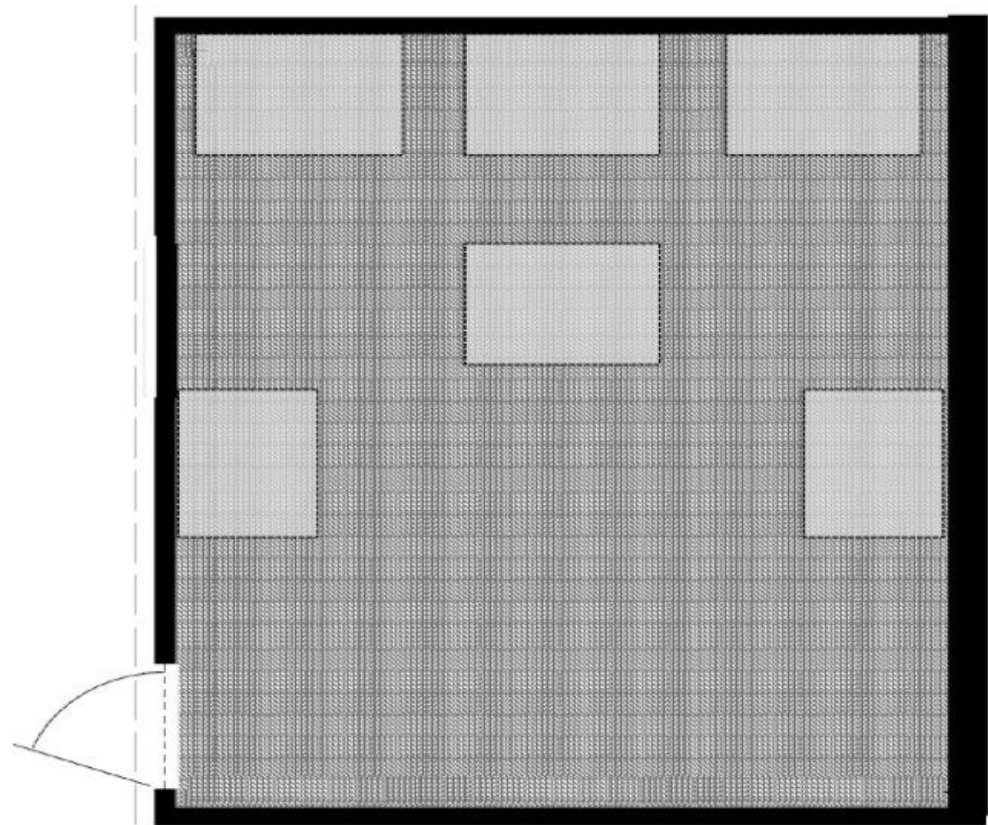
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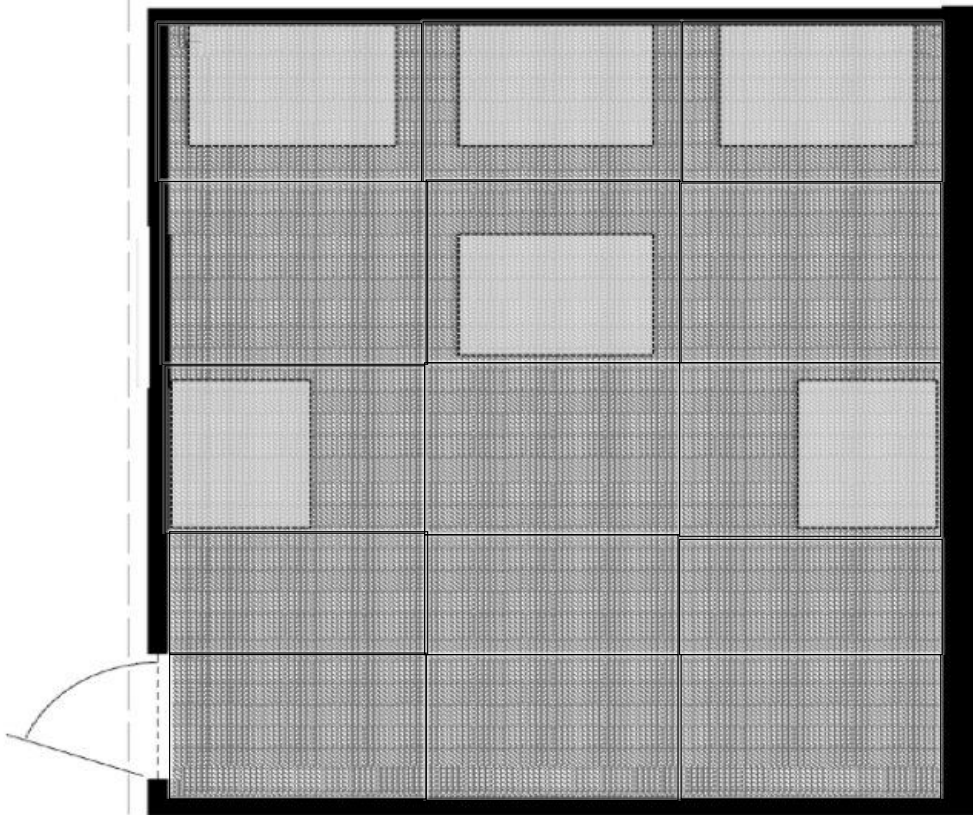
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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FP2, 1500, 900

### Block 10

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

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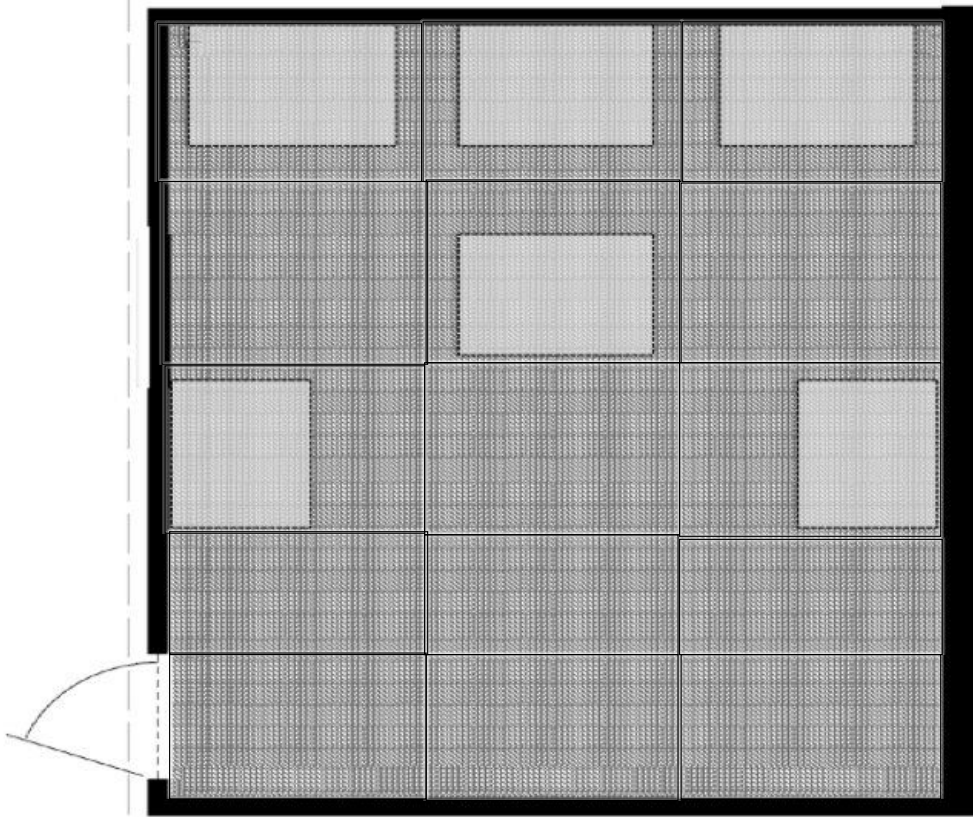
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## AREA OF ORIGIN DETERMINATION

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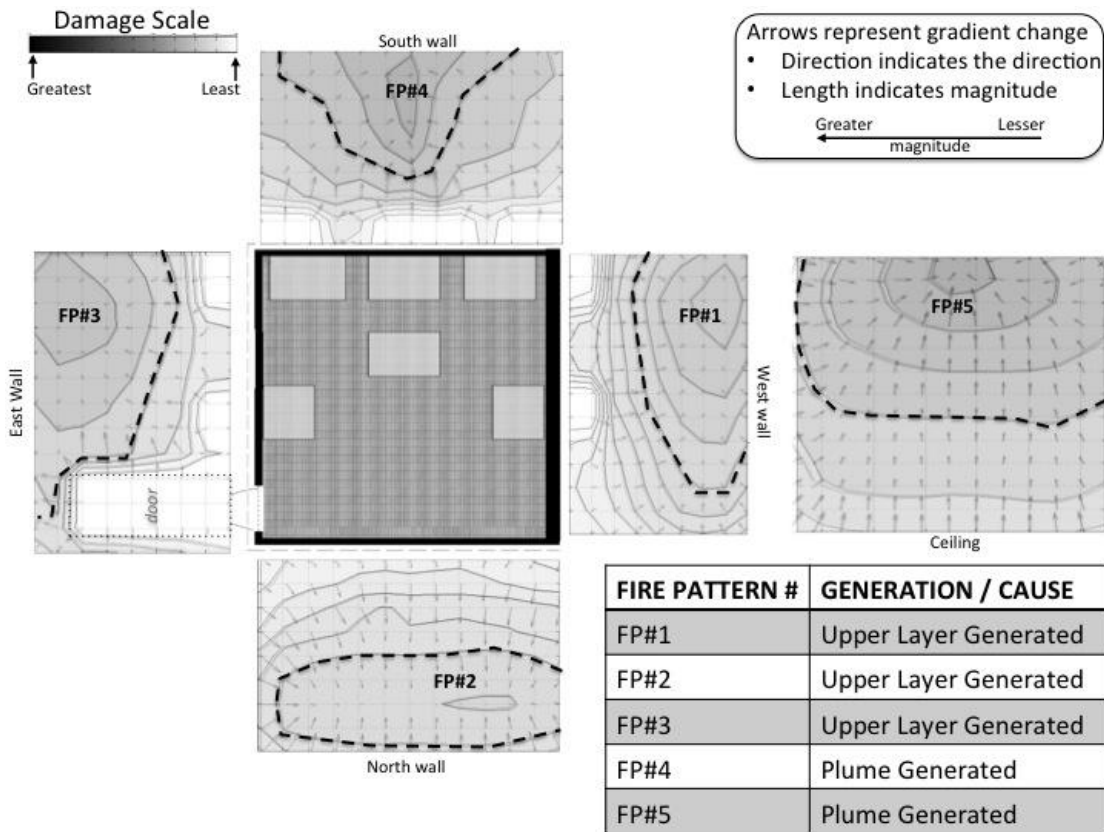
FP2, 4000, 120

## Block 11

### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

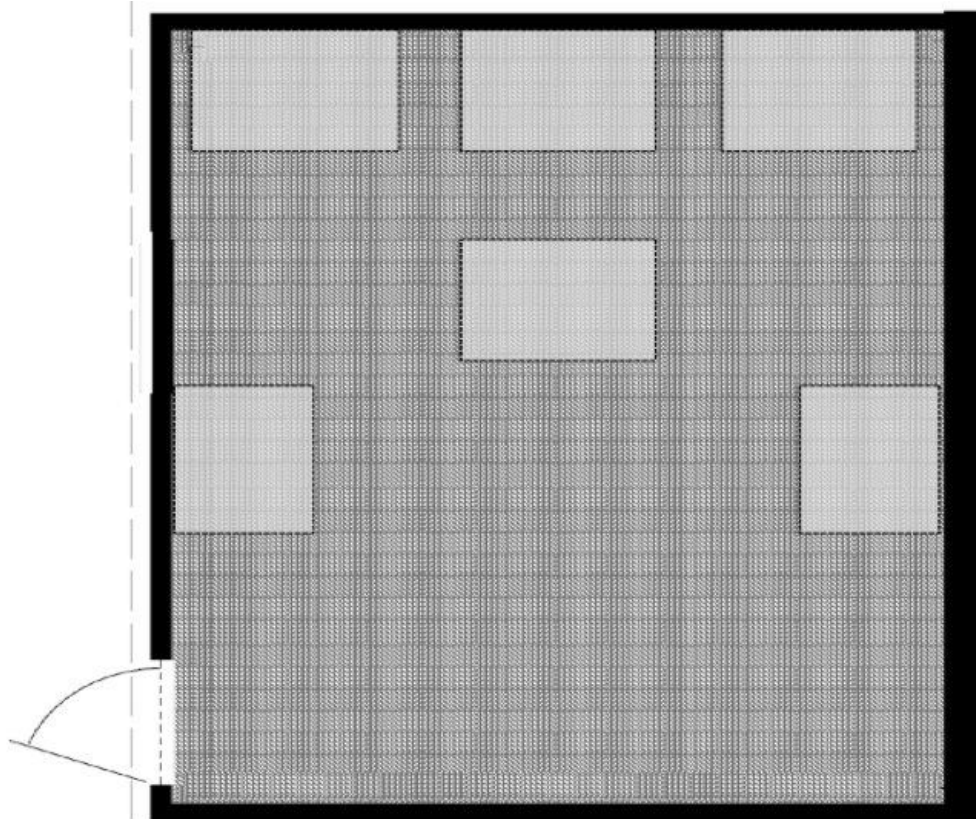
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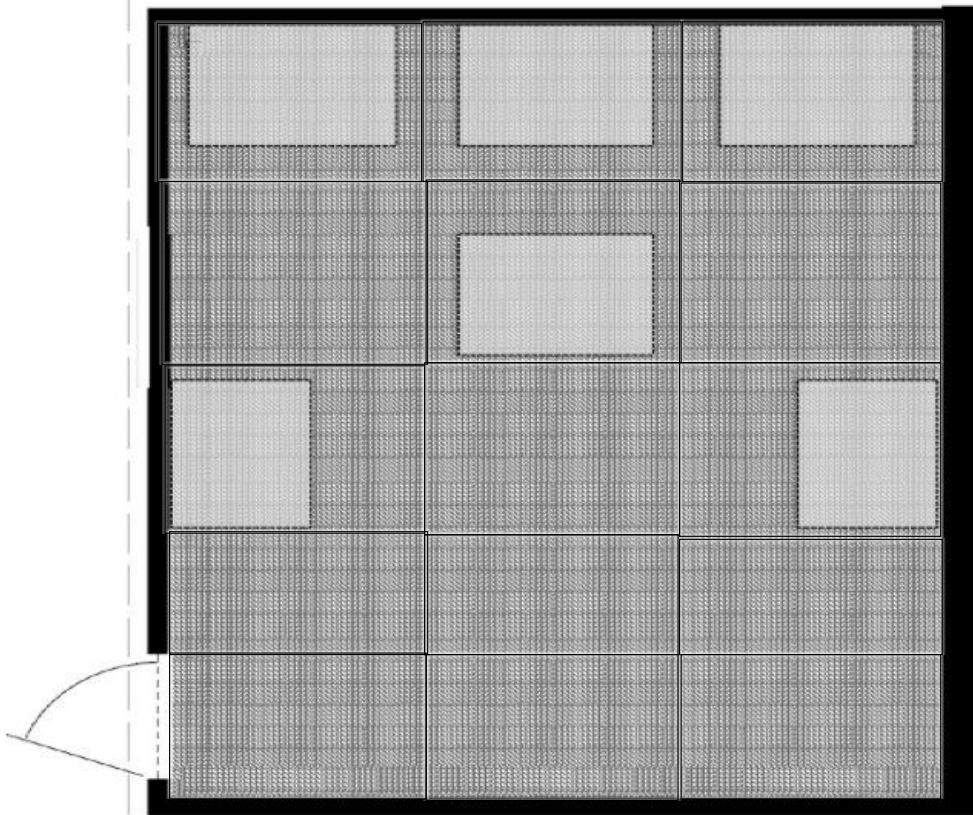
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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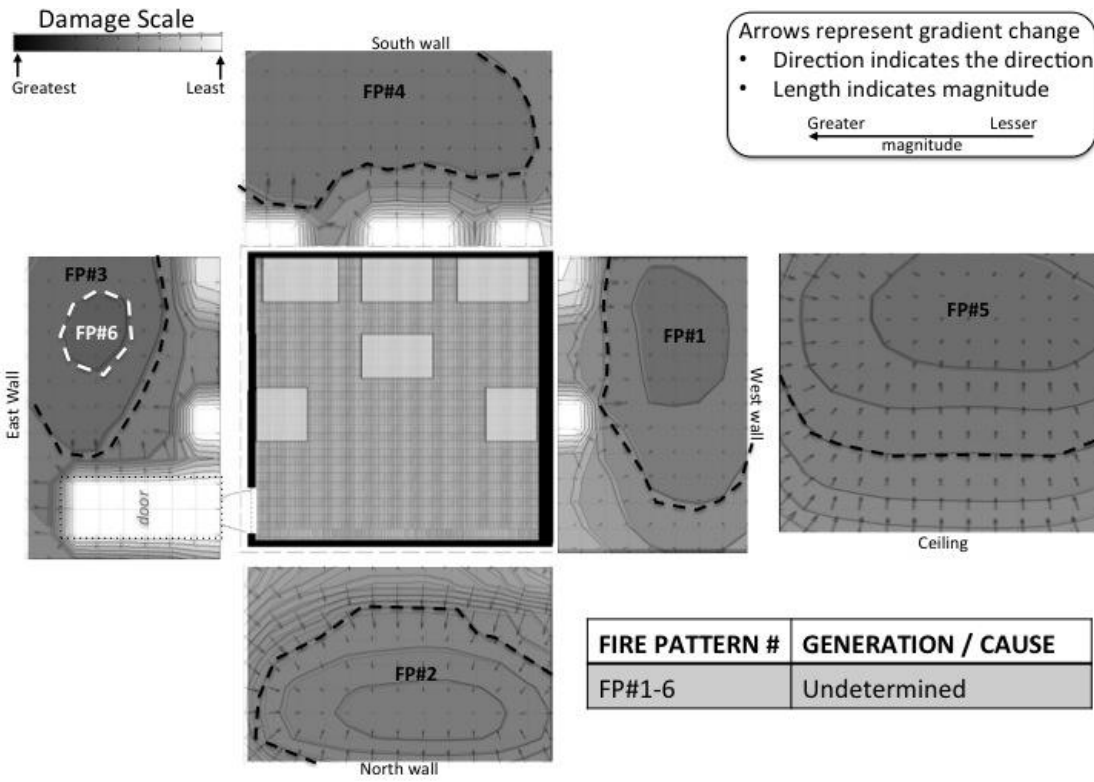
FP2, 4000, 360

### Block 12

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

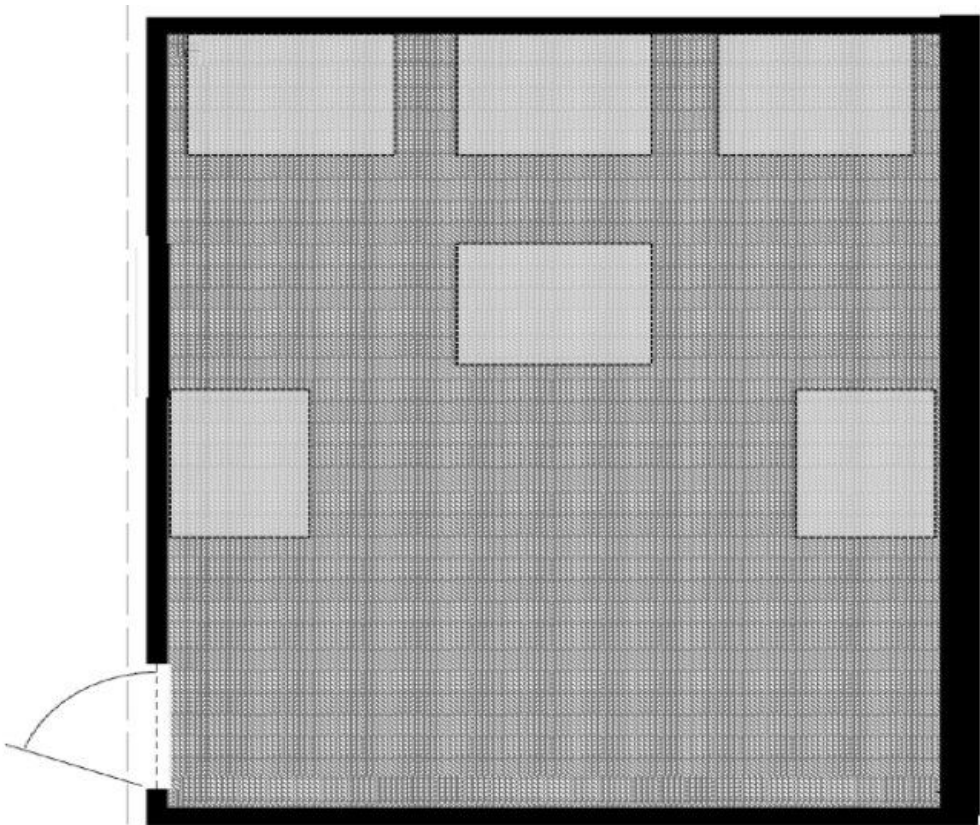
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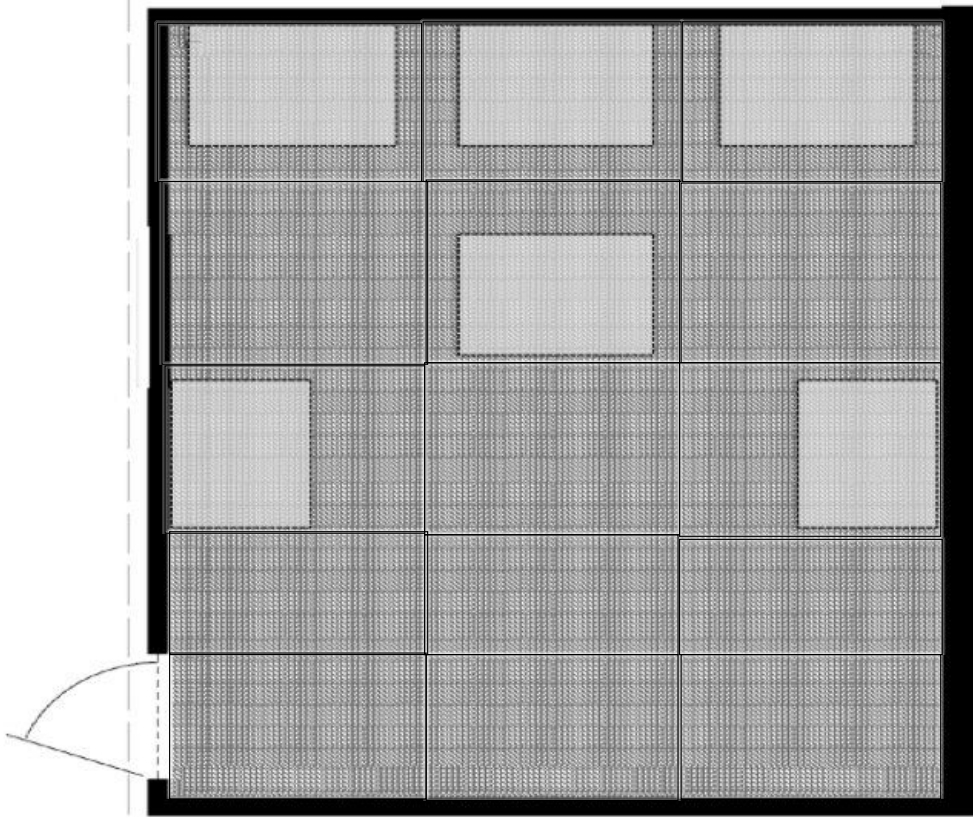
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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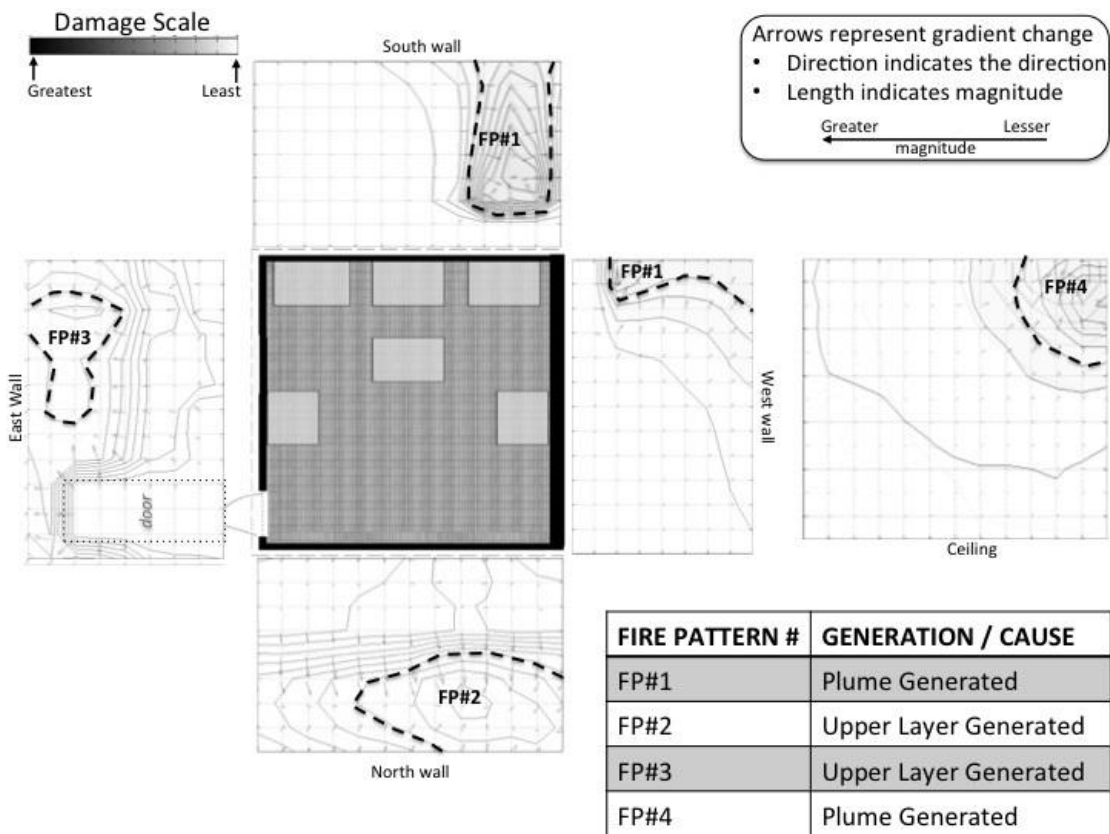
FP2, 4000, 900

### Block 13

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

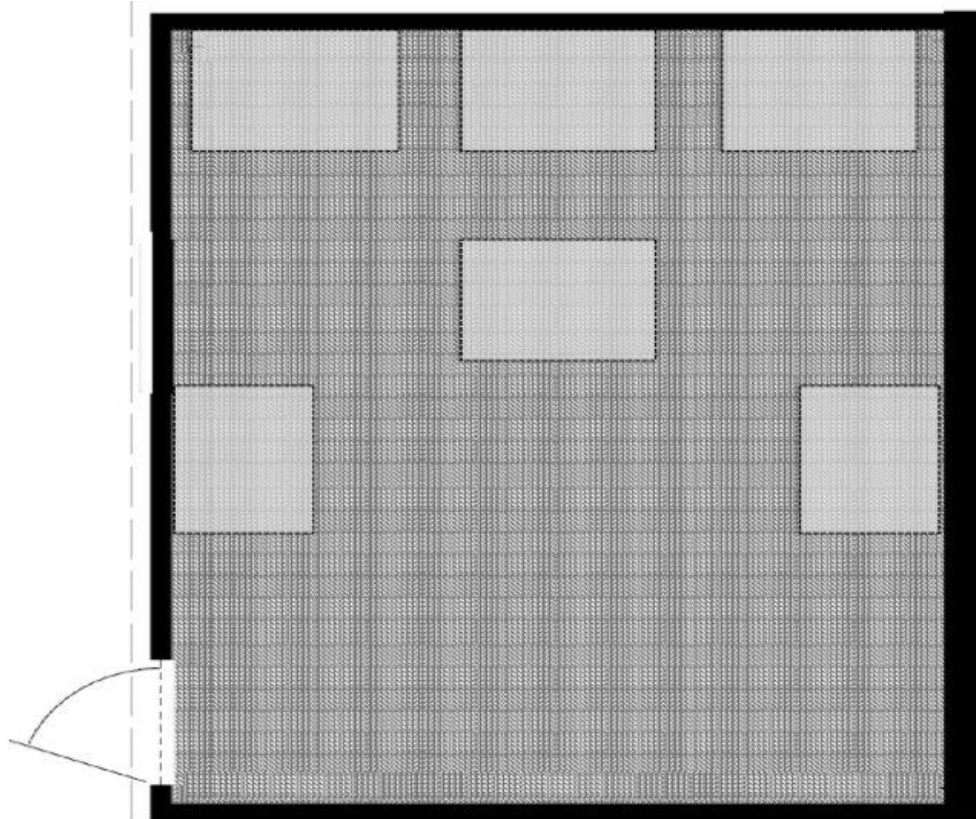
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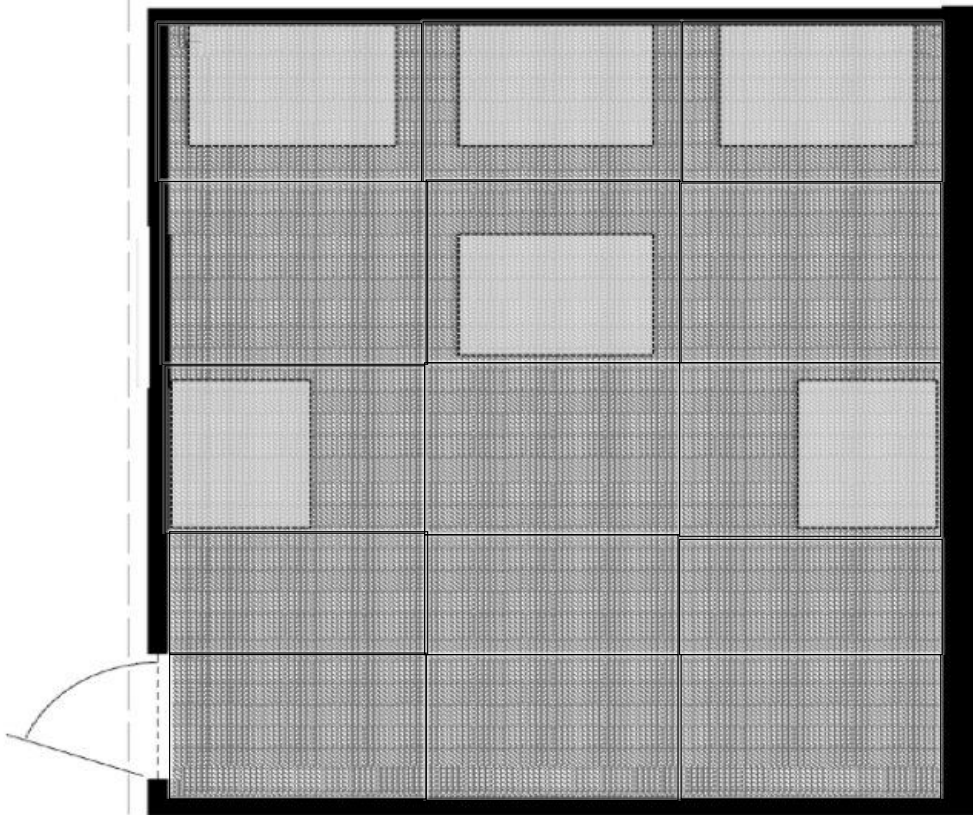
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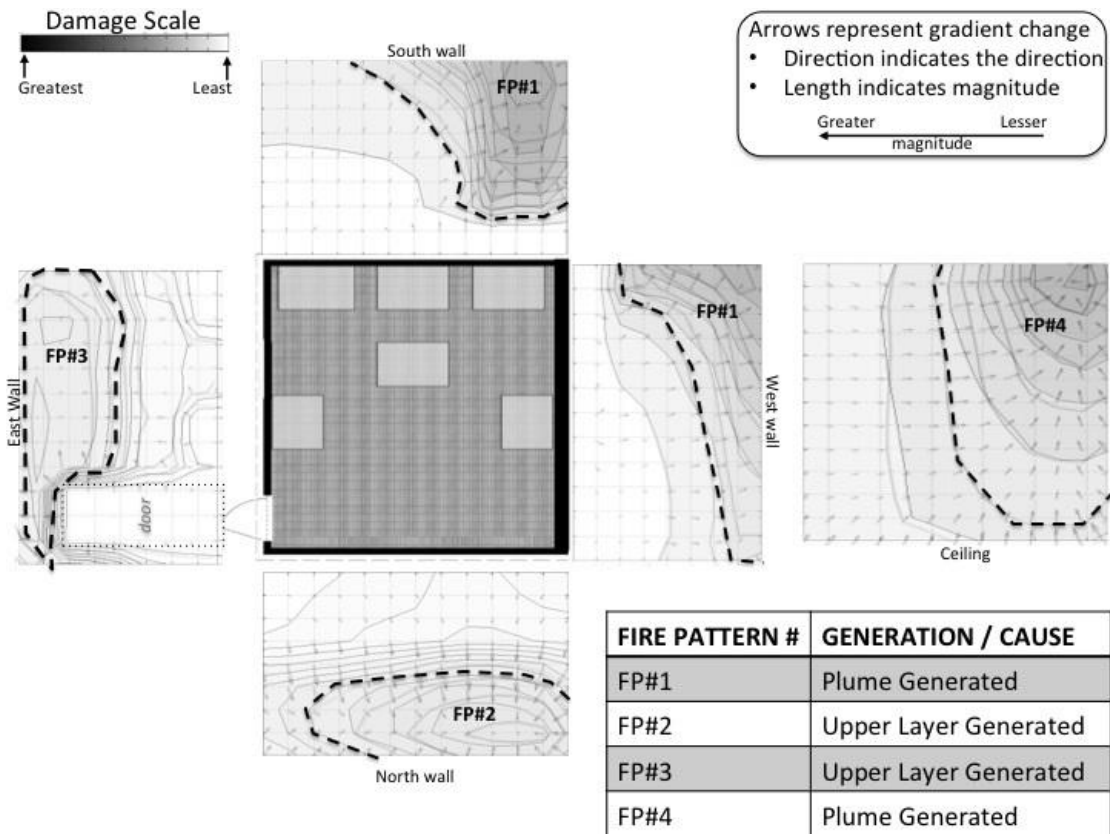
FP3, 1500, 120

### Block 14

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

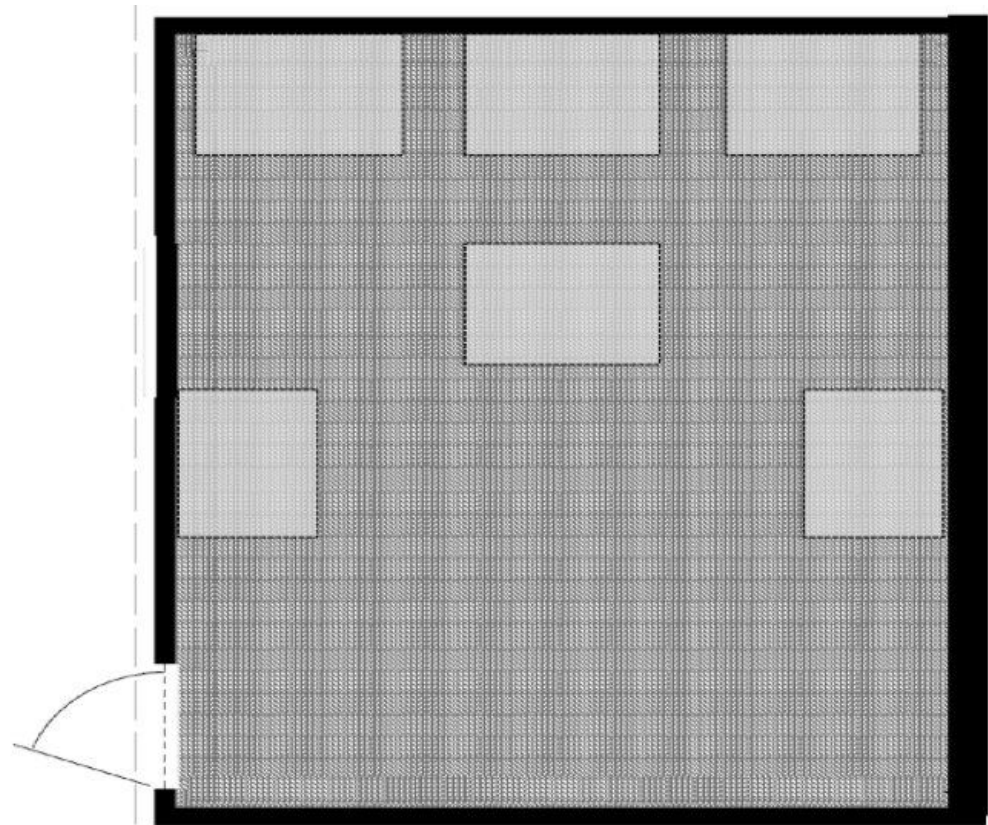
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**CENTER OF THE AREA OF ORIGIN DETERMINATION**

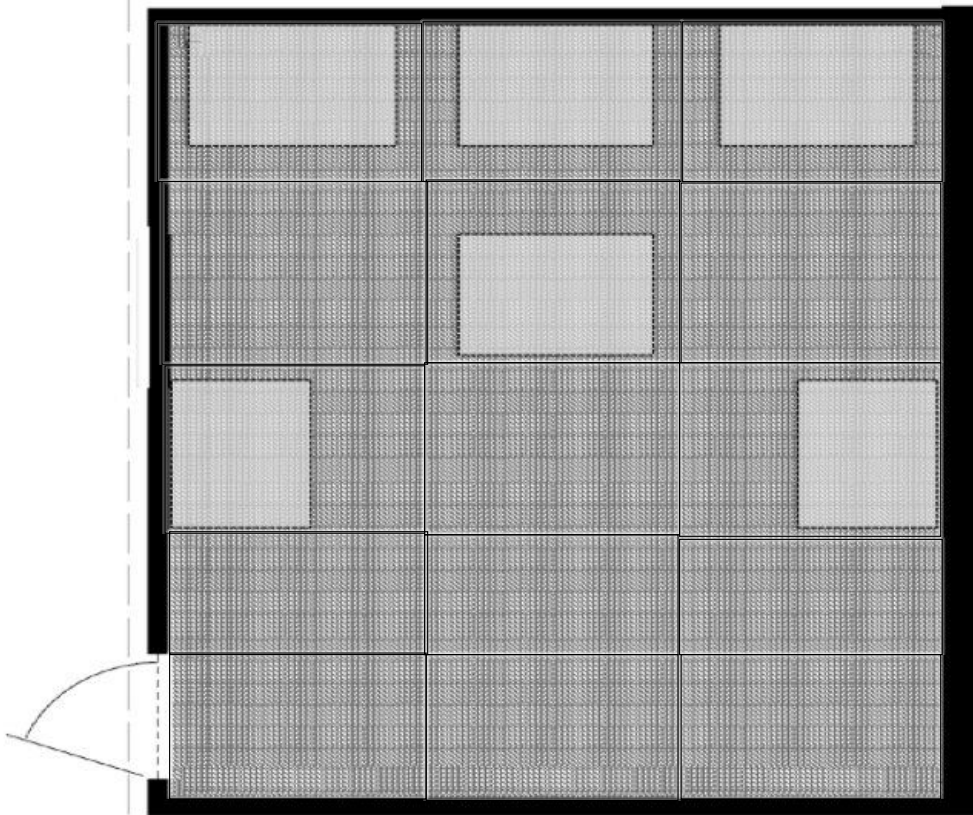
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### AREA OF ORIGIN DETERMINATION

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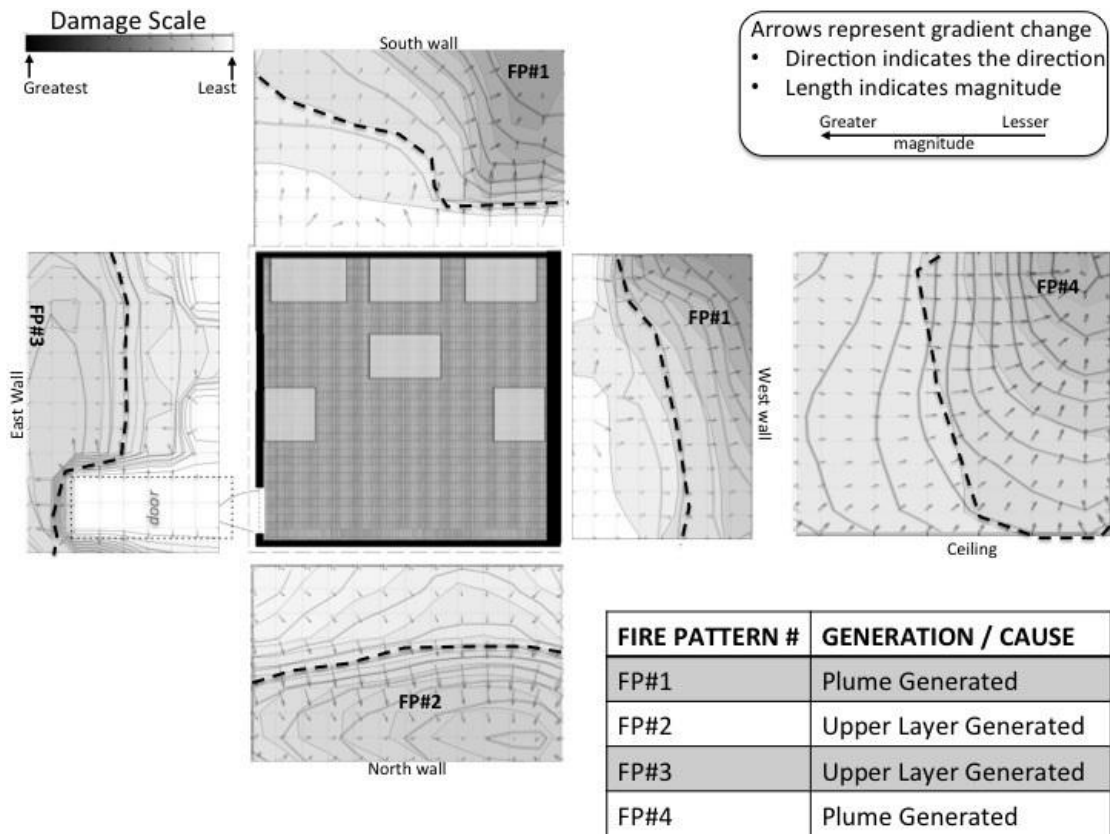
FP3, 1500, 360

### Block 15

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

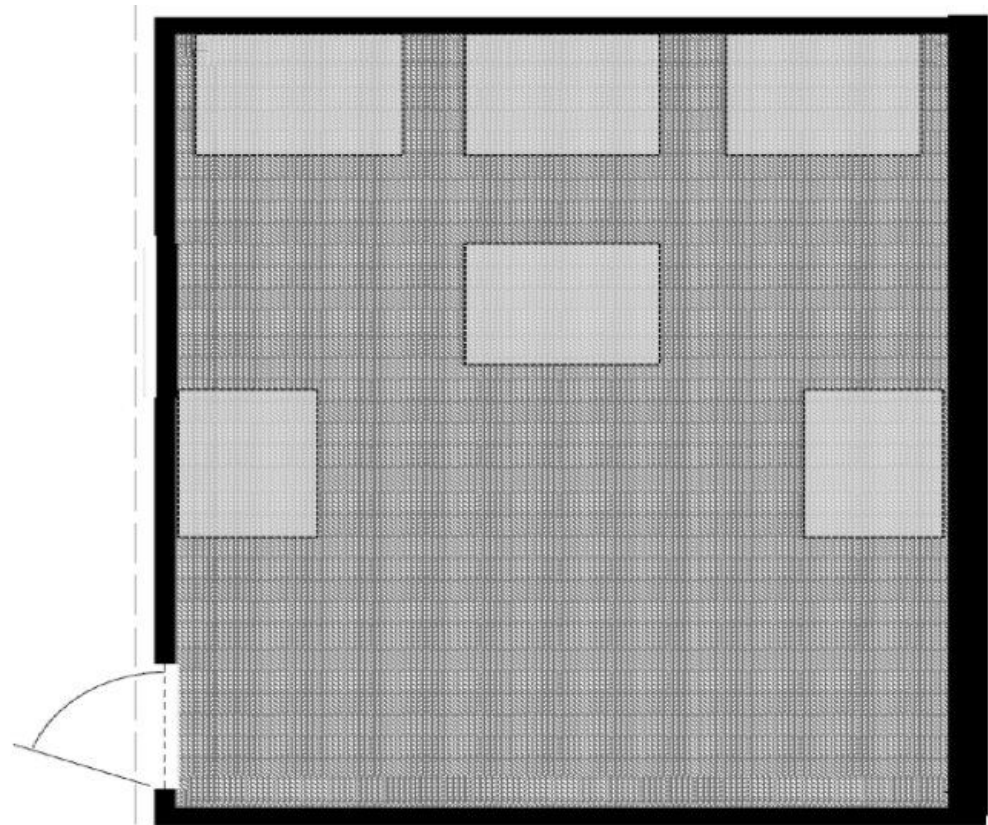
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



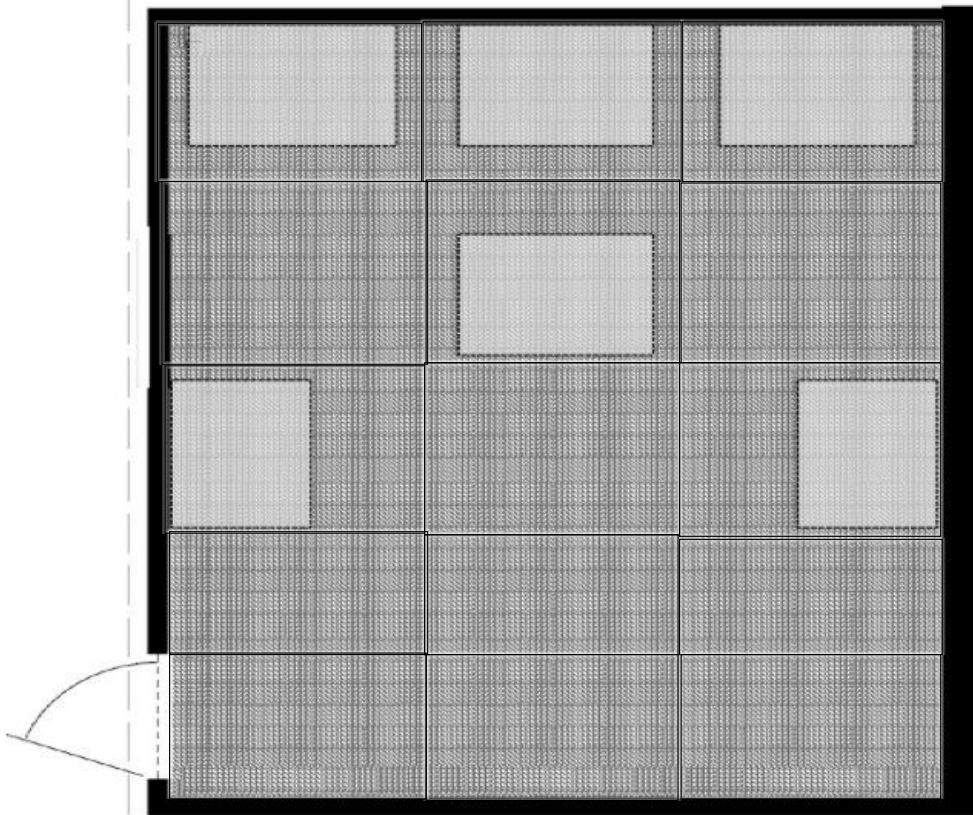
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



### AREA OF ORIGIN DETERMINATION

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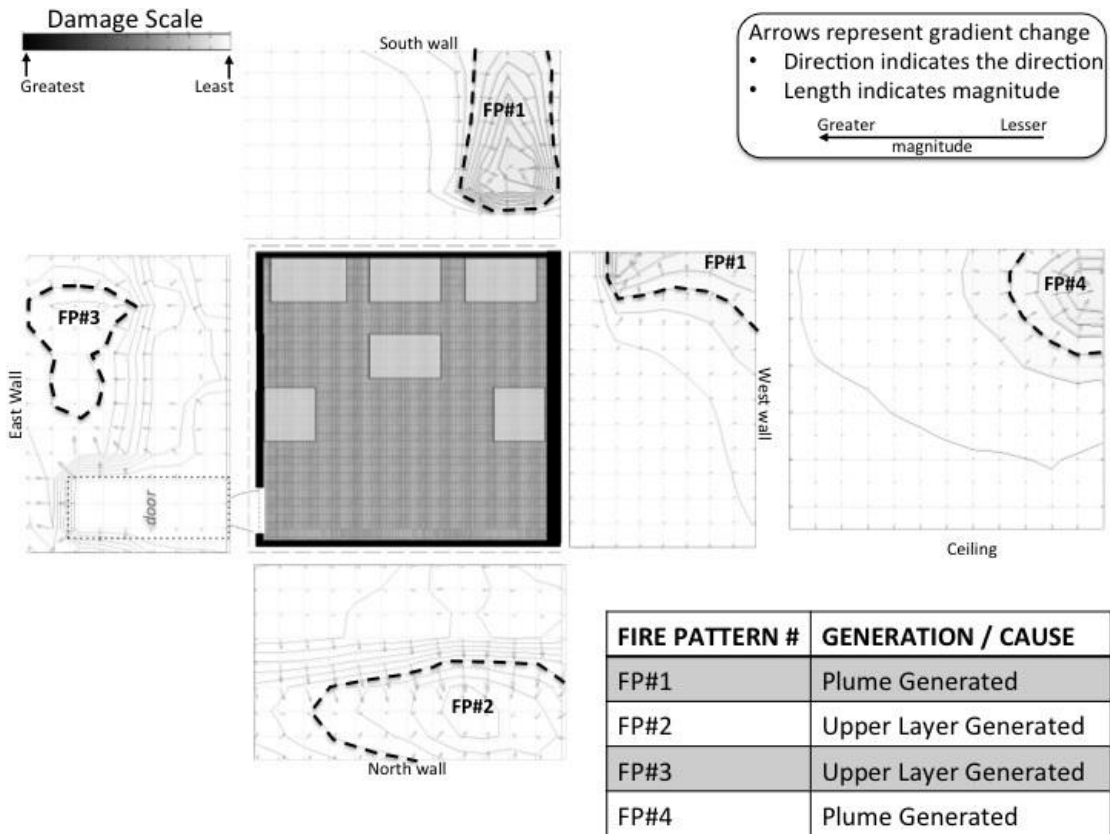
FP3, 1500, 900

### Block 16

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

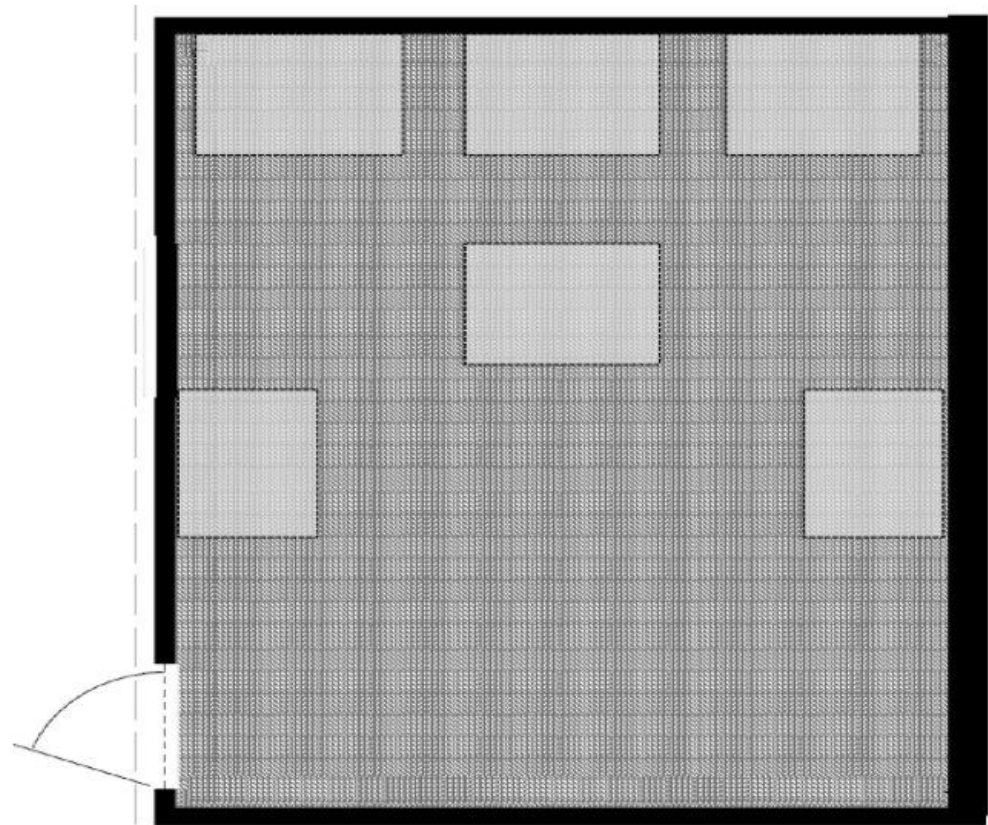
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

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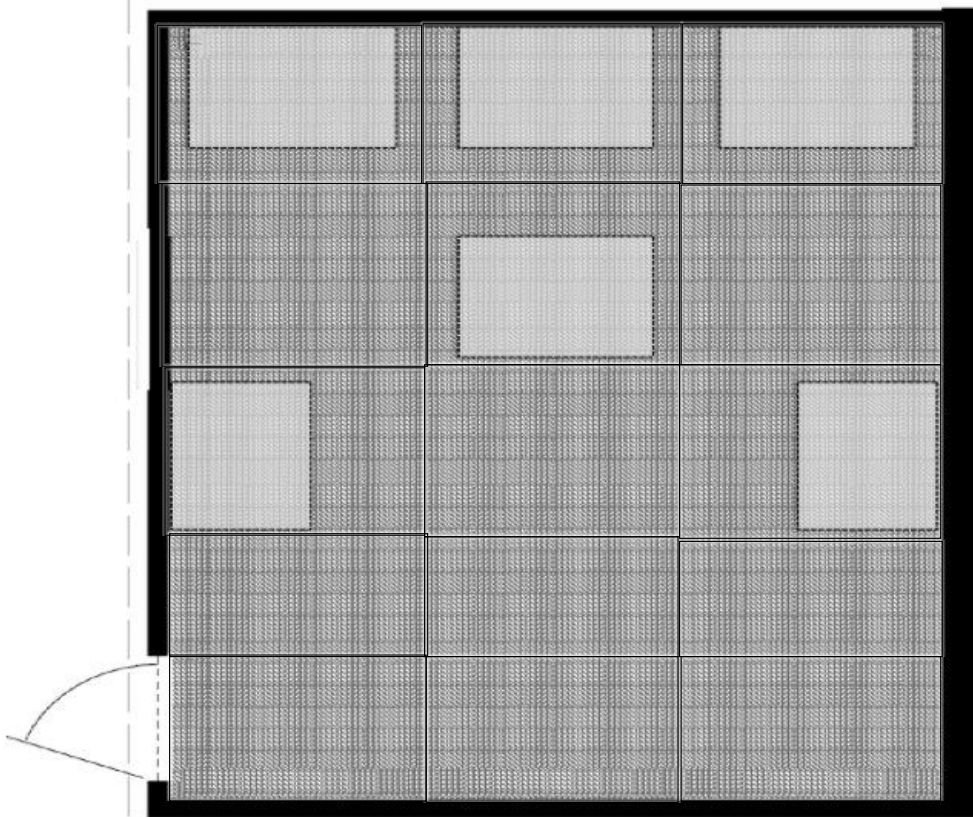
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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FP3, 4000, 120

### Attention Check Block

Recent research on decision making shows that choices are affected by context. Differences in how people feel, their previous knowledge and experience, and their environment can affect choices. To help us understand how people make decisions, we are interested in information about you. Specifically, we are interested in whether you actually take the time to read the directions; if not, some results may not tell us very much about decision making in the real world. To show that you have read the instructions, please ignore the question below about how you are feeling and instead check only the "none of the above" option as your answer.

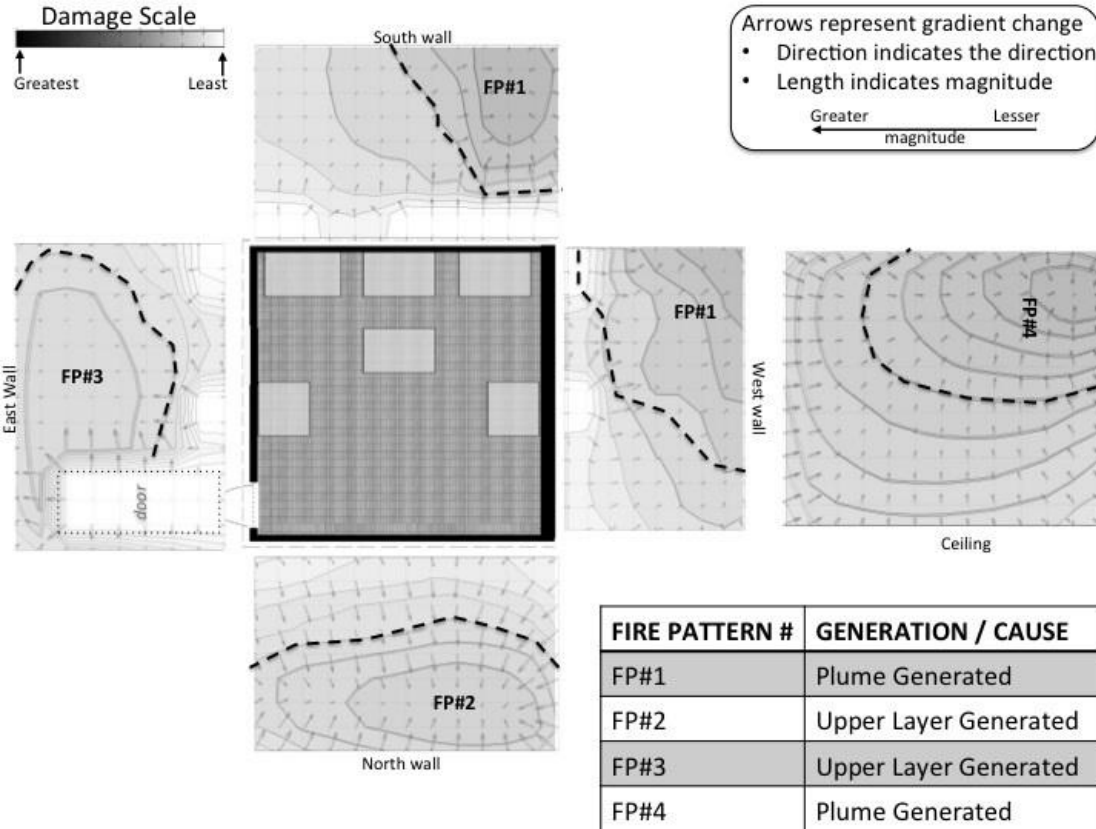
Please check all of the words that describe how you are feeling.

- |                                     |                                       |  |
|-------------------------------------|---------------------------------------|--|
| <input type="checkbox"/> Interested | <input type="checkbox"/> Hostile      | <input type="checkbox"/> Nervous           |
| <input type="checkbox"/> Distressed | <input type="checkbox"/> Enthusiastic | <input type="checkbox"/> Determined        |
| <input type="checkbox"/> Excited    | <input type="checkbox"/> Proud        | <input type="checkbox"/> Attentive         |
| <input type="checkbox"/> Upset      | <input type="checkbox"/> Irritable    | <input type="checkbox"/> Happy             |
| <input type="checkbox"/> Strong     | <input type="checkbox"/> Alert        | <input type="checkbox"/> Active            |
| <input type="checkbox"/> Guilty     | <input type="checkbox"/> Ashamed      | <input type="checkbox"/> Afraid            |
| <input type="checkbox"/> Scared     | <input type="checkbox"/> Inspired     | <input type="checkbox"/> None of the above |

**FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

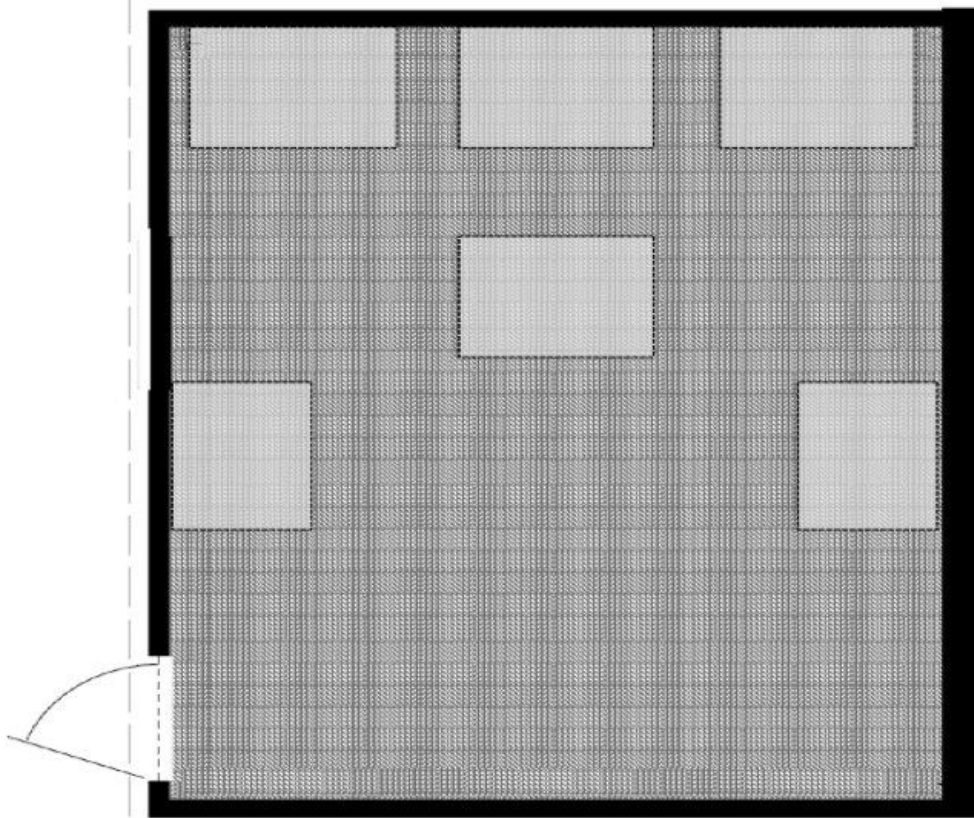
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

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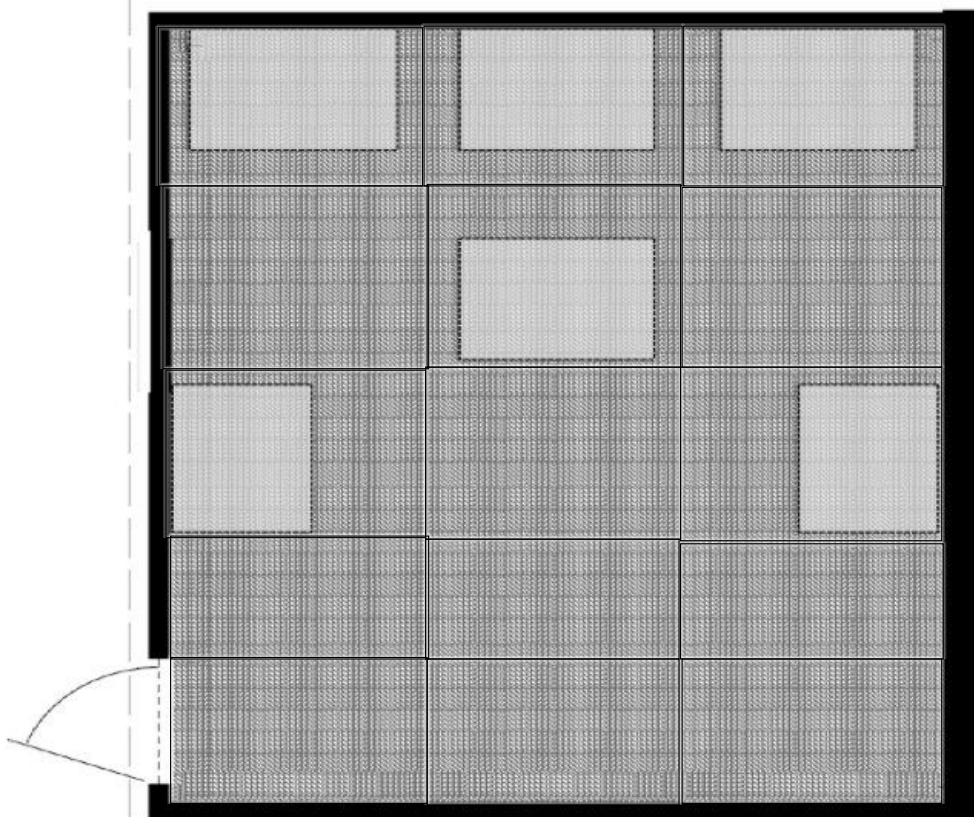
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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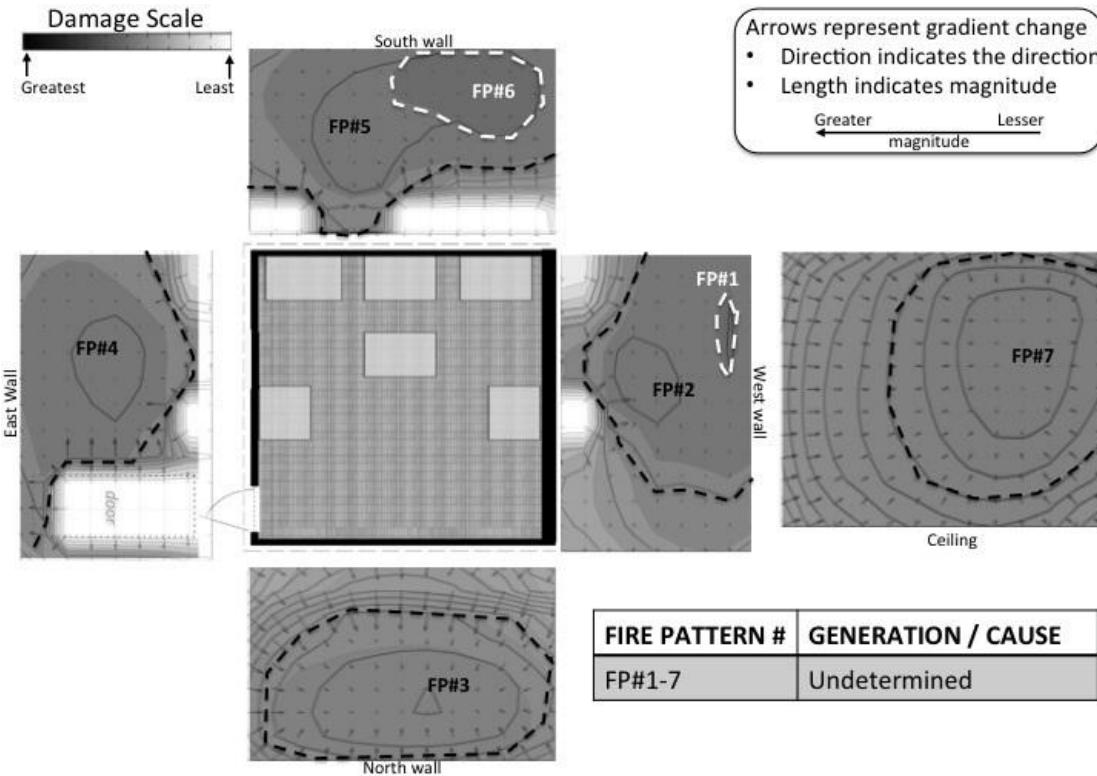


**Block 18**

**FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

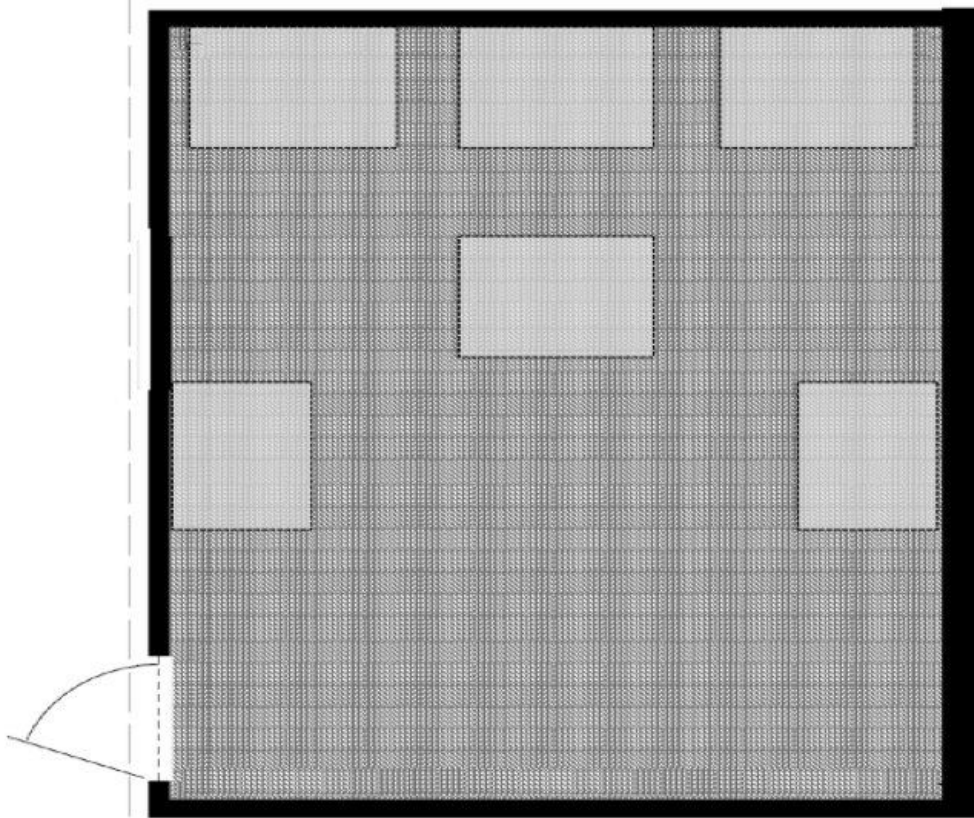
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



**CENTER OF THE AREA OF ORIGIN DETERMINATION**

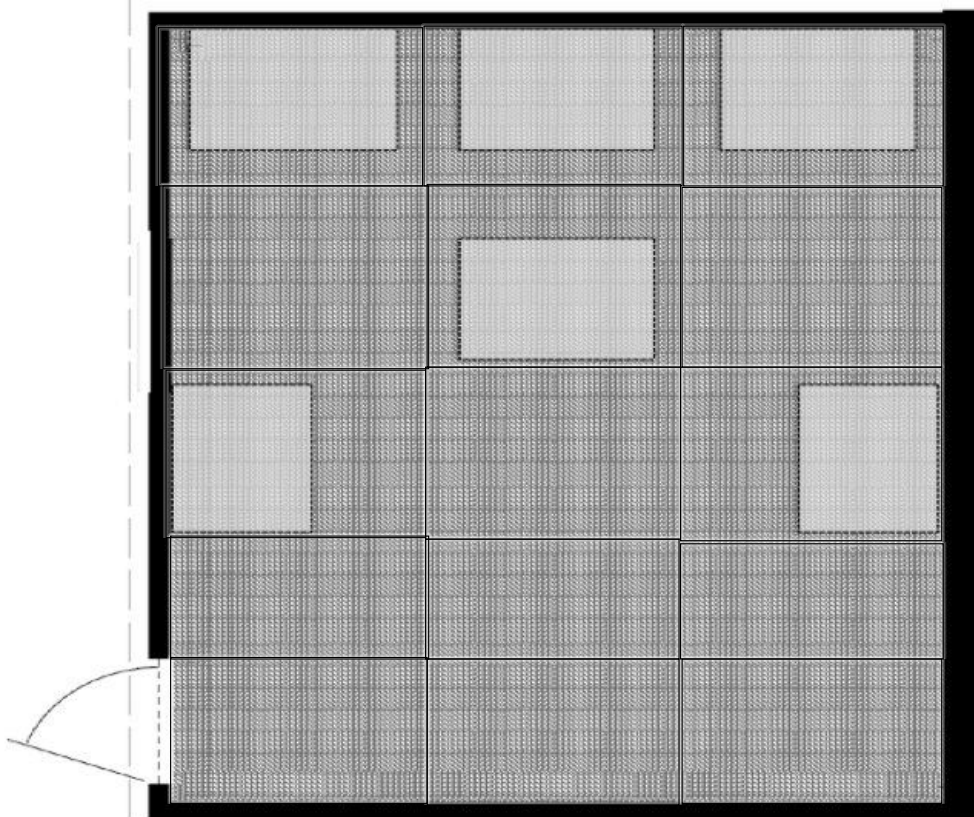
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**AREA OF ORIGIN DETERMINATION**

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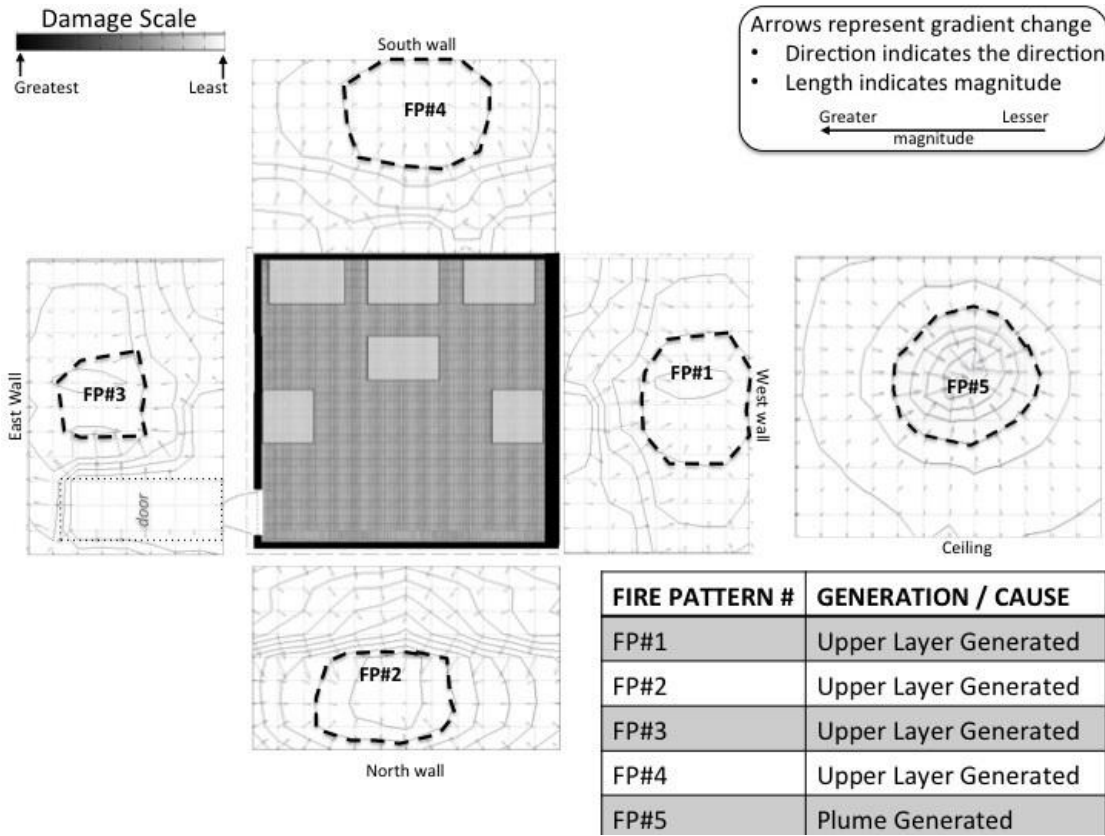


**Block 19**

**FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

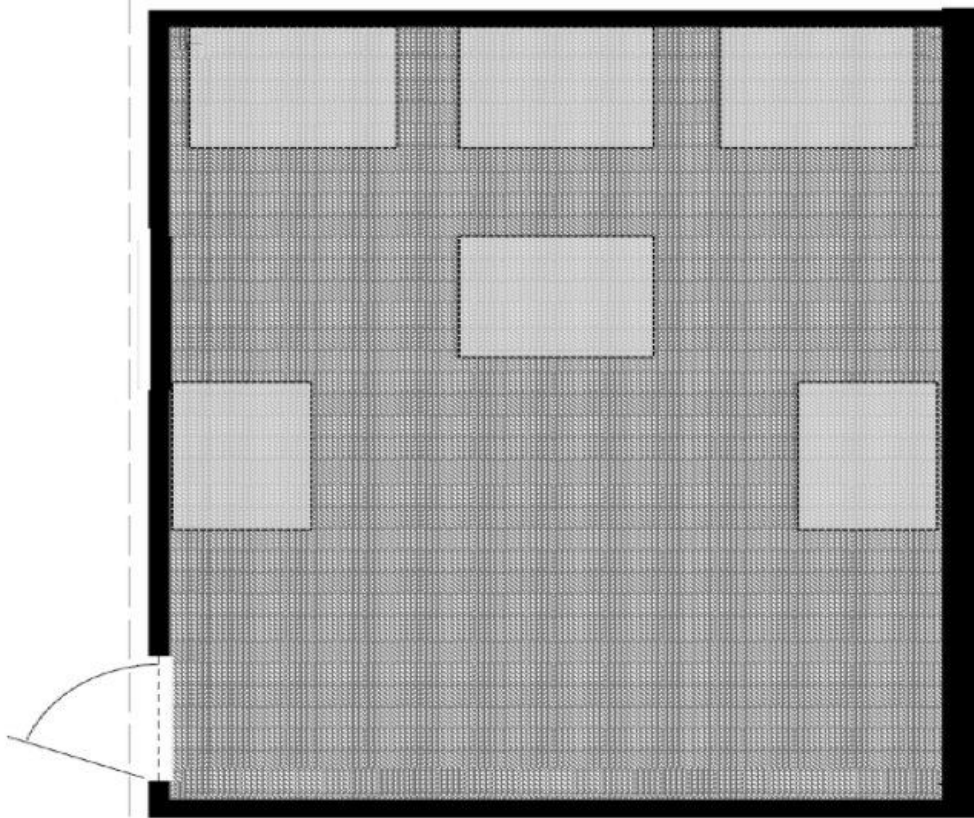
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

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**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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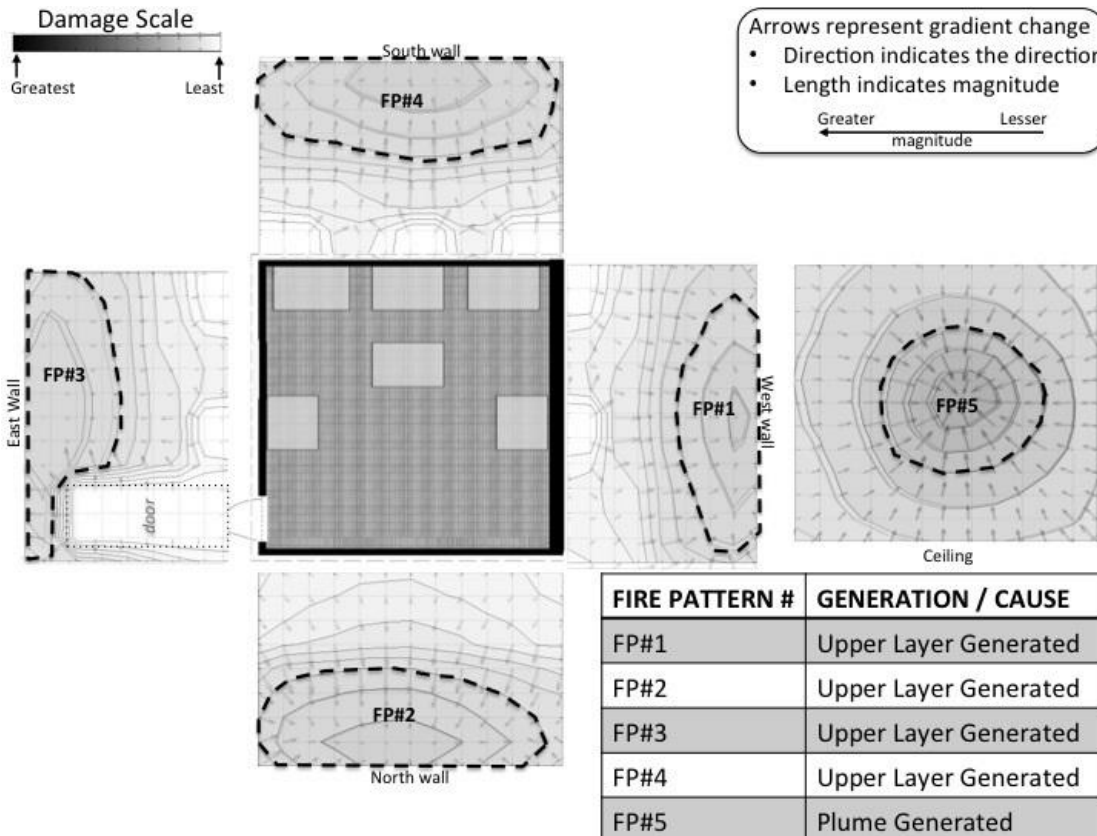


**Block 20**

**FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

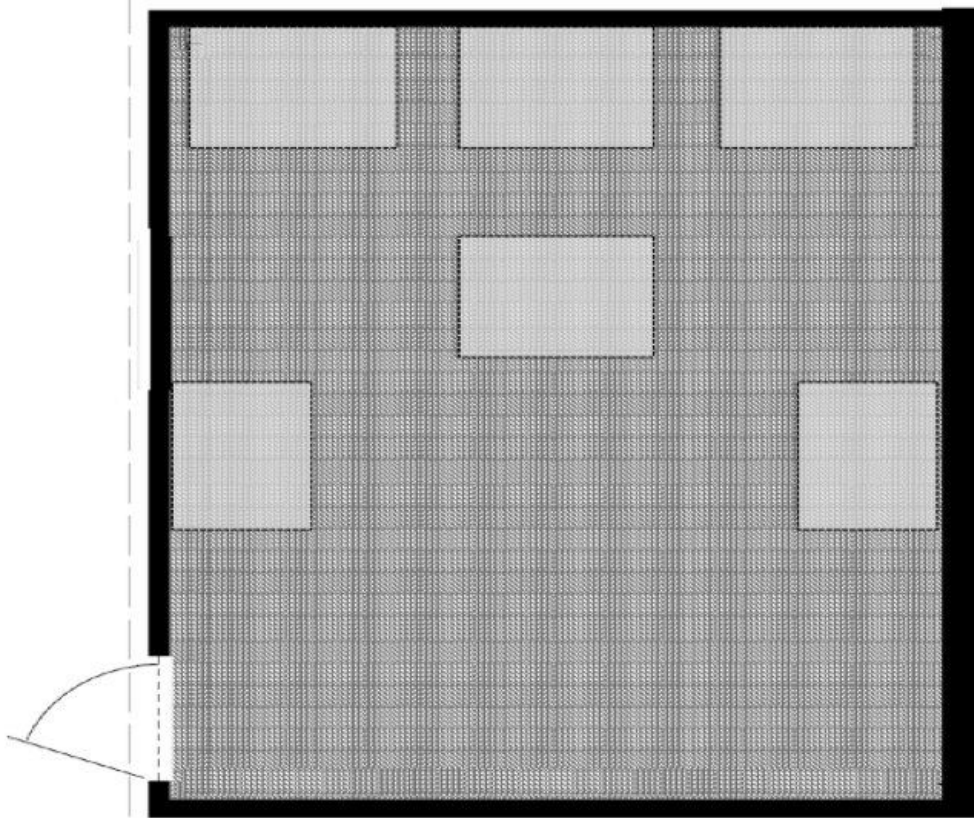
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\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



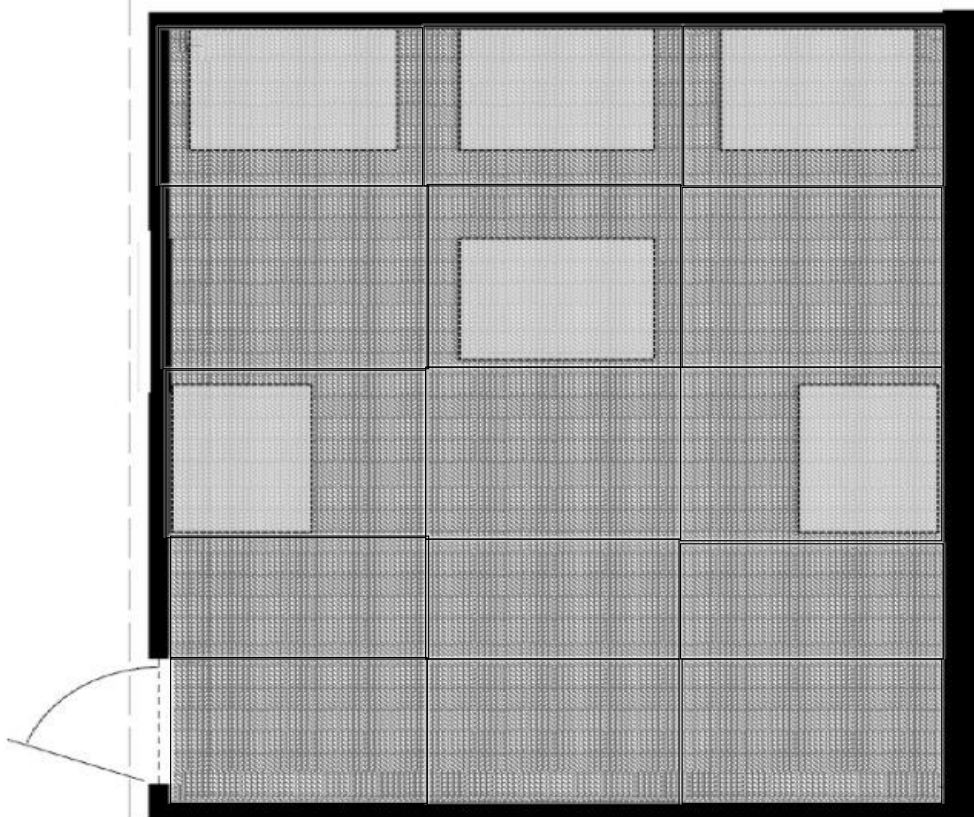
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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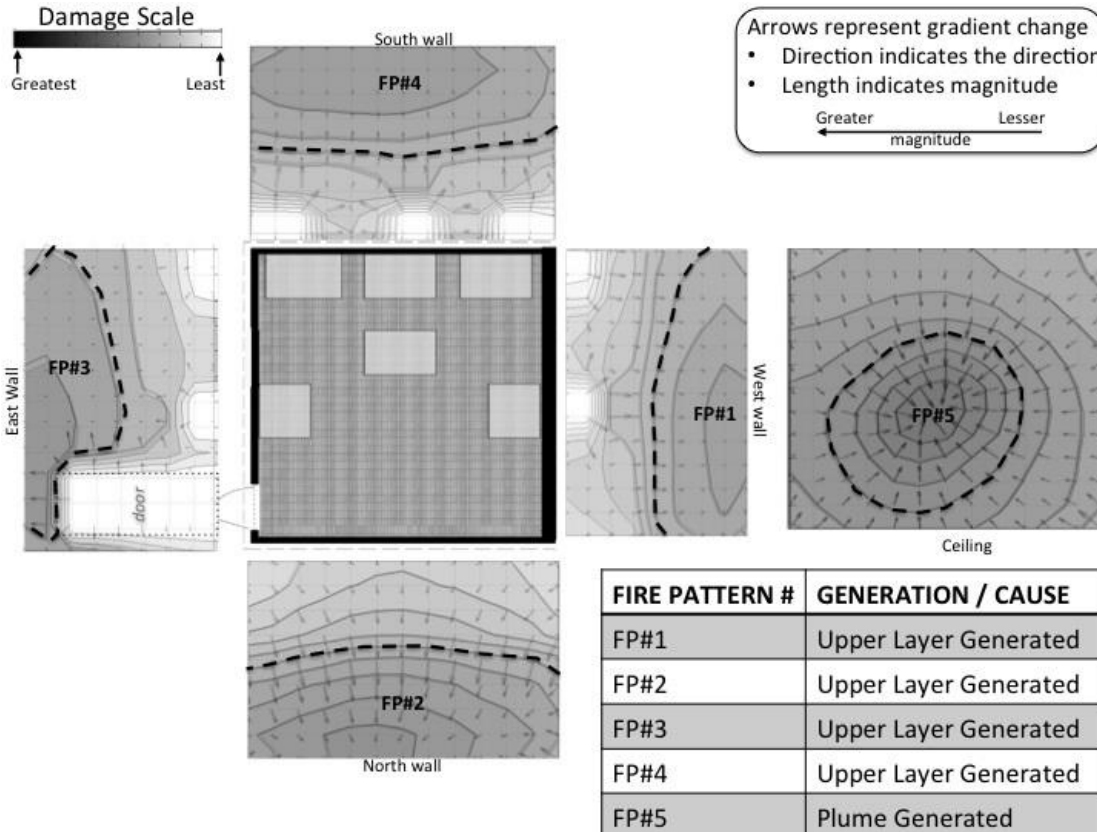


**Block 21**

**FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

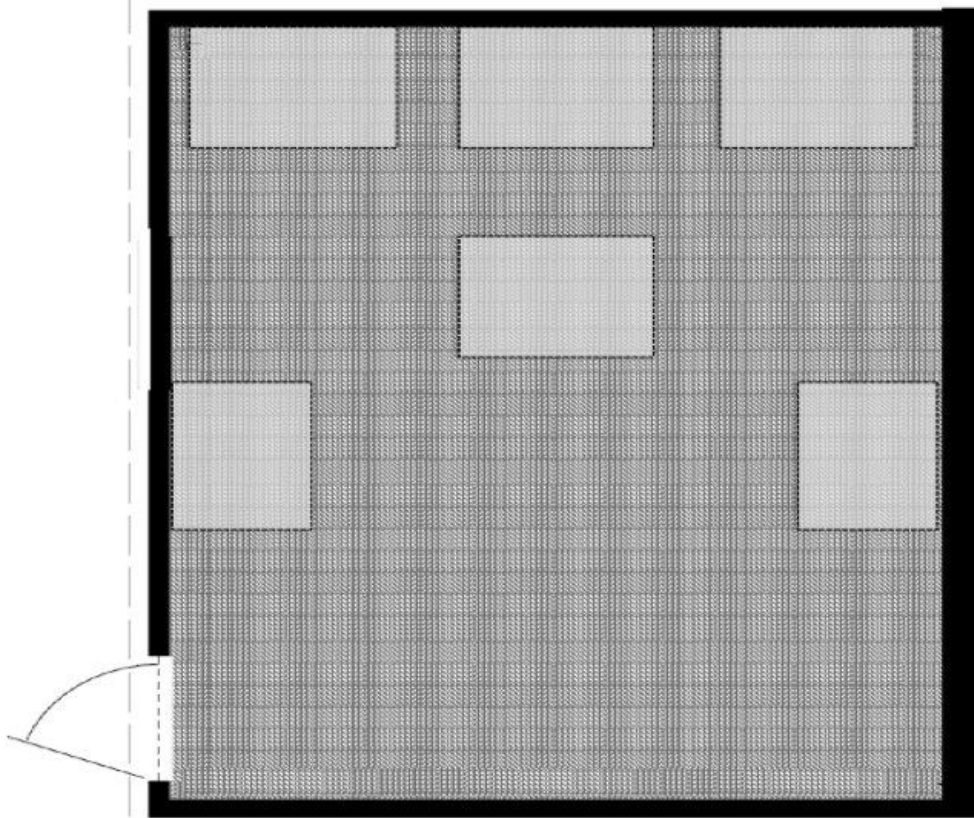
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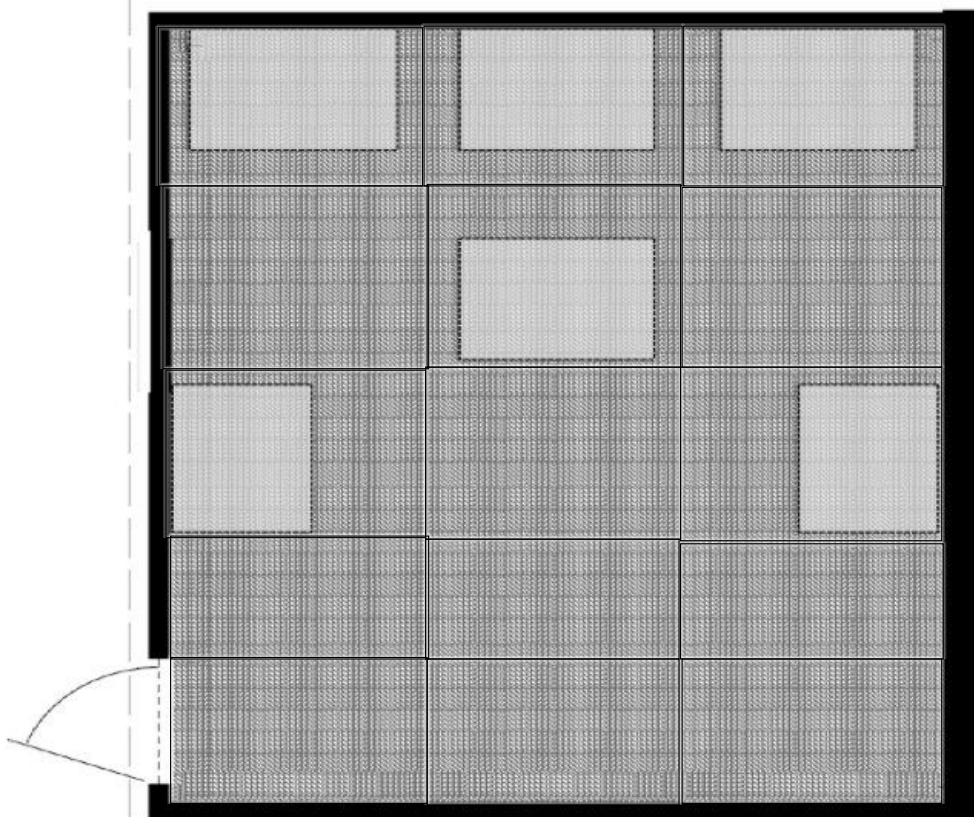
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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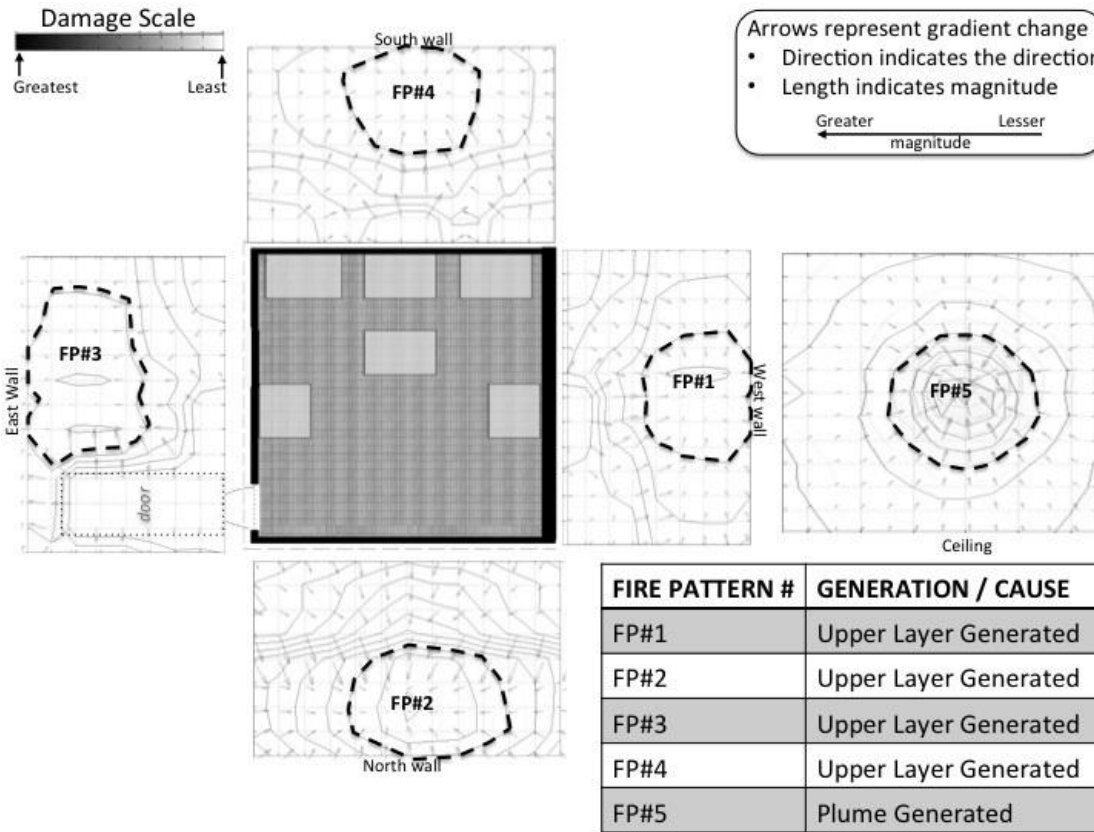


**Block 22**

**FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

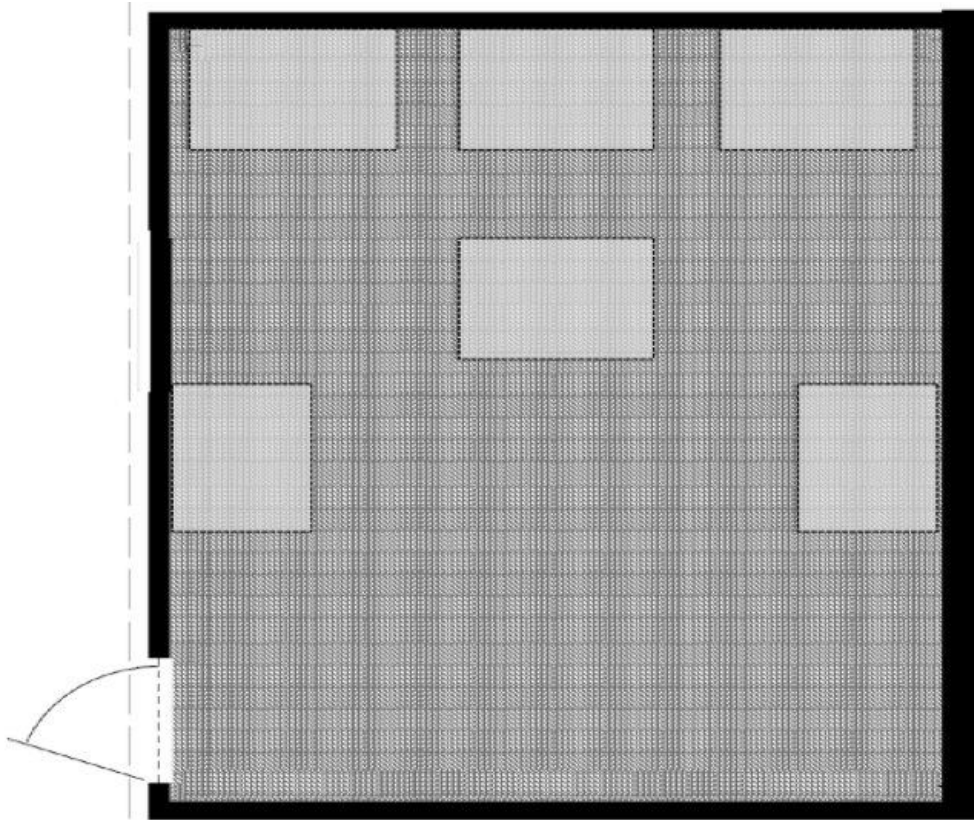
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**CENTER OF THE AREA OF ORIGIN DETERMINATION**

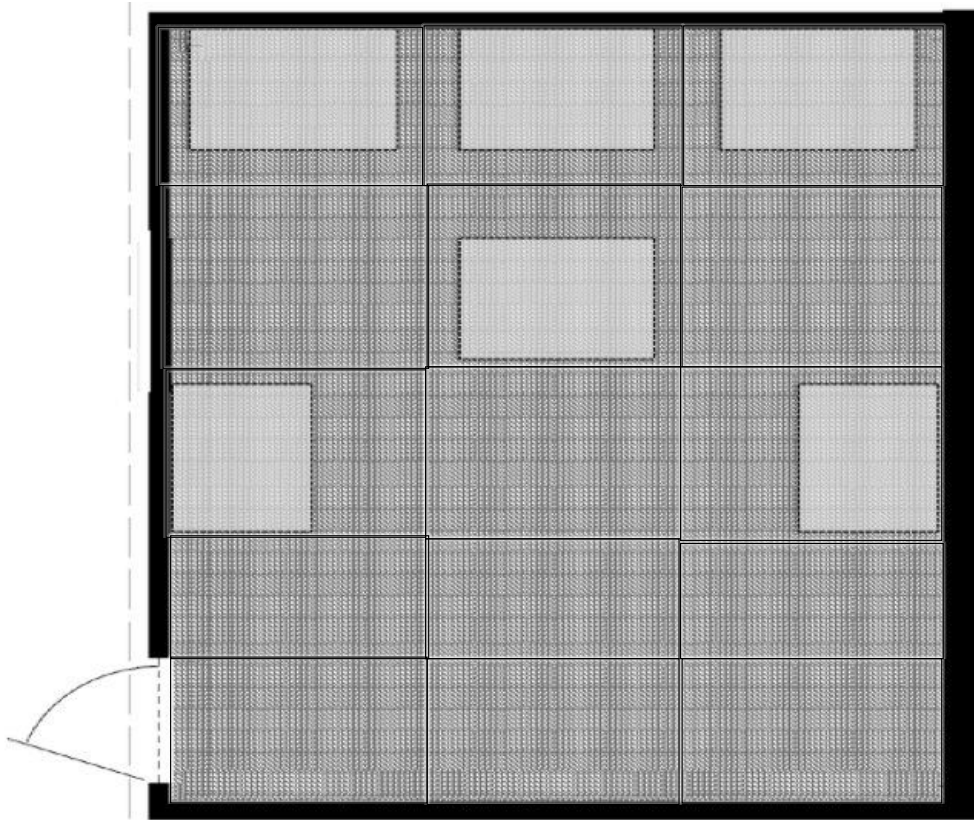
The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.





**AREA OF ORIGIN DETERMINATION**

THE FIRE PATTERNS THAT WERE CLASSIFIED AS BEING GENERATED BY A PLUME OR AS UNDETERMINED WILL BE CONSIDERED AS THE AREA OF ORIGIN. IF THERE IS ONLY ONE OF THESE PATTERNS, THEN THIS IS THE AREA OF ORIGIN. IF THERE ARE TWO OR MORE OF THESE PATTERNS, THEN YOUR AREA OF ORIGIN WILL NEED TO ENCOMPASS ALL OF THESE PLUME AND/OR UNDETERMINED GENERATED PATTERNS. PLEASE SELECT (CLICK) ON THE REGION(S) OF THE DIAGRAM THAT ENCOMPASS THE AREA OF ORIGIN FOR THIS FIRE.



FP4, 4000, 120

### Block 23

#### **FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE**

Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

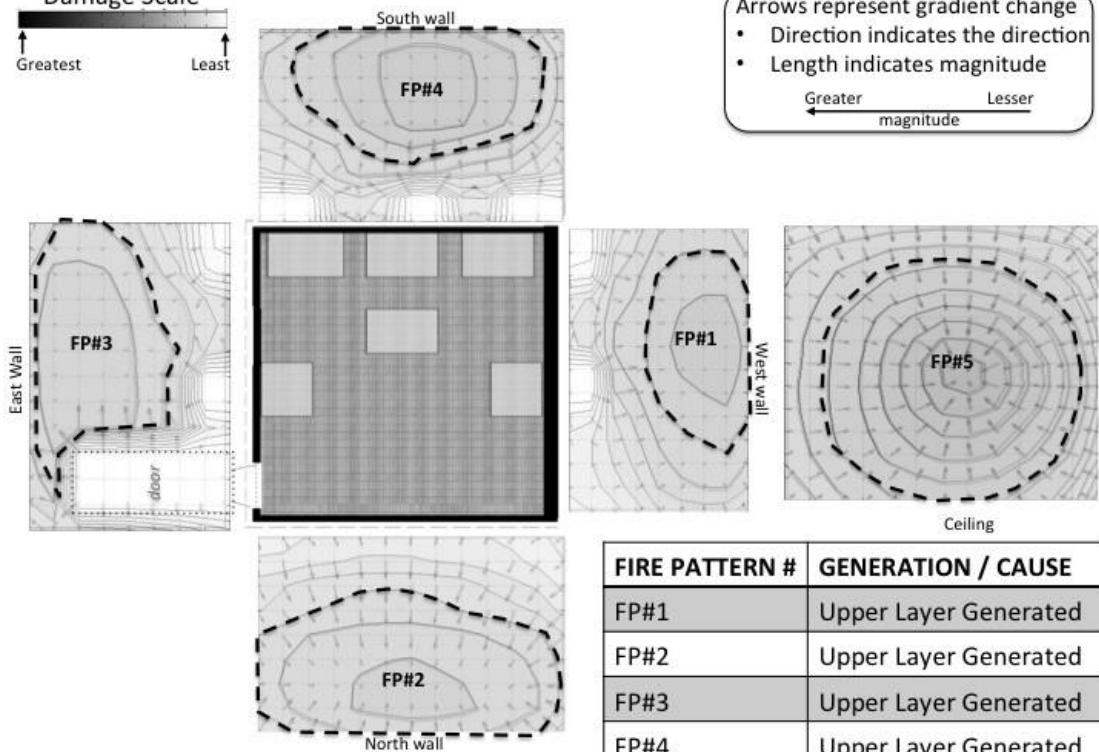
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside.



Arrows represent gradient change

- Direction indicates the direction
- Length indicates magnitude

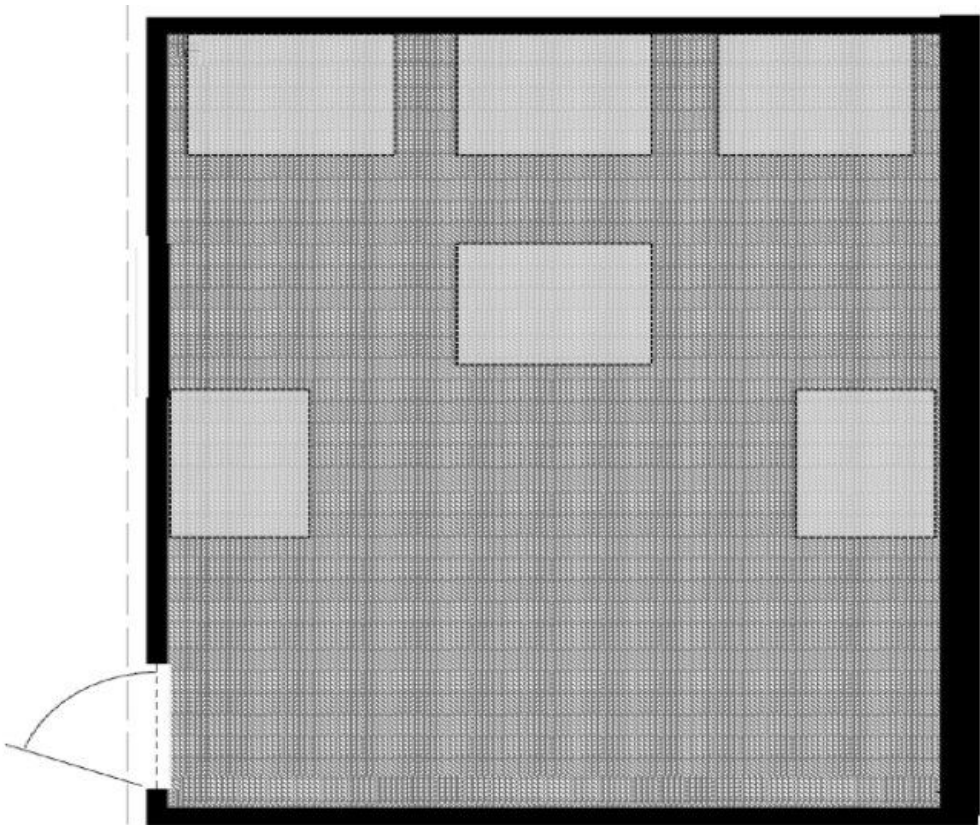
Greater ← → Lesser  
← magnitude →



FIRE PATTERN #	GENERATION / CAUSE
FP#1	Upper Layer Generated
FP#2	Upper Layer Generated
FP#3	Upper Layer Generated
FP#4	Upper Layer Generated
FP#5	Plume Generated

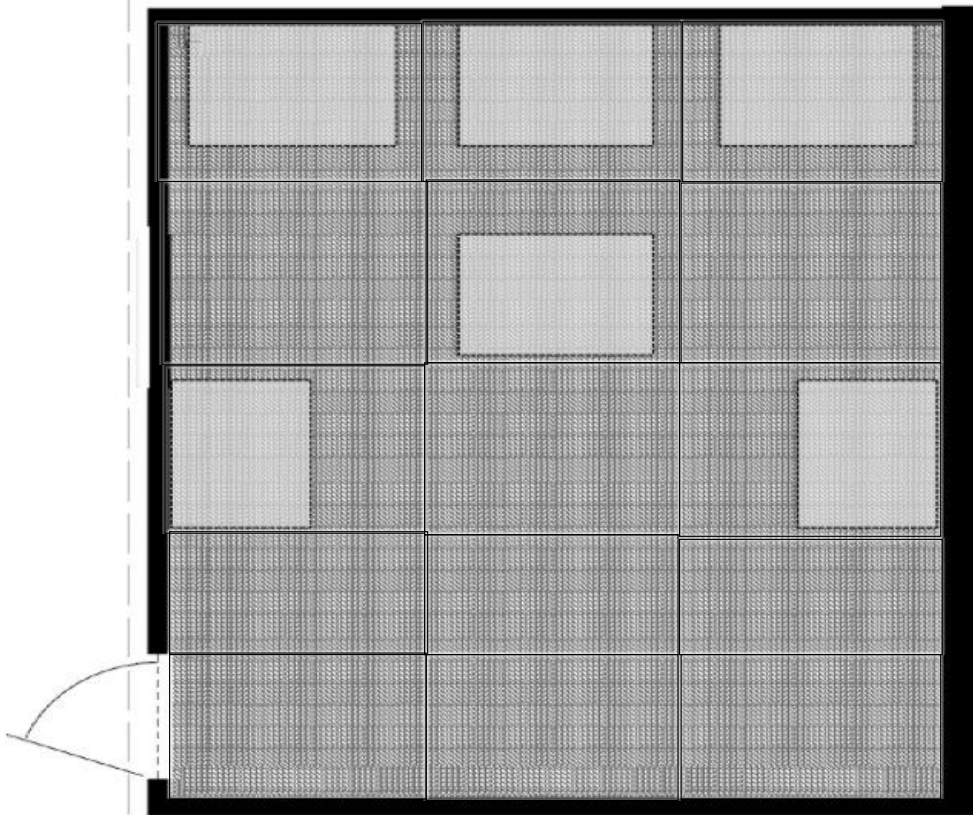
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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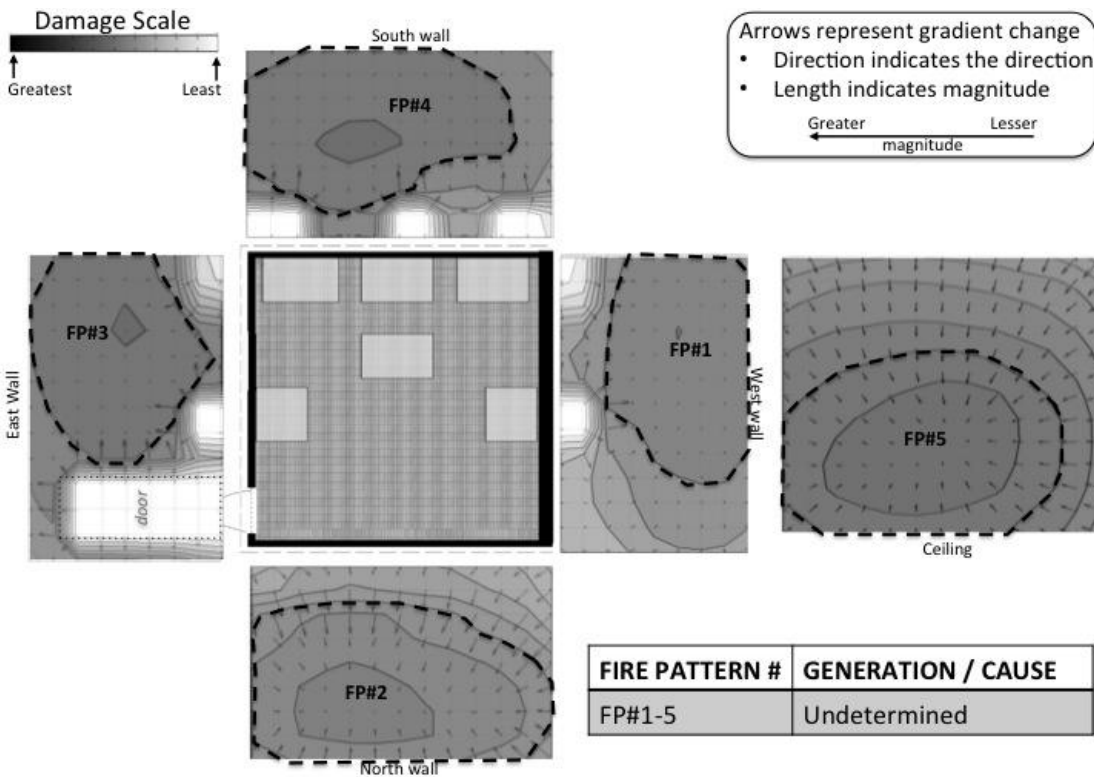
FP4, 4000, 360

### Block 24

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

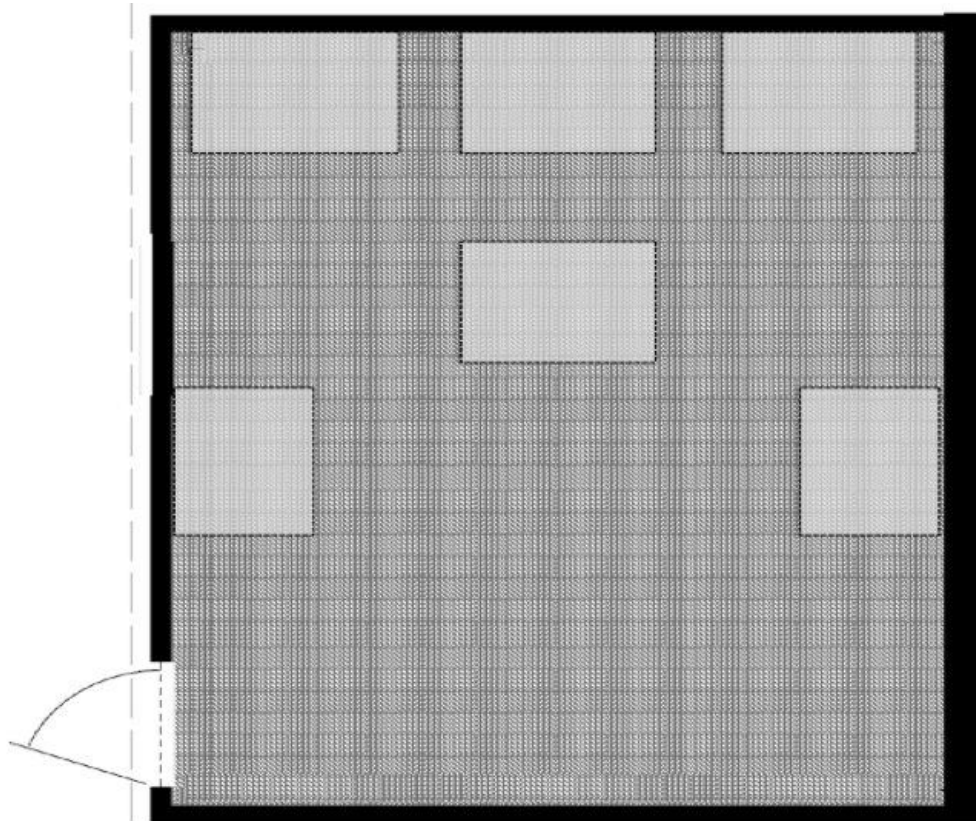
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

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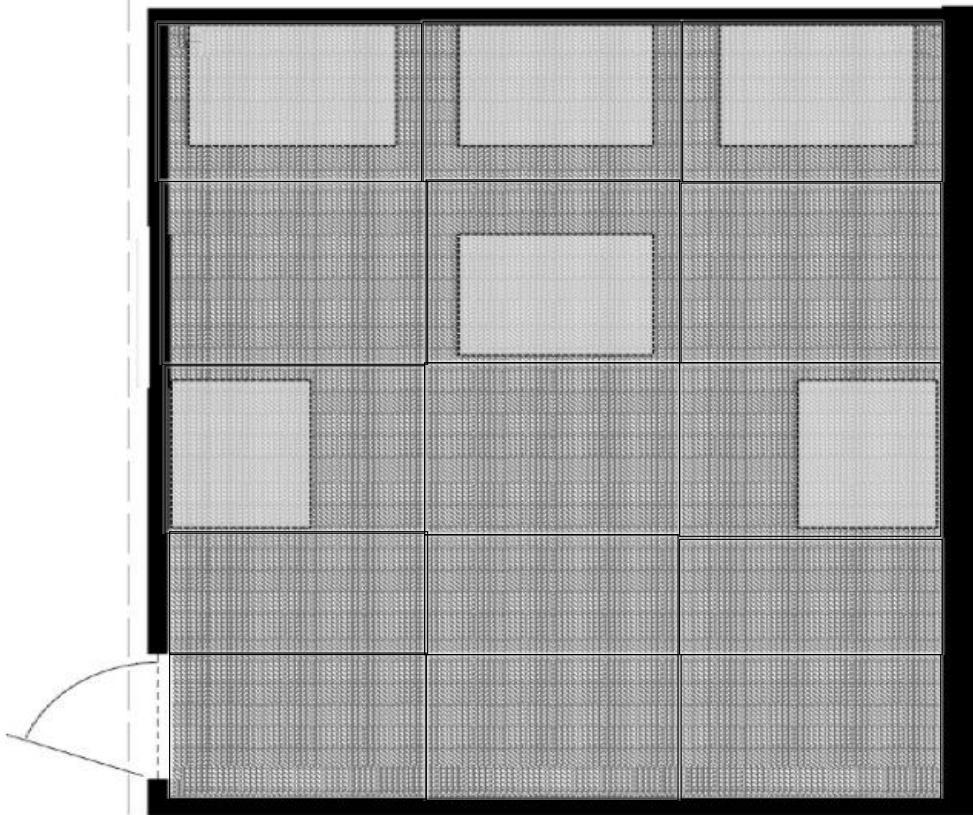
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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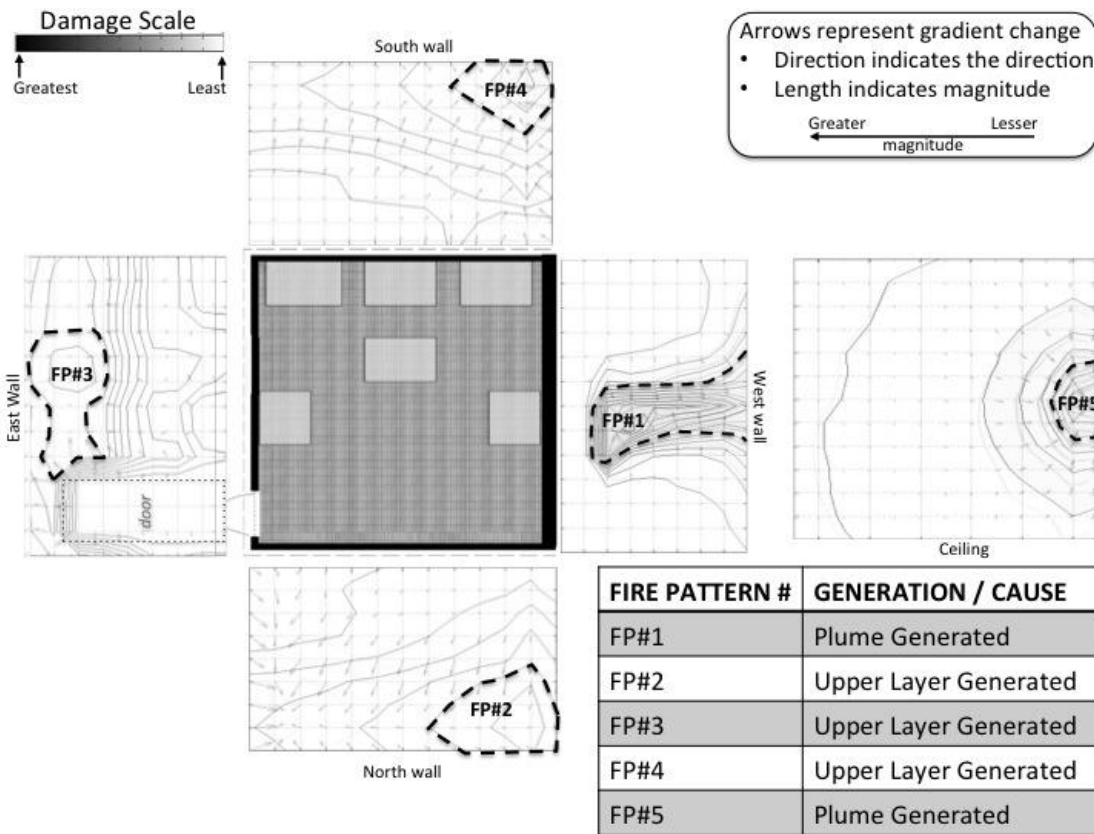
FP4, 4000, 900

### Block 25

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

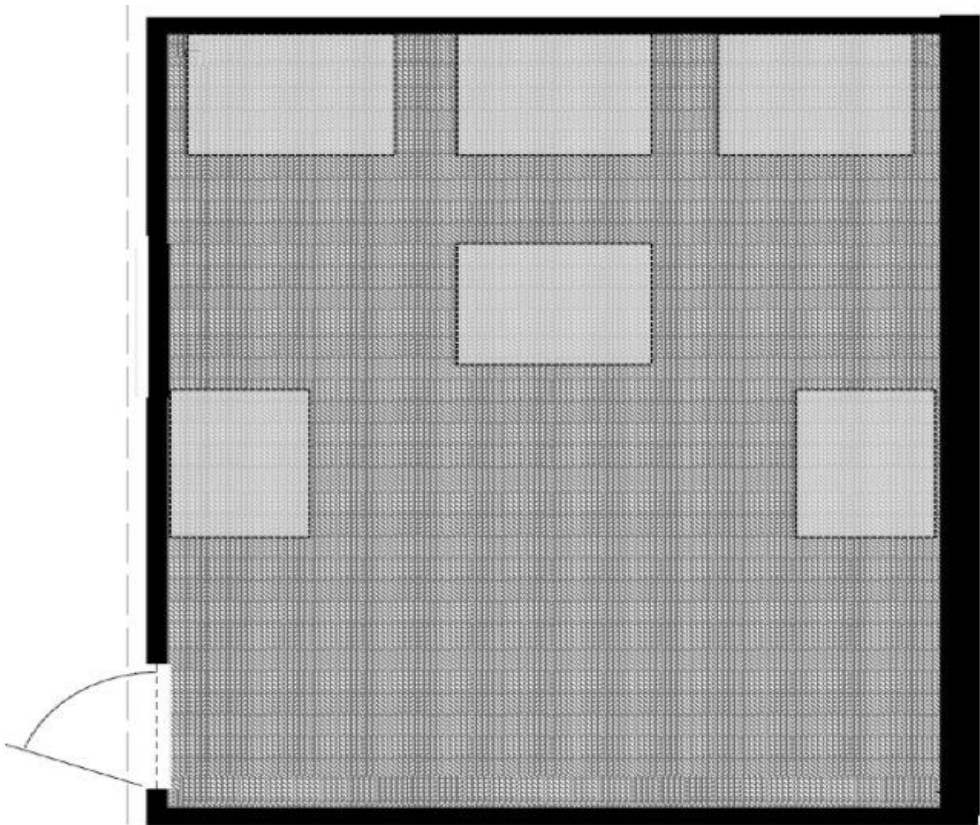
Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside



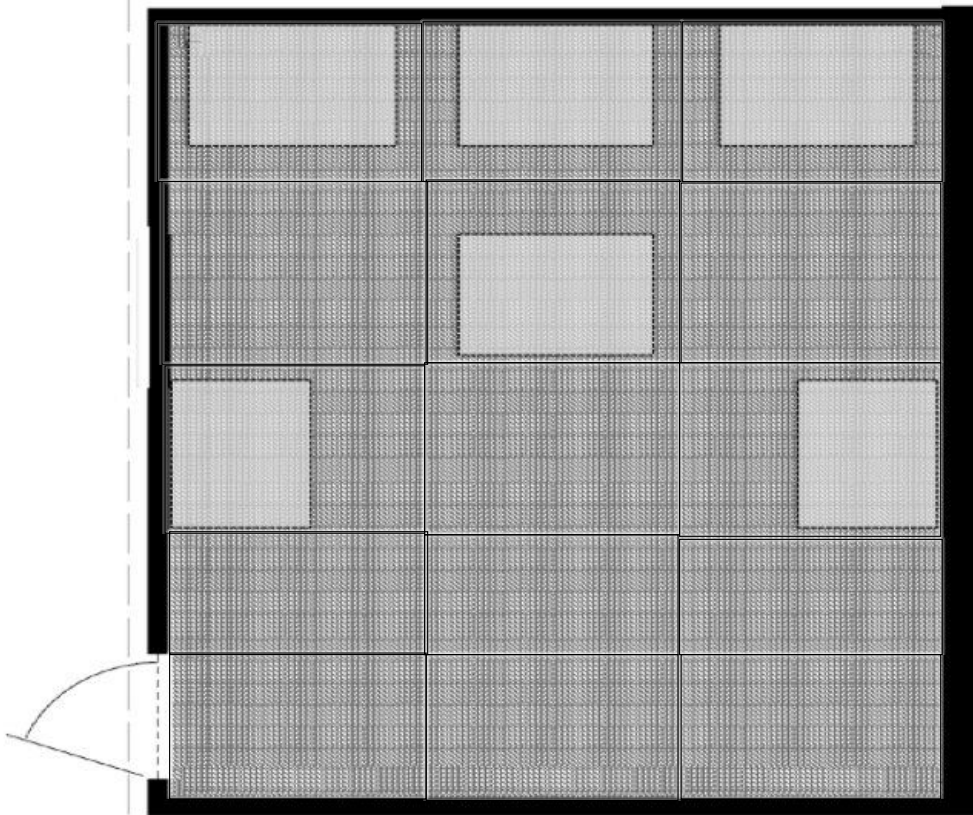
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

The fire patterns that were classified as being generated by a PLUME or as UNDETERMINED will be considered as the area of origin. IF there is only one of these patterns, then this is the area of origin. IF there are two or more of these patterns, then your area of origin will need to encompass all of these plume and/or undetermined generated patterns. The center of this area should be your selection for the center of the area of origin. Please select (click) the location on the diagram that best identifies the center of the area of origin determination. Please select only one location.



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FP6, 1500, 120

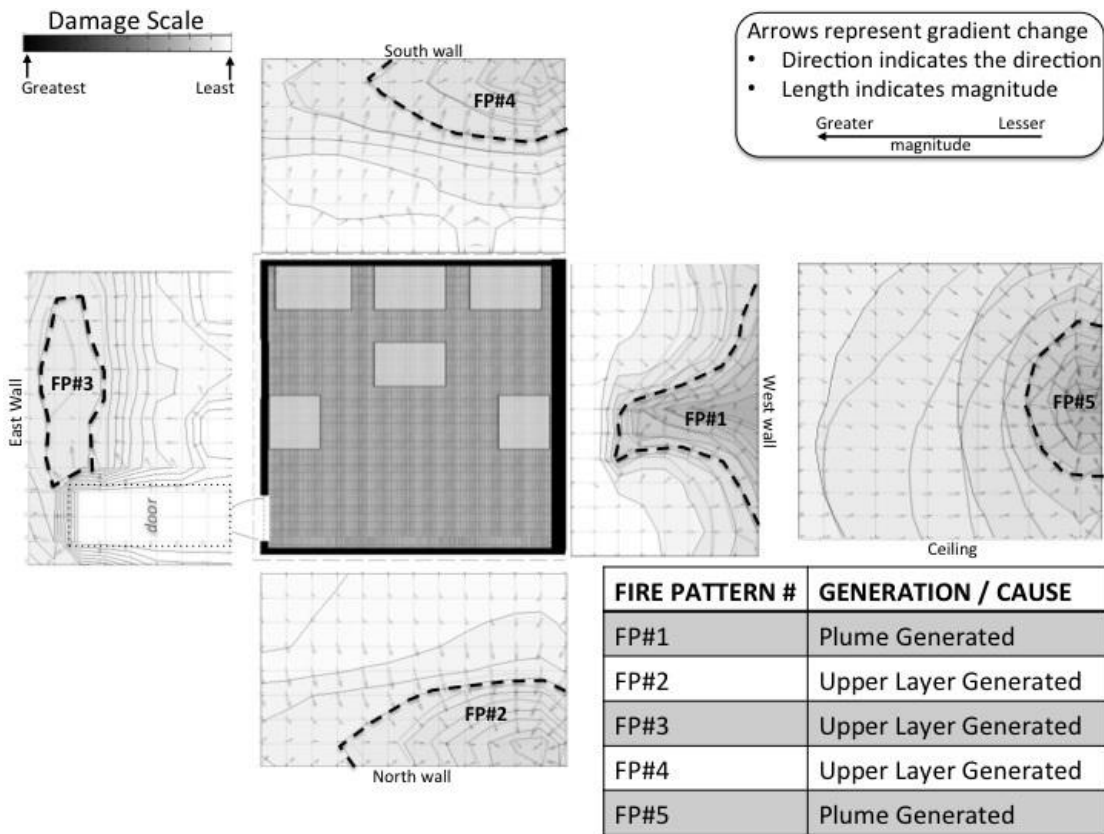
### Block 26

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

Below are exploded view diagrams\* of a single compartment. The boundary of each fire pattern has been noted on the diagram by a dashed-line. Each fire pattern identified within this scenario has already been identified and provided a number (FP#1=Fire Pattern #1). In the bottom-right corner of the image each fire pattern is assigned a cause for that pattern (fire pattern generation). The options for generation include upper layer generated, plume generated, ventilation generated, or undetermined. Particular attention should be given to those patterns identified as PLUME or UNDETERMINED generation, as these will assist in determining the area of origin. The rectangular shapes in the diagram are combustible contents.

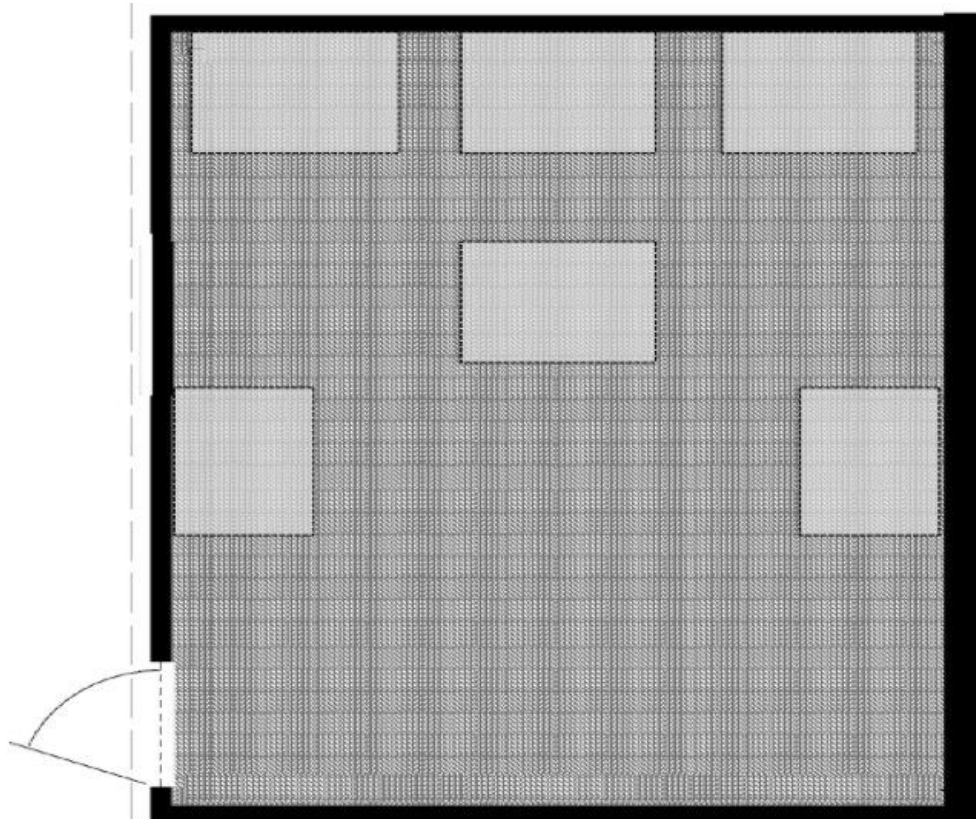
\*An exploded view diagram is where elevation views are provided for each wall to better show all surfaces inside of the room on the same diagram. The diagram of the ceiling is showing the underside





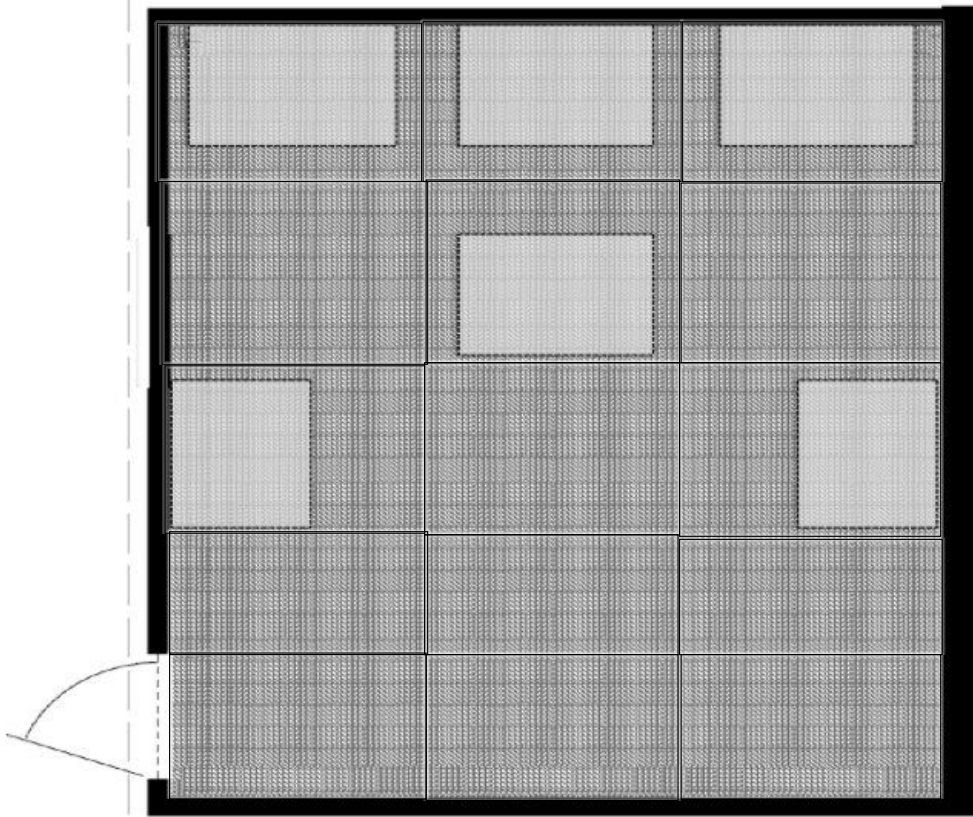
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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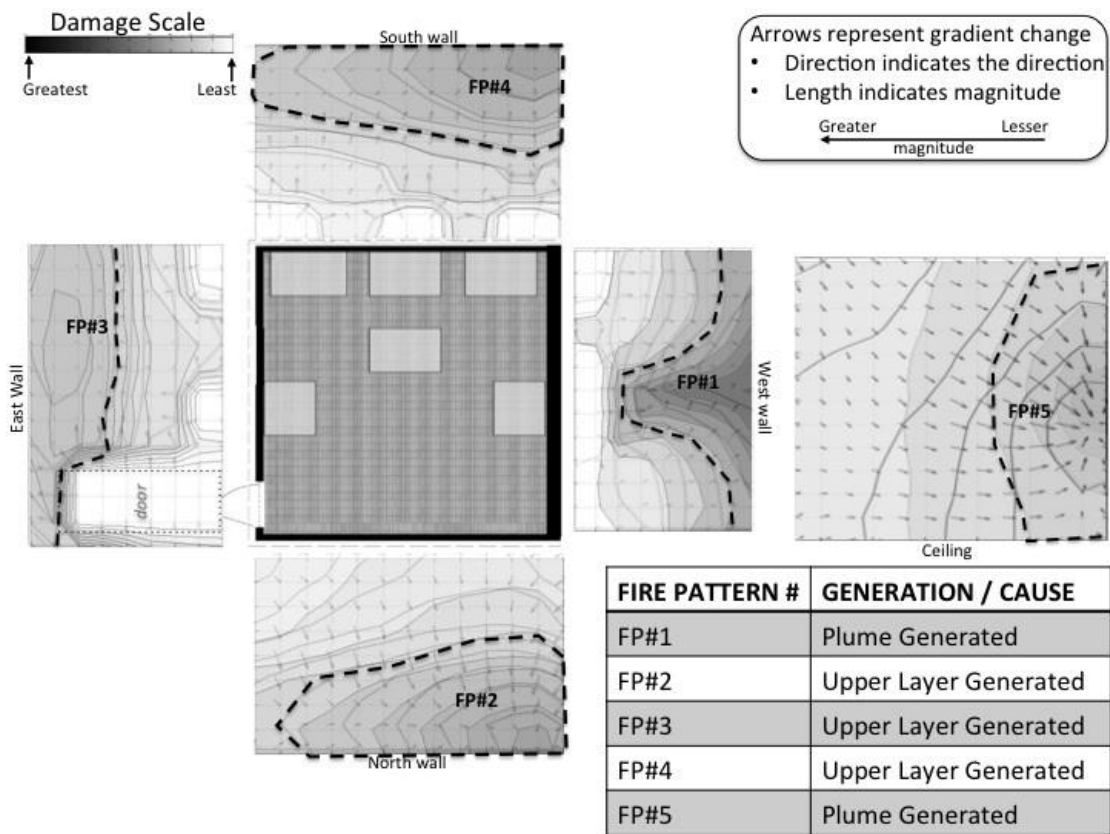
FP6, 1500, 360

### Block 27

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

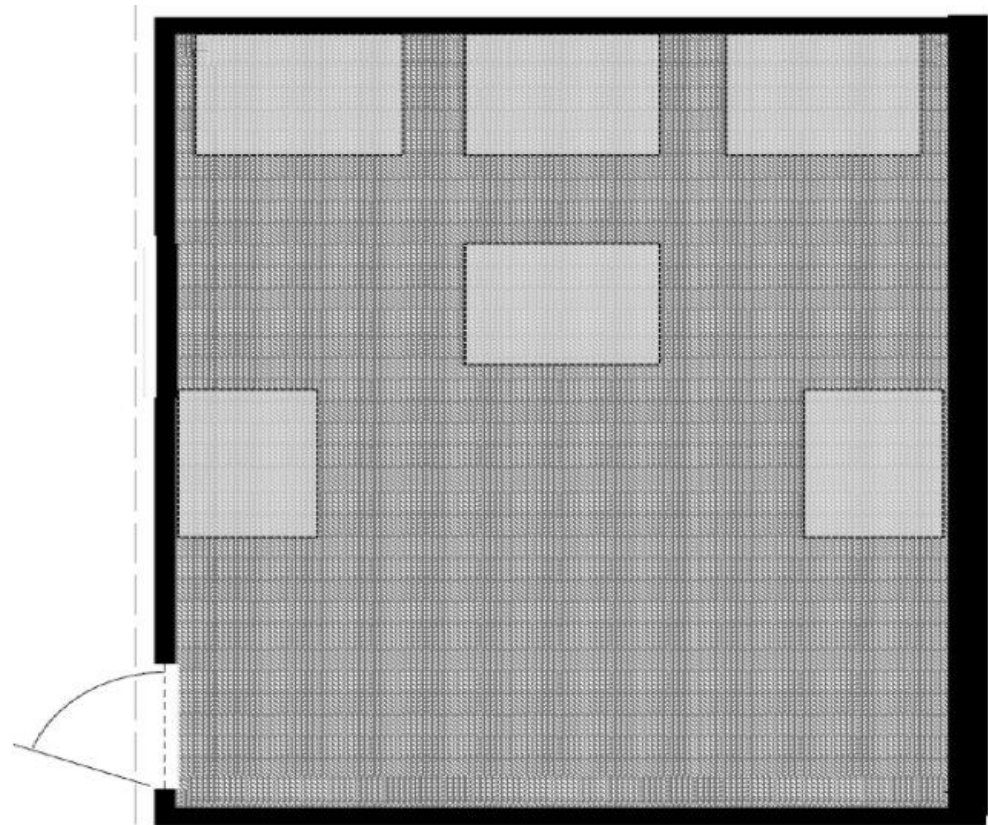
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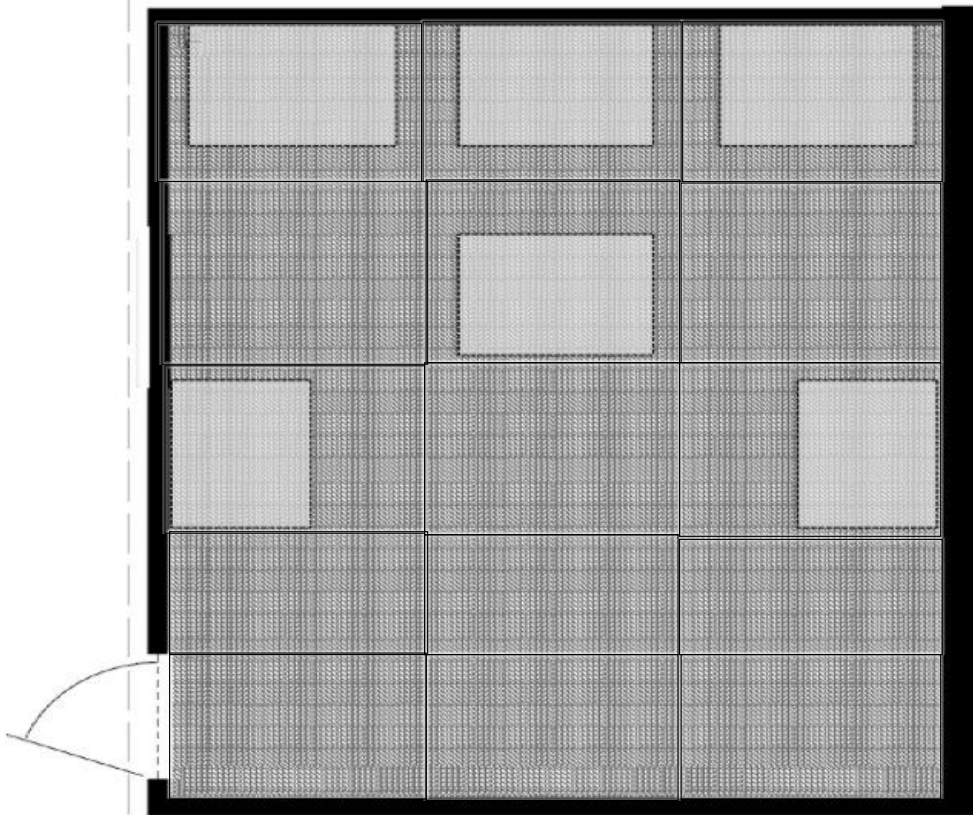
**CENTER OF THE AREA OF ORIGIN DETERMINATION**

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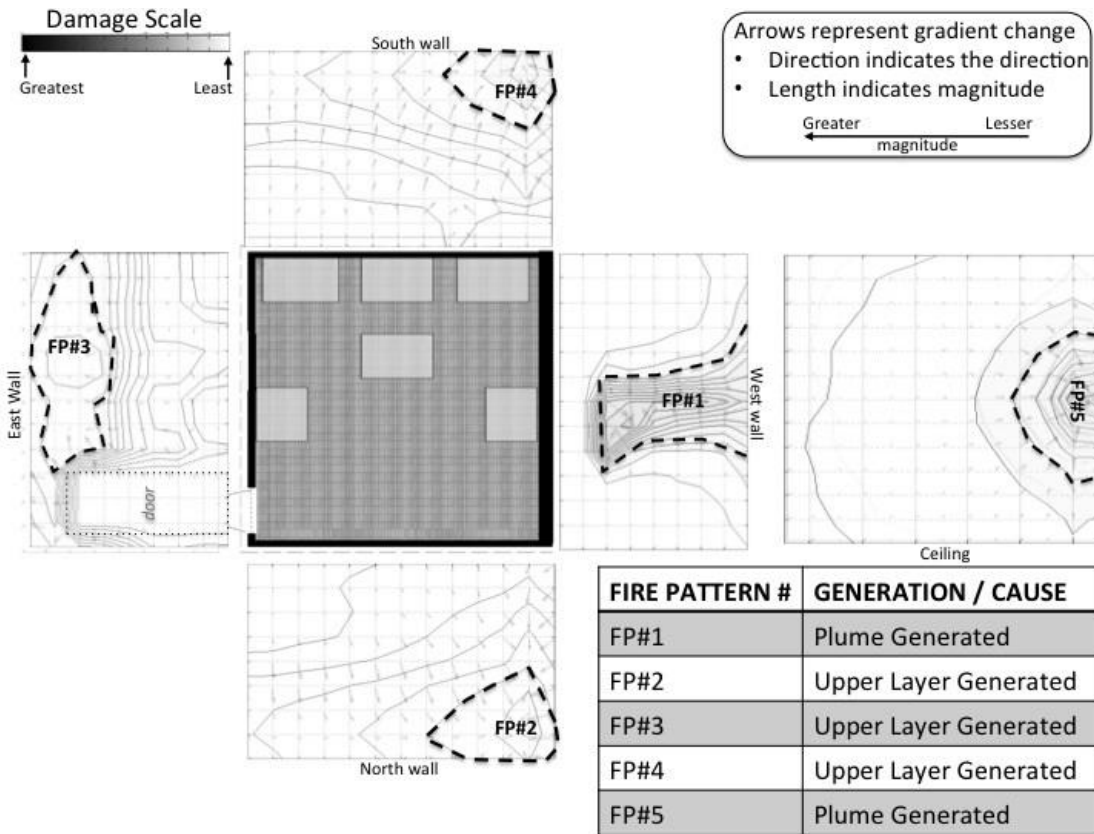
FP6, 1500, 900

### Block 28

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

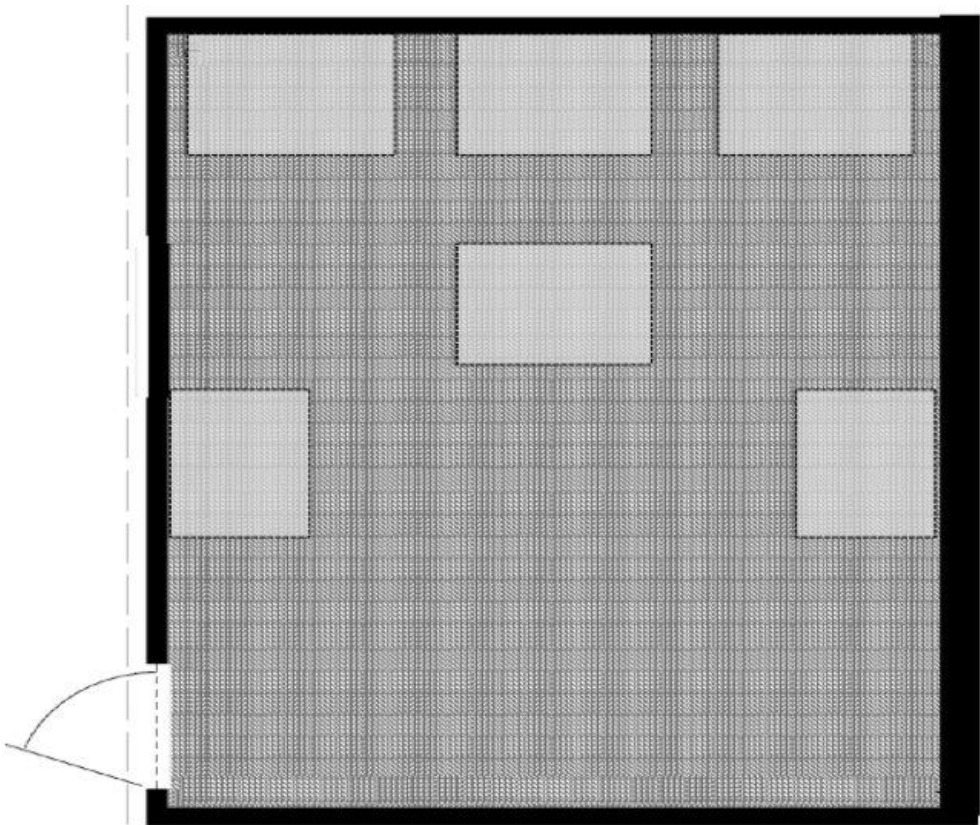
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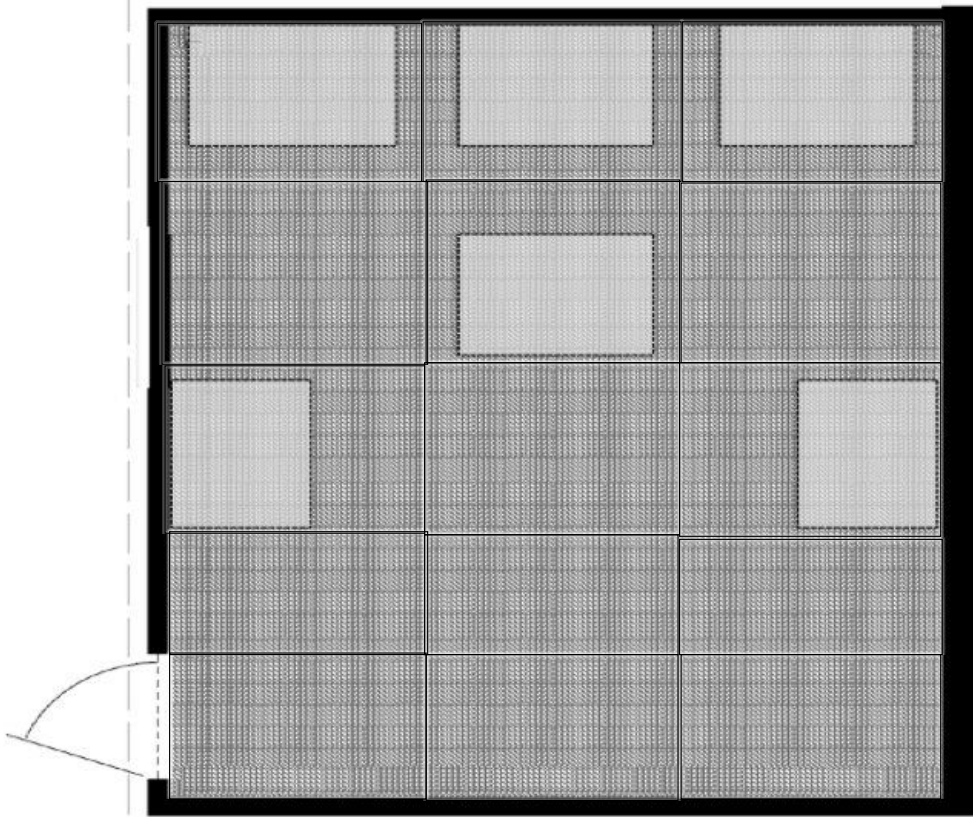
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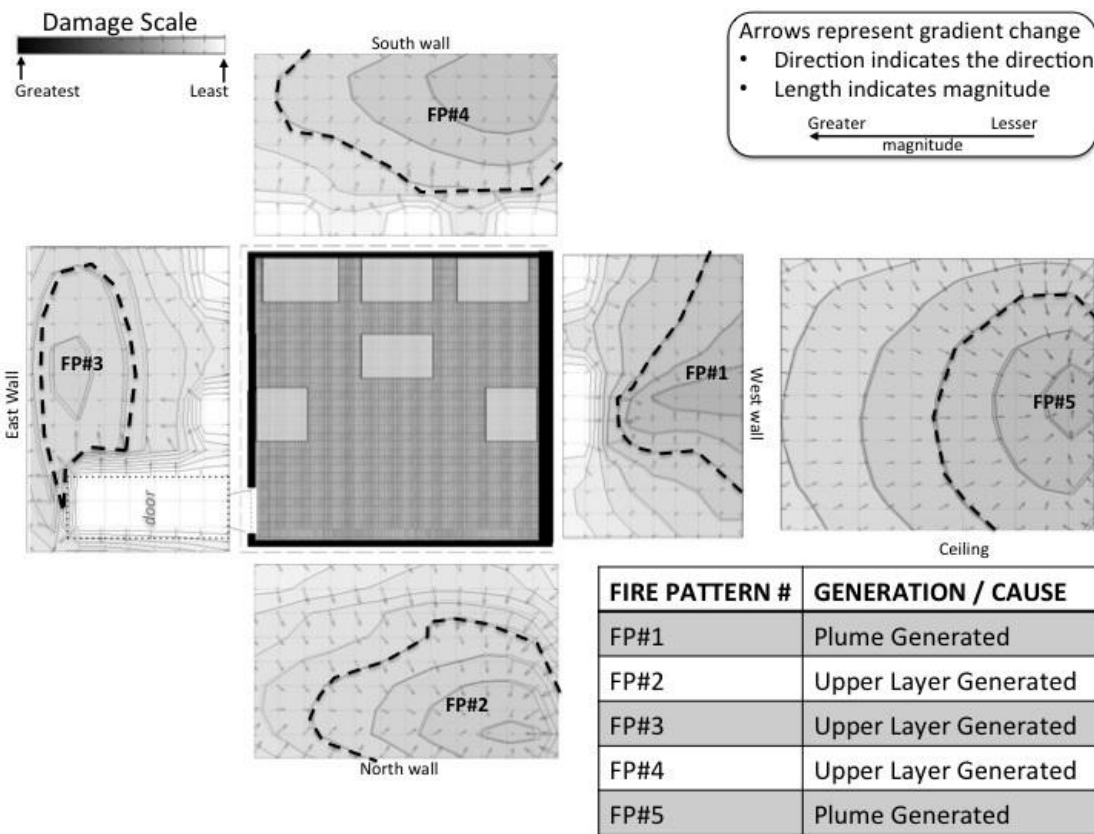
FP6, 4000, 120

### Block 29

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

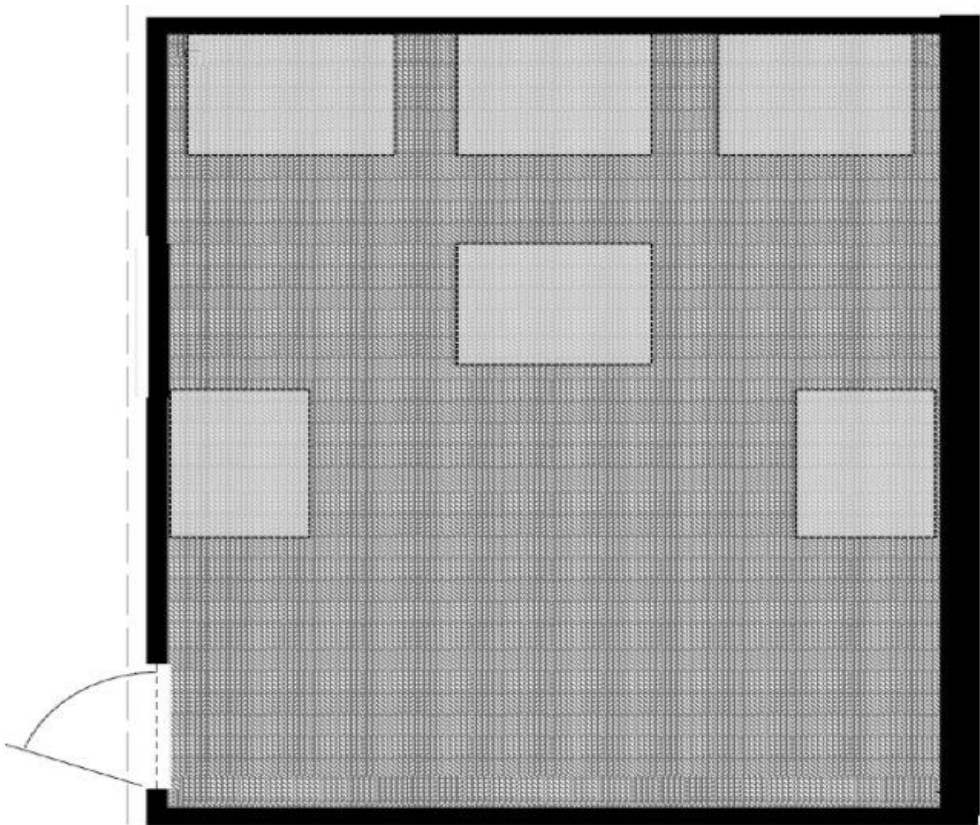
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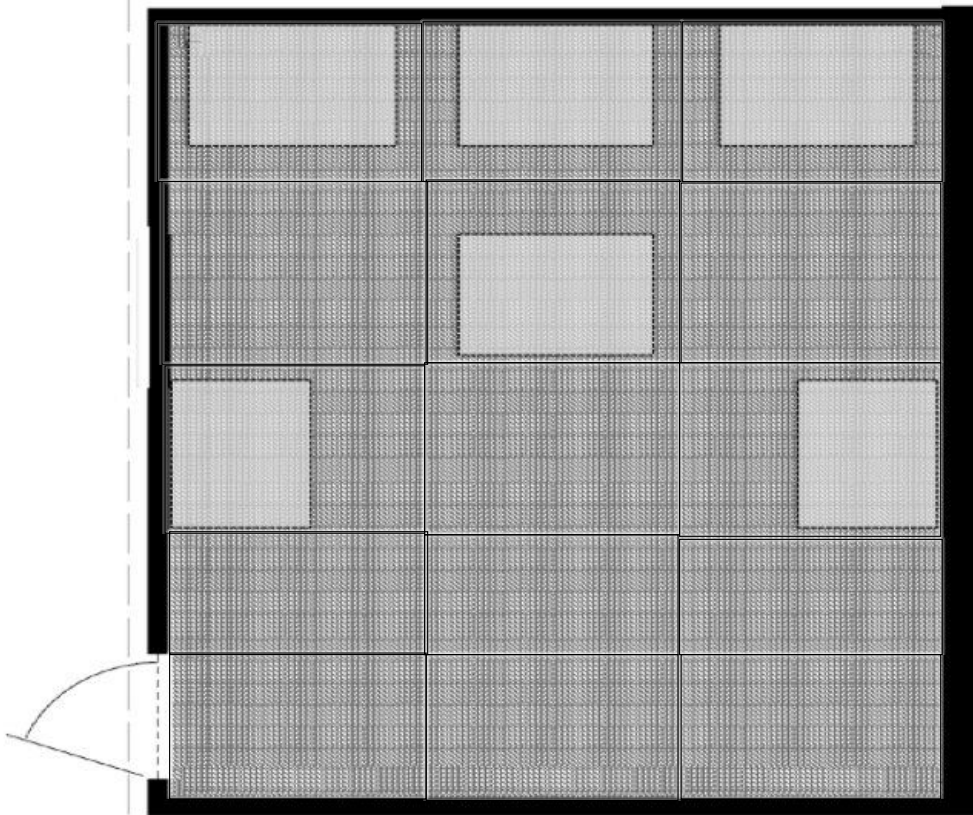
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FP6, 4000, 360

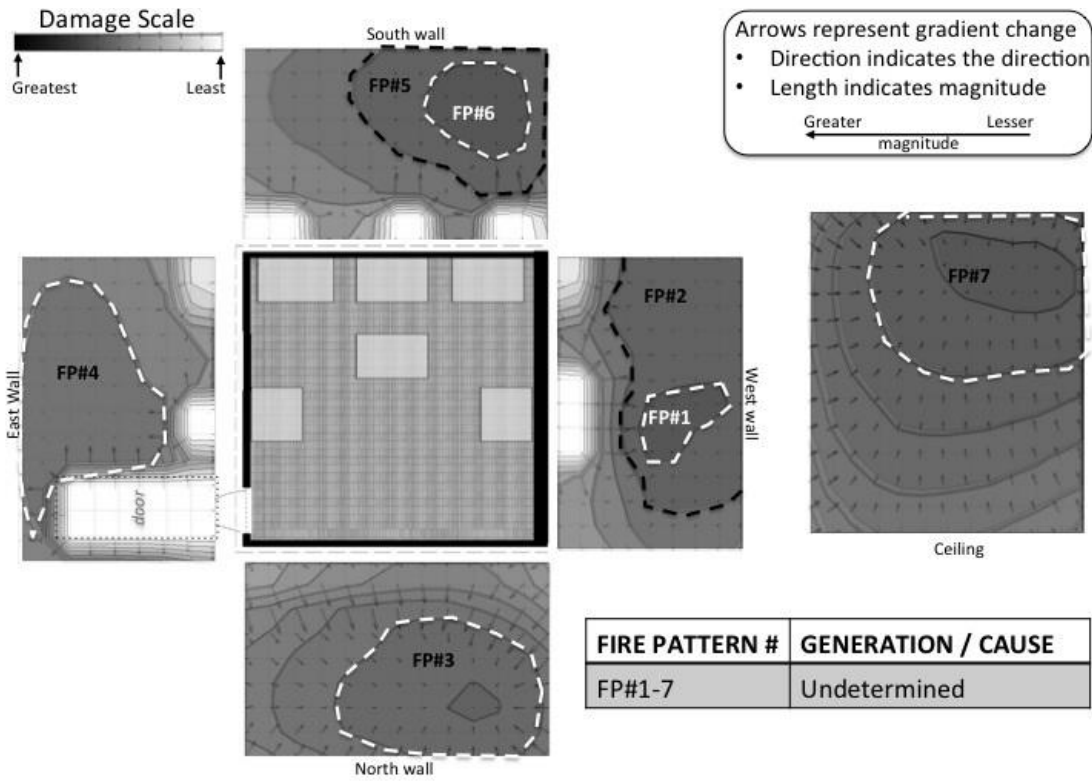
### Block 30

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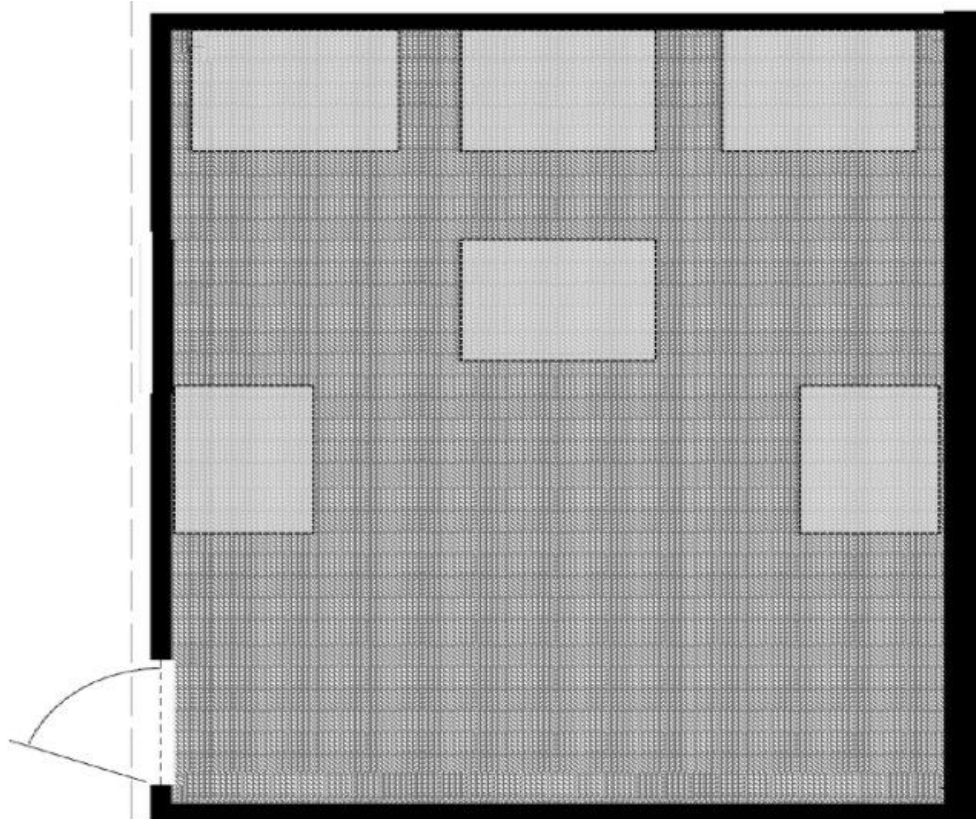
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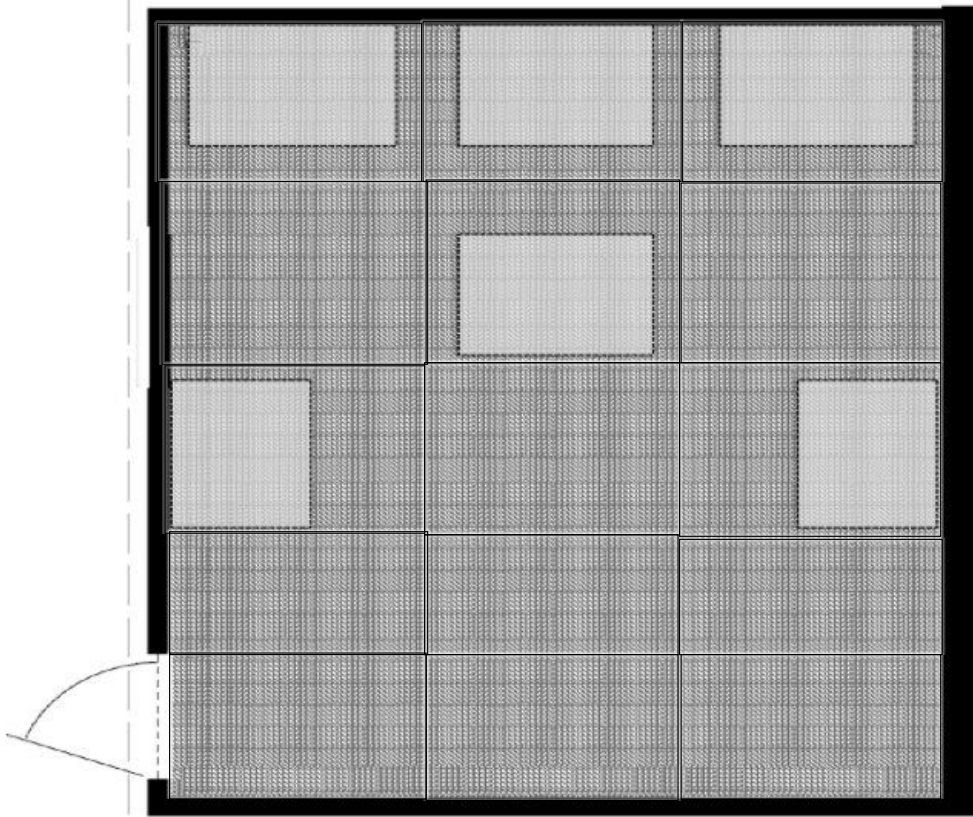
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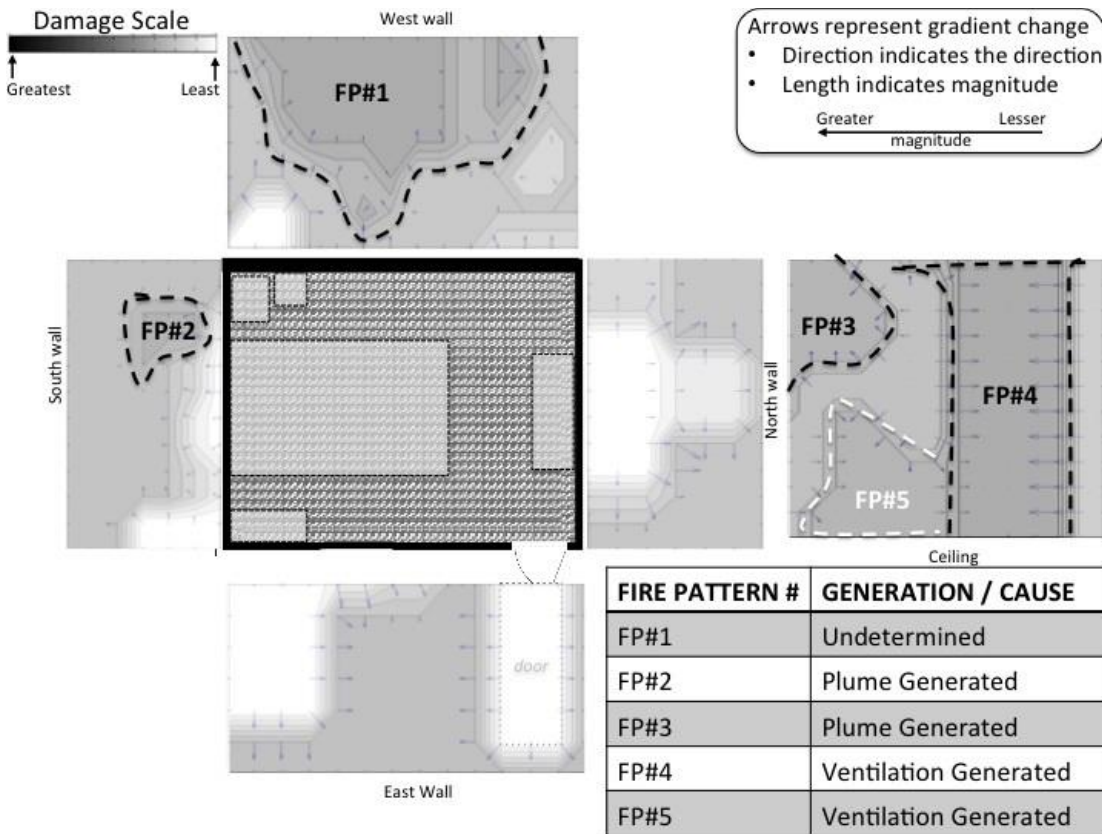
FP6, 4000, 900

### Block 31

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

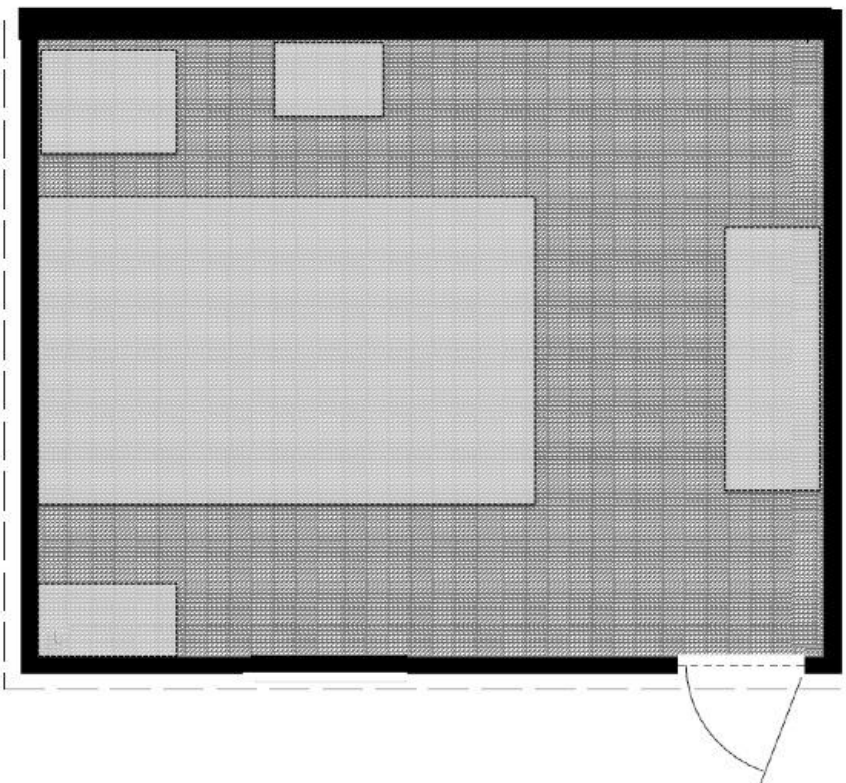
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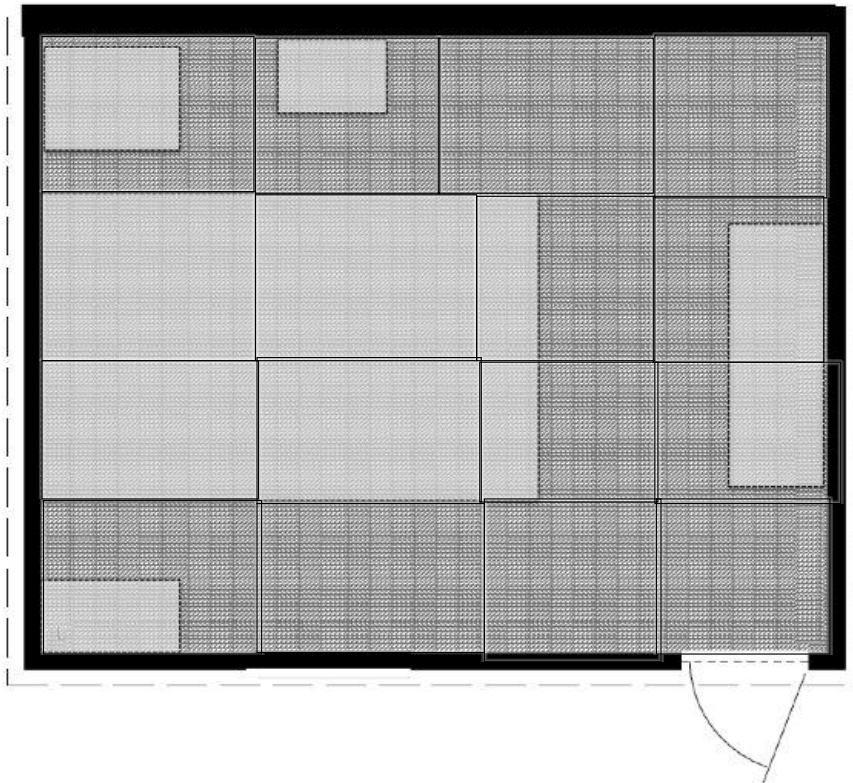
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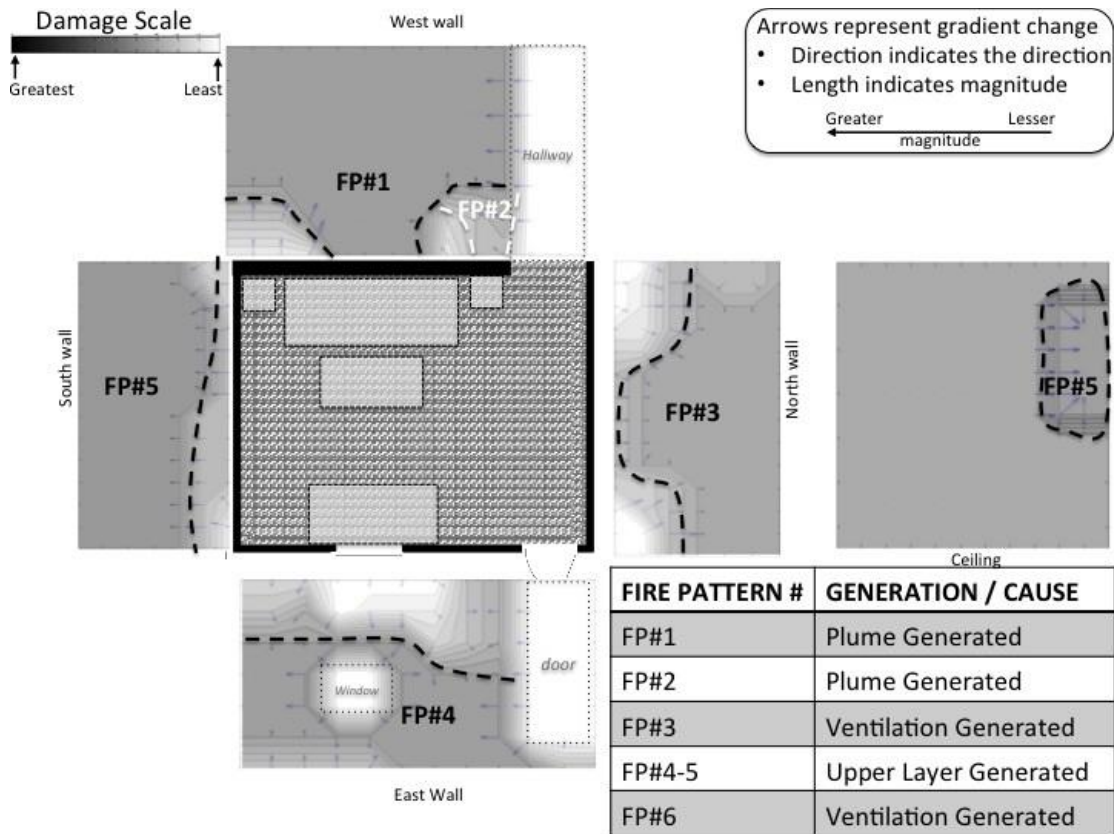
atf

### Block 32

#### FIRE PATTERNS NUMBERED & THEIR IDENTIFIED CAUSE

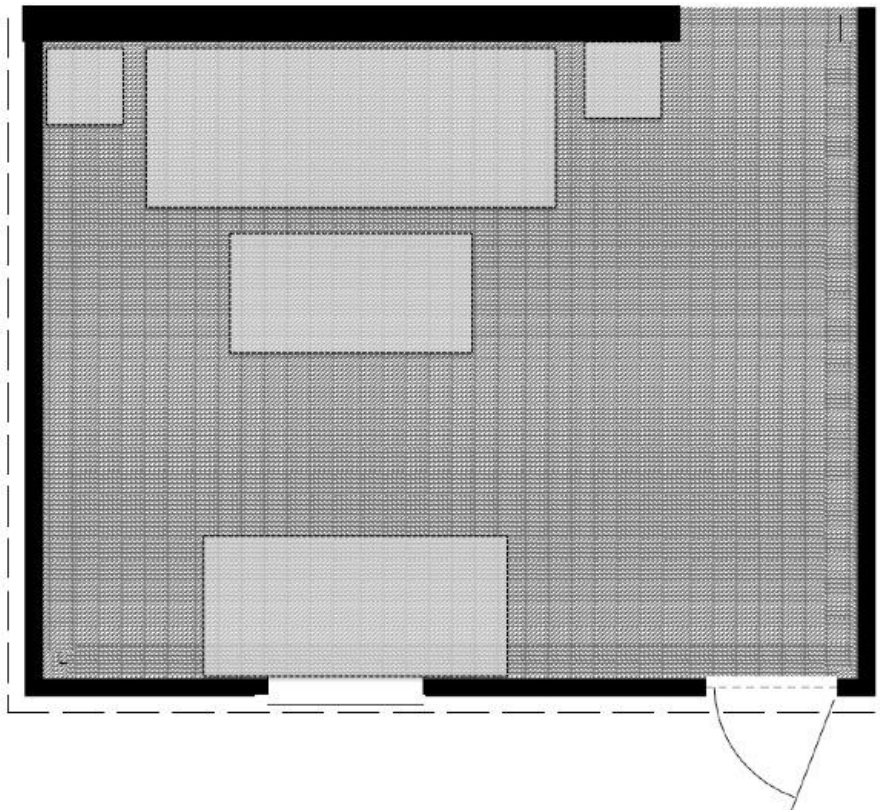
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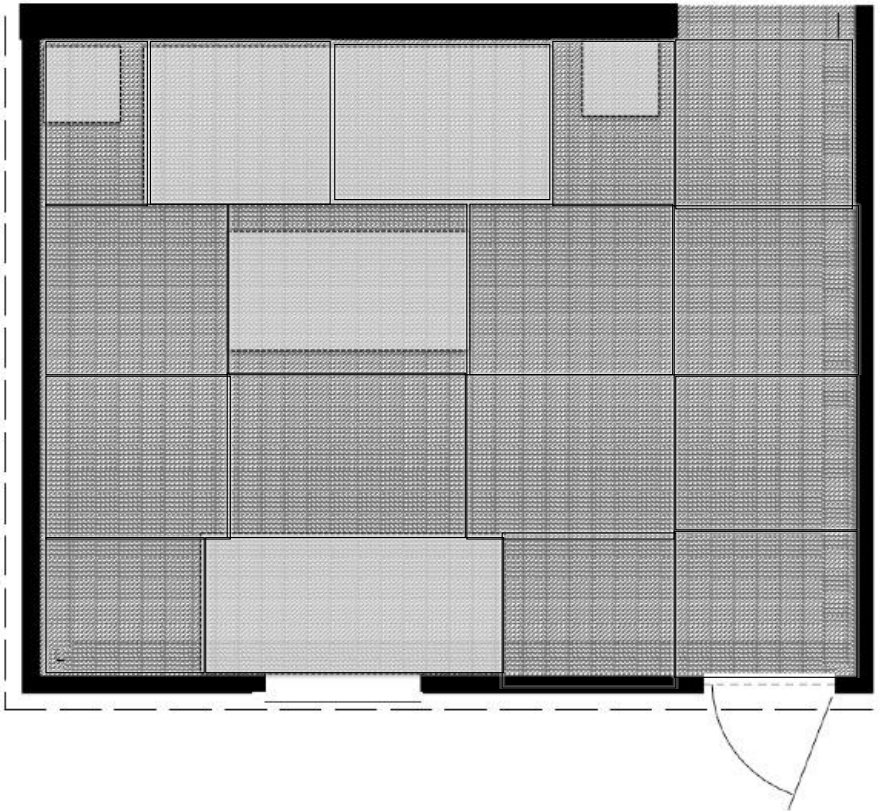
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fiods