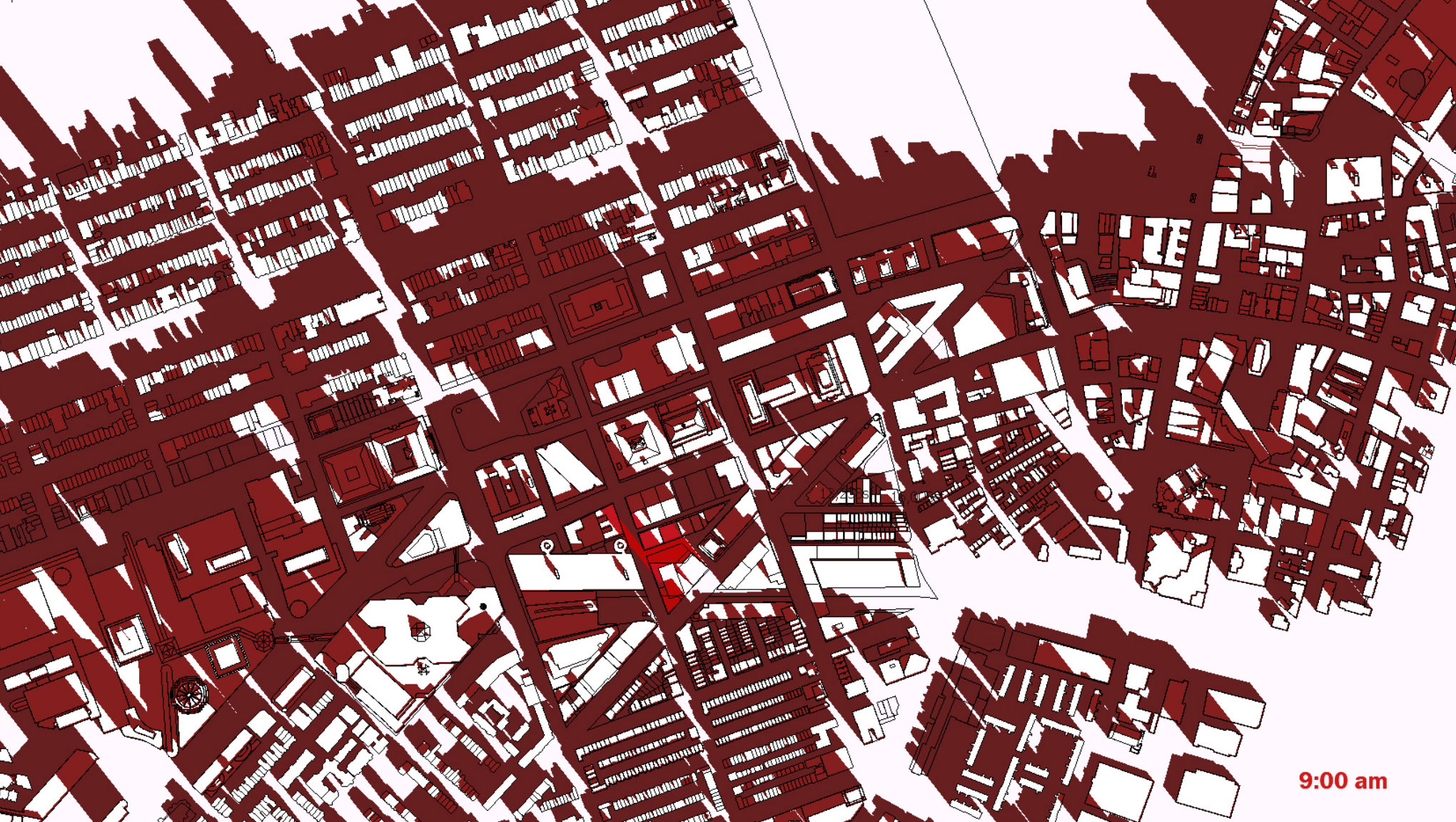


# SHADOW STUDY

## PART ONE

### Existing conditions with and without Columbus Center

The lightest red denotes the shadow that *would* have been created had Columbus Center been completed. The following images trace this shadow an hour per image from 9a until 3p on the winter solstice, December 21<sup>st</sup>, when shadows are most extreme.



9:00 am





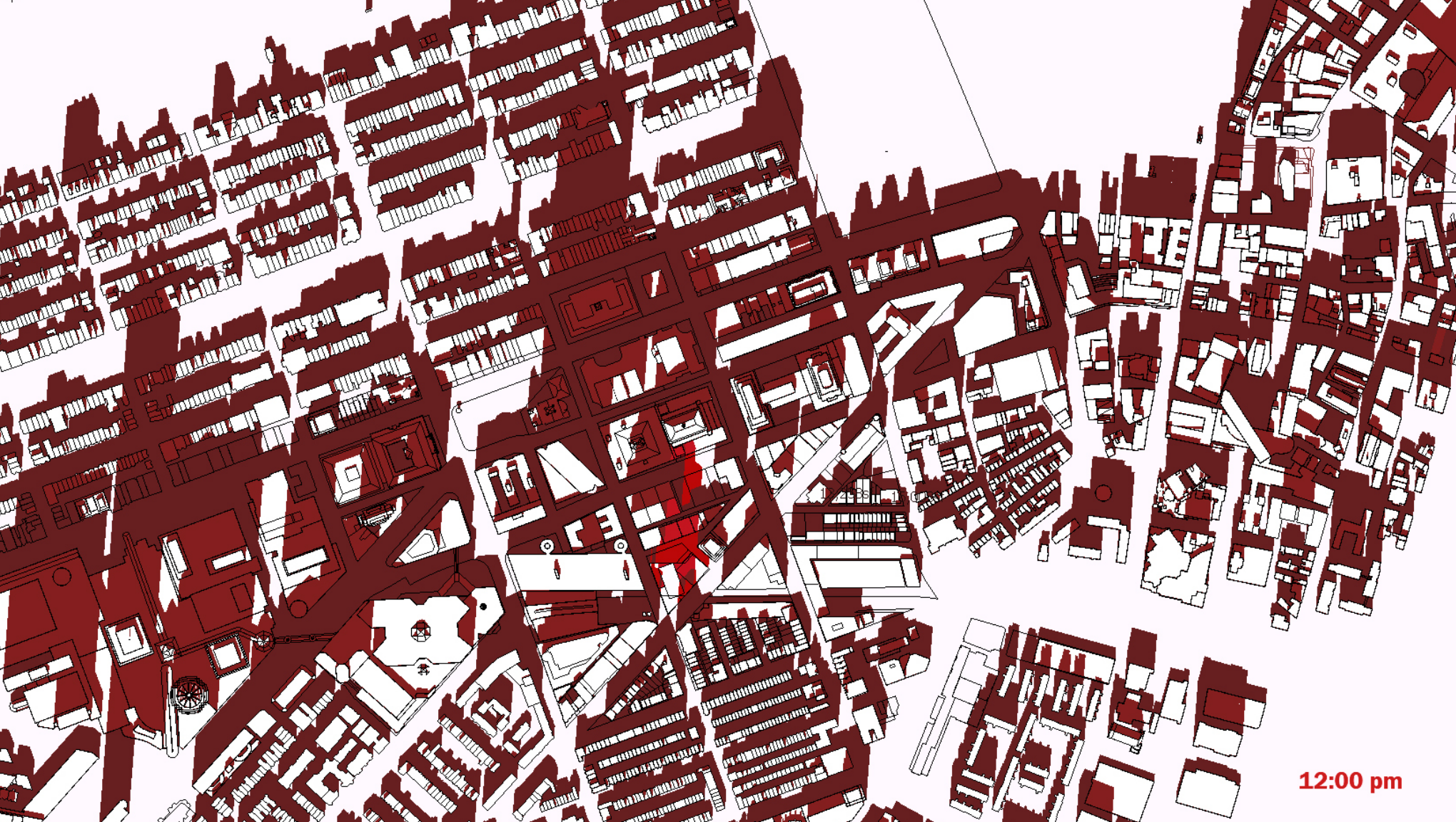
10:00 am





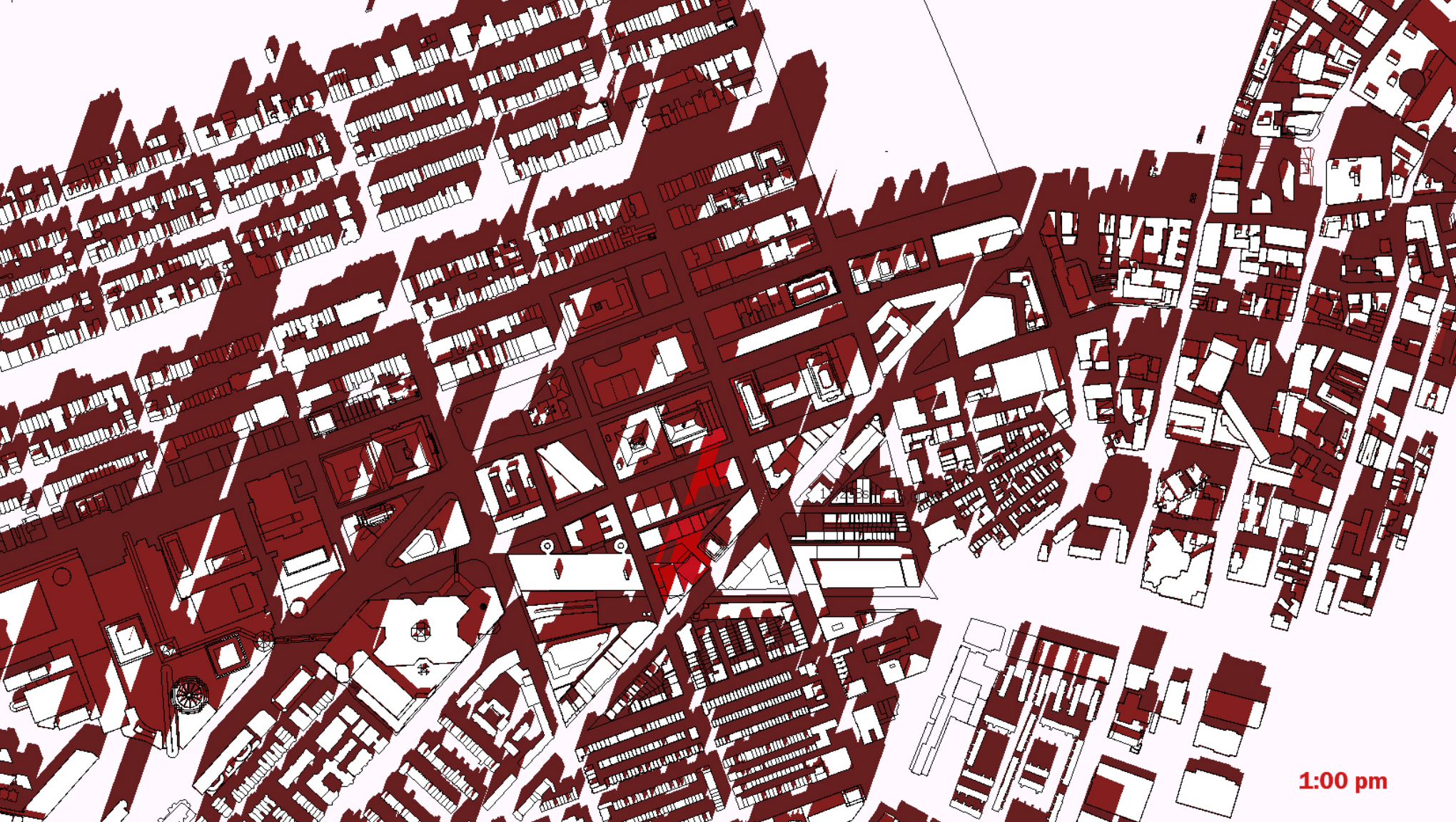
11:00 am





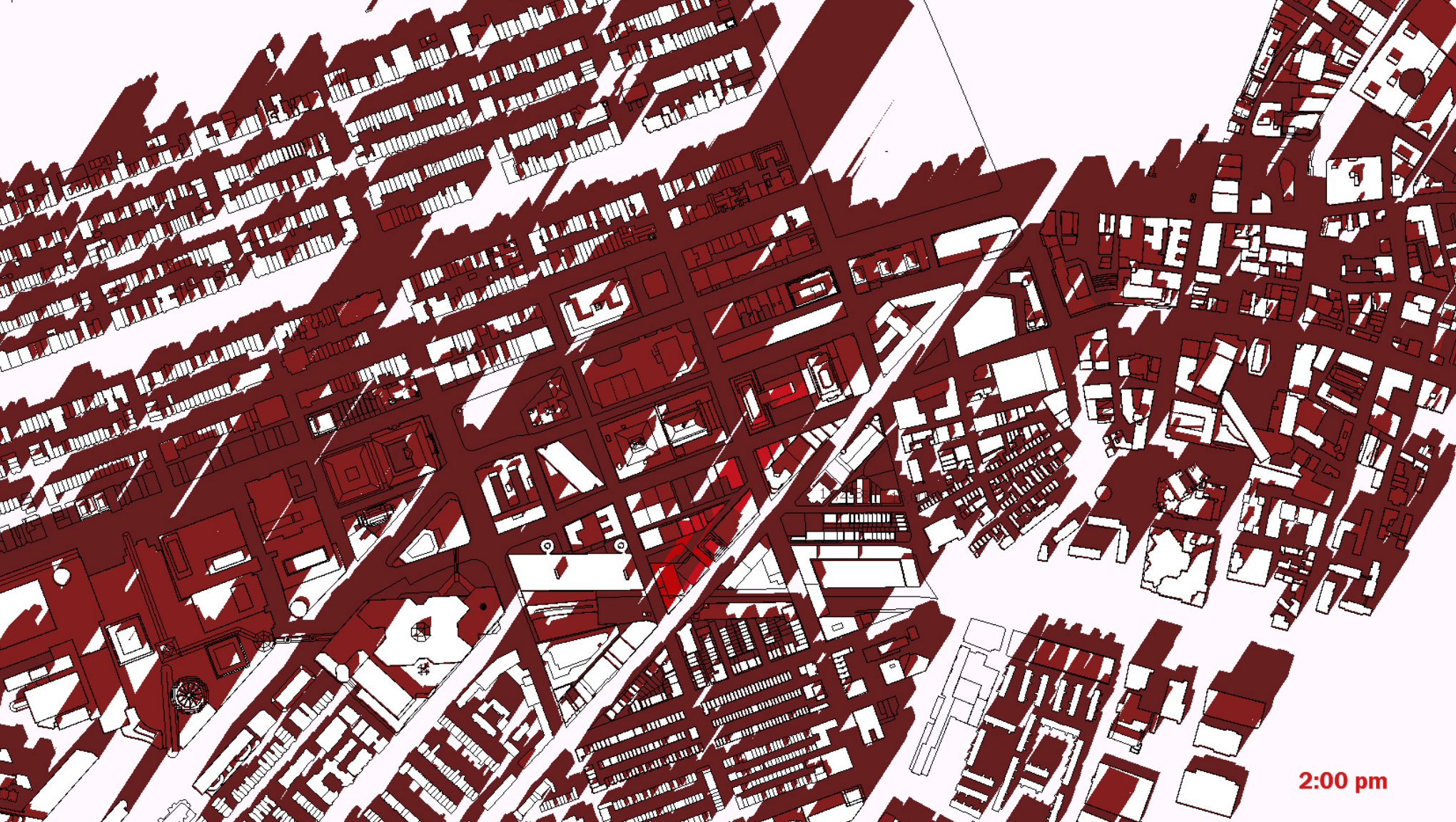
12:00 pm





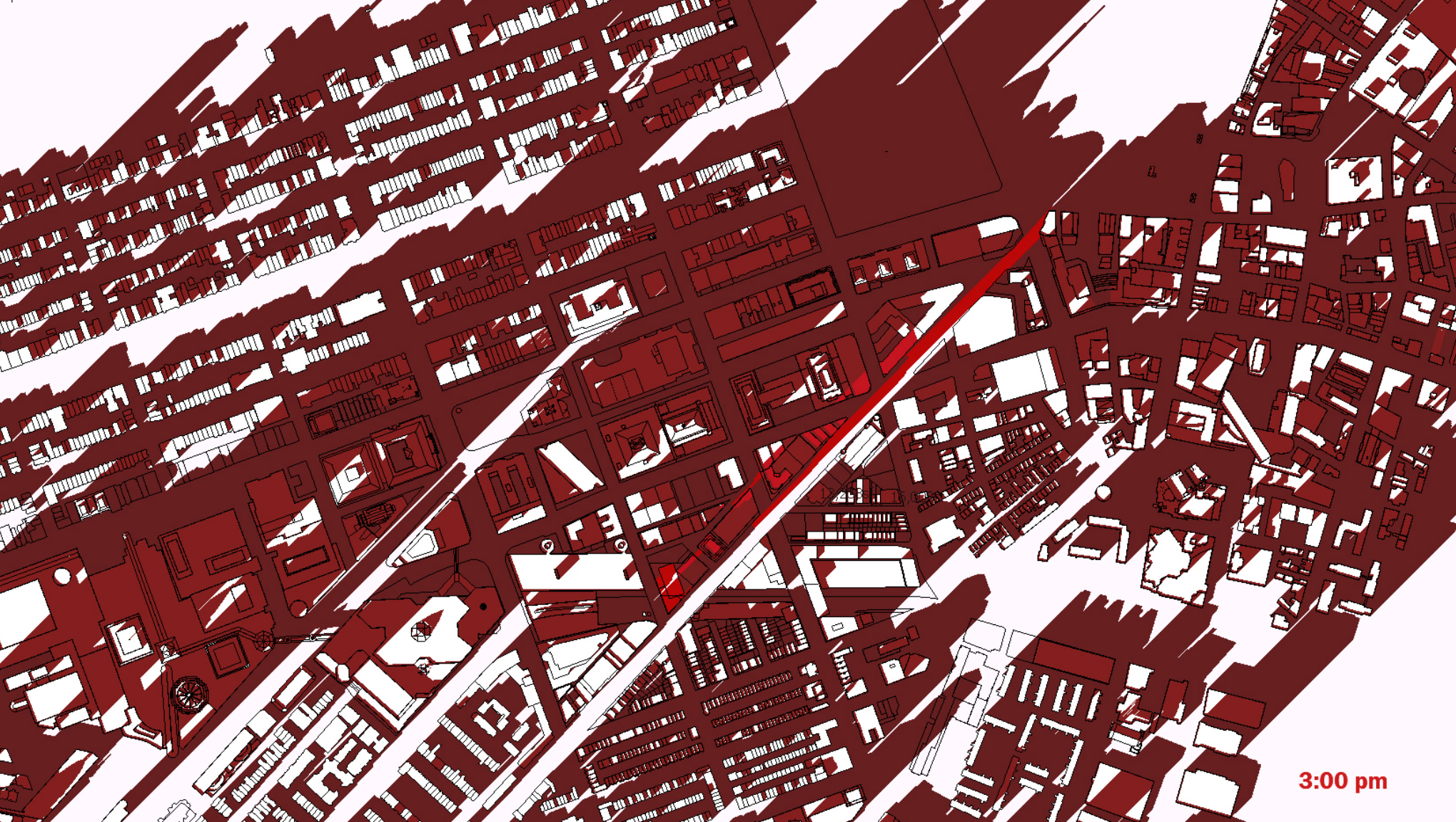
1:00 pm





2:00 pm





3:00 pm

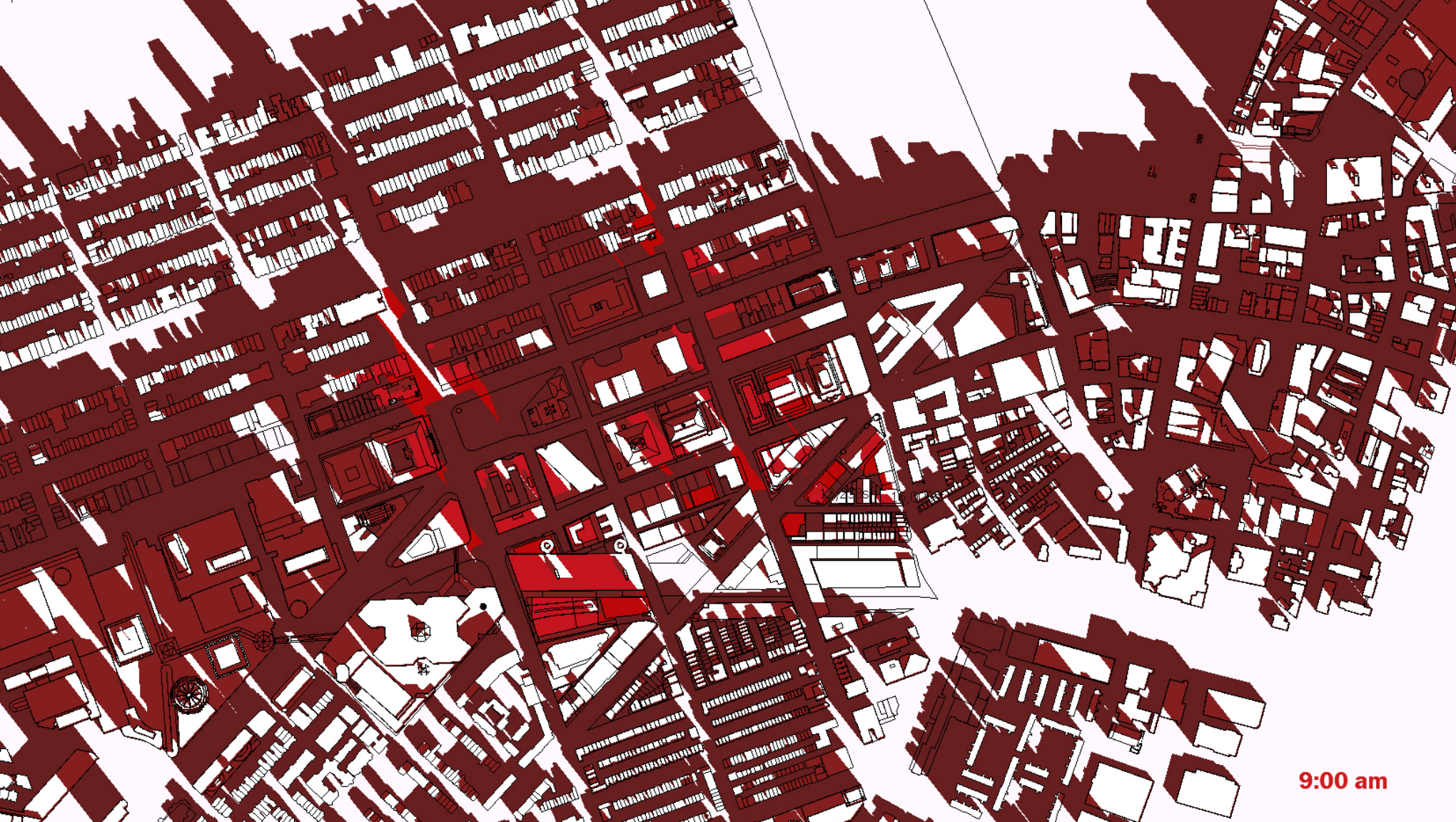


# SHADOW STUDY

## PART TWO

### Existing Conditions & Proposed Development without Columbus Center

The lightest red denotes the shadow that *could* be created by new development with current draft zoning. Columbus Center has *not* been included in this scenario. The following images trace the shadows an hour per image from 9a until 3p on the winter solstice, December 21<sup>st</sup>, when shadows are most extreme.



9:00 am





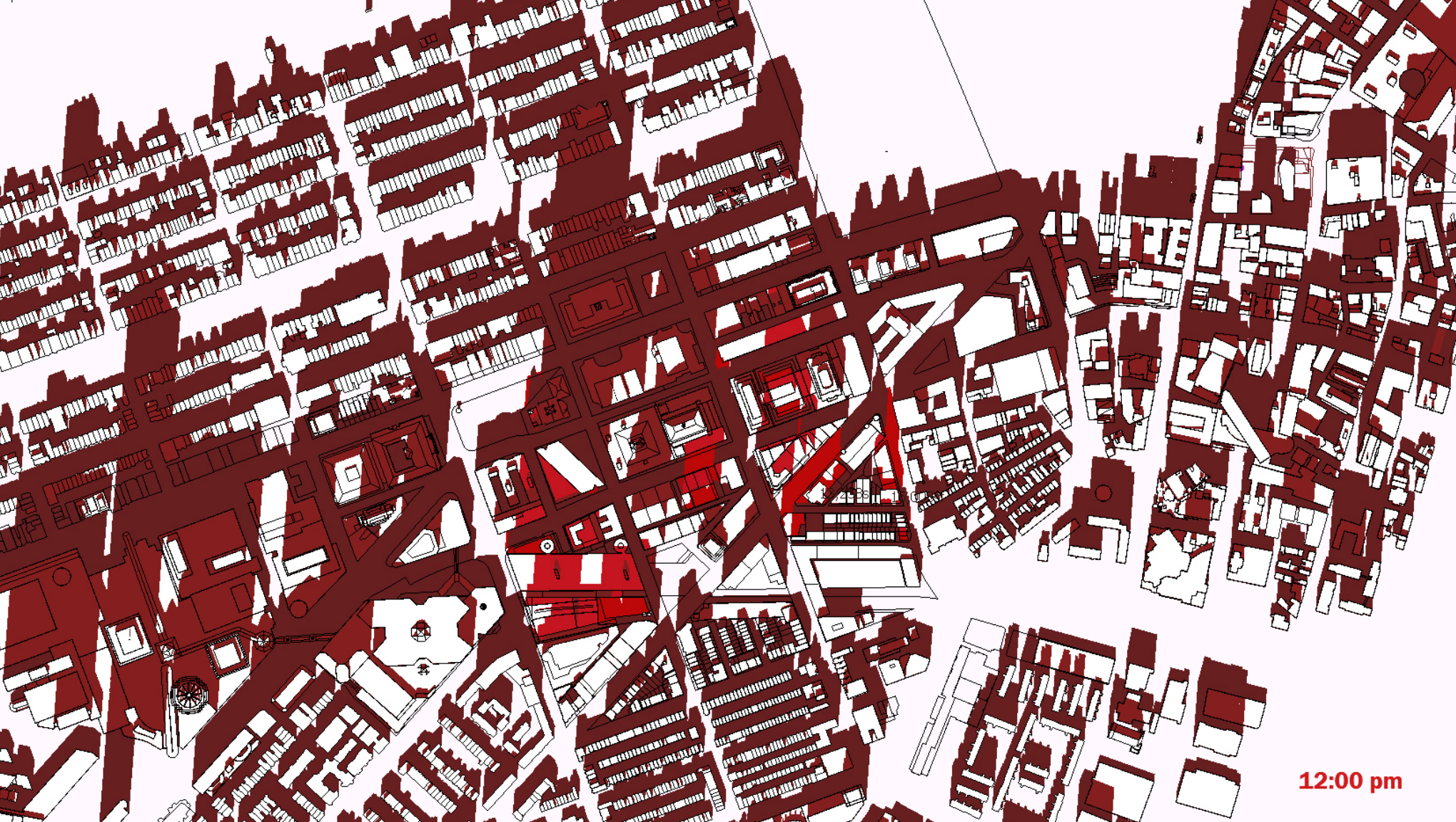
10:00 am





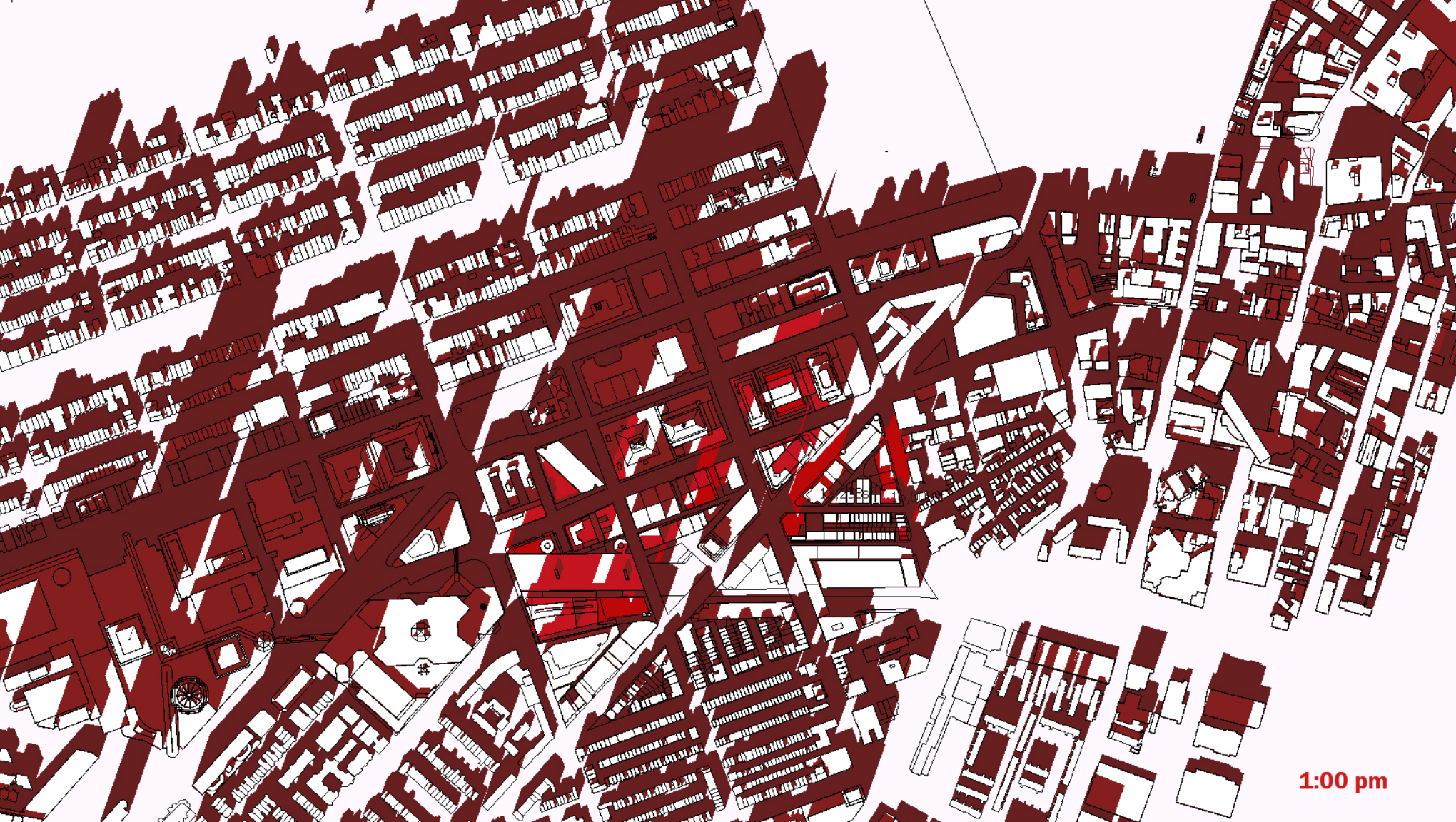
11:00 am





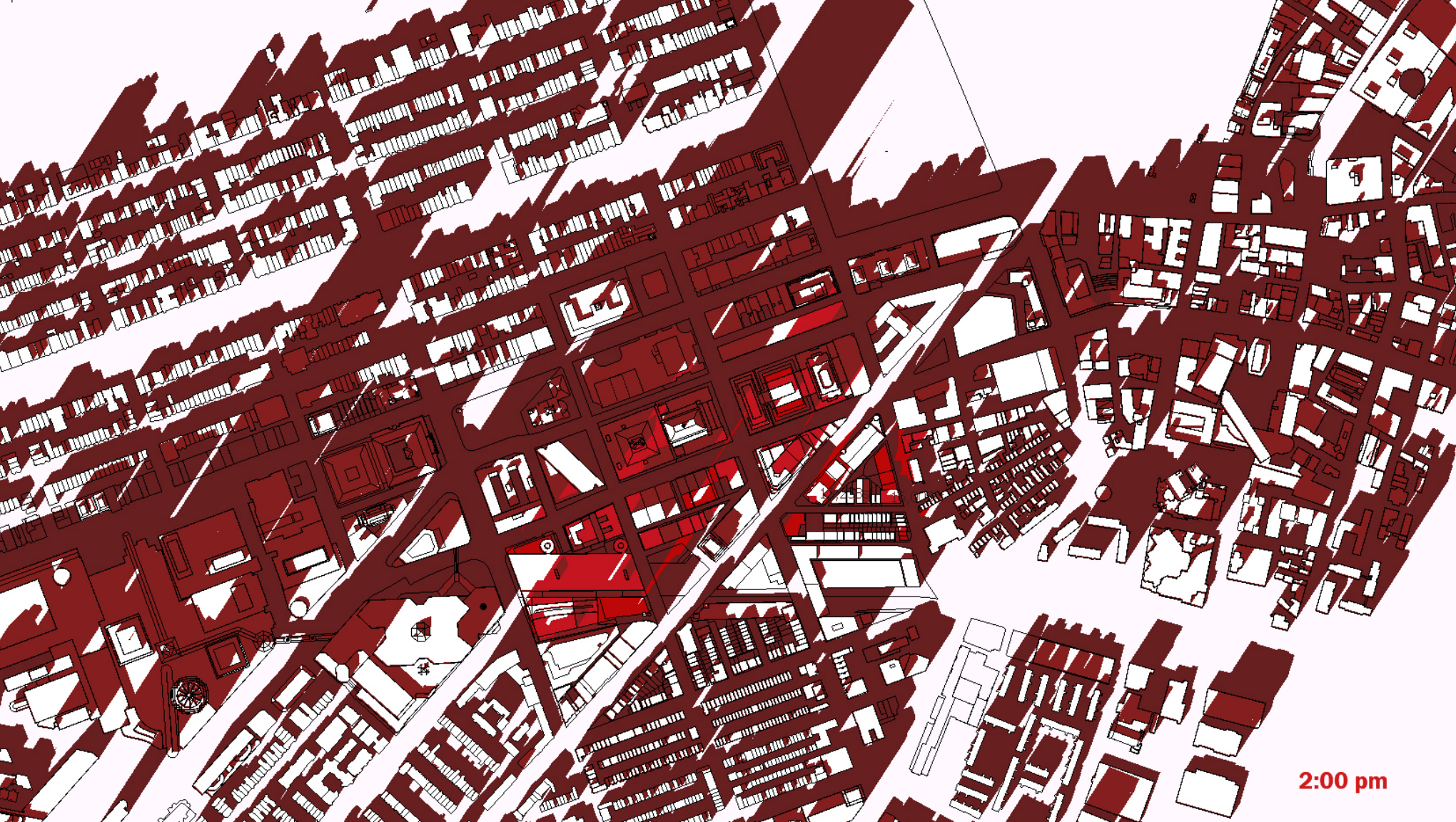
12:00 pm





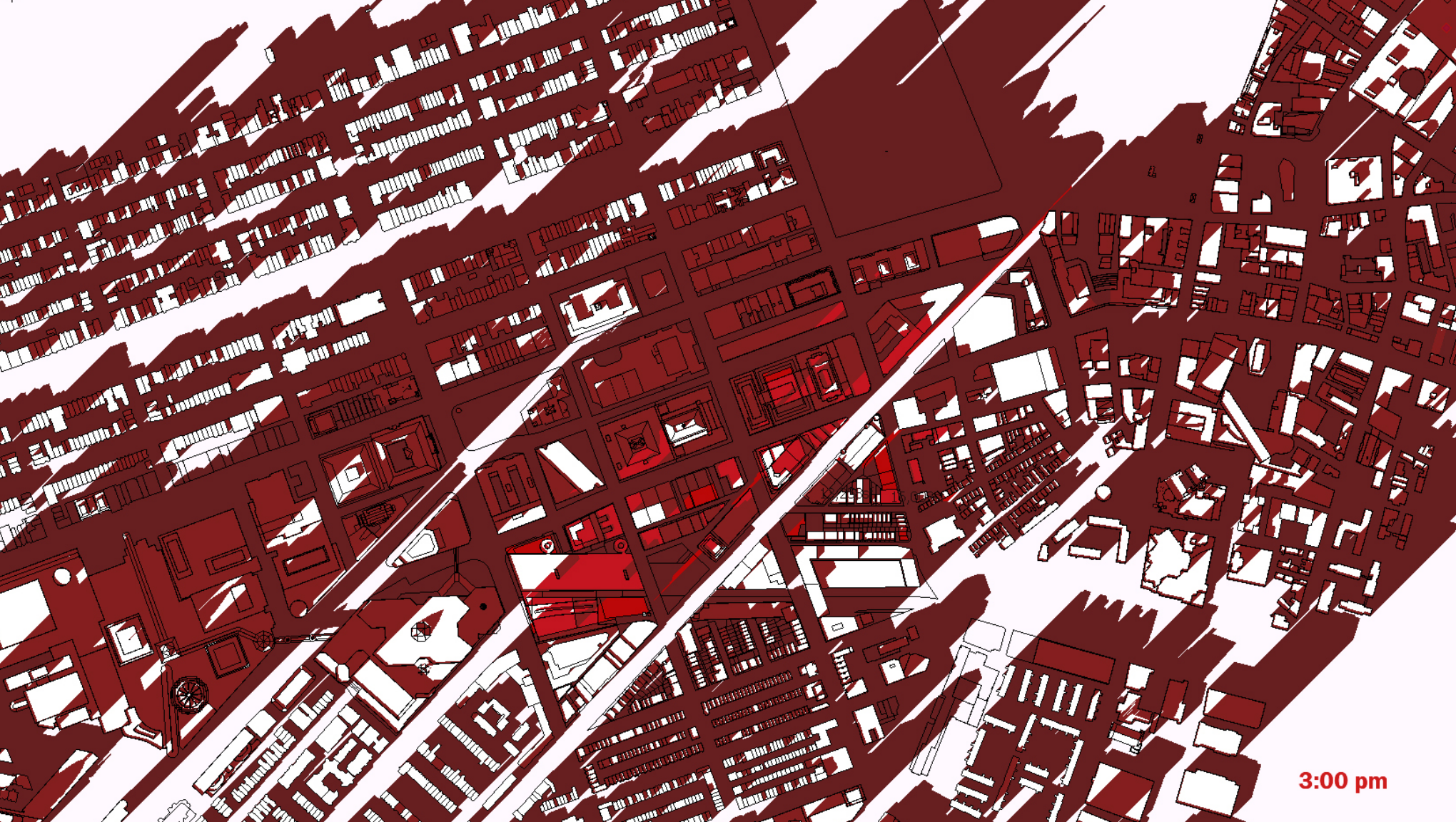
1:00 pm





2:00 pm





3:00 pm

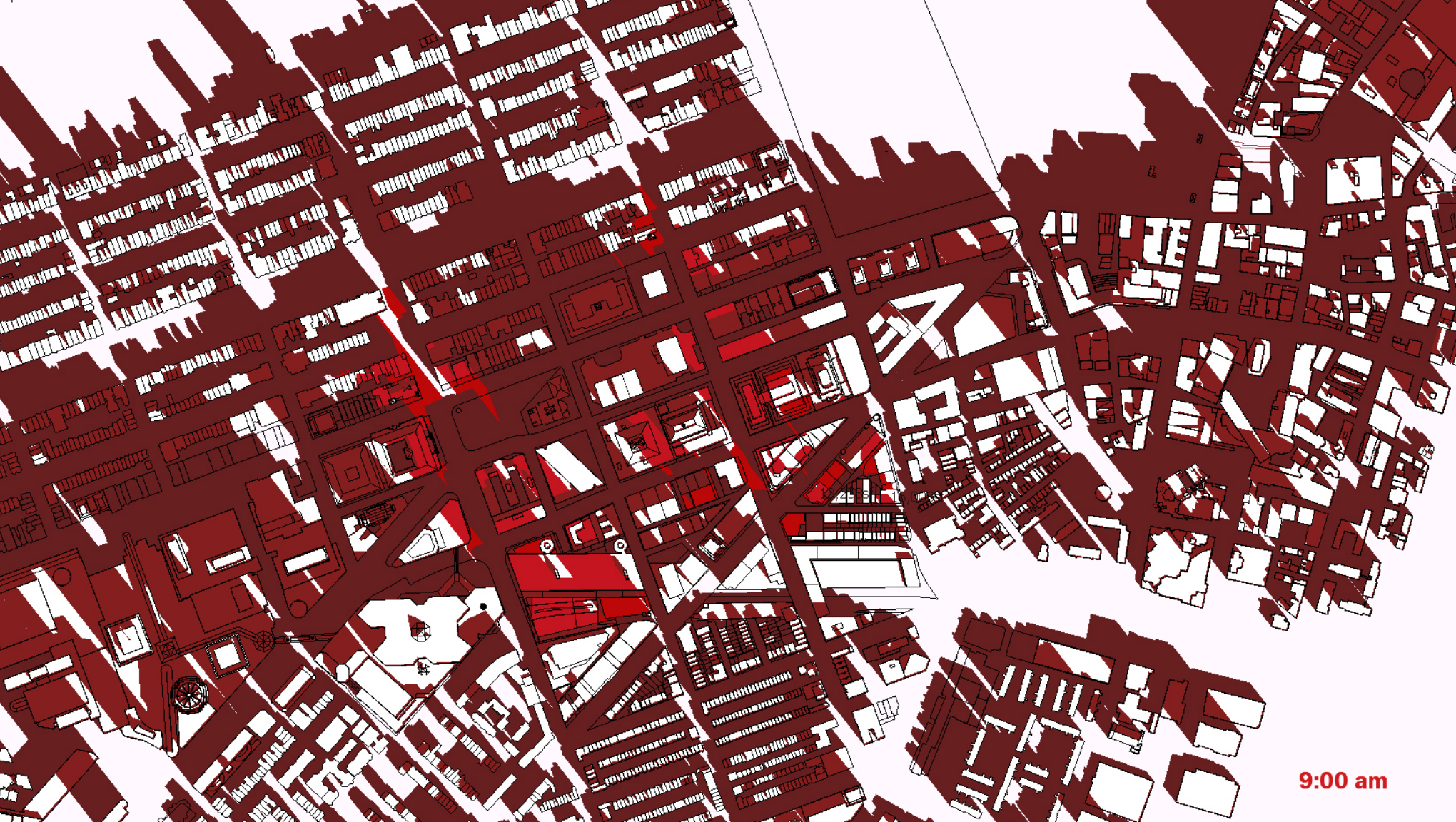


# SHADOW STUDY

## PART THREE

### Existing Conditions & Proposed Development with Columbus Center

The lightest red denotes the shadow that *could* be created by new development with current draft zoning. Columbus Center *has* been included in this scenario. The following images trace the shadows an hour per image from 9a until 3p on the winter solstice, December 21<sup>st</sup>, when shadows are most extreme.



9:00 am





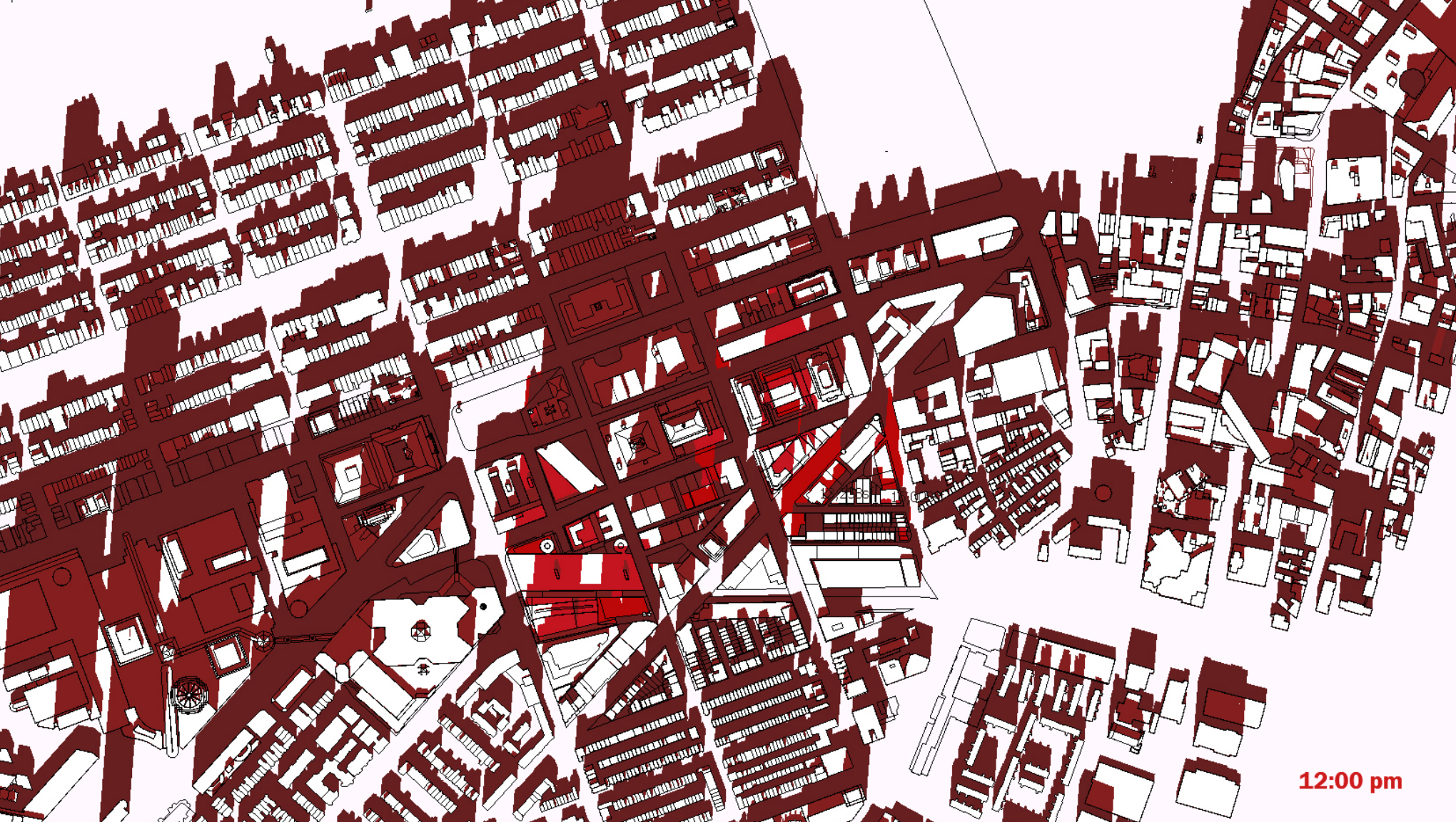
10:00 am





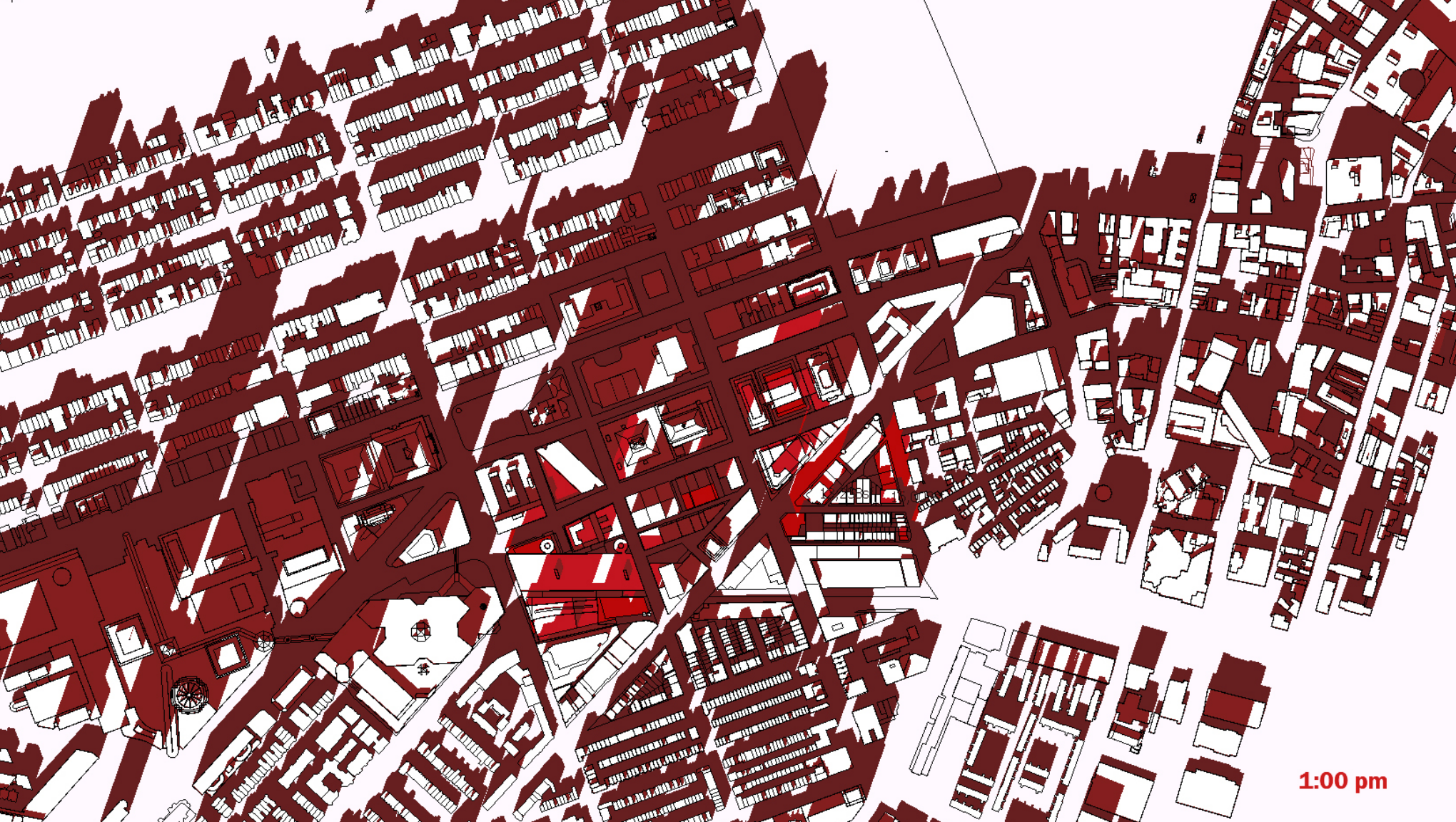
11:00 am





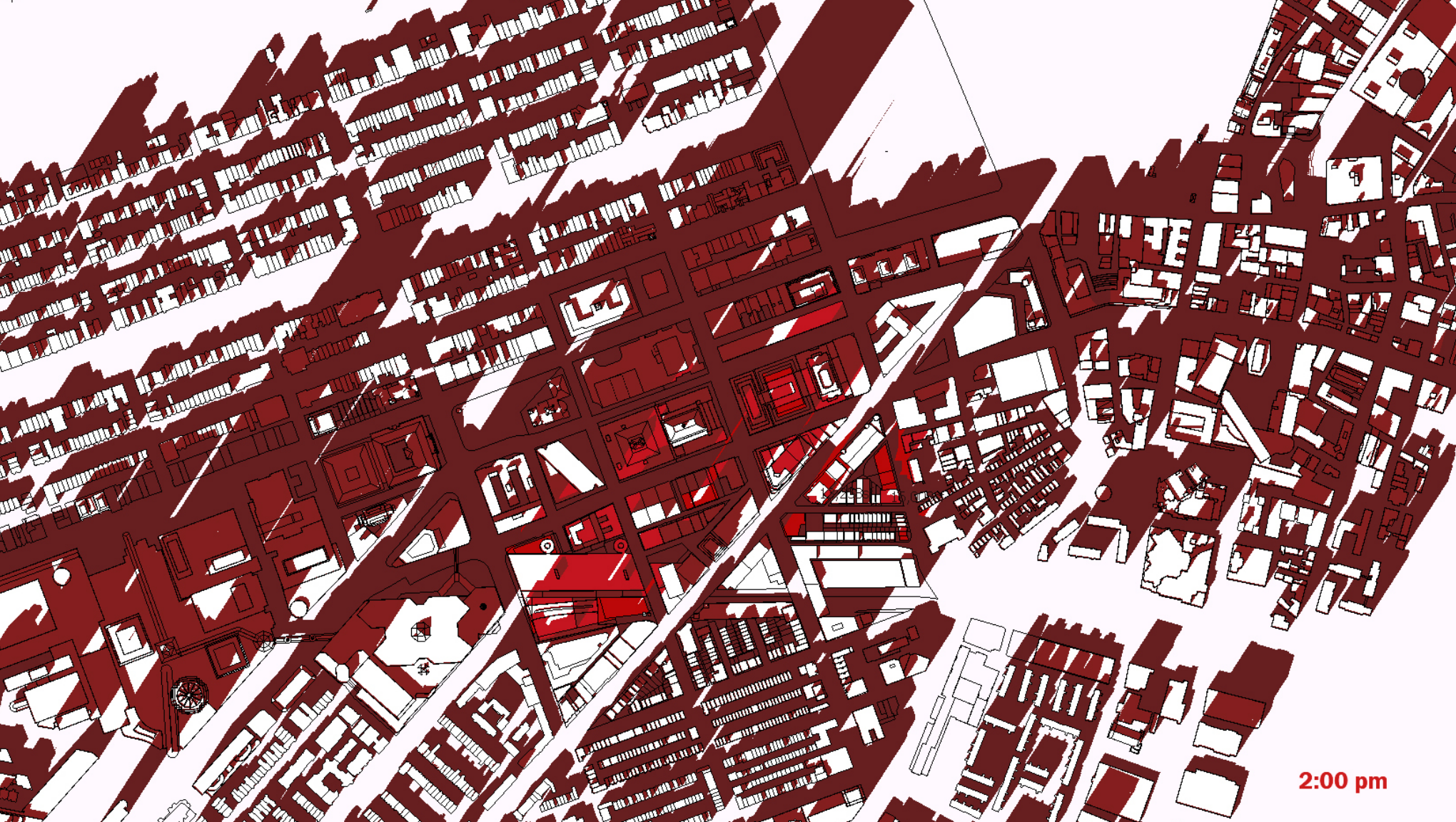
12:00 pm





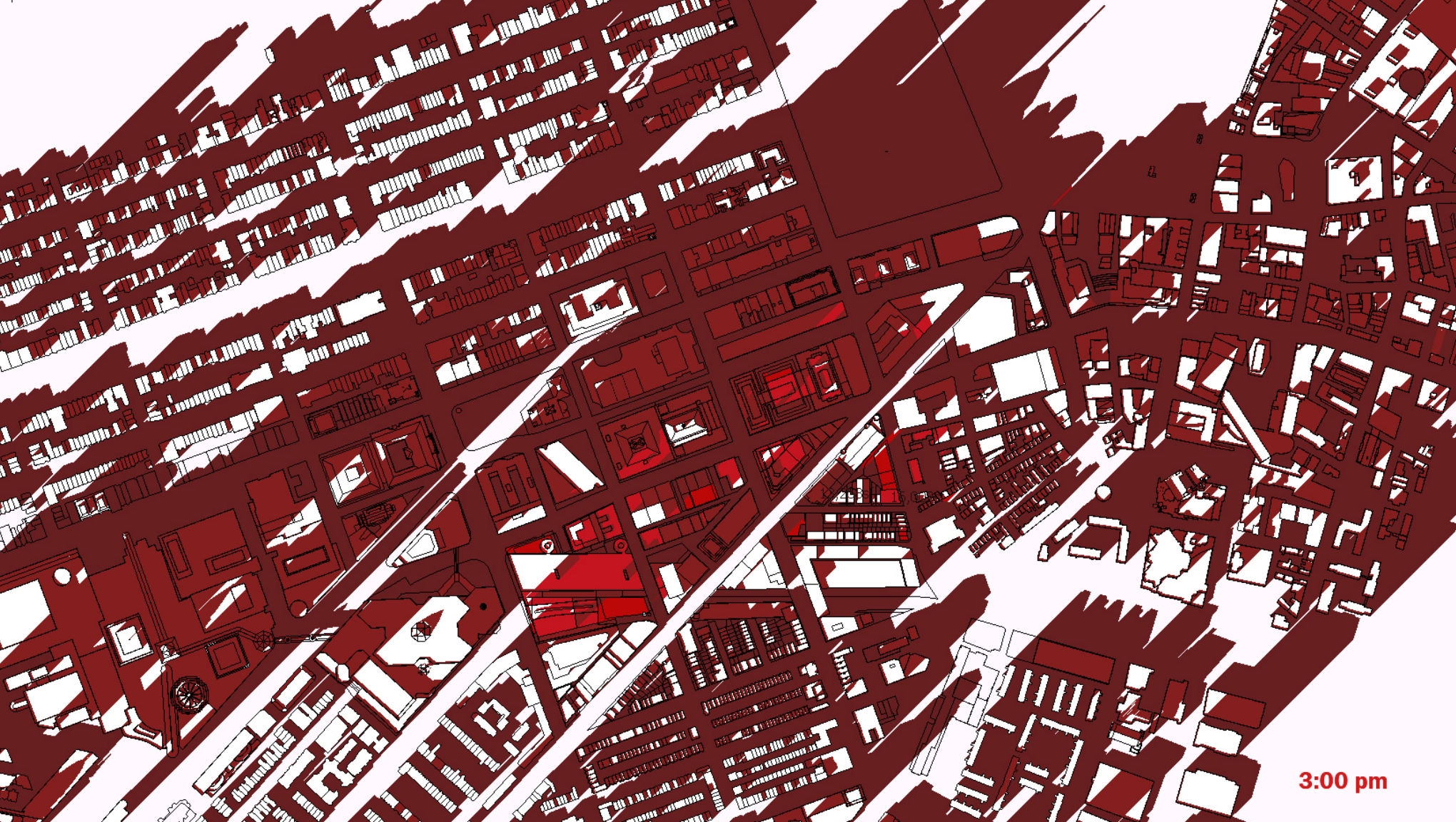
1:00 pm





2:00 pm





3:00 pm