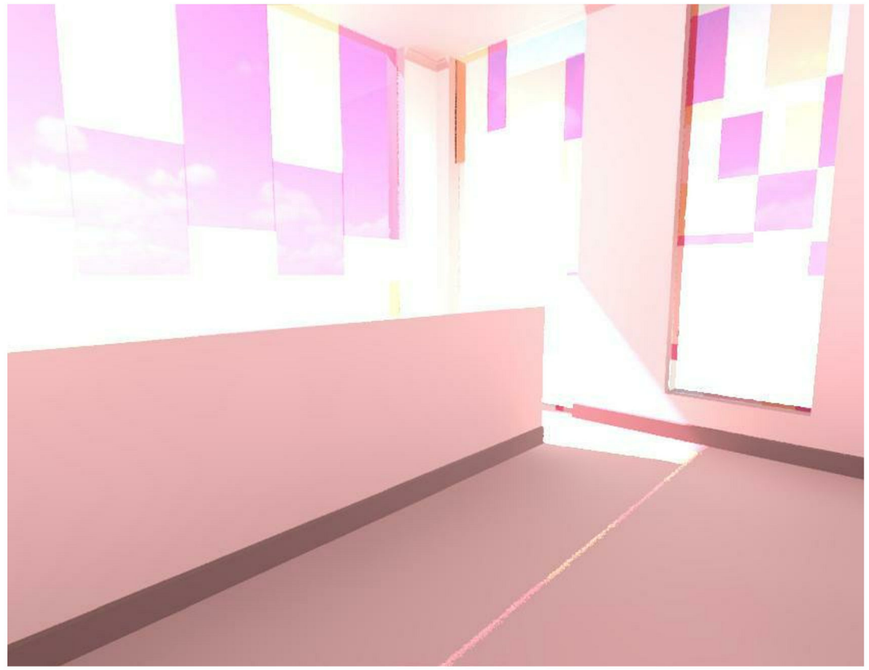
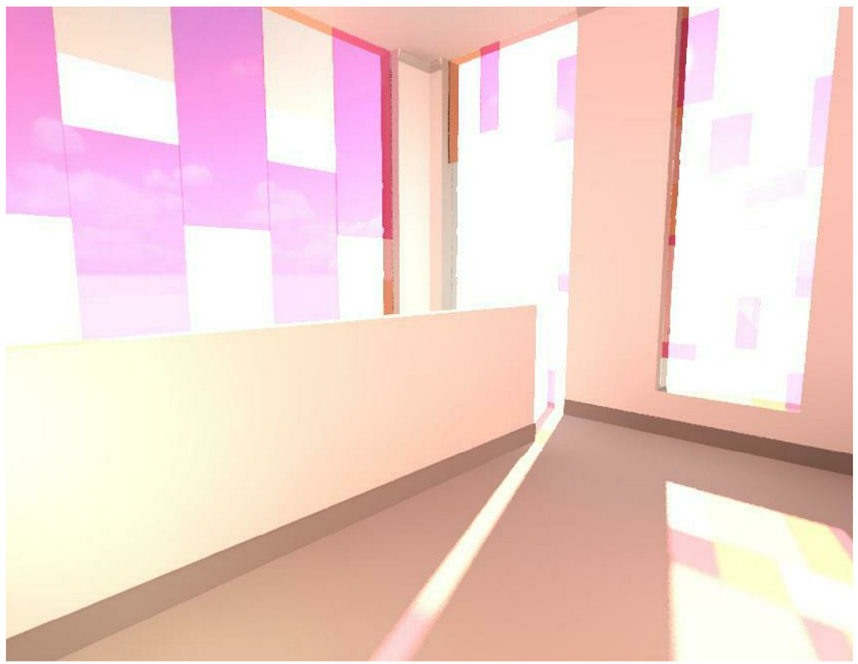
1 Kitchen_SW_Spring_Equinox_9AM
12" = 1'-0"

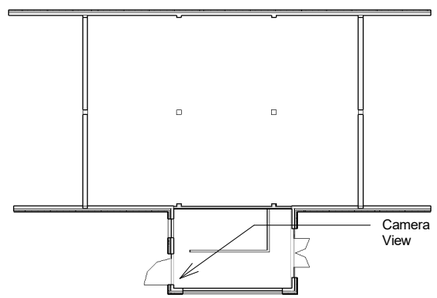


2 Kitchen_SW_Spring_Equinox_12PM
12" = 1'-0"



3 Kitchen_SW_Spring_Equinox_5PM
12" = 1'-0"

Sunlight greatly penetrates and affects how this space is perceived. The solar window is very intense at this time, mainly due to the earth's angle and positioning in relation to the Sun. At the time of the spring equinox, the building's location begins to receive more sunlight. In return, more natural daylight enters the space, thus creating a very bright interior. In order to counteract this, I believe adding in light shelves to the east and west sides will help eliminate the harsh sunlight while leaving behind pleasing, enjoyable daylight.



4 Key Plan - A01
1/32" = 1'-0"

No.	Description	Date

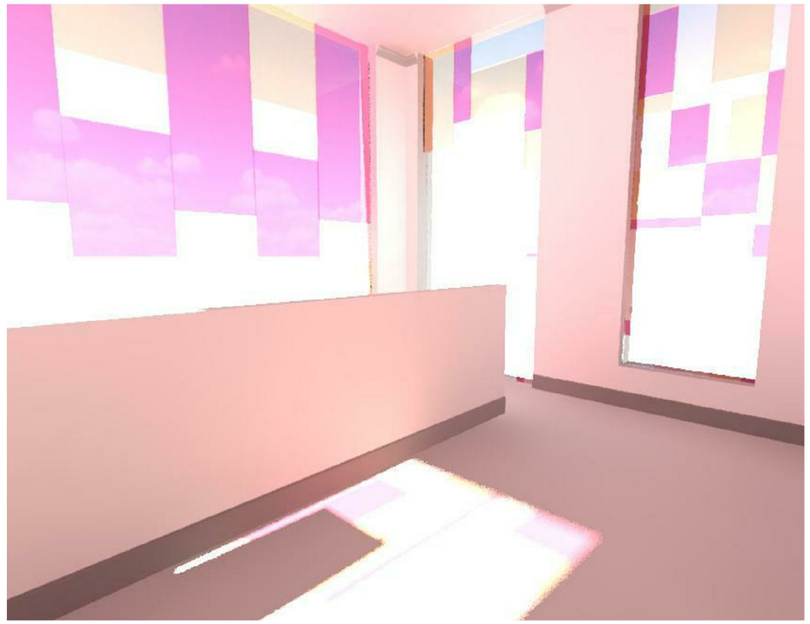
Revit Persp. Proofs
Spring Equinox

Project number	IDES 221-2
Date	11/19/19
Drawn by	Jacquie Baker
Checked by	Instructor Potts

A-01

Scale	As indicated

2/26/2020 3:08:14 PM

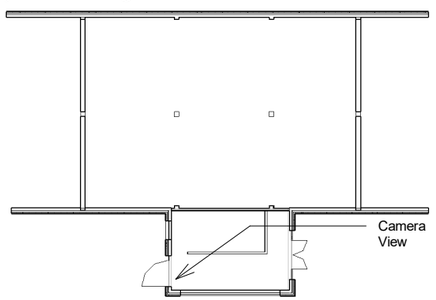


1 Kitchen_SW_Summer_Solstice_9AM
12" = 1'-0"

2 Kitchen_SW_Summer_Solstice_12PM
12" = 1'-0"

Sunlight extremely infiltrates the public space of the building during the summer solstice. The solar window is at its peak during this time, mainly due to the earth's angle and positioning in relation to the Sun. At the time of the summer solstice, the building's location receives the maximum amount of sunlight. In return, sunlight engulfs the space, thus creating an uncomfortably bright interior. In order to counteract this, I believe adding in automatic roller shades with sensors coupled with light shelves would help immensly during this time. Automatic sensors would help detect the most intense times of day for sunlight within the building and help alleivate it by retracting the shades.

3 Kitchen_SW_Summer_Solstice_5PM
12" = 1'-0"



4 Key Plan - A02
1/32" = 1'-0"

No.	Description	Date

Revit Persp. Proofs
Summer Solstice

Project number	IDES 221-2
Date	11/19/19
Drawn by	Jacquie Baker
Checked by	Instructor Potts

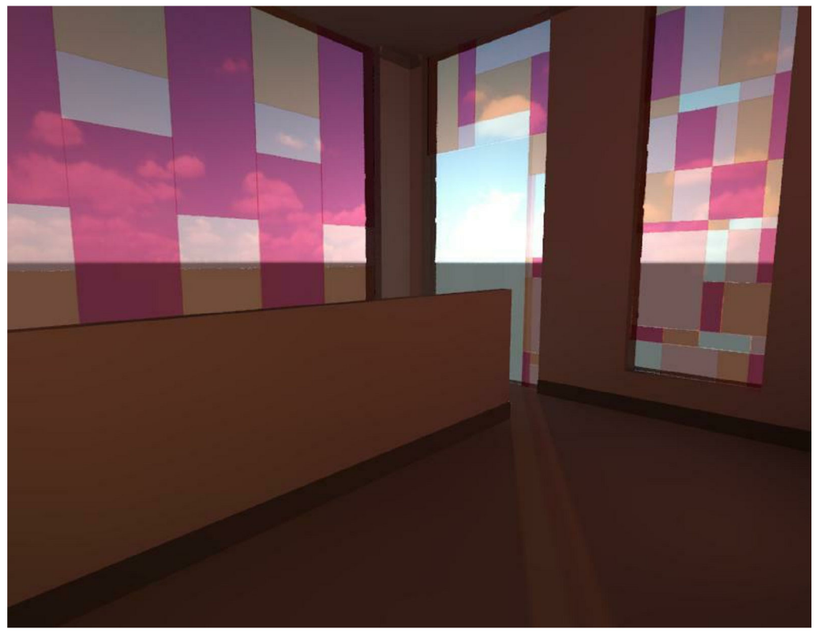
A-02

Scale	As indicated

2/26/2020 3:08:16 PM

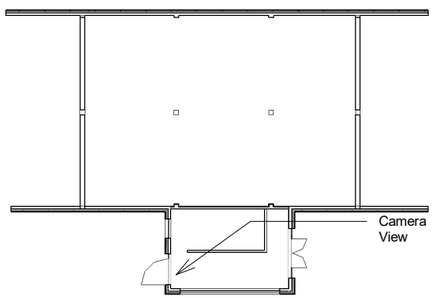
1 Kitchen_SW_Winter_Solstice_9AM
12" = 1'-0"

2 Kitchen_SW_Winter_Solstice_12PM
12" = 1'-0"



3 Kitchen_SW_Winter_Solstice_5PM
12" = 1'-0"

Sunlight somewhat affects the building during the winter solstice. The solar window is at its lowest point during this time, mainly due to the earth's angle away from the sun. At the time of the winter solstice, the building's location receives the least amount of sunlight due to the northern hemisphere being turned away from the sun. In return, sunlight enters the space, but not as harshly. The only time sunlight becomes a slight problem is around noon. Because of this, I feel that the automatic roller shades with senors would help during this peak time. The shades could counteract the harsh daylight at noon, and then retract after the sun has lowered in intensity.



4 Key Plan - A03
1/32" = 1'-0"

No.	Description	Date

Revit Persp. Proofs
Winter Solstice

Project number	IDES 221-2
Date	11/19/19
Drawn by	Jacquie Baker
Checked by	Instructor Potts

A-03

Scale	As indicated

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Ceiling Clouds over the kitchen space are 10' A.F.F. and are ACT in order to aid in acoustics.

Half wall allows for an open concept environment where all patrons and employees can see what is cooking in the kitchen.

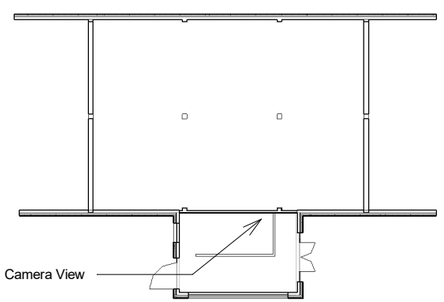
LVT Flooring is placed within the kitchen for easy cleanup.

Ceiling Clouds above reception desks are 12' A.F.F.

Reception Desks are located at the entrance in order to greet customers & guide patrons throughout the space

Carpeting is placed around and within the recpetion space in order to give visitors a comfortable space to interact in, while also helping with acoustics.

1 Kitchen_NE_Persp._View
12" = 1'-0"



2 Key Plan - A04
1/32" = 1'-0"

No.	Description	Date

Revit Persp. Proofs
Interior Rendering

Project number	IDES 221-2
Date	11/19/19
Drawn by	Jacquie Baker
Checked by	Instructor Potts

A-04

Scale	As indicated

2/26/2020 3:08:21 PM