

# Flex Permits

## Introduction

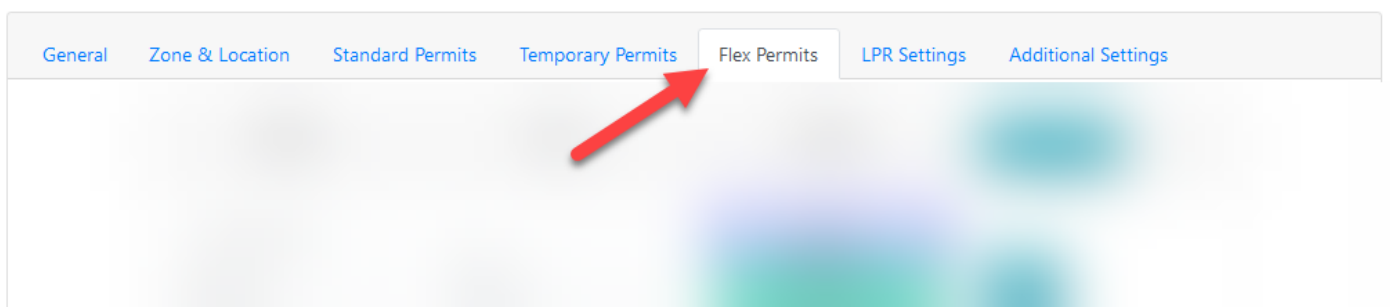
Flex permits allow clients to specify variable prices for a lot, with the possibility of a different price for every hour. This allows more options for the customization of permit prices, useful for situations like making permits more expensive during peak hours.

Flex permits are counted as type of temp permit, as an addition to the existing daily and hourly permits. They function most similarly to hourly permits and their uses have some overlap.

It is intended for a site to choose between hourly permits and flex permits and not use both, although clients are not restricted from using both at the same time if they choose to.

## Flex Permits Tab

Flex permits and related sections can be accessed on the lot edit page, from the new flex permits tab.



The page consists of three sections:

- An options section
- A time slot section, used for defining prices
- An hourly grid, used to assign prices to hours in the week

# Options

A list of options related to flex permits.

[General](#) [Zone & Location](#) [Standard Permits](#) [Temporary Permits](#) [Flex Permits](#) [LPR Settings](#) [Additional Settings](#)

Flex Permits

✓ Enable Flex Permits

There is only one option for flex permits.

- **Enable flex permits** - this will enable the use of flex permits for this lot.
  - If not enabled, users will not have the option to selected flex permits for this lot, even if the hourly grid is filled out.

## Time Slots

Flex permits are controlled by a grid of customizable timeslots, which are configured for each lot from the lot edit page.

The time slot section is located below the options section.

Name	Price	Colour	
-- Clear Value --	---	Select	
Morning	\$3.00	Select	Edit
Day	\$5.50	Select	Edit
Evening	\$4.00	Select	Edit
Weekend	\$6.50	Select	Edit
Noon	\$8.00	Select	Edit
Night	\$12.00	Select	Edit

Time slots created by the admin are located here.

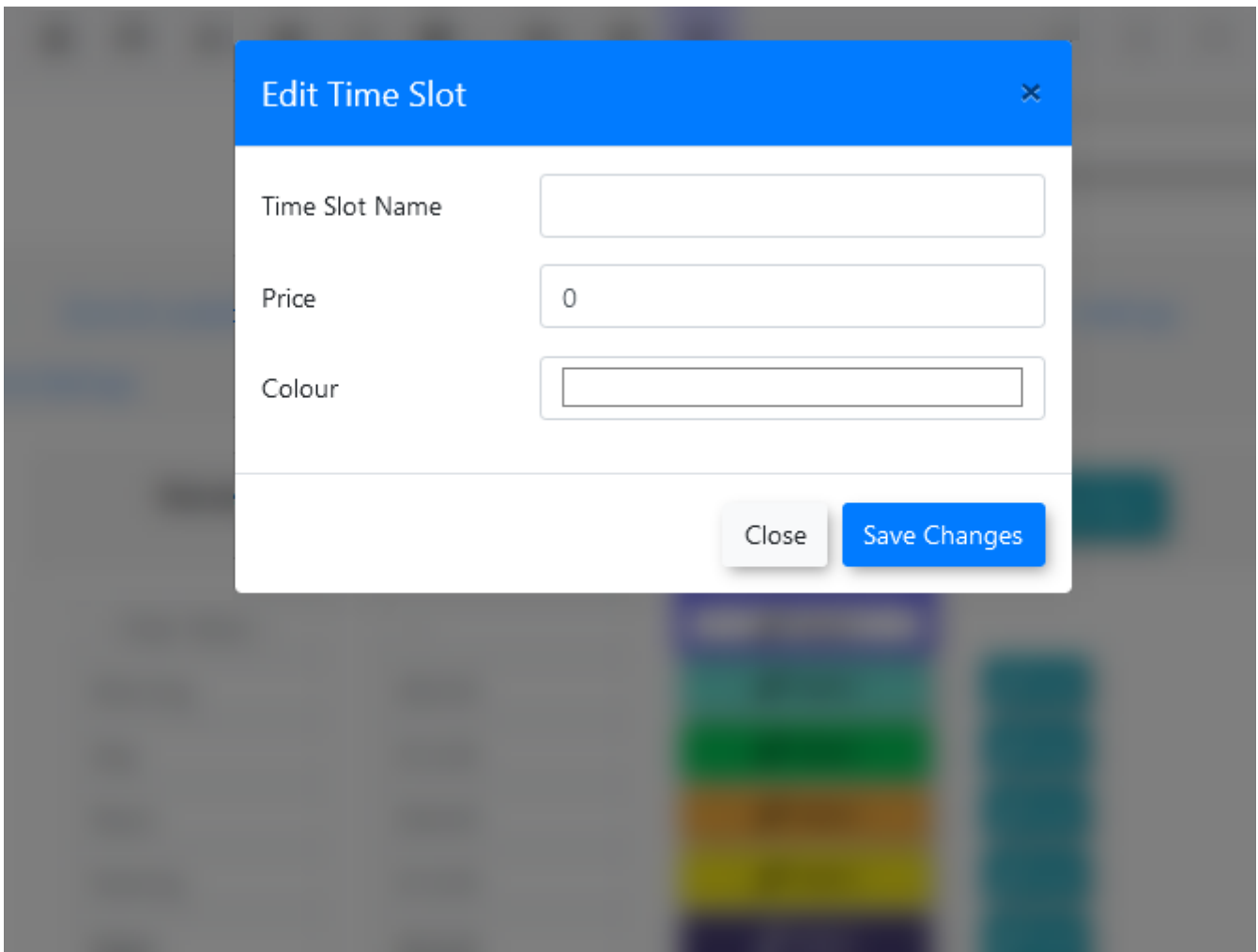
- **Name** - a user-friendly name to identify what the slot should be used for
- **Price** - the price of booking a permit for the selected hour

- **Colour** - the colour that the time cells in the week grid will be marked with when they are assigned this price

## Time-slot Creation

Click the add new button to bring up the add time slot modal.

Fill in the required fields and press save changes to save the new time slot.

A screenshot of a web application showing a modal window titled "Edit Time Slot" with a blue header and a close button (X) in the top right corner. The modal has a white background and contains three input fields: "Time Slot Name" (empty), "Price" (containing the number "0"), and "Colour" (empty). At the bottom right of the modal are two buttons: a light gray "Close" button and a blue "Save Changes" button. The background of the page is blurred, showing a grid of colored rectangles in shades of blue, green, yellow, and orange.

The time slot selection menu will reload and the saved item will appear.

The modal will also be brought up when editing the details of an existing time slot.

Once a time slot has been created, there is no way to delete it .

# Hourly Cell Grid

Below the time slot section, the hourly cell grid can be found. This is a representation of each hour within the week.

Clear

Fill

Reload

MON	TUE	WED	THU	FRI	SAT	SUN
12:00 am	12:00 am	12:00 am	12:00 am	12:00 am	12:00 am	12:00 am
01:00 am	01:00 am	01:00 am	01:00 am	01:00 am	01:00 am	01:00 am
02:00 am	02:00 am	02:00 am	02:00 am	02:00 am	02:00 am	02:00 am
03:00 am	03:00 am	03:00 am	03:00 am	03:00 am	03:00 am	03:00 am
04:00 am	04:00 am	04:00 am	04:00 am	04:00 am	04:00 am	04:00 am
05:00 am	05:00 am	05:00 am	05:00 am	05:00 am	05:00 am	05:00 am
06:00 am	06:00 am	06:00 am	06:00 am	06:00 am	06:00 am	06:00 am
07:00 am	07:00 am	07:00 am	07:00 am	07:00 am	07:00 am	07:00 am
08:00 am	08:00 am	08:00 am	08:00 am	08:00 am	08:00 am	08:00 am
09:00 am	09:00 am	09:00 am	09:00 am	09:00 am	09:00 am	09:00 am
10:00 am	10:00 am	10:00 am	10:00 am	10:00 am	10:00 am	10:00 am
11:00 am	11:00 am	11:00 am	11:00 am	11:00 am	11:00 am	11:00 am
12:00 pm	12:00 pm	12:00 pm	12:00 pm	12:00 pm	12:00 pm	12:00 pm
01:00 pm	01:00 pm	01:00 pm	01:00 pm	01:00 pm	01:00 pm	01:00 pm
02:00 pm	02:00 pm	02:00 pm	02:00 pm	02:00 pm	02:00 pm	02:00 pm
03:00 pm	03:00 pm	03:00 pm	03:00 pm	03:00 pm	03:00 pm	03:00 pm
04:00 pm	04:00 pm	04:00 pm	04:00 pm	04:00 pm	04:00 pm	04:00 pm
05:00 pm	05:00 pm	05:00 pm	05:00 pm	05:00 pm	05:00 pm	05:00 pm
06:00 pm	06:00 pm	06:00 pm	06:00 pm	06:00 pm	06:00 pm	06:00 pm
07:00 pm	07:00 pm	07:00 pm	07:00 pm	07:00 pm	07:00 pm	07:00 pm
08:00 pm	08:00 pm	08:00 pm	08:00 pm	08:00 pm	08:00 pm	08:00 pm
09:00 pm	09:00 pm	09:00 pm	09:00 pm	09:00 pm	09:00 pm	09:00 pm
10:00 pm	10:00 pm	10:00 pm	10:00 pm	10:00 pm	10:00 pm	10:00 pm
11:00 pm	11:00 pm	11:00 pm	11:00 pm	11:00 pm	11:00 pm	11:00 pm

Update Lot

Here, each hour time slot within a week can be assigned a specific cost. When a user books a permit for a number of hours, the final price will be calculated using the prices associated to each hour selected within the booking.

Above the cell grid, several buttons can be found.

- **Clear** - will clear the grid of all filled cells
- **Fill** - will fill in the grid with the selected colour
- **Reload** - will reload the grid data stored within the database, erasing any changes that were made

# Hourly Price Assignment

To fill in the cell grid, first select one of the prices to assign to cells on the grid.

This can be done by clicking on the one of the selectable colours.

Name	Price	Colour	
			<div>+ Add New</div>
-- Clear Value --	---	<div>Select</div>	
Morning	\$3.00	<div>Select</div>	<div>Edit</div>
Day	\$5.50	<div>Select</div>	<div>Edit</div>
Evening	\$4.00	<div>Select</div>	<div>Edit</div>
Weekend	\$6.50	<div>Select</div>	<div>Edit</div>
Noon	\$8.00	<div>Select</div>	<div>Edit</div>
Night	\$12.00	<div>Select</div>	<div>Edit</div>

This will change the active colour to the colour selected, as indicated by the blue outline.

Cells on the grid can now be filled in by clicking and dragging the mouse across the cells.

MON	TUE	WED	THU	FRI	SAT	SUN
12:00 am	12:00 am	12:00 am	12:00 am	12:00 am	12:00 am	12:00 am
01:00 am	01:00 am	01:00 am	01:00 am	01:00 am	01:00 am	01:00 am
02:00 am	02:00 am	02:00 am	02:00 am	02:00 am	02:00 am	02:00 am
03:00 am	03:00 am	03:00 am	03:00 am	03:00 am	03:00 am	03:00 am
04:00 am	04:00 am	04:00 am	04:00 am	04:00 am	04:00 am	04:00 am
05:00 am	05:00 am	05:00 am	05:00 am	05:00 am	05:00 am	05:00 am
06:00 am	06:00 am	06:00 am	06:00 am	06:00 am	06:00 am	06:00 am
07:00 am	07:00 am	07:00 am	07:00 am	07:00 am	07:00 am	07:00 am
08:00 am	08:00 am	08:00 am	08:00 am	08:00 am	08:00 am	08:00 am
09:00 am	09:00 am	09:00 am	09:00 am	09:00 am	09:00 am	09:00 am
10:00 am	10:00 am	10:00 am	10:00 am	10:00 am	10:00 am	10:00 am
11:00 am	11:00 am	11:00 am	11:00 am	11:00 am	11:00 am	11:00 am
12:00 pm	12:00 pm	12:00 pm	12:00 pm	12:00 pm	12:00 pm	12:00 pm
01:00 pm	01:00 pm	01:00 pm	01:00 pm	01:00 pm	01:00 pm	01:00 pm
02:00 pm	02:00 pm	02:00 pm	02:00 pm	02:00 pm	02:00 pm	02:00 pm
03:00 pm	03:00 pm	03:00 pm	03:00 pm	03:00 pm	03:00 pm	03:00 pm
04:00 pm	04:00 pm	04:00 pm	04:00 pm	04:00 pm	04:00 pm	04:00 pm
05:00 pm	05:00 pm	05:00 pm	05:00 pm	05:00 pm	05:00 pm	05:00 pm
06:00 pm	06:00 pm	06:00 pm	06:00 pm	06:00 pm	06:00 pm	06:00 pm
07:00 pm	07:00 pm	07:00 pm	07:00 pm	07:00 pm	07:00 pm	07:00 pm
08:00 pm	08:00 pm	08:00 pm	08:00 pm	08:00 pm	08:00 pm	08:00 pm
09:00 pm	09:00 pm	09:00 pm	09:00 pm	09:00 pm	09:00 pm	09:00 pm
10:00 pm	10:00 pm	10:00 pm	10:00 pm	10:00 pm	10:00 pm	10:00 pm
11:00 pm	11:00 pm	11:00 pm	11:00 pm	11:00 pm	11:00 pm	11:00 pm

The grid can be filled in using any number of time slots.

Note that any sections left blank (using the default option) will be set to free.

MON	TUE	WED	THU	FRI	SAT	SUN
12:00 am	12:00 am	12:00 am	12:00 am	12:00 am	12:00 am	12:00 am
01:00 am	01:00 am	01:00 am	01:00 am	01:00 am	01:00 am	01:00 am
02:00 am	02:00 am	02:00 am	02:00 am	02:00 am	02:00 am	02:00 am
03:00 am	03:00 am	03:00 am	03:00 am	03:00 am	03:00 am	03:00 am
04:00 am	04:00 am	04:00 am	04:00 am	04:00 am	04:00 am	04:00 am
05:00 am	05:00 am	05:00 am	05:00 am	05:00 am	05:00 am	05:00 am
06:00 am	06:00 am	06:00 am	06:00 am	06:00 am	06:00 am	06:00 am
07:00 am	07:00 am	07:00 am	07:00 am	07:00 am	07:00 am	07:00 am
08:00 am	08:00 am	08:00 am	08:00 am	08:00 am	08:00 am	08:00 am
09:00 am	09:00 am	09:00 am	09:00 am	09:00 am	09:00 am	09:00 am
10:00 am	10:00 am	10:00 am	10:00 am	10:00 am	10:00 am	10:00 am
11:00 am	11:00 am	11:00 am	11:00 am	11:00 am	11:00 am	11:00 am
12:00 pm	12:00 pm	12:00 pm	12:00 pm	12:00 pm	12:00 pm	12:00 pm
01:00 pm	01:00 pm	01:00 pm	01:00 pm	01:00 pm	01:00 pm	01:00 pm
02:00 pm	02:00 pm	02:00 pm	02:00 pm	02:00 pm	02:00 pm	02:00 pm
03:00 pm	03:00 pm	03:00 pm	03:00 pm	03:00 pm	03:00 pm	03:00 pm
04:00 pm	04:00 pm	04:00 pm	04:00 pm	04:00 pm	04:00 pm	04:00 pm
05:00 pm	05:00 pm	05:00 pm	05:00 pm	05:00 pm	05:00 pm	05:00 pm
06:00 pm	06:00 pm	06:00 pm	06:00 pm	06:00 pm	06:00 pm	06:00 pm
07:00 pm	07:00 pm	07:00 pm	07:00 pm	07:00 pm	07:00 pm	07:00 pm
08:00 pm	08:00 pm	08:00 pm	08:00 pm	08:00 pm	08:00 pm	08:00 pm
09:00 pm	09:00 pm	09:00 pm	09:00 pm	09:00 pm	09:00 pm	09:00 pm
10:00 pm	10:00 pm	10:00 pm	10:00 pm	10:00 pm	10:00 pm	10:00 pm
11:00 pm	11:00 pm	11:00 pm	11:00 pm	11:00 pm	11:00 pm	11:00 pm


Cell price layouts will only be saved upon clicking the update lot button.

## User-Side Permits

Once the flex permits have been filled in, they will begin to appear for sale on the user side.

On lots where flex permits are enabled, the permits page will show a preview of flex permits as a price range.

**Test Lot 1**

 Temporary Permit

Hourly


2 : \$2.00

4 : \$4.00

6 : \$6.00

**Flex** \$3.00 - \$12.00

Daily \$10.00



Flex permit options will now be available as a separate option to the page.

**Personal Information**

Mr. John Doe (johndoe)  
support@ops-com.com  
92 Bridge St. Suite 101  
Carleton Place, Ontario  
K7C2V3

**Test Lot 1**

Permit Type

Daily

Hourly

**Flex**

Start Date


End Date

Vehicle

Select an Option

Use 'Guest vehicle' only if you have no vehicle details.

Please fill in all details to purchase a Temporary Permit.



Selecting the flex option will show the input requirements to book a permit.

**Test Lot 1**

Permit Type

Daily

Hourly

Flex

Date

Start Time

Duration

1 Hour

Vehicle

Select an Option

Use 'Guest vehicle' only if you have no vehicle details.

Flex permit inputs:

- **Date** - the day the permit is being booked for.
- **Start Time** - The time the booking will start at.
  - Flex permits are limited to booking on the hour. They do not currently support proration, meaning if a user arrives during the middle of an hour, they must pay for the entire price of the hour.
- **Duration** - the number of hours to book the permit for.
  - A permit can be booked for a limit of 12 hours. If the booking would go beyond the bounds of the day, the user will be required to pick a shorter duration.
- **Vehicle** - like normal for temp permits, the user can either select a vehicle on their account or enter a new plate as a guest vehicle.

Selecting an option in the date input will cause the prices for that day of the week to appear in a box to the left side of the page.

- If the user selects one of the other options after selecting flex, the flex prices box should disappear again.
- Selecting flex again should make it reappear.

Personal Information

Mr. John Doe (johndoe)  
support@ops-com.com  
92 Bridge St. Suite 101  
Carleton Place, Ontario  
K7C2V3

Flex Prices - Friday	
12:00 am	Free
01:00 am	Free
02:00 am	Free
03:00 am	Free
04:00 am	Free
05:00 am	\$3.00
06:00 am	\$3.00
07:00 am	\$3.00
08:00 am	\$3.00
09:00 am	\$5.50
10:00 am	\$5.50
11:00 am	\$5.50
12:00 pm	\$8.00
01:00 pm	\$4.00
02:00 pm	\$4.00
03:00 pm	\$4.00
04:00 pm	\$4.00
05:00 pm	\$4.00
06:00 pm	\$12.00
07:00 pm	\$12.00
08:00 pm	\$12.00
09:00 pm	\$12.00
10:00 pm	Free
11:00 pm	Free

Test Lot 1

Permit Type

Daily

Hourly

Flex

Date

August 09, 2024

Start Time

7:00 PM

Duration

2 Hours

Vehicle

Select an Option

Use 'Guest vehicle' only if you have no vehicle details.

Please fill in all details to purchase a Temporary Permit.



Selecting a different day will cause the flex prices box to reload with the new day's prices.

Personal Information

Mr. John Doe (johndoe)  
support@ops-com.com  
92 Bridge St. Suite 101  
Carleton Place, Ontario  
K7C2V3

Flex Prices - Friday

12:00 am	Free
01:00 am	Free
02:00 am	Free
03:00 am	Free
04:00 am	Free
05:00 am	\$3.00
06:00 am	\$3.00
07:00 am	\$3.00
08:00 am	\$3.00
09:00 am	\$5.50
10:00 am	\$5.50
11:00 am	\$5.50
12:00 pm	\$8.00
01:00 pm	\$4.00
02:00 pm	\$4.00
03:00 pm	\$4.00
04:00 pm	\$4.00
05:00 pm	\$4.00
06:00 pm	\$12.00
07:00 pm	\$12.00
08:00 pm	\$12.00
09:00 pm	\$12.00
10:00 pm	Free
11:00 pm	Free

Test Lot 1

Permit Type

Daily

Hourly

Flex

Date

August 09, 2024

Start Time

7:00 PM

Duration

2 Hours

Vehicle

Select an Option

Use "Guest vehicle" only if you have no vehicle details.

The cost of the permit will be calculated using the prices of each hour in the selected range added together.

Test Lot 1

Permit Type

Daily

Hourly

Flex

Date

August 09, 2024

✓

Start Time

7:00 PM

✓

Duration

2 Hours

✓

▼

Vehicle

Black 2011 Mercedes Benz JTU1613

✓

▼

Use 'Guest vehicle' only if you have no vehicle details.

Date	2024-08-09
Start Time	7:00 PM
End Time	9:00 PM
Subtotal	\$24.00
Taxes 13%	\$3.12
<b>Total Owing</b>	<b>\$27.12</b>









Reserve Permit

or

Cancel

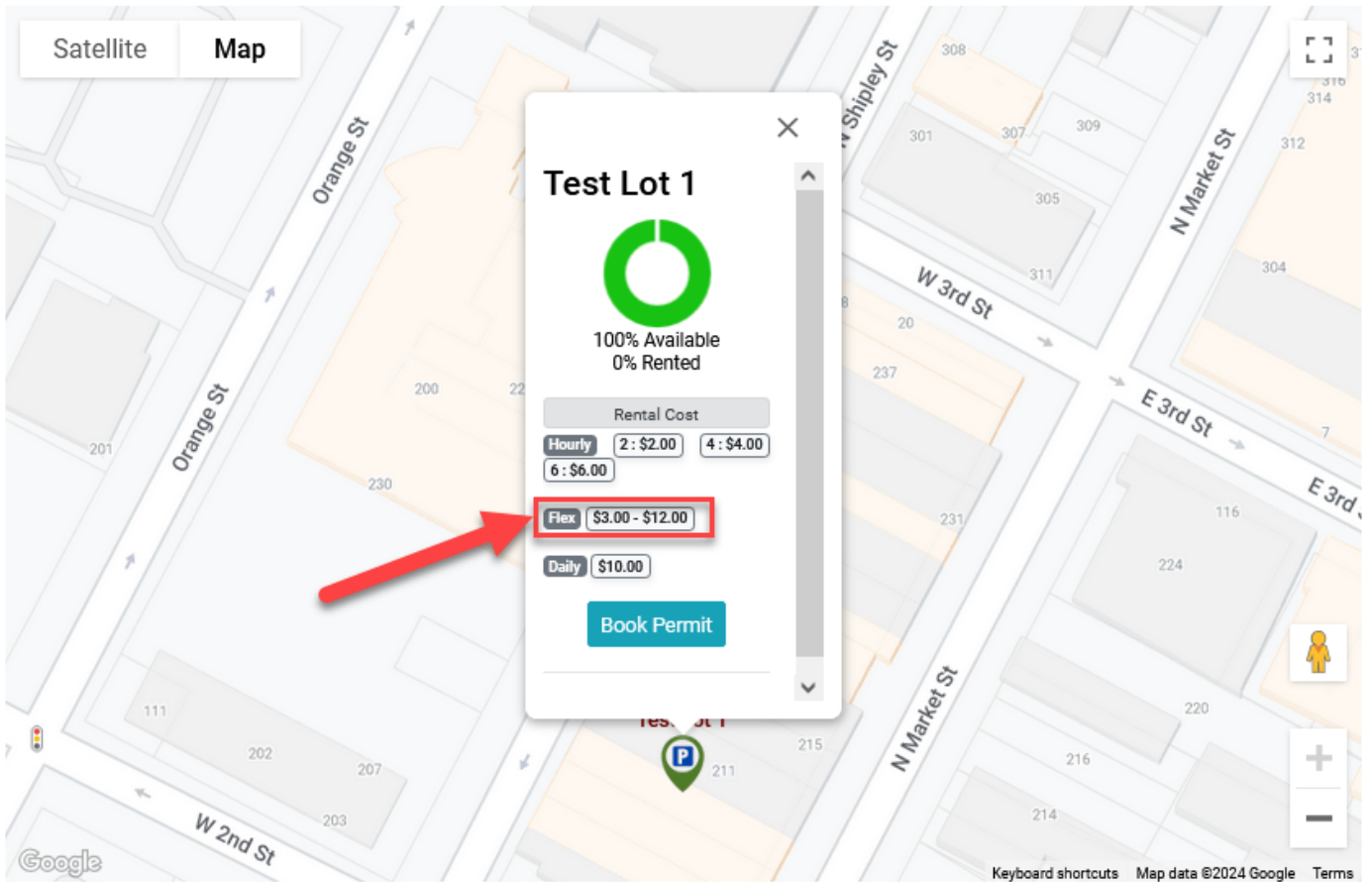
Pressing to reserve the permit, the permit will be added to the user's cart.

# Payments

Temp Permits					
	Start Date	End Date	Permit Number	Amount	
<input checked="" type="checkbox"/>	2024-08-11	2024-08-11	2	\$17.34	
<input checked="" type="checkbox"/>	2024-08-25	6:00 pm - 11:00 pm	3	\$31.68	
<input checked="" type="checkbox"/>	2024-08-08	9:20 am - 11:20 am	4	\$11.00	
<input checked="" type="checkbox"/>	2024-08-08	12:59 pm - 1:59 pm	5	\$5.50	
<input checked="" type="checkbox"/>	2024-08-08	1:55 pm - 2:55 pm	6	\$5.50	
<input checked="" type="checkbox"/>	2024-08-08	2:01 pm - 4:01 pm	7	\$2.00	
<input checked="" type="checkbox"/>	2024-08-08	2:01 pm - 3:01 pm	8	\$5.50	
<input checked="" type="checkbox"/>	2024-08-09	7:00 pm - 9:00 pm	9	\$24.00	
Permits - Total Owing				\$102.52	

## Real-Time Map

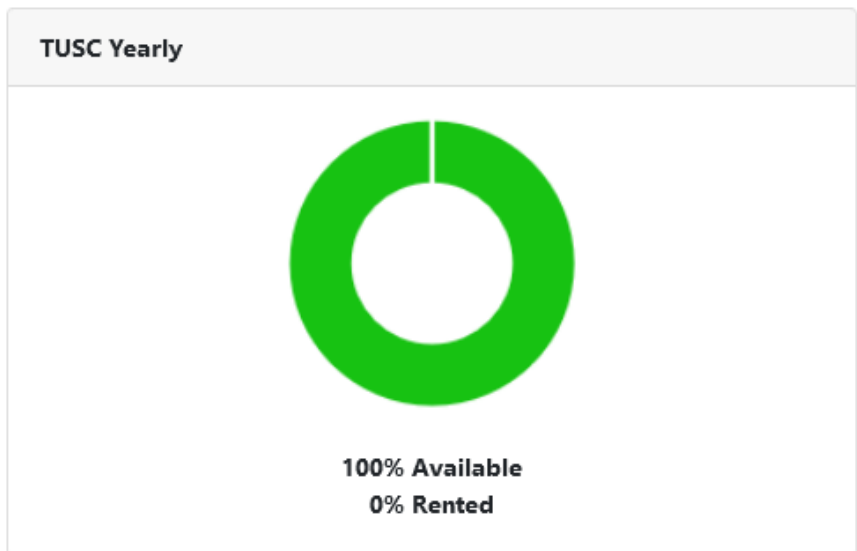
On the real-time map, the flex permits range of cost will be listed under rental costs.



Clicking here to book a permit will take the user to the guest checkout page, the same place as if they had scanned a QR code to access the lot.


If enabled, the user does not need to be logged in to access this page.

In the case where a lot group is used as an icon in place of a single lot, it will also show the range on the lot groups page.



**TUSC Yearly Staff**

East side of the south campus, between the main building and the baseball diamond.  
Access to permit holding staff only.


 **Temporary Permit**

**Hourly** 15min: \$7.00 8: \$6.00 17: \$5.00

**Daily** \$5.00

**TUSC Yearly Executive**

East side of the south campus, between the main building and the baseball diamond.  
Access to permit holding executive staff only.  
Access to lot requires parking sensor.

 **Temporary Permit**

**Hourly** 15min: \$5.00 1: \$6.00 2: \$7.00 9: \$7.00

11: \$77.00

**Flex** \$3.00 - \$6.00 **Daily** \$9.00

## QR Code / Guest Checkout

Similar to the standard temp permit checkout, the flex permit prices for the day will be displayed to the left side of the page.

As guest checkout permits are intended for immediate bookings, the day and time will be limited to the current date.

Flex Prices - Thursday	
12:00 am	Free
01:00 am	Free
02:00 am	Free
03:00 am	Free
04:00 am	Free
05:00 am	\$3.00
06:00 am	\$3.00
07:00 am	\$3.00
08:00 am	\$3.00
09:00 am	\$5.50
10:00 am	\$5.50
11:00 am	\$5.50
12:00 pm	\$8.00
01:00 pm	\$4.00
02:00 pm	\$4.00
03:00 pm	\$4.00
04:00 pm	\$4.00
05:00 pm	\$4.00
06:00 pm	\$12.00
07:00 pm	\$12.00
08:00 pm	\$12.00
09:00 pm	\$12.00
10:00 pm	Free
11:00 pm	Free

Test Lot 1

Permit Type

Daily

Hourly

Flex

Plate

Duration

1 Hour

Please fill in all details to purchase a Temporary Permit.

Upon filling in the information, the permit cost will be calculated and the user will be able to checkout immediately.

Flex Prices - Thursday	
12:00 am	Free
01:00 am	Free
02:00 am	Free
03:00 am	Free
04:00 am	Free
05:00 am	\$3.00
06:00 am	\$3.00
07:00 am	\$3.00
08:00 am	\$3.00
09:00 am	\$5.50
10:00 am	\$5.50
11:00 am	\$5.50
12:00 pm	\$8.00
01:00 pm	\$4.00
02:00 pm	\$4.00
03:00 pm	\$4.00
04:00 pm	\$4.00
05:00 pm	\$4.00
06:00 pm	\$12.00
07:00 pm	\$12.00
08:00 pm	\$12.00
09:00 pm	\$12.00
10:00 pm	Free
11:00 pm	Free

Test Lot 1

Permit Type

Daily

Hourly

Flex

Plate

ABC123

✓

Duration

3 Hours

✓

▼

Select Payment Type

Credit Card

✓

▼

Email

test@email.com

Date

2024-08-08

Start Time

5:12 PM

End Time

8:12 PM

Subtotal

\$28.00

Taxes 13%

\$3.64

Total Owing

\$31.64

Make Payment

Clicking on make payment, the user will be redirected to their selected payment gateway to make a payment.