

# Florida Tech Exterior Waste Bin Install

(Information for initial quote purposes only)

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August 27, 2022

## Overview:

A total of 54 units ( mix of 51 and 102 gallon) and 21 slab pours, only select units will require new slabs. All units will come pre-assembled but will require transport from Shipping & Receiving to the site of installation, please include this in the prepared quote.





## Package Contents:

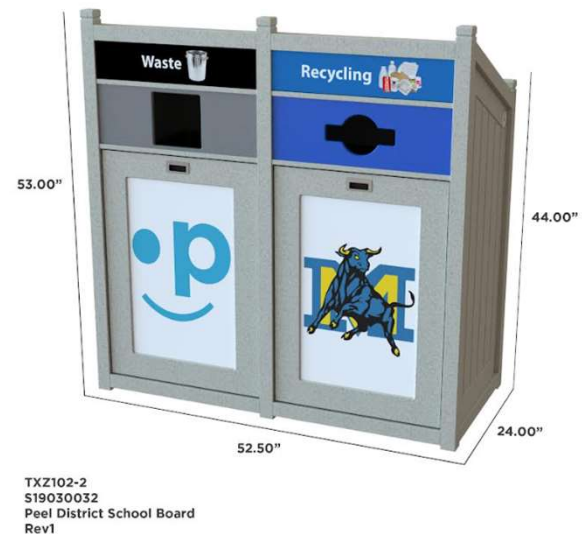
Project Scope

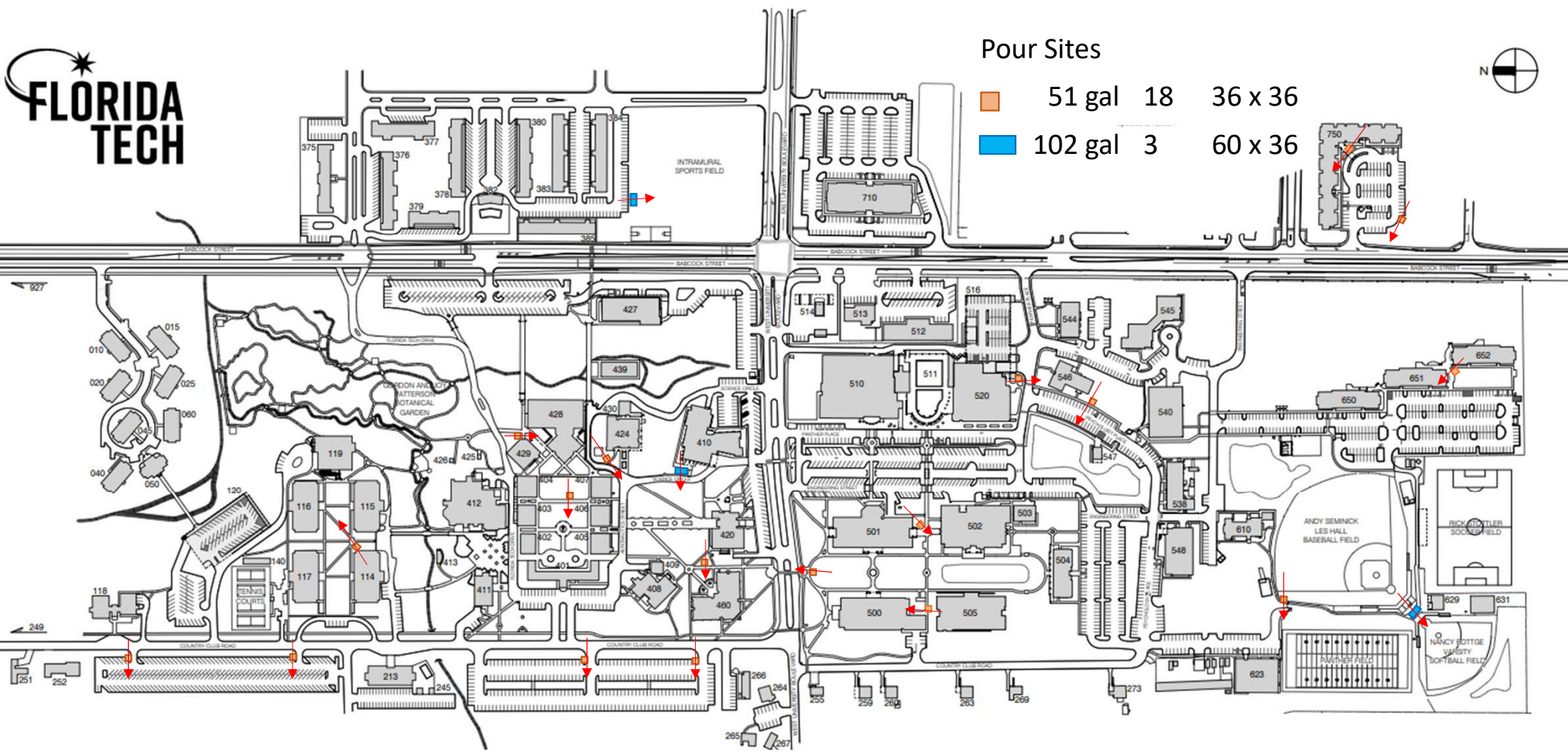
Slab Pour Map

Install Instructions

Unit Install Maps

Model	TXZ51-2	TXZ102-2	Total
Slab Pours (all on campus)	18	3	21 slabs
Slab Dimensions LxWxD	36" x 36" x 4" 	60" x 36" x 4" 	
Total Concrete (ft <sup>3</sup> )	54	15	69 ft <sup>3</sup>
On-Campus Installs (# of units)	38 	10 	48
Off-Campus Installs (# of units)	5 (+1 cigarette bin)	-	6
Off-Campus Locations	Panther Bay, Bisk, MCC, Aviation	-	
Unit Dimensions LxWxH (lb)	27.25" x 24.00" x 53.00" (125)	52.50" x 24.00" x 53.00" (250)	





Pour Sites

- 51 gal 18 36 x 36
- 102 gal 3 60 x 36



Waste Bin Slab Pour Sites

Install >2" from any concrete seam.  
 New slab should touch current concrete on at least 1 side, bin should be installed slightly set back from walkways, toward back edge of concrete facing the direction of the red arrow

Valid as of 7/27/22

## Outdoor Recycling Unit Concrete Anchor Kits

### Step 1: Check Kit Contents

<b>A Brackets</b>  Quantity <b>4</b>	<b>B 1/4" x 1" Hex Lag S/S</b>  Quantity <b>8</b>	<b>C Washers</b>  Quantity <b>16</b>	<b>D Masonry Screws</b> 1/4" x 1-3/4"  Quantity <b>8</b>	<b>E Masonry Drill Bit</b> Bit 3/16"  Quantity <b>1</b>
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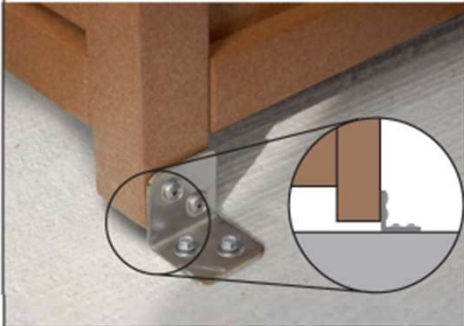
### Step 2: Gather Required Tools

Marker or Pencil 	Hand Drill or Hammer Drill (Recommended) 	5/32" Standard Drill Bit 	Socket Set and/or Wrench Set  5/16" Socket or Wrench Required	Screwdriver #3 	Safety Glasses 
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**3 Place Unit** in desired location on a concrete surface that is as flat and level as possible. (Concrete, Patio Slabs, Fieldstone, Interlocking Brick) Keep holes 2" away from edges of concrete/bricks/slabs to prevent cracking.



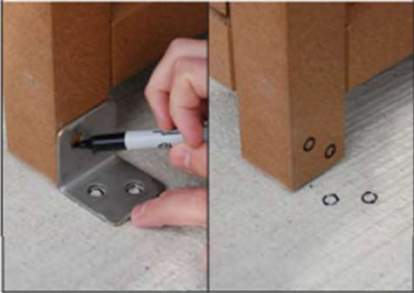
**4 All legs of the unit must be in close contact with the ground.** If any legs are not in contact with the ground, additional brackets must be installed to provide support. Please call (888)646-4246 to order additional brackets.



**5 Place the Four Brackets (A)** at the four outside corners of the recycling bin in either an inside or outside orientation.



**6** Mark All Hole Locations on concrete and legs of unit. Do this for all bracket locations.



**7** Move Unit and Brackets away and use hammer drill with 3/16" masonry bit (E) to pre drill 2.5" deep at center of all marked locations on concrete.



**8** Mount the Four Brackets to the concrete using the masonry screws (D) with washers (C). Do not fully tighten the screws at this time.



**9** Pre Drill the Legs of the Unit in the center of the marks made in step 6. Use a standard 5/32" drill bit (not included).



**10** Place the Unit back in position.



**11** Fasten the Brackets to the legs of the unit using wood screws (B) with washers (C).



**12** Finish Tightening the Masonry Screws into the concrete using 5/16" socket or wrench.



For additional information or to order extra brackets to support any legs not in contact with the ground call (888) 646-4246.

**mi** recycling  
Solutions  
midpoint international inc.

189 Earl Stewart Drive, Unit #1  
Aurora, Ontario Canada L4G 6V5  
Toll Free Tel: 888-646-4246  
Toll Free Fax: 888-547-5411

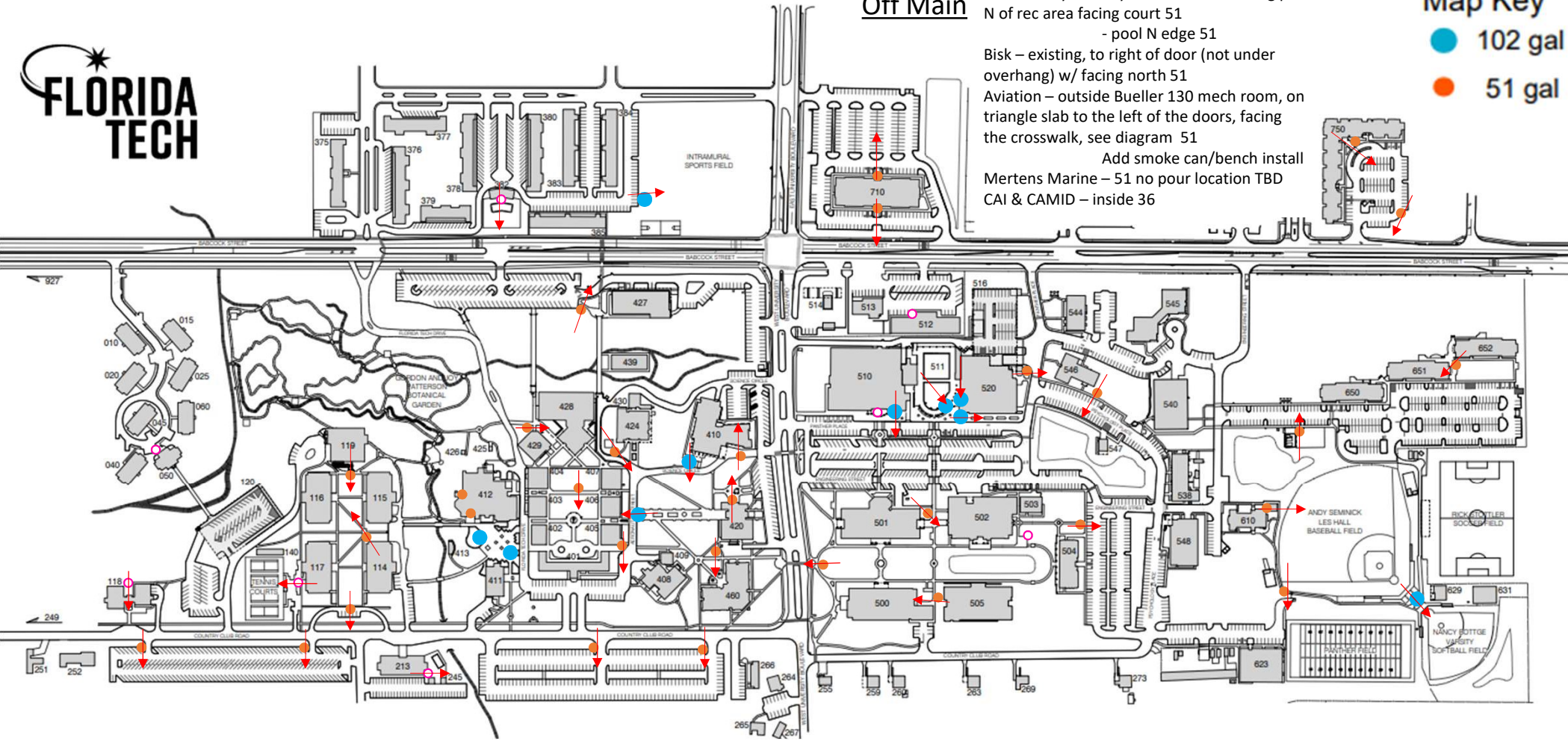


Off Main

- Panther Bay – volley ball court on existing pad N of rec area facing court 51  
- pool N edge 51
- Bisk – existing, to right of door (not under overhang) w/ facing north 51
- Aviation – outside Bueller 130 mech room, on triangle slab to the left of the doors, facing the crosswalk, see diagram 51  
Add smoke can/bench install
- Mertens Marine – 51 no pour location TBD
- CAI & CAMID – inside 36

**Map Key**

- 102 gal
- 51 gal



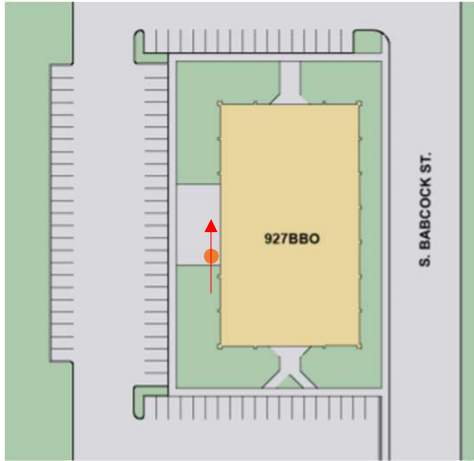
Current Location Proposal - 7/27

Install >2" from any concrete seam.

Bin should be installed slightly set back from walkways, toward back edge of concrete (Pink circles – location is known but the exact orientation is tbd, no slab will be needed)

### Bisk College of Business

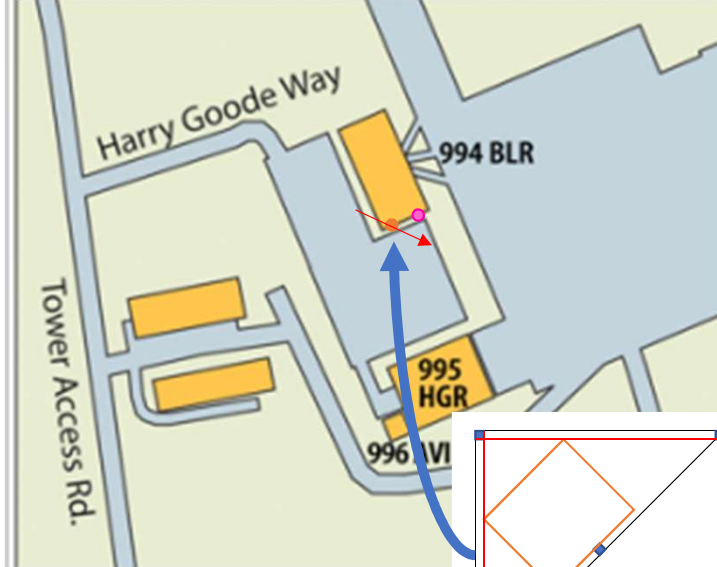
2202 S Babcock St, Melbourne, FL 32901



TXZ51-102

### FIT Aviation - Buehler

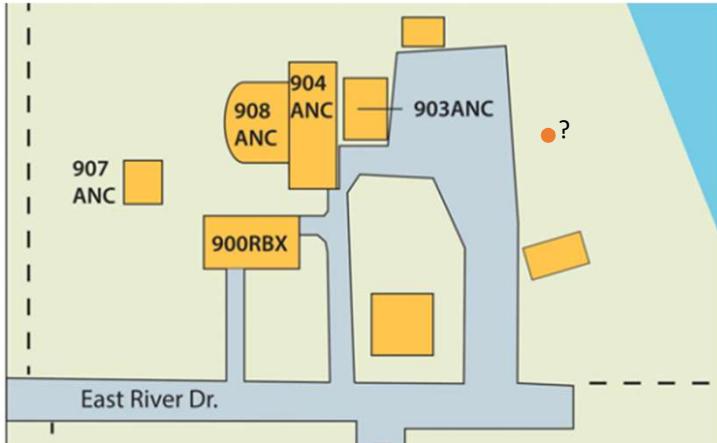
801 Harry Goode Way, Melbourne, FL 32901



TXZ51-102 & cigarette bin

### MMC – location tbd

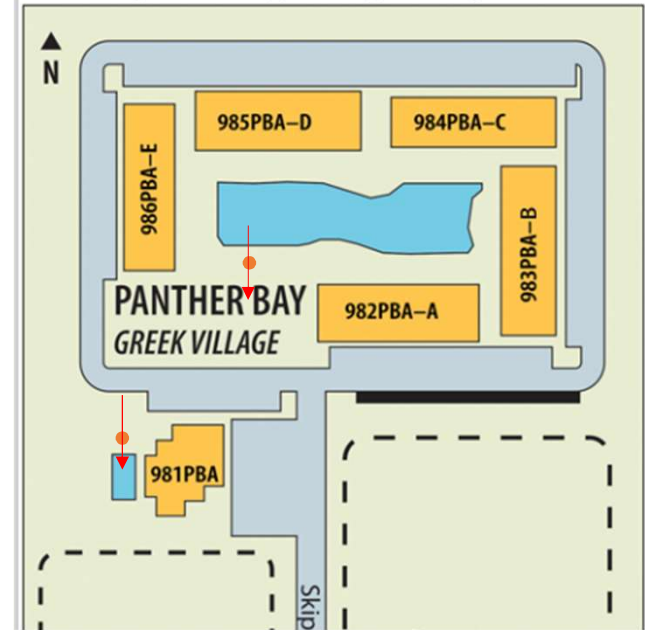
1216 E River Dr, Melbourne, FL 32901



TXZ51-102

### Panther Bay

Panther Bay—1540 Skippers Way, Palm Bay



TXZ51-102 (2 units)

Install >2" from any concrete seam.

Bin should be installed slightly set back from walkways, toward back edge of concrete