



# Sanitation Collection Options Downtown

DECEMBER 10, 2018 CITY OF FORT PIERCE CITY COMMISSION  
CONFERENCE AGENDA



# REVIEW OF CURRENT SITUATION

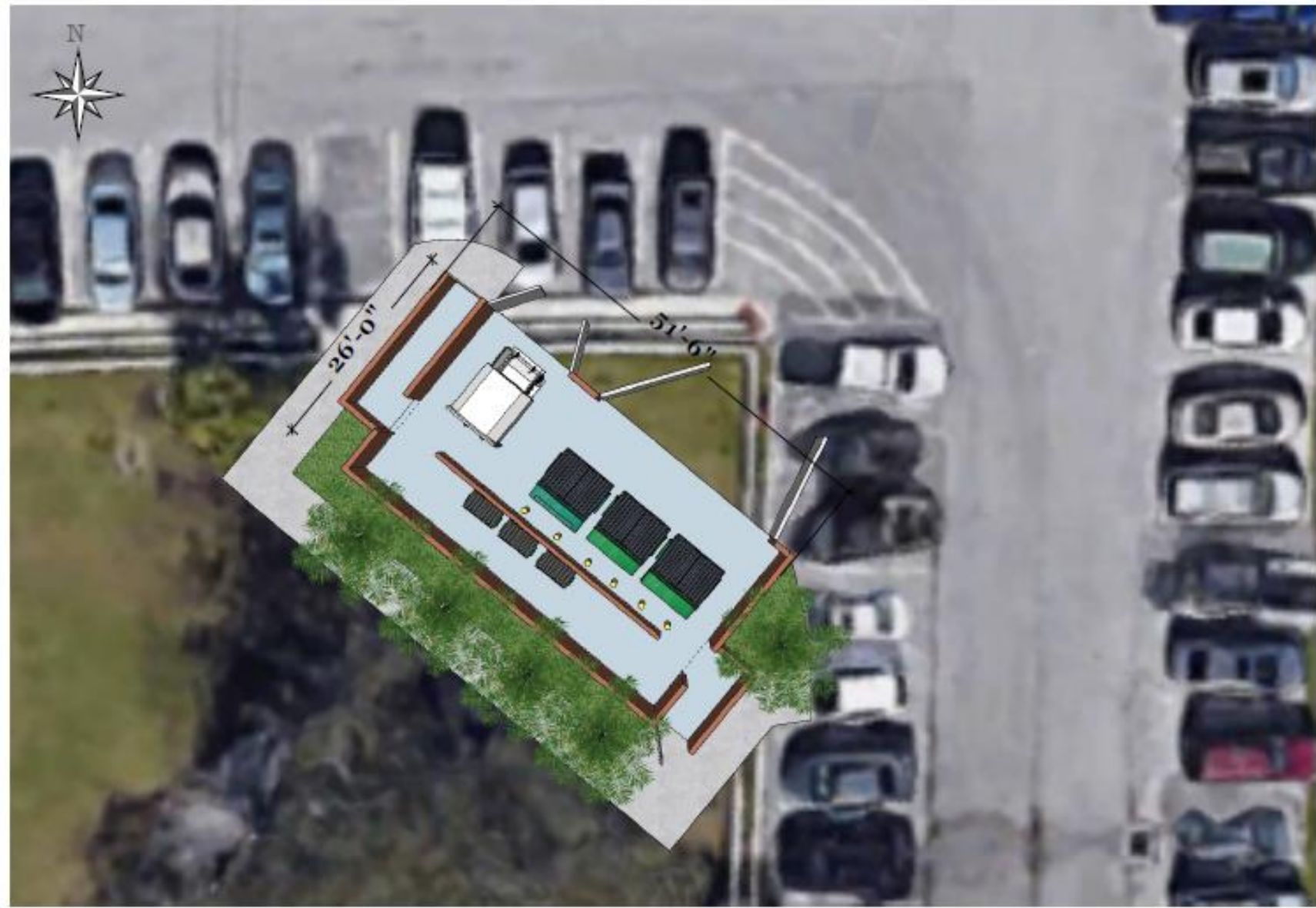
- ▶ The number of businesses and visitors to downtown Fort Pierce continues to grow. This is wonderful, however, with growth comes obstacles that we must overcome. Initially parking was a big issue and now we are faced with sanitation disposal.
- ▶ Throughout downtown, from Depot Drive to Marina Square all of the dumpsters are placed on public property, with most of them occupying a parking space.



# COLLECTION OPTIONS

- ▶ Construct concrete dumpster enclosures to get the containers out of sight and in a secured area. The enclosures will be approximately 9-10 feet tall with gates that are only accessible by solid waste staff and at least one secured access door to be utilized by employees of the various businesses downtown to dispose of their waste.
- ▶ Implement underground refuse collection. Underground Refuse Systems, Inc. has brought this method of collection to the United States, with the City of Kissimmee being the first municipality to utilize this technology.

# MARINA SQUARE



NO.	REVISION	DATE
1		
2		
3		
4		
5		

PROJECT NUMBER: 22-000-0000

**FORT PIERCE**  
FLORIDA  
CITY

Preliminary Design

Dumpster Enclosure  
Marina Parking Area

A 01

# NORTH END OF JCP PARKING LOT



A		01	
<b>Dumpster Enclosure # 2</b> <b>JC Penney Parking</b>			
 <b>FORT PIERCE</b> <small>FLORIDA</small>		Preliminary Design	
8/16/2016			
NO. DATE	BY	DESCRIPTION	
1			
2			
3			
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6			

# SOUTH END OF JCP PARKING LOT



REVISIONS	
NO.	DESCRIPTION

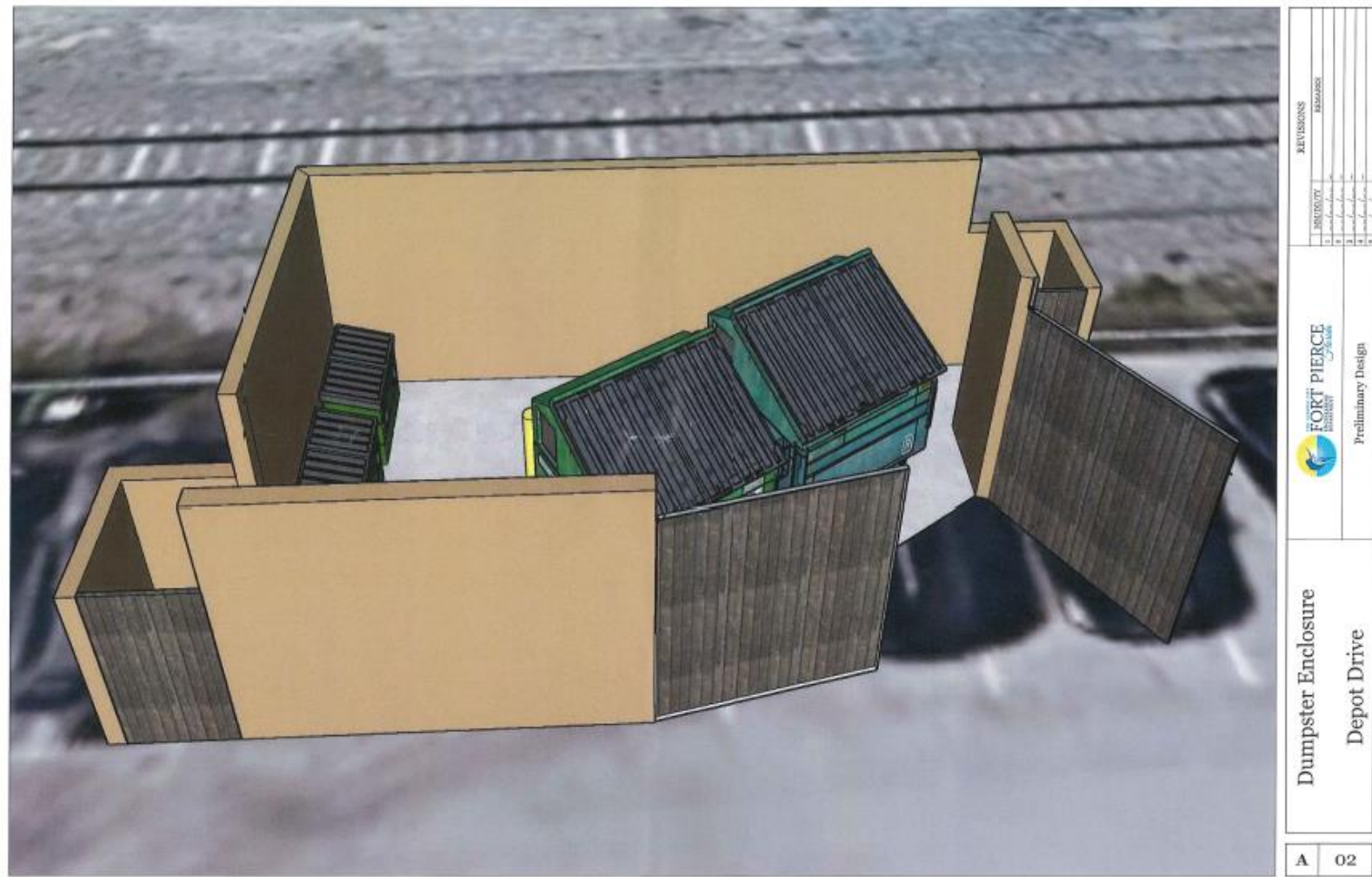
**FORT PIERCE**  
FLORIDA  
 Professional Design

**Dumpster Enclosure  
 JC Penney Parking**

**A 01**



# DEPOT DRIVE 3D RENDERING



# PROS AND CONS OF ENCLOSURES

## PRO

- ▶ Attractive
- ▶ Secure
- ▶ Affordable
- ▶ Can house waste oil containers
- ▶ Can be beautified with murals and/or landscaping
- ▶ Reduce instances of illegal dumping
- ▶ Reduce odors

## CON

- ▶ Will require reducing the number of available parking spaces
- ▶ Will require staff time to unlock and open the gates to service dumpsters

# Underground Refuse Systems





# PROS AND CONS OF UNDERGROUND COLLECTION

## PRO

- ▶ Attractive
- ▶ Innovative
- ▶ Secure
- ▶ Space saving
- ▶ Eliminates odors
- ▶ Can be placed in sidewalks
- ▶ The truck can service containers from either side
- ▶ Can be beautified with murals and/or wraps
- ▶ Reduce instances of illegal dumping
- ▶ Animal proof

## CON

- ▶ Costly to purchase and implement
- ▶ Would only serve a small segment of the community
- ▶ Single use truck
- ▶ Would still need a location for waste oil containers

# CONCLUSION

## ENCLOSURE

- ▶ Can be accomplished for +/- \$150,000.00
- ▶ Can be implemented in under 90 days
- ▶ Will not require new equipment to service

## UNDERGROUND

- ▶ Anticipated cost of \$800-850,000.00
- ▶ Underground Refuse Systems is willing to finance some or all of the purchase for a term of 5-7 years
- ▶ Implementation in 9-12 months from issuance of Purchase Order



# QUESTIONS

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