

# **Business Impact Estimate**

Proposed ordinance's title/reference:

Ordinance 29-23 (amending 46-23) AN ORDINANCE OF THE CITY OF CAPE CORAL, FLORIDA, AMENDING ORDINANCE 46-23 TO ACCELERATE AND REVISE THE EFFECTIVE DATE OF ORDINANCE 46-23 FROM DECEMBER 1, 2024, TO JUNE 1, 2024, REGARDING IRRIGATION SYSTEMS; AND BY AMENDING THE CITY OF CAPE CORAL, FLORIDA, CODE OF ORDINANCES, CHAPTER 19, "WATER AND SEWER UTILITIES," ARTICLE VII, "WATER MANAGEMENT," BY AMENDING SECTION 19-90.6, "COMPLETION OF INSTALLATION OR SUBSTANTIAL MODIFICATION," SECTION 19-90.8, "ALTERNATIVE COMPLIANCE," AND SECTION 19-94, "PENALTIES," REGARDING IRRIGATION SYSTEMS AND PENALTIES FOR VIOLATIONS; PROVIDING SEVERABILITY AND AN EFFECTIVE DATE.

This Business Impact Estimate is provided in accordance with section 166.041(4), Florida Statutes.

In accordance with the provisions of controlling law, even notwithstanding the fact that an exemption noted above may apply, the City of Cape Coral hereby publishes the following information:

1. Summary of the proposed ordinance (must include a statement of the public purpose, such as serving the public health, safety, morals and welfare):

The proposed ordinance seeks to amend the City of Cape Coral Code of Ordinances, specifically Chapter 19 concerning Water and Sewer Utilities, Article VII focusing on Water Management. The overarching aim of these amendments is to enhance water conservation efforts and promote the efficient use of water resources within the city.

2. An estimate of the direct economic impact of the proposed ordinance on private, for-profit businesses in the City of Cape Coral, if any:

(a) An estimate of direct compliance costs that businesses may reasonably incur.

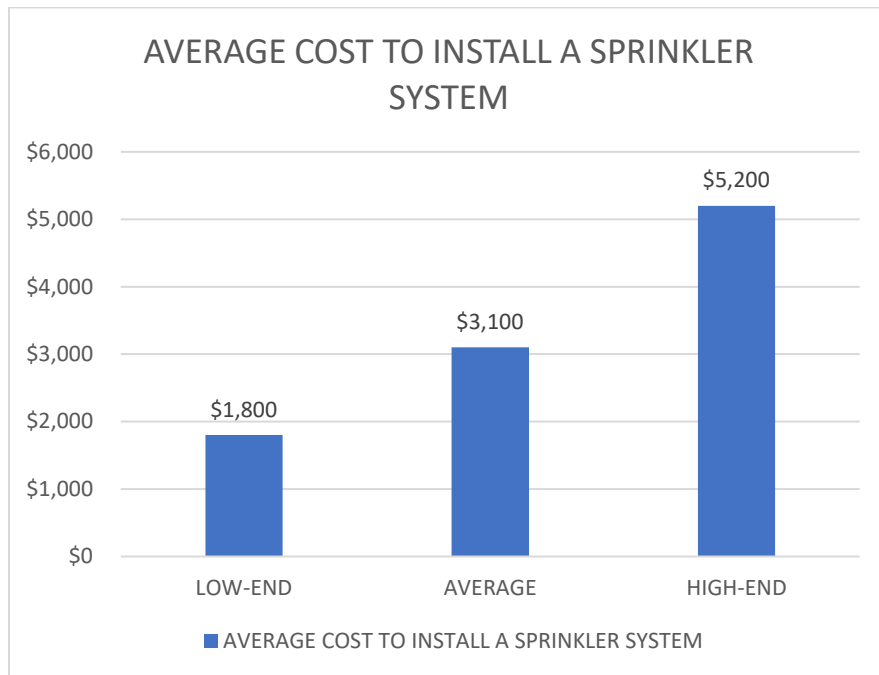
The cost implications of irrigation projects are significantly influenced by the choice between standard or custom-built structures, as well as the selection of materials ranging from high-end to low-end options. Standard installation methods and materials often offer a cost-effective solution with readily available components and simplified installation processes.

(b) Any new charge or fee imposed by the proposed ordinance or for which businesses will be financially responsible, No changes to the fees.

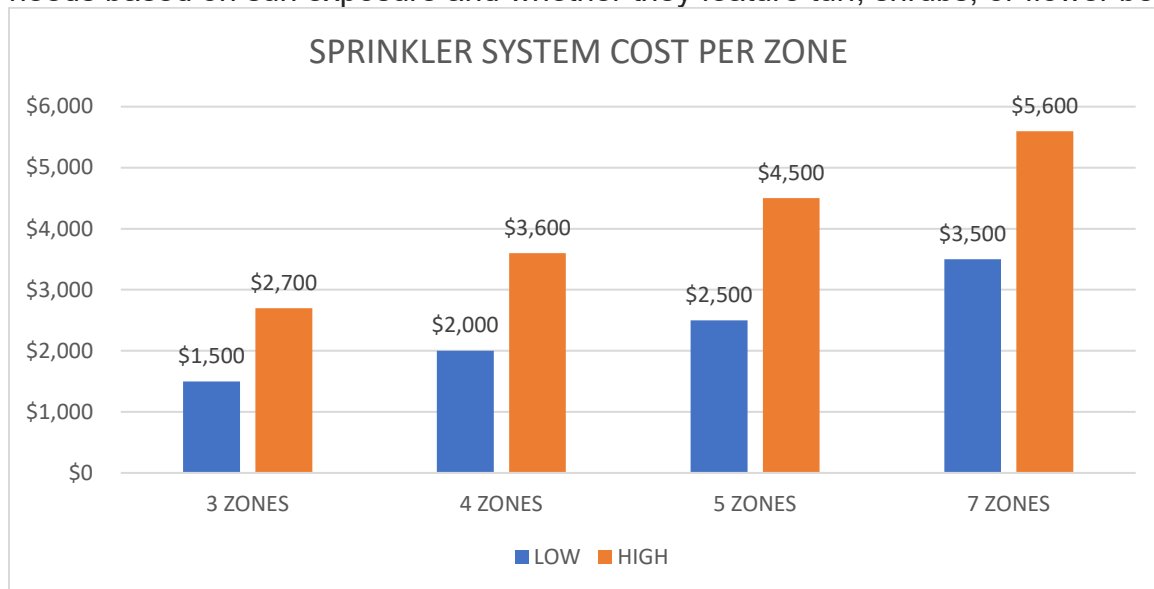
(c) An estimate of the City of Cape Coral's regulatory costs, including estimated revenues from any new charges or fees to cover such costs.

No changes in revenues.

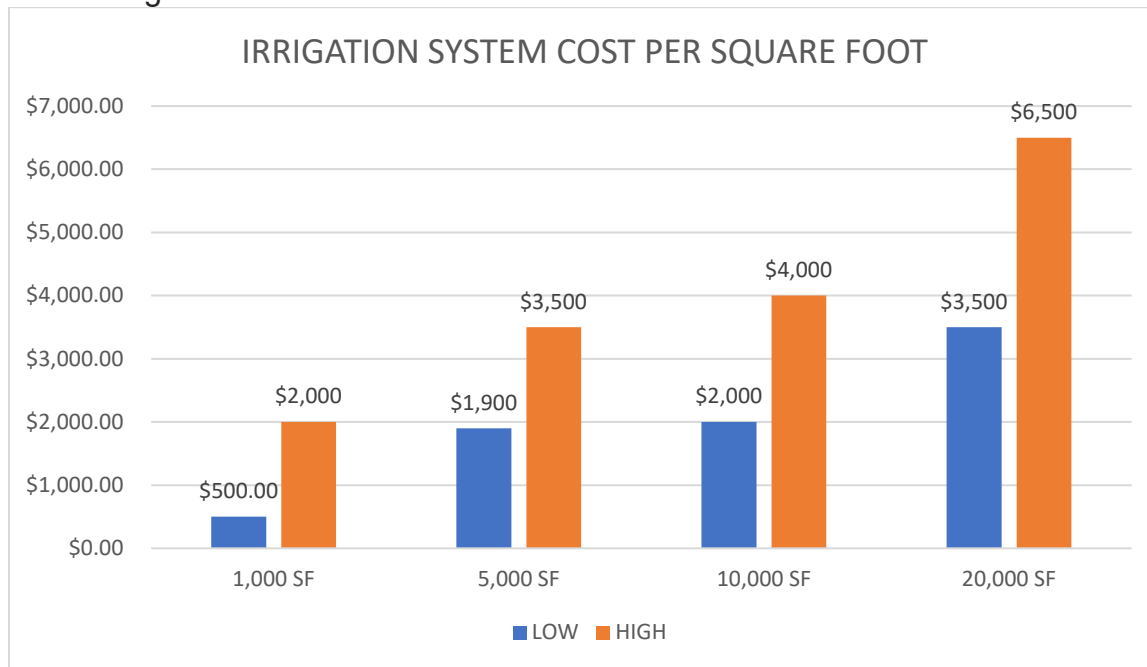
The average cost to install a sprinkler system is **\$1,800 to \$5,200**. New in-ground sprinkler systems cost **\$500 to \$1,000 per zone**. Lawn irrigation systems cost **\$6,000 to \$10,000 per acre** to install.



Sprinkler systems cost **\$500 to \$1,000 per zone** with installation. The average yard requires at least **3 to 5 zones**. Irrigation zones are areas of the yard with different watering needs based on sun exposure and whether they feature turf, shrubs, or flower beds.

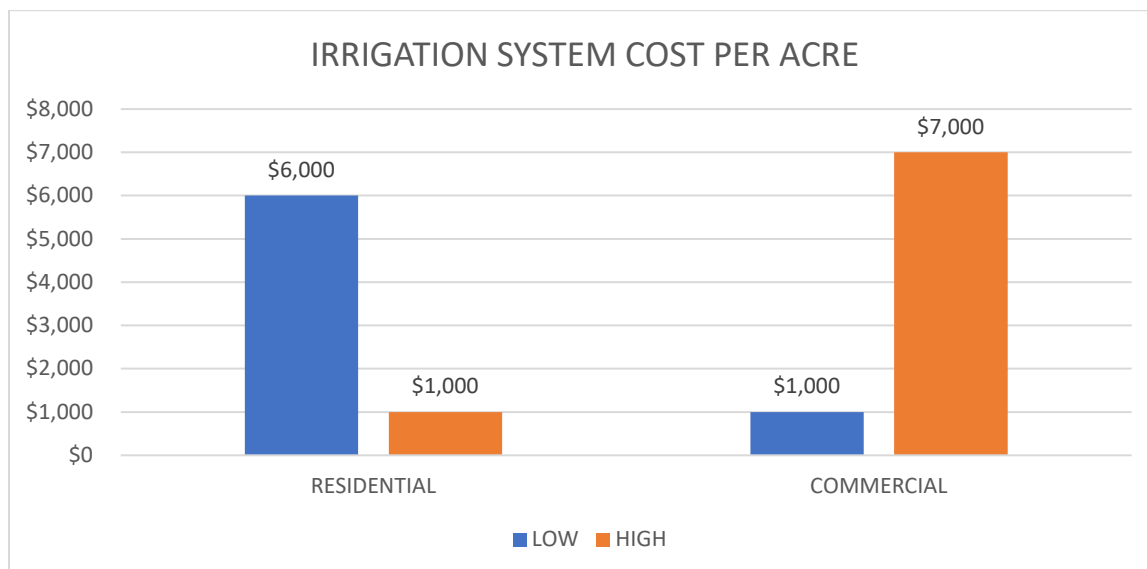


Home sprinkler systems cost **\$0.50 to \$2.00 per square foot** or **\$2,000 to \$4,000** for an average **10,000 square foot** lawn. Prices per square foot decrease as the yard size increases. Yards with multiple zones or complex installations are priced at the higher end of the range.



#### Commercial vs. residential irrigation system prices.

Commercial irrigation systems cost **\$1,000 to \$7,000 per acre** to install and typically include a combination of furrow, drip, and pivot irrigation. Commercial irrigation systems cost less per acre than residential irrigation systems because the price per acre drops for large-acreage projects.



## Cost of irrigation accessories

Irrigation accessories like smart controllers, rain or soil sensors, and irrigation filters improve a sprinkler system's performance and efficiency.

ACCESORY	AVERAGE COST	DESCRIPTION
CONTROLLER	\$30-\$100	Automates individual zones.
SMART CONTROLLER	\$60-\$300	Uses data from sensors.
RAIN SENSOR	\$20-\$90	Detects rainfall.
SOIL MOISTURE SENSOR	\$90-\$140	Detects moisture in the ground.
IRRIGATION FILTER	\$35-\$80	Keeps sprinkler free of contaminants.

3. Good faith estimate of the number of businesses likely to be impacted by the proposed ordinance:

Considering the scale of new construction growth in Cape Coral, it's reasonable to estimate that a considerable number of residential homes and or businesses could be impacted by the proposed irrigation ordinance.

Single Family home permits issued:

FY22 – 5,139

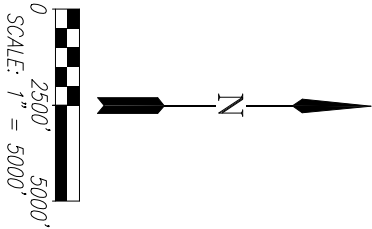
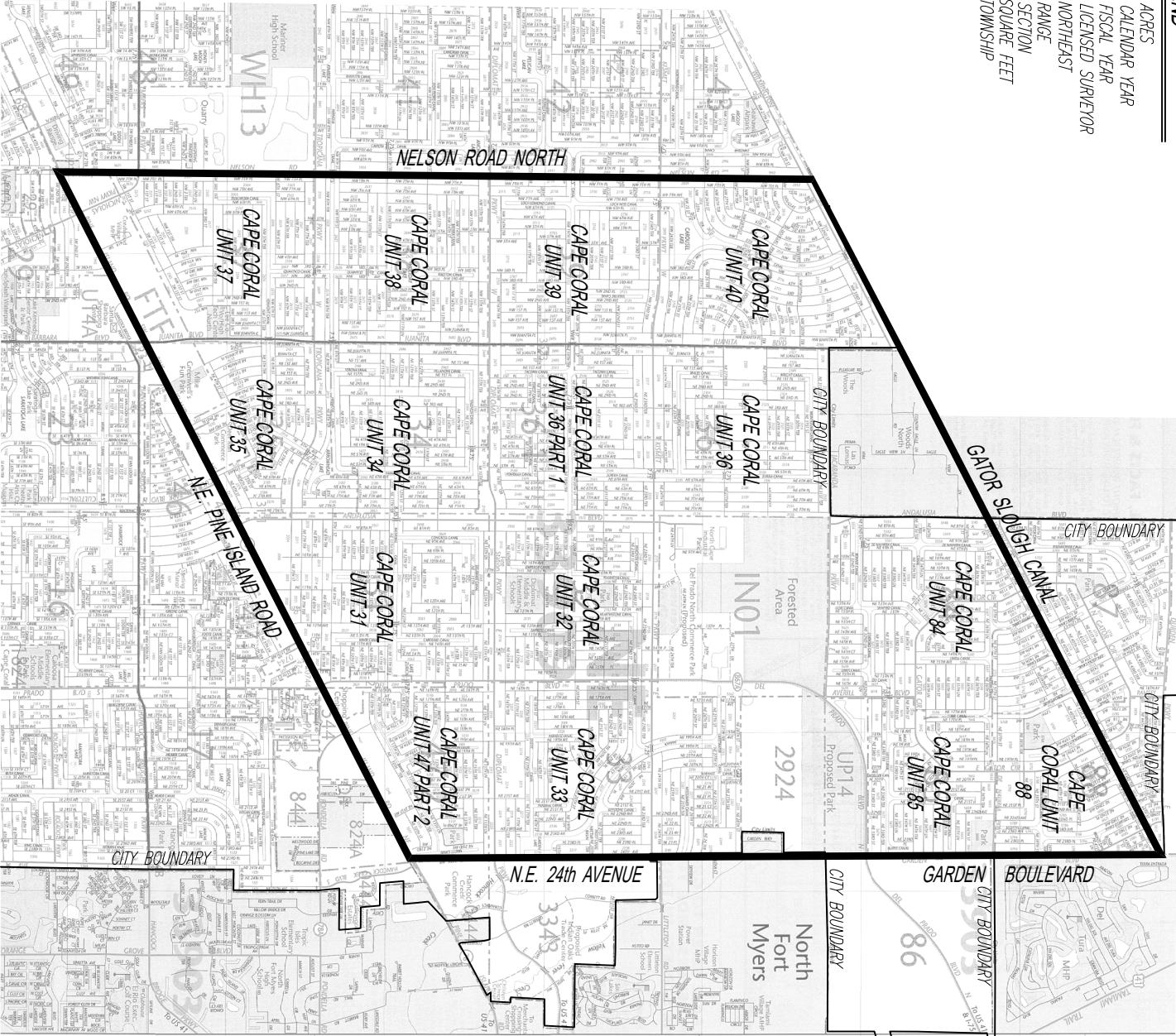
FY23 – 3,586

FY24 – 1,423 /to date/

4. Additional information the governing body deems useful (if any):  
n/a

Data provided by homeguide.com.

LEGEND	
AC.	ACRES
CY	CALENDAR YEAR
FY	FISCAL YEAR
LS	LICENSED SURVEYOR
N.E.	NORTHEAST
RNG.	RANGE
SEC.	SECTION
S.F.	SQUARE FEET
TWP.	TOWNSHIP



# EXHIBIT 1

## DESCRIPTION

LANDS WITHIN THE CITY OF CAPE CORAL, BOUNDED ON THE WEST BY NELSON ROAD NORTH; ON THE NORTH BY GATOR SLOUGH CANAL; ON THE EAST BY GARDEN BOULEVARD AND N.E. 24th AVENUE; AND ON THE SOUTH BY PINE ISLAND ROAD. SAID LANDS INCLUDE ALL OF THE PLATTED CAPE CORAL UNITS 31, 32, 33, 34, 35, 36, 36 PART 1, 37, 38, 39, 40, 47 PART 2, 84, 85, AND 88; DEL PRADO NORTH COMMERCE PARK, AND UN-PLATTED LANDS.

## SURVEYORS NOTES:

- 1) THIS IS AN EXHIBIT. THE PURPOSE OF THIS EXHIBIT IS TO DEPICT THE VISUAL REPRESENTATION OF THE PROPERTIES SHOWN HEREON.
- 2) THIS IS NOT A SURVEY.
- 3) APPROXIMATE TOTAL AREA = 11,643 ACRES +/-

SHEET 1 OF 1

CY - PROJECT NUMBER:  2024-0038	CALCULATED BY:	KC	<div> PUBLIC WORKS DEPARTMENT 815 NICHOLAS PARKWAY EAST, CAPE CORAL, FL. 33990 PHONE:(239) 574-0701</div>	MID-HAWTHORN AQUIFER EXHIBIT		
	CHECKED BY:	KA		LANDS IN TOWNSHIPS 43 S. & 44 S., RANGES 24 E. & 25 E.		
FY -SURVEY WORK ORDER NUMBER:  24-038	DRAWN BY:	KC		CITY OF CAPE CORAL, LEE COUNTY, FLORIDA		
	APPROVED:	WEN		FIELD BOOK(S) / PAGE(S): F.B. XX, PGS XX-XX	SURVEY JOB: 2024-0038	DRAWING NUMBER: CC-24-0038.DWG
	SCALE:	1"=5000'				