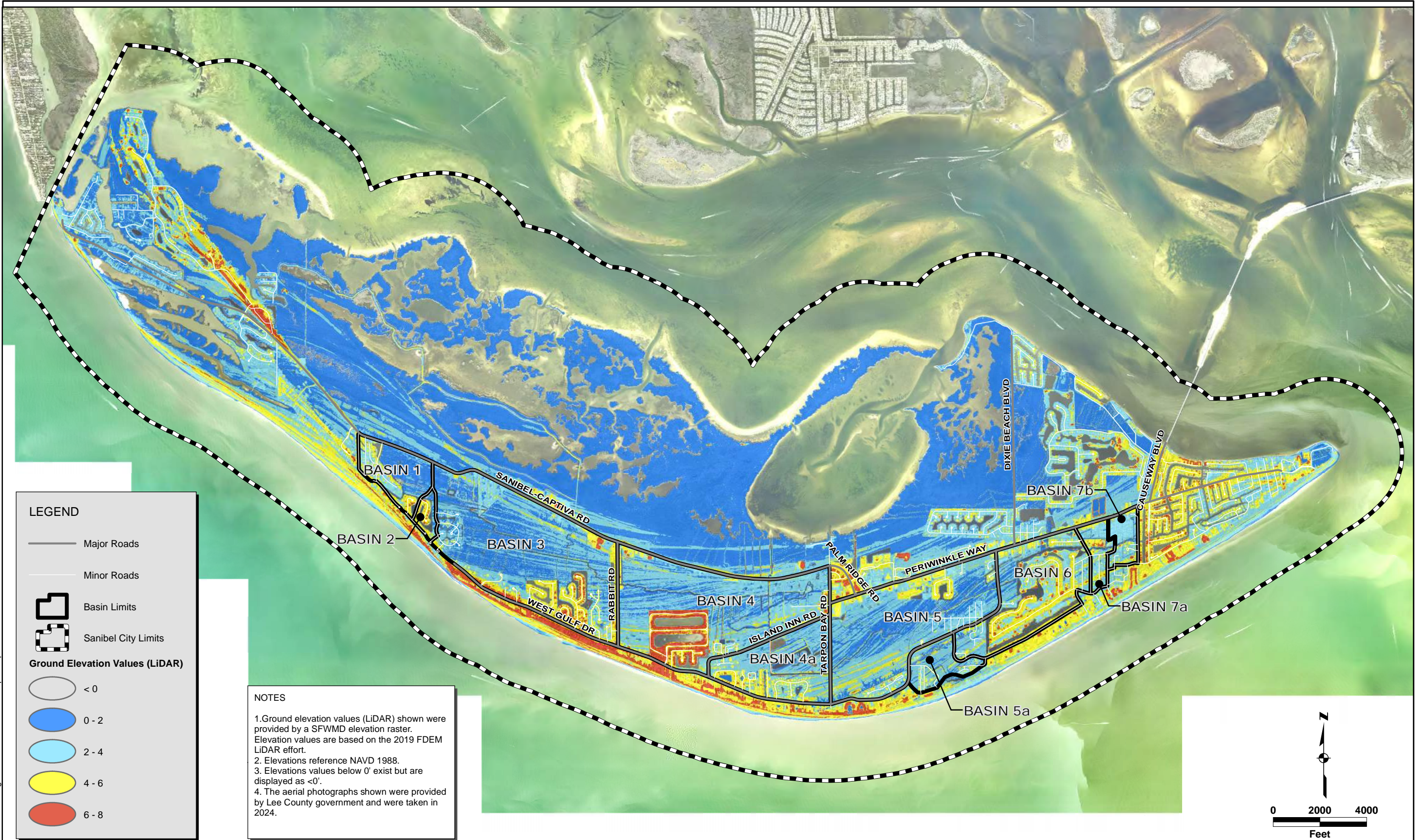


EXHIBITS

\\ftms01\Drawings\2023\20236161-000\topo map 11x17 LIDAR 2019 BKM Island.mxd



City of Sanibel
Lee County, Florida

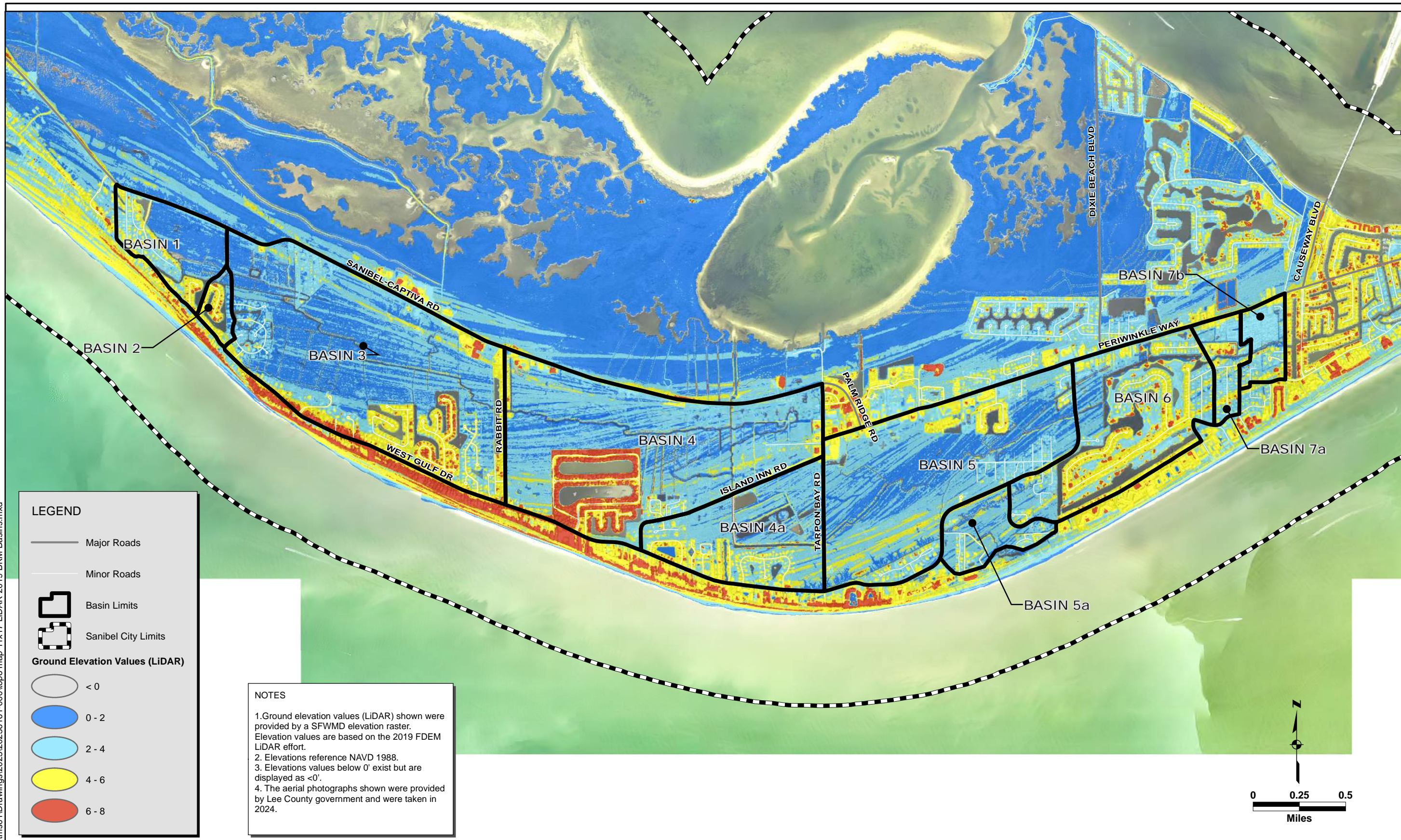
JOHNSON
ENGINEERING
— An Apex Company —

JOHNSON ENGINEERING, LLC.
2122 JOHNSON STREET
FORT MYERS, FLORIDA 33901
PHONE (239) 334-0046
E.B. #642 & L.B. #642

Topographic Map of Sanibel

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
Jan 2025	20236161-001	--	As Shown	1

\\fms01\Drawings\2023\20236161-000\topo map 11x17 LIDAR 2019 BKM Basins.mxd



City of Sanibel
Lee County, Florida



JOHNSON ENGINEERING, LLC.
2122 JOHNSON STREET
FORT MYERS, FLORIDA 33901
PHONE (239) 334-0046
E.B. #642 & L.B. #642

Topographic Map of Sanibel Interior

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
Jan 2025	20236161-001	--	As Shown	2



\\fms01\Drawings\2023\20236161-000\Sanibel 11x17 Bottom BKM.mxd

NOTES

1. Basin limits were provided by the 2018 Stormwater Master Plan.

2. The aerial photographs shown were provided by Lee County government and were taken in 2024.

City of Sanibel
Lee County, Florida

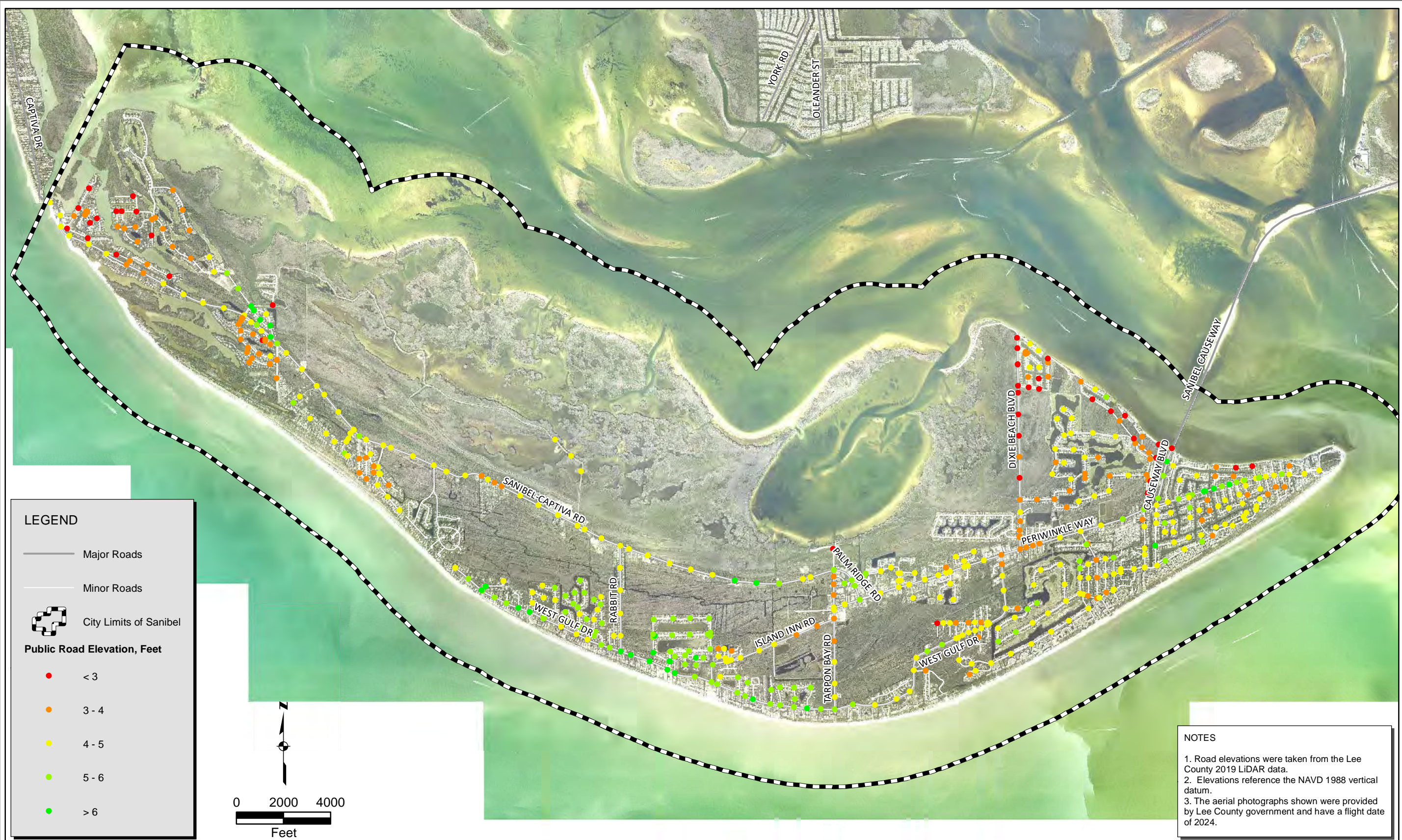


JOHNSON ENGINEERING, LLC.
2122 JOHNSON STREET
FORT MYERS, FLORIDA 33901
PHONE (239) 334-0046
E.B. #642 & L.B. #642

Surface Water and Surficial Aquifer
Monitoring Well Locations

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
Jan 2025	20236161-001	-	As Shown	3

\\fms01\Drawings\2023\20236161-000\topo map 11x17 Bottom - BKM_10.0.mxd Date: 1/22/2025 Time: 3:14:19 PM User: bkm



NOTES

1. Road elevations were taken from the Lee County 2019 LiDAR data.
2. Elevations reference the NAVD 1988 vertical datum.
3. The aerial photographs shown were provided by Lee County government and have a flight date of 2024.

Stormwater Master Plan
City of Sanibel, Florida

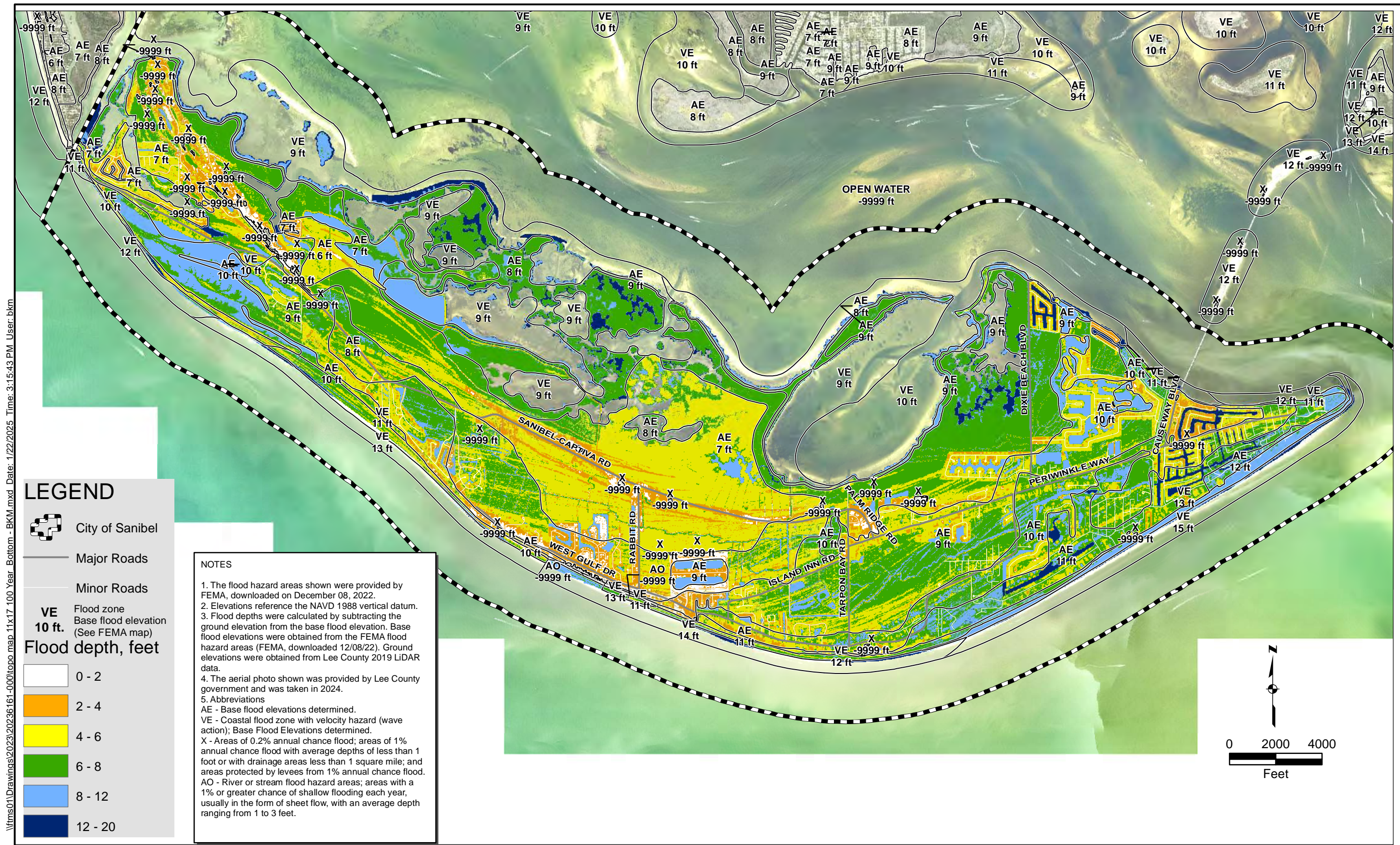
JOHNSON
ENGINEERING
— An Apex Company —

JOHNSON ENGINEERING, LLC.
2122 JOHNSON STREET
FORT MYERS, FLORIDA 33901
PHONE (239) 334-0046
E.B. #642 & L.B. #642

Road Elevation Map
(Existing Public Roads)

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
Jan 2025	20236161-001	-	As Shown	4

I:\rms01\Drawings\2023\20236161-000\topo map 11x17 100 Year Bottom - BKM.mxd Date: 1/22/2025 Time: 3:15:43 PM User: bkm



LEGEND

- City of Sanibel
- Major Roads
- Minor Roads
- VE**
10 ft.
Flood zone
Base flood elevation
(See FEMA map)
- Flood depth, feet**
- 0 - 2
- 2 - 4
- 4 - 6
- 6 - 8
- 8 - 12
- 12 - 20

NOTES

- The flood hazard areas shown were provided by FEMA, downloaded on December 08, 2022.
- Elevations reference the NAVD 1988 vertical datum.
- Flood depths were calculated by subtracting the ground elevation from the base flood elevation. Base flood elevations were obtained from the FEMA flood hazard areas (FEMA, downloaded 12/08/22). Ground elevations were obtained from Lee County 2019 LiDAR data.
- The aerial photo shown was provided by Lee County government and was taken in 2024.
- Abbreviations
AE - Base flood elevations determined.
VE - Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.
X - Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
AO - River or stream flood hazard areas; areas with a 1% or greater chance of shallow flooding each year, usually in the form of sheet flow, with an average depth ranging from 1 to 3 feet.

City of Sanibel
Lee County, Florida

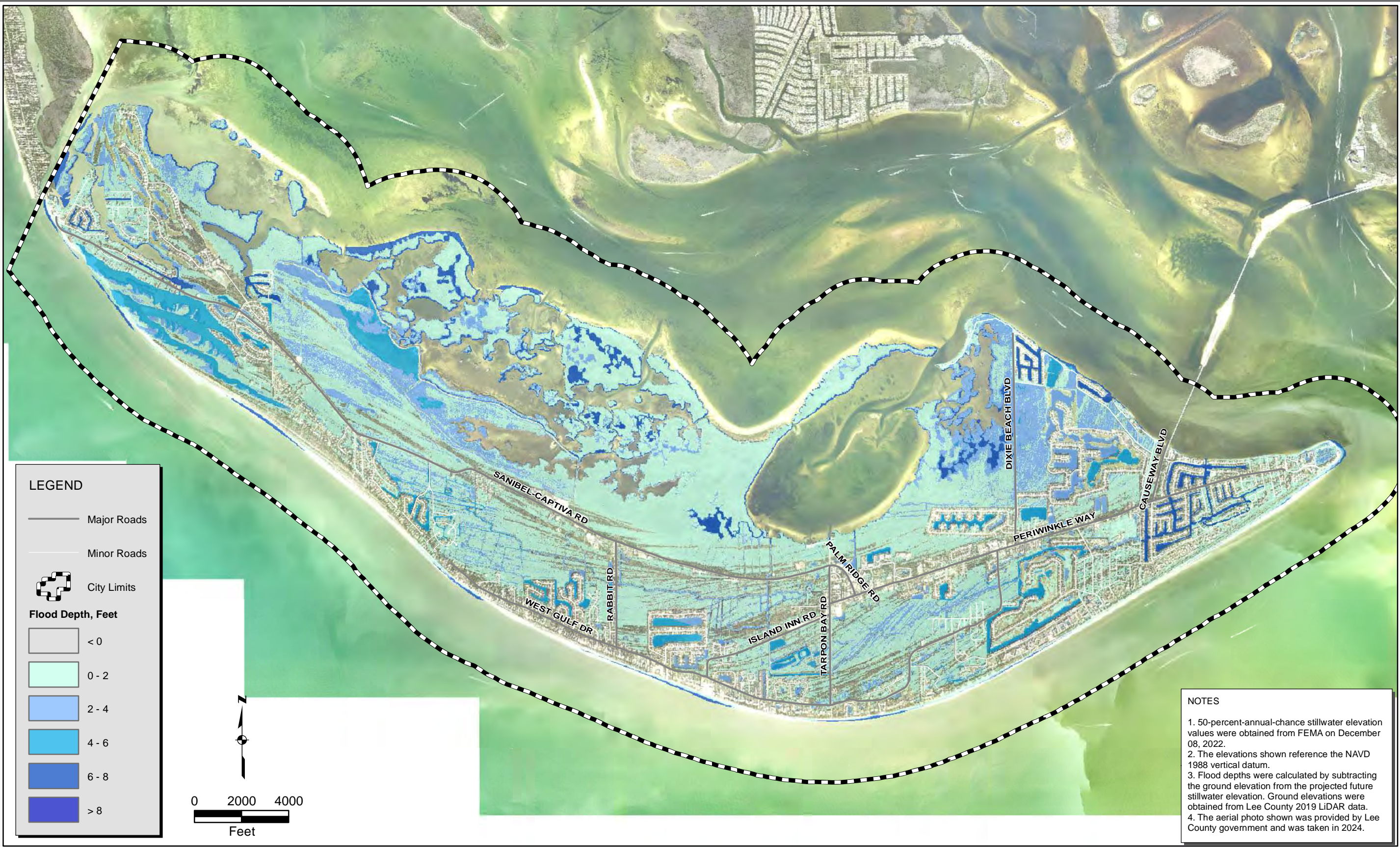


JOHNSON ENGINEERING, LLC.
2122 JOHNSON STREET
FORT MYERS, FLORIDA 33901
PHONE (239) 334-0046
E.B. #642 & L.B. #642

FEMA Flood Depth Map at 100-year Event
(2022 Publication Date)

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
Dec. 2024	20236161-001	-	As Shown	5

\\frms01\Drawings\2023\20236161-000\50-pct Inundation Bottom BKM_10.0.mxd Date: 1/22/2025 Time: 3:17:56 PM User: bkm



LEGEND

- Major Roads
- Minor Roads
- City Limits

Flood Depth, Feet

- < 0
- 0 - 2
- 2 - 4
- 4 - 6
- 6 - 8
- > 8

NOTES

1. 50-percent-annual-chance stillwater elevation values were obtained from FEMA on December 08, 2022.
2. The elevations shown reference the NAVD 1988 vertical datum.
3. Flood depths were calculated by subtracting the ground elevation from the projected future stillwater elevation. Ground elevations were obtained from Lee County 2019 LiDAR data.
4. The aerial photo shown was provided by Lee County government and was taken in 2024.

Stormwater Master Plan
City of Sanibel, Florida

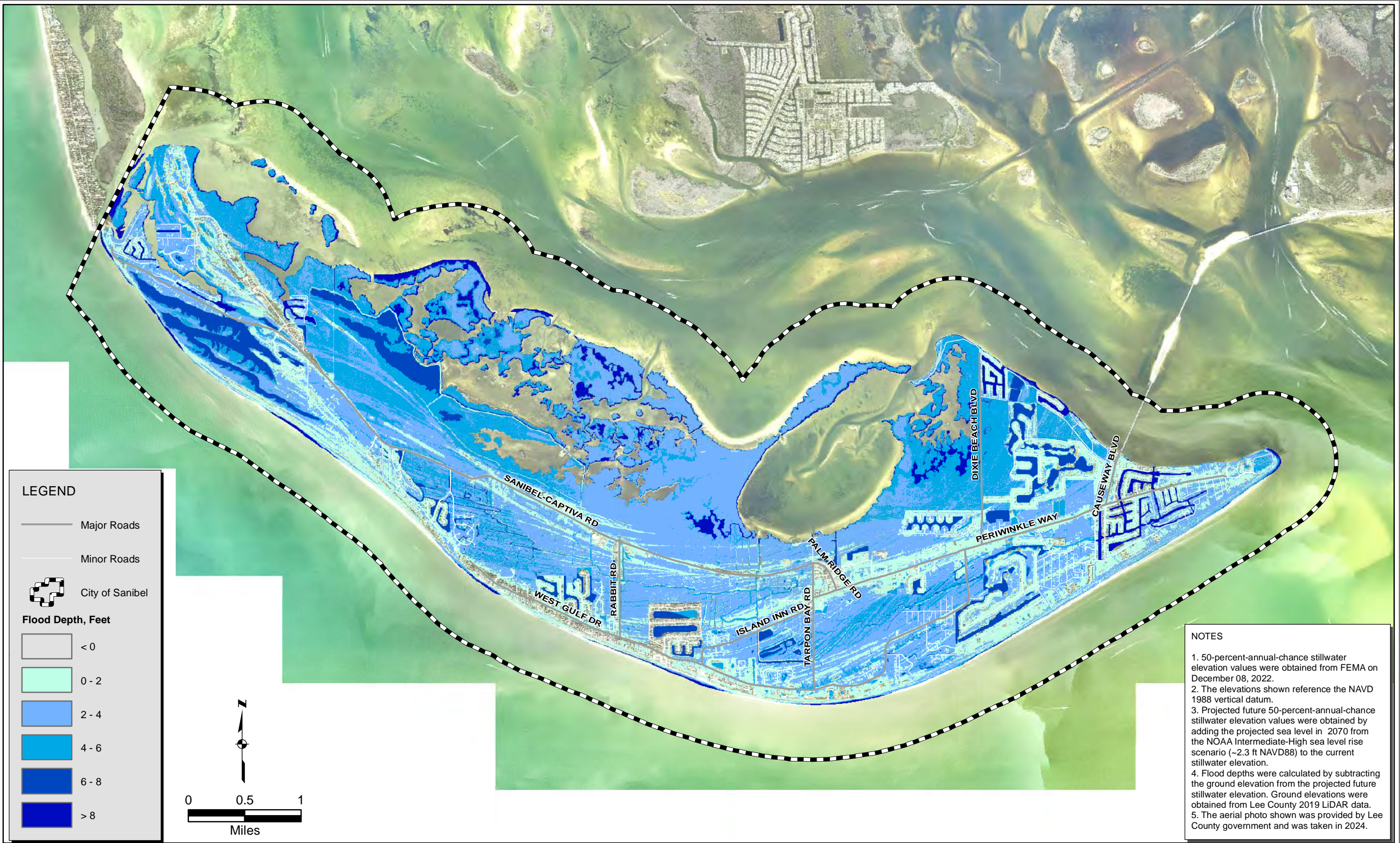
JOHNSON
ENGINEERING
— An Apex Company —

JOHNSON ENGINEERING, LLC.
2122 JOHNSON STREET
FORT MYERS, FLORIDA 33901
PHONE (239) 334-0046
E.B. #642 & L.B. #642

FEMA Coastal Flood Hazard Analysis
2022 Stillwater Flood Depth Map
50-Percent-Annual-Chance Storm Surge

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
Dec 2024	20236161-001	-	As Shown	6

\\frms01\Drawings\2023\20236161-000\50-pct Inundation - in 2070 Bottom BKM_10.0.mxd Date: 1/22/2025 Time: 1:53:59 PM User: bkm



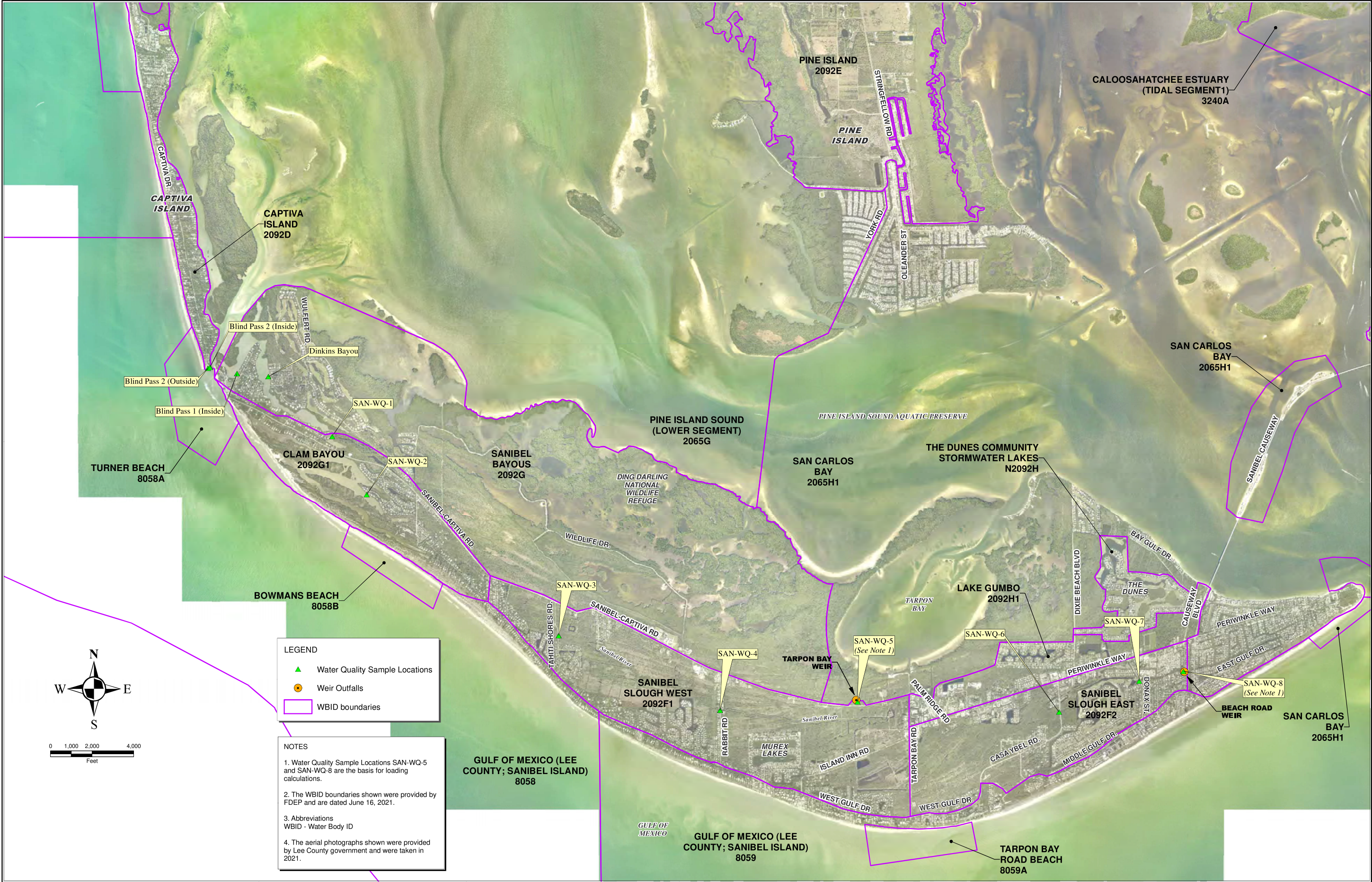
Stormwater Master Plan
City of Sanibel, Florida

JOHNSON
ENGINEERING
— An Apex Company —

JOHNSON ENGINEERING, LLC.
2122 JOHNSON STREET
FORT MYERS, FLORIDA 33901
PHONE (239) 334-0046
E.B. #642 & L.B. #642

FEMA Coastal Flood Hazard Analysis
2070 Projected Stillwater Flood Depth Map
50-Percent-Annual-Chance Storm Surge

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
Jan 2025	20236161-001	-	As Shown	7



REVISIONS		

City of Sanibel
Lee County, Florida



JOHNSON ENGINEERING,
LLC. 2122 JOHNSON STREET
FORT MYERS, FLORIDA 33901
PHONE (239) 334-0046
E.B. #642 & L.B. #642

Sample Location Map				
DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
JULY 2025	20238161-001	-	As Shown	8