

VOLUMES ANALYSIS

LOCATION MAP



VICINITY MAP



HERNANDO COUNTY, FL



CLIENT

HERNANDO COUNTY
16161 FLIGHT PATH DRIVE
BROOKSVILLE, FLORIDA 34604

ENGINEER OF RECORD

STANTEC - RACHEL ZASTROW, PE
777 S. HARBOUR ISLAND BLVD, SUITE 600
TAMPA, FL 33602
(813) 230-3115

SURVEYOR

MORGAN AND EKLUND INC.
4909 US HIGHWAY 1
VERO BEACH, FL 32967
(772) 388-5364

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PREPARED BY

STANTEC CONSULTING SERVICES, INC
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TAMPA, FL 33602



FOR REVIEW PURPOSES
ONLY

DATE:

ENGINEER OF RECORD: RACHEL ZASTROW
FLORIDA P.E. #97620

JULY 2025

1. ALL COORDINATES REFERENCE THE NORTH AMERICAN DATUM OF 1983/1990 ADJUSTMENT (NAD83/90) STATE PLANE ZONE 0902 FLORIDA WEST (FT).
2. ALL ELEVATIONS REFER TO NOAA VERTICAL DATUM TRANSFORMATION TOOL:
LAT, LONG = 28.485, -82.656

DATUM	TIDE LEVEL (FT)
MEAN HIGHER HIGH WATER (MHHW)	2.84
MEAN HIGH WATER (MHW)	2.51
NAVD88	1.47
MEAN SEA LEVEL (MSL)	1.24
MEAN LOW WATER (MLW)	0.00
MEAN LOWER LOW WATER (MLLW)	-0.42

Datum	Height (FT)
MHHW	2.84
MHW	2.51
NAVD88	1.47
MSL	1.24
MLW	0.00
MLLW	-0.42

1. DREDGE TEMPLATE CHANNEL WIDTHS VARY.
2. DREDGE TEMPLATE BOTTOM IS -5 FT MLW.
3. DREDGE TEMPLATE SIDE SLOPES ARE 3H:1V.

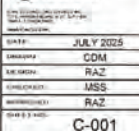
SUBAREA	DREDGE VOLUME (CY)
1	18,850
2	49,991
3	6,414
4	5,955
5	11,337
6	10,643
TOTAL	103,190

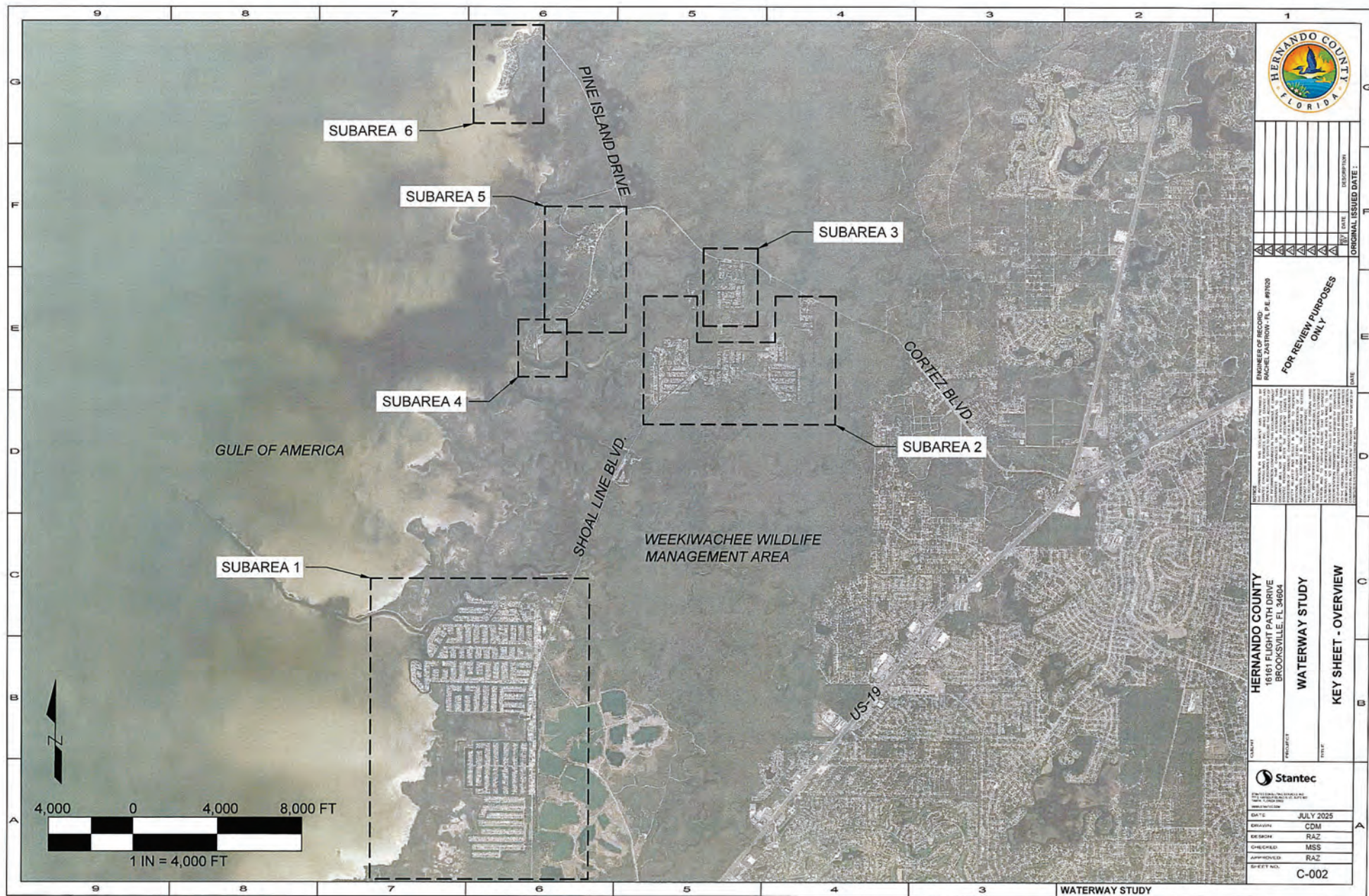


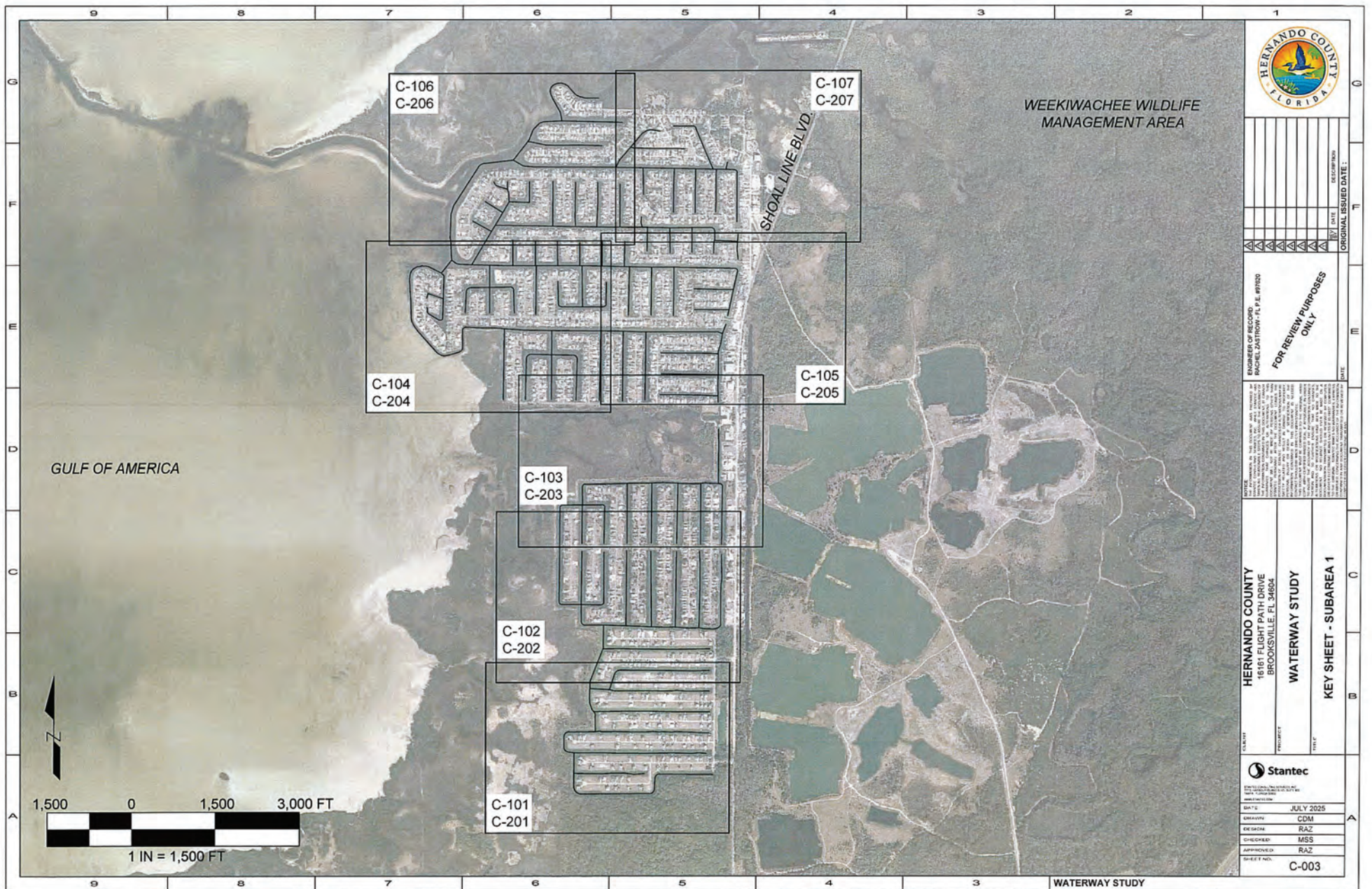
HERNANDO COUNTY
16161 FLIGHT PATH DRIVE
BROOKSVILLE, FL 34604

WATERWAY STUDY

GENERAL NOTES







WEEKIWACHEE WILDLIFE
MANAGEMENT AREA

FOR REVIEW PURPOSES
ONLY

HERNANDO COUNTY
18161 FLIGHT PATH DRIVE
BROOKSVILLE, FL 34604

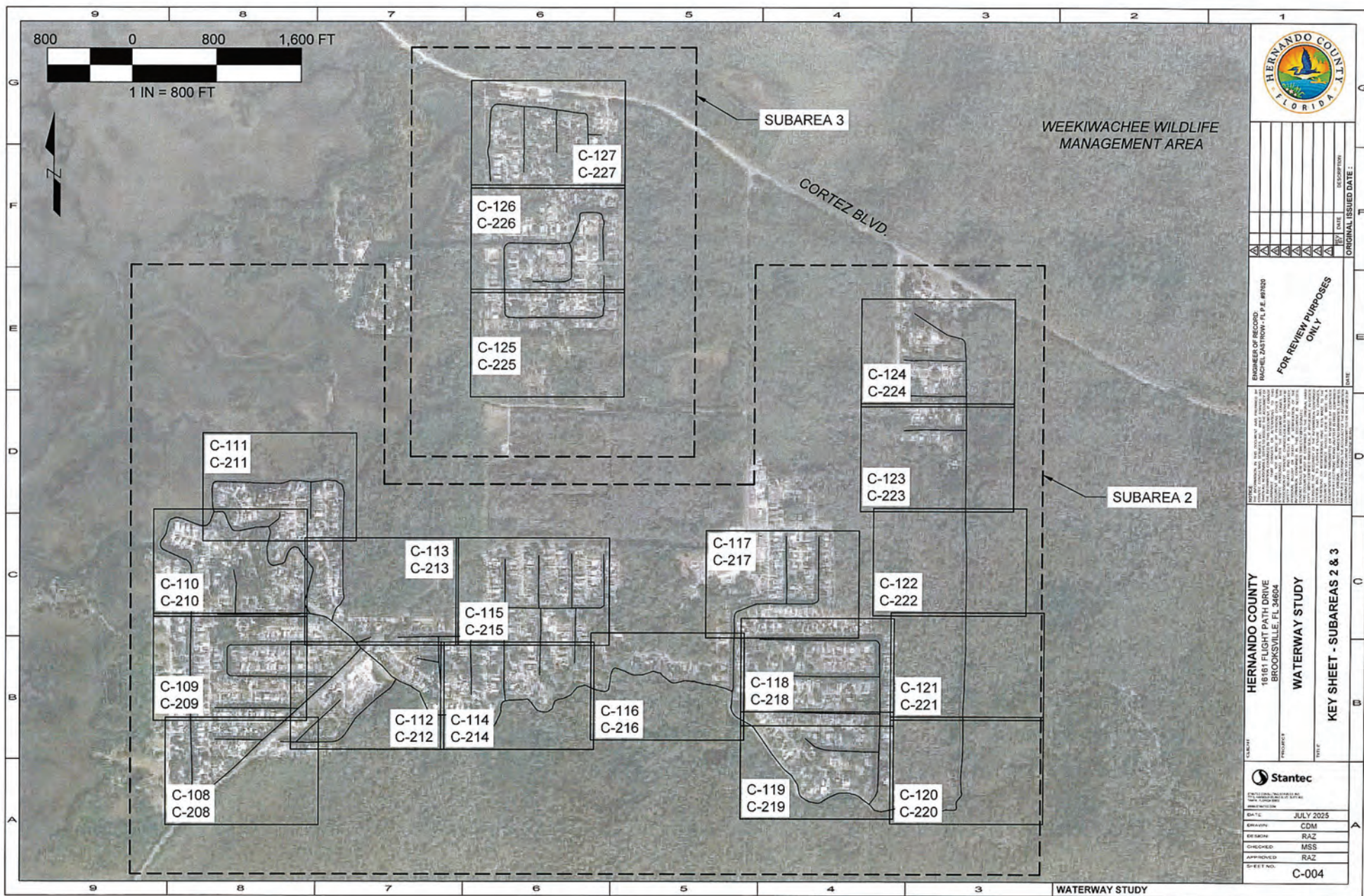
WATERWAY STUDY

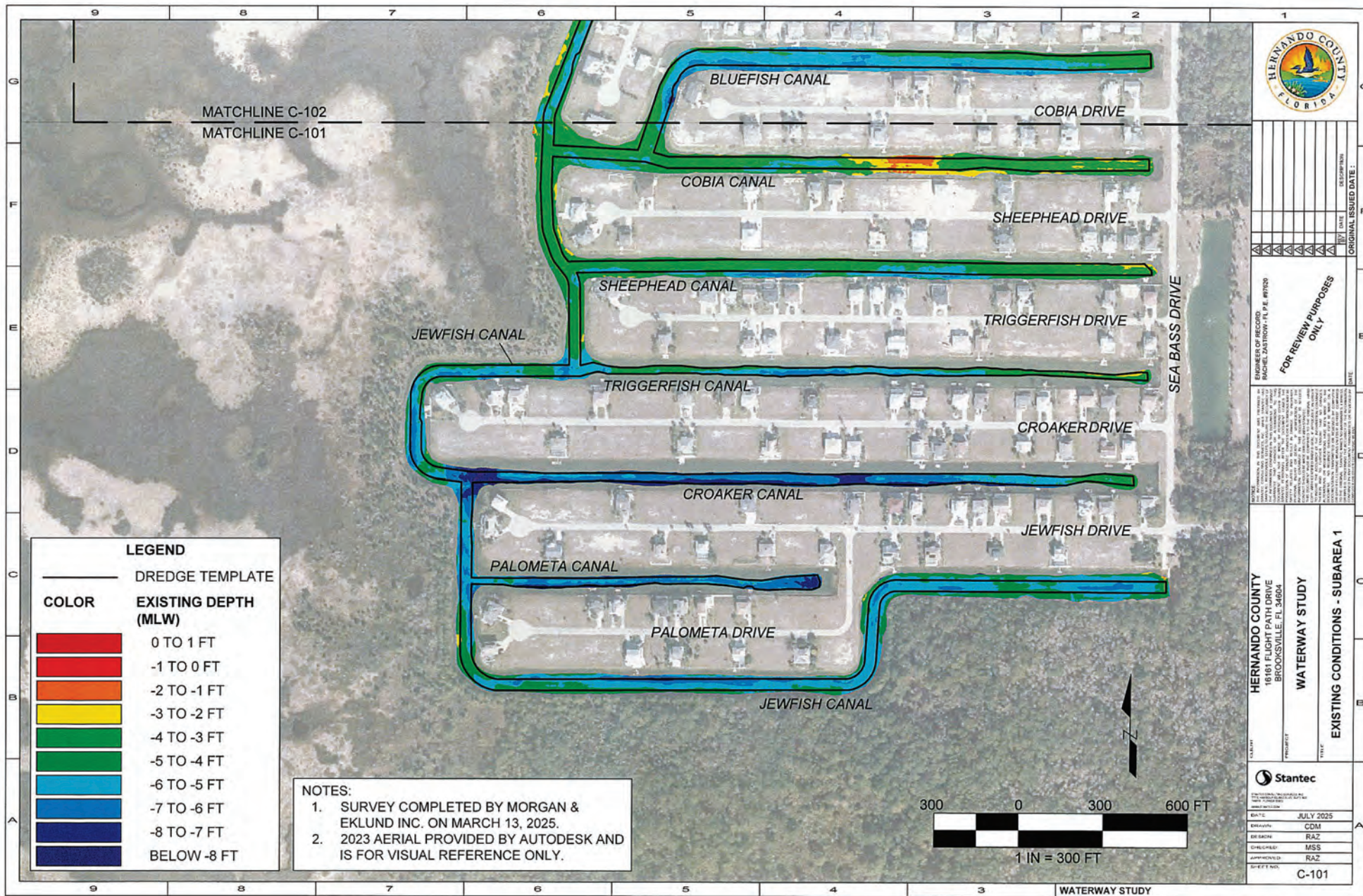
KEY SHEET - SUBAREA 1

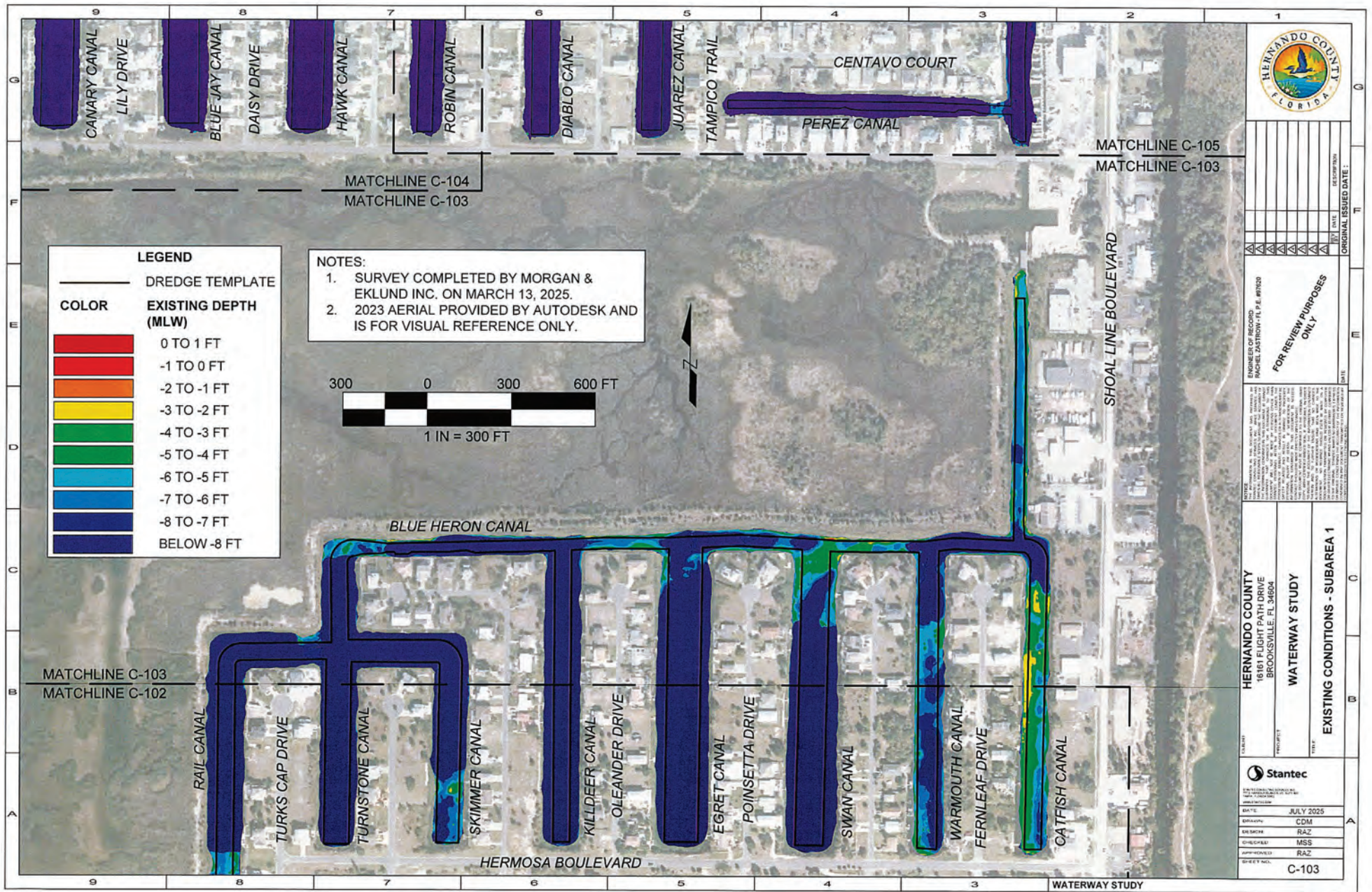


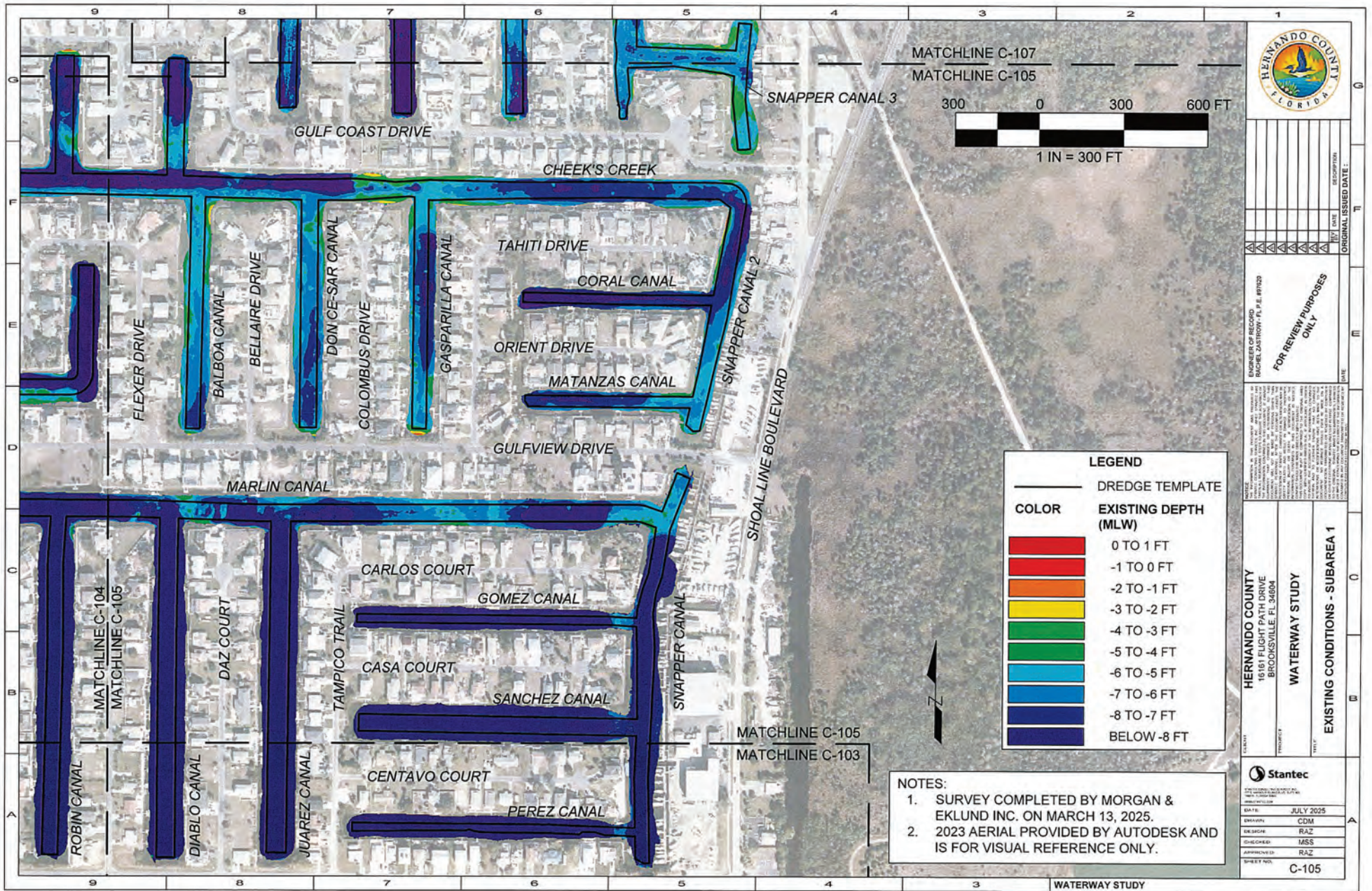
DATE: JULY 2025
DRAWN: CDM
DESIGN: RAZ
CHECKED: MSS
APPROVED: RAZ
SHEET NO.: C-003

WATERWAY STUDY









REV	DATE	DESCRIPTION

FOR REVIEW PURPOSES ONLY

HERNANDO COUNTY
1818 FLIGHT PATH DRIVE
BROOKSVILLE, FL 34604

WATERWAY STUDY
EXISTING CONDITIONS - SUBAREA 1

DATE	JULY 2025
DESIGNER	CDM
ENGINEER	RAZ
CHECKER	MSS
APPROVER	RAZ
SHEET NO.	C-105

LEGEND	
—	DREDGE TEMPLATE
COLOR	EXISTING DEPTH (MLW)
Red	0 TO 1 FT
Orange	-1 TO 0 FT
Yellow	-2 TO -1 FT
Light Green	-3 TO -2 FT
Green	-4 TO -3 FT
Blue	-5 TO -4 FT
Dark Blue	-6 TO -5 FT
Purple	-7 TO -6 FT
Purple	BELOW -8 FT

NOTES:
1. SURVEY COMPLETED BY MORGAN & EKLUND INC. ON MARCH 13, 2025.
2. 2023 AERIAL PROVIDED BY AUTODESK AND IS FOR VISUAL REFERENCE ONLY.

WATERWAY STUDY

