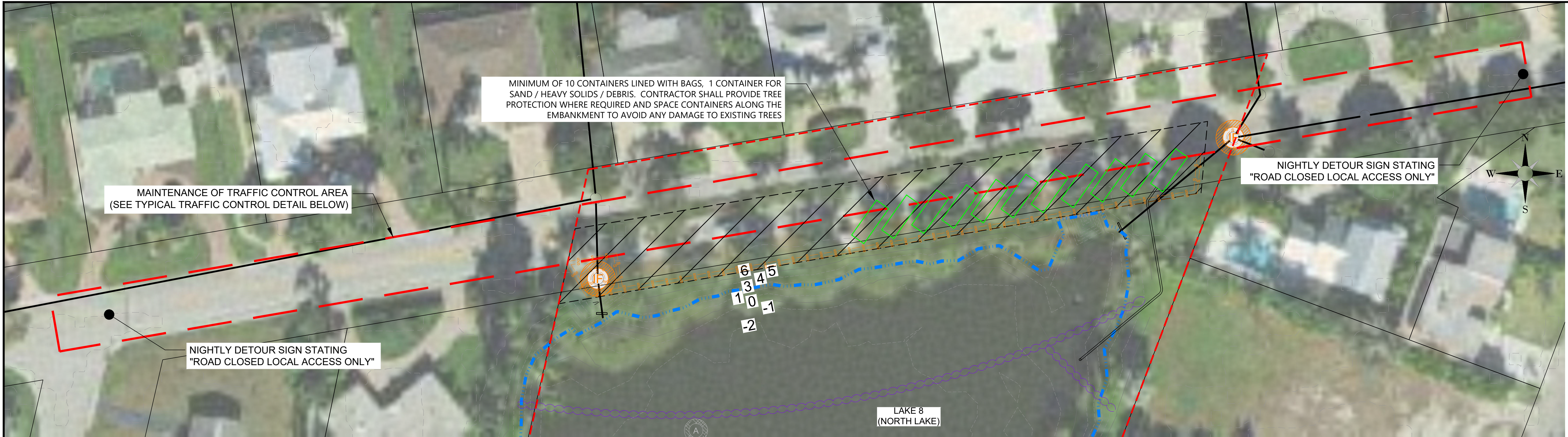


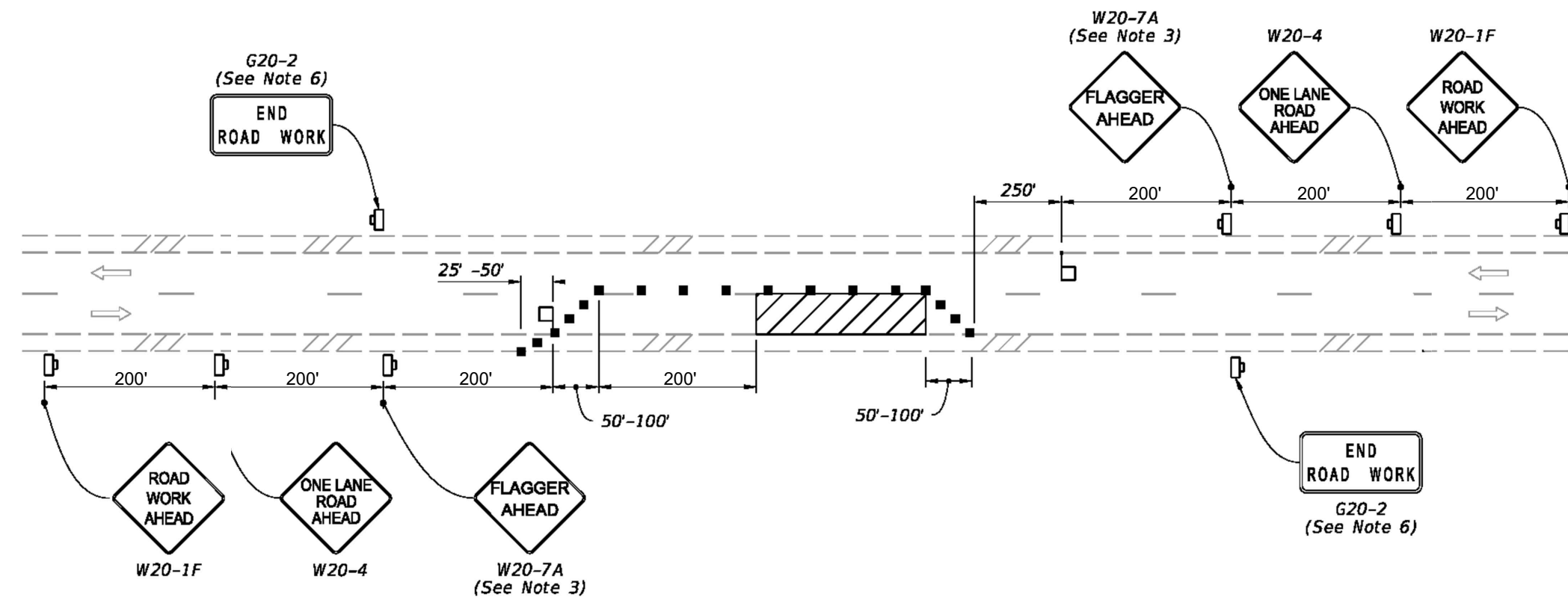
PROJECT NUMBER: 600843.03 CITY: TAMPA
C:\Users\USGB673007\WSP\0965\Greg - City of Naples - North and South Lake\2023\JULY_2023\City of Naples_Lakes 8 & 9 Restoration - Standard\C-103_8.dwg LAYOUT: MAINTENANCE OF TRAFFIC CONTROL PLAN
SAVED: 8/10/2023 7:24 AM PLOTSTYLETABLE: ---- PLOTTED: 8/10/2023 11:34 AM DRAWN BY: BOLTON, GARY P.



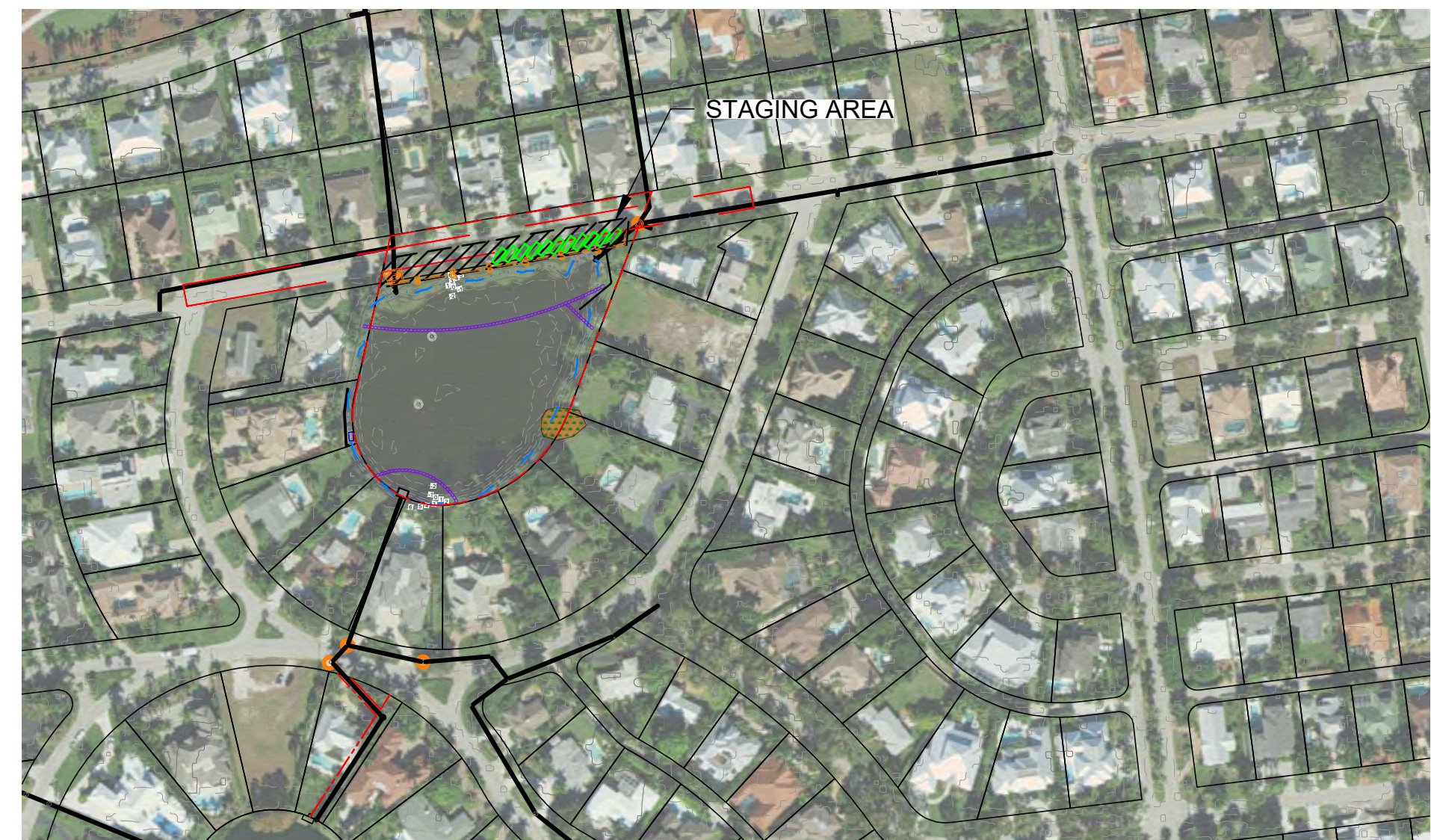
SOURCE: FLORIDA LABINS (OP2019_NC_310245)

1 PROPOSED MAINTENANCE OF TRAFFIC CONTROL PLAN - LAKE 8

NOT TO SCALE



TYPICAL TWO LANE ROAD TRAFFIC CONTROL DETAIL



LEGEND

- 5 EXISTING CONTOURS
- EXISTING CONTOURS MINOR
- EXISTING STORMWATER DRAINS & PIPES
- NORMAL LAKE WATER LEVEL EL. 2.6'
- APPROXIMATE LAKE 8 PROJECT BOUNDARY (2.8 ACRES)
- COLLIER COUNTY PARCEL BOUNDARY
- PROPOSED INLET FILTERS TYPICAL
- EXISTING AERATOR (TO BE REMOVED & STORED FOR REUSE)
- 20 YD ROLL OFF DEWATERING SYSTEM
- FLOATING TURBIDITY BARRIER
- TEMPORARY SILT FENCING

NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING ADDITIONAL EROSION SEDIMENT CONTROL MEASURES AS NEEDED TO PREVENT AND MINIMIZE SEDIMENT TRANSFER FROM THE PROJECT SITE. THESE MEASURES INCLUDE BUT NOT LIMITED TO SILT FENCE, FLOATING TURBIDITY CURTAIN AND TRUCK CLEANING STATIONS.
- CONTRACTOR SHALL ENSURE THE SITE IS KEPT IN GOOD CLEAN WORKING ORDER THROUGHOUT THE DURATION OF THE PROJECT INCLUDING PICKING UP/ DISPOSING OF TRASH, SWEEPING ROADWAYS AND CLEANING STORMWATER INLETS, AS NEEDED.
- THE CONTRACTOR SHALL MAINTAIN AN EXCAVATOR ON SITE TO MANEUVER THE ROLL OFFS INTO POSITION FOR THE TRUCKS THAT WILL HAVE TO BACK DOWN THE LANE TO LOAD / UNLOAD THE CONTAINERS.



USA ENVIRONMENT & INFRASTRUCTURE, INC.
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Suite 200
Tampa, FL 33602
Phone: 1.813.289.0750
www.wsp.com

GREGORY W. CORNING, P.E.
FLORIDA PE LICENSE NO. 79293

PROJECT:
**CITY OF NAPLES
LAKES RESTORATION**

City of *Naples* Florida

CLIENT:
**CITY OF NAPLES
PUBLIC WORKS
DEPARTMENT**

295 RIVERSIDE DRIVE
NAPLES, FL 34102

WSP PROJECT NO:
600843.03

REVISIONS

NO.	DATE	BY	APPROVED
A	3/24/23	MV	GC
B	6/7/23	GB	GC
C	8/4/23	GB	GC

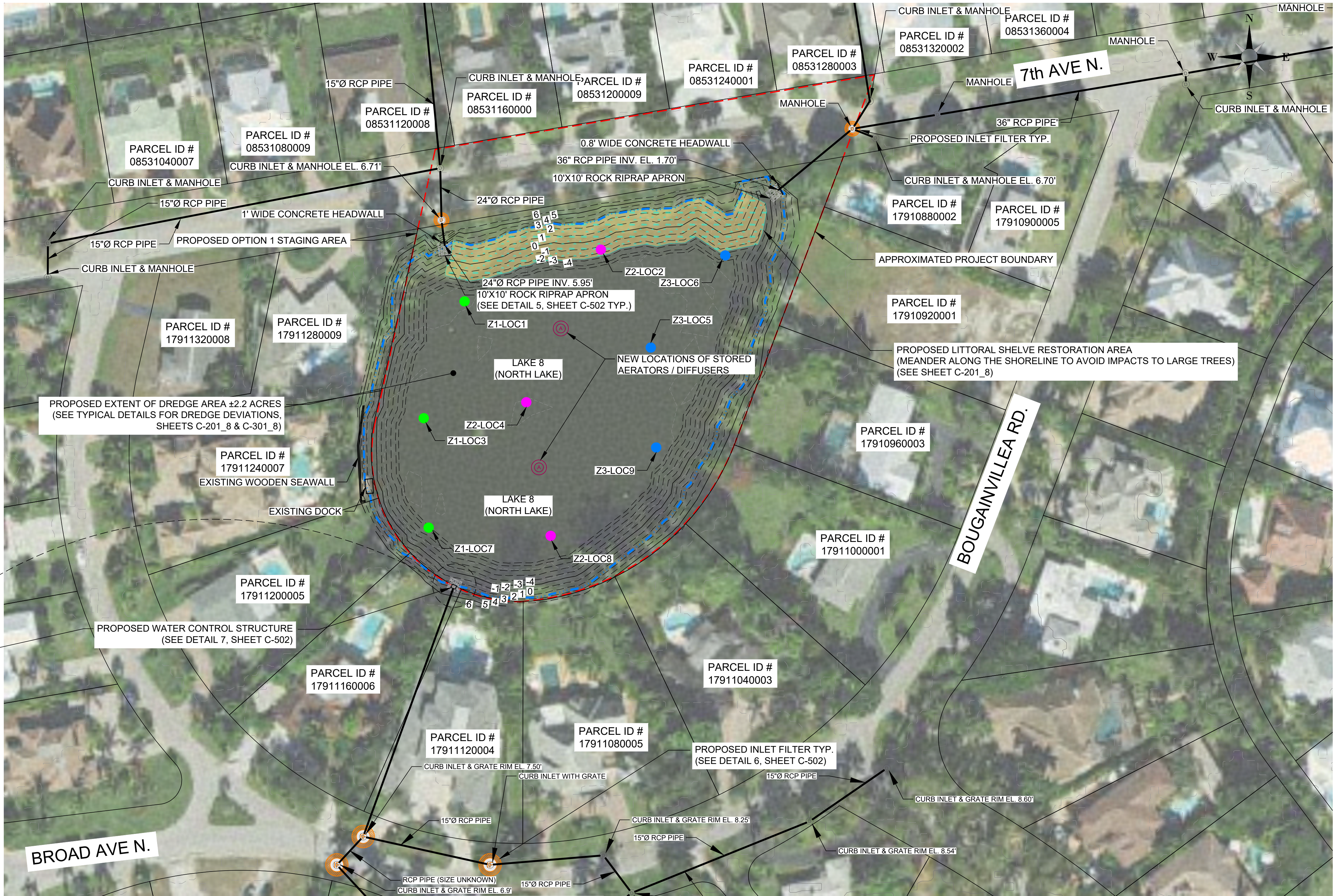
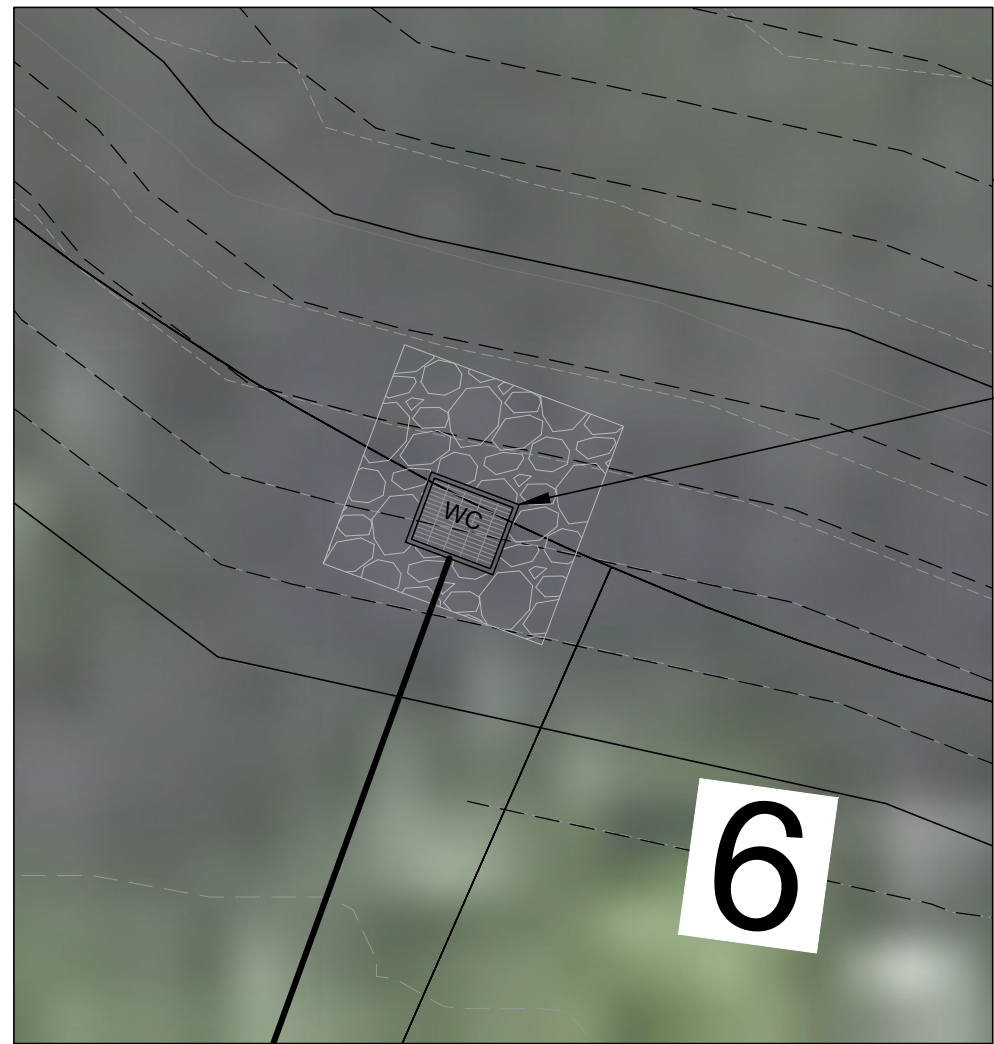
DESIGNED BY:	D. ATWATER
DRAWN BY:	M. VIVES
CHECKED BY:	T. G. DAVIES
APPROVED BY:	G. CORNING
DATE:	August 10, 2023

SHEET TITLE:

**MAINTENANCE OF
TRAFFIC CONTROL
PLAN**

SHEET NUMBER:	REV. #
C-103_8	C
SHEET 05 OF 17 SHEETS	

90% / DESIGN & PERMITTING (NOT FOR CONSTRUCTION)

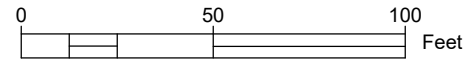


SOURCE: FLORIDA LABINS (OP2019_NC_310245)

1

PROPOSED SITE PLAN - LAKE 8

Scale: 1"=50'



LEGEND

- 5 PROPOSED CONTOURS
- PROPOSED CONTOURS MINOR
- 5 EXISTING CONTOURS MAJOR
- EXISTING CONTOURS MINOR
- EXISTING STORMWATER DRAINS & PIPES
- APPROXIMATE LAKE 8 PROJECT BOUNDARY (2.8 ACRES)
- COLLIER COUNTY PARCEL BOUNDARY
- WC PROPOSED WATER CONTROL STRUCTURE TYPICAL
- PROPOSED INLET FILTER TYPICAL
- PROPOSED AERATOR TYPICAL

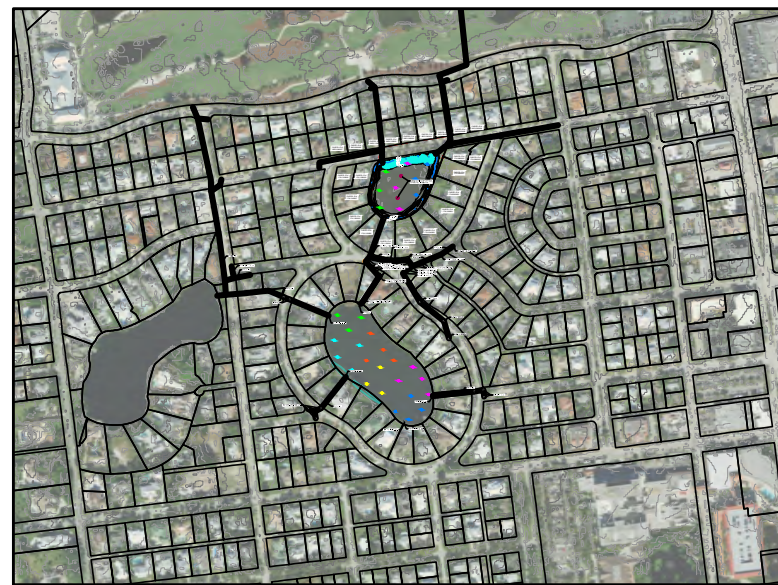
LITTORAL SHELF GRADING & PLANTING

SEDIMENT SAMPLING LOCATIONS

- ZONE-1 LOCATIONS 1, 3 & 7 (Z1-LOC7)
- ZONE-2 LOCATIONS 2, 4 & 8 (Z2-LOC8)
- ZONE-3 LOCATIONS 6, 5, & 9 (Z3-LOC9)

NOTES:

- ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- THE BATHYMETRIC AND TOPOGRAPHIC DATA FOR LAKES 8 RESTORATION PROJECT WAS COMPILED FROM THE FOLLOWING SOURCES WSP SURVEY - DATED 2022,
- THE CONTRACTOR SHALL LOCATE AND IDENTIFY ALL UNDER GROUND AND ABOVE GROUND UTILITIES WITHIN THE PROJECT BOUNDARY. IN THE EVENT, THE UTILITIES ARE IMPACTED THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY AND CITY IMMEDIATELY AND REPLACE TO MATCH EXISTING CONDITIONS.
- THE CONTRACTOR SHALL LOCATE AND FLAG ALL INVASIVE SPECIES TO BE REMOVED FOR CITY REVIEW AND APPROVAL PRIOR TO COMMENCEMENT.
- CONTRACTOR TO REFERENCE FEASIBILITY REPORT FOR INFORMATION ON SEDIMENT SAMPLING ZONE LOCATIONS AND ANALYTICAL DATA FOR DEWATERING AND DISPOSAL LOGISTICS.



SITE MAP LOCATION



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GREGORY W. CORNING, P.E.
FLORIDA PE LICENSE NO. 79293

PROJECT:
**CITY OF NAPLES
LAKES RESTORATION**



CLIENT:
**CITY OF NAPLES
PUBLIC WORKS
DEPARTMENT**

295 RIVERSIDE DRIVE
NAPLES, FL 34102

WSP PROJECT NO:
600843.03

REVISIONS

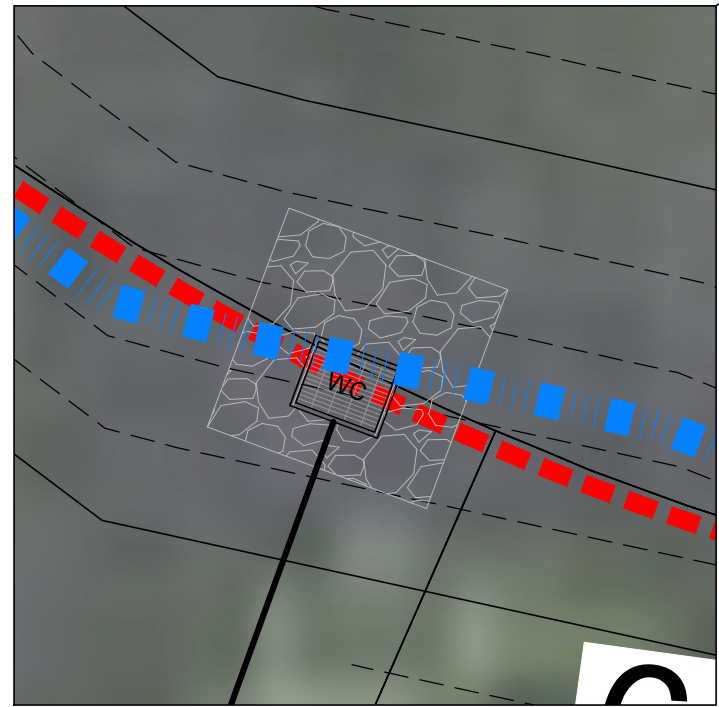
NO.	DATE	BY	APPROVED
A	3/24/23	MV	GC
B	6/7/23	GB	GC
C	8/4/23	GB	GC

DESIGNED BY:	D. ATWATER
DRAWN BY:	M. VIVES
CHECKED BY:	T. G. DAVIES
APPROVED BY:	G. CORNING
DATE:	August 10, 2023

SHEET TITLE:

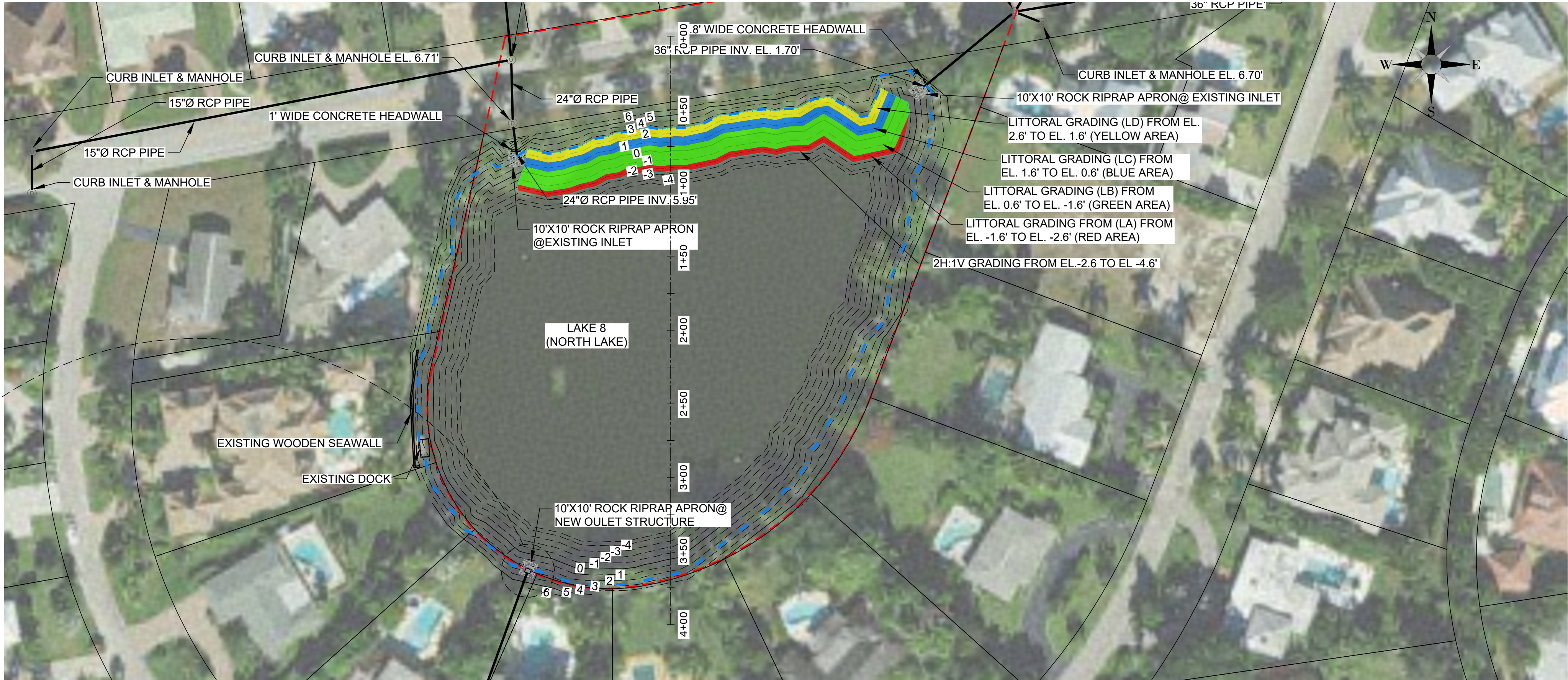
**PROPOSED SITE
PLAN LAKE 8**

SHEET NUMBER:	REV. #
C-104_8	C
SHEET 06 OF 17 SHEETS	



NOT TO SCALE

SOURCE: FLORIDA LABINS (OP2019_NC_310245)



1 PROFILE LOCATION PLAN - LAKE 8

Scale: 1"=50'

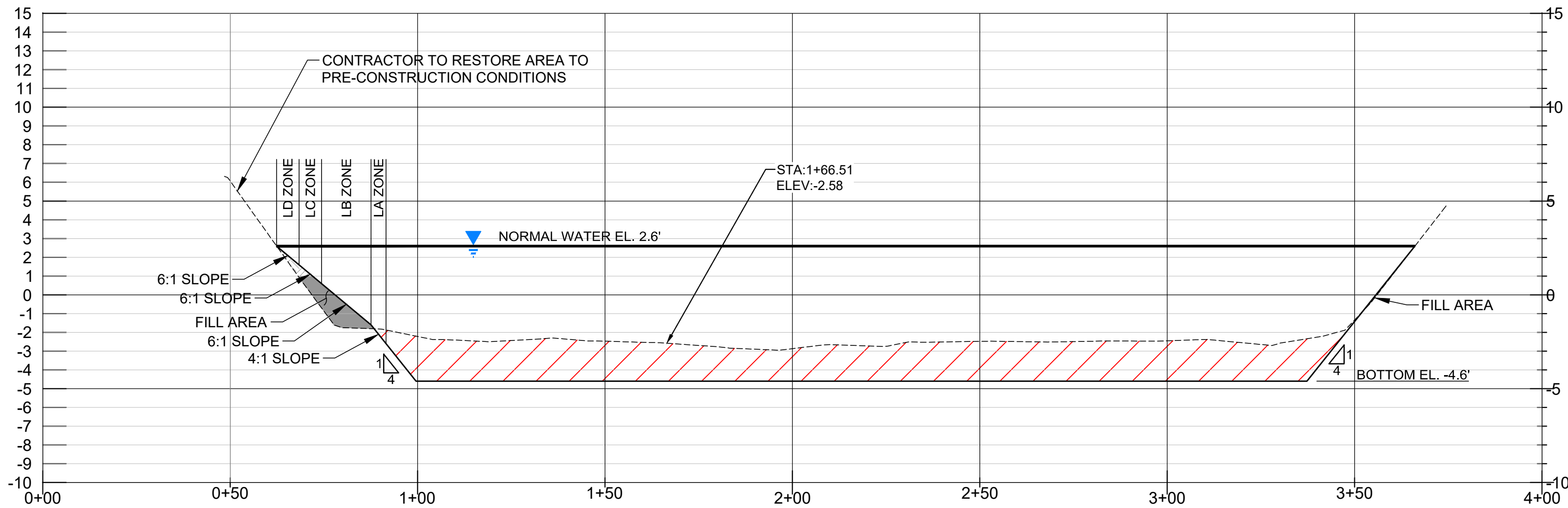
- NOTE:
- CONTRACTOR SHALL STAY A MINIMUM OF 10 FEET FROM EXISTING DOCKS AND SEAWALLS TO AVOID DAMAGE TO PRIVATE PROPERTY.
 - CONTRACTOR TO RESTORE ALL AREAS ABOVE LITTORAL PLANTINGS (EL. 2.6') TO PRE-CONSTRUCTION CONDITION AFTER ALL WORK IS COMPLETED.

LEGEND

SYMBOL	COMMON NAME	BOTANICAL NAME	DEPTH	SLOPE	AREA (SQ. FT.)
LITTORAL PLANTINGS					
	LITTORAL MIX D (LD)	CINNAMON FERN / SWAMP ROSEMALLOW	EL. 2.6' TO EL. 1.6'	6:1 SLOPE,	1610
	LITTORAL MIX C (LC)	DUCK POTATO / BROADLEAF ARROWHEAD	EL. 1.6' TO EL. 0.6'	6:1 SLOPE,	1657
	LITTORAL MIX B (LB)	BULL RUSH / SPIKE RUSH	EL. 0.6' TO EL. -1.6'	6:1 SLOPE	3824
	LITTORAL MIX A (LA)	FRAGRANT WATERLILY	EL. -1.6' TO EL. -2.6'	4:1 SLOPE	1148
	FILL AREA (APPROXIMATELY 371 CU. YDS)				
	CUT AREA (APPROXIMATELY 4822 CU. YDS.)				

- 5 — PROPOSED CONTOURS
- - - - - PROPOSED CONTOURS MINOR
- - - - - NORMAL LAKE WATER LEVEL EL. 2.6'
[] APPROXIMATE LAKE 8 PROJECT BOUNDARY (2.8 ACRES)

PROPOSED WATER CONTROL STRUCTURE TYPICAL



2 NORTH - SOUTH PROFILE VIEW

NOTES:

- ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- THE BATHYMETRIC AND TOPOGRAPHIC DATA FOR LAKES 8, AND 9 RESTORATION PROJECT WAS COMPILED FROM THE FOLLOWING SOURCES WSP SURVEY - DATED 2022, ELECTRONIC FILES OF DATA WILL BE SUPPLIED TO CONTRACTOR FOR BIDDING PURPOSES.
- CUT AND FILL VOLUMES ARE APPROXIMATE AND ARE BASED ON PROPOSED SURFACE.



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APPROVED BY:	G. CORNING
DATE:	August 10, 2023

SHEET TITLE:

**LITTORAL PLANTING
AND GRADING PLAN
AND PROFILE**

SHEET NUMBER:	REV. #
C-201_8	C
SHEET 07 OF 17 SHEETS	