

USA ENVIRONMENT & INFRASTRUCTURE, INC 1101 Channelside Drive 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

O

(NOT

CLIENT: **CITY OF NAPLES** 

**PUBLIC WORKS DEPARTMENT** 

295 RIVERSIDE DRIVE **NAPLES, FL 34102** 

WSP PROJECT NO: 600843.03

REVISIONS			
NO.	DATE	ВҮ	APPROVED
A	3/24/23	MV	GC
В	6/7/23	GB	GC
c	8/4/23	GB	GC

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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 LAKE 9

SHEET NUMBER:	REV. #
C-103_9	С
SHEET 11 OF 17 S	HEETS

### PROPOSED MAINTENANCE OF TRAFFIC CONTROL PLAN - LAKE 9 NOT TO SCALE

LEGEND

5 — EXISTING CONTOURS EXISTING CONTOURS MINOR — EXISTING STORMWATER DRAINS & PIPES - CITY OF NAPLES EASEMENT — · · · — NORMAL LAKE WATER LEVEL EL. 2.6'

FLOATING TURBIDITY BARRIER

TRAFFIC CONTROL AREA

STAGING AREA

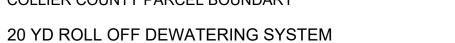
APPROXIMATE LAKE 9 PROJECT BOUNDARY (4.6 ACRES)

COLLIER COUNTY PARCEL BOUNDARY

PROPOSED INLET FILTER TYPICAL

1. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING ADDITIONAL EROSION SEDIMENT CONTROL MEASURES AS NEEDED

2. 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.



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.



SITE MAP LOCATION



LEGEND

— 5 — PROPOSED CONTOURS

--- PROPOSED CONTOURS MINOR -- 5 -- EXISTING CONTOURS MAJOR EXISTING CONTOURS MINOR

EXISTING STORMWATER DRAINS & PIPES ————— CITY OF NAPLES EASEMENT

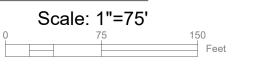
- · · · - NORMAL WATER LEVEL EL. 2.6' APPROXIMATE LAKE 9 PROJECT BOUNDARY (4.6 ACRES)

COLLIER COUNTY PARCEL BOUNDARY

PROPOSED WATER CONTROL STRUCTURE

PROPOSED INLET FILTER PROPOSED AERATOR

## PROPOSED SITE PLAN - LAKE 9



- 1. ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- 2. THE BATHYMETRIC AND TOPOGRAPHIC DATA FOR LAKE 9 RESTORATION PROJECT WAS COMPILED FROM THE FOLLOWING SOURCES WSP SURVEY DATED 2022,
- 3. 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. 4. THE CONTRACTOR SHALL PROTECT THE CYPRESS TREES AND FEET ALONG THE NORTHERN BOUNDARY DURING CONSTRUCTION. SEE TREE PROTECTION DETAIL 9, SHEET C-503.



SITE MAP LOCATION



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**PUBLIC WORKS** 

**DEPARTMENT 295 RIVERSIDE DRIVE** NAPLES, FL 34102

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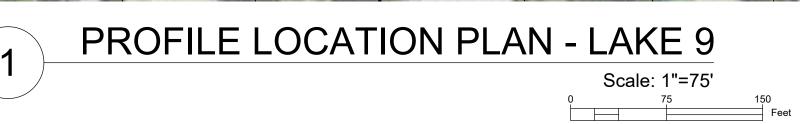
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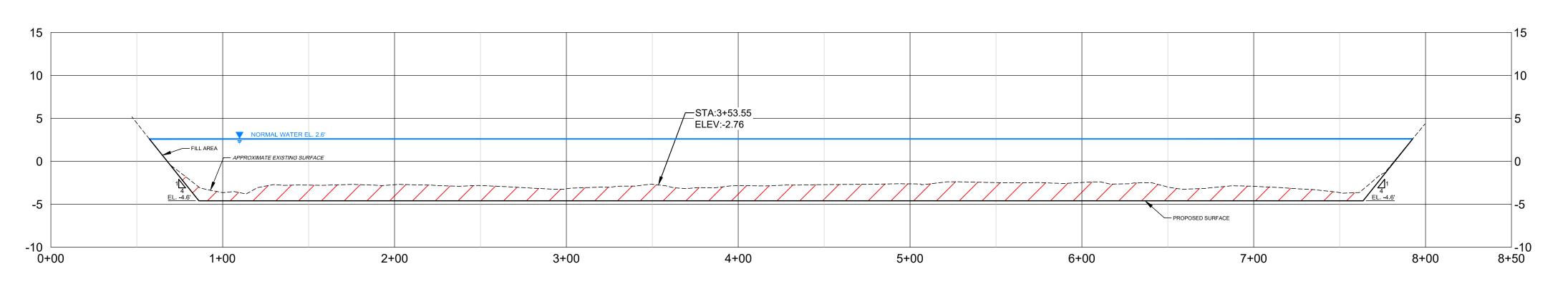
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PROPOSED SITE PLAN LAKE 9

SHEET NUMBER: REV.# C-104\_9 SHEET 12 OF 17 SHEETS





# NORTHWEST - SOUTHEAST PROFILE VIEW

LEGEND

— 5 — PROPOSED CONTOURS

— — PROPOSED CONTOURS MINOR

-- 5 -- EXISTING CONTOURS MAJOR - EXISTING CONTOURS MINOR

EXISTING STORMWATER DRAINS & PIPES

- CITY OF NAPLES EASEMENT

- · · · - NORMAL WATER LEVEL EL. 2.6'

APPROXIMATE LAKE 9 PROJECT BOUNDARY (4.6 ACRES)



COLLIER COUNTY PARCEL BOUNDARY



PROPOSED INLET FILTERS TYPICAL PROPOSED AERATORS TYPICAL



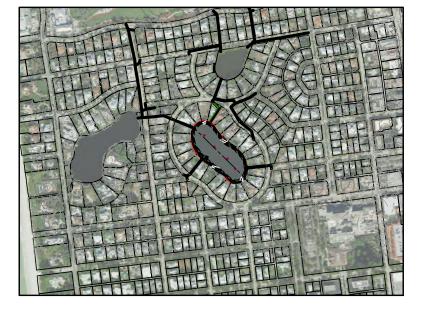
FILL AREA (APRROXIMATELY 79 CU. YDS.)

CUT AREA (APPROXIMATELY 12,457 CU. YDS.)

1. ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

2. THE BATHYMETRIC DATA FOR PROJECT WAS COMPILED BY WSP IN 2022. ELECTRONIC FILES OF DATA WILL BE SUPPLIED TO CONTRACTOR FOR BIDDING PURPOSES.

3. CUT AND FILL VOLUMES ARE APPROXIMATE AND BASED ON PROPOSED SURFACE.



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PROFILE VIEW & LOCATION LAKE 9

SHEET NUMBER: REV.# C-201\_9 SHEET 13 OF 17 SHEETS