PREPARED BY: CYPRESS ENVIRONMENTAL

Client / Applicant: **PBC Northwind, LLC**
Waterbody / Class: **unnamed wetlands**
Purpose: **Ecological Site Assessment**
Project Location / USGS: **11504 Panama City Beach Pkwy / PC Beach**
Latitude: **N30° 12' 09"**
Longitude: **W85° 49' 17"**
Section: **26** Township: **3 South** Range: **16 West**

Job: **144.01**
WMD:
COE:
Other: **PID: 34037-000-000**
Date: **February 11, 2013**
Sheet:

VICINITY MAP

Directions to Site:

From Panama City: West on US Highway 98, over Hathaway Bridge. Property located on north side of US Hwy 98 (aka Panama City Beach Pkwy / Back Beach Rd), at northwest corner of US Hwy 98 and Alf Coleman Road.

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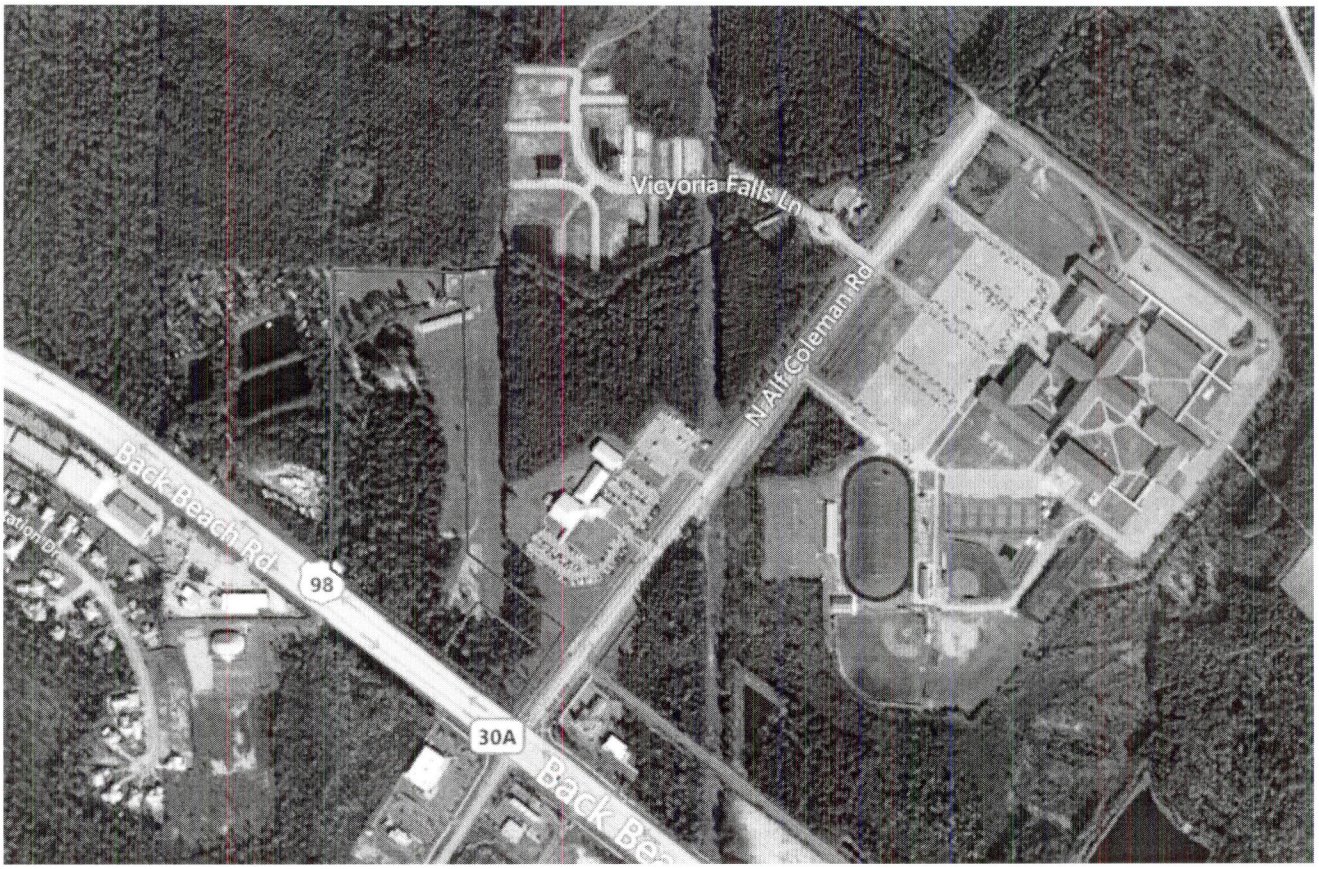
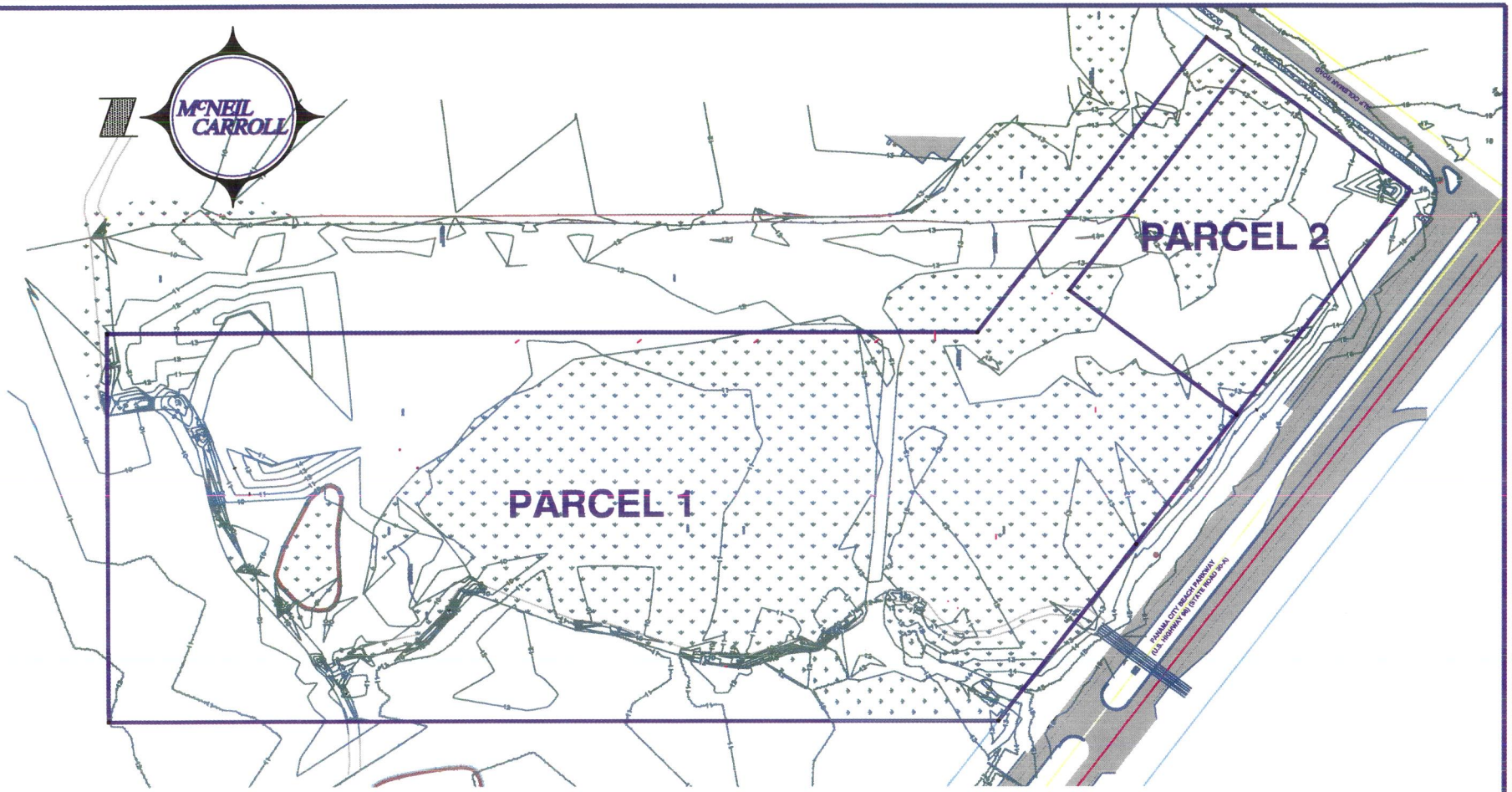
Sheet:

AERIAL MAP





TOTAL SITE = 18.38 ACRES

WETLAND AREA = 10.42 ACRES
UPLAND AREA = 7.96 ACRES

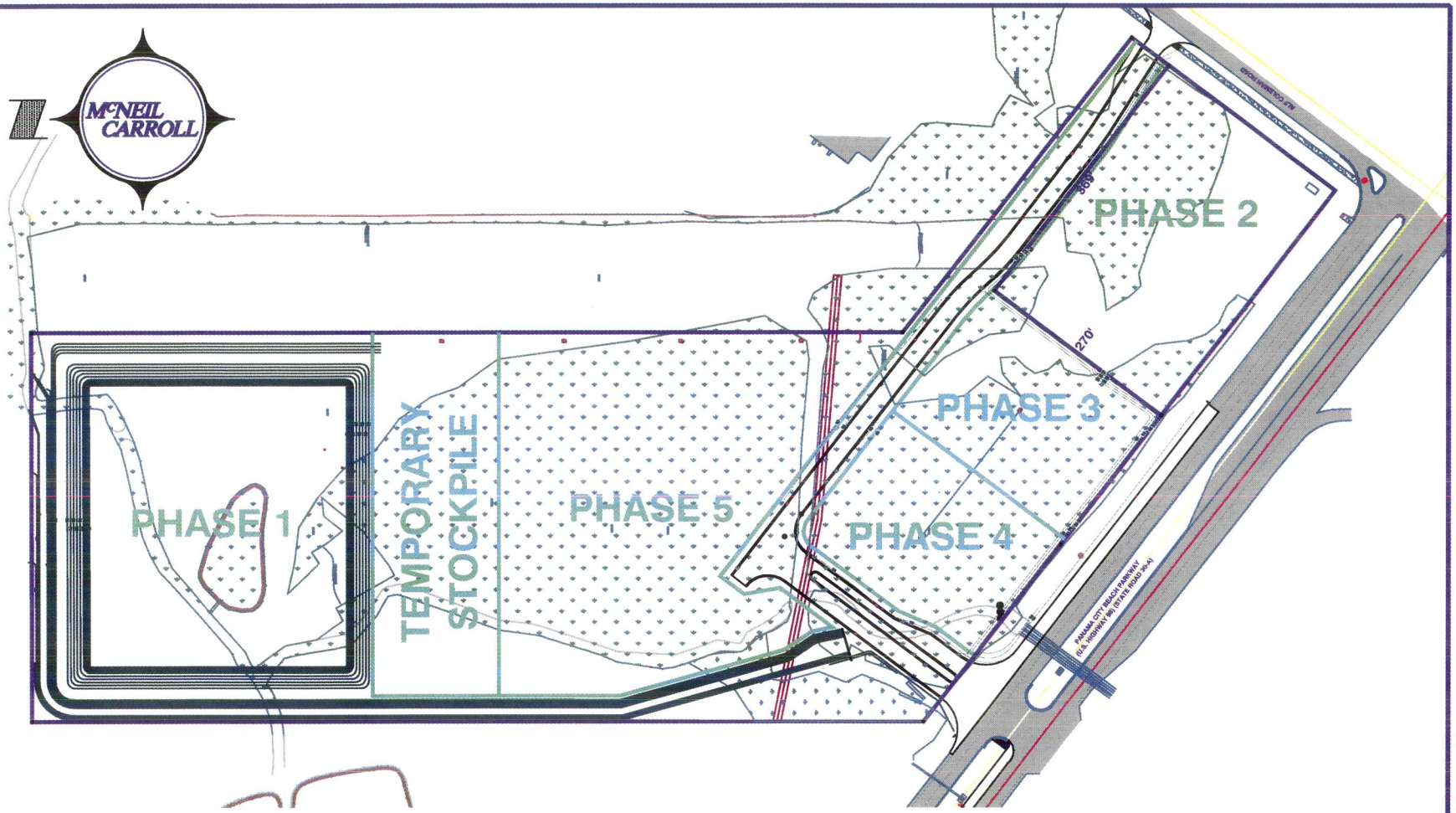
EXISTING WETLANDS

0 50 100 200
1 inch = 200 feet

Robert L. Carroll, P.E.
PROFESSIONAL ENGINEER
FL LC # 57988

SITE DREDGE AND FILL PLAN (EXISTING CONDITIONS)

McNEIL CARROLL ENGINEERING, INC.
Professional Engineering Consultants
STATE OF FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER 7285
17600 Panama City Beach Parkway
Panama City Beach, Florida 32413
Phone: 850-234-1780
Fax: 850-234-1781



PHASE 1 WETLAND IMPACT	PHASE 2 WETLAND IMPACT	PHASE 3 WETLAND IMPACT	PHASE 4 WETLAND IMPACT	PHASE 5 WETLAND IMPACT
144,369 SF	44,275 SF	45,485 SF	55,230 SF	160,049 SF
3.31 AC	1.02 AC	1.04 AC	1.27 AC	3.67 AC

0 50 100 200
1 inch = 200 feet

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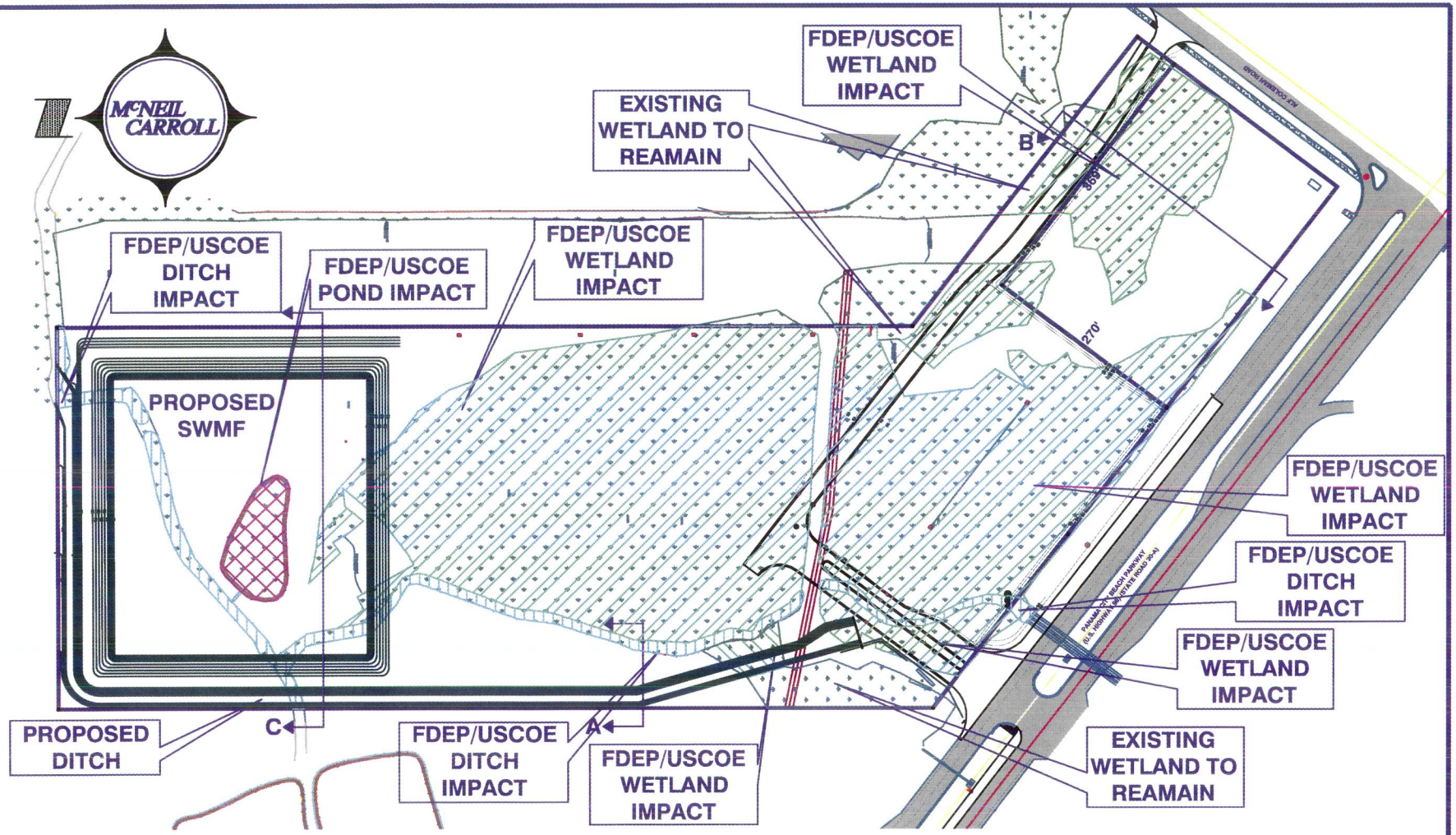
PHASING PLAN
(PROPOSED CONDITIONS)

McNEIL CARROLL ENGINEERING, INC.
Professional Engineering Consultants
17600 Panama City Beach Parkway
Panama City Beach, Florida 32413
Phone: 850-234-1780
Fax: 850-234-1781



FDEP/USCOE WETLAND IMPACT 9.10 ACRES

FDEP/USCOE DITCH IMPACT 0.57 ACRES

FDEP/USCOE POND IMPACT 0.25 ACRES

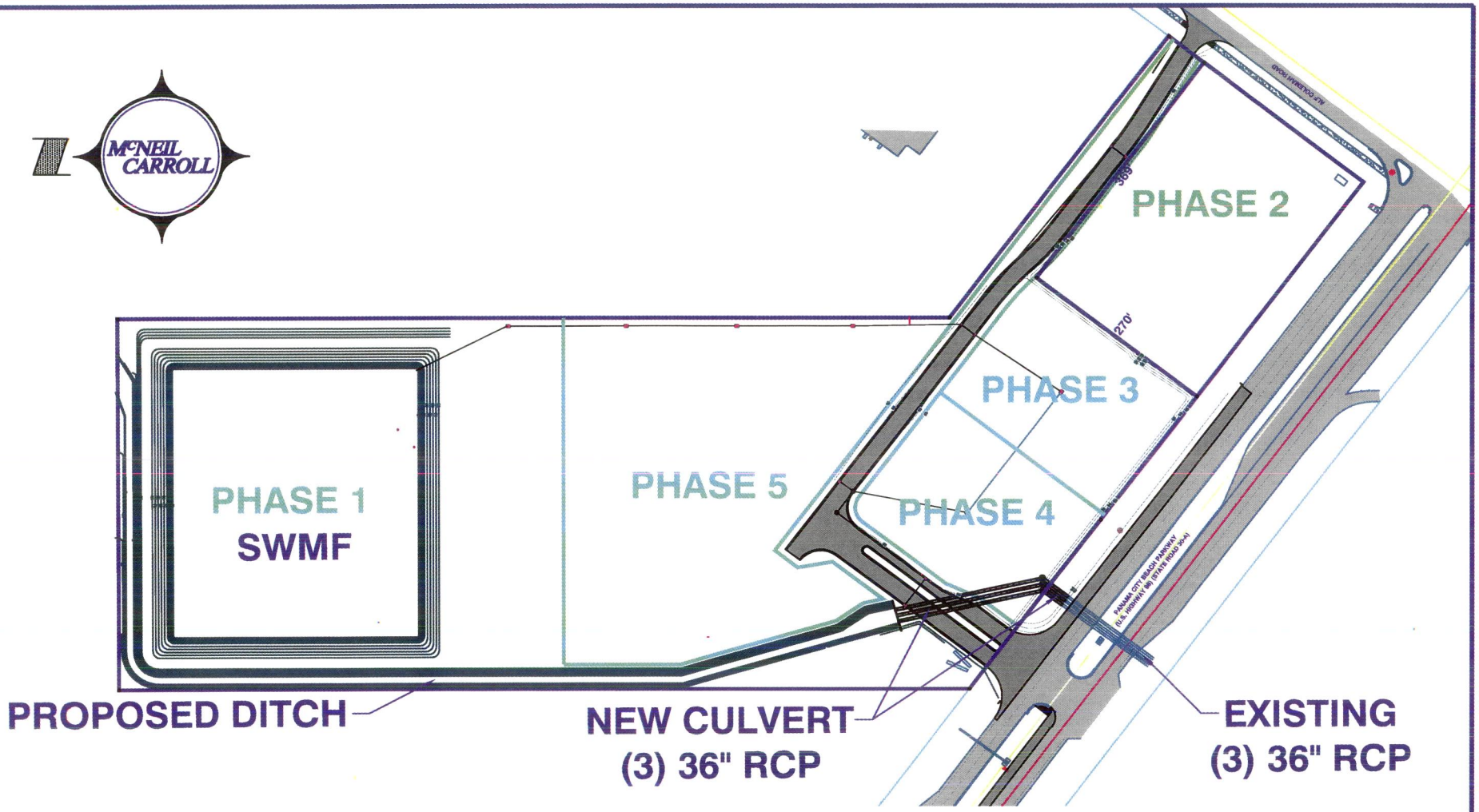
EXISTING WETLAND AREA TO REMAIN
0.50 ACRES

0 50 100 200
1 inch = 200 feet

Robert L. Carroll, P.E.
PROFESSIONAL ENGINEER
FL LC # 57988

SITE DREDGE AND FILL PLAN (PROPOSED CONDITIONS)

McNEIL CARROLL ENGINEERING, INC.
Professional Engineering Consultants
17800 Panama City Beach Parkway
Panama City Beach, Florida 32413
Phone: 850-234-1780
Fax: 850-234-1781

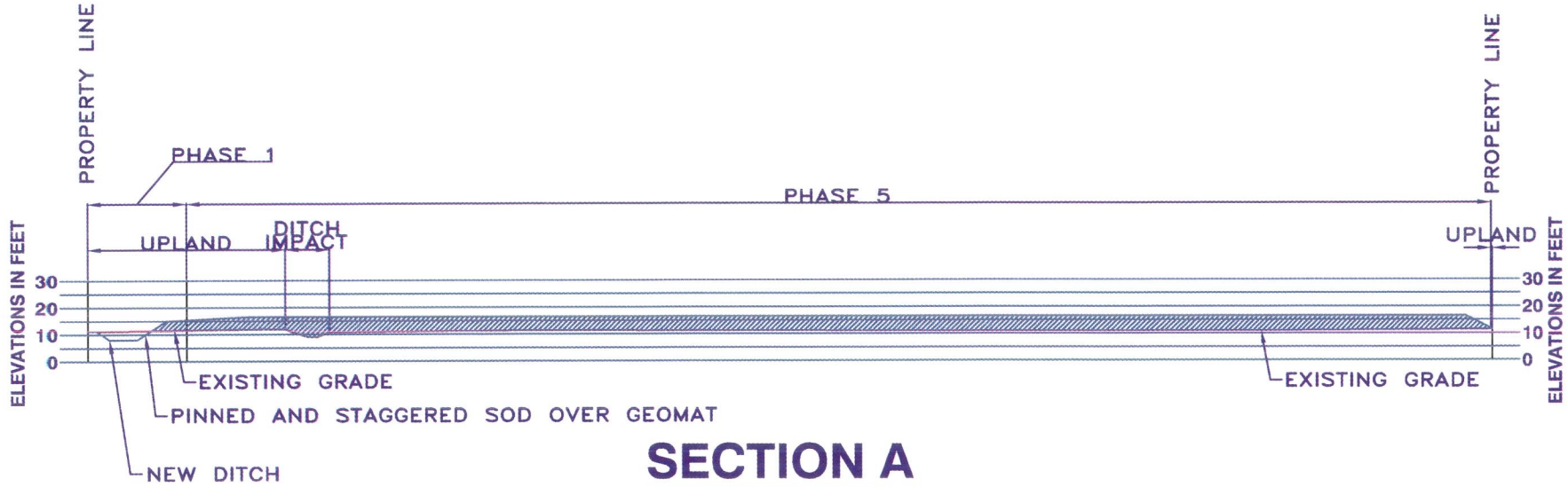


0 50 100 200
1 inch = 200 feet

Robert L. Carroll, P.E.
PROFESSIONAL ENGINEER
FL LC # 57988

SITE DREDGE AND FILL PLAN
(PROPOSED CONDITIONS AFTER FILL)

McNEIL CARROLL
ENGINEERING, INC.
Professional Engineering Consultants
17800 Panama City Beach Parkway
Panama City Beach, Florida 32413
Phone: 850-234-1780
Fax: 850-234-1781



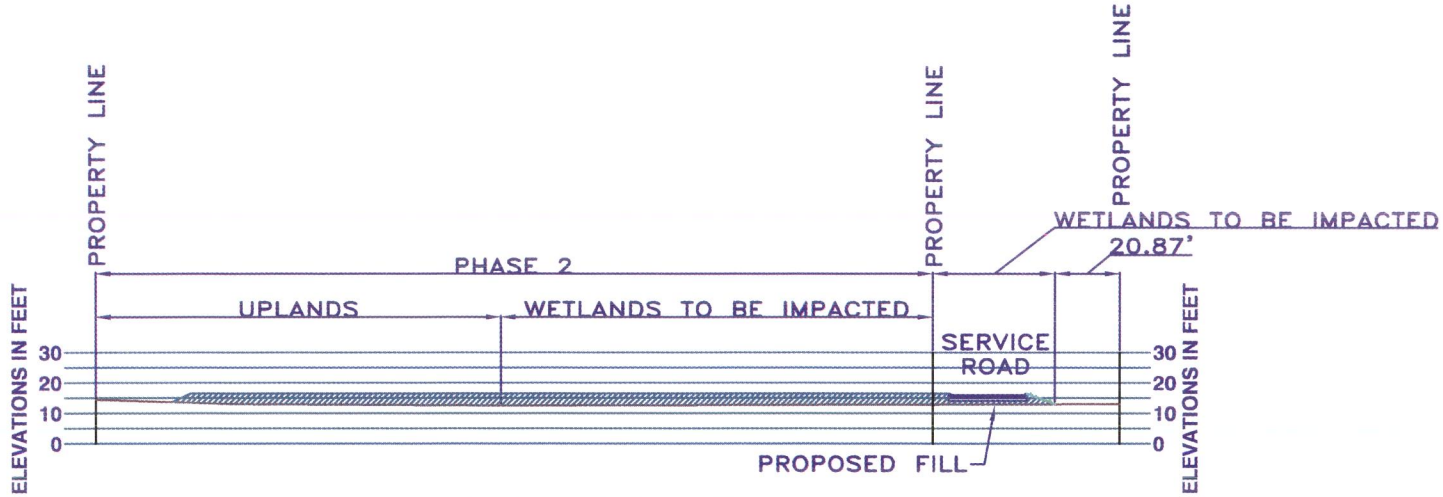
SECTION A

NOT TO SCALE

Robert L. Carroll, P.E.
PROFESSIONAL ENGINEER
FL LC # 57986

SITE DREDGE AND FILL PLAN (SECTIONS)

McNEIL CARROLL ENGINEERING, INC.
Professional Engineering Consultants
17800 Panama City Beach Parkway
Panama City Beach, Florida 32413
Phone: 850-234-1730
Fax: 850-234-1731



SECTION B

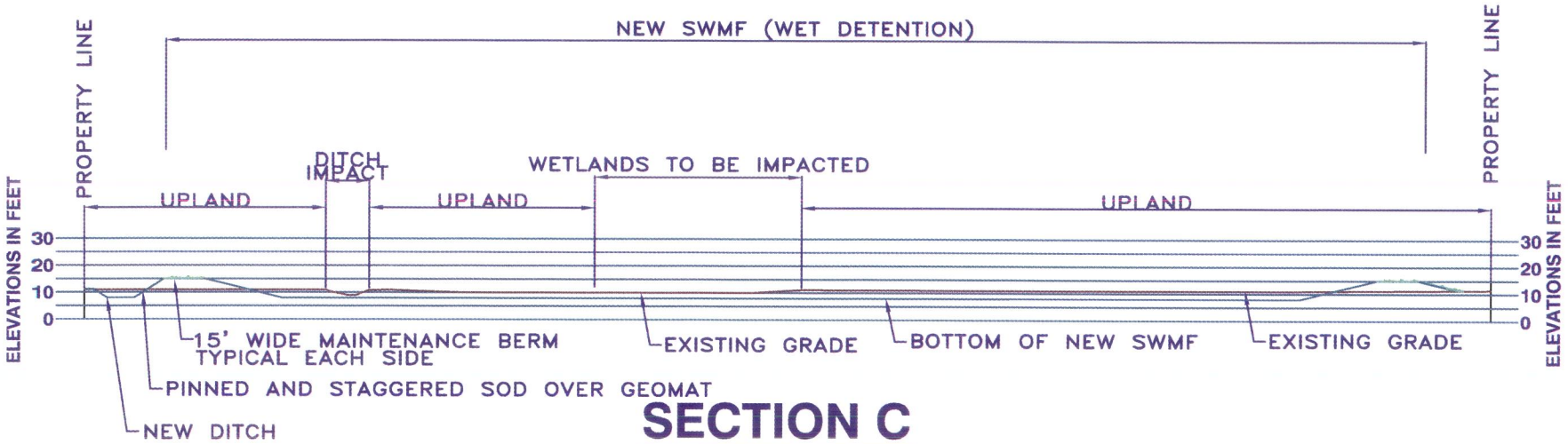
NOT TO SCALE

Robert L. Carroll, P.E.
PROFESSIONAL ENGINEER
FL LC # 57986

SITE DREDGE AND FILL PLAN (SECTIONS)

McNEIL CARROLL ENGINEERING, INC.
Professional Engineering Consultants
STATE OF FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER 7288

17800 Panama City Beach Parkway
Panama City Beach, Florida 32413
Phone: 850-234-1730
Fax: 850-234-1761



SECTION C

NOT TO SCALE

Robert L. Carroll, P.E.
PROFESSIONAL ENGINEER
FL LC # 57986

SITE DREDGE AND FILL PLAN (SECTIONS)

McNEIL CARROLL ENGINEERING, INC.
Professional Engineering Consultants
17800 Panama City Beach Parkway
Panama City Beach, Florida 32413
Phone: 850-234-1730
Fax: 850-234-1761