

## HYDROGRAPHIC (BATHYMETRIC) SURVEY FOR COCO BEACH MARINA AT ENSENADA COMEZON (COMEZON COVE) LOCATED AT STATE ROAD PR-968 (B AVENUE), COCO BEACH RESORT MUNICIPALITY OF RIO GRANDE, PUERTO RICO.



**INDEX :**

SHEET NO.	DESCRIPTION
VF-1	TITLE, LOCATION PLAN, LEGEND AND GENERAL NOTES
VF-2	GENERAL SITE PLAN
VF-3 @ VF-9	HYDROGRAPHIC (BATHYMETRIC) SURVEY

**LEGEND:**

2907-1	CONTROL STATION	NIU	NOT IN USE POLE
-5.45	SPOT ELEVATIONS (DEPTH BELOW MLW)	CAM	CABLE TV POLE
—	CONTOUR INTERVAL EVERY 1.0 METER	☼	METAL LIGHT POLE
—	CONTOUR INTERVAL EVERY 0.5 METER	○	CONCRETE POWER POLE
▨	EXISTING STRUCTURES	—○—	CHAIN LINK FENCE
⊙	NAV AID (AID TO NAVIGATION)		

- NOTES:**
- ALL DISTANCES ARE EXPRESSED IN METERS, UNLESS OTHERWISE NOTED.
  - FIELDMETHOD PERFORMED FROM SEPTEMBER 8 THRU 26, 2016.
  - HORIZONTAL CONTROLS ARE REFERRED TO NAD 83 (2011) PA115M(11) EPOCH 2010.010.
  - VERTICAL DATUM IS REFERRED TO MEAN LOW WATER LEVEL.
  - PLEASE REFER TO SURVEY JEB-2907.
  - EQUIPMENT UTILIZED FOR THIS SURVEY:
    - A) VESSELS: CACHARO AND SURVEYOR 5
    - B) ECHO SOUNDER: SONARANTE ECHO SOUNDER SINGLE FREQUENCY
    - C) POSITIONING: TRIMBLE R6 GPS RECEIVERS, RTK TIE-ADJUSTMENT
    - D) SOFTWARE: TRIMBLE ACCESS VERSION 2014.11, CARLSON 2007, HYPACK 2015.
  - THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULT OF THE SURVEY MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS AN INDICATION OF THE GENERAL CONDITIONS EXISTING AT THAT TIME.

**HYDROGRAPHIC DATA NOTES:**

A.	DATUM: MEAN LOW WATER (MLW).
B.	UNITS: METERS
C.	GRAPHIC DIFFERENCE BETWEEN MEAN SEA LEVEL & MEAN LOW WATER.
	— MEAN HIGH WATER
	0.168 METERS
	— MEAN SEA LEVEL
	0.171 METERS
	— MEAN LOW WATER (MLW)
D.	LEGEND: + -3.45 DEPTH BELOW MLW.

**JAVIER E. BIDOT**  
**ASSOCIATES, PSC**  
**Land Surveyors & Consultants**

16 Cledova St., Terrabona 1 Caguas, PR 00727  
Phone: (787)766-5486 Fax: (787)764-6215  
www.jebidot.com

IDENTIFY CORRECT	
PROJECT: JEB-2907	DWG. No. VF-1
CHECKED BY: JEBIDOT	SHEET No. 1
DRAWING BY: JEB	
DATE: SEP 28, 2016	

FILE NAME : 2907 - TITLE

PLOT DATE : SEPT 28, 2016

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 IMAGE USGS FIDUCIALS  
 IMAGE US GEOLOGICAL SURVEY  
 IMAGE © 2016 DIGITALGLOBE  
 DATE: NOVEMBER 29, 2006



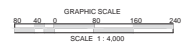
NO.	DESCRIPTION	BY	DATE



HYDROGRAPHIC (BATHYMETRIC) SURVEY  
 FOR COCO BEACH MARINA AT ENSENADA COMEZON (COMEZON COVE)  
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 MUNICIPALITY OF RIO GRANDE, PUERTO RICO

HORIZONTAL AND VERTICAL CONTROLS				
STA	COORDINATES		ELEVATION	DESCRIPTION
	NORTHING	EASTING		
2907-1	263,971,099	267,968,282	2.63	BRONZE DISK
2907-2	263,726,385	266,952,111	1.630	BRONZE DISK
2907-3	263,680,317	266,959,952	1.624	BRONZE DISK

**GENERAL SITE PLAN**  
 SCALE 1 : 3,000  
 FOR LEGEND AND GENERAL NOTES SEE SHEET NO. VF-1



DRAWING TITLE  
**GENERAL SITE PLAN**  
 SCALE: 1 : 4,000  
 PROJECT: 03-2907  
 SHEET NO. 7  
 SHEET TOTAL 7  
 DRAWN BY: JEB  
 CHECKED BY: JEB  
 DATE: SEP 28, 2004  
 PLOTTED: 10/1/04

PLOT DATE: SEP 28, 2006

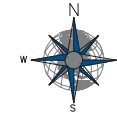
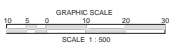
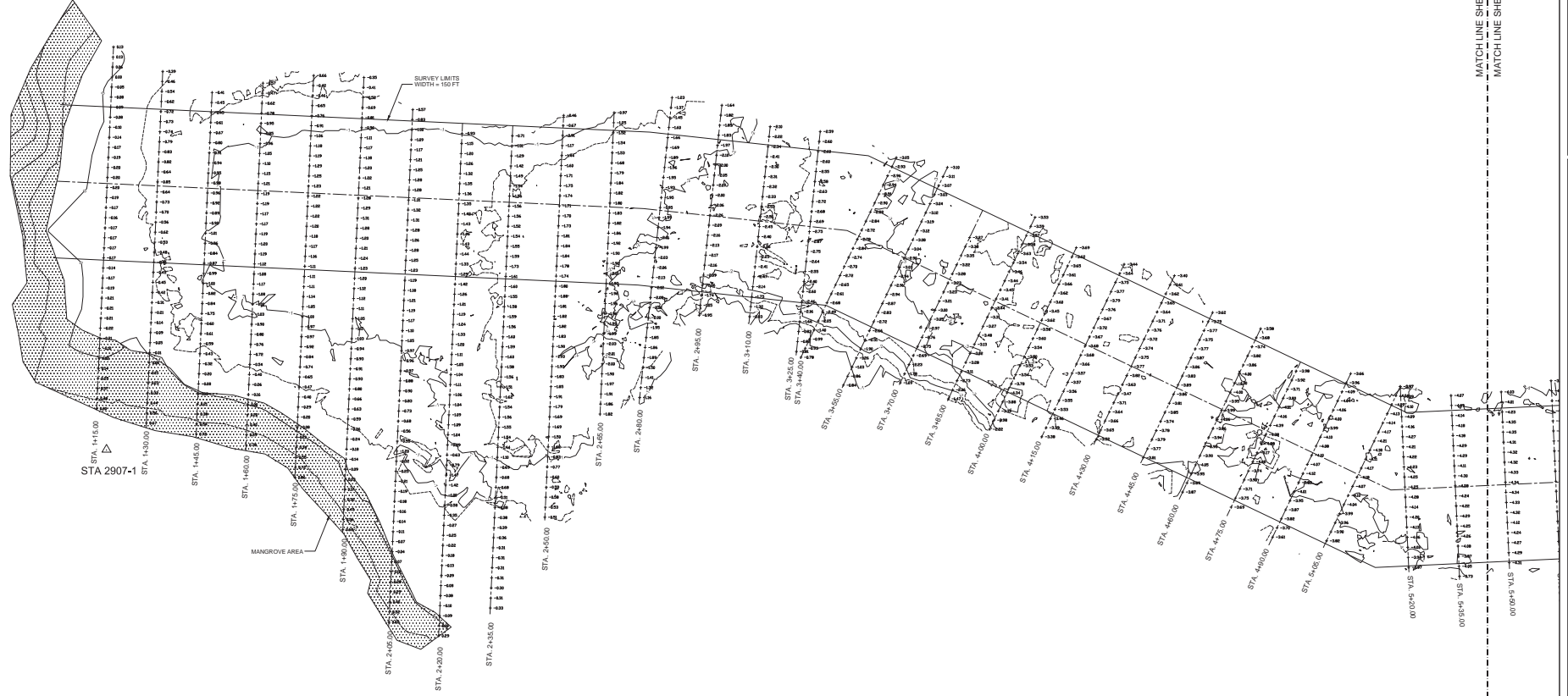


PLOT DATE: 10/25/2016

# HYDROGRAPHIC SURVEY

SCALE 1 : 500

FOR LEGEND AND GENERAL NOTES SEE SHEET NO. VF-1



MATCH LINE SHEET NO. VF-3  
MATCH LINE SHEET NO. VF-4

PROJECT	201-2907	DWG. NO.	VF-3
DRAWN BY	JEB	SHEET NO.	3
CHECKED BY	JEB	DRAWING DATE	SEP 28, 2016
DATE	SEP 28, 2016		

DRAWING TITLE  
**HYDROGRAPHIC SURVEY**

SCALE: 1 : 500  
PROJECT: 201-2907  
DRAWING NO.: VF-3  
SHEET NO.: 3  
DRAWING DATE: SEP 28, 2016  
DATE: SEP 28, 2016

**HYDROGRAPHIC (BATHYMETRIC) SURVEY**  
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NO.	DESCRIPTION	BY	DATE

FILE NAME: 201-2907-VF3

FILE NAME: 201-2907-VF3

PLOT DATE : SEP 28, 2006

# HYDROGRAPHIC SURVEY

SCALE 1 : 500

FOR LEGEND AND GENERAL NOTES SEE SHEET NO. VF-1



NO.	DESCRIPTION	BY	DATE

REVISIONS

**JAVIER E. BIDOT ASSOCIATES, P.C.**  
 Surveyors and Engineers  
 Puerto Rico Board of Surveyors and Engineers License No. 2006-000010001

**HYDROGRAPHIC (BATHYMETRIC) SURVEY**  
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**LOCATED AT STATE ROAD PR-968 (B AVENUE ) COCO BEACH RESORT**  
 MUNICIPALITY OF RIO GRANDE, PUERTO RICO

**JAVIER E. BIDOT ONLY**  
 License No. 2006-000010001

DRAWING TITLE			
HYDROGRAPHIC SURVEY			
SCALE: 1 : 500	PROJECT NO: 2007	DWG. NO: VF-4	SHEET NO: 4
DATE: SEP 28, 2006	BY: JEB	CHECKED BY: JEB	SCALE: 1:500

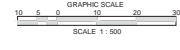
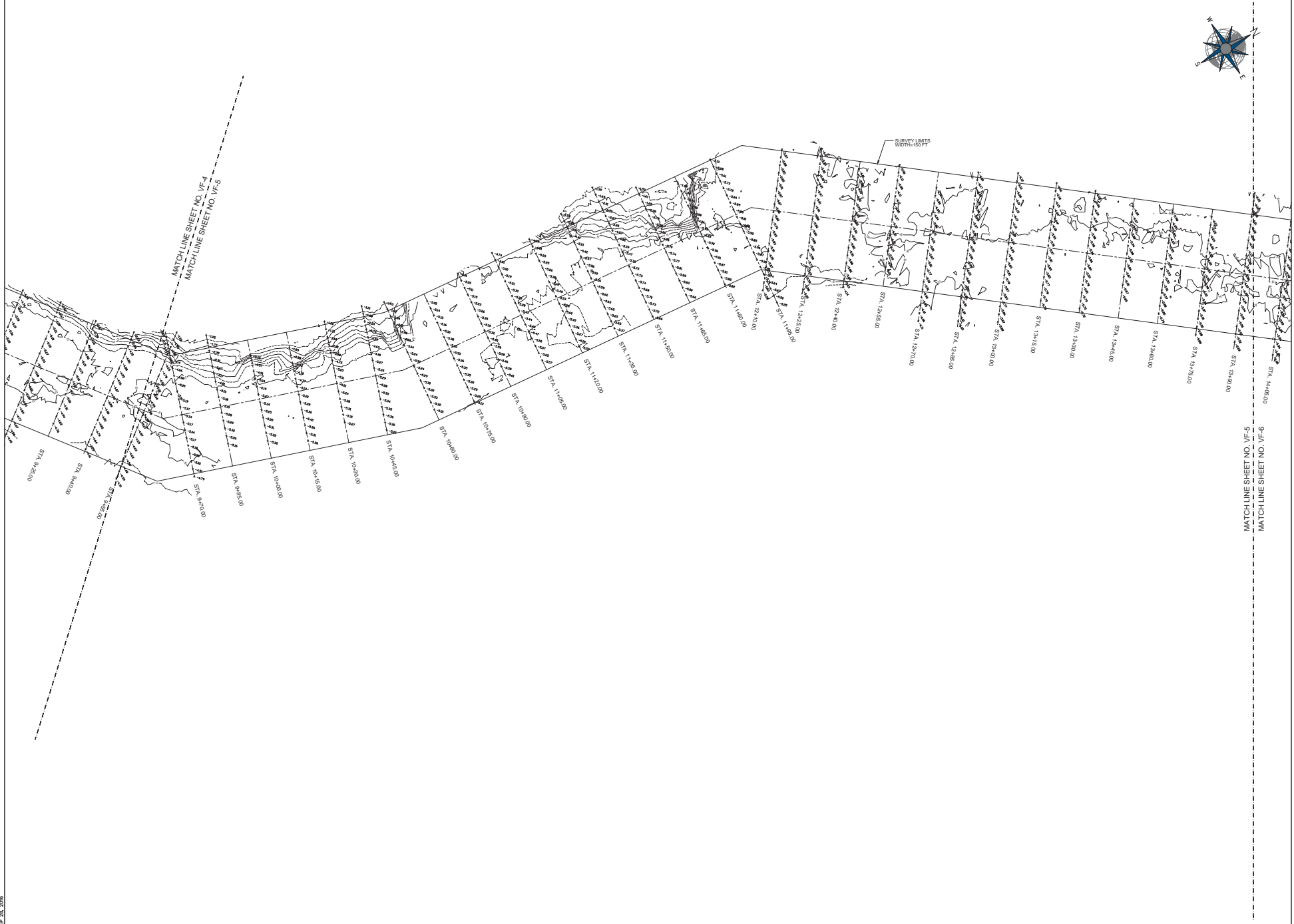
PLOT SCALE: 1:500

PLOT DATE : SEP 28, 2006

# HYDROGRAPHIC SURVEY

SCALE 1 : 500

FOR LEGEND AND GENERAL NOTES SEE SHEET NO. VF-1



NO.	DESCRIPTION	BY	DATE

**HYDROGRAPHIC (BATHYMETRIC) SURVEY**  
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**LOCATED AT STATE ROAD PR-968 (B AVENUE ), COCO BEACH RESORT**  
**MUNICIPALITY OF RIO GRANDE, PUERTO RICO**

**DRAWING TITLE**  
 HYDROGRAPHIC SURVEY

SCALE: 1 : 500	DATE: SEP 28, 2006
PROJECT: 03-2907	DWG. NO.: VF-5
DRAWN BY: JEB	CHECKED BY: JEB
GRAPHIC DATE: 5	DATE: SEP 28, 2006
DATE: SEP 28, 2006	DATE: SEP 28, 2006

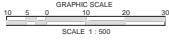
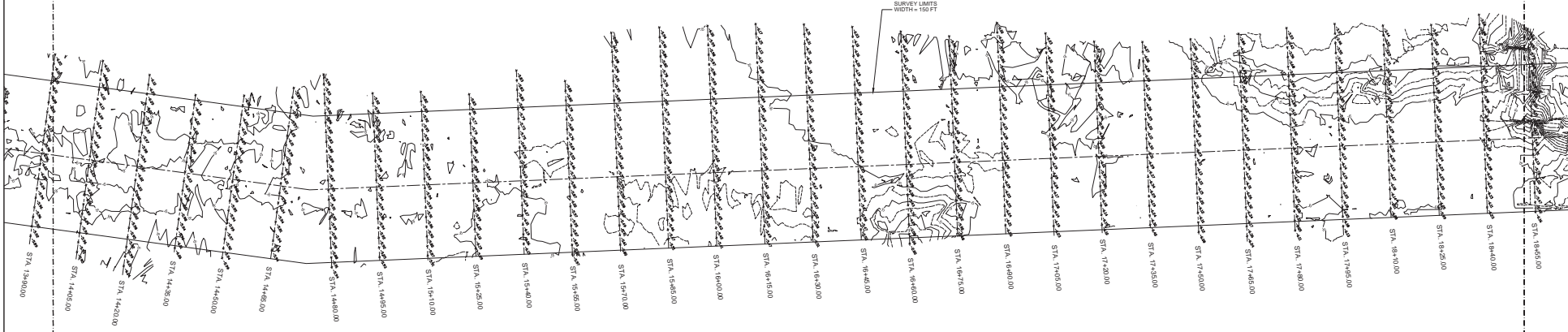
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# HYDROGRAPHIC SURVEY

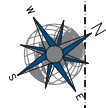
SCALE 1 : 500

FOR LEGEND AND GENERAL NOTES SEE SHEET NO. VF-1

MATCH LINE SHEET NO. VF-5  
MATCH LINE SHEET NO. VF-6



MATCH LINE SHEET NO. VF-6  
MATCH LINE SHEET NO. VF-7



DRAWING TITLE	
HYDROGRAPHIC SURVEY	
PROJECT	NO. VF-5
DATE	SEP 28, 2006
SCALE	1 : 500

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HYDROGRAPHIC (BATHYMETRIC) SURVEY  
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LOCATED AT STATE ROAD PR-968 (B AVENUE), COCO BEACH RESORT  
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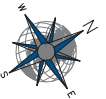
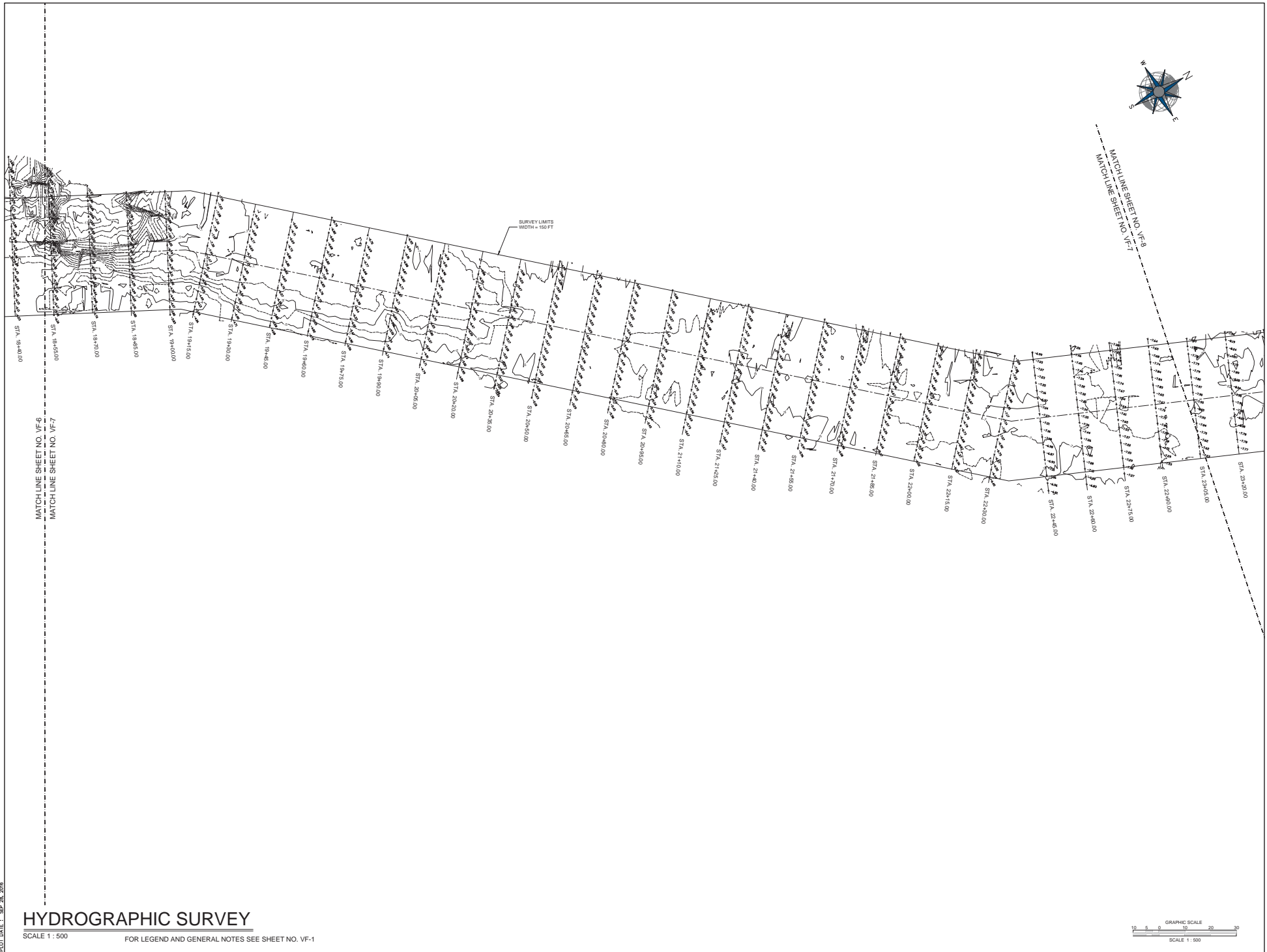
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PLOT DATE : SEP 28, 2006

# HYDROGRAPHIC SURVEY

SCALE 1 : 500

FOR LEGEND AND GENERAL NOTES SEE SHEET NO. VF-1



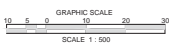
NO.	DESCRIPTION	BY	DATE

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**JAVIER E. BIDOT**  
 PE 10000  
 10/28/06

DRAWING TITLE	
HYDROGRAPHIC SURVEY	
PROJECT	NO. 2907
DRAWING NO.	VF-7
DATE	SEP 28, 2006
SCALE	1 : 500
SHEET NO.	7
TOTAL SHEETS	7
DATE	SEP 28, 2006



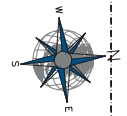
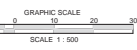
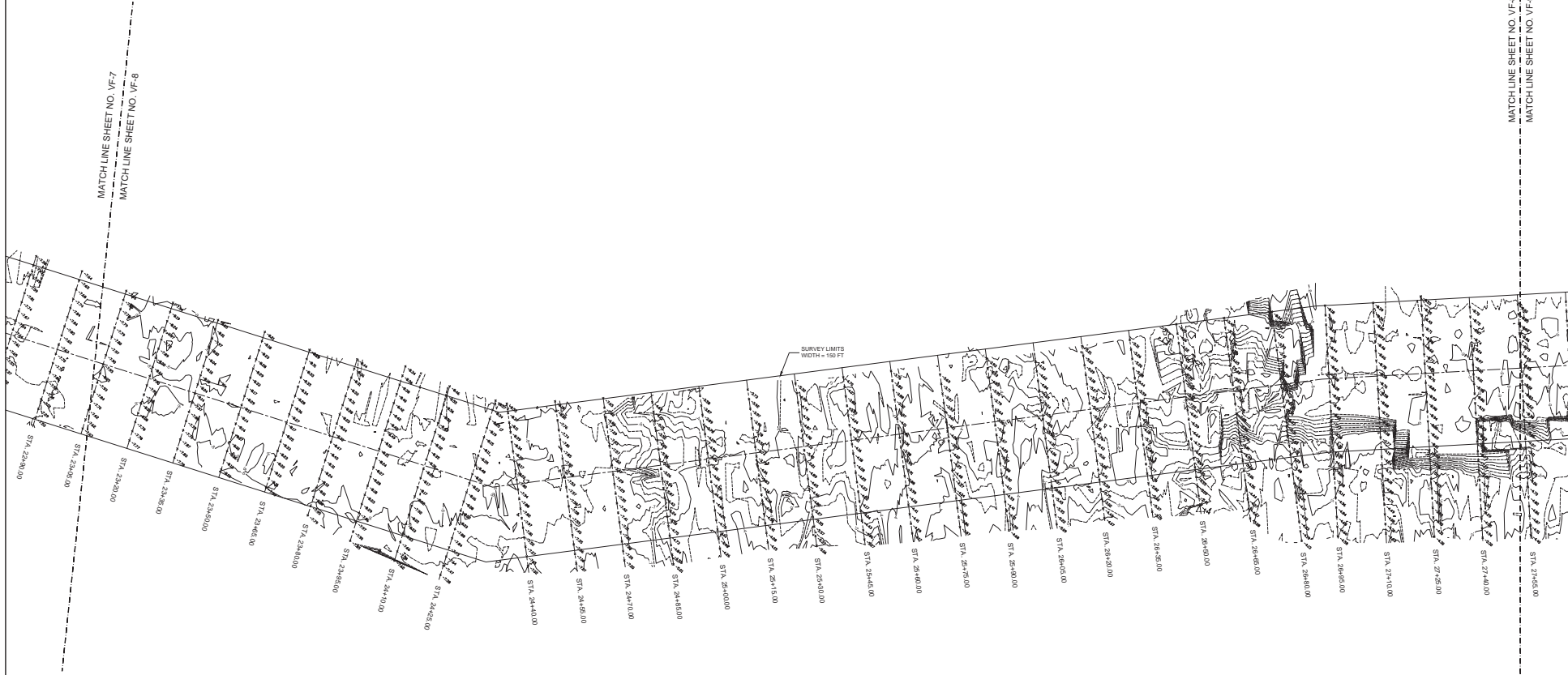
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PLOT DATE : SEP 28, 2004

# HYDROGRAPHIC SURVEY

SCALE 1 : 500

FOR LEGEND AND GENERAL NOTES SEE SHEET NO. VF-1



MATCH LINE SHEET NO. VF-8  
 MATCH LINE SHEET NO. VF-9

DRAWING TITLE

HYDROGRAPHIC SURVEY

SCALE: 1 : 500	DATE: SEP 28, 2004
PROJECT: 03-2907	SHEET NO. 8
DRAWN BY: JEB	DATE: SEP 28, 2004

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 Surveyor License No. 10770-0001

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NO.	DESCRIPTION	BY	DATE

FILE NAME: 0304-2907-08

SCALE: 1:500



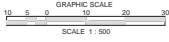
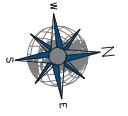
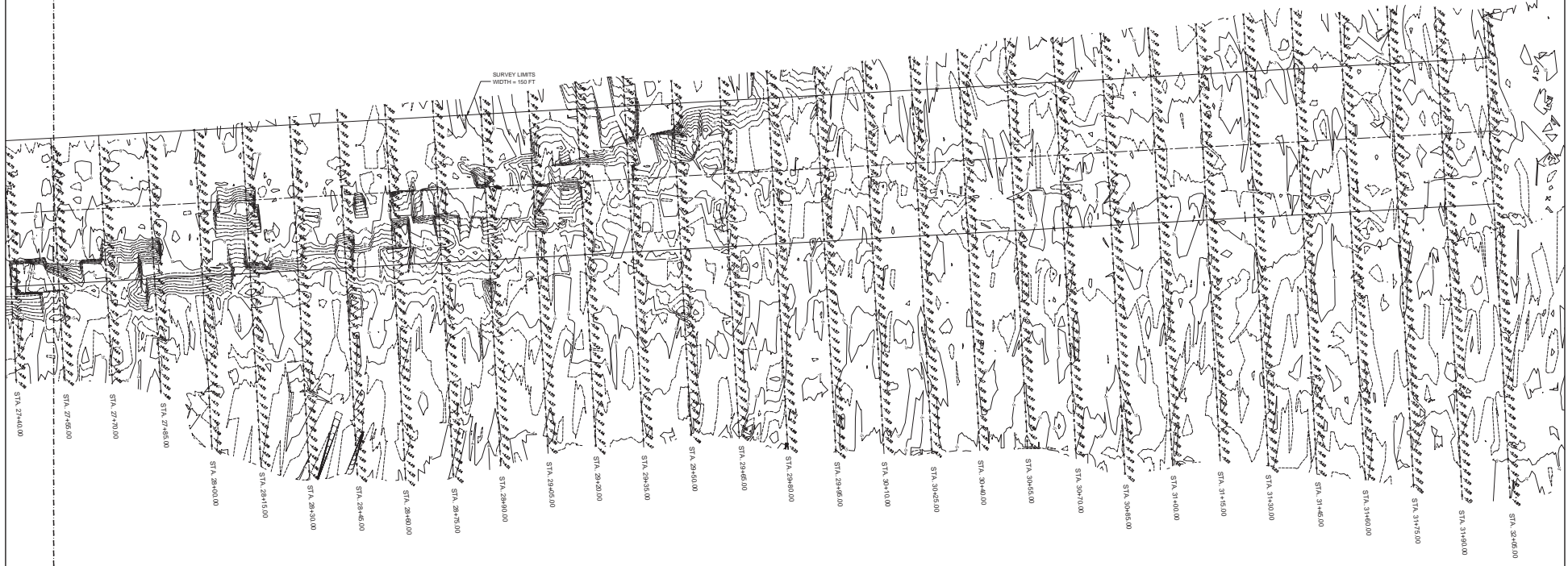
PLOT DATE : SEP 28, 2006

# HYDROGRAPHIC SURVEY

SCALE 1 : 500

FOR LEGEND AND GENERAL NOTES SEE SHEET NO. VF-1

MATCH LINE SHEET NO. VF-8  
MATCH LINE SHEET NO. VF-9



NO.	DESCRIPTION	BY	DATE

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Exp. 12/31/2008

PROJECT	NO. 2907	SHEET	9
DRAWN BY	JEB	CHECKED BY	JEB
DATE	SEP 28, 2006	SCALE	1:500

PLOT SCALE: 1:500