

**BRIDGE HARBOR INLET**

**BUCHANAN & HARPER, INC.**

ENGINEERING ~ PLANNING ~ SURVEYING ~ LANDSCAPE ARCHITECTURE  
 735 WEST 11TH STREET ~ PANAMA CITY, FLORIDA 32401 ~ COA NO. 2312

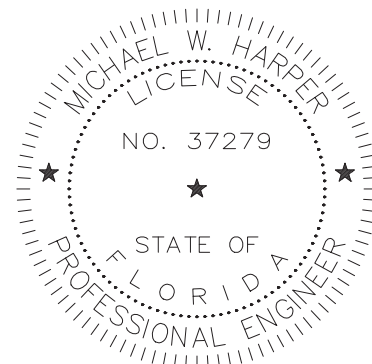
COUNTY: **BAY**  
 STATE: **FLORIDA**

DATUM: **N/A**  
 JOB NO: **9217**

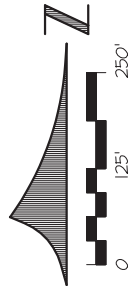
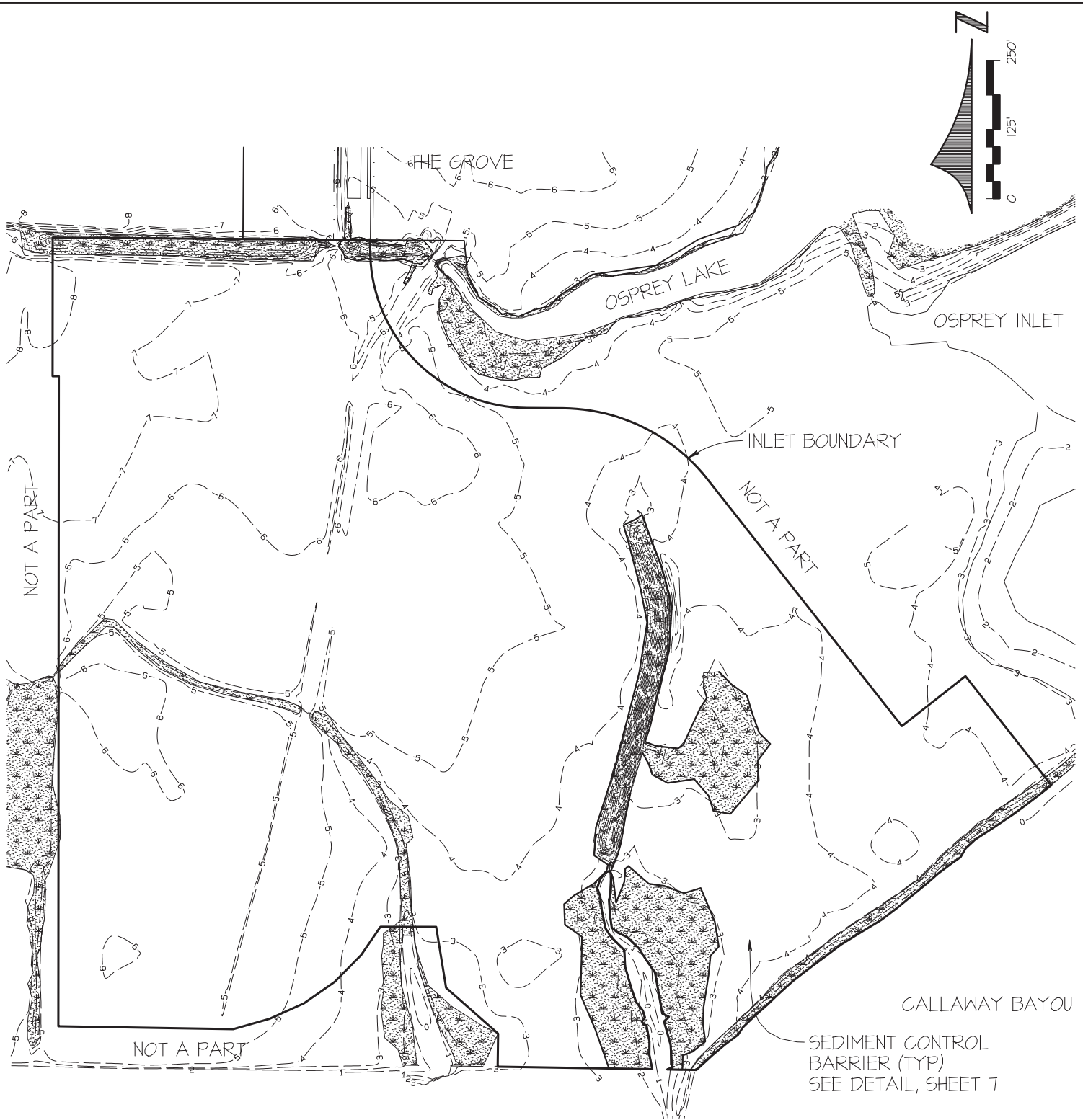
HSCALE: **NTS**  
 VSCALE: **NTS**

DATE: **6/6/2017**  
 EXHIBIT: **1 OF 8**



**LOCATION MAP**  
**BRIDGE HARBOR INLET**



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**AREAS SUMMARY TABLE**

	DESCRIPTION
	BRIDGE HARBOR INLET PROJECT SITE (40.59 ACRES)
	WETLANDS (3.90 ACRES)

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 735 WEST 11TH STREET ~ PANAMA CITY, FLORIDA 32401 ~ COA NO. 2372

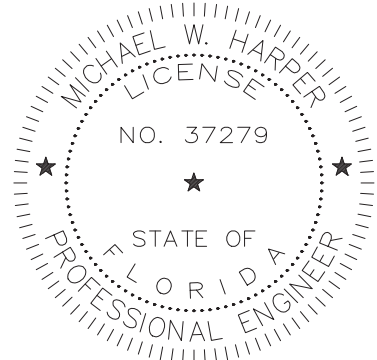
COUNTY: BAY  
 STATE: FLORIDA

DATUM: N/A  
 JOB NO: 9217

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 VSCALE: NTS

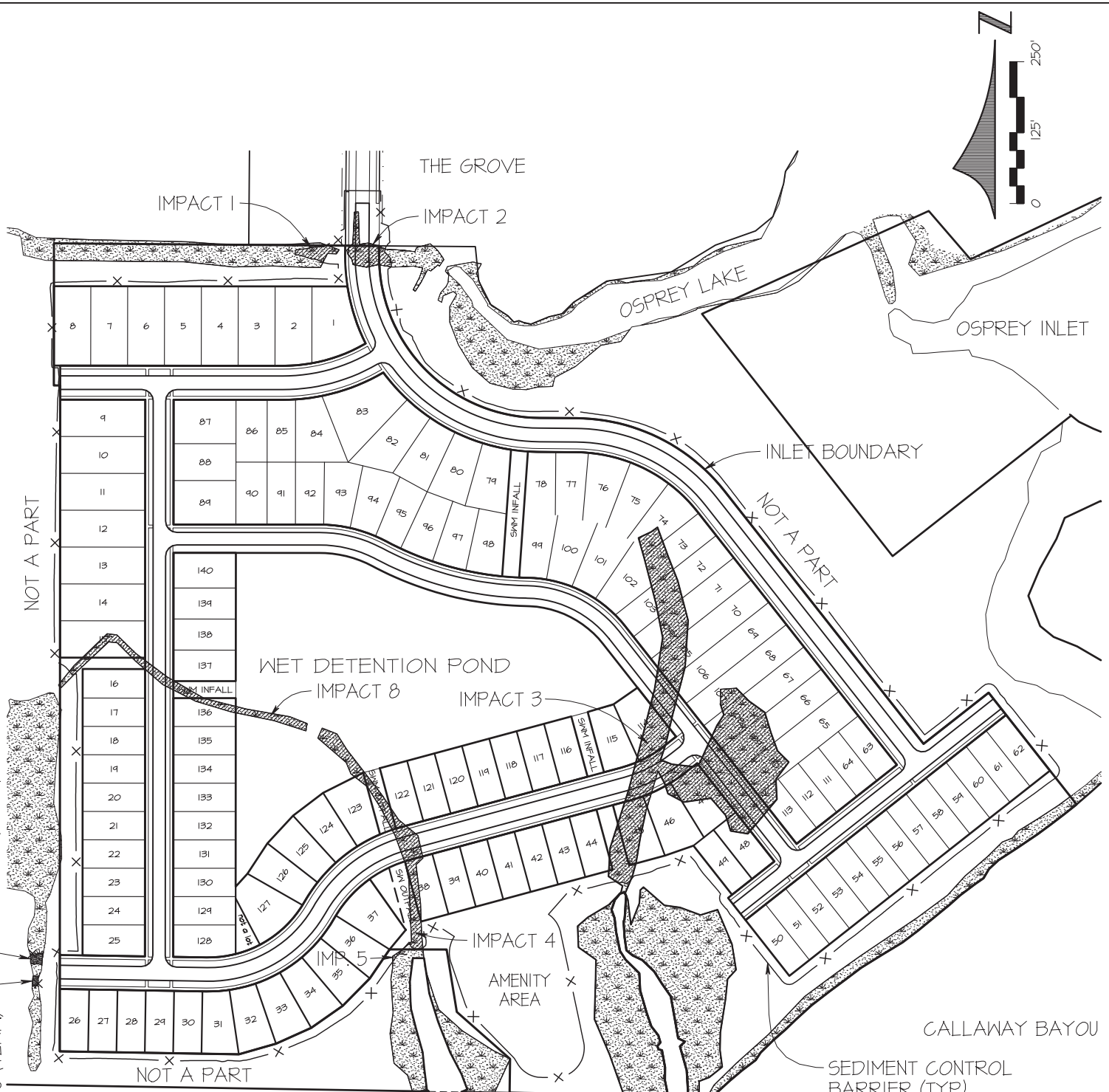
DATE: 6/6/2017  
 EXHIBIT: 2 OF 8

**EXISTING CONDITIONS  
 BRIDGE HARBOR INLET**



6/6/2017, 13:11:59





**AREAS SUMMARY**

	DESCRIPTION
	BRIDGE HARBOR INLET (40.59 ACRES)
	WETLANDS (3.90 ACRES)
	WETLAND IMPACTS (1.73 ACRES)
	TEMP. IMPACTS (0.01 AC, 574 SF)

**IMPACT SUMMARY**

IMP. #	AREA	CUT	FILL
1	0.03 AC (1229 SF)	76 CY	0 CY
2	0.07 AC (2994 SF)	0 CY	709 CY
3	1.30 AC (56427 SF)	1 CY	13566 CY
4	0.20 AC (8851 SF)	606 CY	1090 CY
5	0.00 AC (78 SF)	0 CY	0.5 CY
6	0.00 AC (174 SF)	15 CY	0 CY
7	0.01 AC (400 SF)	39 CY	0 CY
8	0.13 AC (5722 SF)	507 CY	503 CY

SEDIMENT CONTROL BARRIER (TYP)  
SEE DETAIL, SHEET 7

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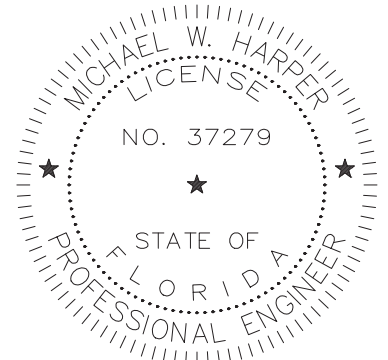
**SITE PLAN  
BRIDGE HARBOR INLET**

COUNTY: BAY  
STATE: FLORIDA

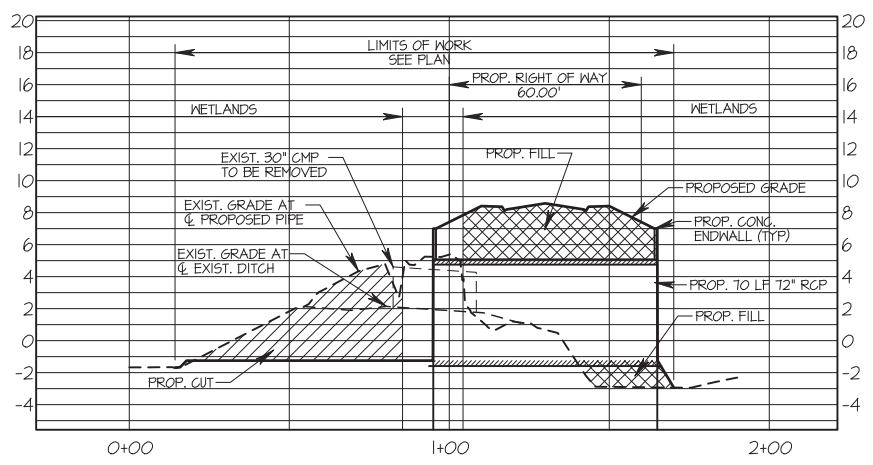
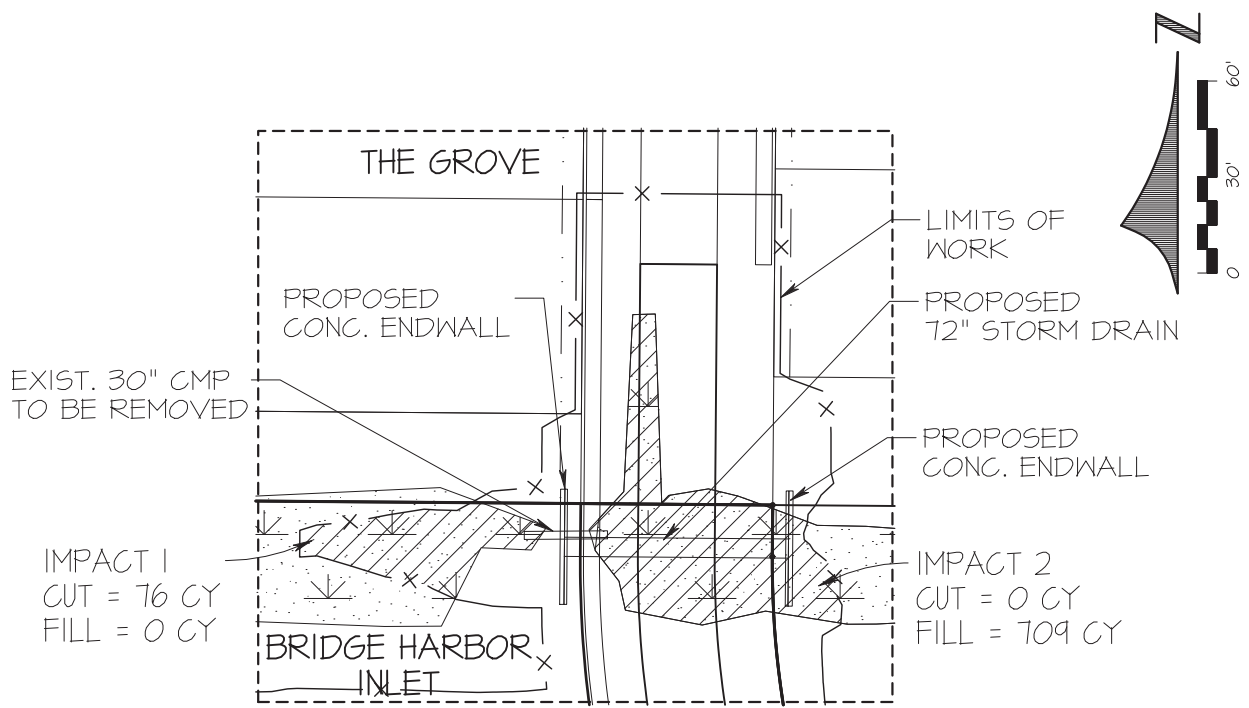
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JOB NO: 9217

HSCALE: 1" = 250'  
VSCALE: NTS

DATE: 6/6/2017  
EXHIBIT: 3 OF 8



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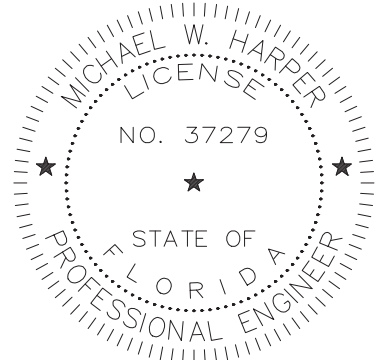
COUNTY: BAY  
 STATE: FLORIDA

DATUM: N/A  
 JOB NO: 9217

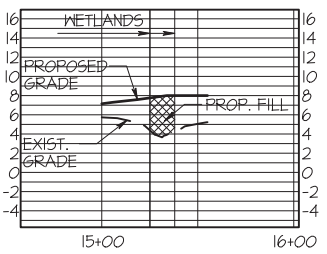
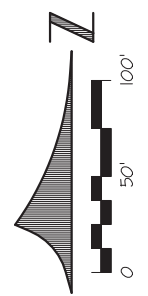
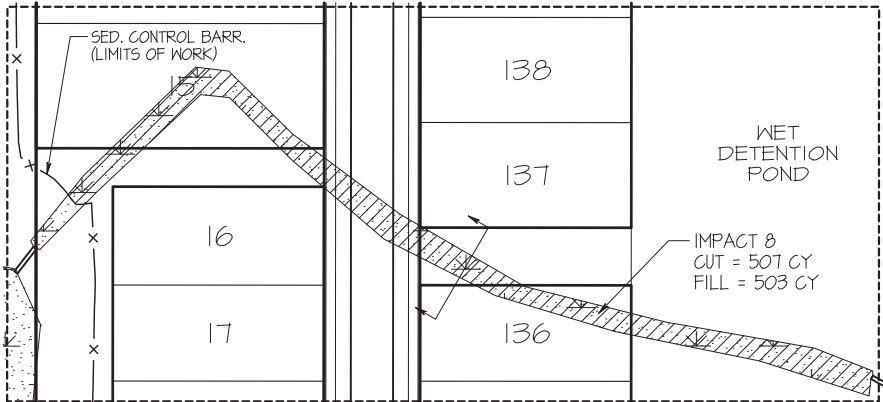
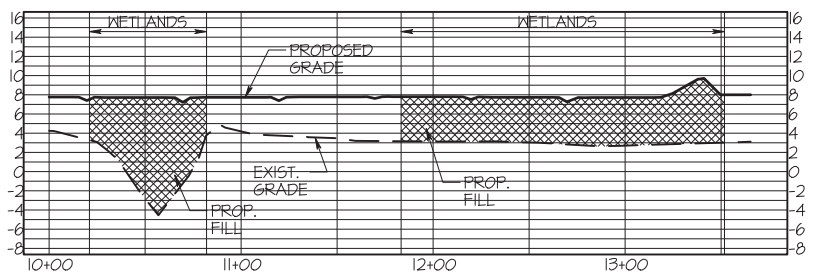
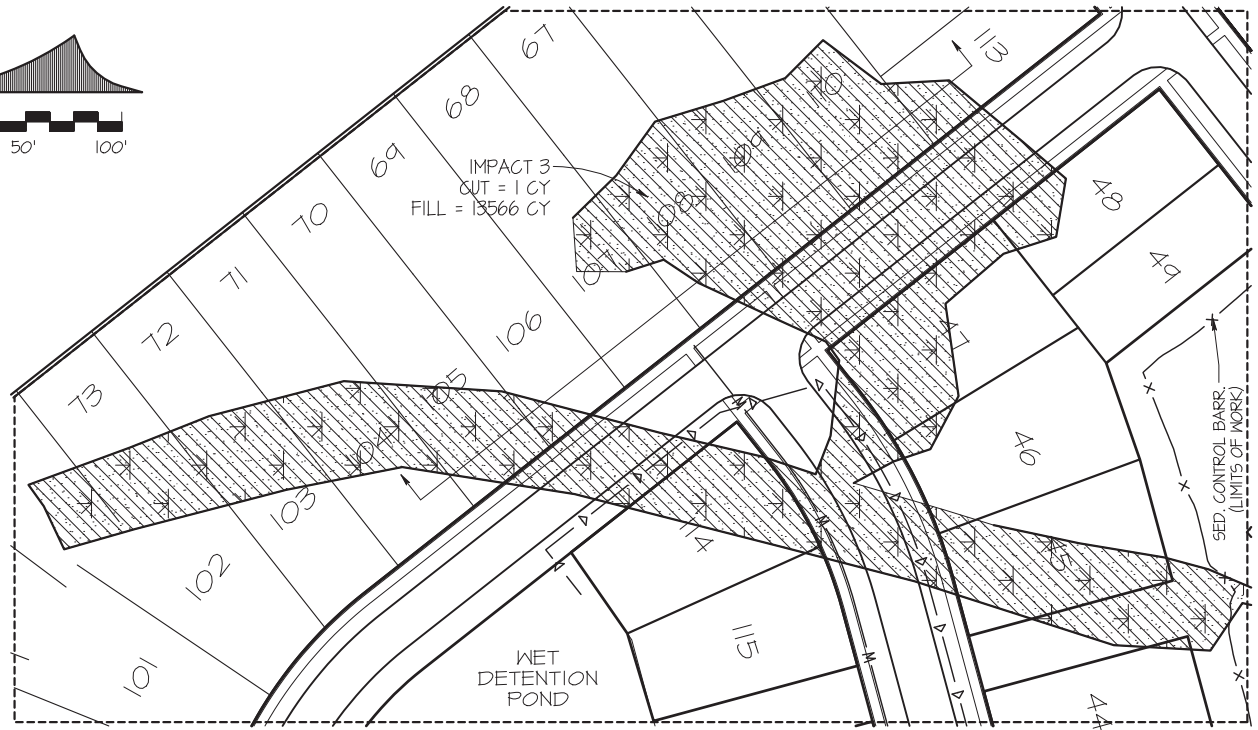
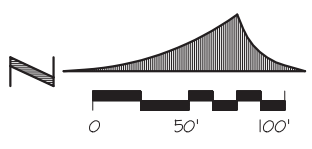
HSCALE: 1" = 60'  
 VSCALE: 1" = 12'

DATE: 6/16/2017  
 EXHIBIT: 4 OF 8

**IMPACTS 1 & 2 DETAIL**  
**BRIDGE HARBOR INLET**



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735 WEST 11TH STREET ~ PANAMA CITY, FLORIDA 32401 ~ COA NO. 2372

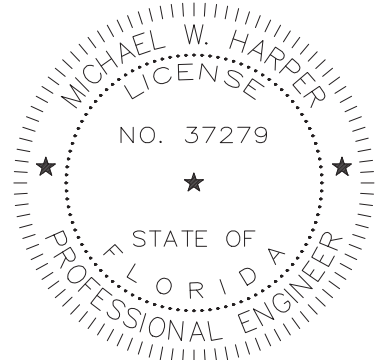
**IMPACTS 3 & 8 DETAILS**  
**BRIDGE HARBOR INLET**

COUNTY: BAY  
STATE: FLORIDA

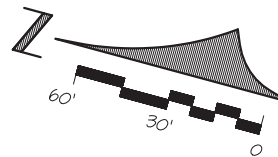
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JOB NO: 9217

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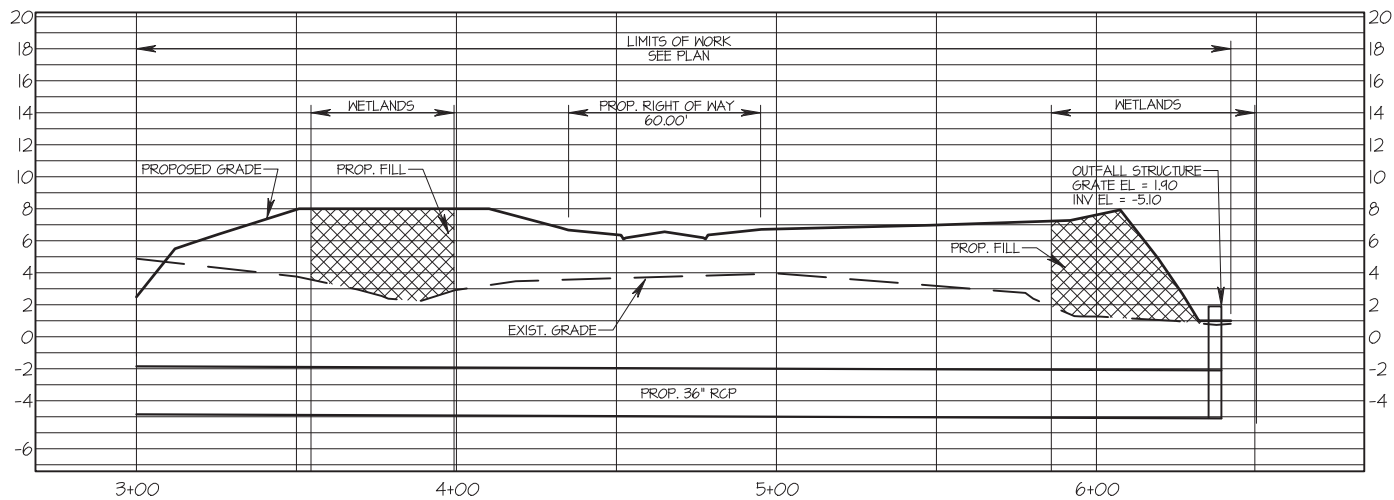
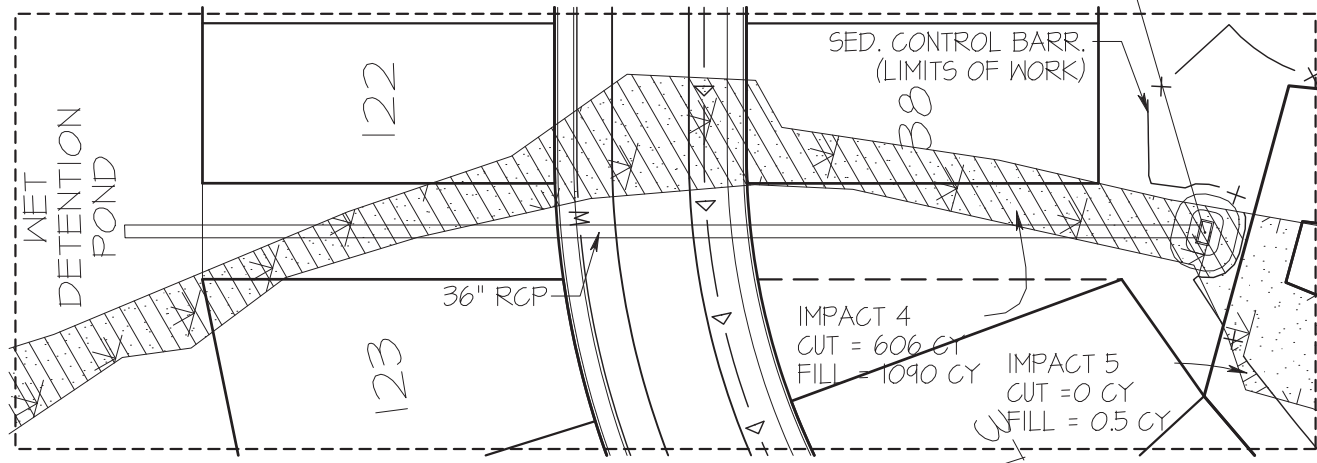
DATE: 6/6/2017  
EXHIBIT: 5 OF 8



6/6/2017, 13:30:50



OUTFALL BUBBLER STRUCTURE  
 TYPE H (6'-7x3') GRATE INLET W/RS&G GRATES  
 GRATE EL = 1.90  
 IE = -5.10



6/6/2017, 13:37:13

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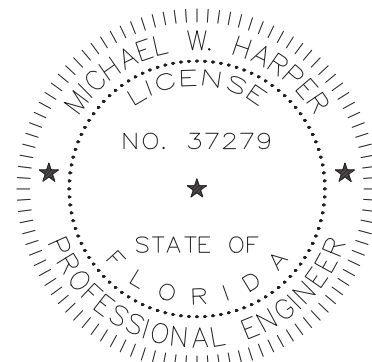
**IMPACTS 4 & 5 DETAIL**  
**BRIDGE HARBOR INLET**

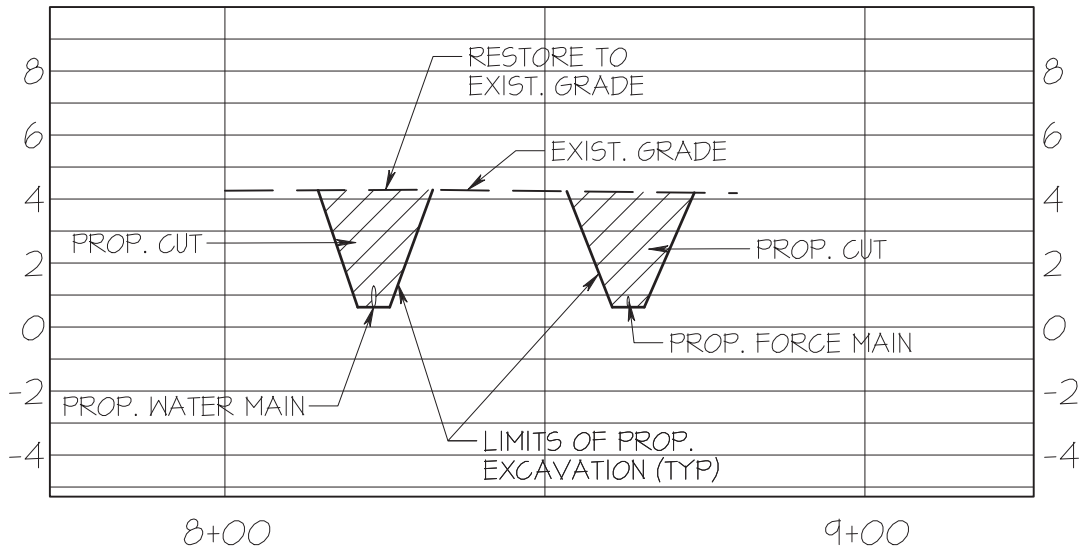
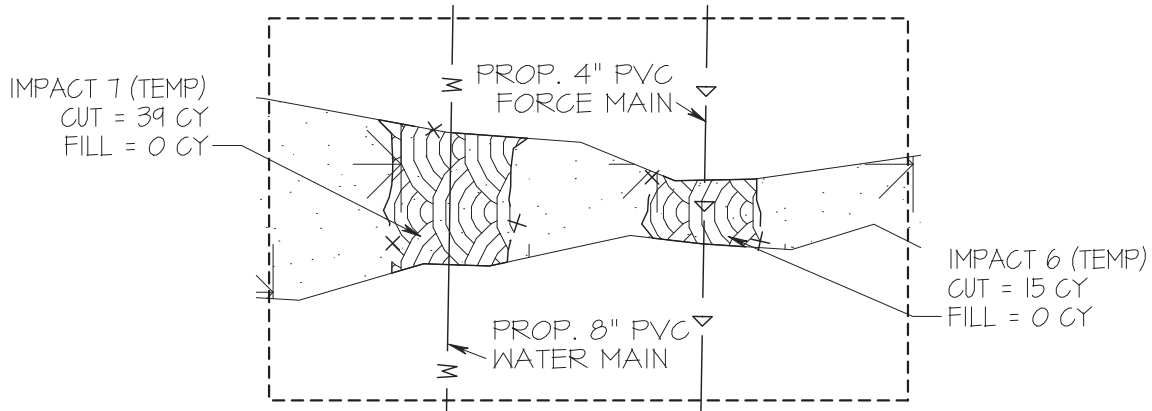
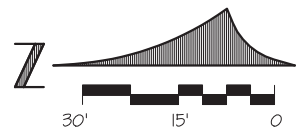
COUNTY: **BAY**  
 STATE: **FLORIDA**

DATUM: **N/A**  
 JOB NO: **9217**

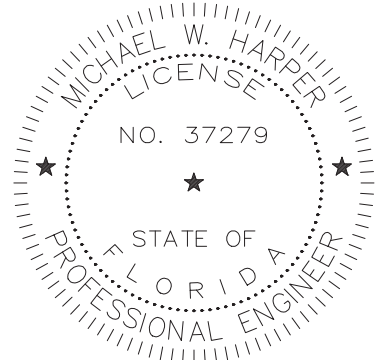
HSCALE: **1" = 60'**  
 VSCALE: **1" = 12'**

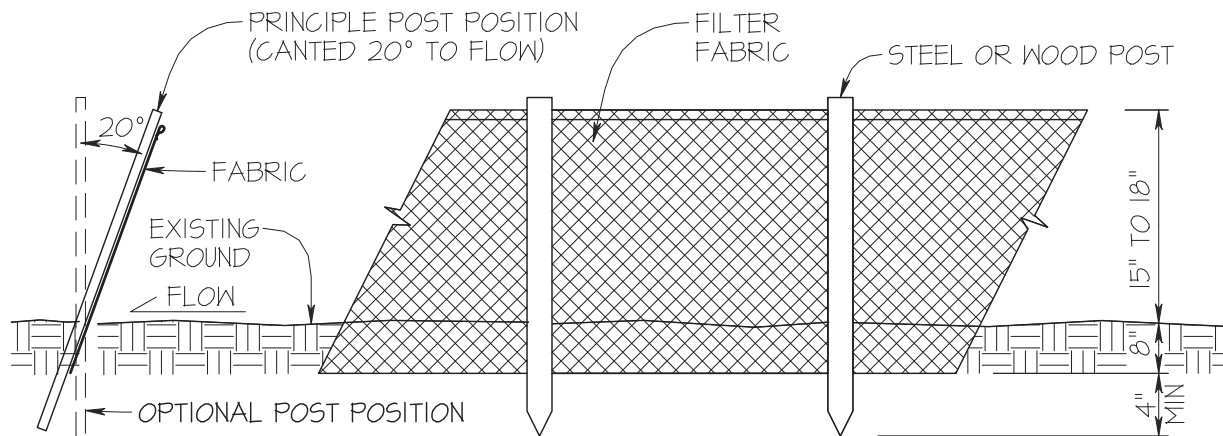
DATE: **6/6/2017**  
 EXHIBIT: **6 OF 8**





<b>BUCHANAN &amp; HARPER, INC.</b> ENGINEERING ~ PLANNING ~ SURVEYING ~ LANDSCAPE ARCHITECTURE 735 WEST 11TH STREET ~ PANAMA CITY, FLORIDA 32401 ~ COA NO. 2372		<b>IMPACTS 6 &amp; 7 DETAIL</b> <b>BRIDGE HARBOR INLET</b>	
COUNTY: BAY STATE: FLORIDA	DATUM: N/A JOB NO: 9217	HSCALE: 1" = 30' VSCALE: 1" = 6'	DATE: 6/6/2017 EXHIBIT: 7 OF 8





SECTION

ELEVATION

NOTES:

1. SEDIMENT CONTROL BARRIER (SCB) TO BE USED TO PREVENT SEDIMENT TRANSPORT OR SILTATION OF STREAMS, DITCHES, ENVIRONMENTAL AREAS, STORM DRAINS, RETENTION/DETENTION AREAS AND OFF-SITE AREAS.
2. SCB TO BE TYPE III BARRIER PER FDOT STD INDEX 102 OR FLORIDA EROSION AND SEDIMENT CONTROL (FESC) MANUAL.
  - A. FILTER FABRIC PER FDOT SPECIFICATION SECTION 985.
  - B. POSTS TO BE 2-1/2"Ø OR 2"x4" SOFTWOOD, 1-1/2"Ø HARDWOOD, OR STEEL (1.33 #/FT).
  - C. PREMADE SBC MAY BE USED WHEN PRODUCT MEETS REQUIREMENTS CONTAINED HEREIN.
3. ERECT SCB ALONG LIMITS OF WORK. USE DOUBLE FENCE AT REGULATED ENVIRONMENTAL AREAS (WETLANDS & WETLAND BUFFERS).
4. INSTALL PER THIS DETAIL, FDOT STD INDEX OR FESC MANUAL.
5. MAINTAIN SCB UNTIL COMPLETION OF CONSTRUCTION AND FINAL VEGETATIVE STABILIZATION. REMOVE SECTIONS AS REQUIRED TO FACILITATE CONSTRUCTION. REPLACE ASAP.
6. DESIGNATE A SPECIFIC CONSTRUCTION ACCESS POINT FOR A PERMANENT BREACH OF BARRIER. AT LOCATION OF ACCESS POINT, INSTALL GRAVEL AS REQUIRED TO PREVENT OFF-SITE SEDIMENT TRACKING. REFER TO NPDES STORM WATER POLLUTION PREVENTION PLAN FOR CONSTRUCTION ACTIVITIES FOR GRAVEL DRIVE DETAILS.

# SEDIMENT CONTROL BARRIER

NTS

<b>BUCHANAN &amp; HARPER, INC.</b>		<b>SEDIMENT CONTROL BARRIER</b>	
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735 WEST 11TH STREET ~ PANAMA CITY, FLORIDA 32401 ~ COA NO. 2372			
COUNTY: BAY	DATUM: N/A	HSCALE: NTS	DATE: 6/16/2017
STATE: FLORIDA	JOB NO: 9217	VSCALE: NTS	EXHIBIT: 8 OF 8

