CORRECTED

7/31/2018

City of Naples c/o Stephanie Molloy; Natural Resource Manager 295 Riverside Circle Naples, Fl. 34102 <u>smolloy@naplesgov.com</u>

Permit Number: 0345034-002 EM Modification of Permit Number 0345034-001 EI

Ms. Molloy:

Your request to modify the Permit No. 0345034-001 EI has been received and reviewed by Department staff.

The proposed permit modification is to:

Reconfigure the layout of a previously authorized oyster restoration reef and change material type from shell in bags to a combination of shell in bags, loose shell and limestone rock.

After review by staff, the proposed modification is not expected to adversely affect water quality and will not be contrary to the public interest.

Modifications to the permit are shown as follows: deletions are struck through (i.e. abc) and additions are underlined (i.e. abc).

The permittee is authorized to conduct oyster habitat restoration through the placement of: (1) bagged shell, <u>loose shell and limestone rock as specified in the attached revised designs in</u> approximately 4' x 4' pods having a maximum height of 5 feet, spaced at a minimum of 16 feet apart; (2) three 150' x 13' reef ball wave attenuation structures to be placed at Site 1; and (3) navigational warning signs and public educational signs at each site. The project will be located within Naples Bay, Class II Waters, Unclassified for Shellfish Harvesting and Rocky Creek, Class III Waters. Authorized activities are depicted on the attached exhibits.

3 project drawings have been added <u>3 project drawings have been voided</u>

Since the proposed modification(s) along with the above amended permit conditions and monitoring requirements are not expected to result in any adverse environmental impact and water quality degradation, the permit is hereby modified as requested. By copy of this letter and the attached drawings, we are notifying all necessary parties of the modification.

This letter does not alter the permit other than as described above. This letter and referenced enclosures must be attached to the original permit. A copy of the original permit can be obtained here:

https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=23.398631. 1]&[profile=Permitting_Authorization]

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rule 28-106.201, F.A.C., a petition for an administrative hearing must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address, any email address, any facsimile number, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;

(c) A statement of when and how the petitioner received notice of the agency decision;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;

(f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant must be filed within 14 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who has asked the Department for notice of agency action may file a petition within 14 days of receipt of such notice, regardless of the date of publication. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, before the applicable deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General

Counsel, 3900 Commonwealth Boulevard, M.S. 35, Tallahassee, Florida 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this action is filed with the Clerk of the Department.

Thank you for applying to the Submerged Lands and Environmental Resource Permit Program. If you have any questions regarding this matter, please contact Jon Guinn by telephone at (239) 344-5650 or by e-mail at Jonathan.Guinn@floridadep.gov When referring to this project, please reference the file number listed above.

Executed in Orlando, Florida

STATE OF FLORIDA DEPARTMENTOF ENVIRONMENTAL PROTECTION

Jon M. Iglehart Director of District Management South District

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and authorization to use sovereignty submerged lands, including all copies, were sent to the addressee and to the following listed persons:

U.S. Army Corps of Engineers, Fort Myers Office, fdep.other@usace.army.mil Collier County Property Appraiser, dstaruch@collierappraiser.com FWC, Imperiled Species Management Section, <u>fwcconservationplanningservices@myfwc.com</u>

FILING AND ACKNOWLEDGMENT

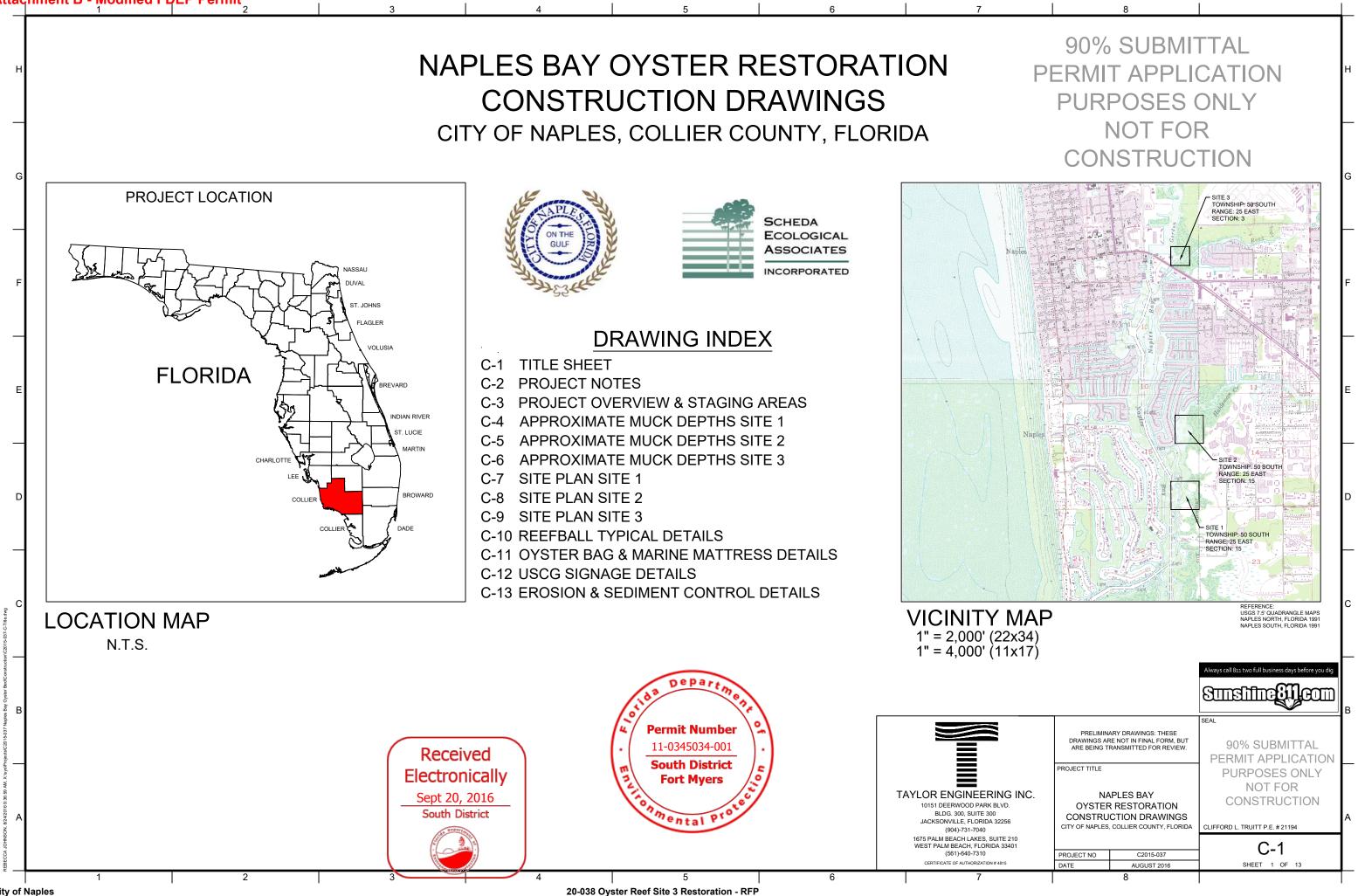
FILED, on this date, pursuant to Section 120.52(7), F.S., with the designated Department clerk, receipt of which is hereby acknowledged.

andra moon

Clerk

July 25, 2018 Date

Enclosures: 3 New Project drawings 13 Original Permit Drawings



Attachment B - Modified FDEP Permit

PROJECT NOTES

DEFINITIONS

- . OWNER: CITY OF NAPLES AND THE ENTITY UNDER CONTRACT WITH THE CONTRACTOR TO PERFORM THE WORK.
- 2. ENGINEER: OWNER'S DESIGNATED REPRESENTATIVE FOR CONSTRUCTION INSPECTION AND OVERSIGHT. 3. ENGINEER OF RECORD (EOR): ENGINEER WHOSE NAME AND SEAL IS AFFIXED TO THE DRAWINGS AND SPECIFICATIONS
- 4. <u>RECORD DRAWINGS</u>: RECORD DRAWINGS SHALL BE DEFINED AS A COPY OF THE ORIGINAL SIGNED AND SEALED DRAWINGS KEPT ONSITE AT ALL TIMES WHERE THE CONTRACTOR SHALL KEEP A RECORD OF ALL DEVIATIONS FROM THE ORIGINAL DRAWINGS MARKED IN RED PENCIL OR PEN.
- 5. U.N.O. : UNLESS NOTED OTHERWISE

PROJECT NOTES:

- 1. ALL ELEVATIONS SHOWN ARE IN FEET AND REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD
- 2. HORIZONTAL COORDINATES ARE BASED ON STATE PLANE COORDINATE SYSTEM FOR THE EAST ZONE (901) OF FLORIDA NAD 83/90
- 3. BATHYMETRIC SURVEYS CONDUCTED ON MARCH 2016 BY DaGOSTINO & WOOD, INC. THE INFORMATION DEPICTED ON THESE DRAWINGS REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATIONS OF GENERAL CONDITIONS EXISTING AT THAT TIME

GENERAL NOTES

- 1. THE CONTRACTOR SHALL INVESTIGATE THE PROJECT SITE PRIOR TO INITIATING ANY CONSTRUCTION.
- 2. THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL STRUCTURES, OYSTER REEFS AND EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWINGS.
- 3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION TOGETHER WITH CITY OF NAPLES TO ENSURE PUBLIC AND PRIVATE SAFETY IN AND AROUND THE CONSTRUCTION SITE.
- 4. THE CONTRACTOR SHALL PLACE WARNING BUOYS AND SIGNS INDICATING THE AREAS AND LIMITS OF CONSTRUCTION
- 5. THE CONTRACTOR SHALL COORDINATE WORK HOURS WITH OWNER TO MEET PROJECT SCHEDULE REQUIREMENTS.
- 6. THE CONTRACTOR SHALL MAINTAIN A SET OF RECORD DRAWINGS AND SHALL KEEP A RECORD OF ALL DEVIATIONS FROM THE ORIGINAL DRAWINGS MARKED IN RED PENCIL OR PEN. THE RECORD DRAWINGS SHALL BE KEPT ONSITE AND SHALL BE AVAILABLE FOR INSPECTION BY THE ENGINEER.
- 7. WHEN ALL SUBSTANTIAL WORK IS DONE AND BEFORE NOTICE OF FINAL COMPLETION OF THE WORK, THE CONTRACTOR SHALL SUBMIT THE ORIGINAL RECORD DRAWINGS TO THE ENGINEER AND UP TO 5 FULL SIZE OR REDUCED SIZE COPIES AS REQUESTED BY THE ENGINEER.
- 8. THE CONTRACTOR SHALL PROVIDE ACCESS TO THE WORK FOR INSPECTION BY THE ENGINEER, REGULATORY AGENCIES. AND OWNER.
- 9. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH THE ENGINEER AS NECESSARY FOR CONSTRUCTION INSPECTION AND AS-BUILT CERTIFICATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT APPROPRIATE AND APPROVED TIMES DURING THE COURSE OF THE WORK THAT THE CONTRACTOR IS READY FOR INSPECTION. WORK THAT IS ASSEMBLED OR COVERED SO THAT THE ENGINEER CANNOT INSPECT THE WORK PROPERLY SHALL BE DISASSEMBLED, UNCOVERED, OR DESTROYED AS NECESSARY FOR INSPECTION. THE COSTS OF REPAIR OR RESTORATION OF THIS WORK SHALL BE BORNE SOLELY BY THE CONTRACTOR.
- 10. THE CONTRACTOR SHALL PROVIDE PERSONNEL AND EQUIPMENT FOR ENGINEER TO INSPECT AND INQUIRE ABOUT THE WORK, THIS MAY INCLUDE PROJECT MANAGERS, SUPERINTENDENTS, FOREMAN, LABORERS LADDERS, HARD HATS, LIFTS, SCAFFOLDING, MEASURING DEVICES, SURVEY EQUIPMENT, LIFE JACKETS, ETC.
- 11. THE CONTRACTOR SHALL WARRANTY THE WORK FOR A MINIMUM OF ONE YEAR UNLESS CLEARLY DEFINED OTHERWISE IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ALL DEFECTIVE MATERIALS AND WORK AT NO COSTS TO THE OWNER WITHIN THE STATED WARRANTY PERIOD.
- 12. ALL PERMANENT MATERIAL SHALL BE NEW, USED, RECONDITIONED, OR REMANUFACTURED MATERIAL SHALL NOT BE ALLOWED UNLESS APPROVED BY THE OWNER IN WRITING.
- 13. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS
- 14. THE CONTRACTOR SHALL VERIFY THE EXISTENCE OF ALL ABOVE-GROUND, BELOW-GROUND, AND SUBMERGED UTILITIES WITHIN THE ENDERGE OF ANY DECOUPTIES ARE FOUND, CONTRACTOR MUST LOCATED & MARK LOCATIONS BEFORE BEGINNING WORK.
- 15. IN THE EVENT OF A CONFLICT BETWEEN THE SPECIFICATIONS AND THE DRAWINGS, THE DRAWINGS SHALL
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ADJACENT FACILITIES AND STRUCTURES CAUSED BY HIS ACTIVITIES DURING PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL RESTORE ALL SUCH DAMAGES TO THEIR PRE-CONSTRUCTION CONDITION AT NO COSTS TO THE OWNER.
- 17. THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES AS NECESSARY TO COMPLY WITH LOCAL STATE, AND FOERAL LAWS AND REGULATIONS. EROSION CONTROL MEASURES MUST BE IMPLEMENTED PRIOR TO ANY WORK COMMENCING AND BE MAINTAINED FOR THE DURATION OF THE PROJECT AND ONLY REMOVED WHEN ALL CONSTRUCTION AND INSTALLATION OF ALL OYSTER MESH BAGS, REEFBALL UNITS AND FOUNDATIONS FOR REEFBALL UNITS HAS BEEN COMPLETED.
- 18. THE CONTRACTOR MUST HAVE ALL USCG WARNING SIGNAGE AND ANY OTHER REQUIRED MARKERS, AND WARNING BUOYS IN PLACE BEFORE REMOVING WARNING BUOYS AND SIGNS INDICATING THE AREAS AND LIMITS OF CONSTRUCTION AND EROSION CONTROL MEASURES TO ENSURE THE PUBLIC IS AWARE OF RMANENT SUBMERGED STRUCTURES WITHIN THE WATERWAYS.

PERMITS AND PERMIT CONDITIONS

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS NOT SUPPLIED BY THE OWNER. COSTS OF OBTAINING PERMITS NOT SUPPLIED BY THE OWNER SHALL BE BORNE BY THE CONTRACTOR. THIS MAY INCLUDE BUT NOT BE LIMITED TO: NPDES PERMIT (OR NOI), CLEARING OR LAND DISTURBANCE PERMITS, TEMPORARY UTILITIES PERMITS, ETC.
- 2 UNLESS CLEARLY SPECIFIED OTHERWISE BY THE OWNER IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FILING ALL NOTICES OF COMMENCEMENTS AND NOTICES OF COMPLETION TO ALL PERMITTING AGENCIES INCLUDING PERMITS SUPPLIED BY THE OWNER.

AS-BUILT SURVEYS

- 1. UNLESS CLEARLY SPECIFIED OTHERWISE IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL INCLUDE THE COST OF AN AS-BUILT SURVEY IN THE BID PRICE AND SHALL STATE A SEPARATE PRICE FOR AN AS-BUILT SURVEY IN THE BID PRICE. THE AS-BUILT SURVEY SHALL BE SIGNED AND SEALED BY A SURVEYOR LICENSED IN THE STATE OF FLORIDA AND SHALL SHOW THE LOCATION AND ELEVATION OF ALL CONSTRUCTED OR INSTALLED FEATURES .
- 2. THE AS-BUILT SURVEY SHALL BE SUBMITTED IN DIGITAL AND 22" X 34" PAPER VERSIONS (UP TO 5 COPIES) TO THE ENGINEER FOR APPROVAL. THE AS-BUILT SURVEY SHALL BE PERFORMED IN THE SAME HORIZONTAL AND VERTICAL COORDINATE SYSTEM THE DRAWINGS ARE IN. DIGITAL DRAWINGS SHALL BE IN AUTOCAD 2008 OR NEWER VERSION

2

SUBMITTALS AND TESTING REQUIREMENTS

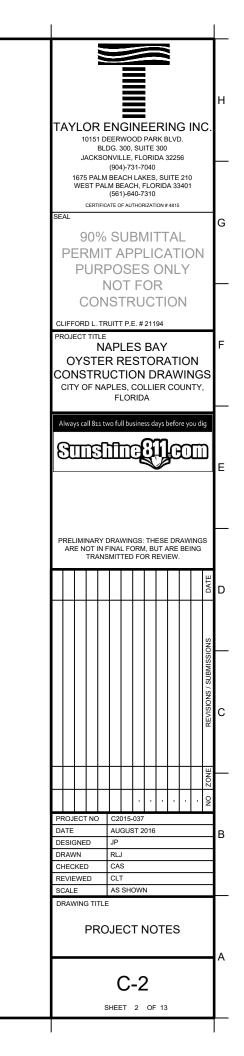
- ALL TESTING, EITHER PRE-CONSTRUCTION OR CONSTRUCTION, AS REQUIRED HEREIN OR IN THE CONTRACT DOCUMENTS, SHALL BE PERFORMED BY AN INDEPENDENT QUALIFIED TESTING COMPANY, THE COSTS OF ALL SUCH TESTING SHALL BE BORNE BY THE CONTRACTOR AND SHALL BE INCLUDED IN THE BID PRICE.
- 2. THE QUALIFIED TESTING AGENCY SHALL BE APPROVED PER FDOT STANDARDS, AASHTO STANDARDS OR SIMILAR SUCH STANDARDS AS APPROVED BY THE ENGINEER. ALL TESTING WORK SHALL BE DONE UNDER THE SUPERVISION OF A REGISTERED PROFESSIONAL ENGINEER LICENSED IN FLORIDA AND SHALL BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER IF REQUESTED.
- 3. UNLESS MODIFIED BY THE CONTRACT DOCUMENTS, SUBMITTALS AND REQUEST FOR INFORMATION SHALL BE SUBMITTED TO THE ENGINEER IN WRITING IN A FORMAT ACCEPTABLE TO THE ENGINEER AND SHALL BE SUBMITTED A MINIMUM OF 6 WORKING DAYS, PREFERABLY 10 WORKING DAYS, BEFORE ACTION IS REQUIRED
- 4. ALL REQUIRED SUBMITTALS OR MANUFACTURER'S INFORMATION SHALL BE IN U.S. CUSTOMARY UNITS.
- 5. ALL SUBMITTALS REQUIRE APPROVAL BY THE ENGINEER U.N.O.
- 6. SUBMITTALS SHALL INCLUDE UP TO 7 COPIES AS REQUESTED BY THE ENGINEER UNLESS STATED OTHERWISE BY THE ENGINEER

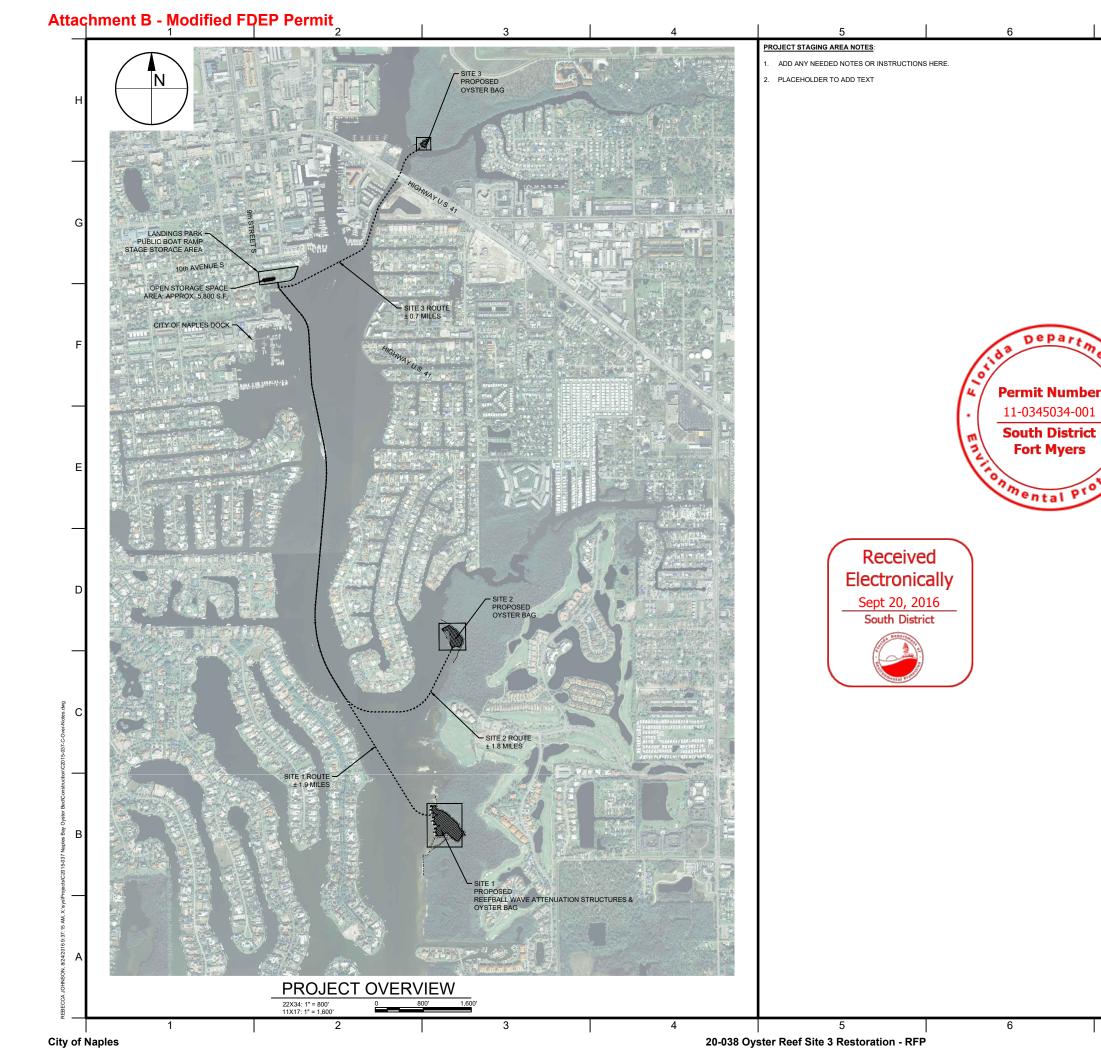


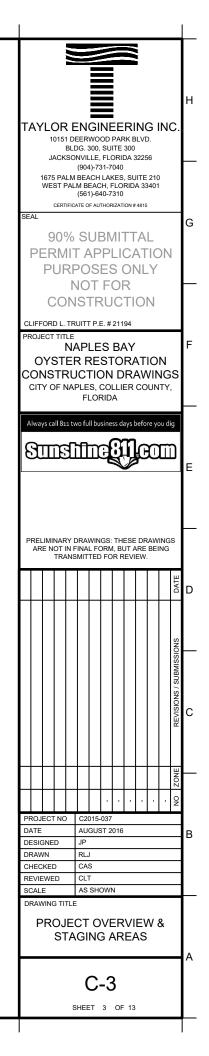


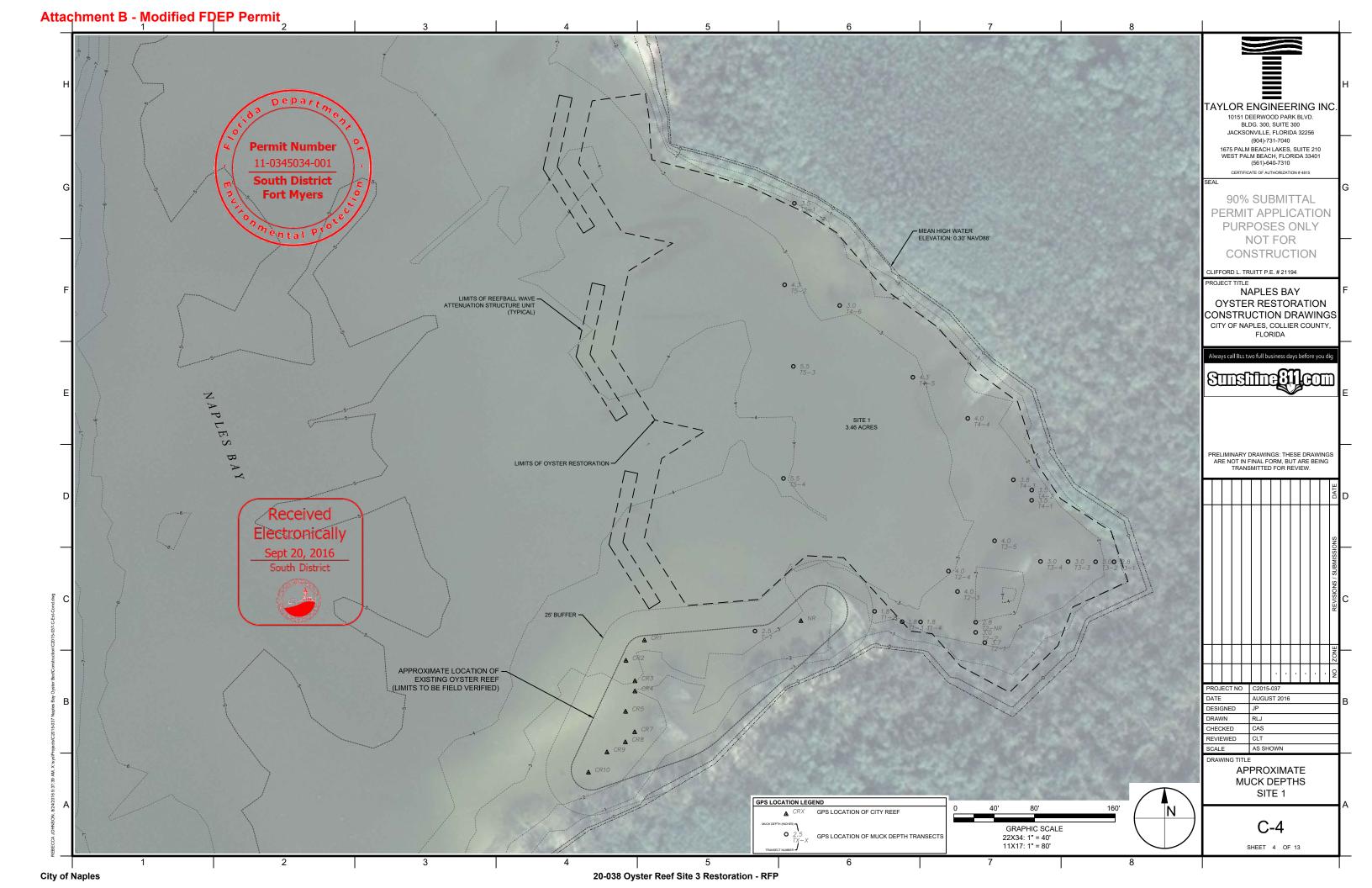
D

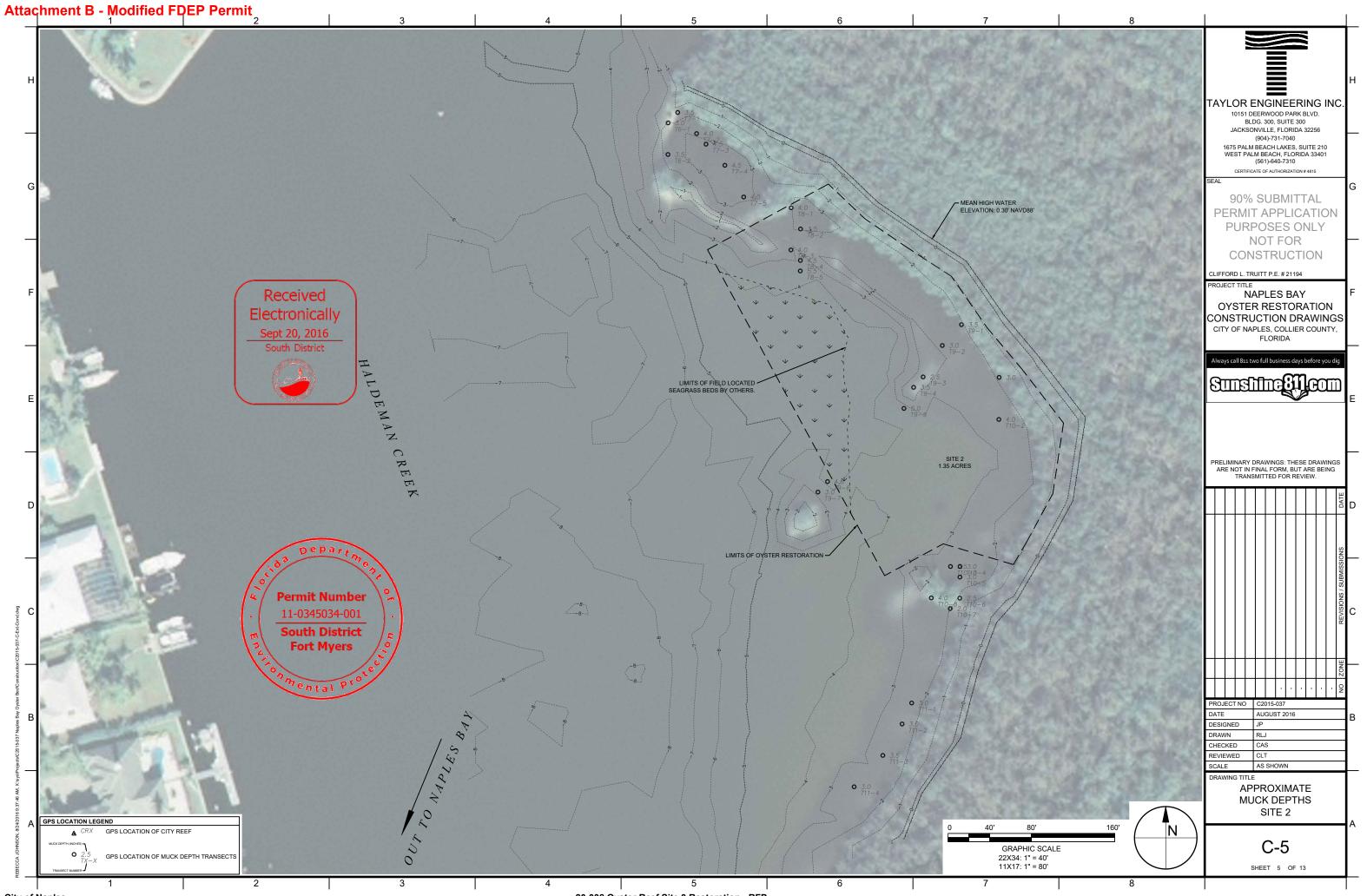
5

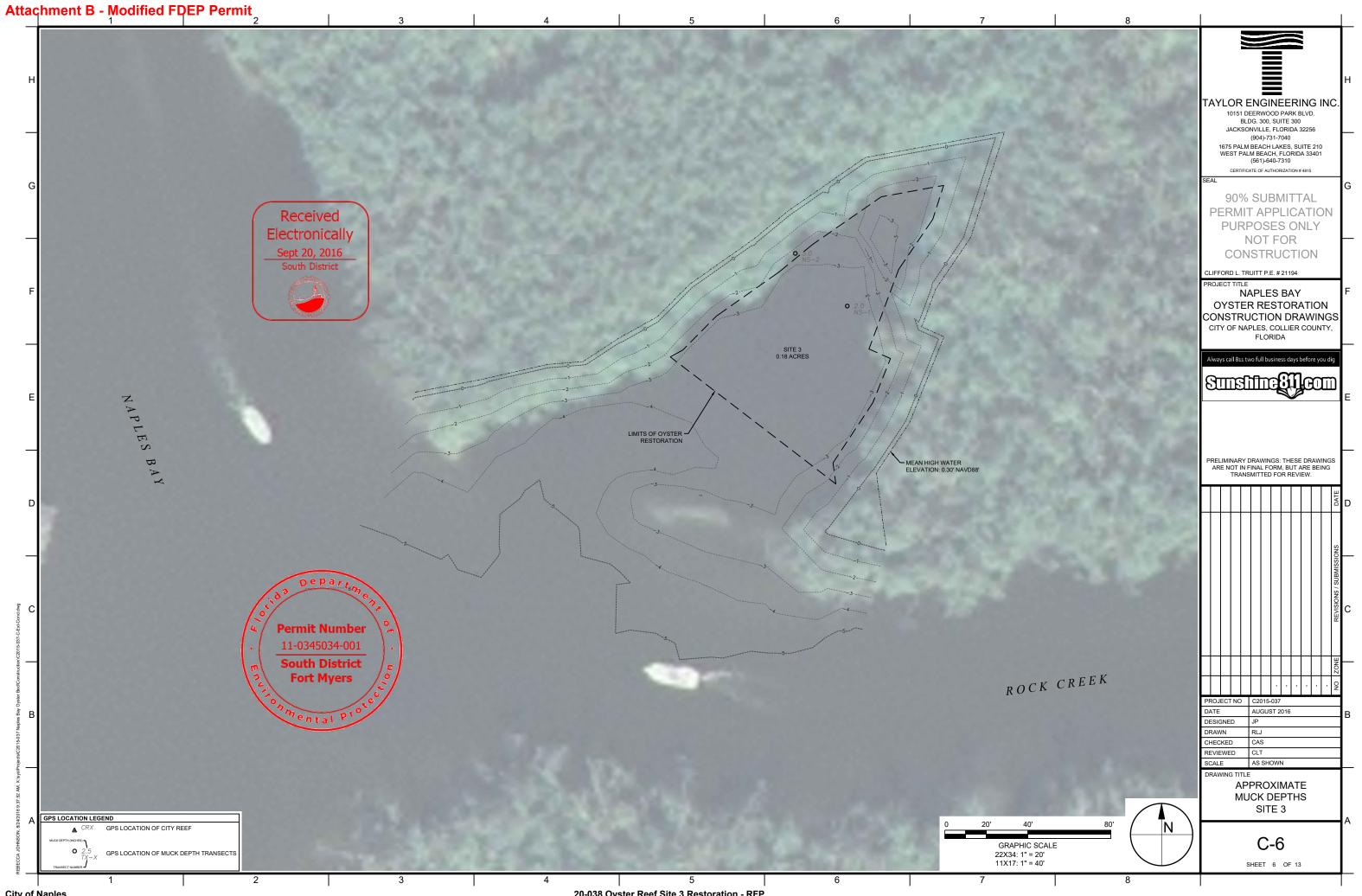


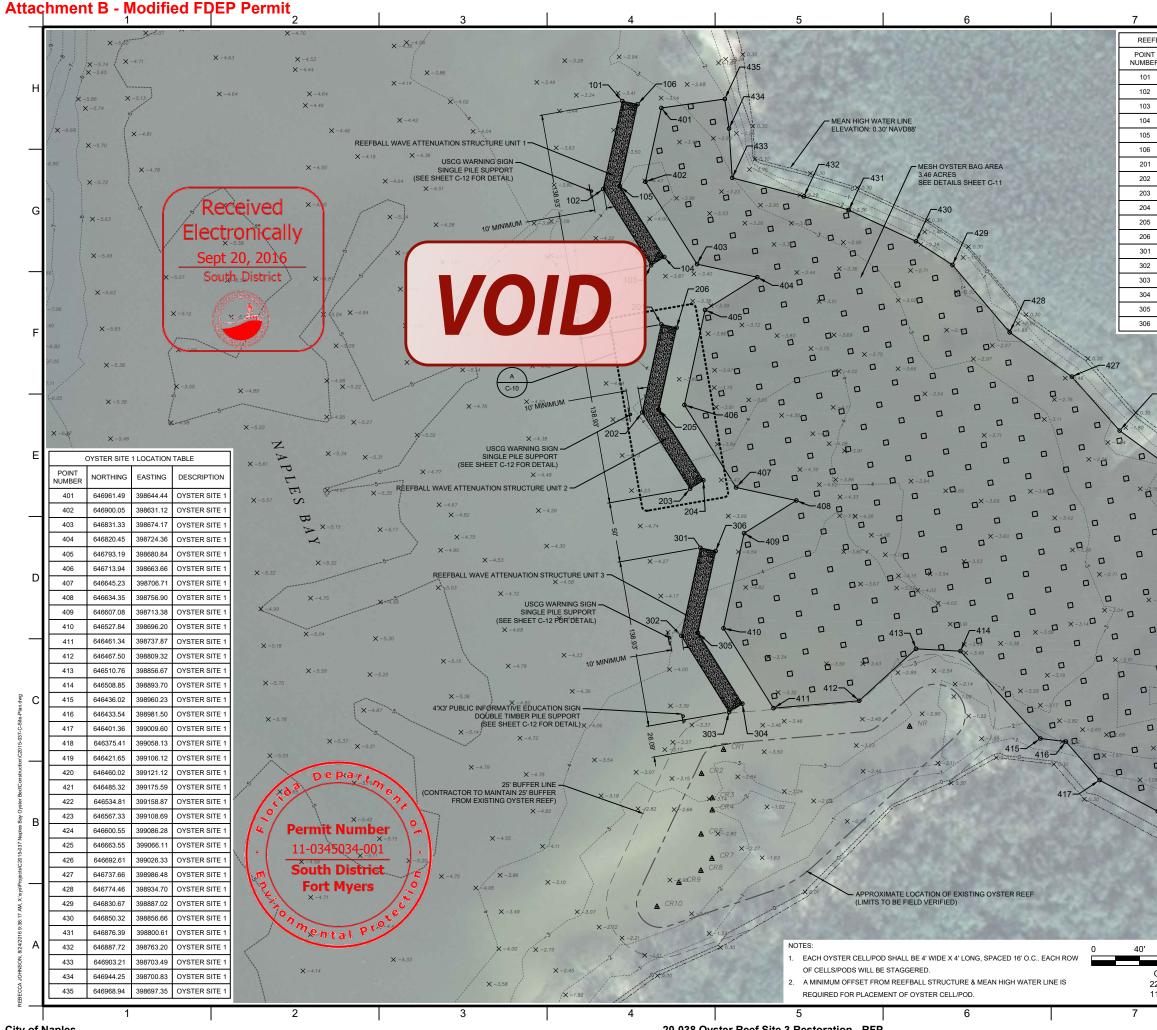




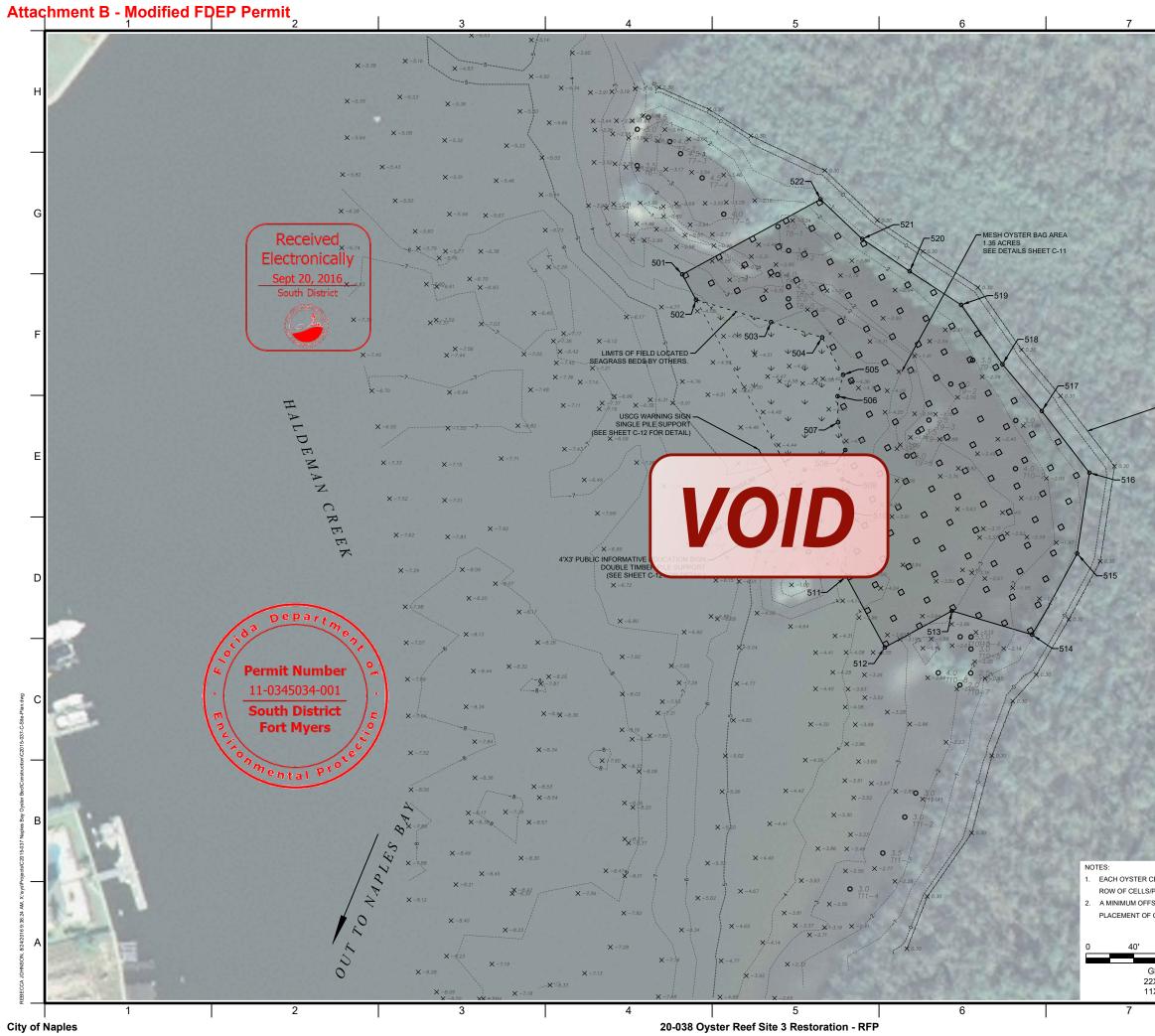




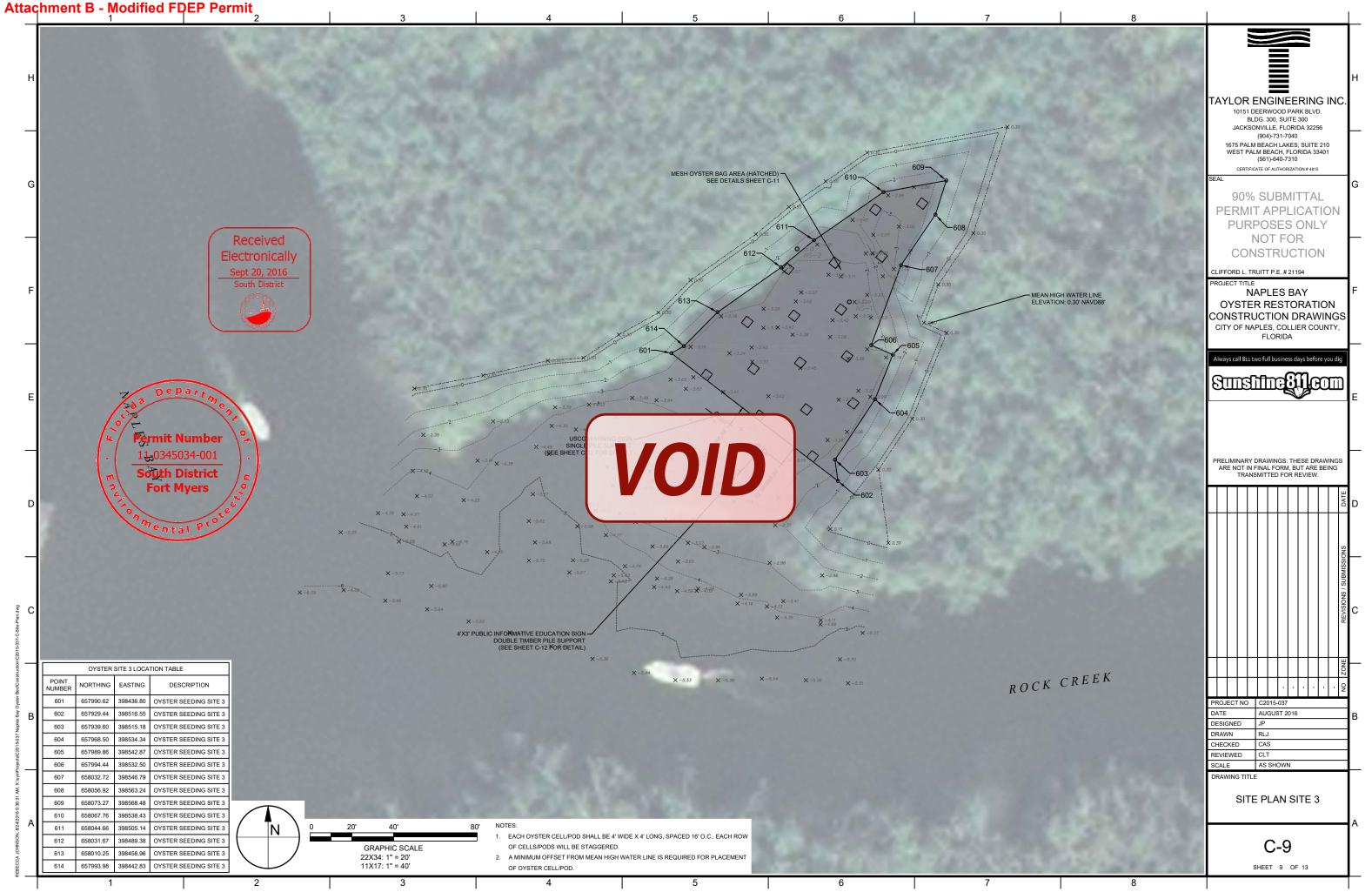


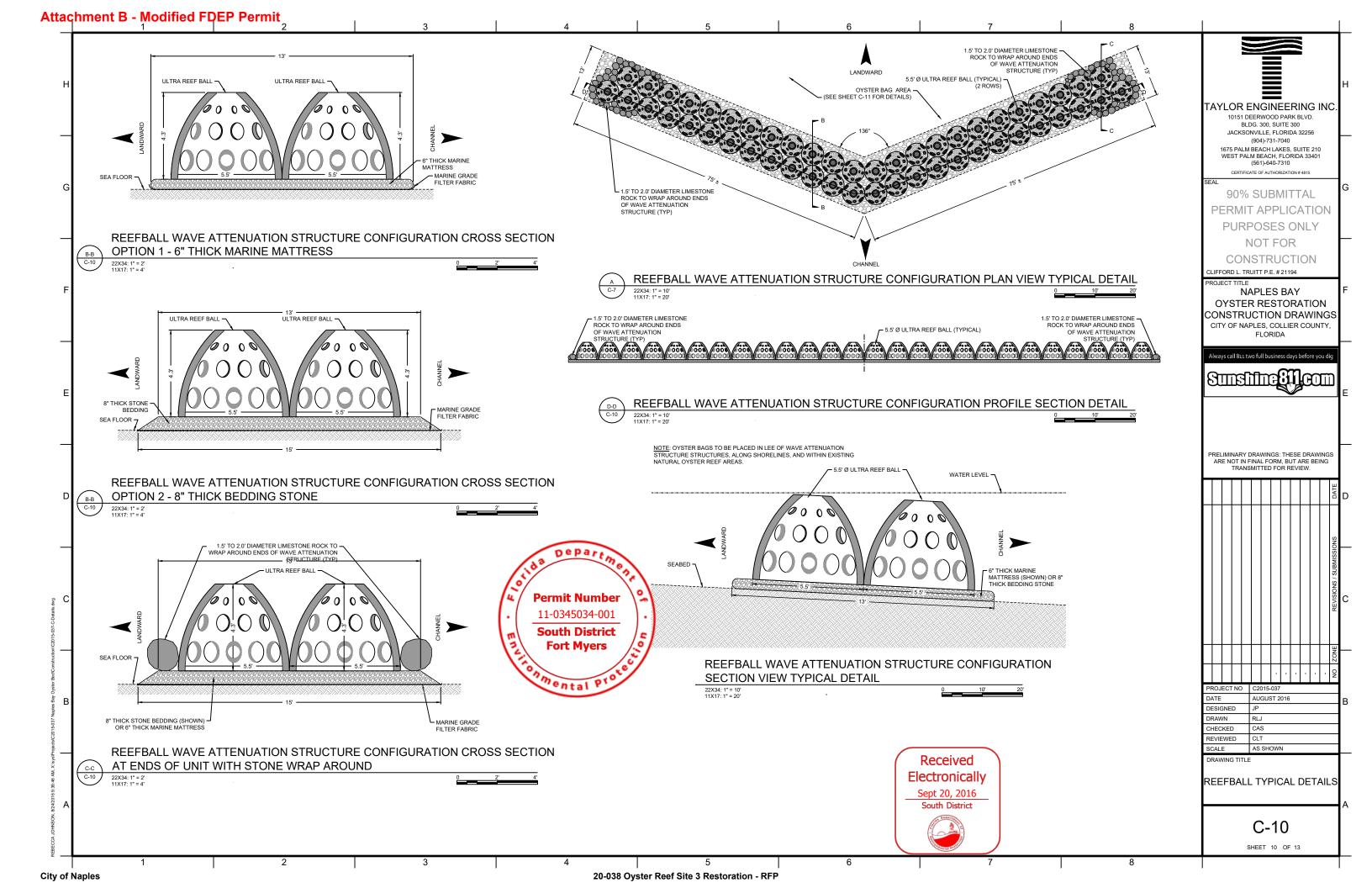


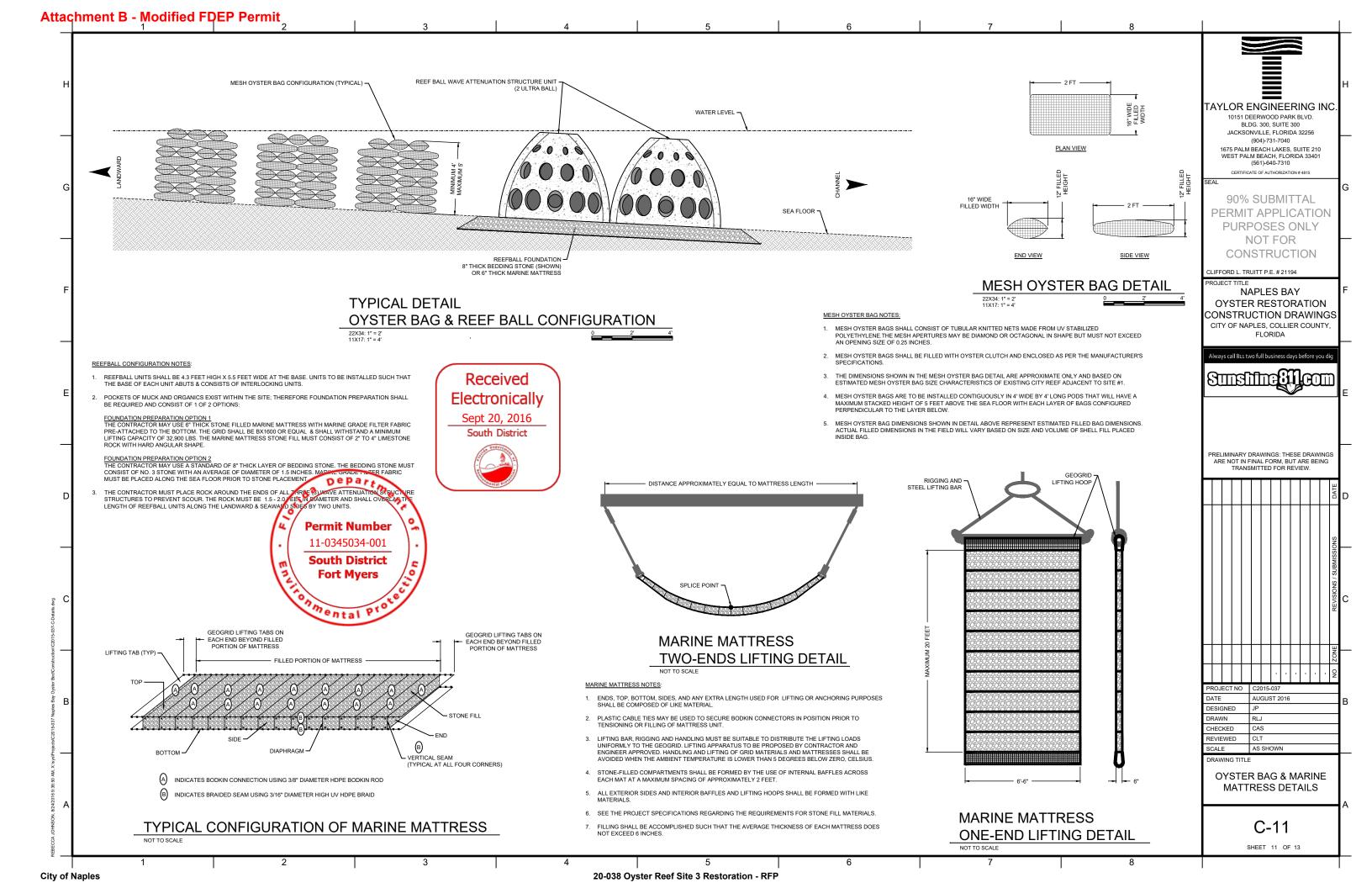
	I		8	I								
FBALL	WAVE ATTENUAT	ION STRUCTURE	UNIT LOCATION TABLE		i 1							
IT ER	NORTHING	EASTING	DESCRIPTION		1		1					
	646967.21	398611.92	REEFBALL UNIT 1									
2	646893.91	398596.02	REEFBALL UNIT 1									н
5	646830.35	398635.84	REEFBALL UNIT 1	ΤΑΥΙ	OR	FN	GIN		RIN	IG II	NC	
	646837.26	398646.86	REEFBALL UNIT 1		10151	DEER	woo	D PAF		-		
,	646896.33 646964.45	398609.85 398624.62	REEFBALL UNIT 1			BLDG. 3 Sonvii				256		
,	646781.10	398644.46	REEFBALL UNIT 2	16	75 PAL		4)-731			E 210		
2	646707.80	398628.56	REEFBALL UNIT 2		EST P	ALM B		, FLO	RIDA 3			
3	646644.25	398668.38	REEFBALL UNIT 2		CERTI	FICATE C				15		
ļ.	646651.15	398679.40	REEFBALL UNIT 2	SEAL								G
5	646710.22	398642.39	REEFBALL UNIT 2		90%	% S	UB	MI	TTA	۱L		_
6	646778.35	398657.16	REEFBALL UNIT 2	PE	RM	IT A	\PF		CA.	τιο	N	
1	646595.00	398676.99	REEFBALL UNIT 3		PUF							
2	646521.70	398661.10	REEFBALL UNIT 3			NO						
3	646458.15	398700.92	REEFBALL UNIT 3		СО					N		
	646465.05	398711.94 398674.93	REEFBALL UNIT 3 REEFBALL UNIT 3									
) }	646524.12 646592.24	398689.70	REEFBALL UNIT 3	CLIFFC			T P.E.	# 211	94			
-426	5			CON CITY	/STE	RUC IAPLE FI	RES TIO S, C LORI	N D OLLII DA	RA RA ER C	WIN OUN	GS ſY,	
18	425 a.30			SI	Ē	£11	D;	Q	Ŋ	Ð	m	E
		-423			MINAR NOT II TRA		L FOF	RM, BI	JT AR	E BEIN		
<-2.90 □		Y	-422								D/	D
	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	× 0,5 20 × 0,5 20 × 5,50	421								REVISIONS / SUBMISSIONS	c
×-12.45		11										
	.56	419 × 0.30			T		$ \top$			ΙŢ	ZONE	-
1.06	0/0/			┠┼┼	+		$\left \right $	+	$\left \right $	++		
1	///							<u>' '</u>		'	' N	
×	//			PROJE DATE	CT NO	_	015-03 GUST					_
1	×418			DESIG	NED	JP						В
× 0.	30			DRAW		RL						
				CHECK		CA CL						
				SCALE			SHO	ŴŇ			_	
				DRAWI								
K		3.20			SIT	ΓE Ρ	'LAI	١S	ITE	1		
	80'	160'	(\mathbf{N})	 								A
22X34	PHIC SCALE 4: 1" = 40' 7: 1" = 80'						C-		[:] 13			
			8									

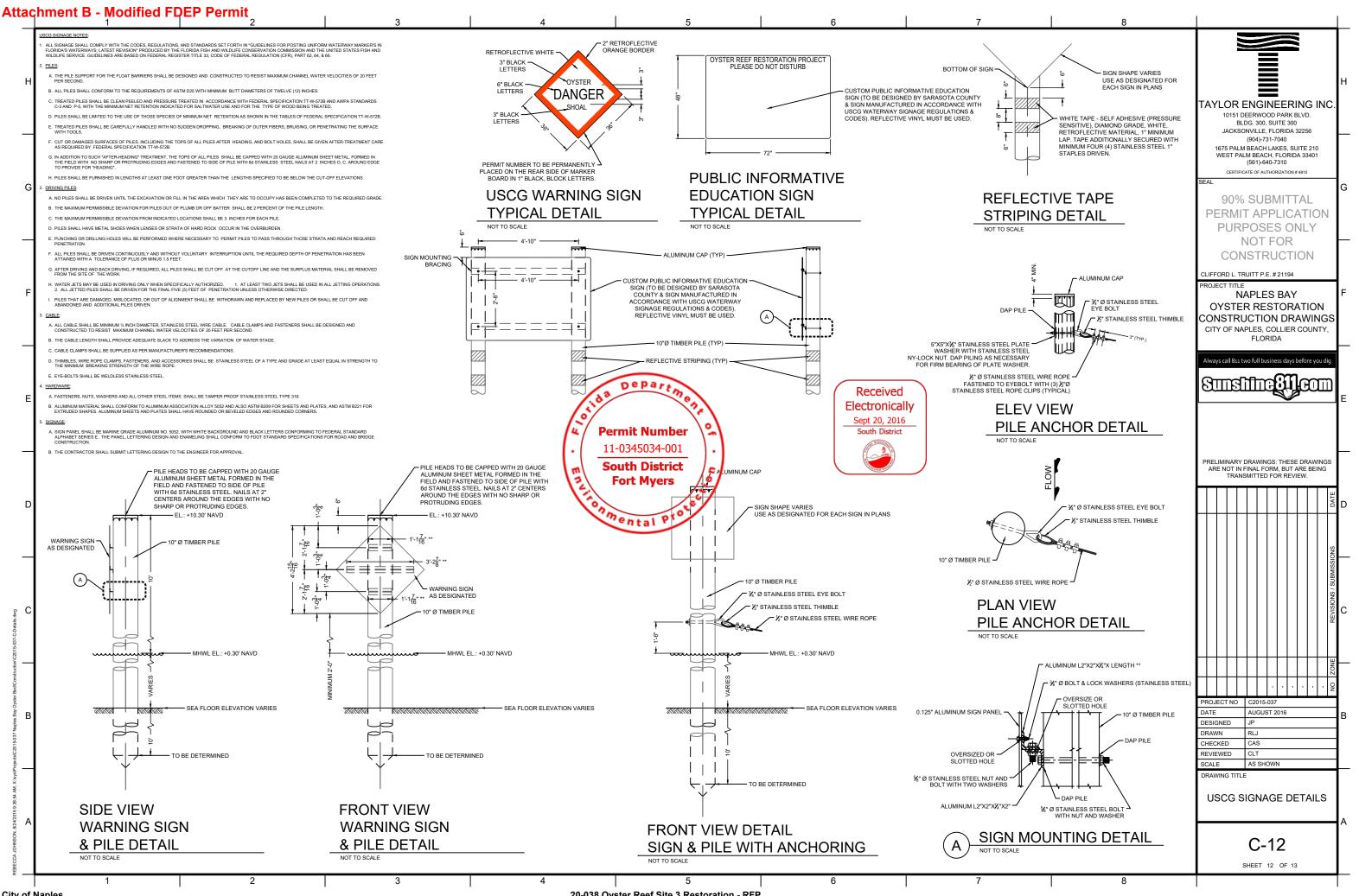


				8		
		OYSTER	SITE 2 LOCA	TION TABLE		
100	POINT NUMBER	NORTHING	EASTING	DESCRIPTION		
24	501	649909.25	398801.47	OYSTER SEEDING SITE 2		
1	502	649888.06	398812.99	OYSTER SEEDING SITE 2		Н
	503	649869.27	398875.90	OYSTER SEEDING SITE 2	TAYLOR ENGINEERING INC.	
1	504	649856.47	398918.77	OYSTER SEEDING SITE 2	10151 DEERWOOD PARK BLVD.	
680	505 506	649824.97 649807.09	398936.34 398931.74	OYSTER SEEDING SITE 2 OYSTER SEEDING SITE 2	BLDG. 300, SUITE 300 JACKSONVILLE, FLORIDA 32256	
-	507	649785.21	398932.09	OYSTER SEEDING SITE 2	(904)-731-7040 1675 PALM BEACH LAKES, SUITE 210	
	508	649761.95	398938.16	OYSTER SEEDING SITE 2	WEST PALM BEACH, FLORIDA 33401 (561)-640-7310	
16	509	649737.40	398935.71	OYSTER SEEDING SITE 2	CERTIFICATE OF AUTHORIZATION # 4815	
58	510	649710.56	398936.82	OYSTER SEEDING SITE 2	SEAL	G
100	511	649655.91	398939.10	OYSTER SEEDING SITE 2	90% SUBMITTAL	
100	512	649596.43	398971.41	OYSTER SEEDING SITE 2	PERMIT APPLICATION	
-	513 514	649626.98 649607.06	399027.65 399094.95	OYSTER SEEDING SITE 2 OYSTER SEEDING SITE 2	PURPOSES ONLY	
20	515	649675.08	399132.79	OYSTER SEEDING SITE 2	NOT FOR	—
20	516	649742.92	399143.02	OYSTER SEEDING SITE 2	CONSTRUCTION	
22	517	649794.69	399103.13	OYSTER SEEDING SITE 2	CLIFFORD L. TRUITT P.E. # 21194	
31	518	649833.91	399070.10	OYSTER SEEDING SITE 2	PROJECT TITLE	F
80	519	649883.67	399035.44	OYSTER SEEDING SITE 2	NAPLES BAY OYSTER RESTORATION	
	520	649911.87	398992.21	OYSTER SEEDING SITE 2	CONSTRUCTION DRAWINGS	
12	521 522	649938.98 649972.26	398952.43 398917.46	OYSTER SEEDING SITE 2 OYSTER SEEDING SITE 2	CITY OF NAPLES, COLLIER COUNTY,	
22	522	049972.20	396917.40	OTSTER SEEDING SITE 2	FLORIDA	
						E
					PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR REVIEW.	
		. And			à	D
					SNO.	
					REVISIONS / SUBMISSIONS	с
					ZONE	
					· · · · · · 2	
					PROJECT NO C2015-037	
					DATE AUGUST 2016 DESIGNED JP	В
					DRAWN RLJ	
202	36.3	200.00	1000	1. Mar. 6.13	CHECKED CAS REVIEWED CLT	
ER CELI	_/POD SHAI	LL BE 4' WIDE	X 4' LONG, S	PACED 16' O.C EACH	SCALE AS SHOWN	
LLS/POE	DS WILL BE	STAGGERED			DRAWING TITLE	
	FROM ME		TER LINE IS F		SITE PLAN SITE 2	
	80'		160'		C-8	A
22X3	APHIC SC 4: 1" = 40 7: 1" = 80	·			SHEET 8 OF 13	









City of Naples

Attachment B - Modified FDEP Permit

EROSION CONTROL AND GRASSING/SODDING NOTES:

THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES AND TURBIDITY SILTATION PREVENTION DEVICES AS NECESSARY TO COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS AND COMPLY WITH STATE WATER QUALITY CRITERIA FOR STORMWATER DISCHARGE. EROSION CONTROL MEASURES INCLUDE BUT ARE NOT LIMITED TO TURBIDITY SCREENS, MULCHING, HAY BALES, AND SILT FENCE. IF A WATER QUALITY VIOLATION OCCURS, THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR ALL DAMAGE AND ALL COSTS WHICH MAY RESULT INCLUDING LEGAL FEES, CONSTRUCTION COSTS, AND FINES.

DISTURBED AREAS NOT INCLUDING ROADWAYS AND WETLANDS SHALL BE SEEDED/GRASSED, FERTILIZED, MULCHED, AND MAINTAINED IN ACCORDANCE WITH CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING A PERMANENT STAND OF SOD AND/OR GRASS AT ALL DISTURBED AREAS PER CITY STANDARDS AND SPECIFICATIONS AND MEETING THE NPDES FINAL STABILIZATION REQUIREMENTS.

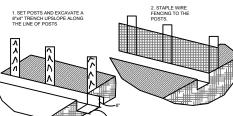
EROSION CONTROL MEASURES SHALL BE MAINTAINED FOR THE ENTIRE DURATION OF THE PROJECT.

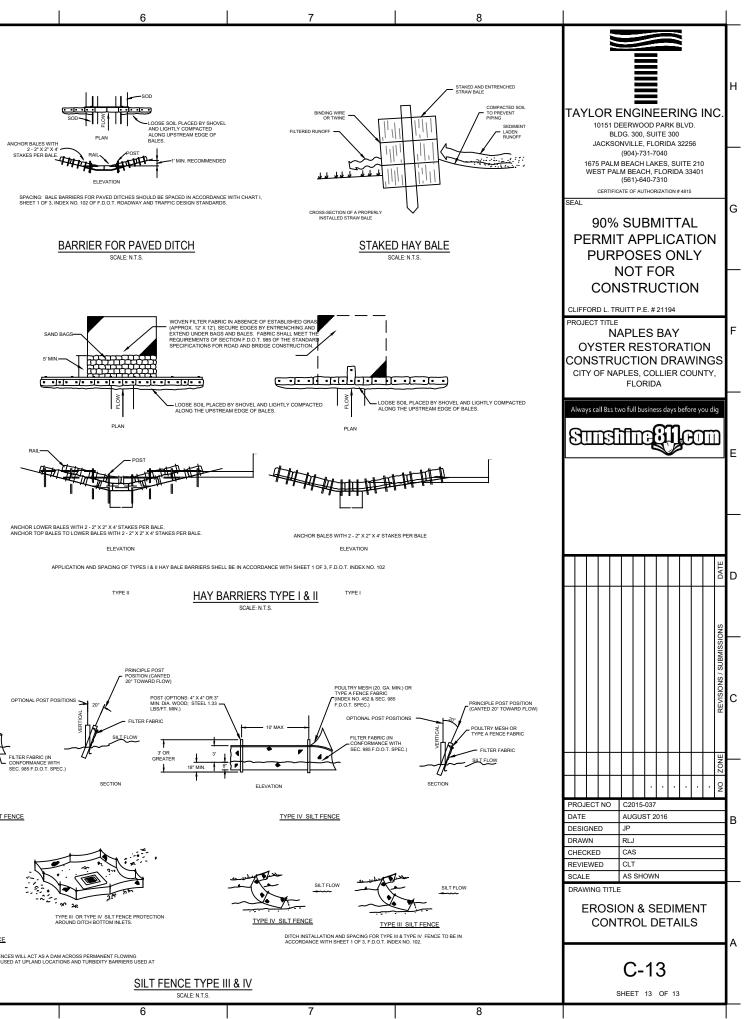
EROSION CONTROL MEASURES SHALL BE PLACED TO CONTAIN ALL POINTS OF DISCHARGE TO SURFACE WATERS OR WETLANDS INCLUDING CURB INLETS, DITCH BOTTOM INLETS, DITCHES, AND DOWNSTREAM PORTIONS OF STREAMS AND TIDAL WATERS ADJACENT TO CONSTRUCTION.

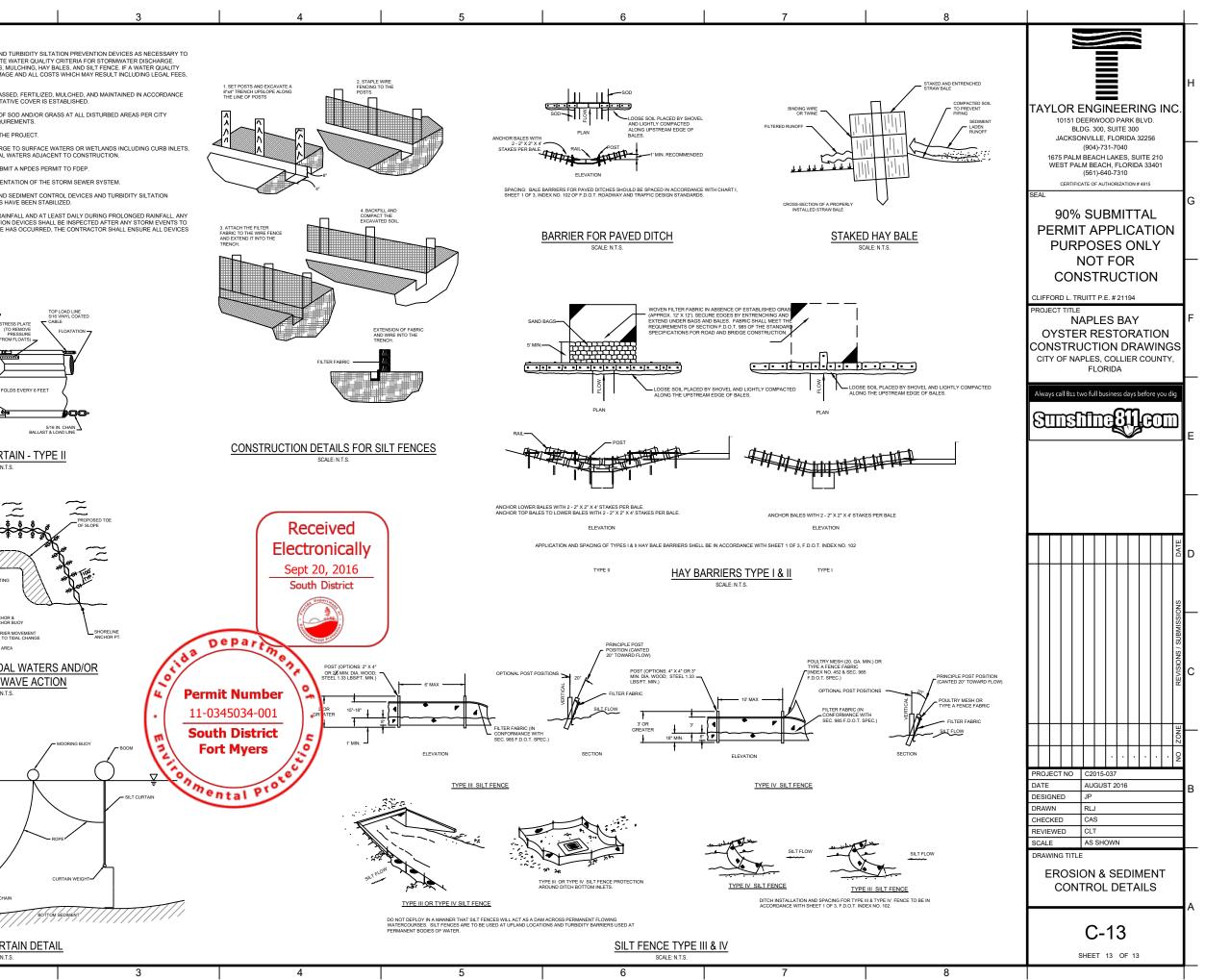
6. 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR WILL SUBMIT A NPDES PERMIT TO FDEP.

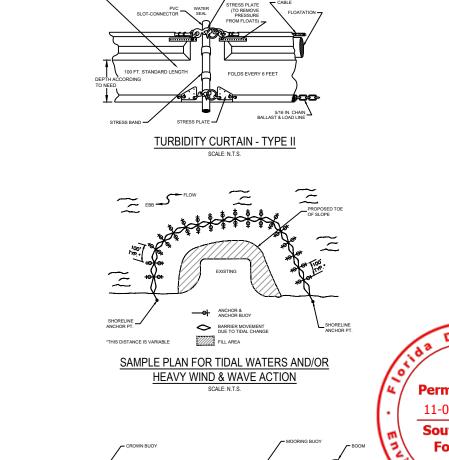
- 7. THE CONTRACTOR SHALL WRAP STORM GRATES IN FILTER FABRIC TO PREVENT SEDIMENTATION OF THE STORM SEWER SYSTEM.
- THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AND TURBIDITY SILTATION NTION DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED

SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. ALL TURBIDITY SILTATION PREVENTION DEVICES SHALL BE INSPECTED AFTER ANY STORM EVENTS TO ENSURE THAT ALL DEVICES ARE SECURELY IN PLACE AND UNDAMAGED IF ANY DAMAGE HAS OCCURRED, THE CONTRACTOR SHALL ENSURE ALL DEVICES ARE FIXED AND/OR REPLACED AS REQUIRED AND SECURED PROPERLY.





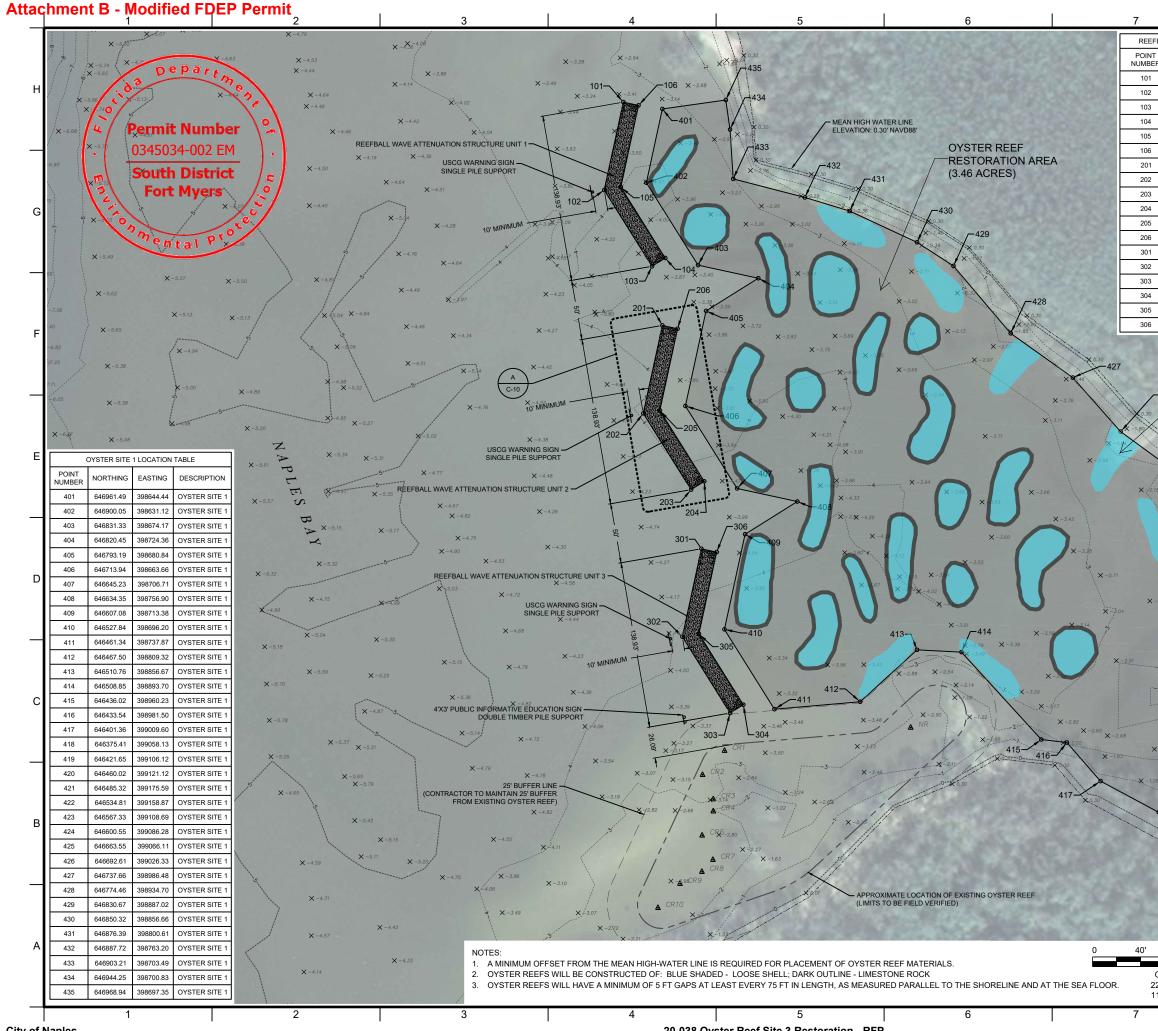




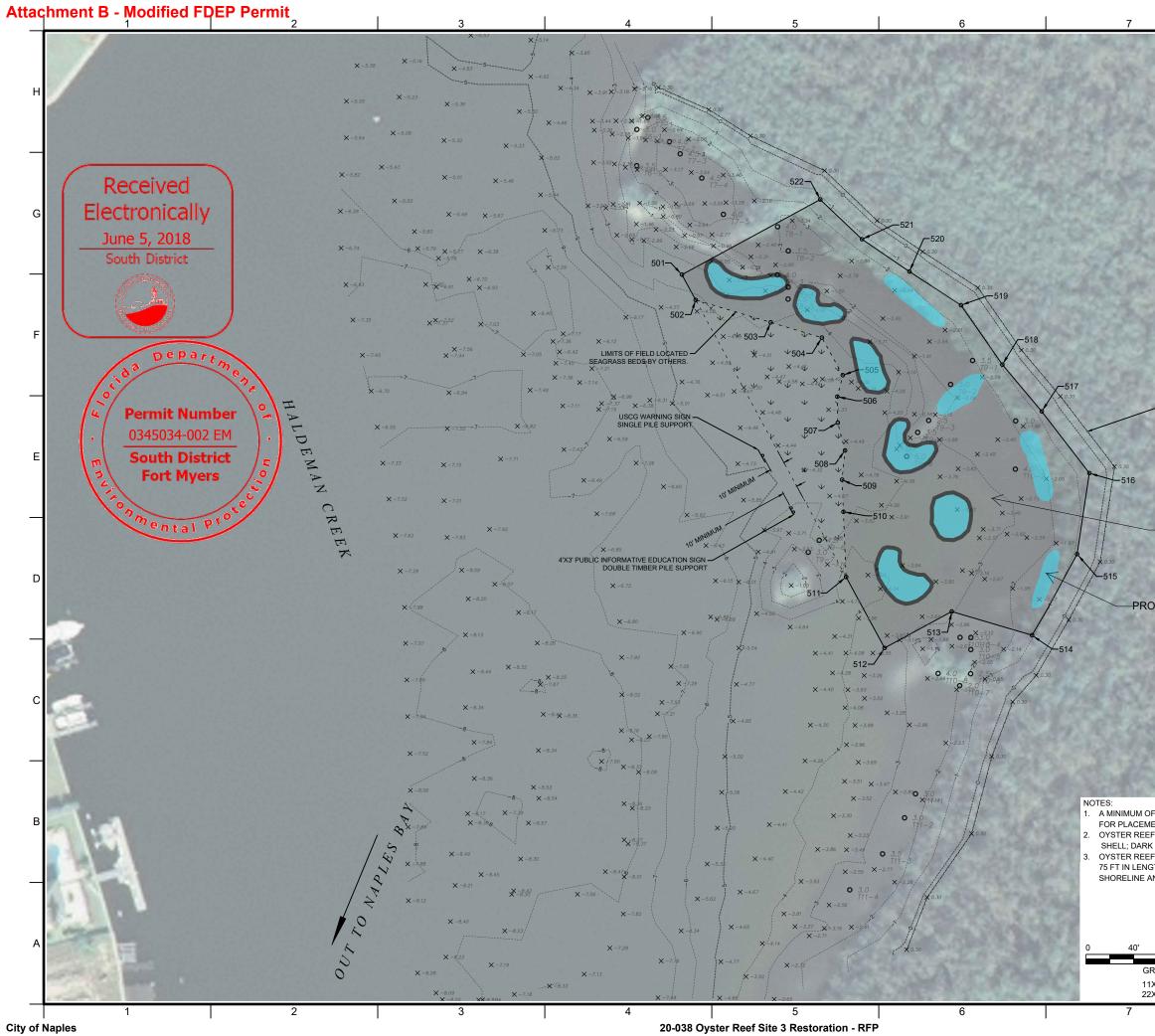
FRIEVE



City of Naples

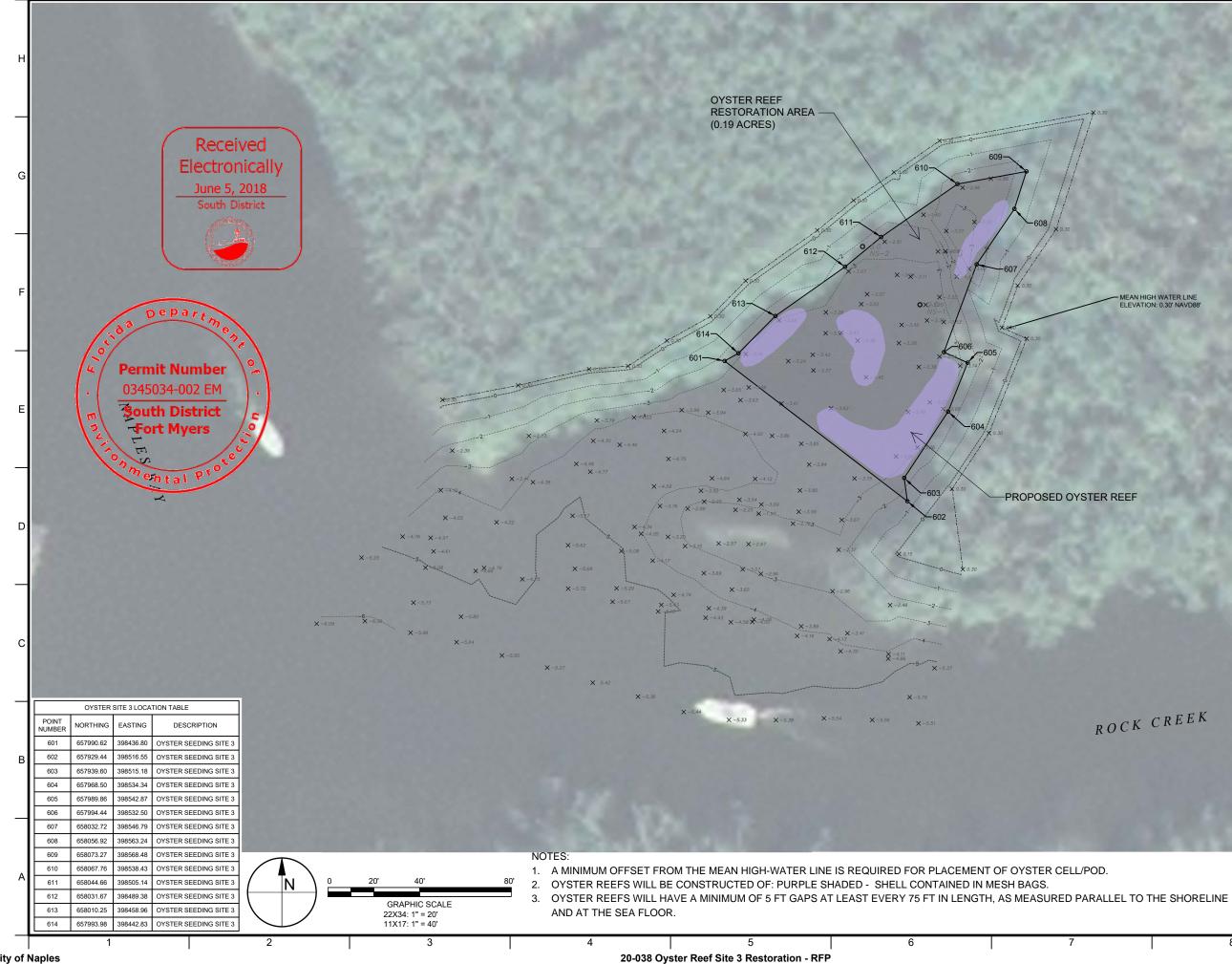


			8	
	WAVE ATTENUAT	ION STRUCTURE I	JNIT LOCATION TABLE	
NT BER	NORTHING	EASTING	DESCRIPTION	
1	646967.21	398611.92	REEFBALL UNIT 1	Contra NATES FILEPAL
2	646893.91	398596.02	REEFBALL UNIT 1	
3	646830.35	398635.84	REEFBALL UNIT 1	
4	646837.26	398646.86	REEFBALL UNIT 1	
5 6	646896.33 646964.45	398609.85 398624.62	REEFBALL UNIT 1	ON THE GULF
1	646781.10	398644.46	REEFBALL UNIT 2	
2	646707.80	398628.56	REEFBALL UNIT 2	
3	646644.25	398668.38	REEFBALL UNIT 2	
4	646651.15	398679.40	REEFBALL UNIT 2	
5	646710.22	398642.39	REEFBALL UNIT 2	90% SUBMITTAL
6	646778.35	398657.16	REEFBALL UNIT 2	PERMIT APPLICATION
1	646595.00	398676.99	REEFBALL UNIT 3	PURPOSES ONLY
2	646521.70	398661.10	REEFBALL UNIT 3	NOT FOR
3	646458.15	398700.92	REEFBALL UNIT 3	
4	646465.05	398711.94	REEFBALL UNIT 3	CONSTRUCTION
5	646524.12	398674.93	REEFBALL UNIT 3	
6	646592.24	398689.70	REEFBALL UNIT 3	PROJECT TITLE NAPLES BAY
-426	6 PROP	OSED OYST	ER REEF	OYSTER RESTORATION CONSTRUCTION DRAWINGS CITY OF NAPLES, COLLIER COUNTY, FLORIDA
0 /				Always call 811 two full business days before you dig
K.				
	× 0.30			
	200			
19	2.00			
2.18				200 C
1	424			
	/ M			
	× 0.30	-423		PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING
	X A Star	-423		TRANSMITTED FOR REVIEW.
		× 0.30		
	X		-422	
≺ −2.90	× -2.3			
			× 0.30	
		×+2.32		<u>م</u>
		t is		
	× −2.14	1		
	1	× -2.42 × -2.22 × -2.22	421	S
-4-1	×-2.52	//	× 0.30	
X'4	1.38			
¹	1	P		
×	-211 Li	× 0.30		
×-6.45	5 5-1	//		
' ¥-4	56	419		ZONE
1.06	1/1/			
!	///			· · · · · · 2
X	11		and the second	PROJECT NO
>	×418	(Received	DATE
×0.		2 435	Electronically	DESIGNED DRAWN
		1. 87m	June 5, 2018	CHECKED
		Contraction of the	South District	REVIEWED
		C PRI-		SCALE AS SHOWN
				DRAWING TITLE
				SITE PLAN SITE 1
ALC: NO.	80'	160'	- / -)	A
			(N	
	PHIC SCALE			SHEET 1 OF 3
	4: 1" = 40' 7: 1" = 80'			/
			•	 ₽₽
	I		8	I I

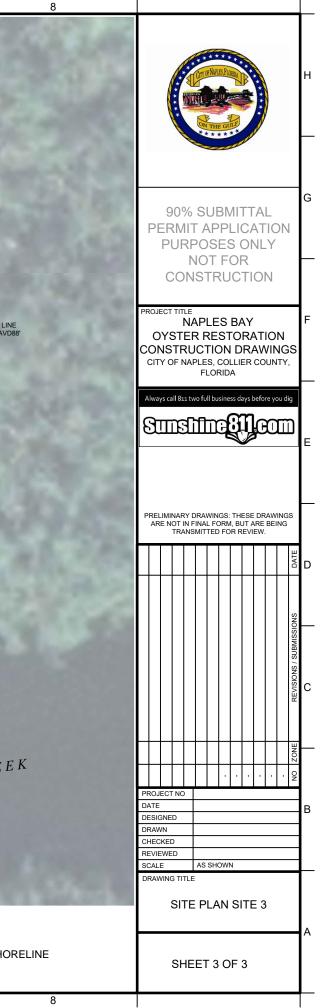


			8		-
	OYSTER	SITE 2 LOCA	TION TABLE		ſ
POINT	NORTHING	EASTING	DESCRIPTION		I
NUMBER				****	
501	649909.25	398801.47	OYSTER SEEDING SITE 2	The NAPLES PICE	ŀ
502	649888.06	398812.99	OYSTER SEEDING SITE 2		ľ
503	649869.27	398875.90	OYSTER SEEDING SITE 2		
504	649856.47	398918.77	OYSTER SEEDING SITE 2		
505	649824.97	398936.34	OYSTER SEEDING SITE 2	ON THE GULE	L
506	649807.09	398931.74	OYSTER SEEDING SITE 2	******	ŀ
507	649785.21	398932.09	OYSTER SEEDING SITE 2		L
508	649761.95	398938.16	OYSTER SEEDING SITE 2		L
509	649737.40	398935.71	OYSTER SEEDING SITE 2		
510	649710.56	398936.82	OYSTER SEEDING SITE 2		
511	649655.91	398939.10	OYSTER SEEDING SITE 2	90% SUBMITTAL	L
512	649596.43	398971.41	OYSTER SEEDING SITE 2	PERMIT APPLICATION	L
513	649626.98	399027.65	OYSTER SEEDING SITE 2	PURPOSES ONLY	L
514	649607.06	399094.95	OYSTER SEEDING SITE 2		L
515	649675.08	399132.79	OYSTER SEEDING SITE 2	NOT FOR	Γ
516	649742.92	399143.02	OYSTER SEEDING SITE 2	CONSTRUCTION	L
517	649794.69	399103.13	OYSTER SEEDING SITE 2		L
518	649833.91	399070.10	OYSTER SEEDING SITE 2	PROJECT TITLE	I
510	649883.67	399070.10	OYSTER SEEDING SITE 2	NAPLES BAY	I
519	649883.67 649911.87	399035.44	OYSTER SEEDING SITE 2	OYSTER RESTORATION	l
			OYSTER SEEDING SITE 2	CONSTRUCTION DRAWINGS	l
521	649938.98	398952.43		CITY OF NAPLES, COLLIER COUNTY,	
522	649972.26	398917.46	OYSTER SEEDING SITE 2	FLORIDA	ļ
	R REEF	AREA		PRELIMINARY DRAWINGS: THESE DRAWINGS	
RESTC (1.35 A				PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR REVIEW.	
RESTC (1.35 A	ORATION CRES)			ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR REVIEW.	
RESTC (1.35 A	DYSTER	REEF	TER LINE IS REQUIRED	ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR REVIEW.	
COSED C	OYSTER	REEF	S.	ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR REVIEW.	
ET FROM OF OYS VILL BE C	OYSTER	REEF I HIGH-WA' MATERIALS TED OF: BL		ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR REVIEW.	
ET FROM	DYSTER DYSTER	REEF HIGH-WAY WATERIALS TED OF: BL ROCK	S.	ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR REVIEW.	
ET FROM OSED (OSED (OF OSE) VILL BE (VILL HAV	DYSTER DYSTER	REEF I HIGH-WA' MATERIALS TED OF: BL ROCK M OF 5 FT	3. .UE SHADED - LOOSE .GAPS AT LEAST EVER)	ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR REVIEW.	
ET FROM OSED (OSED (OF OYS VILL HAC AS MEA	A THE MEAN THE MEAN THE REEF CONSTRUCT MIMESTONE (E A MINIMU	REEF HIGH-WAY MATERIALS TED OF: BL ROCK MO OF 5 FT RALLEL TO	3. .UE SHADED - LOOSE .GAPS AT LEAST EVER)	ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR REVIEW.	
ET FROM OSED O OSED O OF OYS WILL HAV AS MEA	A THE MEAN THE REEF I CONSTRUC LIMESTONE LIMESTONE SURED PAF	REEF HIGH-WAY MATERIALS TED OF: BL ROCK MO OF 5 FT RALLEL TO	3. .UE SHADED - LOOSE .GAPS AT LEAST EVER)	ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR REVIEW.	
ET FROM OSED O OSED O OF OYS WILL HAV AS MEA	A THE MEAN THE REEF I CONSTRUC LIMESTONE LIMESTONE SURED PAF	REEF HIGH-WAY MATERIALS TED OF: BL ROCK MO OF 5 FT RALLEL TO	3. LUE SHADED - LOOSE GAPS AT LEAST EVER THE	ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR REVIEW.	
ET FROM OSED O OSED O OF OYS WILL BE O VILL INE O VILL INE O AT THE S 80'	A THE MEAN TER REEF P CONSTRUC LIMESTONE SURED PAR SEA FLOOR	REEF I HIGH-WA' MATERIALS TED OF: BL ROCK ROCK M OF 5 FT RALLEL TO	3. LUE SHADED - LOOSE GAPS AT LEAST EVER THE	ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR REVIEW.	
ET FROM OSED O OSED O OF OYS WILL BE O VILL HAV AT THE S 80'	A THE MEAN TER REEF P CONSTRUC LIMESTONE SEA FLOOR	REEF I HIGH-WA' MATERIALS TED OF: BL ROCK ROCK M OF 5 FT RALLEL TO	3. LUE SHADED - LOOSE GAPS AT LEAST EVER THE	ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR REVIEW.	
ET FROM OSED O OSED O OF OYS WILL BE O VILL INE O VILL INE O AT THE S 80'	A THE MEAN CRES) DYSTER A THE MEAN THE REEF CONSTRUC LIMESTONE /E A MINIMU SURED PAR SEA FLOOR	REEF I HIGH-WA' MATERIALS TED OF: BL ROCK ROCK M OF 5 FT RALLEL TO	3. LUE SHADED - LOOSE GAPS AT LEAST EVER THE	ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR REVIEW.	

Attachment B - Modified FDEP Permit



City of Naples



MEAN HIGH WATER LINE ELEVATION: 0.30' NAVD88

ROCK CREEK