Attachment F

Naples Bay Oyster Reef Restoration RFP 18-063

July 2018

The following designs are currently fully permitted; however, the reef layout and materials have been redesigned. The new USACE Permit (Attachment H) reflects the new design. A permit modification for the FDEP permit has been applied for and is expected to be issued within the RFP period – new permit will be posted as an addendum to the RFP. We expect the permit conditions to remain the same as currently permitted.

Wave attenuation structures: The design for the chevron-shaped wave attenuation reef ball structures will remain the same. Wave attenuation structures shall be constructed on Option 1 (marine mattress).

Reef materials and layout: The reef materials and layout within the footprints has changed. These are shown in Attachments B-E (Sites 1-3 Oyster Reef Design; Typical Reef Cross Section).

Signage: The signage for Sites 1 and 2 will remain the same as the currently permitted plans, with the exception of an additional single piling educational sign to be constructed within the reef area at Site 1 (Attachment B). There will be no signage at Site 3.



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NAPLES BAY OYSTER RESTORATION CONSTRUCTION DRAWINGS CITY OF NAPLES, COLLIER COUNTY, FLORIDA





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INDIAN RIVER

ST. LUCIE

MARTIN

BROWARD

DADE

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н	PROJECT NOTES DEFINITIONS 1. <u>OWNER</u> : CITY OF NAPLES AND THE ENTITY UNDER CONTRACT WITH THE CONTRACTOR TO PERFORM THE WORK. 2. <u>ENGINEER</u> : OWNER'S DESIGNATED REPRESENTATIVE FOR CONSTRUCTION INSPECTION AND OVERSIGHT. 3. <u>ENGINEER OF RECORD (EOR)</u> : 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>U.N.O.</u> : UNLESS NOTED OTHERWISE	3. UNLE TO TI WOR 4. ALL F 5. ALL \$ 6. SUBM ENG TECHNICA PART 1 W	L ESS MODIFIED BY HE ENGINEER IN W KKING DAYS, PREF REQUIRED SUBMITALS REQU MITTALS REQU MITTALS SHALL IN INEER. L SPECIFICATION: (AVE ATTENUAT)O	THE CONTRACT DOCU VRITING IN A FORMAT. ERABLY 10 WORKING I TALS OR MANUFACTU JIRE REVIEW AND ACC CLUDE UP TO 7 COPIES	L MENTS, SUBMITT ACCEPTABLE TO DAYS, BEFORE A RER'S INFORMAT EPTANCE BY THI S AS REQUESTED	ALS AND REQUEST THE ENGINEER ANI TION IS REQUIRED ION SHALL BE IN U. E ENGINEER. BY THE ENGINEER	FOR INFORMATION SHALL D SHALL BE SUBMITTED A M S. CUSTOMARY UNITS.	L BE SUBMITTED AINIMUM OF 6	(i 1. T 2. U T 3. T i 1. T C 2. C	- I d. Quality Assurance i. Stone Fill Materials: The Bedding Stone Shall be Soun OPEN OR INCIPIENT CRACKS OR OTHE UNLESS OTHERWISE SHOWN ON THE THE STONE BEDDING SHALL POSSESS THE REQUIRED GRADATION SHALL BE ii. GEOTEXTILE FILTER FABRIC SHAL THE GEOTEXTILE FILTER FABRIC SHAL THE GEOTEXTILE FILTER FABRIC SHAL OR AS DIRECTED BY THE ENGINEER. CONTRACTOR'S SUBMITTALS SHALL IN	D, HARD, ANGULAR ROC ER STRUCTURAL DEFECT CONSTRUCTION DRAWIN 5 A BULK SPECIFIC GRAV "ASTM NO 3" STONE WIT LL BE INSTALLED IN LOC/ NCLUDE A DESCRIPTION
G	PROJECT NOTES: 1. ALL ELEVATIONS SHOWN ARE IN FEET AND REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). 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.	A. SCOP AS S ATTE BALL PREF B. CON 1. THE IRRE FEET 2. THE FAET	PE OF WORK - WG SHOWN ON THE ENUATION STRUCT FOUNDATION. TC PARED FOUNDATIC CRETE REEF BALL REQUIRED CONCF SEPECTIVE OF NON I WIDE AT THE BAS CONTRACTOR IS I RECATION TECHNIC	DRK UNDER THIS SEC DRAWINGS AND AS URE SHALL INCLUDE 0 HELP STABLIZE SOF 0N USING ONE OF TWO [™] SPECIFICATIONS RETE UNITS ARE "ULTR dENCLATURE, THE UNI 3E. RESPONSIBLE FOR ENS 4.0 SPECIECATIONS OF 0.0 SPECIECATIONS OF	TION INCLUDES I DESCRIBED IN CONCRETE REE T FOUNDATION S OPTIONS SHOW A" BALLS (OR AS TS ARE REQUIRE SURING THAT TH	URNISHING AND IN THESE AND OTH F BALL [™] UNITS AS OLS AT THE SITE, N AND DESCRIBED MIGHT BE CURREN D TO HAVE NOMINA E REEF BALL [™] UNIT	ISTALLING A WAVE ATTEN ER SPECIFICATIONS/NOTE FABRICATED AND SUPPLIE THE REEF BALLS™ SHALL I TLY TERMED BY SUPPLIER AL DIMENSIONS OF 4.3 FEET TS AS SUPPLIED MEET THE CONTRACTOR SHALL NOT	UATION SYSTEM IS. THE WAVE D BY THE REEF BE PLACED ON A I HIGH AND 5.5 MATERIAL AND ISY THE	PART 2 PART 2 A. S M B. (1. D	AGNIC 10 THE SUBMERCED BOTTOM REQUISION FOR SUFFICIENT OVERLAF TEARING. 2 - OYSTER HABITAT PODS SCOPE OF WORK - WORK UNDER TH WESH INTO BAGS, FILLING THE BAGS SEHIND THE WAVE ATTENUATION STT ANY SHOP DRAWINGS AND AS DIRECT OYSTER HABITAT POD SPECIFICATION SEFINITIONS:	OWITH THE BEDDING STO OF THE GEOTEXTILE AN IS SECTION INCLUDES F S WITH OYSTER SHELL/C RUCTURE. DESIGN DETAI TED BY THE ENGINEER. NS
F	 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 OBSERVATION BY THE ENGINEER, REGULATORY 	I. OPTI I. OPTI I. OPTI I. OPTI I. IN Af b. DI I. P(TT C C PI	AIGATION TECHNIC INEER IN WRITING NDATION PREPAR CONTRACTOR SH ENUATION STRUCT ION 1: POLYMERIC HIS SECTION INCL (CLUDING MATTRE S DIRECTED BY TH EFINITIONS: OLYMERIC MARINI O INSTALLATION. F UNTREC MARINI O INSTALLATION. TO COMPRISED OF ST LACEMENT AND PI	AL SPECIFICATIONS O OF ANY EXCEPTIONS I ATION SPECIFICATIONS ALL USE ONE OF THE T URE MARINE MATTRESS UDES FURNISHING AT SS THICKNESS SHALL IE ENGINEER. E MATTRESS - A NON- ILLING IS ACHIEVED V RUCTURAL GEOGRID. ROVIDE CONTAINMENT	I THE REEF BAL R DEVIATIONS I NO FOLLOWING ID INSTALLING A BE AS SHOWN (METALLIC COMP. HILE EACH UNIT BRAID, AND ME OF AGGREGATE	FOUNDATION. THE ROM THE PUBLISH FOUNDATION OPTI- N POLYMERIC MARI IN THE CONTRACT ARTMENTAL STRUC IS POSITIONED ON CHANICAL CONNEC FILL.	ECONTRACTOR SHALL NOT ED REEF BALL SPECIFICAT ONS BENEATH THE REEFB/ NE MATTRESS SYSTEM. I DRAWINGS, ON THE SHOP TURE FILLED TIGHTLY WIT EDGE PRIOR TO INSTALLA CTION ELEMENTS FABRICA	IFY THE IONS. ALL WAVE DESIGN DETAILS DRAWINGS AND IN STONE PRIOR TION. UNITS ARE ITED TO ALLOW		 a. POLYETHYLENE MESH MATERIAL: APERTURES MAY BE DIAMOND OR INCHES. OTHER PARAMETERS: i. COLOR: ii. HOLE SIZE (MAXIMUM)(IN.): iii. ROLL WIDTH (IN.): iv. ROLL LENGTH (FT.): v. PMSF (LBS/1000SF): vi. RESIN (MATERIAL): vii. RESIN GRADE: b. APPROVED SOURCE: AN APPROVEI c. SUBSTITUTE MESH: OTHER SOUR ARE ACCEPTED IN ADVANCE BY TH d. OYSTER SHELL/CULTCH FILL: CON 	TUBULAR KNITTED NETT OCTAGONAL IN SHAPE I BLACK 0.25 24 100 110 POLYETHYLENE FDA NON-COMPL D SOURCE OF OYSTER B CES OF OYSTER MESH E ENGINEER.
E	 AGENCIES, AND OWNER. 9. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH THE ENGINEER AS NECESSARY FOR CONSTRUCTION OBSERVATION 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 ENGINEER'S OBSERVATION. WORK THAT IS ASSEMBLED OR COVERED SO THAT THE ENGINEER CANNOT OBSERVE THE WORK PROPERLY SHALL BE DISASSEMBLED, UNCOVERED, OR DESTROYED AS NECESSARY FOR OBSERVATION. 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 OCUMENTS. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ALL DEFECTIVE MATERIALS AND WORK 	II. GE PC EA c. CC i. SL MM 1. GEO 2. MECI 3. SHOI 4. GEO SUPI 5. SUBI	EUGRID™ - AN IN OLYETHYLENE (HI ARTH TECHNOLOG ONTRACTOR SHAL UBMIT PRODUCT OBILIZATION. SUB GRID™. HANICAL CONNEC P DRAWINGS - SUI GRID PRODUCT D. PLIED MEETS THE MIT MANUFACTUR	ITEGRATLY FORMED (PEP) AND / OR POLYPI JES, INC., ATLANTA, G/ L: SAMPLES AND OTHE MITTALS SHALL INCLUI TION ELEMENTS. SMIT DETAILS OF THE T ATA SHEET AND CERTI REQUIREMENTS OF THE EN'S GENERAL RECOM	COPYLENE (PP) I A OR THEIR DESI IN INFORMATION DE: TYPICAL SECTION FICATION FROM IIS SECTION AND MENDATIONS AN	E MANUFACTORY MATERIAL AN APPR SNATED REPRESEN IS AND CONNECTICE INE MANUFACTURE THE DRAWINGS. D INSTRUCTIONS F	OF A STRESS RESISTAN ROVED SOURCE OF GEOGR ITATIVE S REVIEW AND ACCEPTA INS. IR THAT THE GEOGRID PRC OR FABRICATION. FILLING.	Inigh Density RD™ IS TENSAR INCE PRIOR TO DDUCT	2. C	AND CHARACTERISTICS FOR CULT CULTCH SHALL BE HARD, DURAE SUSPENDED OR CAUSE TURBIDITY CONTRACTOR SHALL: a. FURNISH OYSTER BAG MESH AS SF b. FABRICATE BAGS FROM THE ME MANUFACTURER/SUPPLIER. THE F FILLED BAG WITH FINAL DIMENS HIGH/THICK. c. FILL EACH FABRICATED BAG WITH T I THE DEGREE OF EILURG AND DR	CH TO FILL THE BAGS DE BALE AND FREE FROM D IN THE WATER COLUMN. PECIFIED IN SUFFICIENT (SH USING NONMETALL ABRICATED FLAT DIMEN IONS OF APPROXIMATE THE APPROPRIATE SHELL JOKING SHALL BE ADEC
D	 AT NO COSTS TO THE OWNER WITHIN THE STATED WARKANTY PERIOD. ALL PERMANENT MATERIAL SHALL BE NEW. USED, RECONDITIONED, OR REMANUFACTURED MATERIAL SHALL NOT BE ALLOWED UNLESS APPROVED BY THE OWNER IN WRITING. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. THE CONTRACTOR SHALL VERIFY THE EXISTENCE OF ALL ABOVE-GROUND, BELOW-GROUND, AND SUBMERGED UTILITIES WITHIN THE SITES. IF ANY UTILITIES ARE FOUND, CONTRACTOR MUST LOCATED & MARK LOCATIONS BEFORE BEGINNING WORK. IN THE EVENT OF A CONFLICT BETWEEN THE SPECIFICATIONS AND THE DRAWINGS, THE DRAWINGS SHALL GOVERN. 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. THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES AS NECESSARY TO COMPLY WITH LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS. EROSION CONTROL MEASURES MUST BE IMPLEMENTED PRIOR TO 	AND ii. F(M, SI iii. F C C T t d. Q i. D M A i. i. s 1. THE	REPAIR. URNISH REQUIRE ATERIALS AS SPE UFFICIENT QUANT ABRICATE, FILL A UPPLIER'S RECOM ONFORMITY WITH HE ENGINEER. SOI UALITY ASSURAN(LIVERY, STORAG ELIVERY, STORAG ATERIALS FROM BOVE -20 DEGREE STONE FILL MATER STONE FILL SHALL	D QUANTITIES OF GE CIFIED HEREIN AND S ITIES TO FORM LIFTING ND PLACE THE POLYI MENDED TECHNICAL THE LINES, GRADES A ME PRE-FABRICATION E E, AND HANDLING: PF COMING IN CONTACT S F (-29 DEGREES C). IALS: BE SOUND, HARD, AN	OGRIDS™, BRA HOWN ON THE HOOPS FOR TH MERIC MARINE I SPECIFICATIONS ND DIMENSIONS OF THE UNITS M EVENT EXCESS WITH AND AFFI GULAR ROCK TH	D, MECHANICAL C CONTRACT DRAWI E UNITS. IATTRESS UNITS II THE FOUNDATION SHOWN ON THE C IY BE ACCOMPLISH VE MUD, WET CON (ING TO MATTRES AT IS WASHED, FRE	ONNECTION ELEMENTS A NGS. GEOGRID MATERIAL N ACCORDANCE WITH THI SHALL BE PLACED IN REA ONTRACT DRAWINGS OR E ED PRIOR TO DELIVERY TO ICRETE, EPOXY, OR OTHE S MATERIALS; STORE AT EE RUBBLE AND WITHOUT C	ND STONE FILL SHALL INCLUDE S SECTION AND SONABLY CLOSE STABLISHED BY THE SITE. R DELETERIOUS TEMPERATURES	i 3. S	TIGHTLY CONFINED SHELL PIECES SPACES OR SHIFTING OF SHELL PIE I. HOWEVER, FILLING SHALL BE ACC BULGING OF THE BAG OR INADEOU d. STACK FILLED OYSTER BAG UNIT CLOSE CONFORMITY WITH THE ESTABLISHED BY THE ENGINEER. DELIVERY TO THE SITE. SUBMITTALS ARE REQUIRED AS FOLL a. MESH MANUFACTURERS DATA SHE b. PRODUCT SAMPLE c ANY SHOP DRAWINGS FOR PROPED	SLIGHT BULGING (ROL L DURING LIFTING. MPLISHED IN A MANNER ATE SUPPORT. S INTO MODULES/PODS LINES, GRADES AND I SOME PRE-FABRICATION DWS: ET SED WORK
с	 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 PERMANENT USCG WARNING SIGNAGE AND ANY OTHER REQUIRED MARKERS (SEE SHEET C-12), AND WARNING BUOYS IN PLACE BEFORE REMOVING TEMPORARY CONSTRUCTION WARNING BUOYS AND SIGNS AND EROSION CONTROL MEASURES TO ENSURE THE PUBLIC IS AWARE OF PERMANENT SUBMERGED STRUCTURES WITHIN THE WATERWAYS. 19. ACCESS AND POTENTIAL STORAGE AREAS ARE SHOWN ON SHEET C-3. CONTRACTOR MAY INDEPENDENTLY ARRANGE FOR ADDITIONAL STORAGE AREAS AND STO THE CITY OF NAPLES. ALL STAGING AND ACCESS AREAS SHOWN ON THE DRAWINGS MUST BE RETURNED TO INITIAL CONDITIONS UPON COMPLETION OF THE PROJECT. SATISFACTORY SITE RESTORATION IS A REQUIREMENT OF DEMOBILIZATION, AND THEREFORE, A CONDITION OF FINAL PAYMENT. 	INCIF 2. UNLE THE 3. THE THE STOP III.GI 1. THE BY T 2. THE GEO	PIENT CRACKS OR ESS OTHERWISE S STONE FILL SHALL MINIMUM DIAMETI STONE GREATER NE USED SHALL BI GEOTEXTILE FILTEF GEOTEXTILE FILTI HE ENGINEER. ENGINEER MAY AI TEXTILE MATERIA	OTHER STRUCTURAL HOWN ON THE CONST. POSSESS A BULK SPI ER OF STONE USED FO THAN 1-1/2 INCH. THE I 6 INCHES. 6 INCHES. FABRIC: ER FABRIC SHALL BE IN PPROVE PLACING THE TO EACH UNIT WITH I	DEFECTS. RUCTION DRAWI CIFIC GRAVITY (R FILLING THE G MEAN DIAMETER ISTALLED AS INE GEOTEXTILE SIM ROVISION FOR S	NGS OR SHOP DRA PF AT LEAST 2.30. RIDS SHALL BE 2 IN OF STONE SHALL B ICATED ON THE CO ULTANEOUSLY WIT SUFFICIENT OVERLI	WINGS OR APPROVED BY T CHES WITH THE SMALLEST E 4 INCHES. THE MAXIMUM INSTRUCTION DRAWINGS C H THE UNITS BY PRE-ATTA AP OF THE GEOTEXTILE	HE ENGINEER, DIMENSION OF DIAMETER OF OR AS DIRECTED CHING THE	REPAIF BY THI ADDITI PART 3 A. S	d. MANUFACTURERS GENERAL RECO e. GRADATION/CERTIFICATION FROM RS: ANY UNITS DAMAGED DURING FA IE ENGINEER OR SHALL BE REPLA IONAL COST TO THE OWNER. 3 - MEASUREMENT AND PAYMENT: SCOPE: THIS SECTION DESCRIBES HI WHEN MAKING PROGRESS PAYMENT SOD PACH UNE THEM DAVMENT SHALL	MMENDATIONS AND INST SHELL CULTCH SUPPLIEF BRICATION, FILLING, OR CED BY THE CONTRAC OW LINE ITEMS IN THE B S. WORK TO BE MEASUR J BE IN ACOMPANCE V
	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	II. OPTI a. Th SC A.S b. DI i. M W	ION 2: 8" BEDDING HIS SECTION INCL OIL STABILIZATION S SHOWN ON THE EFINITIONS: ARINE GRADE FIL [*] /OVEN KNITTED G	STONE: JDES FURNISHING ANI I AND SCOUR PROTEC CONTRACT DRAWING TER FABRIC: A HIGH ST EOTEXTILE IN COMBIN	D INSTALLING FIL TION SYSTEM. ON THE SHOP RENGTH BI-DIRE ATION WITH A N	TER CLOTH AND BE DESIGN DETAILS, II DRAWINGS AND AS CTIONALLY ORIENT ON-WOVEN FILTER	EDDING STONE TO FORM A NCLUDING BEDDING THICK DIRECTED BY THE ENGINE ED COMPOSITE MADE FRC ING GEOTEXTILE. ONE SU	CONVENTIONAL NESS, SHALL BE ER. M A POLYESTER CH MATERIAL IS	T P R B. P 1. L F C	THE WORK IN THOSE LINE ITEMS. TO PORTIONS OF THE WORK; HOWEVER EQUESTS SHALL NOT BE SUBMITTED PAYMENT ITEMS: INE ITEM NO. 1.0: "BONDS AND INSUR FROM THE CONTRACTOR, FOLLOWING DWNER.	HE CONTRACTOR MAY R, EXCEPT FOR MOBILIZ MORE FREQUENTLY TH ANCE." PAYMENT FOR TH S SUBMITTAL OF APPROP
В	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. THE CONTRACTOR SHALL INCLUDE THE COST OF AN AS-BUILT SURVEY IN THE BID PRICE AND SHALL STATE A SEPARATE PRICE FOR THAT AS-BUILT SURVEY IN THE BID PRICE. THE AS-BUILT SURVEY SHALL BE SIGNED AND SEALED BY A SURVEYOR-MAPPER 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 ACCEPTANCE. 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 ON REWER VERSION	M, FC ii. BE W Rf c. C(i. St M 1. STOI 2. FILTF MEE	ACTEX® C2 FROM OR REVIEW AND A EDDING STONE: S //THOUT OPEN O EQUIREMENT DES ONTRACTOR SHAI UBMIT PRODUCT OBILIZATION. SUB NE SAMPLES AND ES AMPLES AND TS THE REQUIREM	AACCAFERRI, INC. A CCEPTANCE BY ENGIN TONE THAT IS SOUND R INCIPIENT CRACKS CRIBED BELOW. L: SAMPLES AND OTHE MITTALS SHALL INCLUI GRADATION CERTIFIC/ CT DATA SHEET AND C EINTS OF THIS SECTIO	N EQUIVALENT A EER. O, HARD, ANGUL OR OTHER ST ER INFORMATION DE: NTIONS FROM PR ERTIFICATION FF N AND THE DRAW	LTERNATIVE MATE AR ROCK THAT IS RUCTURAL DEFEC N FOR ENGINEER OPOSED SUPPLIER OM THE MANUFAC VINGS.	RIAL MAY BE PROPOSED B CLEAN, WASHED, FREE C TS, AND WHICH MEETS 1 S REVIEW AND ACCEPTA TURER THAT THE PRODUC	Y CONTRACTOR FRUBBLE, AND HE GRADATION NCE PRIOR TO	2. L A C 3. L P i	INE ITEM NO. 2.0: "CONSTRUCTION LA LUMP SUM UPON REQUEST FROM THE ALTHOUGH PAYABLE AS A SEPARATE COMPLETION AND THEREFORE RELEA LINE ITEM NO. 3.0: "MOBILIZATION AND PARTS AS DESCRIBED BELOW: a. MOBILIZATION: THE CONTRACTOR UPON SUCCESSFUL MOBILIZATION DEFINED AS COMPLETING AND/OR i. SUBMITTING FOR REVIEW AND SUE AND INSURANCE;	YOUT AND AS BUILT SUR CONTRACTOR, FOLLOW BID ITEM, SUBMITTAL OF SE OF ANY AND ALL FINA DEMOBILIZATION." PAY MAY SUBMIT A REQUES IN PREPARATION FOR PROVIDING ALL THE FOL ISEQUENT ACCEPTANCE
A	SUBMITTALS AND TESTING REQUIREMENTS 1. 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 IN REQUESTED.	3. ANY PLAC ii. FL Th iii.PL Th PL DI	SHOP DRAWINGS 2EMENT. S. URNISH REQUIREL HE CONTRACT DR LACE THE MARINE HIS SECTION AND LACED IN REASON RAWINGS OR EST,	- SUBMIT DETAILS OF QUANTITIES OF FILTE AWINGS. FILTER FABRIC AND ANY SUPPLIER'S RECC ABLY CLOSE CONFOR BLISHED BY THE ENG	THE INSTALLATIC R CLOTH AND BI ADD THE REQU MMENDED TECH MITY WITH THE I NEER.	N INCLUDING EQUI EDDING STONE TO (RED THICKNESS O NICAL SPECIFICATI INES, GRADES ANI	PMENT TO BE USED FOR S' CONSTRUCT A FOUNDATIO F BEDDING STONE IN ACC ONS. THE FOUNDATION/BE D DIMENSIONS SHOWN ON	TONE N AS SHOWN ON CORDANCE WITH DDING SHALL BE THE CONTRACT	i i	ii. SUBMITTING FOR REVIEW AND SUB THE SPECIFICATIONS, INCLUDIN DESIGNATION OF CONTRACTOR C PROTECTION MEASURES, AND ALL iii. ATTENDING A PRE-CONSTRUCTION iv. ESTABLISHING A PROJECT CON	ISEQUENT ACCEPTANCE G SUBCONTRACTOR ONTACT INDIVIDUALS, C OTHER SIMILAR SUBMITI MEETING IN THE CITY O STRUCTION OFFICE IN



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н	APPROPRIATE FOR THE CONTRACTED V. ACQUIRING AND INSTALLING ANY AND TO ENSURE THAT THERE IS NO RUN ONTO ADJACENT PROPERTY OR WA CONTRACTOR AS PART OF HIS LUMP : b. DEMOBILIZATION: THE CONTRACTOR LUMP SUM PRICE FOR LINE ITEM CONTRACTED WORK. "SUCCESSFU FOLLOWING:	D WORK; D ALL SUCH BMPS AS MAY BE NECESSARY AT ALL IOFF, SILTATION, TURBIDITY, OR OTHER NEGATIVE TERBODIES. ALL COSTS FOR ANY REQUIRED BMF SUM PRICE FOR MOBILIZATION; MAY SUBMIT A REQUEST FOR PAYMENT OF THE 3.0 AFTER SUCCESSFUL DEMOBILIZATION FOL L DEMOBILIZATION' IS DEFINED AS COMPLETING	STAGING AND LAYDOWN AREAS IMPACTS FROM THOSE AREAS S SHALL BE INCLUDED BY THE REMAINING 35% OF THE TOTAL LOWING COMPLETION OF THE S AND/OR PROVIDING ALL THE				- SITE 3 PROPOSED OYSTER BAG
	 SUBMITTING FOR REVIEW AND SUBSE WORK. THE COST OF THE SURVEY W REQUIREMENT OF DEMOBILIZATION; REMOVAL OF ALL ENVIRONMENTAL PF REMOVAL OF ALL CONTRACTOR EQ STACINICA DEES: 	EQUENT ACCEPTANCE BY OWNER OF FINAL 'AS BUI VILL BE PAID AS A SEPARATE LINE ITEM; HOWEVER ROTECTION MEASURES FOR THE REEF SITE(S) AND VUIPMENT, UNUSED MATERIALS AND SUPPLIES F	LT' SURVEY OF THE COMPLETED 2, SUBMITTING THE SURVEY IS A ANY STAGING AREAS; OR THE REEF SITES AND ANY				
G	S I AGING AREAS; iv. RESTORATION TO PRE-CONSTRUCTI ACCESS AREAS, INCLUDING REMOVAI 4. LINE ITEM NO. 4.0 A OR 4.0 B. "WAVE ATTE ROCK, ALL FOUNDED UPON OPTION 1 OR FOR EACH COMPONENT OF THE WAVE A' CONTRACTOR FOR LENGTHS OF FULLY I DESIGN AS SHOWN ON THE CONSTRUCT a. PAYMENT SHALL BE MADE AT THI CONSTRUCTED WAVE ATTENIATION	ON CONDITIONS TO THE SATISFACTION OF OWI LOF ALL BMPS PROVIDED; ENUATION STRUCTURE - FULLY COMPLETED CROS: YOPTION 2. RATHER THAN MEASURE, ACCOUNT FC TTENUATION STRUCTURE SEPARATELY, IT IS THE C NSTALLED AND COMPLETED STRUCTURE MEETING ION DRAWINGS. E CONTRACTOR'S BID AND CONTRACT PRICE N. STRUCTURE CROSS-SECTION HAVING ALL	NER OF ANY/ALL STAGING AND S-SECTION, INCLUDING END RUSE IN THE DESIGN AND PAY WINER'S DESIRE TO PAY THE ALL REQUIREMENTS OF THE PER LINEAR FOOT OF FULLY FLEMENTS AND FEATURES IN		LANDINGS PARK PUBLIC BOAT RAMP		Sumayus at
	ACCORDANCE WITH THE DESIGN AS MEASURED ALONG THE CENTERLINE (b. CONTRACTOR'S REQUESTS FOR PAY ITEM IS DEFINED AS A MINIMUM STR BECAUSE OF THE INHERENT IRREGU SCOUR ROCK IN SOME LOCATIONS, WILL BE IDENTICAL IN COMPOSITION	SHOWN ON THE DRAWINGS. THE LENGTH OF STF OF THE STRUCTURES ON THE LONG AXES. MENT SHALL BE BY ACCEPTANCE SECTION. AN A UCTURE CENTERLINE LENGTH OF SEVENTY (70) F JLARITY OF THE STRUCTURE AND ITS COMPONE BUT NOT AT ALL CROSS-SECTIONS), NOT EVERY	NUCTURE COMPLETED SHALL BE CCEPTANCE SECTION FOR THIS TEET. IT IS UNDERSTOOD THAT NTS (INCLUDING PRESENCE OF 70-FOOT ACCEPTANCE SECTION		STAGE STORAGE AREA 10th AVENUE S OPEN STORAGE SPACE AREA: APPROX. 5,800 S.F.		
F	WILE DE IDENTIFICATINA COMPLETING THE REQ NOTIFY THE OWNER AND ENGINEER VISIT WILL BE CONDUCTED BY OWN WILL BE INFORMED AS TO WHETHER / NOTED WHICH REQUIRE CORRECTIO SCHEDULED FOR REVIEW AT A TIME; AND PROCESSED FOR PAYMENT. 5. LINE ITEM NOS. 50. 70 AND 80: "TESH O	UIRED CROSS-SECTIONS WITHIN AN ACCEPTANCE THAT HE IS READY FOR OBSERVATION AND ACCE ER AND/OR ENGINEER AS EXPEDITIOUSLY AS PC A FORMAL PAYMENT REQUEST CAN BE SUBMITTED IN BY THE CONTRACTOR. MORE THAN ONE SEC HOWEVER, NO STRUCTURE LENGTHS SHORTER T YSTER HABITAT BAGS WITH SHELL FILL." RATHER T	SECTION, CONTRACTOR SHALL PTANCE OF THE WORK. A SITE SSIBLE AND THE CONTRACTOR , OR IF ANY DEFICIENCIES WERE TION MAY BE COMPLETED AND HAT 70 FEET WILL BE REVIEWED HAN MEASURE. ACCOUNT FOR		CITY OF NAPLES DOCK	str ±0	E 3 ROUTE 7 MILES
	USE IN THE DESIGN AND PAY FOR EACH TO PAY THE CONTRACTOR FOR GROUPS MEETING ALL REQUIREMENTS OF THE DE 5.0, 7.0 AND 8.0 SHALL BE MADE AS FOLL a AS SHOWN ON THE DRAWINGS BACS	COMPONENT OF THE OYSTER HABITAT SEPARATEL 5 OF FULLY FABRICATED, FILLED AND INSTALLED MI ESIGN AS SHOWN ON THE CONSTRUCTION DRAWIN OWS: 5 EABRICATED FROM THE POLYETHYLENE MESH A	Y, IT IS THE OWNER'S DESIRE ISH OYSTER BAG HABITAT GS. PAYMENT FOR LINE ITEMS			artistication of the second	
	 AS SHOWN ON THE DRAWINGS, BAG SHALL BE PLACED IN GROUPS OR MU OF STACKED BAGS IS DEFINED FOR CONTRACTOR'S BID AND CONTRACT SHOWN ON THE DRAWINGS b. CONTRACTOR'S REQUESTS FOR PAY 	DOULES USING AN ALTERNATING, STACKED CONF R PAYMENT AS A "POD." PAYMENT WILL BE MA F FOR EACH POD COMPLETED, INSTALLED IN A MENT SHALL BE BY ACCEPTANCE SECTION. AN A	IN FILLED WITH SPIELDOLETH, GURATION. EACH SUCH GROUP DE AT THE UNIT PRICE IN THE CCORDANCE WITH THE DESIGN CCEPTANCE SECTION FOR THIS				
E	ITEM IS DEFINED AS A MINIMUM OF T THE DRAWINGS. IT IS UNDERSTOOD VARIATIONS IN WATER DEPTH, NOT E HABITAT MEETING THE PROJECT INTE c. AFTER FULLY AND SUCCESSFULLY C PODS, THE CONTRACTOR SHALL NC	TEN (10) PODS FULLY COMPLETED AND INSTALLED 0 THAT BECAUSE OF THE INHERENT IRREGULARIT VERY POD WILL BE IDENTICAL IN FINAL SHAPE OR INT BASED ON AVERAGE OR TYPICAL INSTALLED P COMPLETING AND INSTALLING AS SHOWN ON TH DTIFY THE OWNER AND ENGINEER THAT HE IS F) AT THE SITE AS REQUIRED BY Y IN THE BAGS, STACKING AND SIZE. THE GOAL IS TO PROVIDE JDS. E DRAWINGS A MINIMUM OF 10 READY FOR OBSERVATION AND				》。 论
	ACCEPTANCE. A SITE VISIT WILL BE THE CONTRACTOR WILL BE INFORME DEFICIENCIES WERE NOTED WHICH F MAY BE COMPLETED AND SCHEDULEI BE REVIEWED AND PROCESSED FOR I d. NOTWITHSTANDING THE OWNER'S DE	CONDUCTED BY OWNER AND/OR ENGINEER AS EX D AS TO WHETHER A FORMAL PAYMENT REQUEST REQUIRE CORRECTION BY THE CONTRACTOR. MC D FOR REVIEW AT A TIME; HOWEVER, NO GROUPS PAYMENT; SIRE TO PAY FOR BID ITEMS 5.0, 7.0 AND 8.0 BASE	PEDITIOUSLY AS POSSIBLE AND CAN BE SUBMITTED, OR IF ANY RE THAN ONE 10-POD SECTION OF FEWER THAN 10 PODS WILL ED ON COMPLETED UNITS/PODS,				
D	CONTRACTOR SHALL MAINTAIN ALL F PURCHASE AND DELIVERY OF THE I INFORMATION BE SUBMITTED BY THE THE INSTALLED PODS MEET THE DESI 6. BID ITEM NO. 6.0: "FLOATING TURBIDITY E TURBIDITY BARRIERS MEETING THE TYP MADE PER LINEAR FOOT OF BARRIER AT MAY REQUEST VERIFICATION IN THE FOR MADE PER LINEAR FOOT OF BARRIER AT	RECEIPTS, WEIGHT TICKETS AND OTHER SUCH DO MESH MATERIAL AND SHELL/CULTCH FILL, ENGIN CONTRACTOR FOR ENGINEER'S REVIEW AS SUPP IGN INTENT. BARRIERS." CONTRACTOR IS REQUIRED TO FURNIS E AND ANCHORING REQUIREMENTS SHOWN ON TH THE UNIT PRICE SHOWN IN THE CONTRACTOR'S BI M OF RECEIPTS, FIELD MEASUREMENTS AND/OR S	CUMENTATION RELATED TO HIS EER MAY REQUEST THAT THIS ORTING DOCUMENTATION THAT HAND INSTALL FLOATING E DRAWINGS. PAYMENT WILL BE DAND CONTRACT. ENGINEER ITE PHOTOS FROM THE				- SITE 2 PROPOSED OYSTER BAG
	 C. GENERAL PAYMENT PROCEDURES. 1. MONTHLY PROGRESS PAYMENT. THE CO MORE OFTEN THAN MONTHLY, AN APPLIC THE APPLICATION SHALL DESCRIBE THE MEASUREMENTS, THE PLACEMENT VERI REQUIRED BY THE CONTRACT DOCUMEN PAYMENT APPLICATIONS SHALL BE PROC CONTRACT 	IER PROVIDED AND INSTALLED. DNTRACTOR SHALL SUBMIT TO THE OWNER AND EN CATION FOR PROGRESS PAYMENT FILLED OUT AND WORK COMPLETED AND BE ACCOMPANIED BY VER FICATION REPORT, AND ADDITIONAL SUPPORTING, ITS AND ALSO AS MAY REASONABLY BE REQUIRED CESSED AND PAYMENTS MADE AS PROVIDED FOR I	IGINEER FOR REVIEW, NOT SIGNED BY THE CONTRACTOR. IFIED QUANTITY DOCUMENTATION AS IS BY THE OWNER AND ENGINEER. N THE OWNER'S GENERAL				
с	2. FINAL PAYMENT. a. FOLLOWING WRITTEN NOTICE FROM OBSERVE THE WORK WITHIN FIVE (5) REQUIRED, WILL NOTIFY THE CONT REVEALS THAT THE WORK IS INCOMP	CONTRACTOR THAT THE WORK IS COMPLETE, TH DAYS OF THE RECEIPT OF THE WRITTEN NOTICE F RACTOR IN WRITING OF ALL PARTICULARS IN LETE OR DEFECTIVE.	IE OWNER AND ENGINEER WILL ROM THE CONTRACTOR AND, IF WHICH THE FINAL INSPECTION				SITE 2 ROUTE ±1.8 MILES
	b. THE CONTRACTOR SHALL IMMEDIATE AFTER THE CONTRACTOR HAS COM ENGINEER AND PROVIDED ANY R REPORTS, DATA REQUESTED BY THE RECORD DOCUMENTS, AND ALL OTHI AFTER THE ENGINEER HAS INDICATE APPLICATION FOR FINAL PAYMENT DOCUMENTATION CALLED FOR MITTY	ELY TAKE SUCH MEASURES AS ARE NECESSARY T IPLETED ALL SUCH CORRECTIONS TO THE SATIS IEQUIRED QUALITY CONTROL REPORTS, POST E ENGINEER, GUARANTEES, BONDS, CERTIFICATE ER DOCUMENTS AS REQUIRED BY THE CONTRACT D THAT THE WORK IS ACCEPTABLE TO THE OWNEL . THE FINAL APPLICATION FOR PAYMENT SHA	O REMEDY SUCH DEFICIENCIES. SFACTION OF THE OWNER AND CONSTRUCTION VERIFICATION S OF INSPECTION, AS-BUILT OR T DOCUMENTS OR OWNER, AND R, THE CONTRACTOR MAY MAKE LL BE ACCOMPANIED BY ALL CHEDILIES AS THE OMNER MAY			SITE 1 ROUTE ± 19 MILES	-
В	REASONABLY REQUIRE, TOGETHER W TO OWNER) OF ALL LIENS ARISING OU C. FOLLOWING RECEIPT OF THE FINAL / THE SUBMITTED INFORMATION AND, WITHIN SEVEN DAYS AFTER RECEIPT THAT THE WORK IS COMPLETED, THE WORTING THE GEACOURD FOR DEFINITION	THE CONTRACT DUCUMENTS AND OTHER DATA AND S ITH COMPLETE AND LEGALLY EFFECTIVE RELEASI JT OF, OR FILED IN CONNECTION WITH THE WORK. APPLICATION FOR PAYMENT AS DESCRIBED ABOU IF ACCEPTABLE, SUBMIT TO THE OWNER A REI OF THE FINAL APPLICATION FOR PAYMENT. IF TI ENGINEER WILL RETURN THE APPLICATION TO TH ING. TO RECOMMEND SHALL PAYMENT.	ISTIEDULES AS THE OWNER MAY ES OR WAIVERS (SATISFACTORY E, THE ENGINEER WILL REVIEW COMMENDATION FOR PAYMENT HE ENGINEER IS NOT SATISFIED HE CONTRACTOR, INDICATING IN CASE THE CONTRACTOR SHALL				
	MALING THE REASONS FOR REFUSI MAKE THE NECESSARY CORRECTION:	S AND RESUBMIT THE APPLICATION.	UNDE THE CUNTRACTOR SHALL				SITE 1 PROPOSED REEFBALL WAVE ATTI OYSTER BAG
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BALL	WAVE ATTENUATI	ION STRUCTURE	UNIT LOCATION TABLE						2		ŝ					
R	NORTHING	EASTING	DESCRIPTION													
	646967.21	398611.92	REEFBALL UNIT 1													
	646893.91	398596.02	REEFBALL UNIT 1					Ξ								н
	646830.35	398635.84	REEFBALL UNIT 1	ТА	YLC	DR	ΕN	GI	NE	ĒE	RI	N	ΞI	N	с.	
	646896.33	398609.85	REEFBALL UNIT 1		10	0151 B	DEER LDG.	WO 300,	OD SU	PAF ITE	RK B 300	LVC).			
	646964.45	398624.62	REEFBALL UNIT 1		JA	ACKS	ONVI (90-	LLE, 4)-73	FL(040	DA 3	225	6			
	646781.10	398644.46	REEFBALL UNIT 2			1800 SAP	2nd S		EET,	SU	ITE	881				
	646707.80	398628.56	REEFBALL UNIT 2			0.00	(94	1) 70	02-5	871						
	646651.15	398679.40	REEFBALL UNIT 2	SEA	L	CERTIF	ICATE	JF AU	INUP		IUN #	4010				c
	646710.22	398642.39	REEFBALL UNIT 2													G
	646778.35	398657.16	REEFBALL UNIT 2													
	646595.00	398676.99	REEFBALL UNIT 3													
	646458.15	398661.10	REEFBALL UNIT 3													
	646465.05	398711.94	REEFBALL UNIT 3													
	646524.12	398674.93	REEFBALL UNIT 3	CLI	FFORI) L. T	RUIT	T P.I	E. #	211	94					
	646592.24	398689.70	REEFBALL UNIT 3	PRO	DJECT	TITL			2	R/	١v					F
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	OYSTER	SITE 2 LOCA	TION TABLE			Ξ	2							
	NORTHING	EASTING	DESCRIPTION								í			
501	649909 25	398801.47	OYSTER SEEDING SITE 2											
502	649888.06	398812.99	OYSTER SEEDING SITE 2											
503	649869.27	398875.90	OYSTER SEEDING SITE 2					=						
504	649856.47	398918.77	OYSTER SEEDING SITE 2	TAYLO	ЗR	EN	GII	NE	E	RI	N	G II	NC.	·
505	649824 97	398936.34	OYSTER SEEDING SITE 2	1	0151 [BI		WO0			K B	LVE) .		
506	649807.09	398931 74	OVSTER SEEDING SITE 2	J٨	ACKS	DO: 0	LE,	FLC		DA 3	225	6		ļ
507	649785.21	398932.09	OYSTER SEEDING SITE 2		1900	(904) 2nd S	I)-73 тре	31-70 ET	040 SUU	TE	001			
508	649761.95	398938.16	OYSTER SEEDING SITE 2		SAR	SOT	A, FL	LOR	IDA	342	236			I
509	649737.40	398935.71	OYSTER SEEDING SITE 2		CERTIFI	(941 CATE O	1) 70 F AUT	J2-58 THORI	371 IZATI	ON #	4815			
510	649710.56	398936.82	OYSTER SEEDING SITE 2	SEAL										1
511	649655.91	398939.10	OYSTER SEEDING SITE 2											
512	649596.43	398971.41	OYSTER SEEDING SITE 2											
513	649626.98	399027.65	OYSTER SEEDING SITE 2											
514	649607.06	399094.95	OYSTER SEEDING SITE 2											
515	649675.08	399132.79	OYSTER SEEDING SITE 2											ľ
516	649742.92	399143.02	OYSTER SEEDING SITE 2											
517	649794.69	399103.13	OYSTER SEEDING SITE 2	CLIEFORI	лл	RUITT	PF	= #:	2119	94				
518	649833.91	399070.10	OYSTER SEEDING SITE 2	PROJECT	TITLE									┥
519	649883.67	399035.44	OYSTER SEEDING SITE 2		Ν	API	LE	S	BA	١Y				
520	649911.87	398992.21	OYSTER SEEDING SITE 2	OYS	STE	RF	RE	ST	O	RA	١T	101	1	
521	649938.98	398952.43	OYSTER SEEDING SITE 2	CONS	TR	JCI	ГIС	DN	D	R/	٩N	VIN	GS	i
522	649972.26	398917.46	OYSTER SEEDING SITE 2	CITY C	DF NA		S, (_LIE ∆	ER	со	UNT	Ύ,	
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	の日本の			PROJECT DATE DESIGNE		C2C JUN JP	015-I	037 017					- DATE REVISIONS / SUBMISSIONS DATE	
				PROJECT DATE DESIGNE DRAVKE		C2C JUN JP RLJ CAS	015-0 NE 2	. 037			•	· · ·	- BEVISIONS / SUBMISSIONS DATE	
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POD SHAI	L BE 4' WIDE	X 4' LONG, S	PACED 16 O.C EACH	PROJECT DATE DESIGNE DRAWN CHECKEI REVIEWS SCALE		C20 JUN RLJ CA3 CL1 AS	015-0 NE 2	- - - - - - - - - - - - - - - - - 			•	·	- REVISIONS / SUBMISSIONS DATE	
POD SHAI WILL BE ROM ME FR CELL	L BE 4' WIDE STAGGERED AN HIGH WAT POD.	X 4' LONG, S TER LINE IS R	PACED 16' O.C EACH	PROJECT DATE DESIGNE DRAWN CHECKEI REVIEWE SCALE DRAWING		C22 JUN JP RLJJ CAS CL1 AS E		- 037 017				· ·	- REVISIONS / SUBMISSIONS DATE	
POD SHAU S WILL BE ROM ME FER CELL 80'	L BE 4' WIDE STAGGERED AN HIGH WAT (POD.	X 4' LONG, S TER LINE IS F	PACED 16' O.C EACH REQUIRED FOR	PROJECT DATE DESIGNE DRAWN CHECKEL REVIEWE SCALE DRAWING		C2C JUN RLJJP RLJ CAS CL1 AS E		- - - - - - - - - - - - - - - - - - -						









