

**LAND ACQ. & MGMT.
COMMITTEE MEETING
September 15, 2012**

PRELIMINARY AGENDA

FLORIDA INLAND NAVIGATION DISTRICT's Land Acquisition & Management Committee Meeting

**Following the Board Meeting
Saturday, September 15, 2012**

**Doubletree Hotel
4431 PGA Boulevard
Palm Beach Gardens, Palm Beach County, Florida.**

**Committee Members
Chair Spencer Crowley
Commissioners Bruce Barkett, Carl Blow, Aaron Bowman & Gail Kavanagh**

Item 1. Call to Order.

Chair Crowley will call the meeting to order.

Item 2. Roll Call.

Assistant Executive Director Mark Crosley will call the roll.

Item 3. Additions or Deletions.

Any additions or deletions to the meeting agenda will be announced.

RECOMMEND - Approval of a final agenda.

Item 4. Release of MSA's 204 and 204A, St. Johns County.

The owner of MSA's 204 and 204A, the WiDan Corporation, has requested the release of these perpetual easements. The District and the Corps tried to utilize the diked portion of MSA 204 for the northern Palm Valley maintenance dredging project but the presence of muck soils made the dike construction too expensive for a one time use. DMMA DU-9 was then constructed and utilized for that project. Therefore, MSA's 204 and 204A are no longer needed for dredge material management and are recommended for release pursuant to the District's easement release policy.

(see back up pages 3 – 14)

RECOMMEND Approval of the release of MSA's 204 and 204A subject to compliance with the District's easement release policy and approval by the Corps of Engineers.

Item 5. **Construction of DMMA NA-1, Nassau County.**

The District has received bids for the construction of DMMA NA-1. The District Engineer is reviewing the bids for compliance with the bid requirements and staff will have a recommendation at the meeting.

(see back up pages 15 – 24)

RECOMMEND Approval of the low qualified bid for the construction of DMMA NA-1.

Item 6. **Additional Staff Comments and Additional Agenda Items.**

Item 7. **Commissioners Comments.**

Item 8. **Adjournment.**

WiDan Investment Corporation

3600 Vineland Road, Suite 101 Orlando FL 32811-6460

August 6, 2012

Mr. David K. Roach
Executive Director
Florida Inland Navigation District
1314 Marcinski Rd
Jupiter, FL 33477

REC'D

AUG - 8 2012

FLORIDA INLAND
NAVIGATION DISTRICT

RE: MSA 204 – Request for Release of Easement

Dear David,

Thank you for meeting with Joe Wagner and me to explain the district Policy and Procedure for Release of Maintenance Spoil Area Easements.

This letter requests the release of MSA 204 & 204a easements encumbering the WiDan Corporation property in St. Johns County.

Response to requested information:

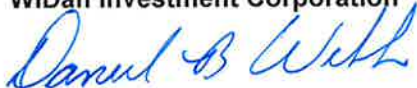
1. Check in the amount of \$250.00 payable to the Florida Inland Navigation District.
 - a. **Enclosed.**
2. Check in the amount of \$1,500 payable to the Treasurer of the United States of America.
 - a. **Enclosed.**
3. Attorney's Certificate of Ownership on the parcel of land encumbered by the easement to be released.
 - a. **Enclosed.**
4. A legal description of the land encumbered by the easement to be released if different from the legal description of the easement.
 - a. **Land to be released is the same as described in the easements.**
5. Certified survey of the land encumbered by the easement to be released if different from the legal description of the easement.
 - a. **Land to be released is the same as described in the easements.**
6. Phase I & II environmental report for the land encumbered by the easement, MacTec #6735-09-9244.
 - a. **Enclosed.**

In addition to the requested information, enclosed please find:

- a. Grant for Disposal of Dredge Material – Deed Book 99 page 531-534.
- b. Grant in Perpetuity for Deposit of Spoil – Deed Book 108 page 49-52.

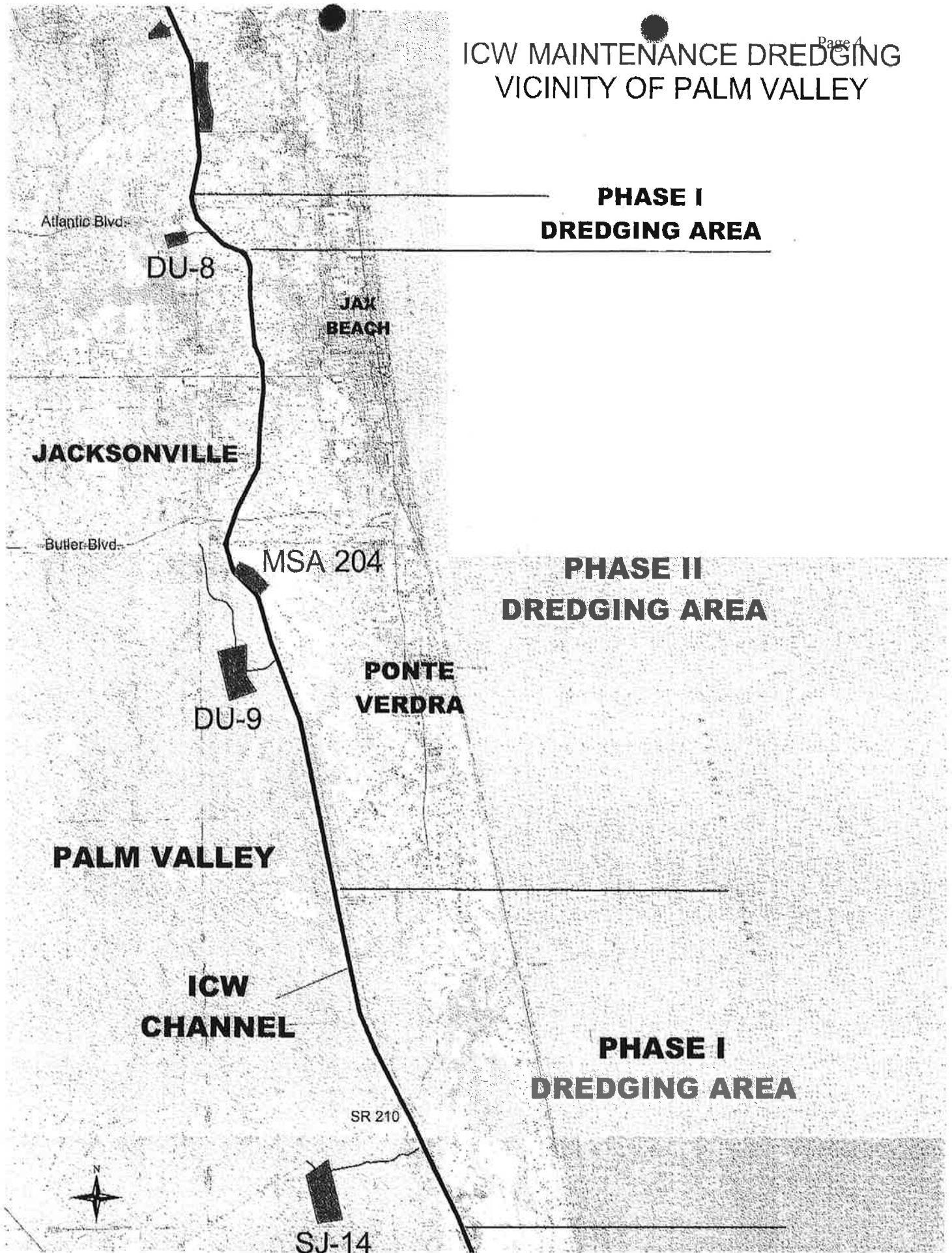
Thanks for your consideration of this request.

WiDan Investment Corporation



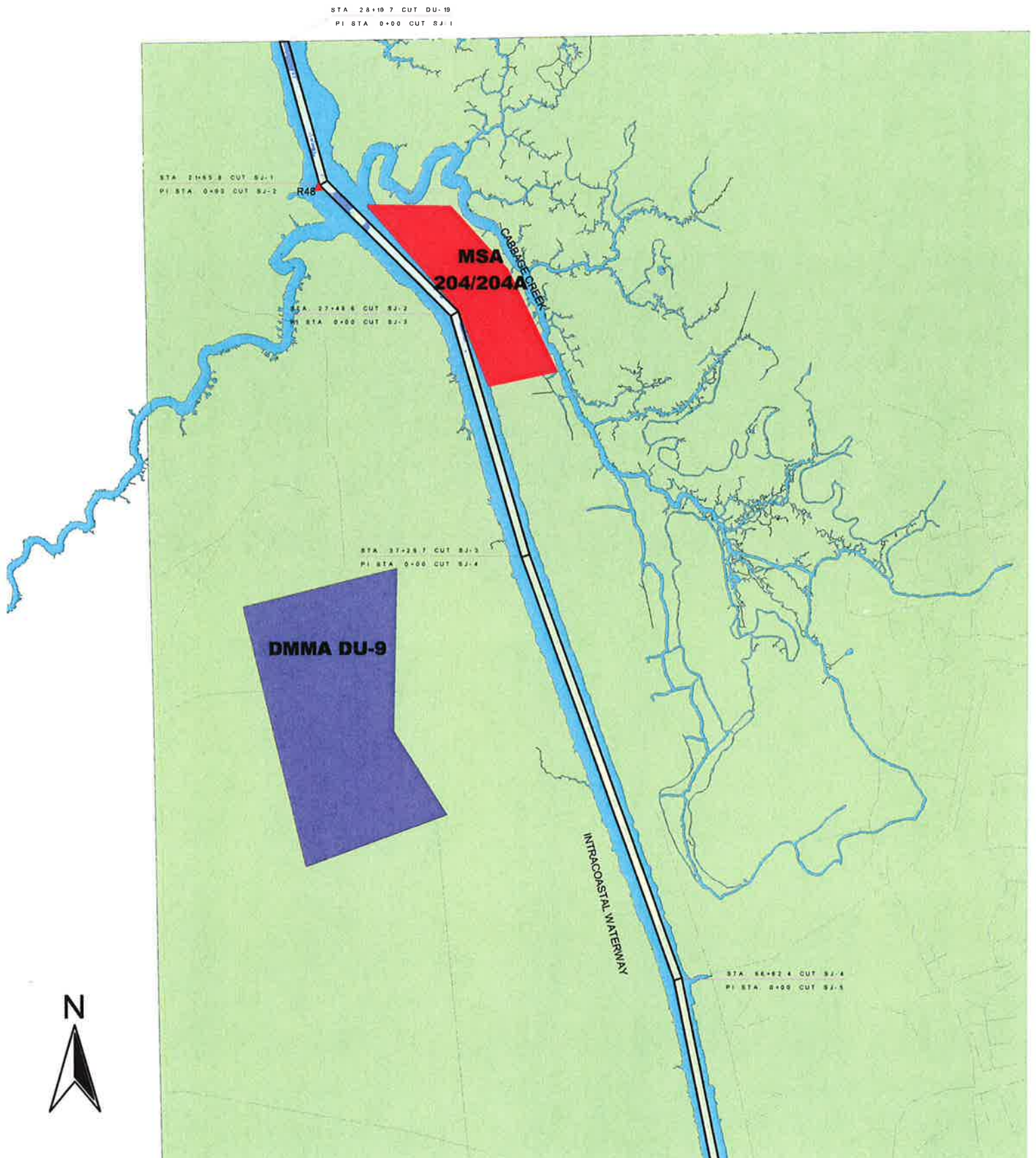
Daniel B. Webb
President

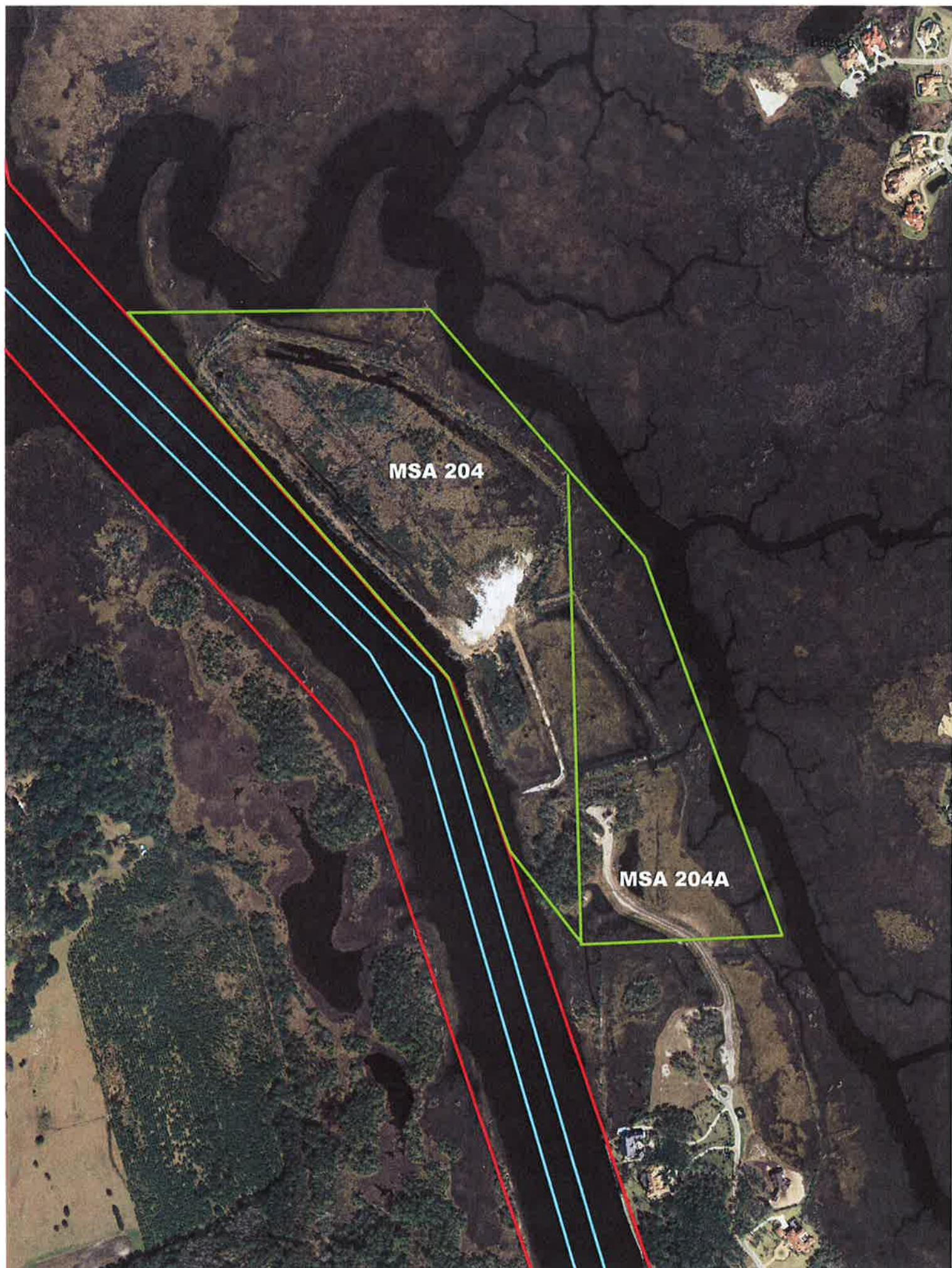
Page 4
ICW MAINTENANCE DREDGING
VICINITY OF PALM VALLEY



LOCATION MAP

DMMA DU-9 and MSA 204/204A





MSA 204

MSA 204A

**Easement Release
Data Form**

MSA No. 204 AND 204A County: St. Johns City: NA

Date Acquired: 7/15/1935 Price Paid: \$421.14 Adjusted to Today's Dollars: \$6,618.81

Current Fee Simple Owner: WiDan Investment Corporation

Total Size: 140.38 acres Uplands: ~90 acs. Wetlands: ~30 acs. Submerged: ~10 acs.

Zoning Designation: None Comp Plan Designation: Agriculture

Access: Only from the water, upland access would be through a high end gated community

Easement Type: perpetual Reverter Language: no

Easement Uses Allowed: Deposit of dredged material from construction or maintenance of the waterway

Site Usage History: several times since acquisition with the latest being in 1986
Potential for Other Uses: No

Dredged Material Management Plan Comments

Site was not evaluated much because the Corps reported that the site has a "history of slumping and dike failure as a result of inadequate foundation conditoons".

Dredging Reach Capacity Status:

Only ½ of DMMA DU-9 has been constructed because of ongoing contamination cleanup on the other half which is going well. When site is fully constructed DU-9 will exceed capacity by approximately 495,000 cyds. Reach has been fully maintained in the 2007-2009.

Potential for Further Dredged Material or Easement Allowed Uses:

None, we tried to use it in 2005-7 but the cost to stabilize the foundation made the investment impractical even the property owner was going to pay for the mitigation.

Easement Maintenance and Carrying Cost History: None

Easement Release Value Per Easement Release Policy: Not determined yet

Other pertinent information about the easement: Property was previously approved by the Board for release but the property owner's representative requested that we use it one more time. The Easement Release Policy changed so the item has been brought back for review.

DEED 108 page 49

MSA-US - 1

GRANT IN PERPETUITY FOR DEPOSIT OF SPOIL
IN CONNECTION WITH THE MAINTENANCE OF THE INTRACOASTAL
WATERWAY (EAST COAST CANAL) JACKSONVILLE TO MIAMI, FLORIDA
IN ST. JOHNS COUNTY

STATE OF FLORIDA
COUNTY ST. JOHNS

MSA Grant No. 204 & 204a

KNOW ALL MEN BY THESE PRESENTS THAT:

WHEREAS, in the river and harbor Acts of Congress, approved January 21, 1927 and July 3, 1930, provision was made for the construction of an Intracoastal Waterway from Jacksonville to Miami, Florida, in accordance with the reports submitted in House Document No. 586, Sixty-ninth Congress, second session, and Senate Document No. 71, Seventy-first Congress, second session, subject to the condition, among others, that local interests shall, without costs to the United States, furnish suitable areas for the deposit of dredged material in connection with the work and its subsequent maintenance; and

WHEREAS, the undersigned Grantor is the true and lawful owner of of the certain tracts or parcels of land situated in St. Johns County, State of Florida, and more particularly designated as follows:

Tract No. 37

MSA 204 Being all that portion of the Unsurveyed part of Section Eighteen (18), Township Three (3) South, Range Twenty-nine (29) East, lying East of the Easterly boundary of the Five Hundred (500) foot right-of-way of the Intracoastal Waterway and West of a line parallel to and distant One Thousand (1000) feet Easterly from (when measured at right angles to) the Easterly boundary of the Five Hundred (500) foot right-of-way of the Intracoastal Waterway as that right-of-way is shown on the map recorded in the current Public Records of St. Johns County, Florida in Plat Book 4 at page 69. *116.86 Acres*

Tract No. 38

MSA 204a Being all that portion of the Unsurveyed part of Section Seventeen (17), Township Three (3) South, Range Twenty-nine (29) East, lying West of a line parallel to and distant One Thousand (1000) feet Easterly from (when measured at right angles to) the Easterly boundary of the Five Hundred (500) foot right-of-way of the Intracoastal Waterway as that right-of-way is shown on the map recorded in the current Public Records of St. Johns County, Florida in Plat Book 4 at page 69. *23.32 Acres*

MSA 204

TRACT NO. 37

MSA 204a

TRACT NO. 38

-1-

(17)

MSA-US - 2

DEED 108 PAGE 50

WHEREAS, the Grantor has the right and power to execute this covenant and release:

NOW, THEREFORE, in consideration of the benefits to accrue to the Grantor in the added convenience for the use of said Waterway and the enhanced value that will result to the lands of the Grantor as the result of the construction and maintenance thereof, and in order to facilitate the United States in the construction and maintenance of the said Waterway, the Grantor hereby grants and conveys to the United States the perpetual right and easement to deposit upon the aforesaid tract of land material that may at any time be dredged in the construction and maintenance of the said Waterway.

Reserving, however, to the Grantor , his successors or assigns, all such rights and privileges in said tract or parcel of land as may be used and enjoyed without interfering with or abridging the right and easement hereby conveyed to the United States.

The said Grantor hereby waives and releases the United States of America, its officers, agents, servants and contractors from liabilities for any and all damages which may result to the lands and premises hereinabove described by reason of the construction and maintenance of said Waterway and the deposit of dredged material; this waiver and release of damages being intended as a continuing covenant which shall run with the land and be binding on the Grantor and his successors in ownership of said land.

3-12.

INDIVIDUAL

DEED 208 PAGE 51

IN WITNESS WHEREOF we have caused this instrument to beexecuted and, in the presence of witnesses, have hereunto set our hands
and seals on this the 15th day of July 1935.Signed, sealed and delivered
in the presence of:Francis Raymond OsburnWilfred BeswickAnnie BeswickThomas William RobinsonWitness with open mouth of Robinson to the
deed in Stockton-on-Tees.48C Town Stockton-on-TeesCOUNTY OF DurhamEngland

I HEREBY CERTIFY, That on this day personally appeared before me, an

officer, duly authorized to administer oaths and take acknowledgments

Wilfred Beswick and Annie Beswick, to me well known and known to meto be the individual s described in and who executed the foregoing instrument,and acknowledged before me that they

executed the same freely and voluntarily for the purpose therein expressed.

AND I FURTHER CERTIFY, That the said Annie Beswickknown to me to be the wife of the said Wilfred Beswick
on a separate and private examination taken and made by and before me, separately
and apart from her said husband, did acknowledge that she made herself a party to
said instrument for the purpose of renouncing, relinquishing and conveying all
her right, title and interest whether of dower, homestead, separate property or
otherwise, in and to the lands described therein, to such extent, and to such
extent only, as shall be necessary to the purpose of said instrument and with-
out prejudice to any of her right, title and interest thereafter remaining and
that she executed the said instrument freely and voluntarily and without any
compulsion, constraint, apprehension or fear of or from her said husband.WITNESS my hand and official seal at Stockton-on-TeesCounty and State aforesaid, this fifteenth day of July
A. D. 1935.48C A. T. Carly
Notary Public, State of Stockton-on-Tees
England
My Commission expires upon expiry
the absolute of the Supreme Court of
Judiciary

FLORIDA INLAND NAVIGATION DISTRICT

POLICY AND PROCEDURE FOR RELEASE OF MAINTENANCE SPOIL AREA EASEMENTS

Release of Maintenance Spoil Area (MSA) Easements will occur in conformance with this policy and procedure.

PROCEDURE FOR RELEASE CONSIDERATION

A property owner having property encumbered by an MSA will make a letter request for release of the easement to the District. This request will include a location map of the property.

District staff will review the request for conformance with this policy and procedure and will make a recommendation to the District Board for approval or rejection of the request.

CRITERIA FOR BOARD APPROVAL

The Board will review each release request and determine whether the District needs the easement for the operation, maintenance, or construction of the waterway. At a minimum the following criteria will be met for an easement to be released.

1. The District will have completed a Long Range Dredged Material Management Plan for the Atlantic Intracoastal Waterway project in the subject area and the plan will have determined that the subject easement is not required for long term management of the waterway.
2. Board approval will be subject to the concurrence of our partner in the project, the U.S. Army Corps of Engineers.

PAYMENT FOR EASEMENT RELEASE

The property owner agrees to pay the District (1) the price that the District originally paid for the easement adjusted by the inflation rate to today's value, and (2) fifty percent (50%) of the enhanced value of the property if the District's activities on the property has increased its value and this enhancement was not identified in the easement as a benefit accruing to the property for the granting of the easement. The

EASEMENT RELEASE POLICY
PAGE TWO.

amount of the enhanced value will be determined by a property appraisal, performed by a State certified MAI appraiser, that calculates the difference in the value of the property with and without District activities; provided, however, that in the event the District's Executive Director determines that such difference in value is reasonably expected to be less than the cost of the appraisal, then an appraisal shall not be required. The property owner will pay all applicable appraisal costs.

PROCEDURE FOR EASEMENT RELEASE

The District will coordinate the approval and release from the Corps. If the District Board approves the release the following information is required.

1. A check in the amount of \$250.00 payable to the Florida Inland Navigation District.
2. A check in the amount of \$1,500.00 payable to the Treasurer of the United States of America.
3. Attorney's Certificate of Ownership on the parcel of land encumbered by the easement to be released.
4. A legal description of the land encumbered by the easement to be released if different from the legal description of the easement.
5. A certified survey of the land encumbered by the easement to be released if different from the legal description of the easement.
6. A Phase I environmental assessment of the land encumbered by the easement to be released.

Upon receipt of this information the District will initiate the Corps approval. Their approval normally takes approximately one month.

EASEMENT RELEASE POLICY
PAGE TWO.

The Corps issues a quit claim deed of their easement interest to the District. The District issues a quit claim deed of our interest to the property owner. The District records both deeds in the public records of the county wherein the subject property is located. Copies of both recorded deeds are provided to the property owner.

Adopted May 1994, Revised December 2002 and January 2003

BID PROPOSALS

Page 15

**DREDGED MATERIAL MANAGEMENT AREA NA-1
CONSTRUCTION PROJECT**

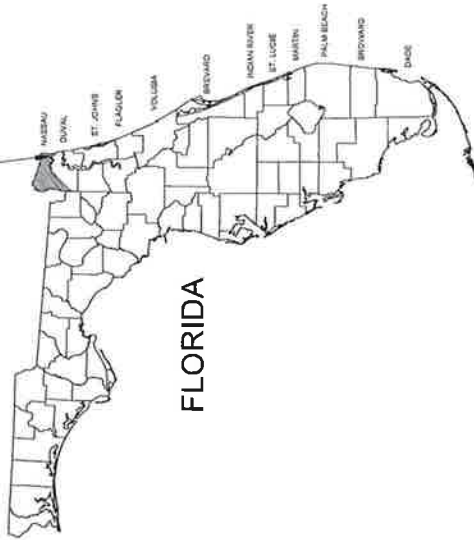
FIRM	BASE BID	ALT. BID
HARRY PEPPER	3,757,807.20	3,318,347.20
BARCO DUVAL	4,239,266.20	4,090,346.20
BGCO	4,242,922.00	4,229,782.00
BAKER INFRASTRUCTURE GROUP	5,126,044.00	4,826,744.00
ENGINEERS ESTIMATE	3,440,645.00	

DREDGED MATERIAL MANAGEMENT AREA NA-1 CONSTRUCTION

NASSAU COUNTY, FLORIDA



PROJECT LOCATION



FLORIDA

DRAWING INDEX

C-1	TITLE SHEET
C-2	GENERAL NOTES
C-3	PROJECT OVERVIEW
C-4	DU2 BORROW AREA OVERVIEW AND SITE PLAN
C-5	EXISTING SITE TOPOGRAPHY
C-6	DMMA SITE PLAN WITH AERIAL
C-7	DMMA SITE PLAN WITHOUT AERIAL
C-8	DMMA TYPICAL SECTIONS
C-9	DMMA STAKING AND GRADING PLAN
C-10	DMMA CROSS-SECTIONS 1
C-11	DMMA CROSS-SECTIONS 2
C-12	DMMA DETAILED SITE PLAN
C-13	EASTERN DMMA TYPICAL SECTIONS
C-14	WESTERN DMMA TYPICAL SECTIONS
C-15	WICK DRAIN DETAILS
C-16	TOE DRAIN PLAN
C-17	TOE DRAIN DETAILS
C-18	PLANTING PLAN AND FENCE DETAILS
S-1	WEIR PLAN AND PROFILE
S-2	WEIR WALKWAY PLAN
S-3	STEEL BOX WEIR DETAILS 1
S-4	STEEL BOX WEIR DETAILS 2
S-5	STEEL BOX WEIR DETAILS 3
S-6	STEEL BOX WEIR PIPE AND FLAP GATE DETAILS
S-7	STEEL BOX WEIR LADDER AND FOUNDATION DETAIL
S-8	WEIR PILE LAYOUT AND DETAILS
S-9	WEIR WALKWAY AND LADDER DETAILS
S-10	WEIR WALKWAY AND BALLAST DETAILS
ER-1	EROSION CONTROL DETAILS

LOCATION MAP

N.T.S.



VICINITY MAP

1"= 2000' (22x34)
1"= 4000' (11x17)



TAYLOR ENGINEERING INC.
10111 OBERWOOD PARK BLVD
JACKSONVILLE, FLORIDA 32256
(904) 771-7042
1012 PALM BEACH LAKES, SUITE 210
WEST PALM BEACH, FLORIDA 33411
(561) 460-7310
CORPORATE OFFICE

PRODUCT TYPE
DREDGED MATERIAL
MANAGEMENT AREA NA-1
CONSTRUCTION
NASSAU COUNTY, FLORIDA

PROJECT NO.
DATE



DRAFT

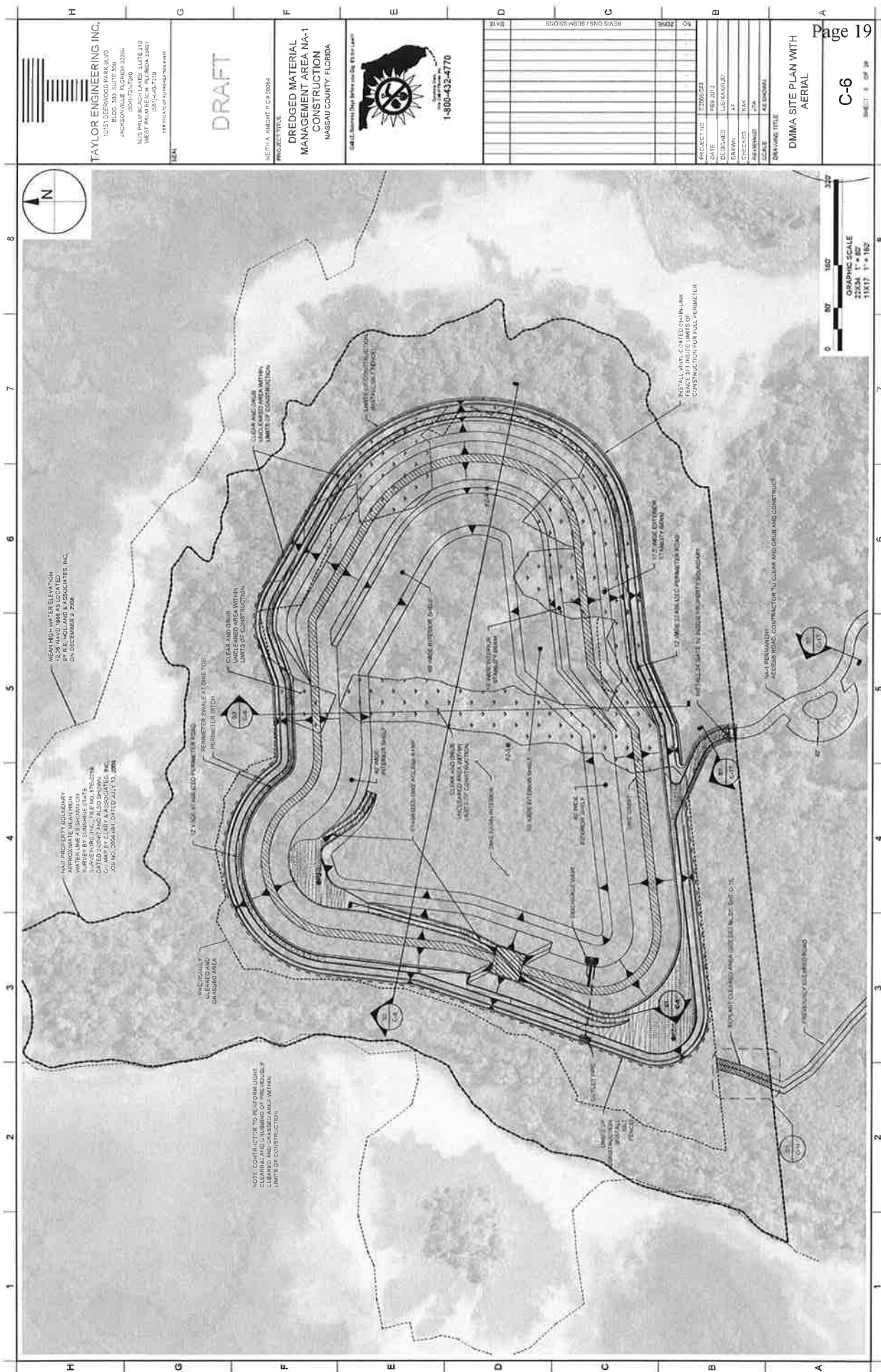


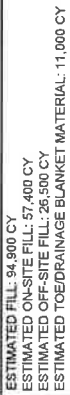
LOCATION MAP DU-2 BORROW AREA
 SCALE: 1" = 1 MILE
 DATE: 1-1-2009

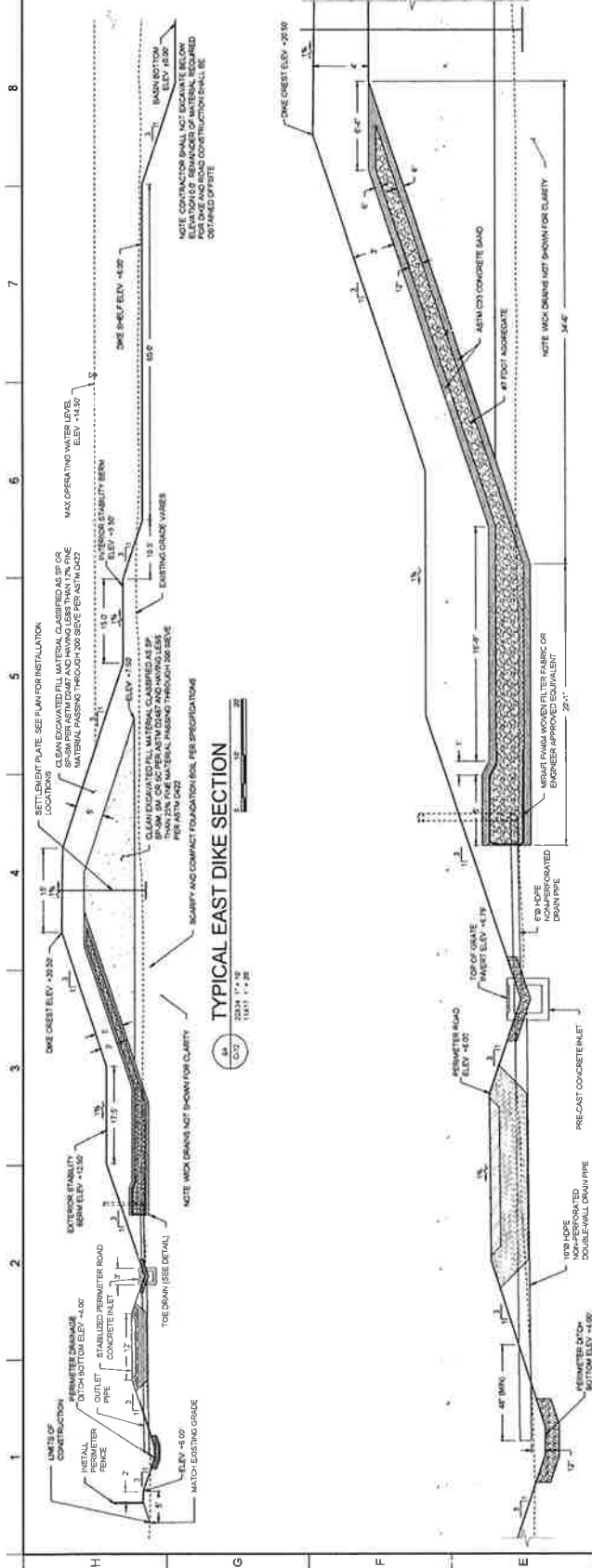


DU-2 BORROW AREA
 SCALE: 1" = 200 FEET
 DATE: 1-1-2009

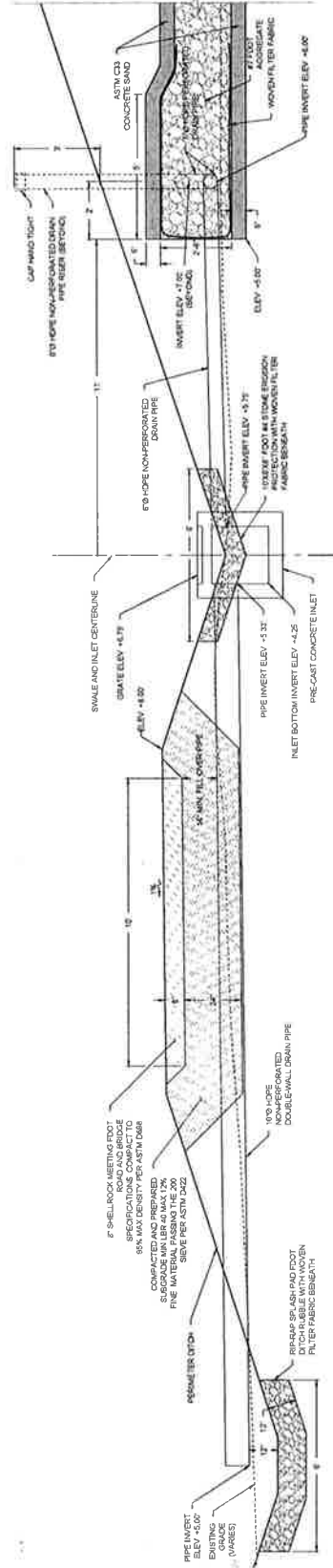
 TAYLOR ENGINEERING INC. 10311 DEERWOOD PARK BLVD SUITE 200 JACKSONVILLE, FL 32256 (904) 721-1040 1875 PALM BEACH LAKES, SUITE 200 WEST PALM BEACH, FL 33411 (561) 840-1310 TAYLOR-FLORIDA-INC.COM	DRAFT PROJECT TITLE KATHA KROHNS P.E. 15554	PROJECT TITLE DREDGED MATERIAL MANAGEMENT AREA NA-1 CONSTRUCTION NASBAU COUNTY, FLORIDA Call to Action: Don't Delay, get the job done!  1-800-432-4770	SHEET 4 OF 28
			PROJECT NO. C200424
			DATE FEB 2012 DESIGNED LARSEN/JO DRAWN JAF CHECKED RAK REVIEWED JTL SCALE AS SHOWN
			DRAWING TITLE DU2 BORROW AREA OVERVIEW AND SITE PLAN









TYPICAL EAST DIKE SECTION - BLANKET DRAIN, TOE DRAIN, AND OUTLET PIPE



TYPICAL EAST DIKE SECTION - TOE DRAIN AND OUTLET PIPE

 <p>TAYLOR ENGINEERING INC. 101 W. 10th Ave. BLDG. 300 SUITE 300 JACKSONVILLE, FLORIDA 32256 (904) 731-1500 FAX (904) 731-1501 1015 PALM BLVD. SUITE 210 WEST PALM BEACH, FLORIDA 33411 (561) 464-1310 <small>COMPANY TELEPHONE NUMBER</small></p>	<p>DRAFT</p>	<p>KEITH A. KNIGHT P.E.P. 55066 PROJECT TITLE DREDGED MATERIAL MANAGEMENT AREA NA-1 CONSTRUCTION NASSAU COUNTY, FLORIDA</p>	 <p><small>Call 24 Hours Toll Free on 24 hr Fax Line 1-800-432-4770</small></p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>	<p>F</p>	<p>G</p>	<p>H</p>	<p>A</p>	<p>B</p>
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TYPICAL WEST DIKE SECTION

STABILIZED PERIMETER ROAD
BLANKET DRAIN (SEE DETAIL)
CONCRETE INLET
TOE DRAIN (SEE DETAIL)
MATCH EXISTING GRADE
PERIMETER DITCH
DITCH BOTTOM ELEV. +4.00
INSTALL PERIMETER FENCE
LIMITS OF CONSTRUCTION
NOTE: SEE WORK DRAW DETAILS FOR PORTIONS OF PERIMETER DITCH CONTAINING HIGH DAMS

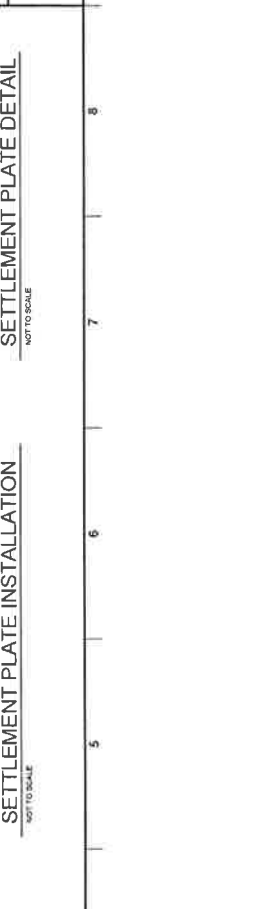
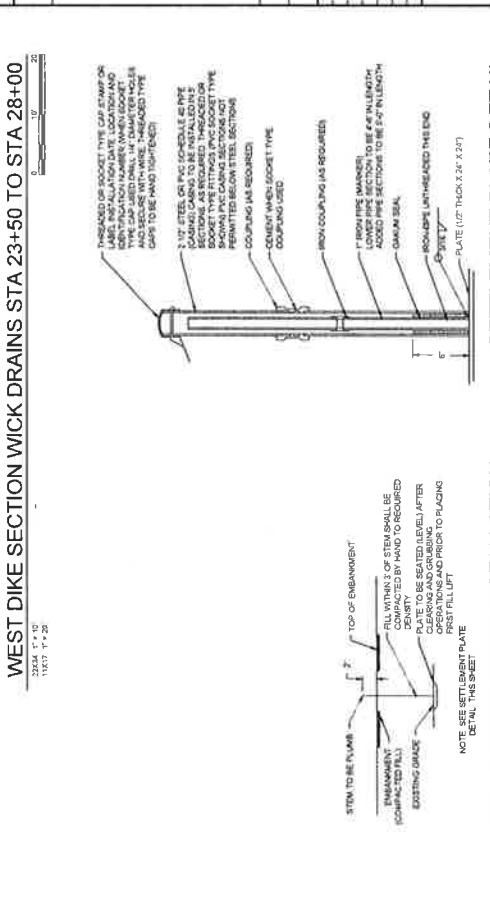
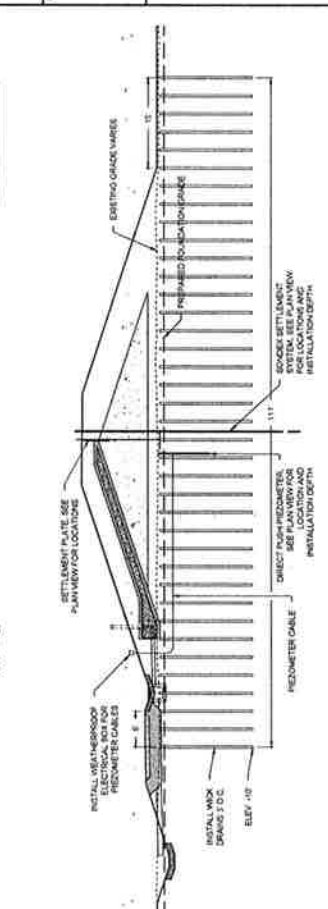
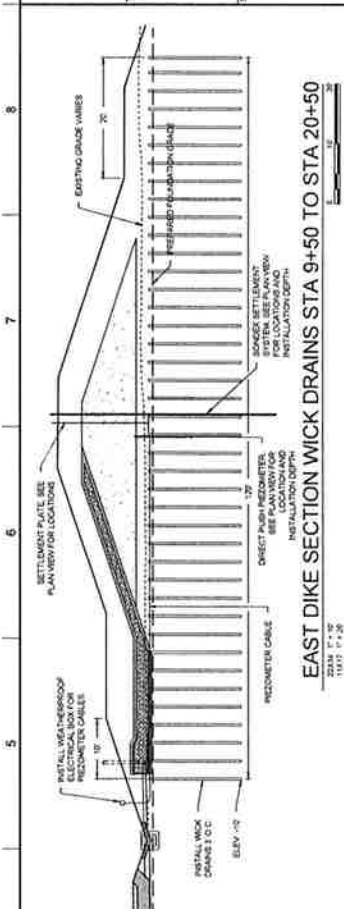
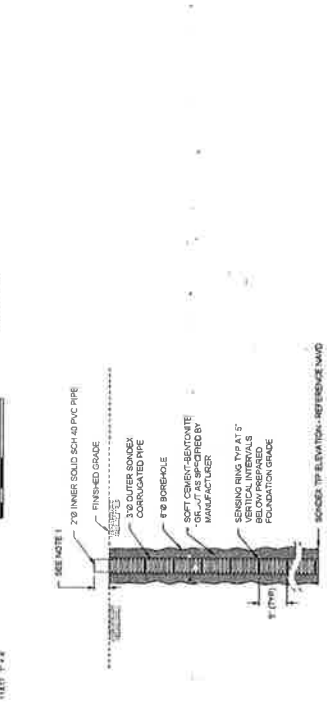
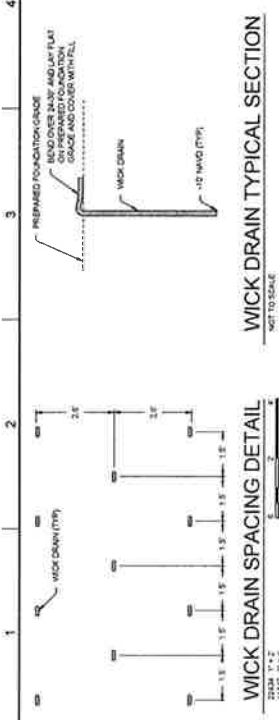
DIKE CREST ELEV. +18.00
DIKE SLOPE ELEV. +16.50
EXISTING GRADE VARIES
CLEAN EXCAVATED FILL MATERIAL CLASSIFIED AS SP OR SUBGRADE HAVING LESS THAN 2% FINE MATERIAL PASSING THROUGH NO. 200 SIEVE PER ASTM D792
SCAFFRY AND COMPACT FOUNDATION SOIL PER SPECIFICATIONS
NOTE: CONTRACTOR SHALL NOT EDGEMATE BLANKET DRAIN WITH EXISTING ROADWAY SURFACE REQUIRED FOR Dike AND ROAD CONSTRUCTION SHALL BE OBTAINED OFFSITE


DIKE CREST ELEV. +18.50
DIKE SLOPE ELEV. +16.50
EXISTING GRADE VARIES
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TYPICAL WEST DIKE SECTION - TOE DRAIN, AND OUTLET PIPE

STABILIZED PERIMETER ROAD
BLANKET DRAIN (SEE DETAIL)
CONCRETE INLET
TOE DRAIN (SEE DETAIL)
MATCH EXISTING GRADE
PERIMETER DITCH
DITCH BOTTOM ELEV. +4.00
INSTALL PERIMETER FENCE
LIMITS OF CONSTRUCTION
NOTE: SEE WORK DRAW DETAILS FOR PORTIONS OF PERIMETER DITCH CONTAINING HIGH DAMS

DIKE CREST ELEV. +18.00
DIKE SLOPE ELEV. +16.50
EXISTING GRADE VARIES
CLEAN EXCAVATED FILL MATERIAL CLASSIFIED AS SP OR SUBGRADE HAVING LESS THAN 2% FINE MATERIAL PASSING THROUGH NO. 200 SIEVE PER ASTM D792
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 <p>TAYLOR ENGINEERING INC. 10100 W. 11TH AVE. SUITE 100 BLVD. SUITE 100 JACKSONVILLE, FLORIDA 32256 (904) 721-1700 1809 PALM BLVD. SUITE 210 WEST PALM BEACH, FLORIDA 33411 (561) 466-7310</p> <p>COMPANY OF APPROVED TOP GRASS</p>										<p>DRAFT</p>										<p>PROJECT TITLE DREDGED MATERIAL MANAGEMENT AREA NA-1 CONSTRUCTION NASSAU COUNTY, FLORIDA</p> <p>DATE 1-800-432-4770</p> <p>NOTES 1. SEE PLAN FOR LOCATION OF DREDGED MATERIAL MANAGEMENT AREA NA-1. 2. SEE PLAN FOR LOCATION OF DREDGED MATERIAL MANAGEMENT AREA NA-1.</p>										<p>REVISIONS / SHEETS</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td>1-8-2012</td> <td>DESIGNED</td> </tr> <tr> <td>2</td> <td>1-8-2012</td> <td>DRAWN</td> </tr> <tr> <td>3</td> <td>1-8-2012</td> <td>CHECKED</td> </tr> <tr> <td>4</td> <td>1-8-2012</td> <td>REVIEWED</td> </tr> <tr> <td>5</td> <td>1-8-2012</td> <td>SCALE</td> </tr> <tr> <td>6</td> <td>1-8-2012</td> <td>AS SHOWN</td> </tr> </table>										NO.	DATE	DESCRIPTION	1	1-8-2012	DESIGNED	2	1-8-2012	DRAWN	3	1-8-2012	CHECKED	4	1-8-2012	REVIEWED	5	1-8-2012	SCALE	6	1-8-2012	AS SHOWN	<p>PROJECT NO. C-1000-0000</p> <p>DATE FEB 2012</p> <p>DESIGNED L. B. KNOX</p> <p>DRAWN J. P. KNOX</p> <p>CHECKED J. P. KNOX</p> <p>REVIEWED J. P. KNOX</p> <p>SCALE AS SHOWN</p>										<p>PROJECT TITLE WICK DRAIN DETAILS</p> <p>DATE 1-8-2012</p> <p>DESIGNED L. B. KNOX</p> <p>DRAWN J. P. KNOX</p> <p>CHECKED J. P. 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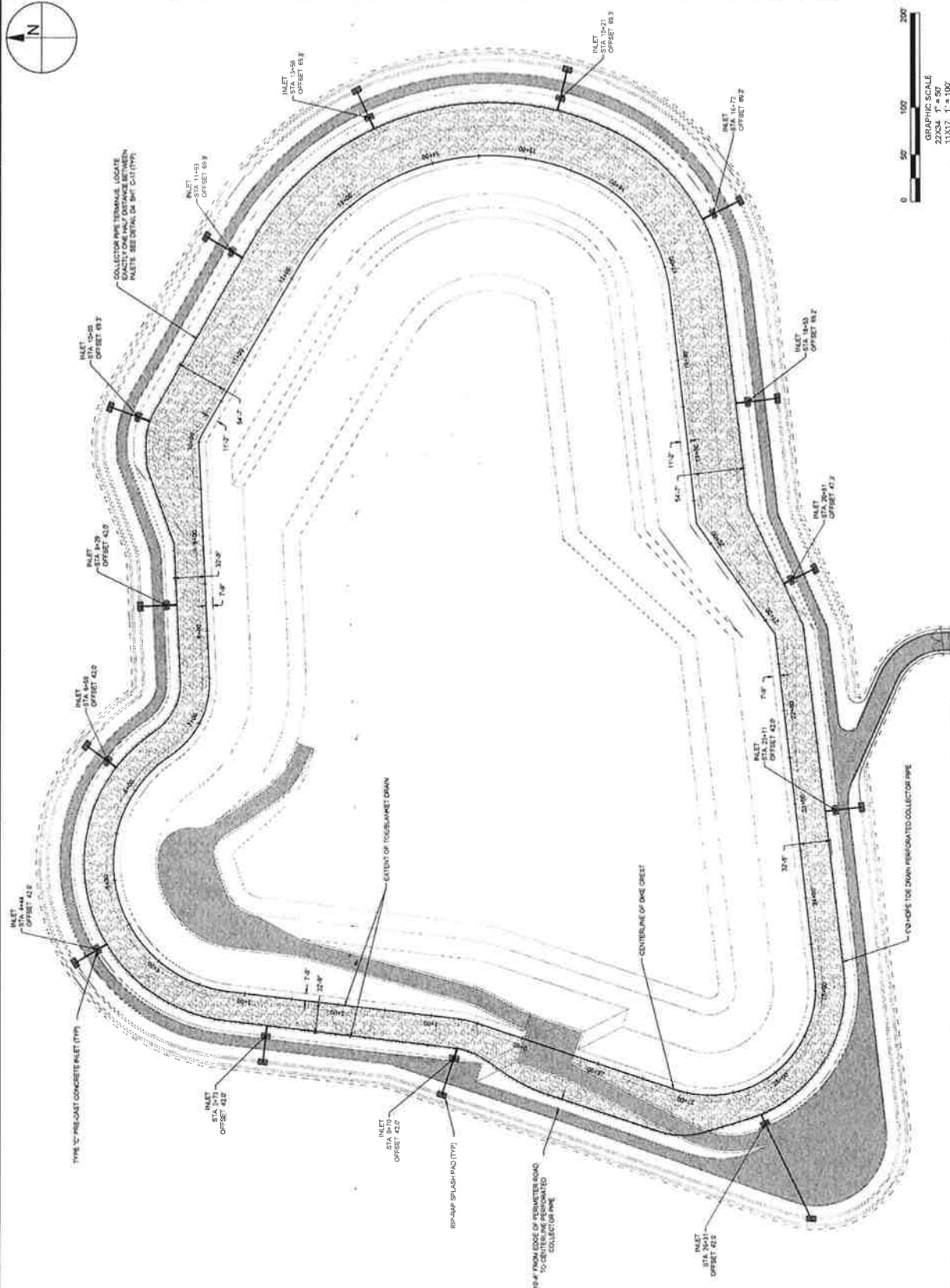


DRAFT

**DREDGED MATERIAL
MANAGEMENT AREA NA-1
CONSTRUCTION
NASSAU COUNTY, FLORIDA**

[illegible]

TOE DRAIN PLAN
Page 24
C-16
SHEET 16 OF 23



0 50' 100' 200'

GRAPHIC SCALE
22X34 1" = 50'
11X17 1" = 100'