DEPARTMENT OF THE ARMY
ARMY ENGINEER DISTRICT, MOBILE DISTRICT
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001

REPLY TO
ATTENTION OF:

CESAM-RD-A
Public Notice Number SAM-2014-00157-LET **MARCH 21, 2014**

JOINT PUBLIC NOTICE
U.S. ARMY CORPS OF ENGINEERS AND
STATE OF ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

REQUEST TO MECHANICALLY DREDGE SANDY WATERBOTTOM SEDIMENT TO RE-ESTABLISH THE ENTRANCE CHANNEL TO SOLDIER CREEK, TO RE-USE THE MATERIAL TO NOURISH THE SHORELINE OF POINT CLUB PROPERTY AND CONDUCT 5-YEAR MAINTENANCE DREDGE, PERDIDO BEACH, BALDWIN COUNTY, ALABAMA.

TO WHOM IT MAY CONCERN:

This District has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 USC 1344) and Section 10 of the River and Harbor Act of 1899 (33 U.S.C. 403) Please communicate this information to interested parties.

APPLICANT: **The Point Club, Inc.**
Attention: Ms. Margaret Craddock, Secretary/Treasurer
1749 Harbert Avenue
Memphis, Alabama 38104

AGENT: **Wetland Sciences, Inc.**
Attention: Mr. Craig Martin
1829 Bainbridge Avenue
Pensacola, Florida 32507

LOCATION OF WORK: **Soldier Creek at the terminus of Randolph Road, Section 16, Township 6 South, Range 2 East Perdido Beach, Baldwin County, Alabama; Latitude 30°20'44.25" North, Longitude 87°29'39.46" West; Perdido Bay, AL/FL 8-digit HUC 03140107**

WORK: **The applicant proposes to mechanically dredge 2,462 cubic yards of sandy water bottom sediment to re-establish the shoaled entrance channel of Soldier Creek to a depth of -7 feet mean low water (MLW). The re-established channel segment would be approximately 60 feet wide and approximately 1,089 feet long impacting 65,336.60 square feet of water bottom. The mechanical dredging may be done by equipment staged on uplands and/or by equipment**

staged on barges that will transfer the material to the upland disposal site. The 2,462 cubic yards of dredged material would initially be contained in uplands at the end of a peninsula on the applicant's property, then approximately 911 cubic yards of the material would be spread below the mean high water line at the terminus of the peninsula and between existing wooden groin structures along approximately 440 linear feet of the southwestern shoreline of the peninsula to re-nourish an eroding sandy beach shoreline. Approximately 19,616.00 square feet of shallow water bottom would be filled in association with the shoreline re-nourishment component of the project. Two patches of submerged shoal grass off shore from the Point Club property will be avoided by the design of the dredging or shoreline re-nourishment project. Additionally, approximately 1,886 square feet of shallow water bottom along an approximately 200 linear foot eastern segment of the project area shoreline would be planted with emergent wetland grass (*Spartina alterniflora*) augmenting an existing patch of *Spartina* as a non-structural effort to stabilize and prevent further erosion of this segment of shoreline. As part of this project the applicant is also requesting authorization of a 5-year maintenance dredging cycle, which would allow them to maintenance dredge up to 1,300 cubic yards of sandy water bottom material from the Soldier Creek entrance channel after the dredging to re-establish the channel dimensions has been completed. Water bottom material removed during maintenance dredging operations would be disposed in uplands on the peninsula of the Point Club property and spread out above the mean high water line to serve as a source of sand to help maintain the re-nourished shoreline. If necessary, excess material from required maintenance dredging would be hauled off-site. Mitigation has not been proposed as the project would not impact wetlands, vegetated shallows, or submerged aquatic vegetation. The channel location as well as a history of periodic shoreline nourishment and maintenance dredging within the proposed permit area were originally documented in previously issued Department of the Army permits AL86-00020-C and AL86-00129-C.

PROJECT PURPOSE: **The overall purpose of the project is to improve navigation for the residents of Soldier Creek as well as re-nourishing the severely eroded sandy beach shoreline of the Point Club property.**

The applicant has applied for Water Quality Certification (WQC) from the State of Alabama in accordance with Section 401(a)(1) of the Clean Water Act and for Coastal Zone Management (CZM) consistency in accordance with the State's CZM Program. Upon completion of the required advertising, a determination relative to WQC and CZM consistency will be made by the Alabama Department of Environmental Management (ADEM).

This public notice is being distributed to all known interested persons in order to assist in developing facts on which a decision by the Corps can be based. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition. The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and in general, the needs and welfare of the people.

The Corps is soliciting comments from the public; Federal, State and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state with particularity, the reasons for holding a public hearing. Evaluation of the probable impacts involving deposits of dredged or fill material into waters of the United States will include the application of guidelines established by the Administrator of the U.S. Environmental Protection Agency.

Preliminary review of this application and the U.S. Department of the Interior List of Endangered and Threatened Wildlife and Plants indicates that the proposed activity “may affect but is not likely to adversely affect” federally listed species, or their critical habitat. This notice and application will be coordinated with the U.S. Fish and Wildlife Service to assess if the proposed activity will affect listed endangered or threatened species or their critical habitat.

This notice also initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. This project would potentially impact approximately 84,952.60 square feet of waterbottoms utilized by various life stages of various marine species. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service and/or the U.S. Department of Interior, Fish and Wildlife Service.

In accordance with Section 106 of the National Historic Preservation Act and Appendix C of 33 CFR 325, the undertaking defined in this notice is being considered for the potential to effect cultural and historic properties within the permit area. In accordance with Appendix C of 33 CFR Part 325, the Corps has determined that the permit area consists of the dredge area, the on-site upland disposal area, and the shoreline nourishment area. Unless comment to this notice is received documenting that significant sites or properties exist which may be affected by this work or that adequately documents a potential exists for the location of significant sites or properties within the permit area, the Corps will consult with the State Historic Preservation Officer to make a final determination.

Correspondence concerning this Public Notice should refer to Public Notice Number **SAM-2014-00157-LET** and should be directed to the District Commander, U.S. Army Engineer District, Mobile, Attention: Regulatory Division, Post Office Box 2288, Mobile, Alabama 36628-0001, with a copy furnished to Alabama Department of Environmental Management, Mobile Branch, Coastal Section, 3664 Dauphin Street, Suite B, Mobile, Alabama 36608. Comments should be received no later than **30 days** from the date of this Public Notice.

If you have any questions concerning this publication, you may contact the project manager via e-mail at **leslie.e.turney@ usace.army.mil** or phone **(251) 694-3873.** Please refer to the above Public Notice number.

For additional information about our Regulatory Program, please visit our web site at www.sam.usace.army.mil/Missions/Regulatory.aspx.

MOBILE DISTRICT
U.S. Army Corps of Engineers

Enclosures

SITE PLAN
FOR
SOLDIERS CREEK ACCESS CHANNEL
BALDWIN COUNTY, ALABAMA

SUBJECT PROPERTY

PROPERTY OWNER
The Point Club
c/o Margaret Craddock
Memphis, TN 38104

PROJECT LOCATION

Terminus of Randolph Road
Parcel ID#05-63-04-17-0-000-049.00
Lat/Lon 30°20.722'N / 87°29.687'W

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DEPT. OF THE ARMY PERMIT

WETLAND SCIENCES INCORPORATED
ENVIRONMENTAL CONSULTANTS
1829 BAINBRIDGE AVENUE
PENSACOLA, FLORIDA 32507
TEL: 850.453.4700
KEITH@WETLANDSCIENCES.COM

PROJECT NAME: SOLDIERS CREEK ACCESS CHANNEL
Title Page
PROJECT NO.: 2011-073
BY: KDJ DATE: 01/18/14
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I. GENERAL NOTES

1. THE CONTRACTOR AND ALL SUBCONTRACTORS, HEREINAFTER REFERRED TO AS "CONTRACTOR", SHALL HAVE SOMEONE TO RECEIVE CALLS AND DISPATCH PROPER PERSONNEL AND EQUIPMENT ON A TWENTY-FOUR (24) HOUR BASIS FOR EMERGENCIES.

2. THE CONTRACTOR SHALL FURNISH ALL EQUIPMENT AS REQUIRED TO ACCOMPLISH THE SPECIFIED WORK.

3. THE CONTRACTOR IS ADVISED NOT TO SCALE FROM DRAWINGS BUT TO FIELD VERIFY ALL DIMENSIONS. THE DIMENSIONS OF SPECIFIED AND FURNISHED PRODUCTS AND MATERIALS TAKE PRECEDENCE OVER DIMENSIONS AND NOTES SHOWN ON THE DRAWINGS.

4. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE ENVIRONMENTAL CONSULTANT AND THE POINT CLUB. ANY DEVIATIONS MAY RESULT IN DELAYS IN COUNTY OR OWNER ACCEPTANCE OF IMPROVEMENTS.

II. CONTRACTUAL NOTES

1. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COORDINATION OF ALL CONSTRUCTION SCHEDULES. ALL COSTS INCURRED BY THE CONTRACTOR FOR THE COORDINATION EFFORTS WILL BE INCIDENTAL TO EXISTING PAY ITEMS.

2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS, ALL APPROVED PERMITS, AND THE REQUIREMENTS AND STANDARDS OF ALL GOVERNING AUTHORITIES.

3. DRAWING GEOMETRY, INCLUDING ALL DIMENSIONS GIVEN, IS APPROXIMATE AND DOES NOT PURPORT TO BE ABSOLUTELY CORRECT. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS WHICH WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS SHALL BE BASED.

4. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL CONSULTANT IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.

5. THE CONTRACTOR IS DIRECTED TO PERFORM HIS OWN SITE INSPECTION TO HIS SATISFACTION PRIOR TO BID AND ACQUAINT HIMSELF THOROUGHLY WITH ALL EXISTING FACILITIES AND CONDITIONS AND TO INCLUDE ANY REASONABLE CONTINGENCIES IN HIS BID.

6. THE LOCATIONS OF NEW UTILITIES AND STRUCTURES SHOWN ARE APPROXIMATE. FINAL PROJECT LOCATION MAY REQUIRE FIELD ADJUSTMENT UPON THE CONTRACTOR'S VERIFICATION OF ALL UTILITIES.

7. IN NO CASE SHALL THE CONTRACTOR RECEIVE ADDITIONAL COMPENSATION TO FINAL GRADES AND LINES ADJUSTMENTS MADE DUE TO THE LOCATION OF EXISTING UTILITIES.

8. NO DIRECT PAYMENT SHALL BE MADE FOR EXTRA BURY ON THIS PROJECT.

9. ANY DAMAGE TO STREET SURFACING, DRIVEWAYS, RETAINING WALLS, SEAWALLS, DOCKS, OR WATERCRAFT CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER OR COUNTY. ACCEPTANCE OF SUCH REPAIRS SHALL BE SUBJECT TO APPROVAL OF THE POINT CLUB. FAILURES OF ROAD BASE AND SURFACING DUE TO NORMAL USE (EXCLUDING CONSTRUCTION USE) OF STREET SURFACE SHALL NOT BE CONSIDERED AS DAMAGE.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY HIS WORK OPERATIONS TO EXISTING FACILITIES TO REMAIN.

11. THE CONTRACTOR, AT HIS EXPENSE, MAY TAKE ADDITIONAL TEST BORINGS AND EXPLORATORY INVESTIGATIONS PRIOR TO BIDDING AND DURING THE LIFE OF THE CONTRACT. COORDINATION WITH THE POINT CLUB IS REQUIRED.

12. THE CONTRACTOR SHALL FIELD VERIFY EXISTING UTILITIES, (SIZE, MATERIAL OF CONSTRUCTION, ELEVATION, ETC.) TO HIS SATISFACTION.

13. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BECOME FAMILIAR WITH THE OSHA EXCAVATION SAFETY STANDARDS AND TO ABIDE BY THEM.

14. THE CONTRACTOR AND FOREMAN ASSIGNED TO THIS PROJECT SHALL ATTEND A MANDATORY PRE-CONSTRUCTION MEETING PRIOR TO COMMENCING WORK.

15. WHEN THE CONTRACT DOES NOT INCLUDE A PAY ITEM FOR A REQUIRED EFFORT, PERFORMANCE OF SUCH EFFORT IS CONSIDERED AN INCIDENTAL (LABOR AND MATERIAL) TO THE MAIN EFFORT. PAYMENT FOR SUCH ITEM SHALL BE INCLUDED IN THE MOST APPLICABLE PAY ITEM.

16. WHEN THE CONTRACT DOES NOT INCLUDE A PARTIAL PAYMENT METHOD FOR COMPUTING A LUMP SUM ITEM, THE PARTIAL PAYMENT SHALL BE LIMITED TO THE ENGINEER'S ESTIMATED PERCENT COMPLETE OF THE WORK REQUIRED UNDER THIS ITEM. WHEN THE EFFORT IS SPREAD THROUGHOUT THE CONTRACT DURATION. THE PERCENT OF WORK COMPLETED SHALL NOT EXCEED THE PERCENT COMPLETE OF THE TOTAL CONTRACT.

17. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AGENCIES.

18. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY DEBRIS LOCATED WITHIN THE LIMITS OF DREDGING. THIS SHALL BE A SEPARATE LINE ITEM ON THE BID FORM.

III. SITE NOTES

1. ANY DAMAGE TO THE EXISTING GROUNDS IN AREAS OUTSIDE OF THE LIMITS OF CONSTRUCTION FOR THIS PROJECT WILL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE AS DIRECTED BY THE ENVIRONMENTAL CONSULTANT AND THE POINT CLUB.

2. EXISTING UTILITIES AND STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.

3. NO DIRECT PAYMENT SHALL BE MADE FOR THE INCIDENTAL REMOVAL AND DISPOSAL OF TREES, SHRUBS AND DEBRIS. ALL DISPOSALS SHALL BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS.

4. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL OBSTRUCTIONS WITHIN THE LIMITS OF WORK SUCH AS FENCING, STREET SIGNS, STOP SIGNS, AND MISCELLANEOUS OBSTRUCTIONS. ANY SUCH OBJECTS REMOVED SHALL BE REPLACED WITHIN A 24-HOUR PERIOD. IF A TRAFFIC SIGN IS REMOVED, A PORTABLE TEMPORARY SIGN SHALL BE INSTALLED UNTIL THE PERMANENT SIGN CAN BE REPLACED. PAYMENT FOR THIS EFFORT SHALL BE UNDER "REMOVAL OF STRUCTURES AND OBSTRUCTIONS" PAY ITEM.

5. RELOCATION OF THE OBSTRUCTIONS OWNED BY PRIVATE PROPERTY OWNER, SUCH AS MAILBOXES, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WHO MUST COORDINATE WITH THE PROPERTY OWNER.

6. PROPERTY OBSTRUCTIONS WHICH ARE TO REMAIN IN PLACE, SUCH AS BUILDINGS, SEWER, STORM DRAINS, WATER OR GAS PIPES, ELECTRICAL CONDUITS, POLES, WALLS, POSTS, ETC., ARE TO BE CAREFULLY PROTECTED & ARE NOT TO BE DISPLACED, UNLESS NOTED.

IV. UTILITY NOTES

1. THE CONTRACTOR IS ADVISED THAT EXISTING OVERHEAD AND UNDERGROUND UTILITIES SUCH AS (BUT NOT LIMITED TO) ELECTRICAL LINES AND POLES, TELEPHONE CABLES, TELEVISION CABLES, GAS LINES, WATER LINES, AND SANITARY SEWERS MAY EXIST IN THE CONSTRUCTION LIMITS WHERE THE PROPOSED IMPROVEMENTS ARE REQUIRED. UTILITY FACILITIES SHOWN ON THE PLANS ARE APPROXIMATE LOCATIONS (NOT SCALEABLE) AND DO NOT INCLUDE SERVICE LOCATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING & PROTECTING EXISTING UTILITIES DURING THE PERFORMANCE OF WORK TO BE INSTALLED UNDER THIS CONTRACT. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES, PROBE OR EXPOSE THEM BY HAND EXCAVATION, AND FOLLOW ALL APPLICABLE OSHA REGULATIONS AT NO COST TO THE OWNER . ***FAILURE OF THE PLANS TO SHOW THE EXISTENCE OF ANY UNDERGROUND UTILITIES, STRUCTURES, ETC., SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF LOCATING, PRESERVING & PROTECTING SAID UTILITY OR STRUCTURES.***

2. THE CONTRACTOR SHALL FIELD LOCATE AND INCLUDE CONSIDERATION OF EXISTING UTILITIES IN PLANNING AND PRIOR TO EXECUTION OF WORK. THE LOCATION OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON INFORMATION PROVIDED BY THE UTILITIES AND SHALL BE CONSIDERED APPROXIMATE. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO THE STARTING OF CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE.

3. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY THE EXECUTION OF WORK UNDER THIS CONTRACT SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER OR INCREASE TO CONTRACT TIME. THE OWNER DOES NOT ASSUME OR IMPLY TO ANY LIABILITY FOR THE LOCATION, PROTECTION, AND/OR REPAIR OF ANY EXISTING UTILITIES THAT MAY OCCUPY JOINT RIGHT-OF-WAY OR OTHERWISE CONFLICT WITH THE CONSTRUCTION OF THE WORK TO BE INSTALLED UNDER THIS CONTRACT.

4. THERE SHALL BE NO DIRECT PAYMENT FOR LOCATING, EXPOSING, AND BRACING EXISTING UTILITY LINES WHERE REQUIRED. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN TRENCHING IN AREAS NEAR UTILITIES. SHOULD CONFLICTS OCCUR WHICH CAUSE THE LOCATION OF LINES AND GRADES, STORM DRAIN, MAINS OR SERVICES REQUIRED UNDER THIS CONTRACT TO BE CHANGED, THE SAME CONTRACT UNIT PRICES SHALL PREVAIL.

5. WHEN IT IS NECESSARY TO PERFORM WORK ACROSS A STREET BY OPEN CUT METHODS, THE PAVEMENT SHALL BE REPAIRED WITHIN SEVEN (7) DAYS AFTER BACKFILL HAS BEEN COMPLETED TO THE BASE OF THE PAVEMENT. APPROVAL SHALL BE OBTAINED FROM THE UTILITY OWNER AT LEAST 48 HOURS BEFORE CUTTING ANY STREET.

6. PROVIDE MATTING OVER ALL BURIED PIPELINES TO PROTECT UTILITIES FROM CONSTRUCTION TRAFFIC.

7. UNLESS NOTED OTHERWISE, UTILITIES SHALL BE RELOCATED OR ADJUSTED BY OTHERS. CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE UTILITIES AS REQUIRED IN THE SPECIFICATIONS.

8. THE CONTRACTOR SHALL NOTIFY THE POINT CLUB 72 HOURS PRIOR TO THE COMMENCEMENT OF THIS PROJECT. NOTIFICATION SHALL BE IN WRITING.

9. THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENTS OF THE WATER, GAS, SEWER, TELEPHONE & POWER COMPANIES 10 DAYS IN ADVANCE THAT HE INTENDS TO START WORK IN A SPECIFIC AREA. THE CONTRACTOR SHALL NOT COMMENCE WORK UNTIL ALL EXISTING UTILITIES ARE LOCATED.

10. THE OWNER DISCLAIMS ANY RESPONSIBILITY FOR THE SUPPORT & PROTECTION OF SEWERS, DRAINS, WATER PIPES, GAS PIPES, CONDUITS OF ANY KIND, UTILITIES OR OTHER STRUCTURES OWNED BY THE CITY, COUNTY, STATE OR BY PRIVATE OR PUBLIC UTILITIES LEGALLY OCCUPYING ANY STREET, ALLEY, PUBLIC PLACE OR RIGHT-OF-WAY.

11. THE CONTRACTOR SHALL NOTIFY *ALL APPROPRIATE UTILITIES IN ADVANCE TO ANY DIGGING RELATED TO THIS PROJECT* .

12. CONTRACTOR TO COORDINATE WITH RESPONSIBLE UTILITY FOR PROTECTION/HOLDING OF UTILITY POLES, GUY WIRES, AND GUY ANCHORS IN AREAS OF CONSTRUCTION.

PROJECT NAME: SOLDIERS CREEK ACCESS CHANNEL
Notes
PROJECT NO.: 2011-073
BY: KDJ DATE: 01/18/14
SHEET: 2 OF 9

ENVIRONMENTAL CONSULTANTS
1829 BAINBRIDGE AVENUE
PENSACOLA, FLORIDA 32507
TEL: 850.453.4700
KEITH@WETLANDSCIENCES.COM

WETLAND SCIENCES INCORPORATED

VII. SURVEYING NOTES

1. GRADES SHOWN ARE FINISHED GRADES.

2. THE CONTRACTOR IS RESPONSIBLE FOR EFFECTIVE CONSTRUCTION LAYOUT & STAKING AS NECESSARY TO CONSTRUCT THE PROJECT ACCORDING TO THE LINES & GRADES AS SHOWN.

VIII *REGULATORY AND PERMITTING REQUIREMENTS:*

1. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATIONS.

2. THE CONTRACT SHALL ADHERE TO ALL GENERAL AND SPECIFIC CONDITIONS OUTLINED IN THE PERMIT ISSUED BY THE DEPARTMENT OF THE ARMY CORPS OF ENGINEERS DATED TBD, FILE#TBD. COPIES OF PERMITS MAY BE OBTAINED FROM THE POINT CLUB OR ENVIRONMENTAL CONSULTANT.

V. EROSION & TURBIDITY CONTROL NOTES

1. SEDIMEN, EROSION, & TURBIDITY CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. AREAS OF OFF-SITE DISCHARGE DURING CONSTRUCTION SHALL BE PROTECTED WITH A SEDIMENT BARRIER TO PREVENT OFF-SITE DISCHARGE OF SEDIMENTS. TEMPORARY SEED & MULCH SHOULD BE USED TO CONTROL ON-SITE EROSION WHEN IT IS NOT PRACTICAL TO ESTABLISH PERMANENT VEGETATION. PERMANENT VEGETATION SHALL BE PLACED AS EARLY AS POSSIBLE ON ALL SLOPES STEEPER THAN 5-FOOT HORIZONTAL TO 1-FOOT VERTICAL. ALL EROSION & SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE.

2. PRIOR TO THE INITIATION OF ANY WORK, CONTRACTOR SHALL INSTALL FLOATING TURBIDITY BARRIERS WITH WEIGHTED SKIRSTS THAT EXTEND TO WITHIN 1 FOOT OF THE BOTTOM AOURND ALL WORK AREAS THAT ARE IN, OR ADJACENT TO, SURFACE WATERS. THE TURBIDITY BARRIERS SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE AUTHORIZED WORK HAS BEEN COMPLETED AND ALL ERODIBLE MATERIALS HAVE BEEN STABILIZED.

3. PRIOR TO CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PREPARE A DETAILED AND COMPREHENSIVE EROSION AND SILTATION CONTROL PLAN THAT COVERS ALL PHASES OF CONSTRUCTION OF THE PROJECT.

4. EROSION CONTROL PLAN - CONTRACTOR SHALL DESCRIBE IN DETAIL HOW THE CONSTRUCTION EFFORT WILL BE PHASED WITH REGARDS TO MINIMIZING EROSION PROBLEMS BY THE VARIOUS SEQUENCES OF CONSTRUCTION OPERATIONS. ANY MODIFICATIONS TO THIS PLAN MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REPRESENTING THE CONTRACTOR.

5. SLOPE PROTECTION - ANY DISTURBED OR REWORKED SLOPES SHALL BE ADEQUATELY PROTECTED FROM EROSION THROUGH THE USE OF TEMPORARY SLOPE DRAINS, TEMPORARY GRASSING, SODDING, OR EROSION CONTROL MATS UNTIL PERMANENTLY STABILIZED.

6. HAY BALES - THESE SHALL BE PLACED AT THE BASE OF ANY SLOPE WHERE A RAINFALL EVENT COULD ERODE A SLOPE AND TRANSPORT SEDIMENTS. BALES SHOULD BE DOUBLE STAKED IN ACCORDANCE WITH STANDARD INDICES. IF EROSION DEPOSITS REACH ½ THE EXPOSED HEIGHT OF EXISTING BALES, THEN SEDIMENTS SHOULD BE REMOVED. ANY DAMAGED OR INEFFECTIVE BALES ARE TO BE REPLACED WITH NEW ONES.

7. STOCKPILED MATERIALS - THIS MATERIAL SHALL NOT BE LEFT IN EROSION PRONE AREAS UNLESS PROTECTED BY COVER OR HAY BALES.

8. SILT FENCE SHALL BE PLACED ALONG THE PERIMETER OF THE DREDGE SPOIL DISPOSAL CELL.

9. THE CONTRACTOR SHALL USE SEDIMENT, EROSION, TURBIDITY CONTROL MEANS/DEVICES INCLUDING BUT NOT LIMITED TO HAY BALES AND SILT FENCES TO PREVENT EROSION AND SEDIMENT TRANSPORT OUTSIDE THE LIMITS OF CONSTRUCTION.

10. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO REQUESTING A FINAL INSPECTION.

11. CONTROL OF SEDIMENTATION, EROSION, TURBIDITY SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

12. ON SITES GREATER THAN 1 ACRE, IF GREATER THAN 1 CONTIGUOUS ACRE IS CLEARED, A GROUND COVER SUFFICIENT TO PREVENT EROSION SHOULD BE PLANTED OR OTHERWISE STABILIZED WITHIN 10 WORKING DAYS ON THAT PORTION OF THE SITE UPON WHICH FURTHER ACTIVE CONSTRUCTION WILL NOT BE UNDERTAKEN WITHIN 90 DAYS.

13. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL REQUIRED SOIL EROSION AND SEDIMENT CONTROL MEASURES. THE CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE AND COMPLY WITH A STORM WATER POLLUTION PREVENTION PLAN. THE CONTRACTOR WILL ENSURE THAT EROSION CONTROL IS INSTALLED AND MAINTAINED FOR THE DURATION OF THE PROJECT AND UNTIL FINAL PROJECT SITE STABILIZATION IS ESTABLISHED. THE CONTRACOTR WILL INSURE THAT EROSION CONTROL IS IMPLEMENTED AND MAINTAINED FOR ALL WETLANDS, DITCHES, STEEP SLOPES, STORM WATER INLETS AND OTHER ENVIRONMENTAL AND AESTHETIC AREAS ADJACENT TO THE PROJECT. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATIONS. COSTS FOR EROSION AND SEDIMENT CONTROL MEASURES AND STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ALL ITEMS OF WORK REQUIRING SAME.

14. THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE POINT CLUB AN INSPECTION OF THE EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO CONSTRUCTION AND THE FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION

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PROJECT NAME: SOLDIERS CREEK ACCESS CHANNEL
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BY: KDJ DATE: 01/16/14
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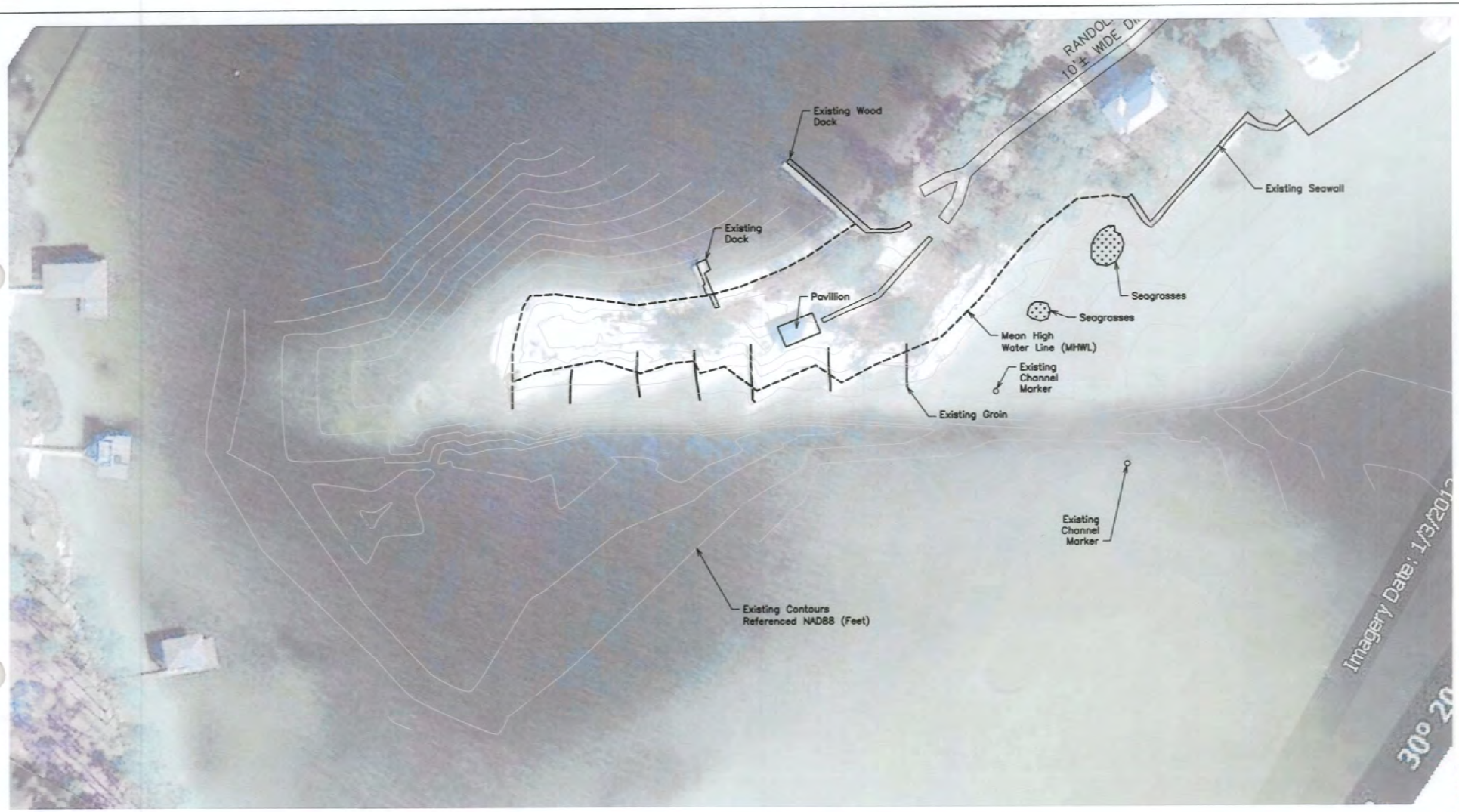
WETLAND SCIENCES INCORPORATED



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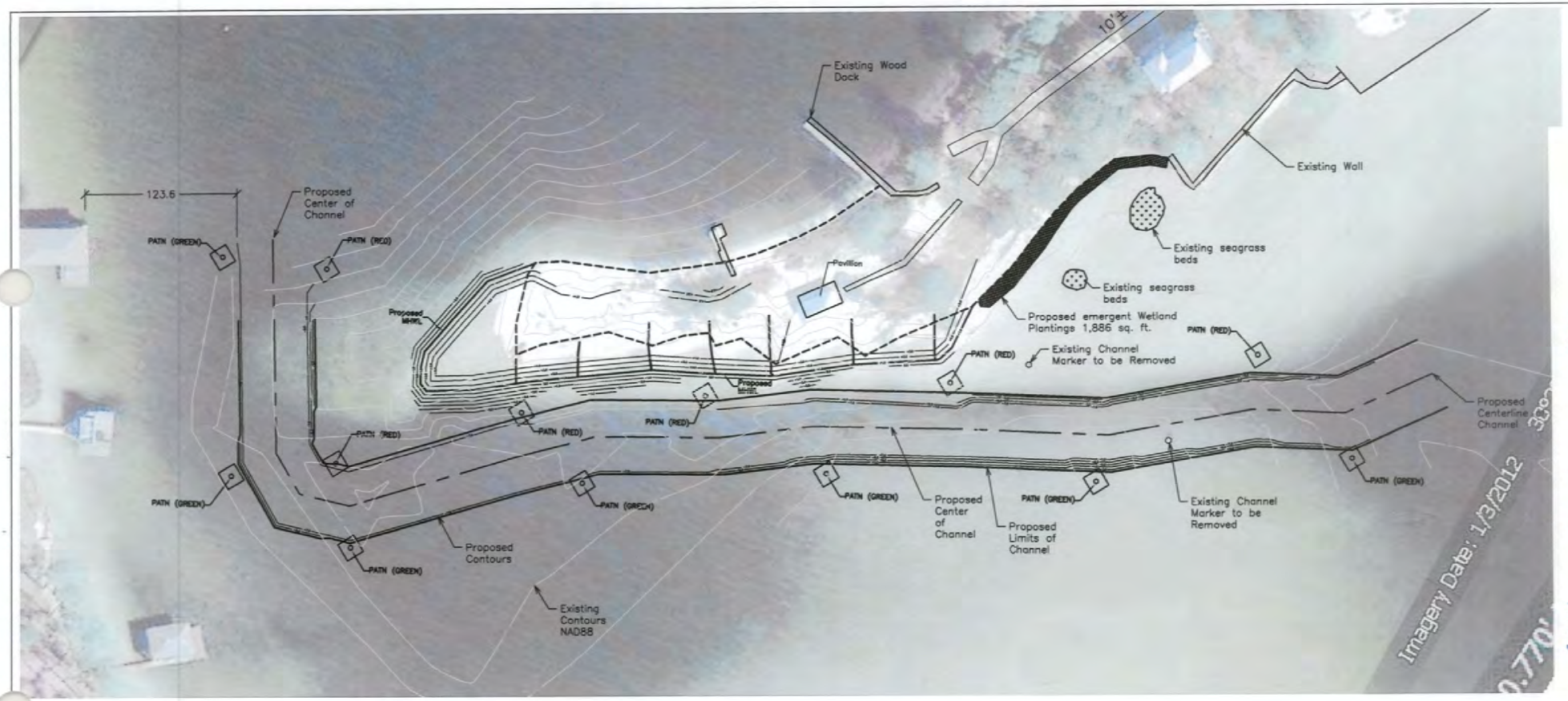
SAM-2014-00157-LET
DEPT OF THE ARMY PERMIT



TOTAL CUT: 2,462 CUBIC YARDS
AREA OF WATERBOTTOM (BELOW MHWL IMPACTED BY DREDGING: 65,336.60 SQ. FT.
TOTAL FILL: 2,724 CUBIC YARDS
AREA OF WATERBOTTOM (BELOW MHWL IMPACTED BY DISCHARGE OF DREDGED/FILL MATERIAL (SHORELINE NOURISHMENT): 19,616.00 SQ. FT.
QUANTITY OF FILL THAT WILL BE DISCHARGED BELOW MHWL: 911 CUBIC YARDS
DREDGE DEPTH −7 NGVD (APPROXIMATELY −8 MHWL)

NOTE: DREDGING WILL BE ACCOMPLISHED THROUGH MECHANICAL MEANS. CONTRACTOR SHALL MECHANICALLY DREDGE FROM BARGE AND TRANSFER TO LAND AND/OR DREDGE FROM UPLANDS.

PROPOSED PATONS

PROPOSED EMERGENT WETLAND PLANTING 1,886 SQ. FT.

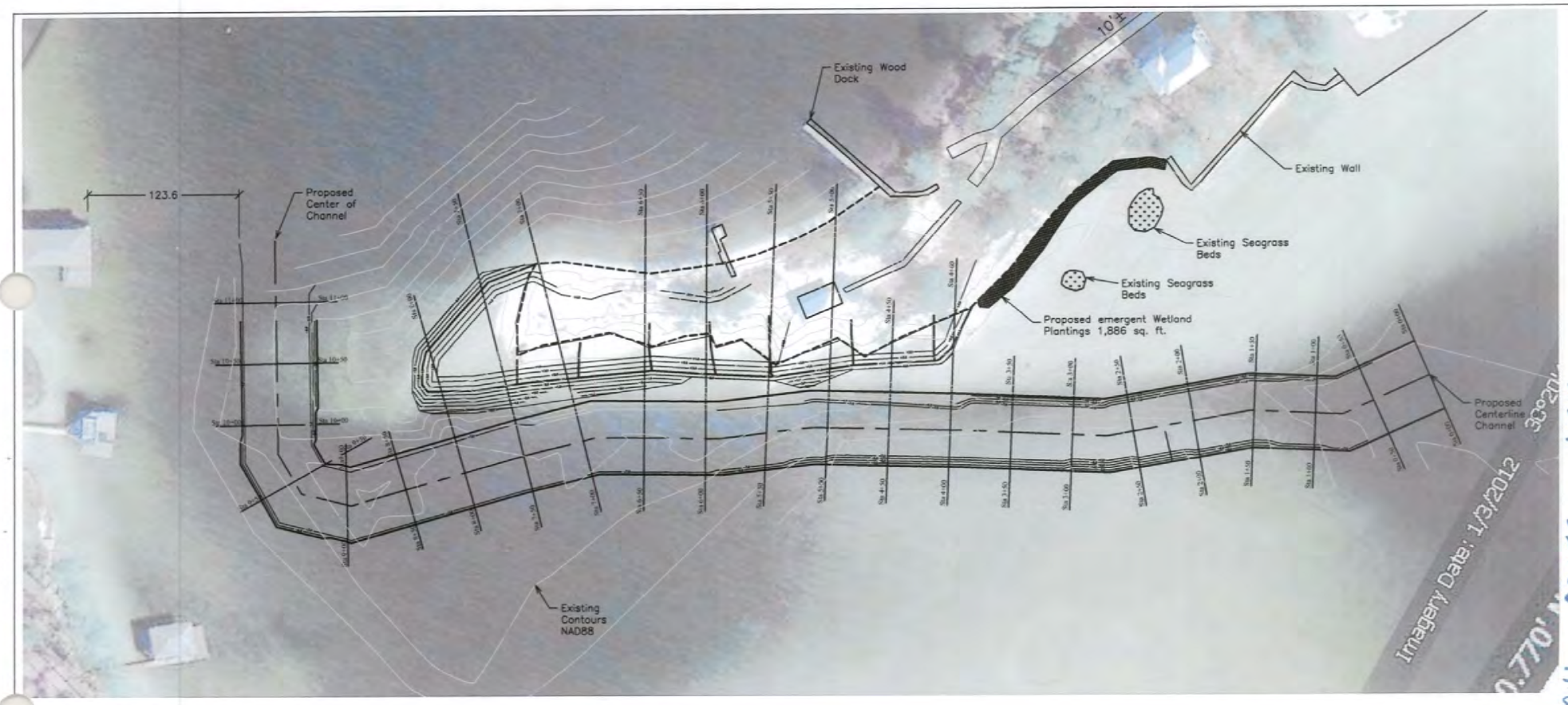
EXISTING SEAGRASS BEDS

SAM- 2014 - 00157 - LET
DEPT. OF THE ARMY PERMIT

WETLAND SCIENCES INCORPORATED
ENVIRONMENTAL CONSULTANTS
1829 BAINBRIDGE AVENUE
PENSACOLA, FLORIDA 32507
TEL: 850.453.4700
KEITH@WETLANDSCIENCES.COM

PROJECT NAME: SOLDIERS CREEK ACCESS CHANNEL
PROPOSED CONDITIONS
PROJECT NO.: 2011−073
BY: KDJ DATE: 03/12/14
SHEET: 5 OF 9

60 0 30 60
(IN FEET)



TOTAL CUT: 2,462 CUBIC YARDS
AREA OF WATERBOTTOM (BELOW MHWL IMPACTED BY DREDGING: 65,336.60 SQ. FT.
TOTAL FILL: 2,724 CUBIC YARDS
AREA OF WATERBOTTOM (BELOW MHWL IMPACTED BY DISCHARGE OF DREDGED/FILL MATERIAL (SHORELINE NOURISHMENT): 19,616.00 SQ. FT.
QUANTITY OF FILL THAT WILL BE DISCHARGED BELOW MHWL: 911 CUBIC YARDS
DREDGE DEPTH −7 NGVD (APPROXIMATELY −8 MHWL)

NOTE: DREDGING WILL BE ACCOMPLISHED THROUGH MECHANICAL MEANS. CONTRACTOR SHALL MECHANICALLY DREDGE FROM BARGE AND TRANSFER TO LAND AND/OR DREDGE FROM UPLANDS.

PROPOSED PATONS

PROPOSED EMERGENT WETLAND PLANTING 1,886 SQ. FT.

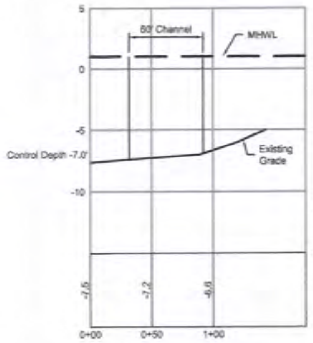
EXISTING SEAGRASS BEDS

SAM- 2014 - 00153 - LET
DEPT. OF THE ARMY PERMIT

WETLAND SCIENCES INCORPORATED
ENVIRONMENTAL CONSULTANTS
1829 BAINBRIDGE AVENUE
PENSACOLA, FLORIDA 32507
TEL: 850.453.4700
KEITH@WETLANDSCIENCES.COM

PROJECT NAME: SOLDIERS CREEK ACCESS CHANNEL
PROPOSED CONDITIONS WITH SECTIONS
PROJECT NO.: 2011-073
BY: KDJ DATE: 03/12/14
SHEET: 6 OF 9

60 0 30 60
(IN FEET)



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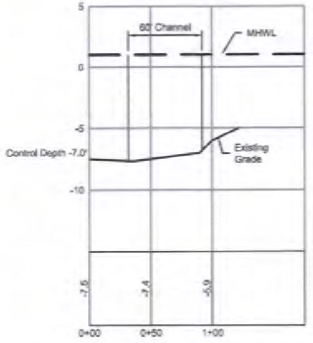

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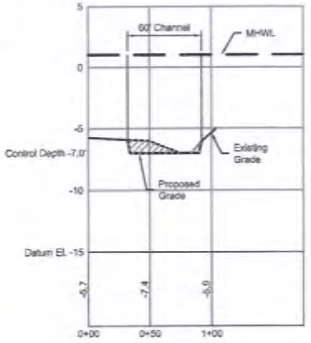

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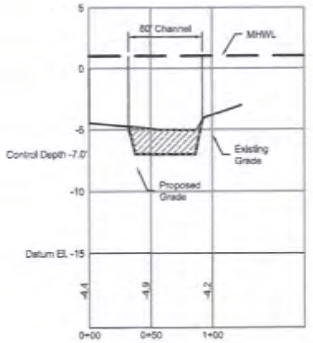

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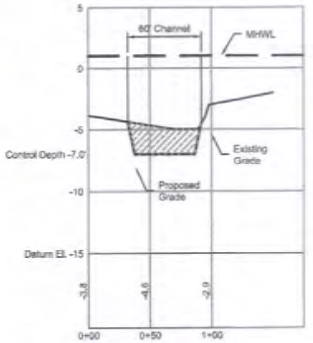

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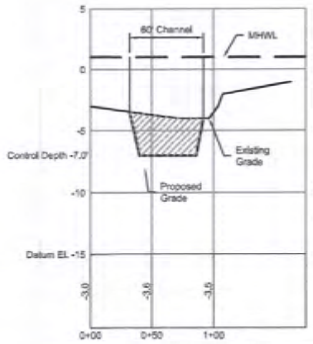

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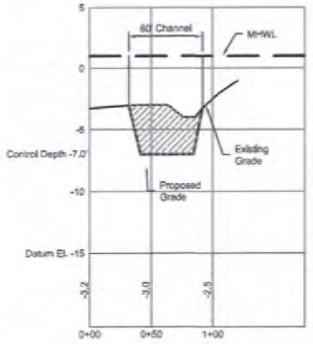

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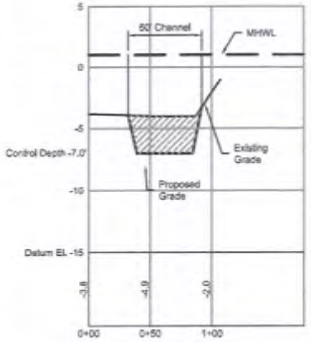

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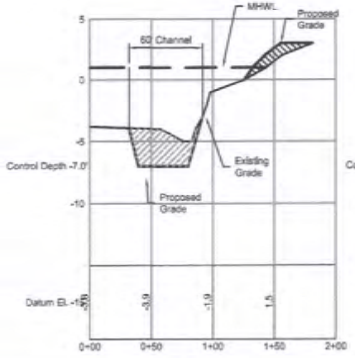

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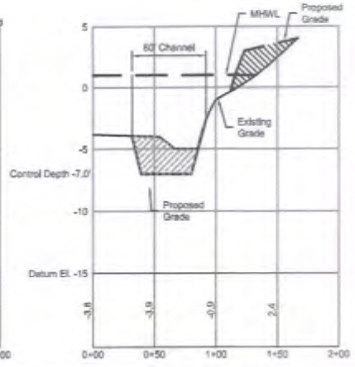

STA 4+50

VERTICAL SCALE

10 0 5 10

(IN FEET)

HORIZONTAL SCALE

100 0 50 100

(IN FEET)

CUT

FILL

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WETLAND SCIENCES INCORPORATED

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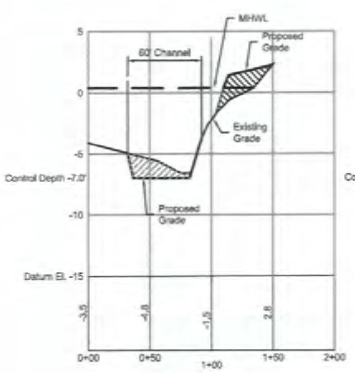
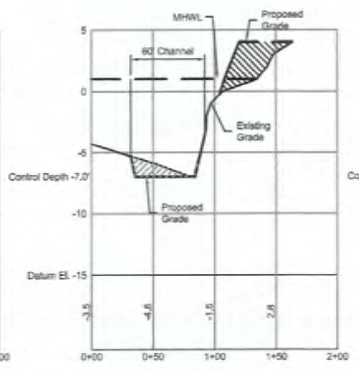
1829 BAINBRIDGE AVENUE
PENSACOLA, FLORIDA 32507
TEL: 850.453.4700
KEITH@WETLANDSCIENCES.COM

PROJECT NAME: SOLDIERS CREEK ACCESS CHANNEL	
CROSS SECTION STA 0+00 THROUGH 4+50	
PROJECT NO.: 2011-073	
BY: KDJ	DATE: 01/18/14
SHEET: 7 OF 9	



STA 5+00



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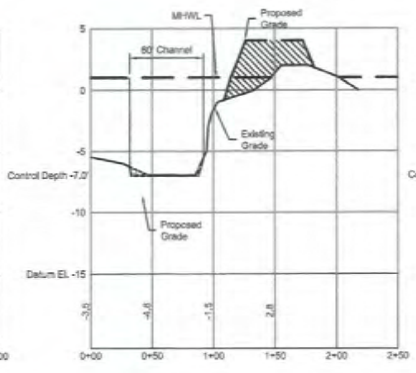

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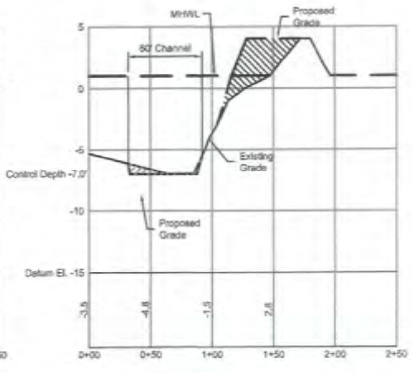

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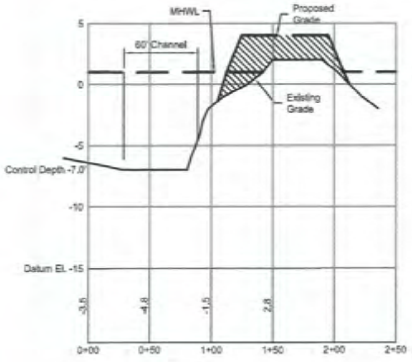

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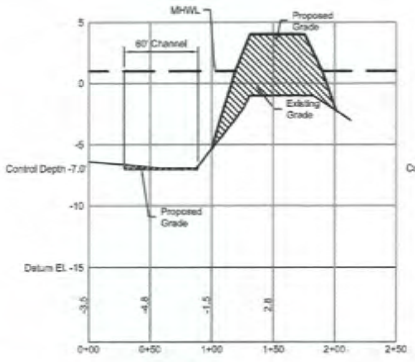

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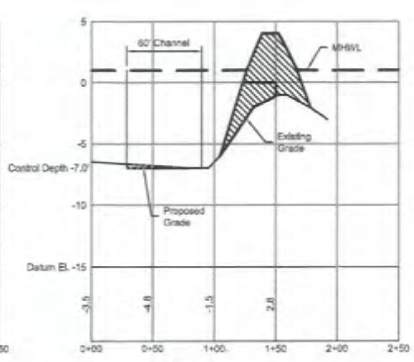

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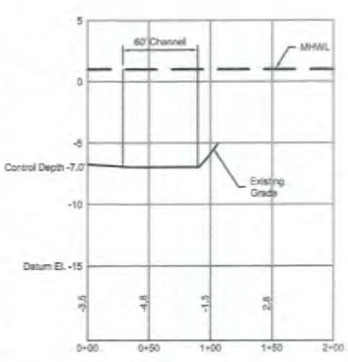

STA 8+50

VERTICAL SCALE

10 0 5 10

(IN FEET)

HORIZONTAL SCALE

100 0 50 100

(IN FEET)

CUT

FILL

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PROJECT NAME:	SOLDIERS CREEK ACCESS CHANNEL
CROSS SECTION	STA 5+00 THROUGH 8+50
PROJECT NO.:	2011-073
BY: KDJ	DATE: 01/18/14
SHEET:	8 OF 9

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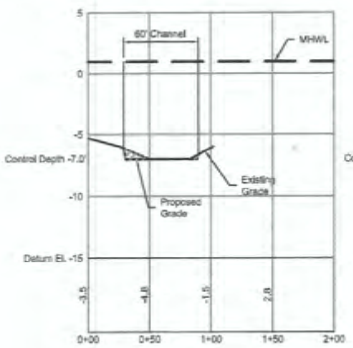

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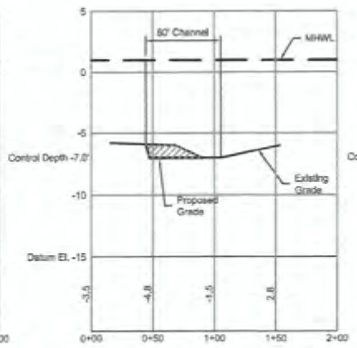

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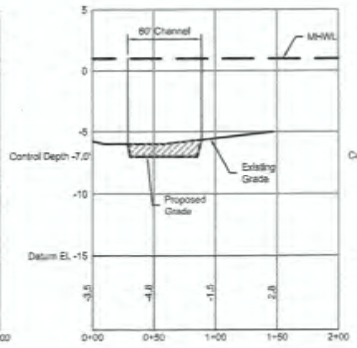

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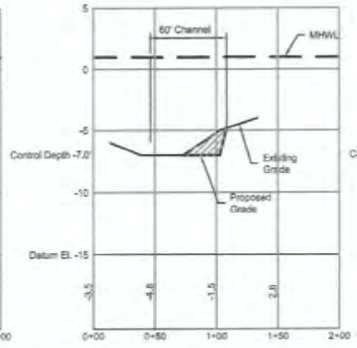

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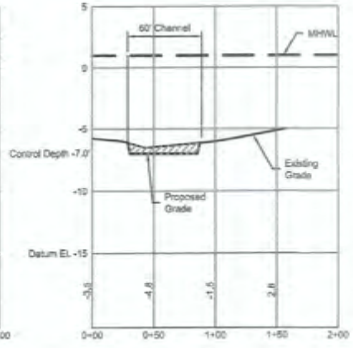

STA 11+00

VERTICAL SCALE

10 0 5 10

(IN FEET)

HORIZONTAL SCALE

100 0 50 100

(IN FEET)

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PROJECT NAME:	SOLDIERS CREEK ACCESS CHANNEL
CROSS SECTION	STA 9+00 THROUGH 11
PROJECT NO.:	2011-073
BY: KDJ	DATE: 01/18/14
SHEET:	9 OF 9

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