

ARCHITECTURAL

LS3P ASSOCIATES, LTD. 701-A Lady Street Columbia, SC 29201 Tel: (803) 765-2418 Fax: (803) 765-2419

CIVIL ENGINEER

SEAMON WHITESIDE & ASSOC. 501 Wando Park Blvd, Suite 200 Mount Pleasant, SC 29464 Tel: (803) 884-1667 Fax: (803) 884-6944

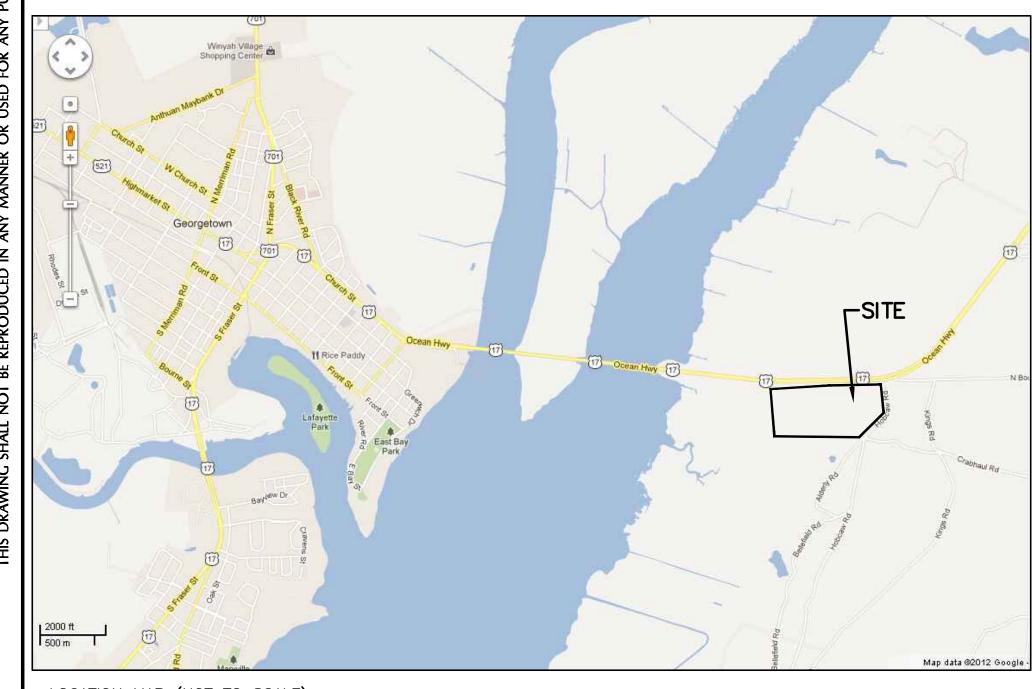
SURVEYING

ROBERT L BELLAMY & ASSOC. 4706 Oleander Drive Myrtle Beach, SC 29577 Tel: (843) 449-9453 Fax: (843) 449-8359

GEOTECHNICAL

THE TOLLESON LIMITED COMPANY 136 Stonemark Lane, Suite 110 Columbia, SC 29210 Tel: (803) 783-9013 Fax: (803) 783-9210

KIMBEL POND MAINTENANCE REPAIR WORK THE UNIVERSITY OF SOUTH CAROLINA GEORGETOWN, SC



LOCATION MAP (NOT TO SCALE)

PROJECT TEAM

PROPERTY OWNER

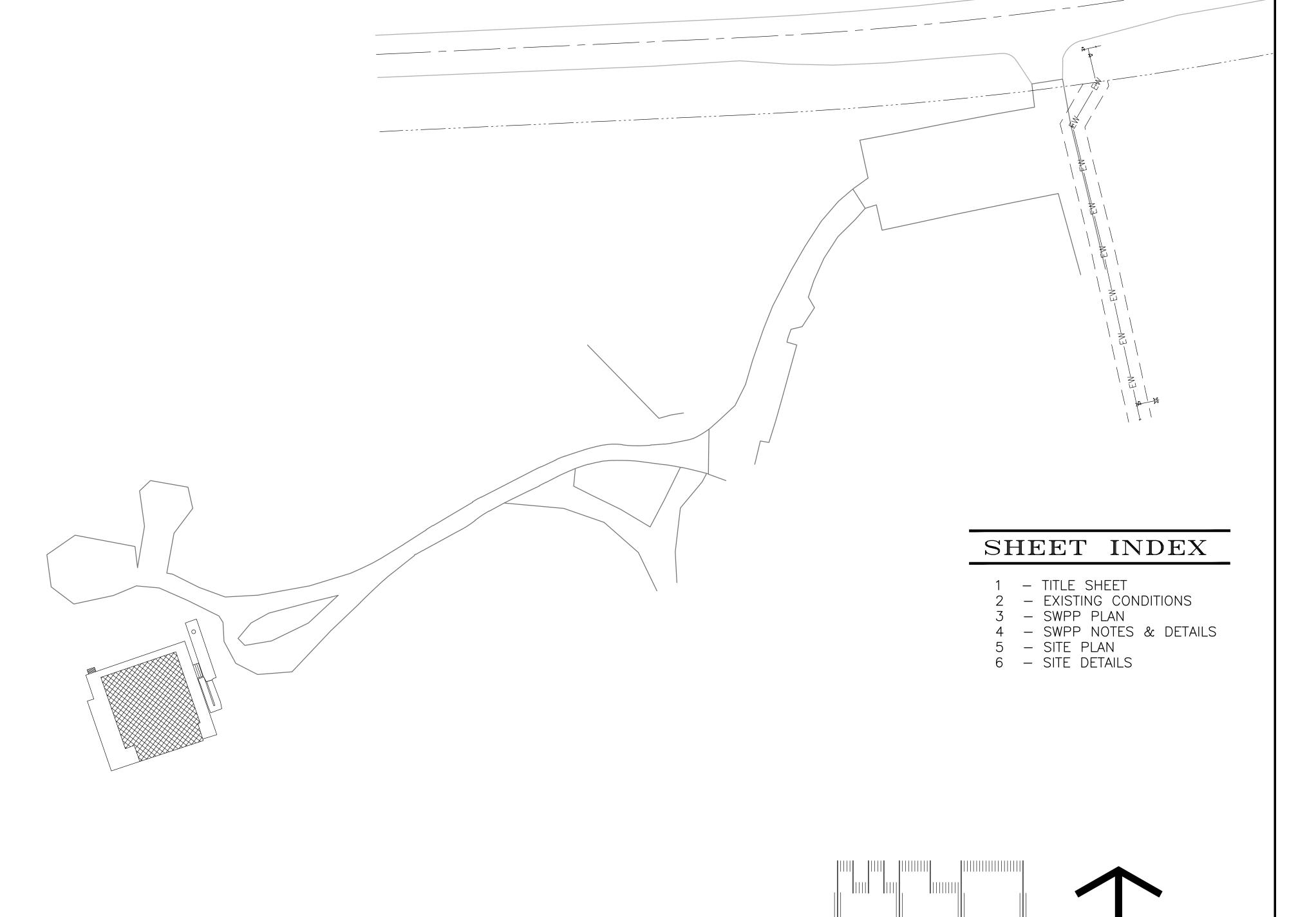
THE BELLE W. BARUCH FOUNDATION 22 HOBCAW RD. GEORGETOWN, SC 29440 GEORGE CHASTAIN PHONE: (843)904-9010

DEVELOPER

THE UNIVERITY OF SOUTH CAROLINA 743 GREEN ST. COLUMBIA, SC 29208 GENE BOBROW PHONE: (803)777-4569

ENGINEER

SEAMON, WHITESIDE, & ASSOCAITES, INC. 501 WANDO PARK BLVD., STE 200 MT. PLEASANT, SC 29464 SARAH MOORE PHONE: (843)884-1667

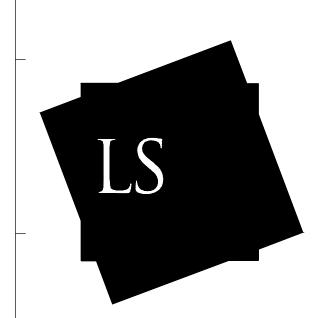


HOBCAW EDUCATION CENTER [NERR]:

DAM MAINTENANCE AND EDUCATIONAL WATER CONTROL SYSTEM REPLACEMENT

FOUNDATION



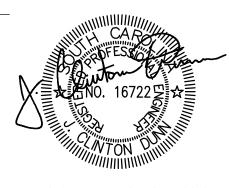


701-A LADY STREET, COLUMBIA SC 29201 TEL. 803.765.2418 FAX 803.251.4769 WWW.LS3P.COM

_			
side	JAIES Urban Design	607 Pendleton Street, Suite 100 Greenville, SC 29601-3319	864.298.0534 (f) 864.298.8018
White	+ ASSUCIALES Civil Engineering Urban Design	607 Pendleton Greenville	864.298.0534
SeamonWhitesig	Land Planning Landscape Architecture C	501 Wando Park Blvd., Suite 200 Mount Pleasant, SC 29464-7849	843.884.1667 (f) 843.884.6944

MEMBERS OF THE AMERICAN INSTITUTE OF ARCHITECTS COPYRIGHT 2012ALL RIGHTS RESERVED PRINTED OR ELECTRONIC DRAWINGS AND DOCUMENTATION MAY NOT BE REPRODUCED IN ANY FORM WITHOUT WRITTEN PERMISSION FROM LS3P ASSOCIATES LTD.

REVISIONS:



DRAWN BY: CHECKED BY:

TITLE SHEET

SOLUTIONS THROUGH LISTENING

EXISTING WOOD — RETAINING WALL 4" MAGNOLIA EXISTING WOOD
OUTLET STRUCTURE
WITH GRATE WETLAND DELINEATION EXISTING POND WSE=6.23' LEGEND EXISTING TOPOGRAPHIC LINE ----5----EXISTING STORM DRAINAGE —— ED—— ED—— ED—— NOTES: 1. TOPOGRAPHIC, TREE, & UTILITY SURVEY COMPLETED BY ROBERT L. BELLAMY & ASSOCIATES, INC. MARCH 28, 2012.
2. UNDERGROUND UTILITY LOCATIONS ARE SHOWN IN AN APPROXIMATE WAY ONLY. CONTRACTOR TO VERIFY LOCATIONS PRIOR TO CONSTRUCTION. EXISTING TREE GRAPHIC SCALE: 1" = 10'

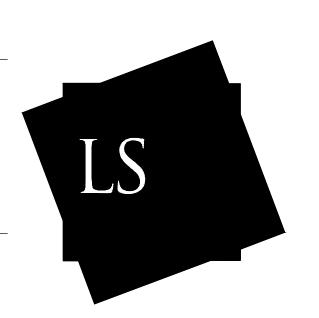
HOBCAW EDUCATION CENTER [NERR]:

DAM MAINTENANCE AND EDUCATIONAL WATER CONTROL SYSTEM REPLACEMENT

THE BELLE W. BARUCH FOUNDATION

THE UNIVERSITY OF SOUTH CAROLINA



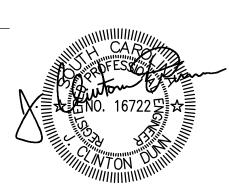


LS3P ASSOCIATES LTD.
701-a lady street, columbia sc 29201
TEL. 803.765.2418 FAX 803.251.4769
WWW.LS3P.COM

'	**************************************				
SeamonWhiteside +ASSOCIATES	Civil Engineering Urban Design	607 Pendleton Street, Suite 100 Greenville, SC 29601-3319 864.298.0534 (f) 864.298.8018			
Seamon	Land Planning Landscape Architecture	501 Wando Park Blvd., Suite 200 Mount Pleasant, SC 29464-7849 843.884.1667 (f) 843.884.6944			

MEMBERS OF THE AMERICAN INSTITUTE OF ARCHITECTS COPYRIGHT 2012ALL RIGHTS RESERVED PRINTED OR ELECTRONIC DRAWINGS AND DOCUMENTATION MAY NOT BE REPRODUCED IN ANY FORM WITHOUT WRITTEN PERMISSION FROM LS3P ASSOCIATES LTD.

REVISIONS:

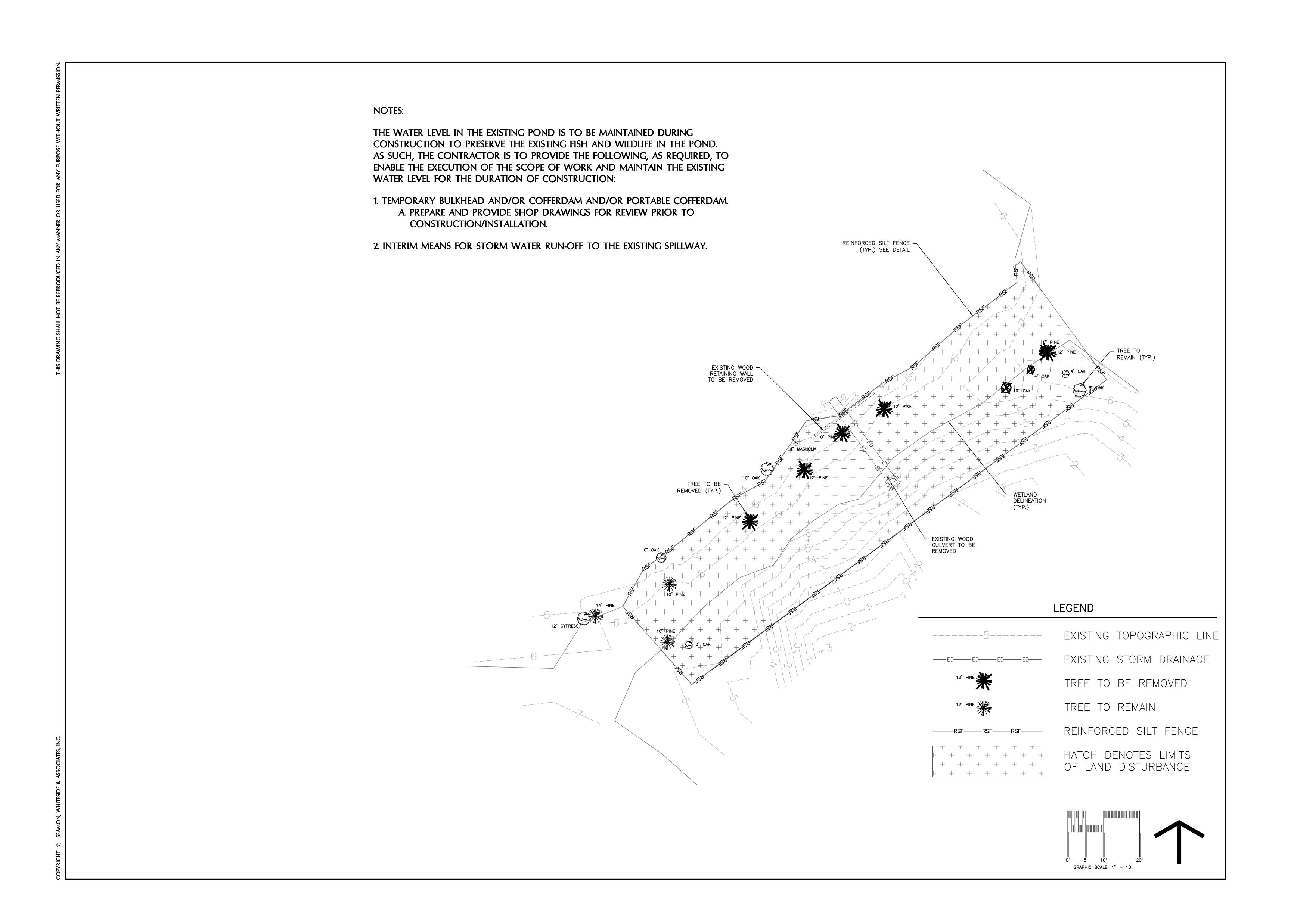


CHECKED BY:

SHEET 2 OF 6

EXISTING CONDITIONS

SOLUTIONS THROUGH LISTENING



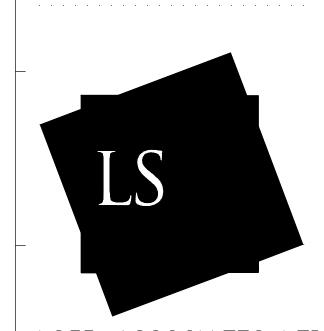
HOBCAW EDUCATION CENTER [NERR]:

DAM MAINTENANCE AND EDUCATIONAL WATER CONTROL SYSTEM REPLACEMENT

THE BELLE W. BARUCH **FOUNDATION**

THE UNIVERSITY OF SOUTH CAROLINA



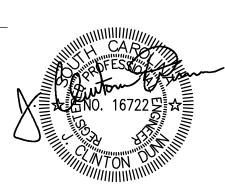


LS3P ASSOCIATES LTD.
701-A LADY STREET, COLUMBIA SC 29201
TEL. 803.765.2418 FAX 803.251.4769
WWW.LS3P.COM

Seamon Mhiteside + ASSOCIATES Land Planning Landscape Architecture Civil Engineering Urban Design 501 Wando Park Blvd., Suite 200 Mount Pleasant, SC 29464-7849 843.884.1667 (f) 843.884.6944 864.298.0534 (f) 864.298.8018		VV VV VV	LSSP.CUM
ODDW chitecture Civil	Side		n Street, Suite 100 lle, SC 29601-3319 (f) 864.298.8018
Seamon d Planning Landscape Architecture L Wando Park Blvd., Suite 200 unt Pleasant, SC 29464-7849 3.884.1667 (f) 843.884.6944	White +ASSO	Civil Engineering	607 Pendleto Greenvii 864.298.0534
d Planning L Wando Park unt Pleasant, 3.884.1667 (f	eamon	Landscape Architecture	Blvd., Suite 200 SC 29464-7849 ') 843.884.6944
Lan 501 Mo 843		Land Planning	501 Wando Park Mount Pleasant, 843.884.1667 (f

MEMBERS OF THE AMERICAN INSTITUTE OF ARCHITECTS COPYRIGHT 2012ALL RIGHTS RESERVED PRINTED OR ELECTRONIC DRAWINGS AND DOCUMENTATION MAY NOT BE REPRODUCED IN ANY FORM WITHOUT WRITTEN PERMISSION FROM LS3P ASSOCIATES LTD.

REVISIONS:



DRAWN BY: CHECKED BY:

SHEET 3 of 6SWPP

PLAN

SOLUTIONS THROUGH LISTENING

"U" OR "T" SECTION STEEL POST. MAX DRAINAGE FACILITIES MAINTENANCE PLAN SPACING = 6' O.C.. These plans have been prepared to meet the initial requirements of a Stormwater Pollution Prevention Plan (SWPPP) for coverage under 1. Temporary stormwater and sediment controls (SSC's): SILT FENCE FABRIC the NPDES General Permit for Stormwater Discharges from Large and Small Construction Activities (NPDES). The Owner and a. The Contractor shall be responsible for all maintenance including but not necessarily limited to: STEEL WELDED WIRE Contractor(s) are advised that additional requirements, which are beyond the scope of these plans, must be met in order to assure i. During construction (until final acceptance by the Engineer): REINFORCEMENT continued coverage under the NPDES. (1) Daily: EXCAVATE TRENCH FOR FULL 6X6-W2.9XW2.9 (a) Observing paved areas that are utilized for site access to look for signs of soil being tracked from the site and LENGTH OF SILT FENCE, POSITION _ . Coverage under the NPDES is initiated by the SC Dept. of Health and Environmental Control's (SCDHEC) approval of the project for FABRIC, THEN BACKFILL AND taking corrective action as necessary (see note #3 under "Stormwater and Sediment Control"). construction. The Owner's submittal of an Environment Protection Agency (EPA) Notice of Intent (NOI) serves as the Owner's COMPACT WITH EXCAVATED SOIL. certification that he has prepared, and will implement and maintain, a SWPPP throughout the construction period. Furthermore, it (b) Correcting any damage to SSC's as soon as possible when it occurs. NOTES:

1. REMOVE ACCUMULATED certifies that he will document and where required, report site conditions, remedial efforts, SWPPP modifications, and other stormwater (2) Weekly (see note #6 under "Stormwater and Sediment Control"): related activities in accordance with NPDES requirements. Coverage under the NPDES is terminated upon the Owner's submittal of an SEDIMENT WHENEVER IT (a) Inspecting SSC's for damage and accumulated sediment. Removing sediment and repairing or replacing damaged EPA Notice of Termination (NOT) when SCDHEC approval of the completed project has been received. REACHES A DEPTH OF 8". SSC's as necessary. (b) Evaluating performance and amending, modifying, improving, or relocating SSC's as necessary. 3. The Owner is advised that SWA's scope of services does not necessarily include efforts to document and report activities in accordance (c) Logging inspection observations, recommendations, repairs, relocations, amendments, and improvements as with NPDES requirements. While SWA can perform these services upon request, they can also be provided by third party firms who specialize in documentation and reporting of NPDES related activities. Regardless, these activities must be accomplished, documented, necessary. and where required, reported throughout the construction period in order to avoid an NPDES violation. (a) Evaluating site and installing permanent landscaping or temporary seeding as necessary (see note #7 under . Additional parties who are associated with land disturbing activities for a project that has received NPDES coverage may share "Stormwater and Sediment Control"). responsibility for compliance under the NPDES Co-permittee Regulations. In addition, parties who are associated with land disturbances ii. At completion of construction (upon final acceptance by Engineer) that are part of a "Larger Common Plan" (LCP) that has received NPDES coverage may also share responsibility for compliance under the NPDES Co-permittee Regulations. All parties associated with any construction activities are advised to clarify their responsibilities (1) Removal of all temporary SSC's (see note #12 under "Stormwater and Sediment Control"). with regard to compliance with the requirements of the NPDES. 2. Pond(s) and/or Detention Basin(s) 5. For projects that disturb more than 10 acres and projects that are associated with a LCP that disturbs more than 10 acres, a. During construction (until final acceptance by the Engineer): contractor shall coordinate with SWA to ensure that the NPDES required Pre-Construction Meeting is held prior to initiation of land i. The Contractor shall be responsible for all maintenance including but not necessarily limited to: disturbing activities. (1) Removing accumulated sediment. 6. Residential subdivisions require stormwater and sediment control features (SSC's) for infrastructure as well as individual lot construction. (2) Maintaining pond banks including prevention and repair of slope erosion. Individual lot owners shall follow these plans during construction or obtain approval of an individual plan in accordance with the SC (3) Establishing and maintaining temporary and permanent stabilization (landscaping and/or grass as indicated on the REINFORCED SILT FENCE Standards for Stormwater Management and Sediment Reduction (SCR 72-300 et seq.) and the NPDES General Permit (SCR 100000). (NOT TO SCALE) b. After construction: i. The Owner or his Assigns shall be responsible for perpetual maintenance including but not necessarily limited to: STORMWATER AND SEDIMENT CONTROL 1. SOW TEMPORARY SEED AND ESTABLISH TURF IMMEDIATELY (a) Aesthetic maintenance of the banks and surrounding common areas including mowing, landscape maintenance, and . Any clearing or land disturbance outside of the limits defined by the plans is prohibited. UPON COMPLETION OF GRADING AND SOIL PREPARATION. removal of trash and debris. ?. The SSC's shown on these plans represent the Engineer's opinion of reasonable measures to control stormwater and to prevent (2) Every 6 months: 2. WHEN DIRECTED BY ENGINEER, RE-GRADE SLOPE TO sediment from leaving the site; however, stormwater and sedimentation control is a dynamic process that requires monitoring, (a) Inspection of the pond(s) and associated outlet structure(s). FINAL DESIGN CONFIGURATION AND PROCEED WITH maintenance and adaptation to changing site conditions. The Contractor shall implement and maintain any and all measures necessary SUBSEQUENT CONSTRUCTION OR FINAL (b) Removal of any blockages and accumulated debris at the outlet structure(s). to control stormwater and to prevent sediment from leaving the site, whether shown on these plans or not, until final acceptance of STABILIZATION MEASURES (c) Repair and stabilization of any bank erosion. AS INDICATED. (d) Repair or replacement of any damage to the outlet structure(s). 5. The Contractor shall take any and all necessary actions to prevent tracking of soil onto paved areas that are utilized for access to the (3) Every 12 months: site. Should tracking occur the Contractor shall immediately: cease causal operations, remove the soil in a manner that will not result (a) Treatment, as necessary, for aquatic weed control. in uncontrolled sedimentation, and implement or perform maintenance on controls as necessary to eliminate the problem before (4) Every 5 years: resuming operations. (a) Removal and proper disposal of accumulated sediment. l. All Waters of the State (WoS), including wetlands, are to be flagged or otherwise clearly marked in the field. A double row of silt fence (or as otherwise required by authority having jurisdiction) (or as otherwise required by authority having jurisdiction) shall be installed in 3. Drainage culverts and structures: all areas where a 50 ft buffer cannot be maintained between the disturbed area and the WoS. In addition, a 10 ft buffer shall be a. During construction (until final acceptance by the Engineer): maintained between the nearest row of silt fence and the WoS. The Contractor shall be responsible for all maintenance including but not necessarily limited to: (1) Protecting the culverts and structures from damage. (2) Preventing sediment from entering the culverts and structures. 6. Litter, construction debris, oils, fuels, chemicals, and building products with significant potential for impact (such as stockpiles of freshly (3) Repair of any damage or removal of sediment as soon as possible after it occurs. treated lumber) shall be prevented from entering or otherwise polluting stormwater discharges. . The Contractor shall inspect all SSC's at least once every 7 calendar days. If site inspections identify SSC's that are damaged or are i. The Owner or his Assigns shall be responsible for perpetual maintenance including but not necessarily limited to: not operating effectively, maintenance or replacement shall be performed as soon as possible and before the next storm event (1) Every 12 months: (a) Inspection of the culverts and structures for sedimentation, damage, or evidence of leakage. (b) Removal of sediment and repair as necessary. Stabilization measures (either permanent landscaping or temporary grassing) shall be installed as soon as practical on portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after construction has DOZER TREADS CREATE GROOVES PERPENDICULAR SEQUENCE OF CONSTRUCTION a. Where stabilization before the 14th day is precluded by snow cover or frozen ground conditions, stabilization measures shall be TO THE SLOPE Items must occur in the order listed; items cannot occur concurrently unless specifically noted. installed as soon as practicable. b. Where construction activity on a portion of the site has temporarily ceased and land disturbing activities will resume within 14 days, TEMPORARY SURFACE TRACKING temporary stabilization measures are not required on that portion of the site. 1. Receive NPDES coverage from DHEC. (NOT TO SCALE) . Temporary diversion berms and/or ditches shall be installed as needed during construction to protect work areas from upslope runoff 2. Conduct pre-construction meeting (on—site if more than 10 disturbed and non—linear). and/or to divert sediment laden water to appropriate traps or stable outlets. 3. Notify DHEC EQC Regional office or OCRM office 48 hours prior to beginning land—disturbing activities. 9. Where necessary, slopes that exceed 8 vertical feet in height shall be stabilized with synthetic or vegetative mats, in addition to seeding as indicated below. Temporary slope drains and/or berms shall be installed as necessary until final grade and stabilization is 4. Install construction entrance(s) and begin maintenance of all temporary sediment controls as necessary. Continue maintenance until all final stabilization measures are in place and removal of controls is approved by the designated authority. O.Install silt fence and/or other SSC's where required to control erosion during utility construction. All disturbed areas shall be cleaned, graded and stabilized by permanent seeding, or other measures where indicated on the plans, immediately after utility construction is 5. Clear & grub only as necessary for installation of perimeter controls. complete. Backfilling of the trench at the end of each day is mandatory and temporary seeding is recommended. 6. Install perimeter controls (silt fence). 1. Water that is being pumped from trenches or excavations shall be filtered to remove sediment prior to being discharged offsite or into any WoS. In addition, the intake of sediment shall be minimized by equipping the intake with a float or by embedding it in filter rock. 7. Clear & grub areas for basins/ traps/ ponds. Erosion at the pump outlet shall be minimized through the use an energy dissipater, sediment basin or other appropriate SSC's. 12.The Contractor shall remove all temporary SSC's upon final acceptance of the Project by the Engineer. Removal shall not be initiated 8. Install basins/ traps/ ponds and diversions to those structures (outlet structures must be completely installed as shown on the details until all trapped sediment has been removed, permanent grass and landscaping has been established, and the Engineer has approved before proceeding to the next step; areas draining to these structures cannot be disturbed until the structures and diversions to the structures are completely installed). TEMPORARY SEEDING (To be used only for temporary stabilization during construction) 9. Clear & grub the remainder of the site or complete demolition if applicable (sediment & erosion control measures for these areas must already be installed). . All preparation, installation, and maintenance of temporary seeding shall be in accordance with applicable portions of Section 810 of the SCDOT Standard Specifications for Highway Construction (latest edition). 10.Complete rough grading. 2. In particular the Contractor shall: a. Establish a stand of vegetation that is capable of erosion control. 11.Initiate building construction and install utilities as applicable. b. Provide minimum density coverage of 70% throughout the seeded area. c. Maintain the stand of vegetation until replaced by permanent landscaping or subsequent construction. 12.Install storm drain system including sediment protection as each drainage structure is installed. . Temporary seed shall be in accordance with Appendix C of the South Carolina DHEC Storm Water Management BMP Handbook. 13. Complete site surface improvements including curbs, walks, pavement, etc. Seed species and application rate shall be as indicated for the Project location, soil type, and date of installation. 14.Install landscaping and establish permanent soil stabilization. PERMANENT SEEDING (To be used where permanent turf by seeding is indicated on plans or details) 15. Where required, clean, re—grade, and re—establish permanent soil stabilization for detention basins that were used as sediment control structures; where necessary, modify the detention basin riser to convert it to the permanent outlet structure. 1.All preparation, installation, and maintenance shall be in accordance with the landscaping specifications for the Project or, in instances where landscaping specifications do not exist, in accordance with applicable portions of Section 810 of the SCDOT Standard 16.Remove temporary sediment & erosion control measures after the entire area draining to each measure is permanently stabilized and Specifications for Highway Construction (latest edition). approved by the designated authority. 2.In particular the Contractor shall, at a minimum unless otherwise specified as indicated above: 17.Perform as-built surveys of all detention structures and submit to DHEC or MS4 for acceptance. a. Establish a uniform perennial stand of vegetation with a root system that is sufficiently developed to survive dry periods and winter weather and be capable of re—establishment in the spring. 18. Submit a Notice of Termination (NOT) to DHEC. b. Provide minimum density coverage of 70% throughout the seeded area. c. Maintain the stand of vegetation including mowing; fertilizing; weed, disease and insect control; and watering as necessary, until final acceptance by the Engineer 8

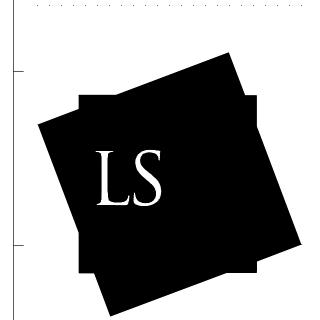
HOBCAW
EDUCATION
CENTER [NERR]:

DAM MAINTENANCE AND EDUCATIONAL WATER CONTROL SYSTEM REPLACEMENT

THE BELLE W. BARUCH FOUNDATION

THE UNIVERSITY OF SOUTH CAROLINA





LS3P ASSOCIATES LT[
701-A LADY STREET, COLUMBIA SC 29201
TEL. 803.765.2418 FAX 803.251.4769
WWW.LS3P.COM

Seamon Mhiteside
+ ASSOCIATES
Land Planning Landscape Architecture Civil Engineering Urban Design
Mount Pleasant, SC 29464-7849
843.884.1667 (f) 843.884.6944

Seamon Mount Pleasant, SC 2944
864.298.0534 (f) 864.298.8018

MEMBERS OF THE AMERICAN INSTITUTE OF ARCHITECTS

COPYRIGHT 2012ALL RIGHTS RESERVED

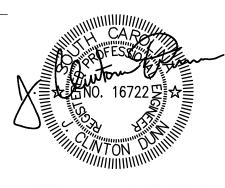
PRINTED OR ELECTRONIC DRAWINGS AND

DOCUMENTATION MAY NOT BE REPRODUCED

IN ANY FORM WITHOUT WRITTEN PERMISSION

FROM LS3P ASSOCIATES LTD.

REVISIONS:



PROJECT: 244
DATE: DE
DRAWN BY:
CHECKED BY:

SHEET 4 OF 6
SWPP NOTES

& DETAILS

SOLUTIONS THROUGH LISTENING

NOTES: THE WATER LEVEL IN THE EXISTING POND IS TO BE MAINTAINED DURING CONSTRUCTION TO PRESERVE THE EXISTING FISH AND WILDLIFE IN THE POND. AS SUCH, THE CONTRACTOR IS TO PROVIDE THE FOLLOWING, AS REQUIRED, TO ENABLE THE EXECUTION OF THE SCOPE OF WORK AND MAINTAIN THE EXISTING WATER LEVEL FOR THE DURATION OF CONSTRUCTION: 1. TEMPORARY BULKHEAD AND/OR COFFERDAM AND/OR PORTABLE COFFERDAM. A. PREPARE AND PROVIDE SHOP DRAWINGS FOR REVIEW PRIOR TO CONSTRUCTION/INSTALLATION. 2. INTERIM MEANS FOR STORM WATER RUN-OFF TO THE EXISTING SPILLWAY. **Pre-Approved Rice Trunk Fabricators:** Keary Mull 843-344-3119 550 Wildwood Ave. Georgetown, SC 29440 Bryan Reece 843-545-9594 1 Yawkey Way South Georgetown, SC 29440 APPROX. 115 LF OF EXISTING-DAM TO BE REPAIRED/IMPROVED PER CROSS SECTION SHEET 6 Bill Mace 250 Santee Gun Club Rd. McClellanville, SC 29458 843-546-9797 Pre-Approved Rice Trunk Installers: Thomas Bone Construction 264-5907 542 Old Cemetery Road Andrews, SC 29520 (SEE DETAIL) LIMITS OF TIMBER BULKHEAD.
TOP VARIES PER SPOT GRADES.
BOTTOM OF EXPOSED WALL
VARIES BASED ON EXISTING
ELEVATIONS. Ricky Jayroe Wetlands Improvement 843-833-0435 William Neely 237-8602 or 237-9007 LEGEND - WETLAND \
DELINEATION
(TYP.) EXISTING TOPOGRAPHIC LINE TREE TO REMAIN GRAPHIC SCALE: 1" = 10'

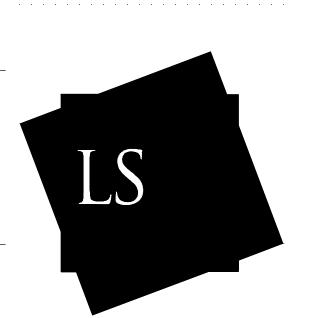
HOBCAW EDUCATION CENTER [NERR]:

DAM MAINTENANCE AND EDUCATIONAL WATER CONTROL SYSTEM REPLACEMENT

THE BELLE W. BARUCH FOUNDATION

THE UNIVERSITY OF SOUTH CAROLINA





LS3P ASSOCIATES LTD.
701-A LADY STREET, COLUMBIA SC 29201
TEL. 803.765.2418 FAX 803.251.4769
WWW.LS3P.COM

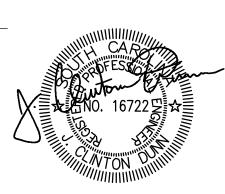
Side	Urban Design	607 Pendleton Street, Suite 100 Greenville, SC 29601-3319 864.298.0534 (f) 864.298.8018
SeamonWhiteside + ASSOCIATES	Civil Engineering	607 Pendleton Greenville 864.298.0534
Vuor	(2)	
Sean	Landscape Architecture	501 Wando Park Blvd., Suite 200 Mount Pleasant, SC 29464-7849 843.884.1667 (f) 843.884.6944
	Land Planning	501 Wando Park Mount Pleasant 843.884.1667(

MEMBERS OF THE AMERICAN INSTITUTE OF ARCHITECTS

COPYRIGHT 2012ALL RIGHTS RESERVED PRINTED OR ELECTRONIC DRAWINGS AND DOCUMENTATION MAY NOT BE REPRODUCED IN ANY FORM WITHOUT WRITTEN PERMISSION

FROM LS3P ASSOCIATES LTD.

REVISIONS:



PROJECT:
DATE:
DRAWN BY:

DRAWN BY: CHECKED BY:

SHEET 5 OF 6

SITE PLAN

SOLUTIONS THROUGH LISTENING

- APPROX. WATER SURFACE = 6.23'DAM = 8.5'EARTHEN DAM EXISTING POND 24" BRDIGE LAYER - PROPOSED FILL APPROX. LESS THAN 0.05 AC. ELEV. = 3.0L non-woven geotextile FABRIC AT MUDLINE NOTE: ALL DAM RECONSTRUCTION WORK TO BE PERFORMED IN ACCORDANCE WITH "THE FINAL GEOTECHNICAL INVESTIGATION & EARTHWORK RECOMMENDATIONS KIMBEL POND DAM REPAIRS" DATED MARCH 20, 2012 BY THE TOLLESON LIMITED COMPANY. DAM CROSS SECTION (NOT TO SCALE) TIE-RODS @ 6'-FLASHBOARD — TO 8' O.C. (TYP.) _ TIMBER SHEETING _____ BULKHEAD BOTH SIDES,\ — FLAPGATE EACH WAY TOP OF WALL = 8.5' - APPROX. WATER GENERAL BOX DIMENSIONS — SURFACE = 6.23' 2' x 5' x 28' EXISTING POND WETLAND - PERENNIAL THE TENTH OF THE THE TENTH OF THE TEN NON-WOVEN GEOTEXTILE FABRIC AT MUDLINE - PROVIDE APPROX. 50 LF TIMBER SHEETING, TIP ELEVATION (MIN.); 4' EMBEDMENT BELOW ORIGINAL MUDLINE. -WETLAND BOUNDARY -NOTE: 1. CONSTRUCTION MATERIALS: TREATED LUMBER — CCA OR CREOSOTE HARDWARE, STAINLESS STEEL & GALVANIZED 2. CONTRACTOR TO SUBMIT DETAILED SHOP DRAWINGS WITH DESIGN (DIMENSIONS & MATERIALS) FOR APPROVAL PRIOR TO CONSTRUCTION. 2 RICE TRUNK CROSS SECTION (NOT TO SCALE) X NOTE: 1. CONSTRUCTION MATERIALS: TREATED LUMBER — CCA OR CREOSOTE HARDWARE, STAINLESS STEEL & GALVANIZED 2. CONTRACTOR TO SUBMIT DETAILED SHOP DRAWINGS WITH DESIGN (DIMENSIONS & MATERIALS) FOR APPROVAL PRIOR TO CONSTRUCTION. CROSS PIECE DOOR BOARDS 3" x 10" x 6' 3 FLAPGATE (FRONT VIEW)
(NOT TO SCALE)

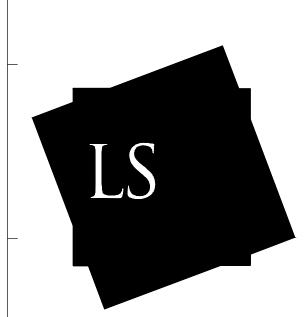
HOBCAW EDUCATION CENTER [NERR]:

DAM MAINTENANCE AND EDUCATIONAL WATER CONTROL SYSTEM REPLACEMENT

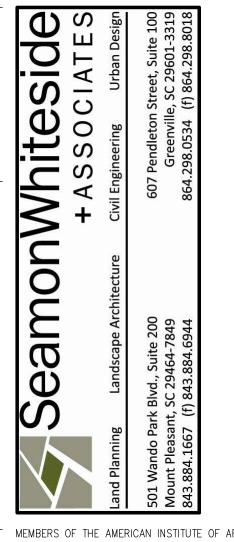
THE BELLE W. BARUCH FOUNDATION

THE UNIVERSITY OF SOUTH CAROLINA





LS3P ASSOCIATES LTD.
701-A LADY STREET, COLUMBIA SC 29201
TEL. 803.765.2418 FAX 803.251.4769
WWW.LS3P.COM



MEMBERS OF THE AMERICAN INSTITUTE OF ARCHITECTS

COPYRIGHT 2012 ALL RIGHTS RESERVED

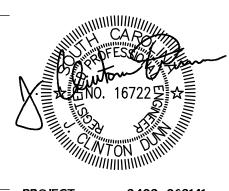
PRINTED OR ELECTRONIC DRAWINGS AND

DOCUMENTATION MAY NOT BE REPRODUCED

IN ANY FORM WITHOUT WRITTEN PERMISSION

FROM LS3P ASSOCIATES LTD.

REVISIONS:



PROJECT: 2402-062141

DATE: DECEMBER 3, 2012

DRAWN BY: CHECKED BY:

SHEET 6 OF 6

SITE DETAILS

SOLUTIONS THROUGH LISTENING