



Leon County

Board of County Commissioners

301 South Monroe Street, Tallahassee, Florida 32301
(850) 606-5302 www.leoncountyfl.gov

Purchasing Division
1800-3 Blair Stone Road
(corner of Miccosukee and Blair Stone Roads)
Tallahassee, Florida 32308
(850) 606-1600

Commissioners

BILL PROCTOR
District 1

JANE G. SAULS
District 2

JOHN DAILEY
District 3

BRYAN DESLOGE
District 4

KRISTIN DOZIER
District 5

NICK MADDOX
At-Large

AKIN AKINYEMI
At-Large

VINCENT S. LONG
County Administrator

HERBERT W.A. THIELE
County Attorney

October 7, 2011

RE: Bid Title: Leon County Sustainable Demonstration Center - Geothermal Loop
HVAC System; Bid No. BC-10-11-11-07
Opening Date: Tuesday, October 11, 2011 at 3:30

ADDENDUM #2

Dear Vendor:

This letter serves as Addendum #2 for the above referenced project.

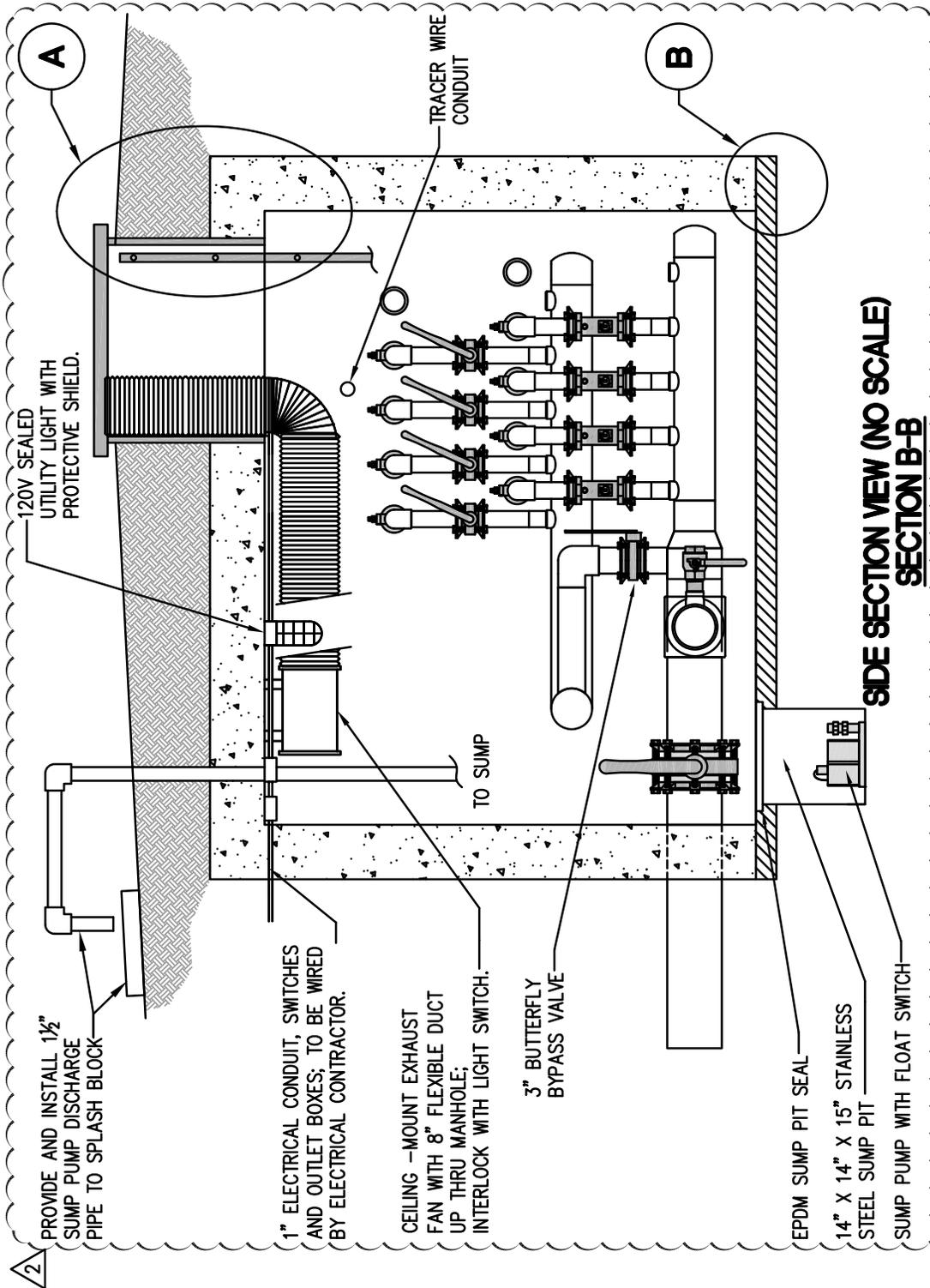
Please see the attached Addendum 2 (3 pages) from H2 Engineering, Inc.

Acknowledgment of this addendum is required as part of your bid submittal. Failure to acknowledge this addendum may result in rejection of your bid.

Should you have any questions, feel free to call me at (850) 606-1600.

Sincerely,

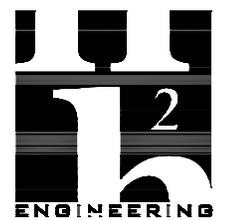
Keith M. Roberts
Purchasing Director



**SIDE SECTION VIEW (NO SCALE)
SECTION B-B**

2 BASIS OF DESIGN: GEOVAULT BY G-P SYSTEMS, INC. OTHER DESIGN OPTIONS WILL BE CONSIDERED BY ENGINEER

H 8 CIRCUIT GEOTHERMAL PIPE HEADER VAULT (REFERENCE SPECIFICATIONS ON SHEET M0.1)



114 EAST 5th AVENUE TALLAHASSEE, FL
32303 PHONE 904.224.7922
www.H2Eengineering.com
H2E PROJECT No. 1105
THIS DOCUMENT IS THE PROPERTY OF H2Eengineering AND IS PREPARED AS AN INSTRUMENT OF SERVICE. ITS USE, REUSE OR REPRODUCTION, EXCEPT BY WRITTEN AGREEMENT WITH H2Eengineering, IS PROHIBITED.
Florida Certificate of Authorization #2485
Ryan L. Chewning, P.E. #63103

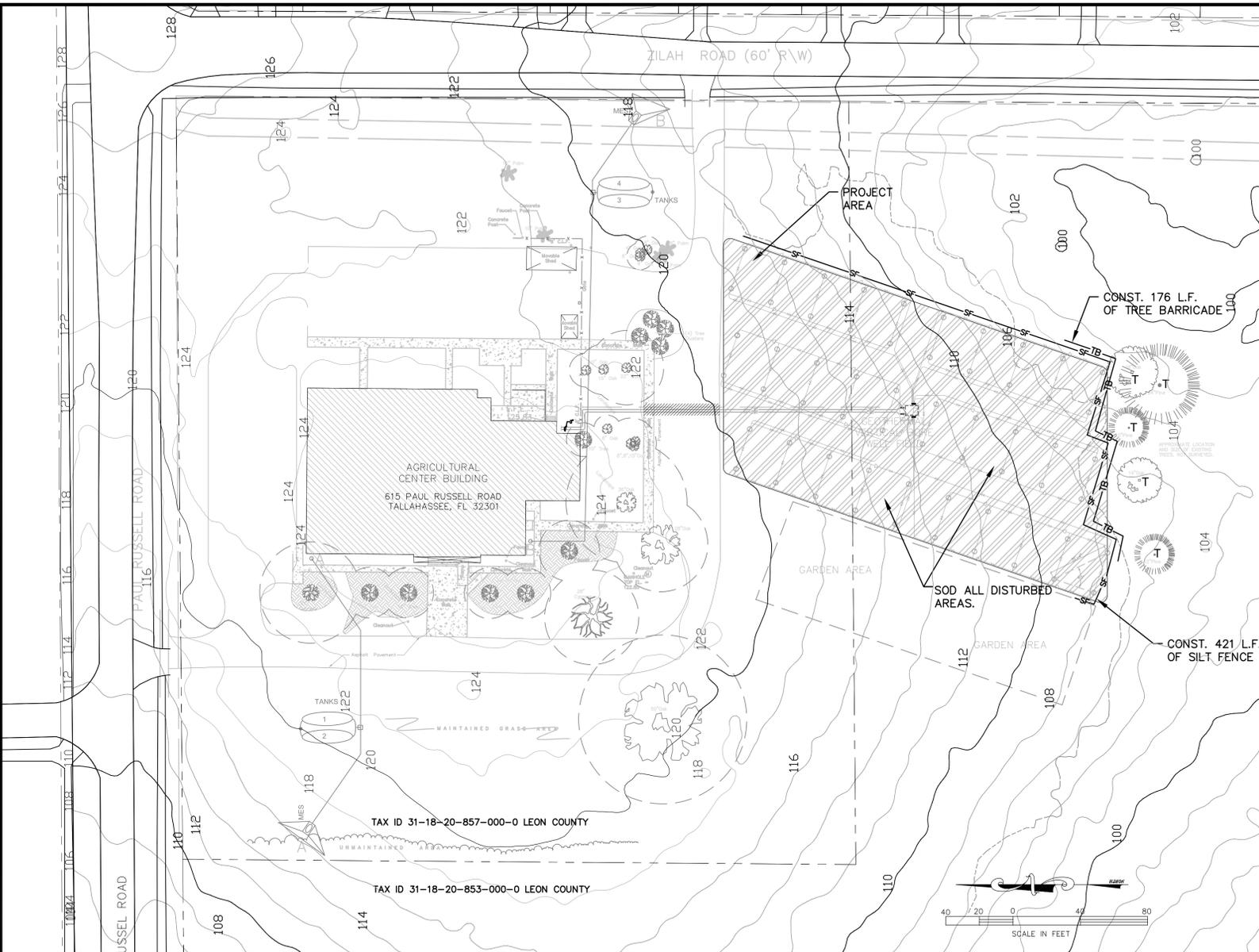


10522 Drawn By: REM
Project Code Checked By: RLC

12 Sept. 2011
Date
100% Construction Documents
Bid Package # 2

Revisions
▲ 10/4/2011 Addendum #1
▲ 10/6/2011 Addendum #2
▲
▲

Leon County - Sustainable Demonstration Center
Tallahassee Florida



STORMWATER POLLUTION PREVENTION PLAN

SITE DESCRIPTION:
 PROJECT NAME: LEON COUNTY SUSTAINABLE DEMONSTRATION CENTER
 LOCATION: 615 PAUL RUSSELL ROAD, TALLAHASSEE, FLORIDA 32301
 LATITUDE: N 30° 24' 14.78" LONGITUDE: W 84° 16' 10.18"
PROJECT DESCRIPTION:
 PROJECT ENTAILS THE CONSTRUCTION OF A SUSTAINABLE DEMONSTRATION CENTER
 SITE AREA: 64 AC. DISTURBED SITE AREA: 0.46 AC.
 POST DEVELOPMENT SITE RUNOFF COEFFICIENT: .35
 PREDOMINANT SOIL TYPES: ORANGEBURG FINE SANDY LOAM 5 TO 8 PERCENT SLOPES (34)
 NAME OF RECEIVING WATERS: CAMPBELL POND CLOSED BASIN

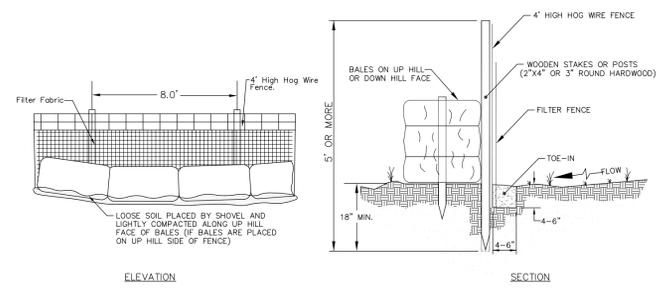
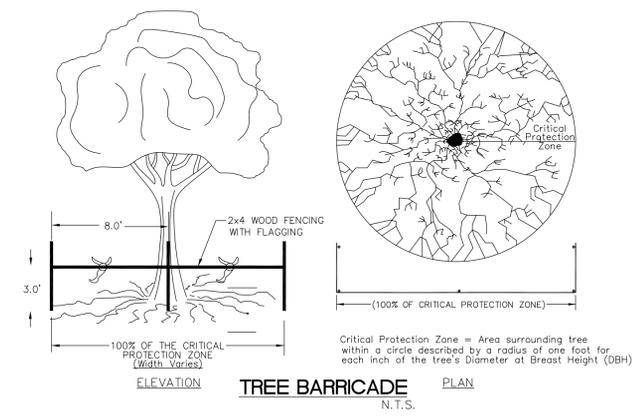
CONSTRUCTION SEQUENCE:
 1. Install sediment controls & tree barricade.
 2. Perform improvements.
 3. Stabilize all disturbed areas with sod, remove silt fence & tree barricade.

CONTROLS:
SEDIMENT AND EROSION CONTROLS:
 Filter Fence – Filter fences shall be placed as shown on the plans. The filter fence shall be installed using 2"x2" hardwood stakes as shown in the sedimentation detail on the plans.
 Staked Hay Bales – Staked hay bales shall be placed at a minimum, as shown on the plans. The hay bales shall be installed as shown in the staked hay barrier detail on the plans.
 Sedimentation Sumps – Sumps shall be constructed and maintained to prevent heavy sediments from discharging from the site.
 Inlet Protection – Staked hay bales shall be placed around all stormwater inlets to protect them from sedimentation.
 Temporary Stabilization – Any disturbed area of the site where construction activity ceases for more than 14 days will be stabilized with temporary seed and mulch no later than 7 days from the last construction activity in that area.
 Permanent Stabilization – Any disturbed portion of the site where construction activity permanently ceases shall be stabilized with permanent seed no later than 7 days after the last construction activity takes place.

STORMWATER MANAGEMENT CONTROLS:
 Stormwater conveyance for the project area is natural sheet flow.
OTHER CONTROLS:
 Sanitary Waste – All sanitary waste during construction will be collected from the portable units by a sanitary waste management contractor. Once the development is complete, the school will be served by existing septic systems.
 Offsite Vehicle Tracking – Gravel construction entrance shall be provided at the entrance to reduce vehicle tracking of sediments off-site.
 Petroleum Products – Contractor shall take appropriate care in the fueling or servicing operations so as to avoid spills, leaks, or otherwise discharge of petroleum or other pollutants to the surface waters on the site.

Non-Stormwater Pollution Controls – Non-stormwater runoff from testing, flushing, tire washing, or similar construction related activities shall be controlled and directed to the Stormwater Management System, or alternatively controlled by means of vegetative buffers, sumps or gravel beds, as may be required.
INSPECTION & MAINTENANCE PLAN:
 1. All controls will be inspected at least once each week and within 24 hours following any rainfall event of 0.25" or greater.
 2. Any repairs will be initiated within 2 days of report.
 3. Silt fences will be inspected periodically to insure that the fabric remains intact and attached securely to the posts.
 4. Built-up sediment will be removed from filter fence and hay bales as needed to maintain quality control.
 5. Seeded and sodded areas shall be inspected for bare spots and wash out areas and maintained until they reach a mature growth pattern.
 6. The contractor shall appoint personnel to be responsible for inspection and maintenance as set forth in this plan. They will be responsible for completing field reports after each inspection.
 7. Contractor must keep on-site a copy of the stormwater construction permits, this SWPPP, records and reports from inspections, with a general log of construction conditions.
 8. Additional sediment and erosion control measures may be required, during any phase of development, at the direction of the City of Tallahassee's Environmental Inspector.
 NOTE: Contractor shall provide copies of this plan to any subcontractor who shall be responsible for any portion of this plan.

NOTES:
 All construction shall be in accordance with F.D.O.T. Standard Specifications for Road and Bridge Construction 2010, F.D.O.T and F.D.O.T. Design Standards (Std. Index) 2010.
 This plan is for environmental controls, layout and design by others.



ENVIRONMENTAL RELATED NOTES:
 1. Filter Fences shall be constructed and maintained to protect adjacent downhill properties. Additional controls may be required if sedimentation controls are found ineffective or in need of maintenance, the City Environmental Inspector may direct installation of additional measures to protect the environment. The Engineer has furnished the contractor with information pertaining to the construction, operation and maintenance of erosion and sedimentation control practices per Florida Administrative Code Chapter 62-25.025(7) as a guide during construction. It remains the Contractor's responsibility to establish the means and methods necessary to implement the stormwater pollution prevention plan.
 2. Sod all disturbed areas not paved.
 3. All areas sodded shall be fertilized per F.D.O.T. Spec. 570-4.4.
 4. All disturbed areas sodded shall include 4" of dressed finished layer top soil.
 5. Contractor shall ensure that a foreman or supervisor who has been certified under Florida Stormwater, Erosion, and Sedimentation Control Inspector Training Program is available in person or by telephone at all times during construction activity.
 6. Additional easements may exist.
 7. The erosion and sediment controls shown on the plan are the minimum required. Additional measures may be required by the Environmental Inspector to control sediments.
 8. Stockpiling for over 14 days shall not be allowed.
 9. Street sweeping in the event of tracking shall be required.

LEGEND

— SF — SF —	REPRESENTS HEAVY DUTY SEDIMENT CONTROL FENCE
— TB — TB —	REPRESENTS TREE BARRICADE
T	REPRESENTS TECHNICAL TREE REMOVAL

FILE NUMBER:	11-979
WORK ORDER:	979
DATE:	10/04/11
SCALE:	SHOWN
FILE NAME:	979-C1
DESIGNED BY:	CML
DRAWN BY:	TJM

EXTERNAL REF:	MV100-SITE
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REVISIONS:	DATE:
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CLIFFORD LAMB & ASSOCIATES
 201 PINEWOOD DRIVE TALLAHASSEE, FLORIDA 32303
 CLIFFORD M. LAMB, P.E. TELEPHONE (850) 385-2800
 FACSIMILE (850) 385-0483
 FL. REG. NO. 46644
 CERTIFICATE OF AUTHORIZATION NO. 8876



LEON COUNTY AGRICULTURAL BUILDING
 LEON COUNTY

ENVIRONMENTAL CONTROLS & STABILIZATION PLAN

SEAL (NOT VALID UNLESS SIGNED AND EMBOSSED)
 CLIFFORD M. LAMB P.E.
 FL. REG. NO. 46644

SHEET NO.:
 1 OF 1
 FILE NAME: 11-979-979
 PLOT DATE: 10/06/11