



**Stantec**

April 21, 2011

Don Murphy  
Land Use Regulation Commission  
18 Elkins Lane, Harlow Building  
22 State House Station  
Augusta, ME 04333-0022

**Subject: Bull Hill Wind Project: DP 4886: Application Amendment: Vernal Pool Redesign**

Dear Don:

During the course of reviewing application materials in preparation for hearing, we discovered an error in the data used to designate Significant Vernal Pool buffers on the natural resource maps and the civil design plans. This amendment supplements the Bull Hill Application with the correct information and a redesign of the access road.

Directing your attention to civil design plan C-103 and natural resource map Figure 3, there is a wetland on the edge of the delineation area, designated as A063 on Figure 3. This wetland was delineated in August 2010. In addition to being a wetland, it was also determined, based on topography and seasonal indicators, to be a potential vernal pool (PVP). It could not be confirmed as a vernal pool due to the time of year it was evaluated.

For regulatory purposes, IFW considers PVP's as Significant Vernal Pools unless and until a survey in seasonally appropriate conditions determines otherwise. Although this location was included as a wetland in our natural resource data inventory, it was not included as PVP. As a result, a 250-foot Significant Vernal Pool buffer was not applied to this PVP in the electronic data used to prepare the civil design maps in Exhibit 1A (Sheet C-103), or natural resource maps in Exhibit 12A (Figure 3, wetland A063).

Upon realizing the error, we determined that the current project design impacts 14.4 percent of the PVP buffer. Although less than the regulatory impact standard of 25 percent, we also determined that the project could be redesigned with a short road realignment. The project has been redesigned to completely eliminate any impact to the PVP buffer by moving the road further from the PVP.

Enclosed with this letter are the following documents that show the PVP, buffer and the road redesign:

- revised sheets C-102, C-103 and C-602 of the civil design plans; and
- a revised Figure 3 of the natural resource maps.

Please give me a call if you have any questions.

Sincerely,  
**STANTEC CONSULTING**

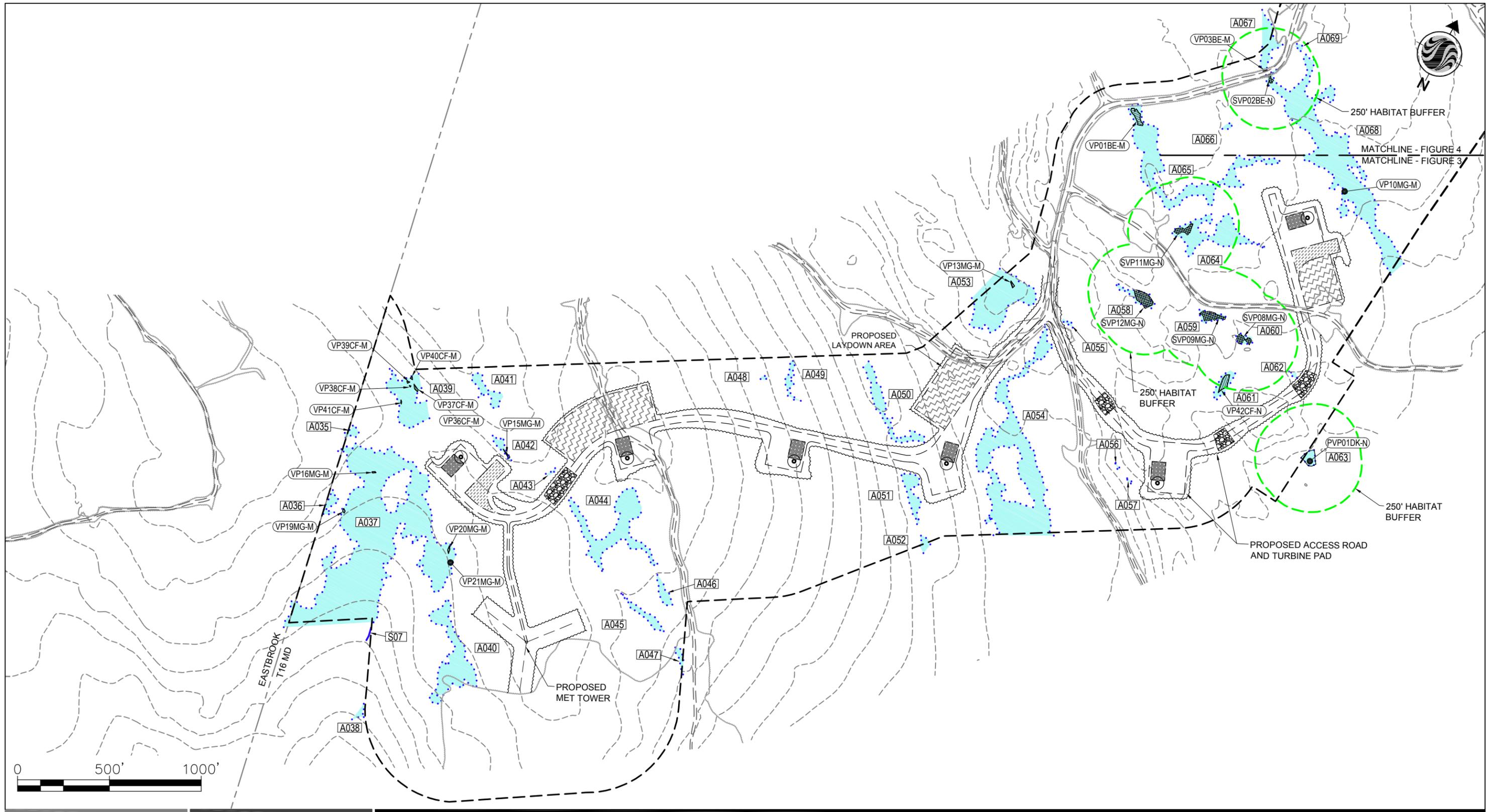


Brooke E. Barnes  
Project Manager

CC Dylan Voorhees, NRCM (w/enc)  
Lynne Williams, CCHC (w/enc)  
Cynthia DePrenger, HCC (w/enc)  
David Fowler, First Wind (w/enc)



**Stantec**



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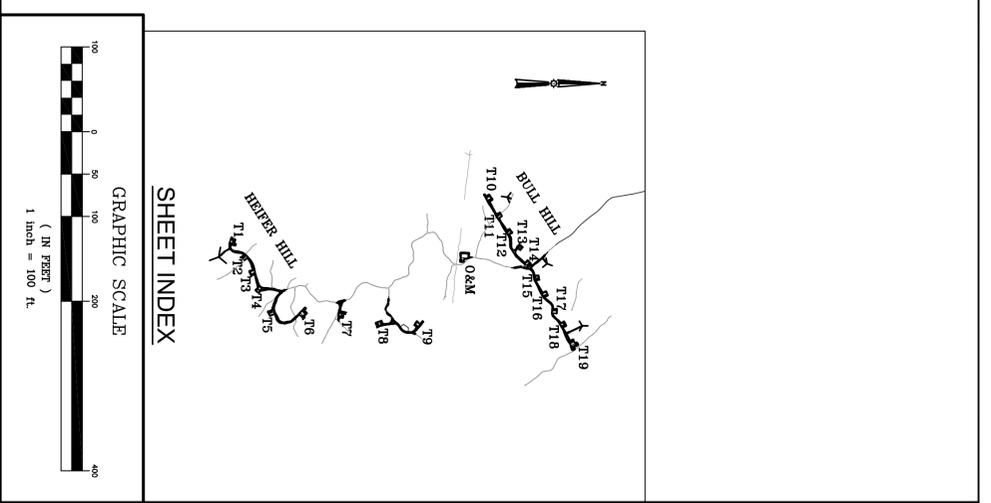
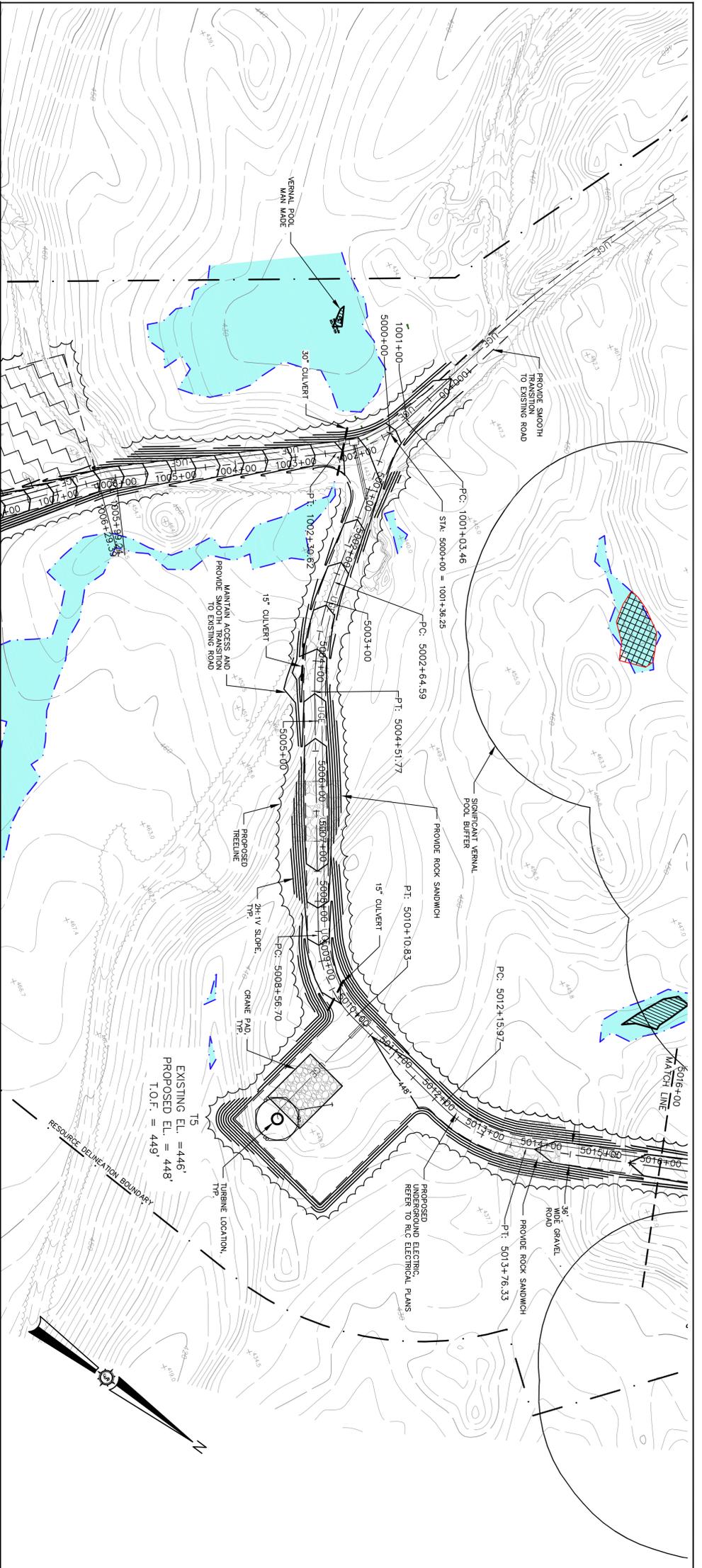
Legend	
	Stream identified by Stantec
	Project/Delineation limits
	Wetland identified by Stantec
	Vernal pool identified by Stantec
	Significant vernal pool identified by Stantec
	Resource identification
	Natural vernal pool identification
	Man-made vernal pool identification
	Significant vernal pool identification
	Potential vernal pool identification

**Notes**

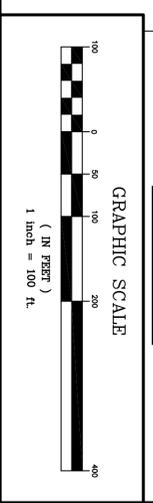
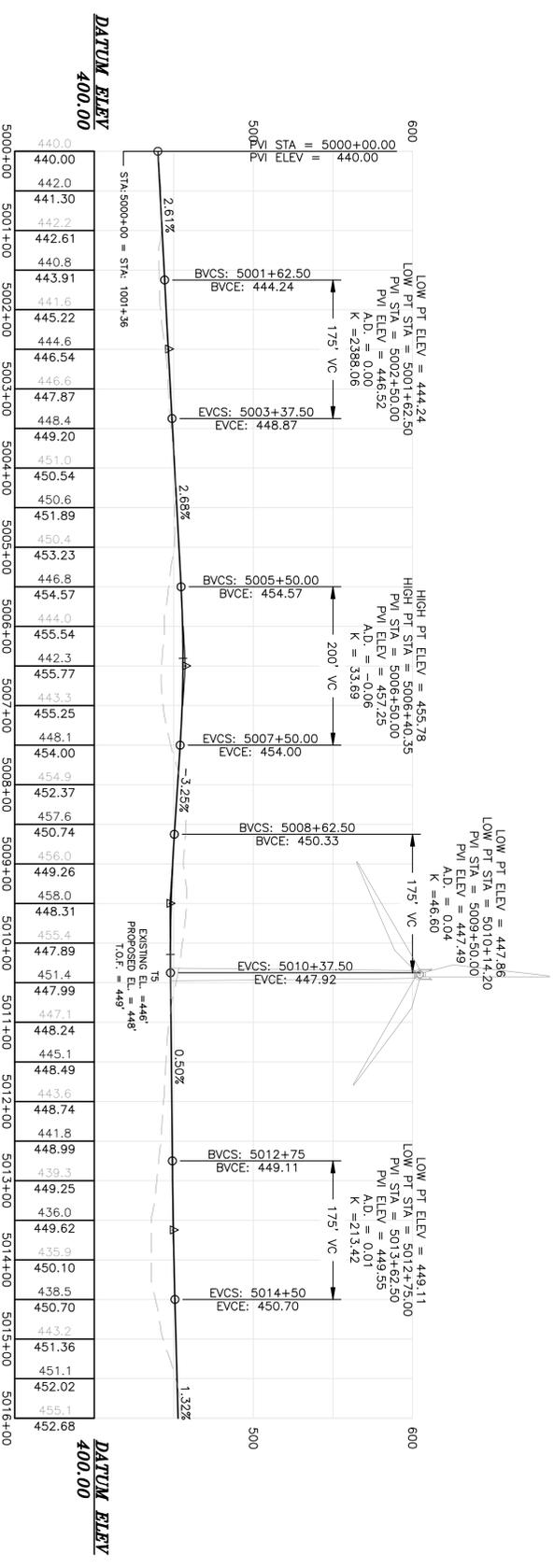
1. Wetland boundaries delineated in accordance with USACE 1987 Wetland Delineation Manual or subsequent versions. Vernal pools surveyed in accordance with Maine Association of Wetland Scientists 2010 Interim Vernal Pool Survey Protocol, April 2010.
2. Wetland and vernal pool boundaries were located utilizing a Trimble PRO Series Receiver. Expected accuracy of GPS data is within 1 to 2 meters of actual position.
3. Basemap features comprised of photogrammetry obtained from James W. Sewell Company.
4. Civil Design provided by James W. Sewell Company dated 11/15/2010.

Client/Project  
**Blue Sky East Wind, LLC**  
 Bull Hill  
 Eastbrook and T16MD, Maine  
 Figure No.  
**3**  
 Title  
**Delineated Natural Resource Map**  
 December 2010  
 rev. April 21, 2011

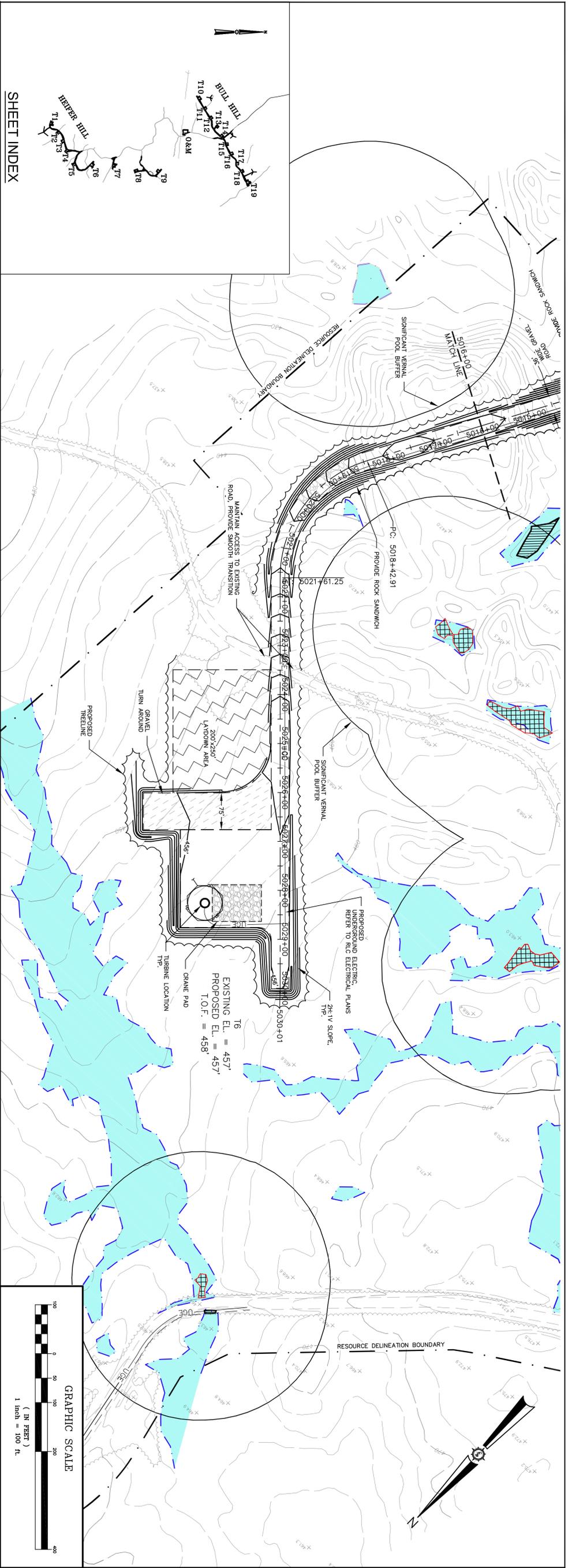
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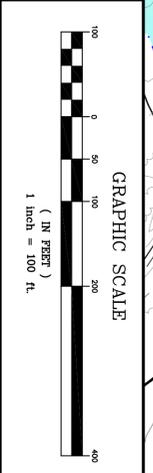
**ALIGNMENT "T5-6" - CRANE PATH**  
(5000+00 TO 5016+00 CRANE PATH)



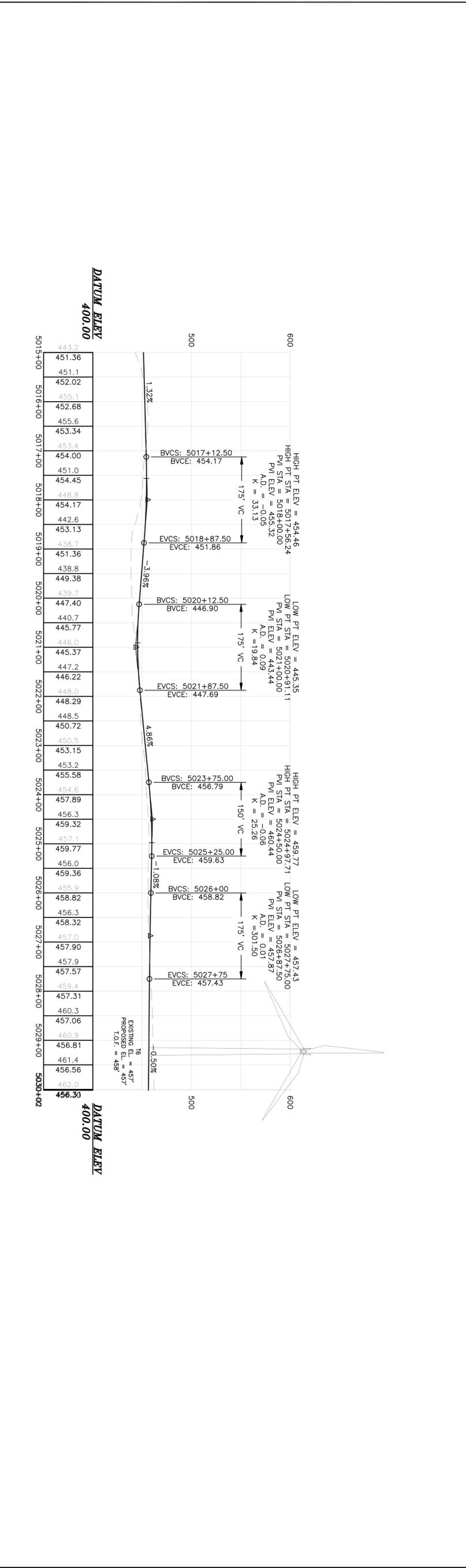
<b>PERMIT</b> C102	Project No. <b>74490E</b> Engineer <b>SEWALL</b> <small>JAMES W. SEWALL COMPANY / Since 1880 SEWALL.COM 800 648 4202</small>		<b>BULL HILL WIND PROJECT</b> Project Location: T16MD Drawing Description: PLAN / PROFILE	Designed By: JMT Date: 11/24/10 Scale: H: 1"=100', V: 1"= 50' Approved: [Signature] Checked: BCH	Drawn By: JLD Date: 11/24/10 Scale: H: 1"=100', V: 1"= 50' Approved: [Signature] Checked: BCH	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Rev. #</th> <th>By</th> <th>Description</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>MT</td> <td>REVISED PER LURC COMMENTS DATED 01/18/11</td> <td>1/25/11</td> </tr> <tr> <td>2</td> <td>JLD</td> <td>REVISED PER AGENCY COMMENTS DATED 04/11/11</td> <td>4/15/11</td> </tr> <tr> <td>3</td> <td>JLD</td> <td>REVISED T5-6 CRANE PATH TO AVOID SVP BUFFER</td> <td>4/21/11</td> </tr> </tbody> </table>	Rev. #	By	Description	Date	1	MT	REVISED PER LURC COMMENTS DATED 01/18/11	1/25/11	2	JLD	REVISED PER AGENCY COMMENTS DATED 04/11/11	4/15/11	3	JLD	REVISED T5-6 CRANE PATH TO AVOID SVP BUFFER	4/21/11
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SHEET INDEX



**ALIGNMENT "T5-6" - CRANE PATH**  
 (5015+00 TO END CRANE PATH)



<b>74490E</b> <b>SEWALL</b> JAMES W. SEWALL COMPANY / Since 1880 SEWALL.COM 800 648 4202	AN INTEGRATED TEAM OF GEOSPATIAL ENGINEERING, SURVEYING AND NATURAL RESOURCE CONSULTANTS	 4-21-2011	<b>BULL HILL WIND PROJECT</b>		Designed By JMT Date 11/24/10 Scale H: 1"=100', V: 1"= 50'	Drawn By JLD	Rev. #   Desig. By   Description   Date 1   JLD   REVISED PER LURC COMMENTS DATED 01/18/11   1/25/11 2   JLD   REVISED PER AGENCY COMMENTS DATED 04/11/11   4/15/11 3   JLD   REVISED T5-6 CRANE PATH TO AVOID SVP BUFFER   4/21/11
			Project Location T16MD	Drawing Description PLAN / PROFILE	Approved -	Checked BCH	Date 1/25/11 4/15/11 4/21/11

Project No. 74490E  
 Engineer  
**SEWALL**  
 JAMES W. SEWALL COMPANY / Since 1880  
 SEWALL.COM  
 800 648 4202

AN INTEGRATED TEAM OF  
 GEOSPATIAL ENGINEERING,  
 SURVEYING AND NATURAL  
 RESOURCE CONSULTANTS

Professional Engineer Seal for John M. Sewall, No. 9887, State of Maine.  
 4-21-2011

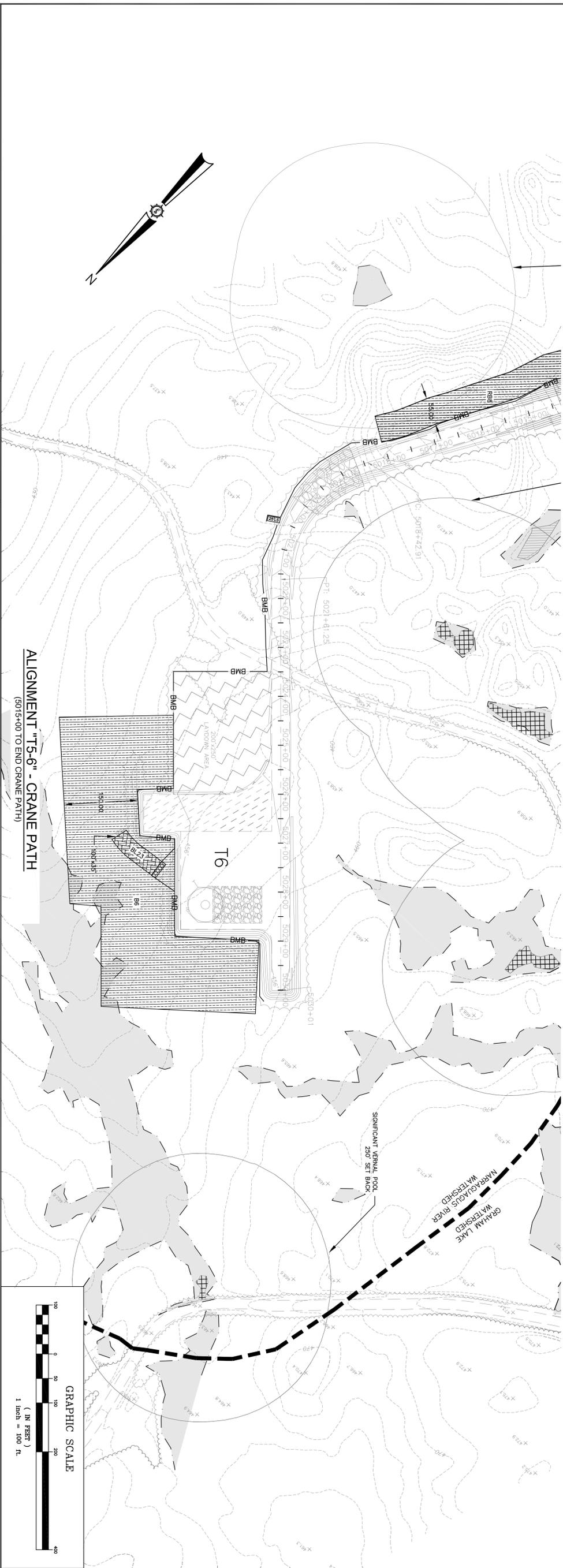
**BULL HILL WIND PROJECT**

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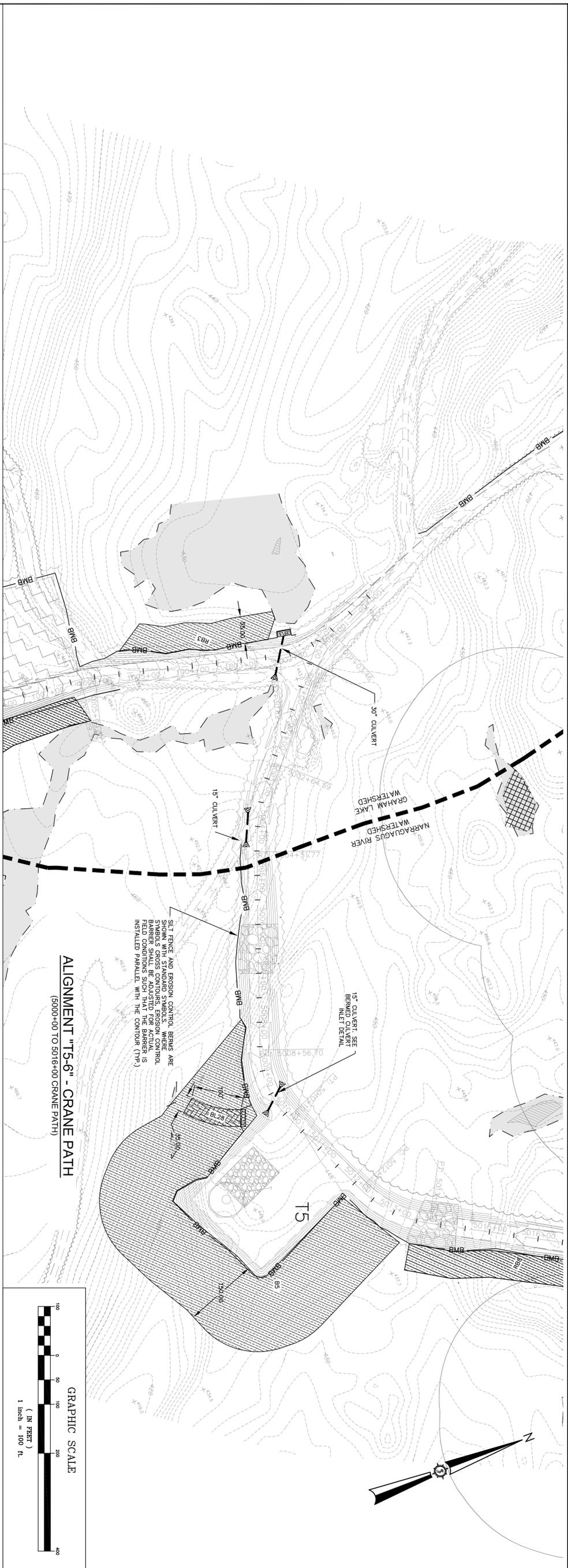
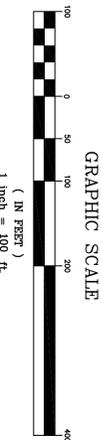
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3	JLD	REVISED T5-6 CRANE PATH TO AVOID SVP BUFFER	4/21/11

Sheet No. **C103**

PERMIT



ALIGNMENT "T5-6" - CRANE PATH  
(5015+00 TO END CRANE PATH)



ALIGNMENT "T5-6" - CRANE PATH  
(5000+00 TO 5016+00 CRANE PATH)



Project No. **74490E**

Engineer **SEWALL**  
JAMES W. SEWALL COMPANY / Since 1880  
SEWALL.COM 800 648 4202

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SURVEYING AND NATURAL  
RESOURCE CONSULTANTS

PERMIT  
**C-602**

**BULL HILL WIND PROJECT**

Project Location  
**T16MD**

Drawing Description  
**T5-6  
EROSION AND SEDIMENT CONTROL PLAN**

Designed By JAO	Drawn By FHM
Date 11/24/2010	Scale 1"=100'
Approved	Checked BCH, JMT

Rev. #	Drawn By	Description	Date
1	MT	REVISED PER LURC COMMENTS DATED 01/18/11	1/25/11
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