

Granite State Landfill, LLC

Granite State Landfill

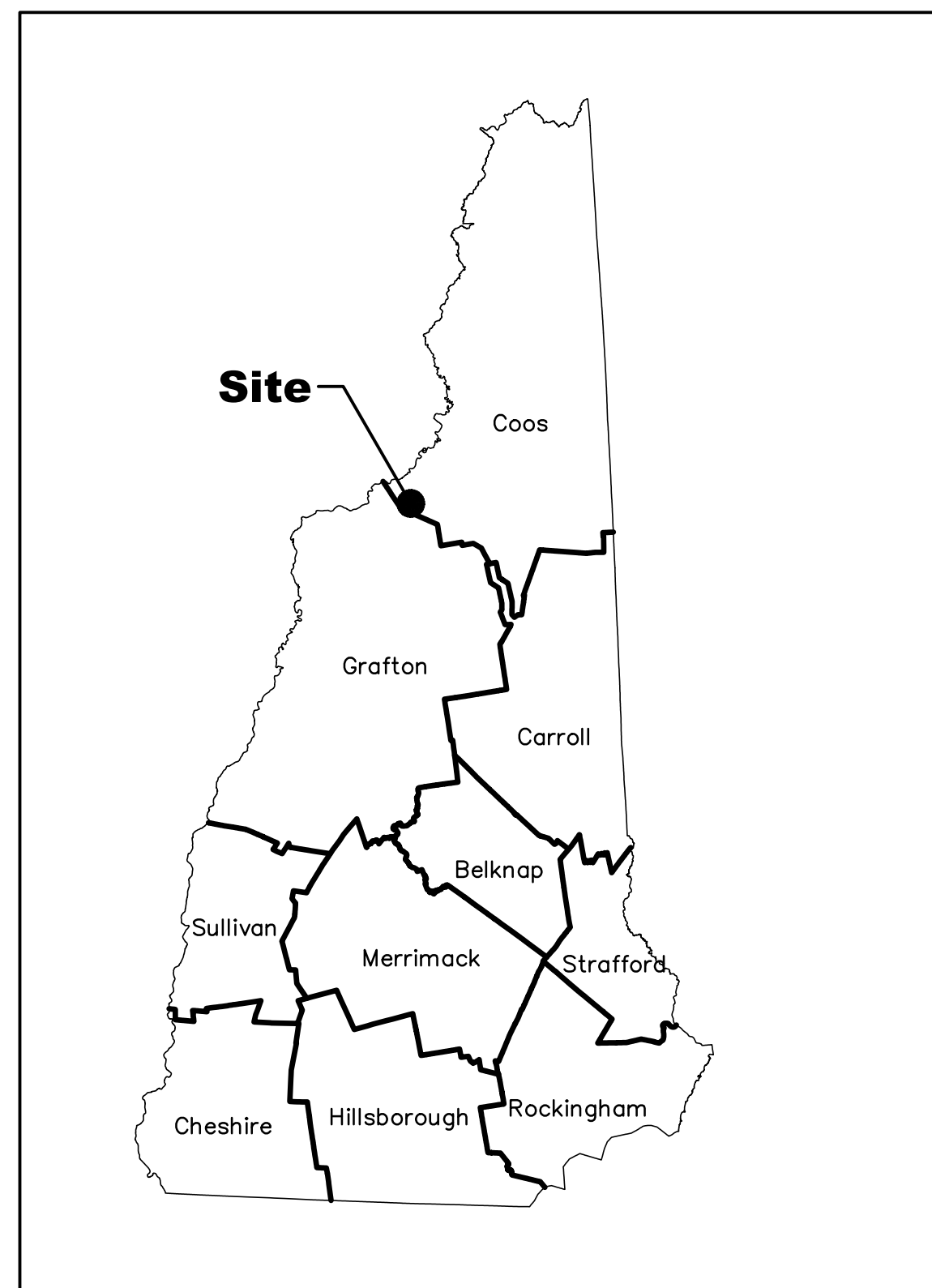
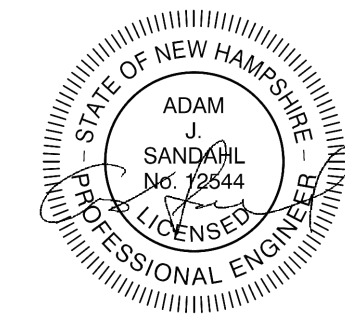
Dalton, New Hampshire

Permitting Plan Set

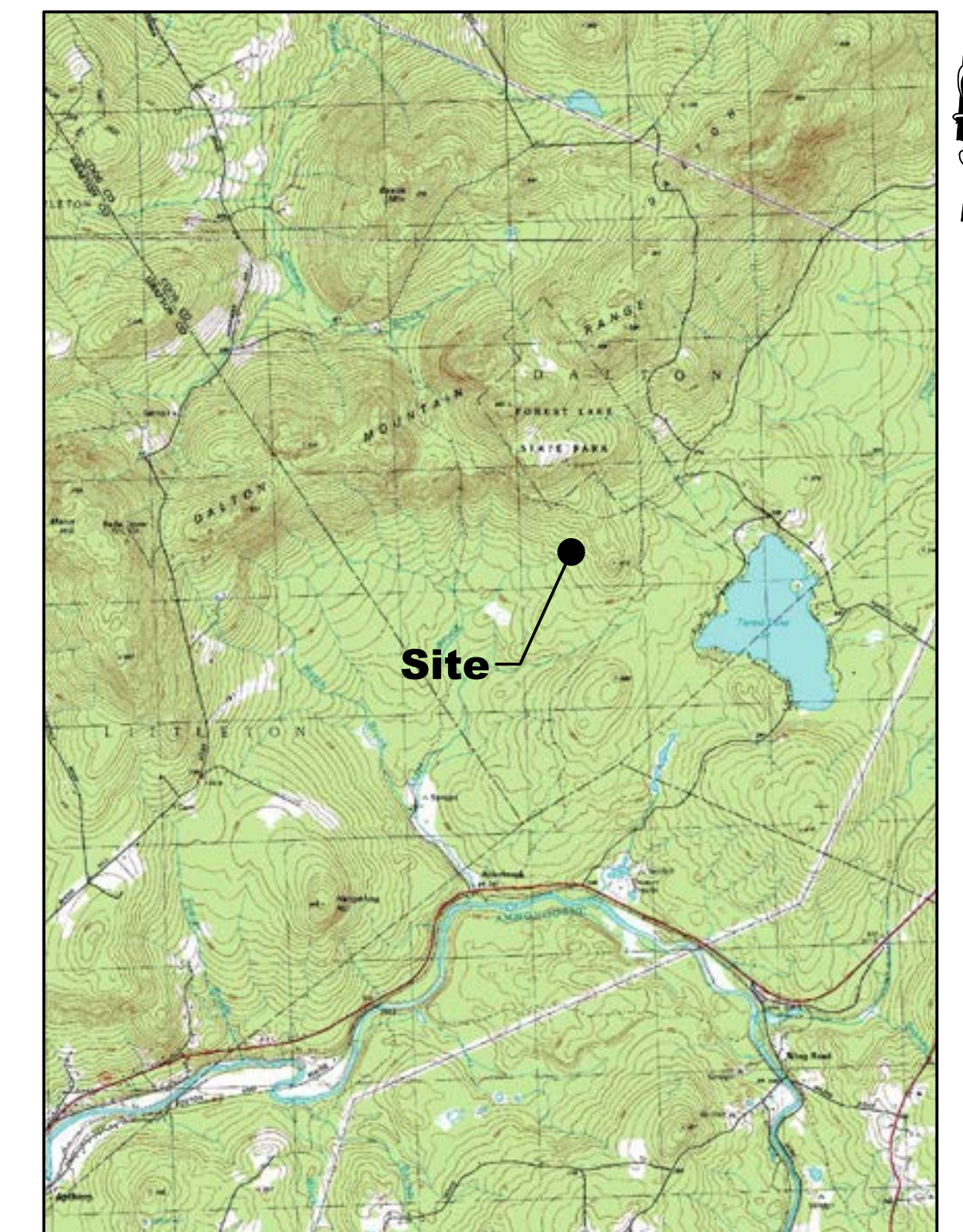
Submitted to NHDES for Review - October 2023

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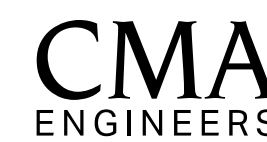
Locus Plan



Project Location

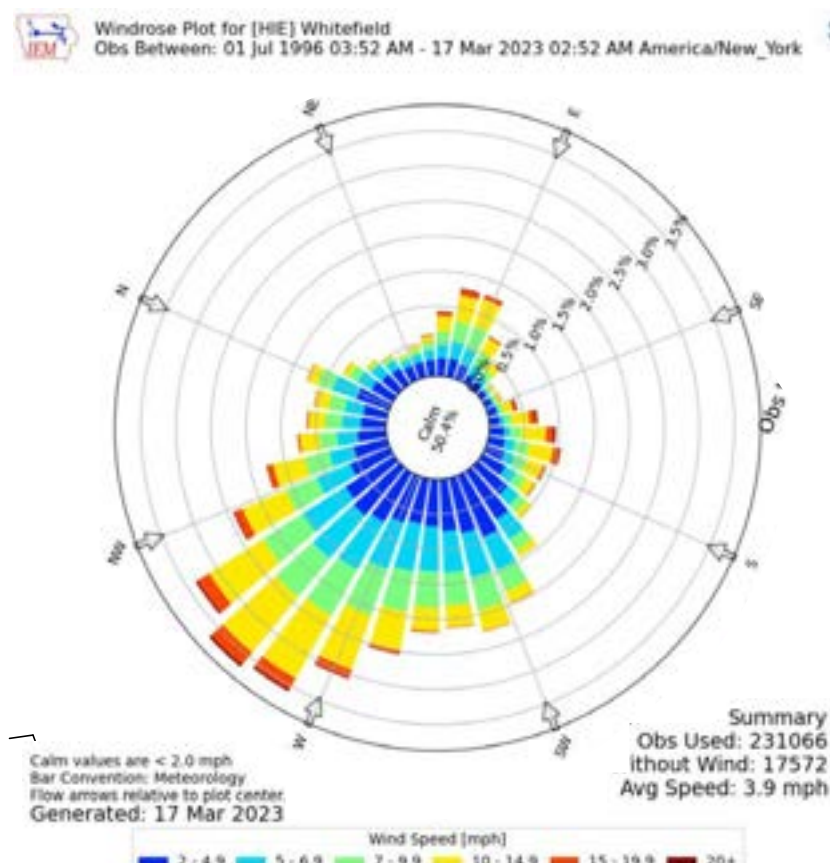
Prepared For:
Granite State Landfill, LLC
 1855 VT Route 100
 Hyde Park, VT 05655

Prepared By:



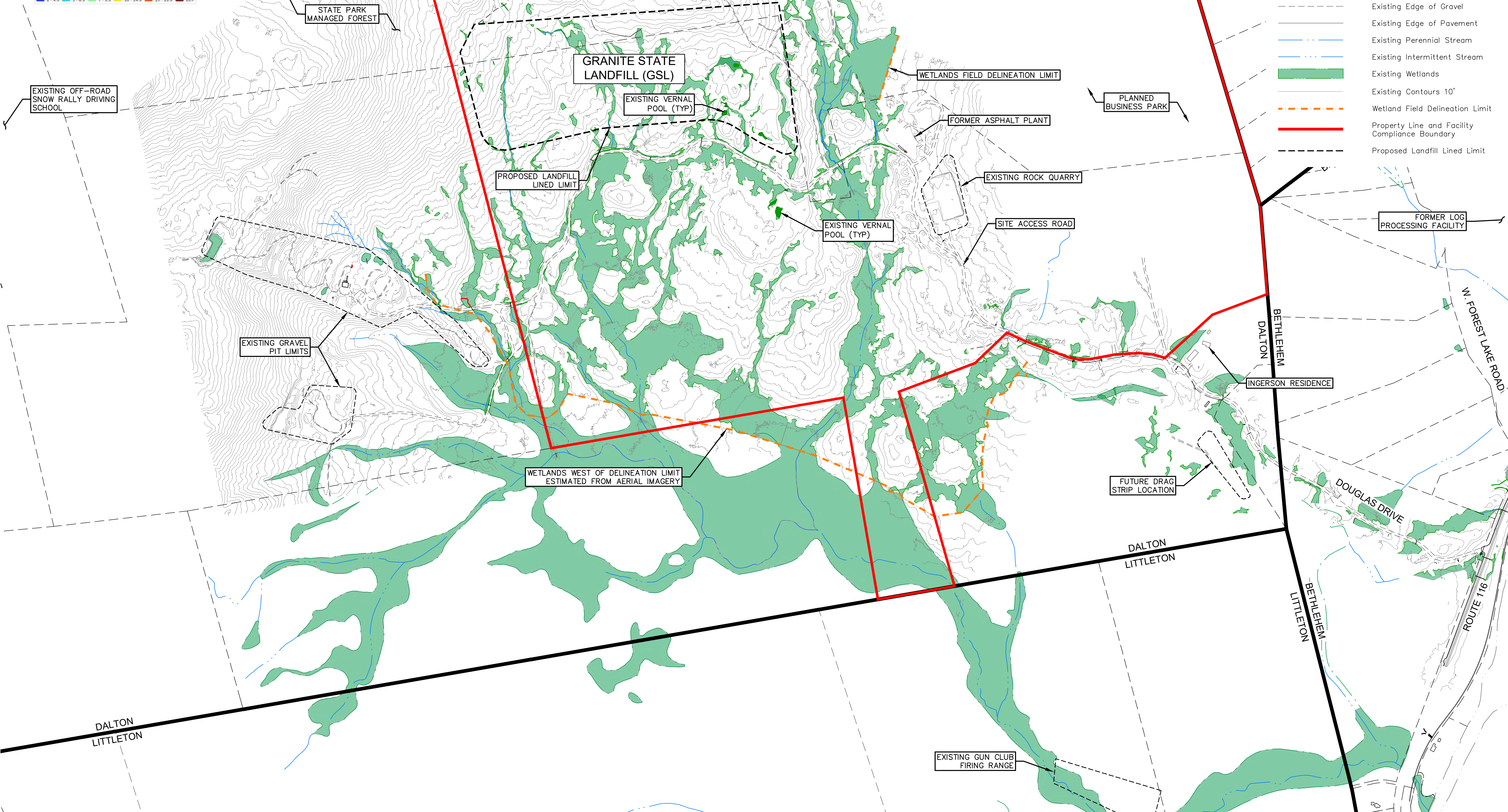
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- Notes:**
- Existing topography was created by Eastern Topographics of Wolfeboro, New Hampshire. The survey was created from Aerial Survey performed on November 15, 2022. Horizontal datum is based on NAD83 NH State Plane coordinates system and the Vertical datum is based on NAVD88.
 - Existing conditions Base Map provided by Horizons Engineering of Littleton, New Hampshire. Existing features composed from site surveys and Aerial Survey.
 - Wetlands delineated by Barry Keith, CWS #87.
 - Applicant will purchase land comprising the property line and Facility Compliance Boundary upon receipt of solid waste permit. Refer to Section IV of application for existing property limits and abutters.

- Legend**
- Existing Property Line
 - Existing Edge of Gravel
 - Existing Edge of Pavement
 - Existing Perennial Stream
 - Existing Intermittent Stream
 - Existing Wetlands
 - Existing Contours 10'
 - Wetland Field Delineation Limit
 - Property Line and Facility Compliance Boundary
 - Proposed Landfill Lined Limit



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<p>Professional Engineer Seal: ADAM SANDOZ, No. 2044, State of New Hampshire</p>	
<p>date: October 2023</p>	<p>designed by: ATR/JM/MSTF/AJS</p>
<p>project no: 1101</p>	<p>drawn by: ATR/JM/MSTF</p>
<p>checked by: AJS</p>	<p>approved by: AJS</p>
<p>scale: 0 450' 900'</p> <p>Scale: 1" = 450'</p>	
<p>Granite State Landfill, LLC Dalton, New Hampshire Permitting Plan Set Existing Conditions Plan</p>	
<p>drawing no. ECP-1</p>	
<p>sheet: 2 of 50</p>	

General Construction Sequence Notes:

1. Prepare Stormwater Pollution Prevention Plan (SWPPP) and establish coverage under EPA's Construction General Permit and implement SWPPP training.
2. Complete DigSafe notifications (811 or 888-DIG-SAFE).
3. Establish horizontal and vertical control.
4. Site mobilization.
5. Install perimeter erosion controls including silt fencing, compost sock or ECM Berm. Erosion controls shall be maintained throughout construction.
6. Construct stormwater infiltration basins, stormwater ponds, forebays, and swales. Clearing to be kept to the minimum area practical. Anytime that greater than 5-acres of soil is exposed, an Environmental Monitor (EM) shall be utilized to monitor the site and complete the required reporting in compliance with Section Env-Wq 1505.03(d) of the Aot Rules.
7. Construct improvements at site entrance and Route 116.
8. Construct improvements to Douglas Drive.
9. Construct internal landfill roads, infrastructure area, Stage I, Cell I lined landfill and berm construction.
10. Installation of leachate and landfill gas conveyance and other utilities.
11. Once Engineer has determined the site to be stabilized in compliance with Aot Rules, remove erosion controls and sediment to a location designated by the Owner.
12. Site demobilization and termination of EPA CGP coverage

EXISTING OFF-ROAD SNOW RALLY DRIVING SCHOOL

PROPOSED SITE ENTRANCE GATE

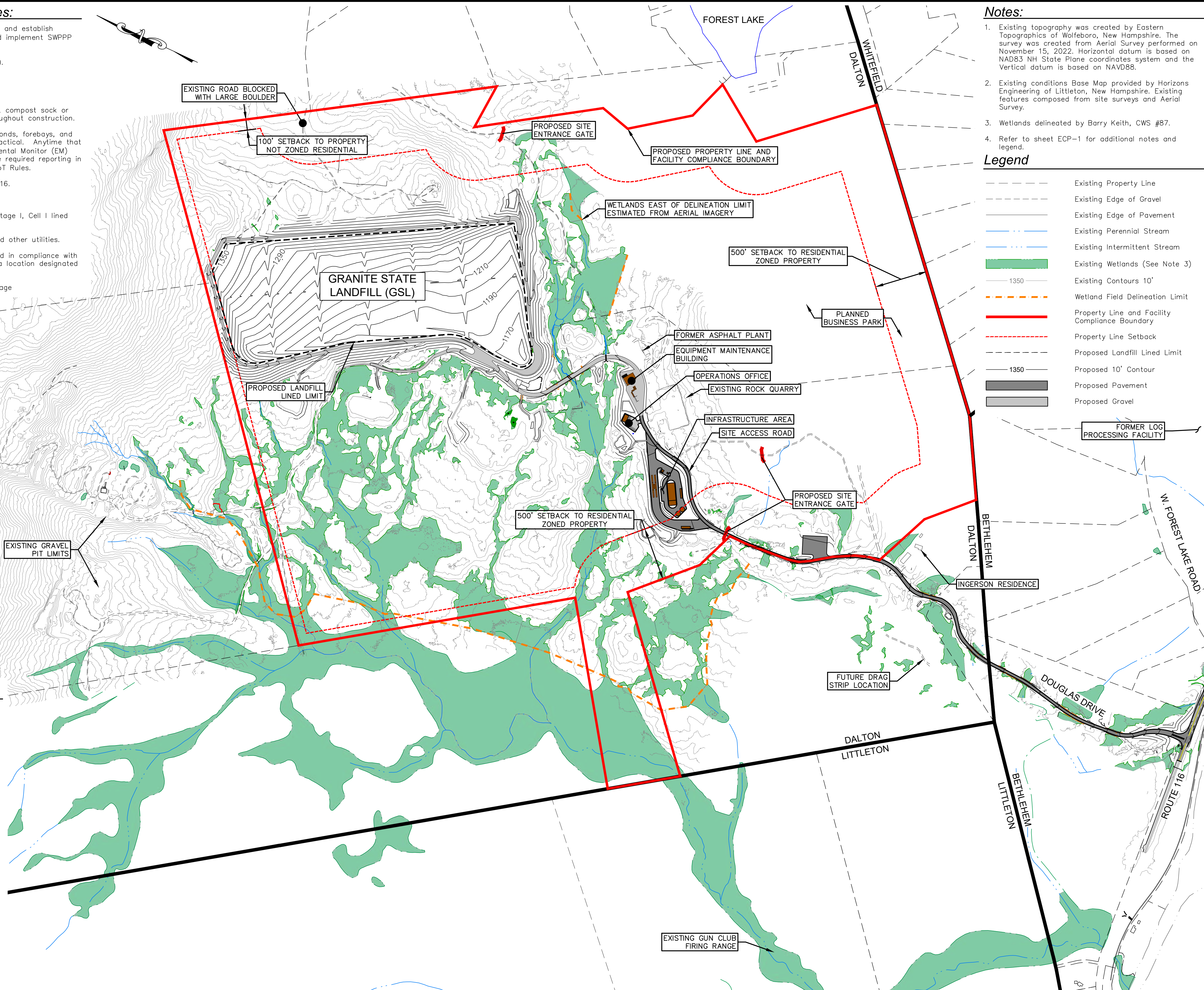
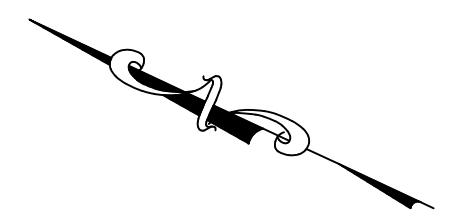
EXISTING GRAVEL PIT LIMITS

Wildlife Protection Notes:

Env-Wq 1504.18 Wildlife Protection Notes.

(a) In addition to the requirements of Env-Wq 1504.06, the plans shall also contain the following wildlife protection notes:

- (1) All observations of threatened or endangered species on the project site shall be reported immediately to the NHF&G nongame and endangered wildlife environmental review program by phone at 603-271-2461 and by email at NHFGreview@wildlife.nh.gov, with the email subject line containing the NHB DataCheck tool results letter assigned number (NHB22-3682), the project name (Granite State Landfill), and the term Wildlife Species Observation;
- (2) Photographs of the observed species and nearby elements of habitat or areas of land disturbance shall be provided to NHF&G in digital format at the above email address for verification, as feasible;
- (3) In the event a threatened or endangered species is observed on the project site during the term of the permit, the species shall not be disturbed, handled, or harmed in any way prior to consultation with NHF&G and implementation of corrective actions recommended by NHF&G, if any, to assure the project does not appreciably jeopardize the continued existence of threatened and endangered species as defined in Fis 1002.04; and
- (4) The NHF&G, including its employees and authorized agents, shall have access to the property during the term of the permit.



Notes:

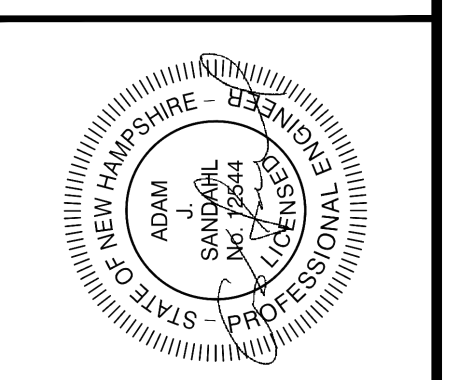
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3. Wetlands delineated by Barry Keith, CWS #87.
4. Refer to sheet ECP-1 for additional notes and legend.

Legend

	Existing Property Line
	Existing Edge of Gravel
	Existing Edge of Pavement
	Existing Perennial Stream
	Existing Intermittent Stream
	Existing Wetlands (See Note 3)
	Existing Contours 10'
	Wetland Field Delineation Limit
	Property Line and Facility Compliance Boundary
	Property Line Setback
	Proposed Landfill Lined Limit
	Proposed 10' Contour
	Proposed Pavement
	Proposed Gravel

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project no.:	1101	drawn by:	ATRN/JMSTF
checked by:	AJS	approved by:	AJS

Scale: 1" = 450'
 0 450' 900'

Granite State Landfill, LLC
 Dalton, New Hampshire
 Permitting Plan Set
 Overall Site Plan









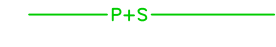
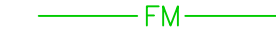
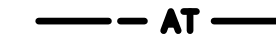
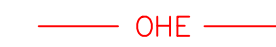

drawing no.
OVSP-1

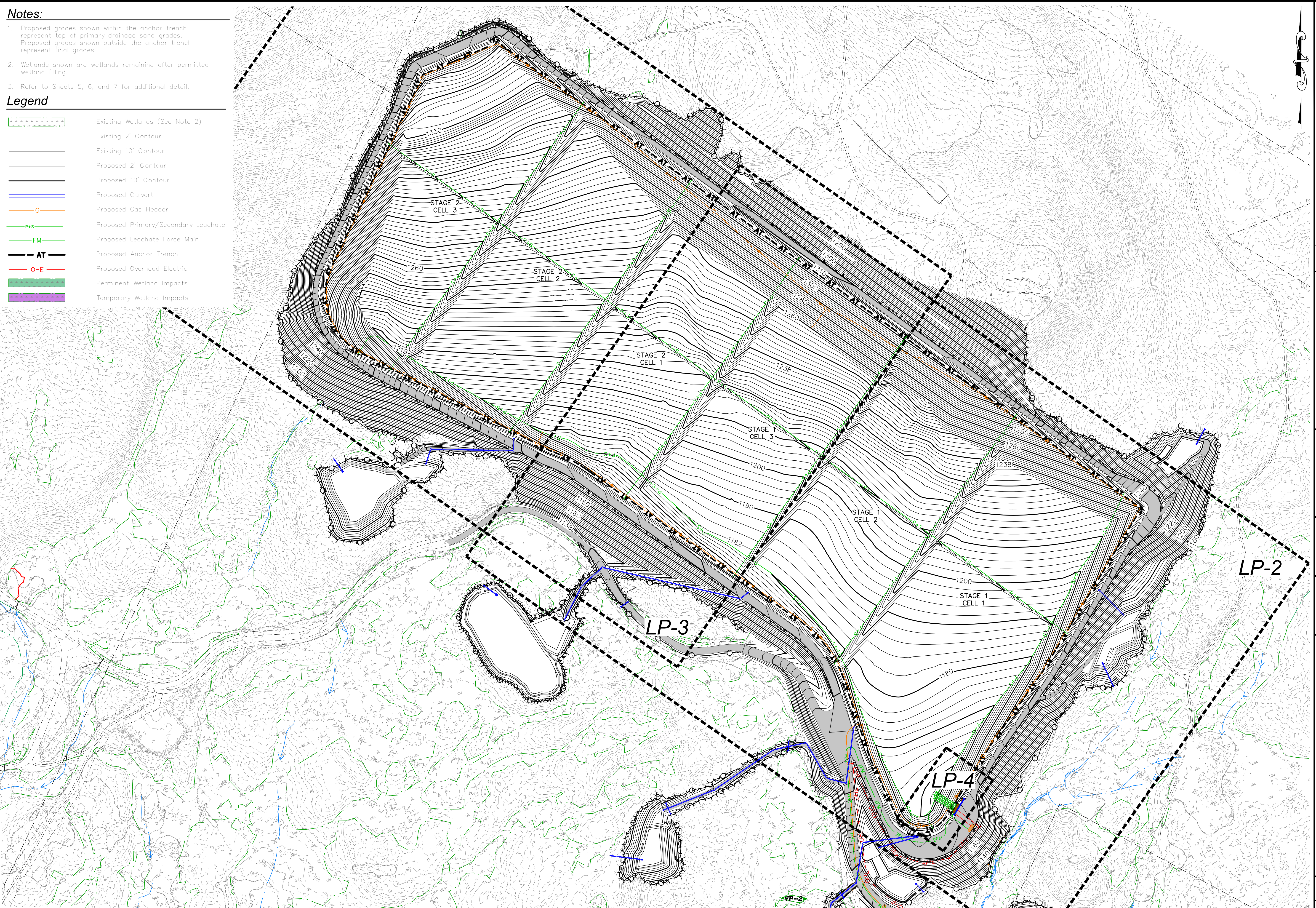
sheet: 3 of 50

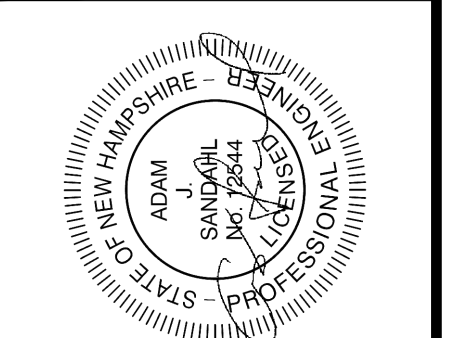
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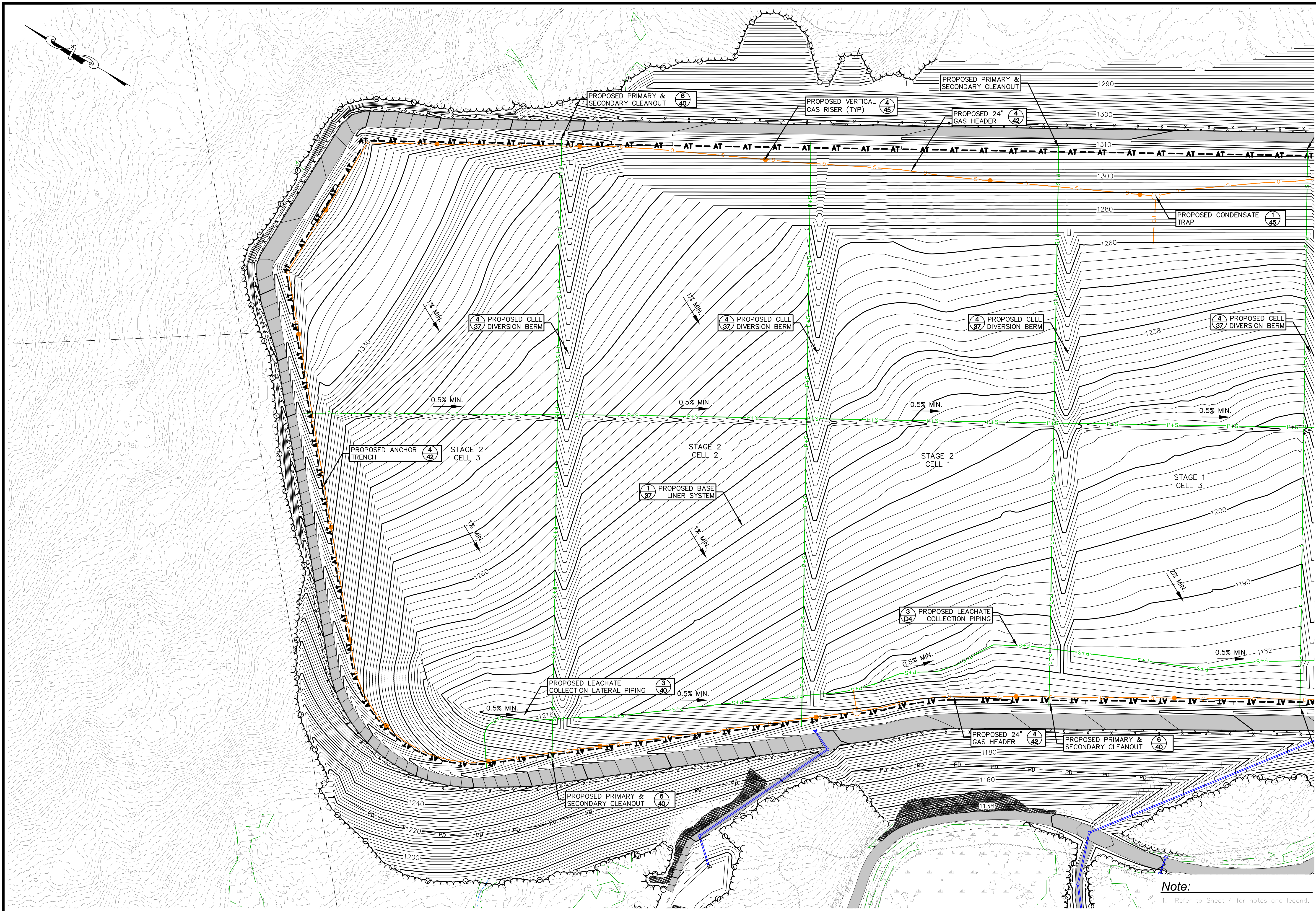
- Proposed grades shown within the anchor trench represent top of primary drainage sand grades. Proposed grades shown outside the anchor trench represent final grades.
- Wetlands shown are wetlands remaining after permitted wetland filling.
- Refer to Sheets 5, 6, and 7 for additional detail.

Legend

	Existing Wetlands (See Note 2)
	Existing 2' Contour
	Existing 10' Contour
	Proposed 2' Contour
	Proposed 10' Contour
	Proposed Culvert
	Proposed Gas Header
	Proposed Primary/Secondary Leachate
	Proposed Leachate Force Main
	Proposed Anchor Trench
	Proposed Overhead Electric
	Permanent Wetland Impacts
	Temporary Wetland Impacts

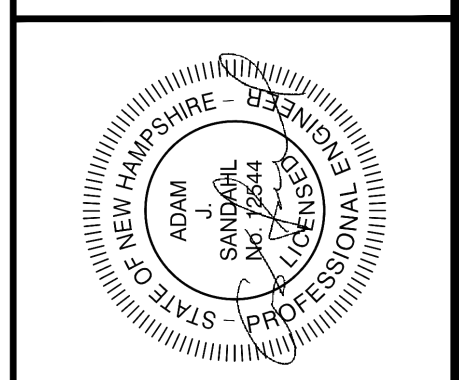


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<p>date: October, 2023 project no: 1101 checked by: AJS</p>	<p>designed by: ATR/JM/SSTF/AJS drawn by: ATR/JM/SSTF approved by: AJS</p>
<p>Scale: 1" = 150' 0 150' 300'</p>	
<p>Granite State Landfill, LLC Dalton, New Hampshire Permitting Plan Set Base Grading Plan Index Sheet</p>	
<p>drawing no. LP-1</p>	
<p>sheet: 4 of 50</p>	



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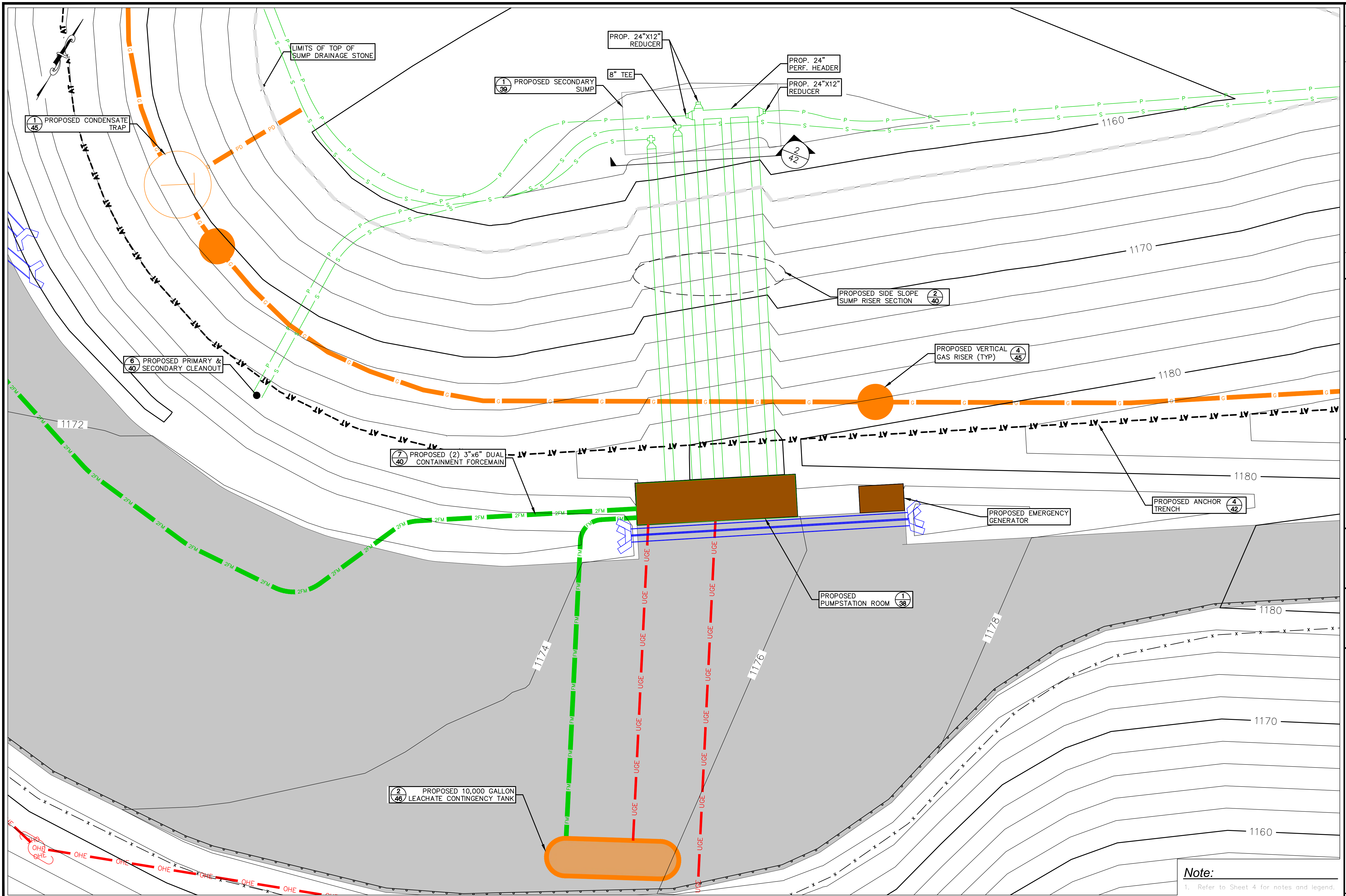


date:	October 2023	designed by:	ATR/JM/STF/AJS
project no.:	1101	drawn by:	ATR/JM/STF
checked by:	AJS	approved by:	AJS

scale: 1" = 80'
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Granite State Landfill, LLC
 Dalton, New Hampshire
 Permitting Plan Set
 Base Grading Plan
 Primary Sand 2

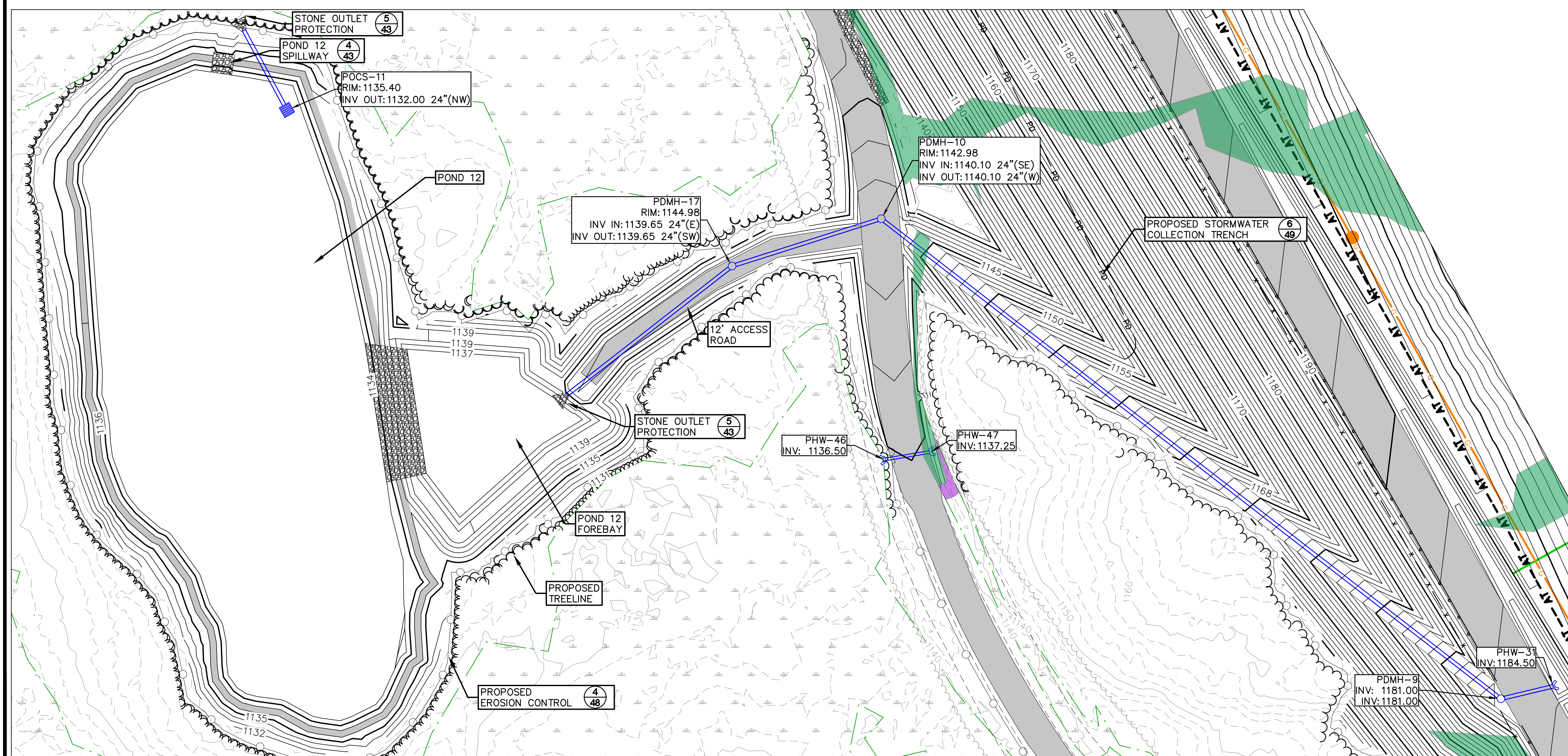
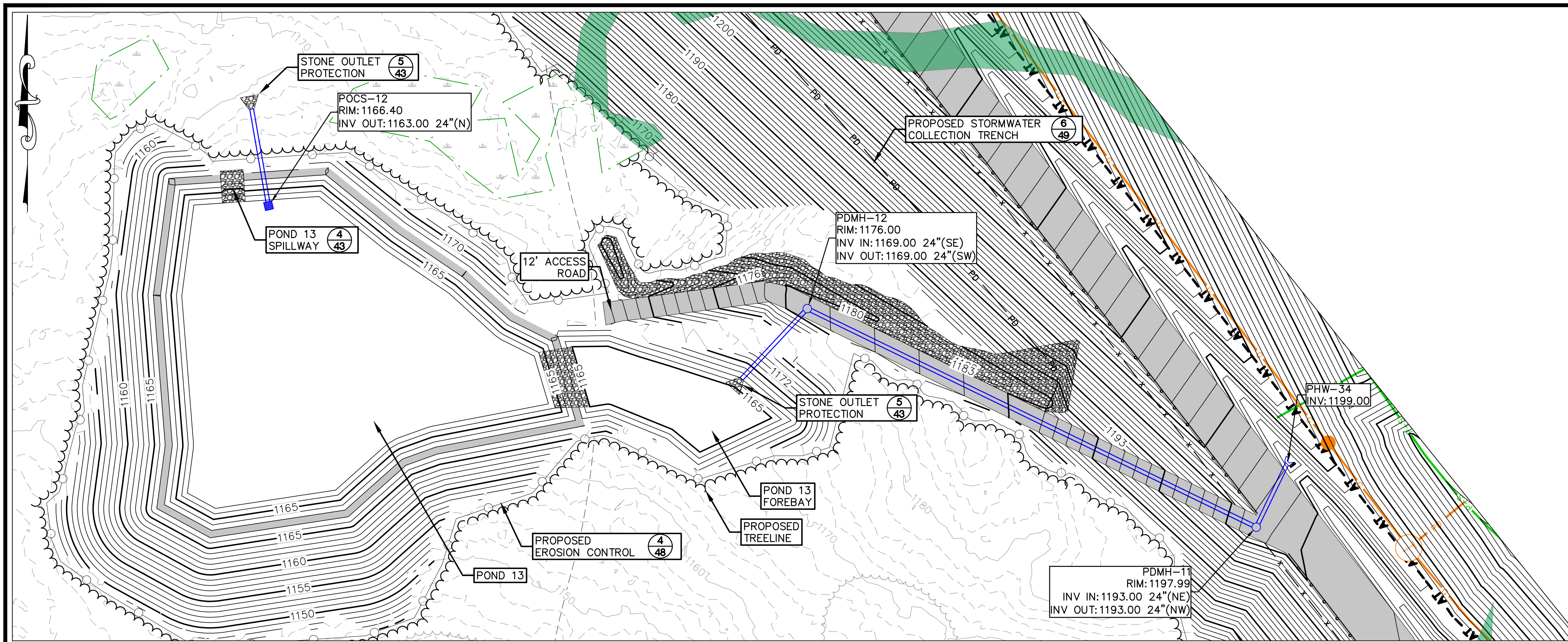
Note:
 1. Refer to Sheet 4 for notes and legend.



Note:
1. Refer to Sheet 4 for notes and legend.

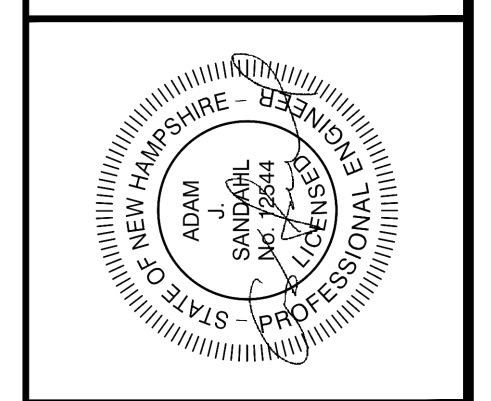
Primary & Secondary Pump Station

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<p>Granite State Landfill, LLC Dalton, New Hampshire</p>		<p>Permitting Plan Set</p>		
<p>Base Grading Plan Pump Station & Sump</p>		<p>drawing no: LP-4</p>		
<p>sheet: 7 of 50</p>		<p>revision: _____ no. _____ date _____</p>		



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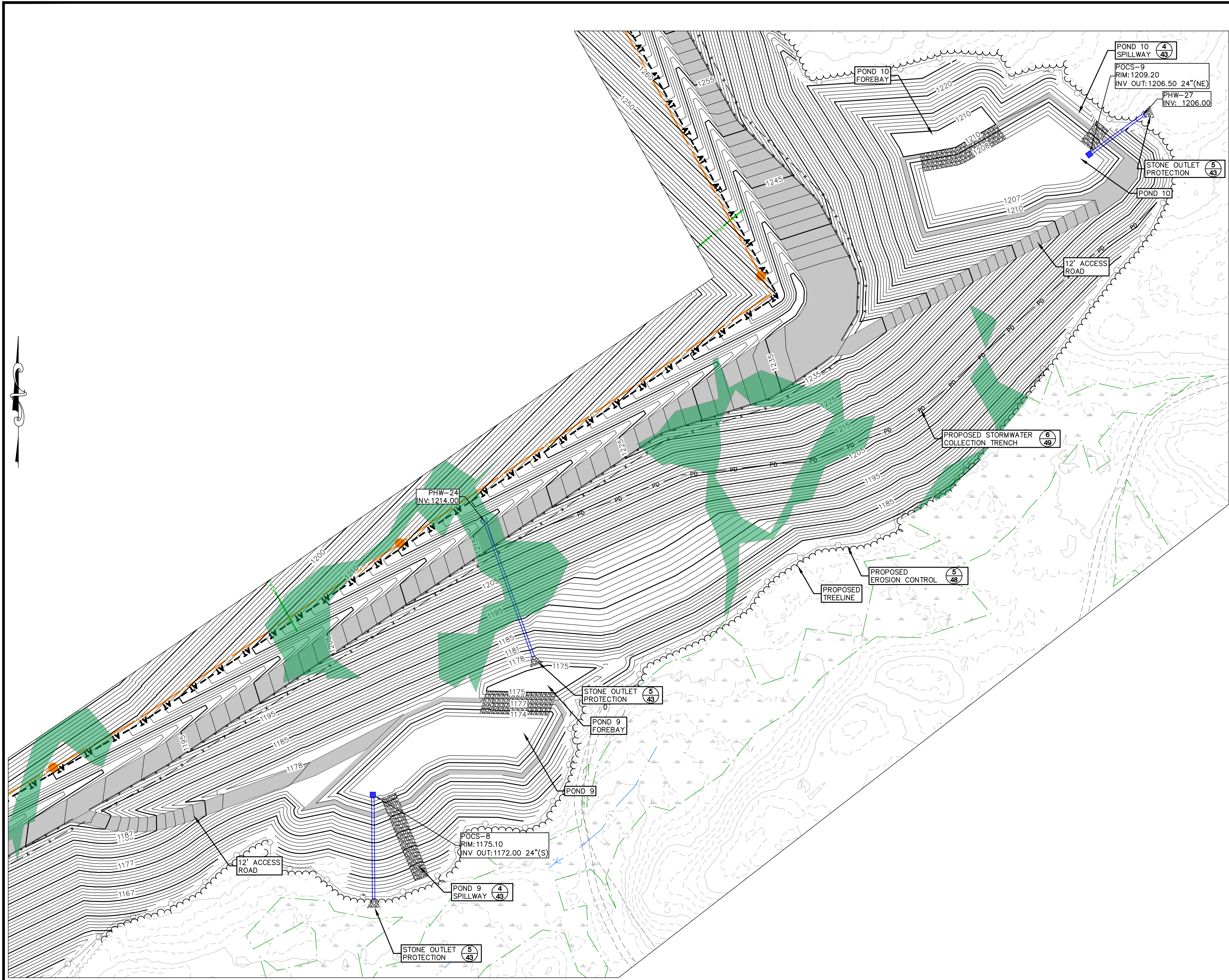


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project no.:	1101	drawn by:	ATR/JM/STF
checked by:	AJS	approved by:	AJS

Granite State Landfill, LLC
 Dalton, New Hampshire
 Permitting Plan Set
 Stormwater Ponds
 Draging and Drainage Plan 1

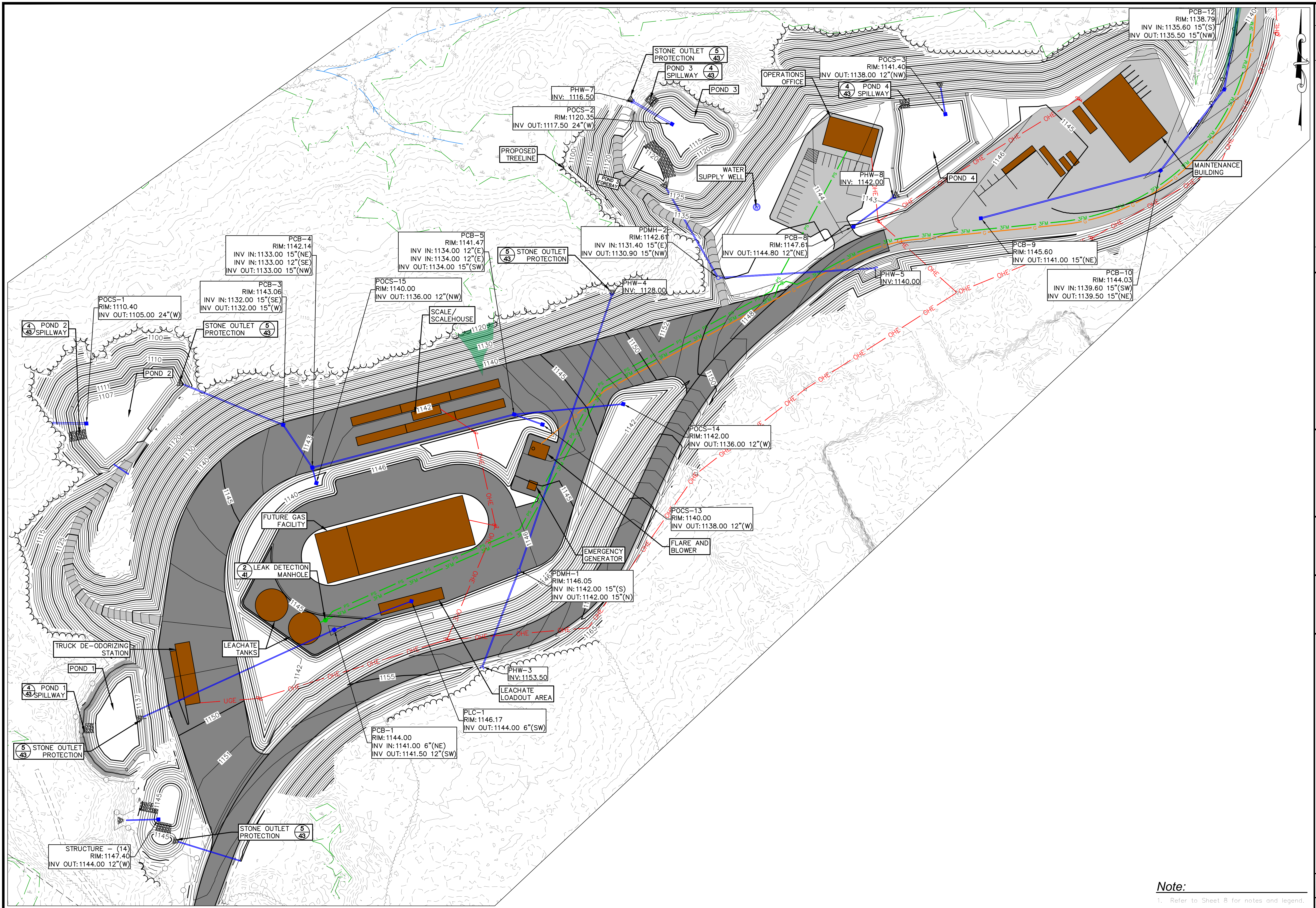
drawing no. **G&D-2**
 sheet: 9 of 50

Note:
 1. Refer to Sheet 8 for notes and legend.



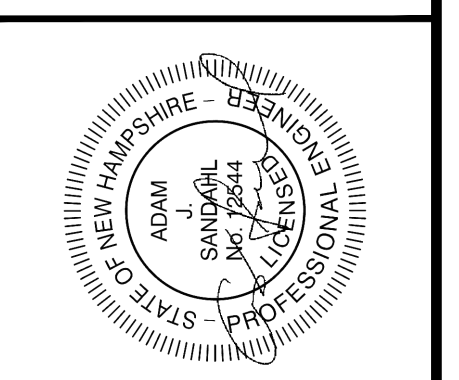
Note:
1. Refer to Sheet 8 for notes and legend.

<p>Granite State Landfill, LLC Dalton, New Hampshire</p>		<p>Permitting Plan Set</p>		<p>Stormwater Ponds Grading and Drainage Plan 3</p>	
<p>date: October 2023</p>	<p>project no: 1101</p>	<p>checked by: AJS</p>	<p>scale: 1" = 40'</p>	<p>designed by: ATR/JM/STF/AJS</p>	<p>drawn by: ATR/JM/STF</p>
<p>approved by: AJS</p>		<p>approved by: AJS</p>		<p>Scale: 1" = 40'</p>	
<p>drawing no. G&D-4</p>					
<p>sheet: 11 of 50</p>					
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<p>by _____</p>					



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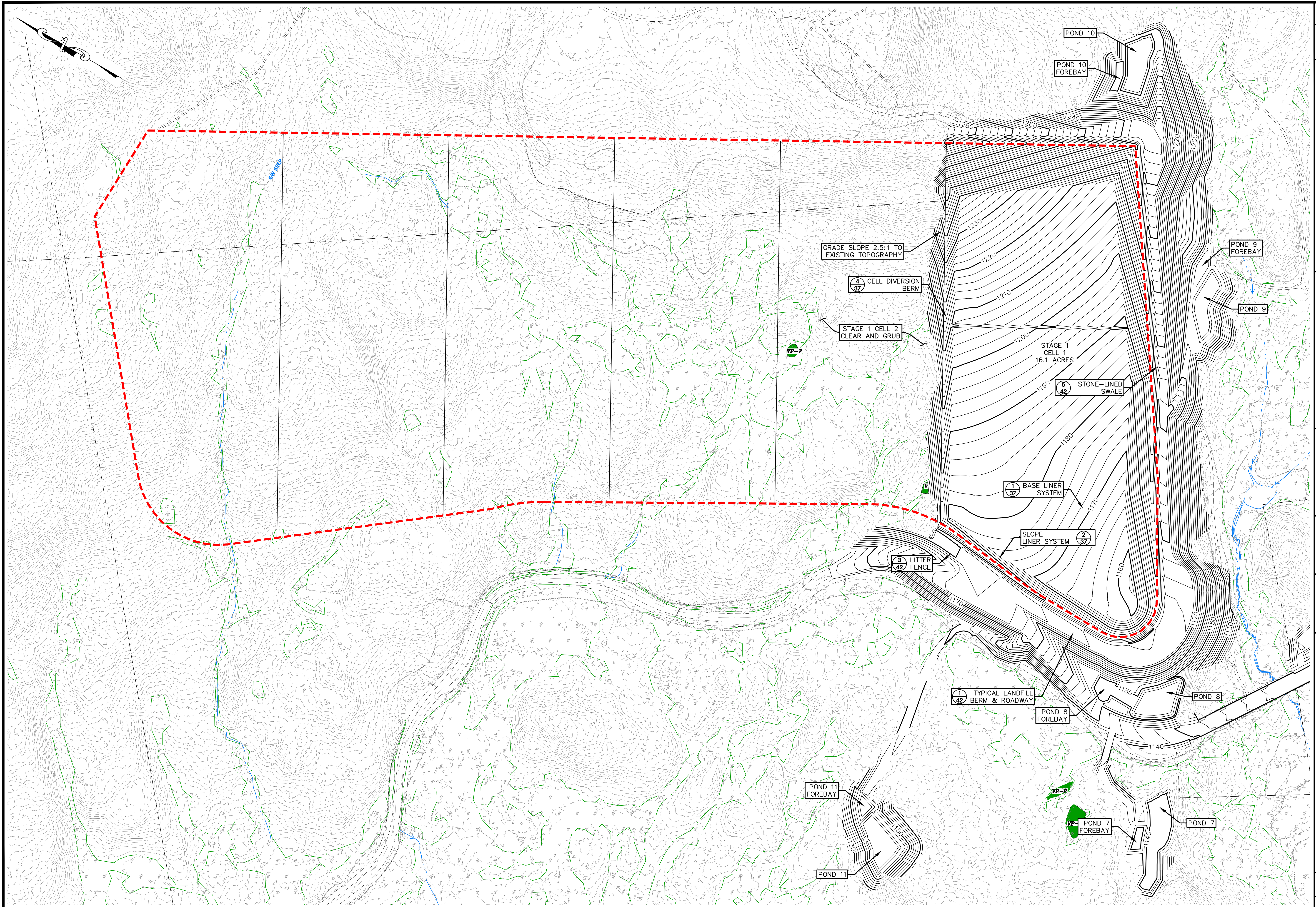


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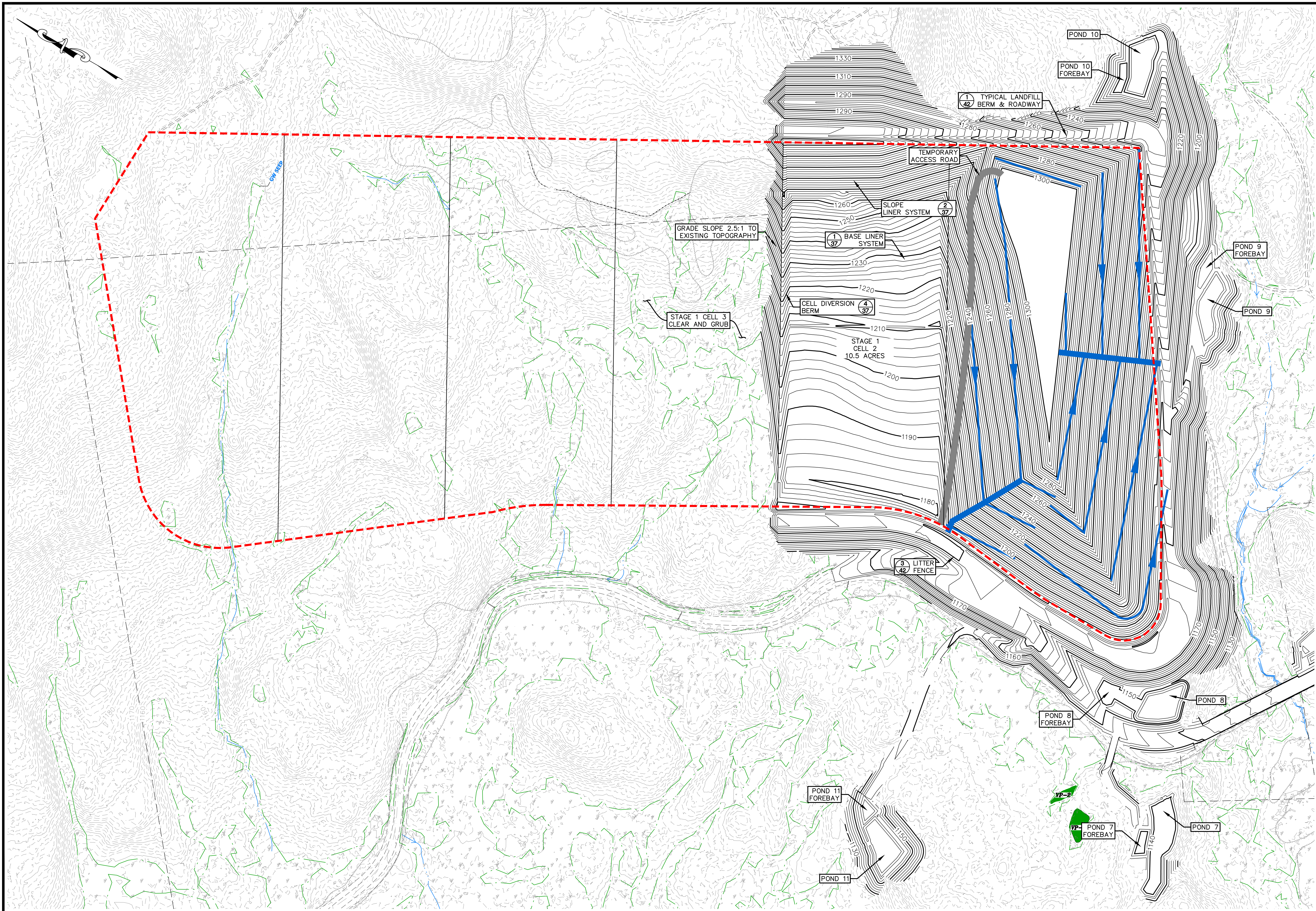
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Granite State Landfill, LLC
 Dalton, New Hampshire
 Permitting Plan Set
 Stormwater Ponds
 Grading and Drainage Plan 4

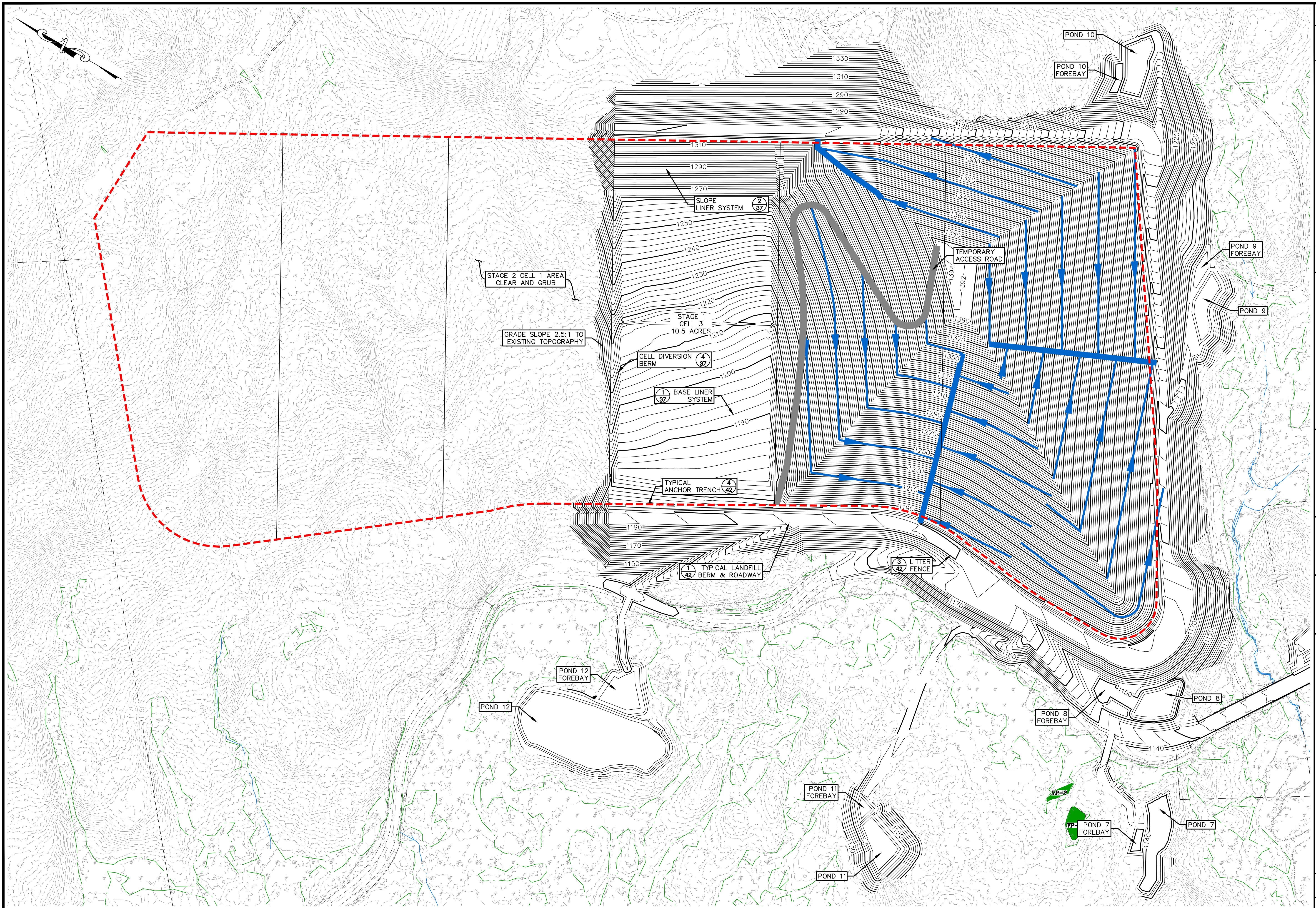
Note:
 1. Refer to Sheet 8 for notes and legend.



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<p>Permitting Plan Set</p>		<p>drawn by: ATRM/JMSTF</p>	
<p>Interim Grading Plan Stage 1 Cell 1</p>		<p>checked by: AJS</p>	
<p>drawing no. INT-1</p>		<p>approved by: AJS</p>	
<p>sheet: 13 of 50</p>		<p>date: October 2023</p>	
<p>project no: 1101</p>		<p>scale: 0 120' 240'</p>	
<p>scale: 1" = 120'</p>		<p>Scale: 1" = 120'</p>	
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<p>Granite State Landfill, LLC Dalton, New Hampshire</p>		<p>Permitting Plan Set</p>	<p>Interim Grading Plan</p>	<p>Stage 1 Cell 2</p>
<p>drawing no. INT-2</p>		<p>sheet: 14 of 50</p>	<p>scale: 0 120' 240'</p>	



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<p>designed by: ATR/JM/SSTF/AJS drawn by: ATR/JM/SSTF checked by: AJS approved by: AJS</p>		<p>scale: 1" = 120' 0 120' 240'</p>
<p>date: October 2023 project no: 1101 checked by: AJS</p>		<p>drawing no. INT-3</p>
<p>Granite State Landfill, LLC Dalton, New Hampshire Permitting Plan Set Interim Grading Plan Stage 1 Cell 3</p>		<p>sheet: 15 of 50</p>