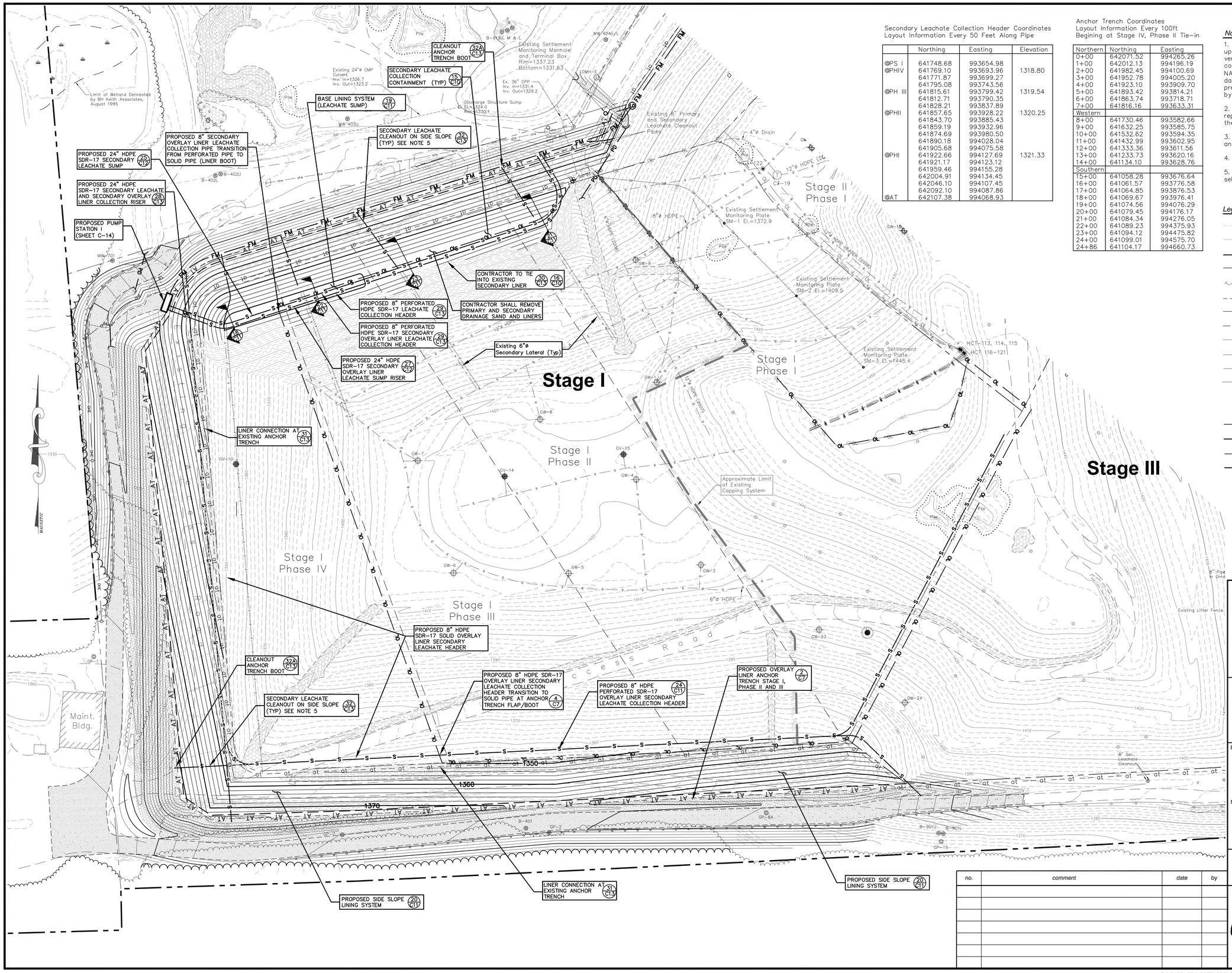

Secondary Leachate Collection Header Coordinates
Layout Information Every 50 Feet Along Pipe

	Northing	Easting	Elevation
@PS I	641748.68	993654.98	
@PHIV	641769.10	993693.96	1318.80
	641771.87	993699.27	
	641795.08	993743.56	
@PH III	641815.61	993799.42	1319.54
	641812.71	993790.35	
	641828.21	993837.89	
@PHII	641857.65	993928.22	1320.25
	641843.70	993885.43	
	641859.19	993932.96	
	641874.69	993980.50	
	641890.18	994028.04	
	641905.68	994075.58	
@PHI	641922.66	994127.69	1321.33
	641921.17	994123.12	
	641959.46	994155.28	
	642004.91	994134.45	
	642046.10	994107.45	
	642092.10	994087.86	
@AT	642107.38	994068.93	

Anchor Trench Coordinates
Layout Information Every 100ft
Begining at Stage IV, Phase II Tie-in

Northern	Northing	Easting
0+00	642071.52	994265.26
1+00	642012.13	994196.19
2+00	641982.45	994100.69
3+00	641952.78	994005.20
4+00	641923.10	993909.70
5+00	641893.42	993814.21
6+00	641863.74	993718.71
7+00	641816.16	993633.31
Western		
8+00	641730.46	993582.66
9+00	641632.25	993585.75
10+00	641532.62	993594.35
11+00	641432.99	993602.95
12+00	641333.36	993611.56
13+00	641233.73	993620.16
14+00	641134.10	993628.76
Southern		
15+00	641058.28	993676.64
16+00	641061.57	993776.58
17+00	641064.85	993876.53
18+00	641069.67	993976.41
19+00	641074.56	994076.29
20+00	641079.45	994176.17
21+00	641084.34	994276.05
22+00	641089.23	994375.93
23+00	641094.12	994475.82
24+00	641099.01	994575.70
24+86	641104.17	994660.73

Notes:

1. Topography was developed by Eastern Topographics based upon aerial photos dated November 4, 2008. Horizontal and vertical ground control was provided by Alpine Land Surveyors, company of Little ton NH. Horizontal datum is based on NAD83(1996) NH State plane coordinates system. Vertical datum is based on NAVD88 conversion of elevation from previous plans based on local datum to NAVD88 accomplished by adding 6.83 ft.
2. Grades shown within the proposed anchor trench represent proposed secondary liner grades. Grades outside the anchor trench represent final grades.
3. Contractor shall be responsible for managing leachate and stormwater during construction of the project.
4. See Sheet C-14 for Pump Station I Site Plan.
5. Contractor shall support secondary cleanout lines with select sand at changes in grade. No fittings are to be used.

Legend:

- Existing 2' Contour
- 1440 — Existing 10' Contour
- Existing Approximate Property Line
- Existing 51-Acre Parcel Line
- Existing Tree Line
- Existing Edge of Gravel
- Existing Limit of Waste
- at — Existing Anchor Trench
- s — Existing Secondary Leachate Pipe
- ohe — Existing Overhead Electric
- g — Existing Gas Line
- uge — Existing Underground Electric
- Existing Monitoring Well
- Existing Gas Probe
- Proposed 2' Contour
- 1440 — Proposed 10' Contour
- AT — Proposed Anchor Trench
- S — Proposed Secondary Leachate Pipe

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North Country Environmental Services, Inc.
Bethlehem, NH

project:
Stage IV Phase II
Type IB Permit Application

title:
Secondary Liner Grading Plan

60 0 30 60 120
(in feet)
1 inch = 60 ft.

no.	comment	date	by

designed by: JSM/RJG
date: February 2009
drawn by: APV/MAM/DAA
project no: 656.05
approved by: RJG/WAS
sheet no: C-4

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