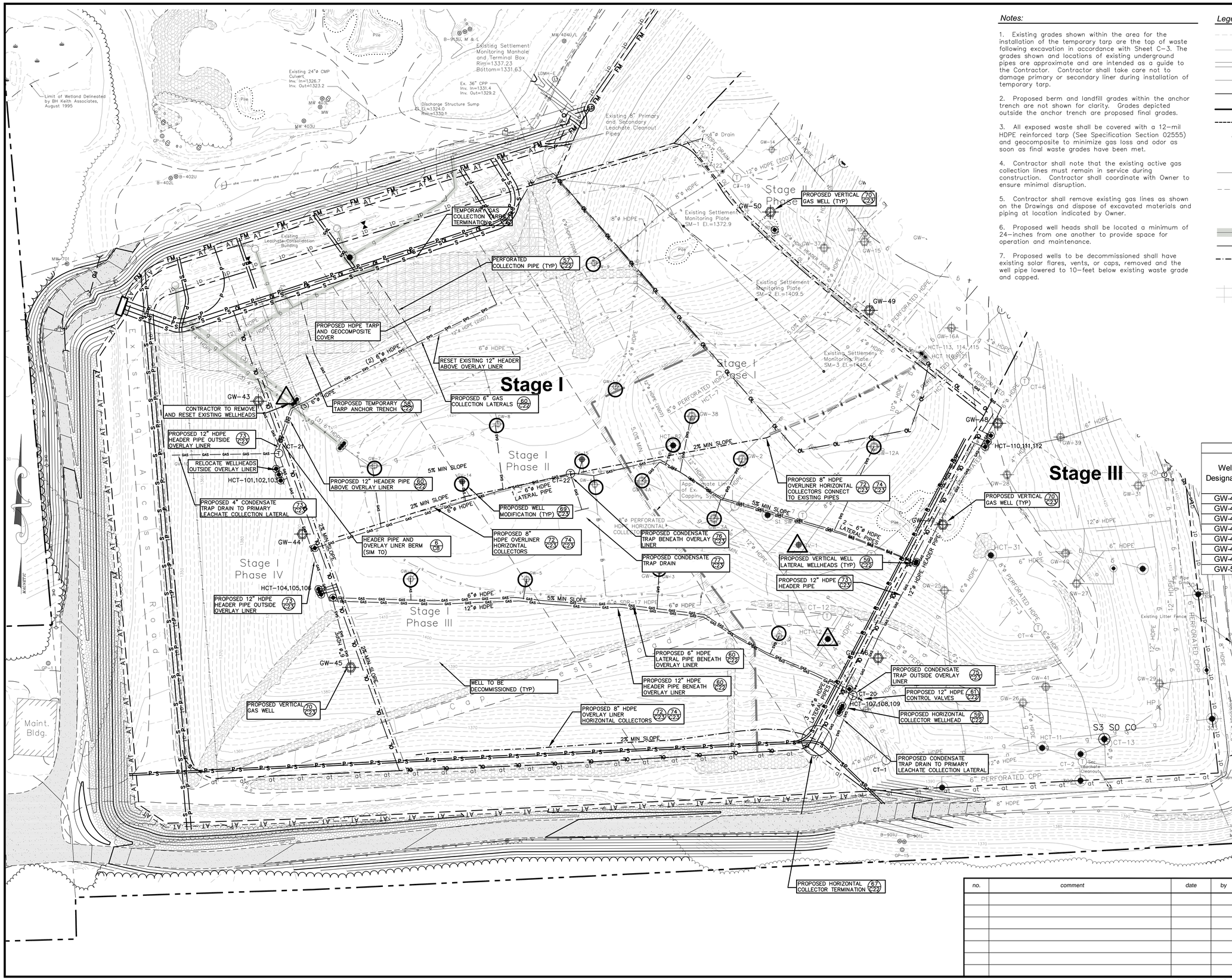

Notes:

1. Existing grades shown within the area for the installation of the temporary tarp are the top of waste following excavation in accordance with Sheet C-3. The grades shown and locations of existing underground pipes are approximate and are intended as a guide to the Contractor. Contractor shall take care not to damage primary or secondary liner during installation of temporary tarp.

2. Proposed berm and landfill grades within the anchor trench are not shown for clarity. Grades depicted outside the anchor trench are proposed final grades.

3. All exposed waste shall be covered with a 12-mil HDPE reinforced tarp (See Specification Section 02555) and geocomposite to minimize gas loss and odor as soon as final waste grades have been met.

4. Contractor shall note that the existing active gas collection lines must remain in service during construction. Contractor shall coordinate with Owner to ensure minimal disruption.

5. Contractor shall remove existing gas lines as shown on the Drawings and dispose of excavated materials and piping at location indicated by Owner.

6. Proposed well heads shall be located a minimum of 24-inches from one another to provide space for operation and maintenance.

7. Proposed wells to be decommissioned shall have existing solar flares, vents, or caps, removed and the well pipe lowered to 10-feet below existing waste grade and capped.

Legend:

- Existing 2' Contour
- 1380 — Existing 10' Contour
- P S P — Existing Leachate Collection Pipes
- g — Existing Gas Collection Pipes
- Proposed 2' Contours
- 1380 — Proposed 10' Contours
- Proposed Limit of Liner System Tie In
- GW-7 — Existing Gas Extraction Well and Wellhead
- HCT-31 — Existing Wellhead
- g — Existing Header/Lateral
- Existing Horizontal Collection Pipe
- T CT-6 — Existing Condensate Trap
- GV-9 — Existing Gas Control Valve
- Existing Gas Line/Valve To Be Removed
- GAS — Proposed Lateral
- Proposed Horizontal Collector
- Proposed Wellhead
- Proposed Temporary HDPE Tarp & Geocomposite Cover
- Proposed Well Modification
- Proposed Well Decommissioning

Landfill Gas Extraction Well Schedule

Well Designation	Northing	Easting	Surface Elevation (ft)	Bottom of Well Elevation (ft)
GW-43	641657.2	993806.1	1385	1335
GW-44	641470.4	993867.9	1402	1340
GW-45	641282.8	993935.8	1387	1339
GW-46	641296.1	994677.5	1414	1340
GW-47	641483.5	994768.4	1452	1338
GW-48	641626.1	994845.6	1452	1340
GW-49	641784.9	994665.4	1447	1340
GW-50	641923.2	994526.1	1388	1340

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North Country Environmental Services, Inc.
Bethlehem, NH

project:
Stage IV Phase II
Type IB Permit Application

title:
Gas System Modification
Site Plan

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

no.	comment	date	by

designed by: JSM/RJG
drawn by: MAM/DAA
approved by: RJG/WAS
date: February 2009
project no: 656.05
sheet no: C-21

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