
Knott Landfill – Cell 9 Construction Project
Deschutes County Department of Solid Waste
Deschutes County, Oregon

ADDENDUM NO. 1

Project Title: Knott Landfill – Cell 9 Construction Project

Date Issued: September 25, 2023

Bid Submittal Date: October 4, 2023 at 2:00 p.m.

This addendum is issued to revise the “Contract Documents for the Construction of Knott Landfill – Cell 9 Construction Project” that are dated August 24, 2023. There is no change to the bid submittal date and time. Sealed bids will continue to be received at the Deschutes County Department of Solid Waste, 61050 SE 27th Street, Bend, Oregon 97702, until but not after, 2:00 p.m. on October 4, 2023. Revisions shall be as follows:

1. Delete Special Provisions – Section 02020 – Quality Control Testing, C. Frequency of Testing, and replace with the following (Special Provisions – Page 21):

“C. Frequency of Testing

Quality control testing of soil and rock materials shall be performed by a geotechnical testing laboratory that is retained and paid for by the Contractor. Testing of the material shall be performed after installation of the materials has been completed, unless otherwise directed by the Engineer. The Contractor shall notify the Engineer when material installation is complete and shall anticipate that up to 24 hours will be required for the completion of each test.

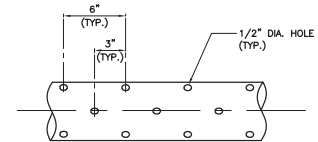
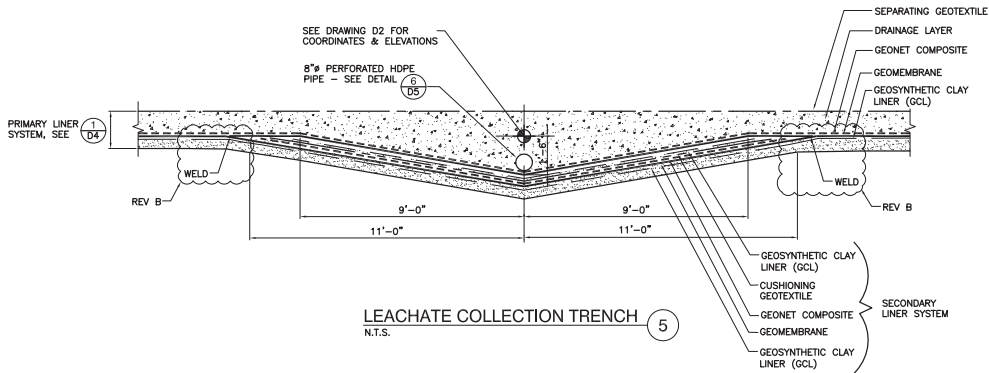
1. *Particle Size.* The geotechnical testing laboratory shall perform particle size testing at the following minimum frequencies:
 - a. Cushioning Layer - 1 every 2,500 cubic yards
 - b. 2 inch Minus Aggregate - 1 every 5,000 cubic yards
2. *Compaction.* Compaction testing shall be performed by the geotechnical testing laboratory. It shall be the responsibility of the Contractor to accomplish the specified compaction for backfill, fill, etc. Testing, rework and retesting shall not constitute a delay in contract time. The frequency of confirmation tests shall be as follows:
 - a. Embankment - 1 every 500 cubic yards.
 - b. Cushioning Layer - 1 every 2,500 cubic yards.

If compaction fails to meet the specified requirements, the Contractor shall remove and replace the material at proper density, or shall modify the density to the specified level by other

3. *Permeability:* Drainage Layer permeability testing has already been performed and is not required.”

2. Delete the 3rd sentence of Special Provisions – Section 02311- Geosynthetic Clay Liner, D. Construction, 7. Installation of the GCL, Item b. as follows (Special Provisions – Page 36):
 - “ b. The GCL shall be installed so that the seams of the material laid on the sideslopes are perpendicular to the landfill bottom. All material shall be pulled tight to smooth out creases, wrinkles or irregularities. ~~No horizontal seams shall be allowed.~~ The material shall be deployed from the highest to the lowest point and shall be deployed down the slope, not across the slope.”
3. Add Special Provisions - Section 02636 Water Truck Filling Station, B. Materials, 11. Water Pipe Support Structure Coating section (Special Provisions - Page 70):
 - “11. *Water Pipe Support Structure Coating*: The above-grade steel support structure for the water pipe shall be coated with paint. Match the color to the existing pipe support structure on-site. Paint with a two-part system such as Sherwin Macropoxy 646 5-7 mils DFT with final coat of Sherwin hi-solids polyurethane 2-4 mils DFT (or equal paint system). Adequate surface preparation shall be provided in accordance with coating manufacturers’ guidelines and standard practice. A minimum of SSPC-SP3 power tool cleaning should be performed; if the paint/coating manufacturer recommends a more stringent surface preparation specification then it shall be followed.”
4. Delete Special Provisions - Section 02636 Water Truck Filling Station, D. Measurement and Payment, 2. Payment section and replace with the following (Special Provisions - Page 71):
 - “2. *Payment*: Shall be paid for at the applicable contract unit price, payment for which shall be full compensation for the Water Truck Fill Station, in place, complete including excavation, furnishing, hauling, assembling, pipe, valves, jointing, special fittings, joint materials, pipe bedding, testing, **repaving of the existing road asphalt due to any excavation or disturbance**, and all incidental work and material necessary for a complete installation to the required lines and grades shown on the drawings and where ordered by the Engineer.”
5. Delete Special Provisions – Section 02638 – Chain Link Fence and Gates, B. Materials, 2. *Chain Link Fabric* and replace with the following (Special Provisions – Page 71):
 - “2. *Chain Link Fabric*: Shall be **Vinyl Clad** chain link fabric in accordance with Section 03010.30 and 03010.40 of the Oregon Standard Specifications and shall be supplied in a Tan color that matches the existing fencing that has been installed at the Knott Landfill.”
6. Delete Special Provisions – Section 02638 – Chain Link Fence and Gates, B. Materials, 5. *Fence Posts, Braces and Appurtenances* and replace with the following (Special Provisions – Page 71):
 - “5. *Fence Posts, Braces and Appurtenances*: Shall be in accordance with Section 02110.30 and 03010.50 of the Oregon Standard Specifications and shall be **powder coated Tan in color** to match the existing fencing that has been installed at the Knott Landfill.”
7. Delete **Drawing D5** (dated 8/24/23) and replace with the attached **Drawing D5- Rev B** (dated 9/19/23).
8. Delete **Drawing G7** (dated 8/24/23) and replace with the attached **Drawing G7-Rev B** (dated 9/22/23).
9. Delete **Drawing M2** (dated 8/24/23) and replace with the attached **Drawing M2-Rev B** (dated 9/22/23).

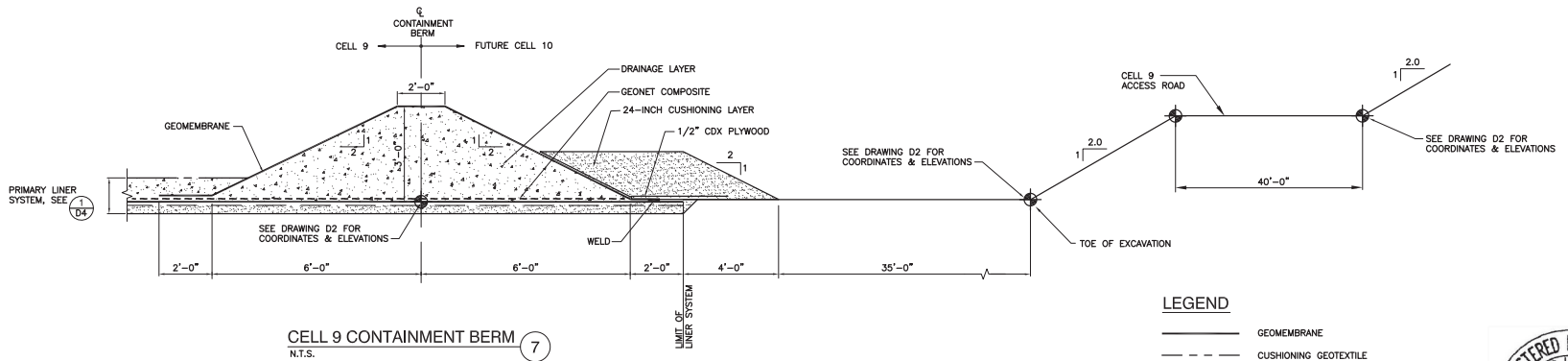
Bidders are reminded that receipt of this Addendum must be acknowledged by the Bidder in the Acknowledgement of Addendums section that is shown on Page 3 of the Bid Proposal.



NOTES:

- HOLES SHALL BE DRILLED AT 90° AROUND PIPE CIRCUMFERENCE. SUCCESSIVE ROWS SHALL BE SEPARATED BY 2" AND STAGGERED 45°
- REMOVE INTERIOR WELD BEADS AND ALL CUTTINGS INSIDE AND OUT BEFORE PIPE IS INSTALLED.

PERFORATED HDPE PIPE (6)
N.T.S.



LEGEND

- GEOMEMBRANE
- - - - CUSHIONING GEOTEXTILE
- GEOSYNTHETIC CLAY LINER (GCL)
- - - - GEONET COMPOSITE
- - - - SEPARATING GEOTEXTILE



Renews: 12/31/2023

No.	DATE	BY	REVISION
B	9/19/23	GF	MODIFICATION TO DETAIL 5
A	8/24/23	GF	ISSUED FOR CONSTRUCTION

JOB No. 00185	DESIGNED BY GF	PROJ. ENGINEER GF
SCALE N.T.S.	DRAWN BY GF	APPROVED BY JM
	CHECKED BY GF	DATE 8/24/23



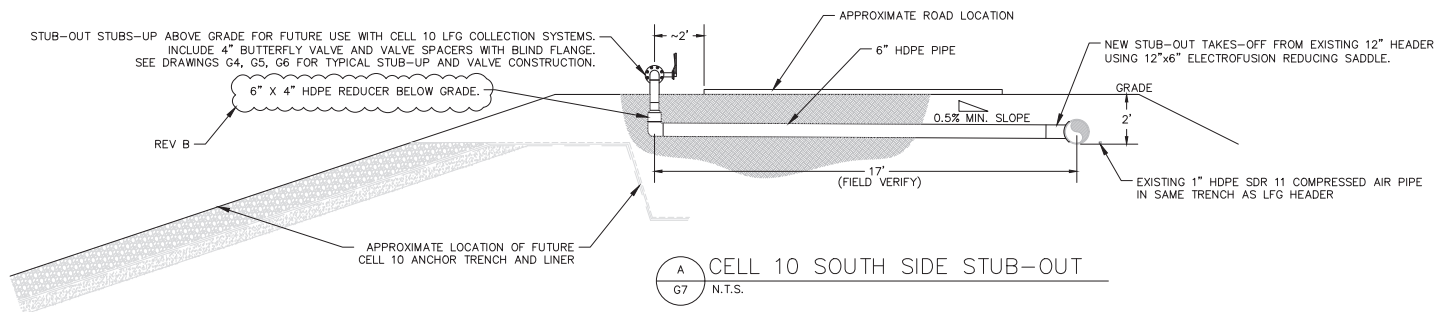
G. Friesen Associates, Inc.
4088 Orchard Drive
Lake Oswego, Oregon 97075
Tel: (503) 635-1233
Fax: (866) 533-5543

**KNOTT LANDFILL
CELL 9 CONSTRUCTION
PROJECT**
DESCHUTES COUNTY, OREGON

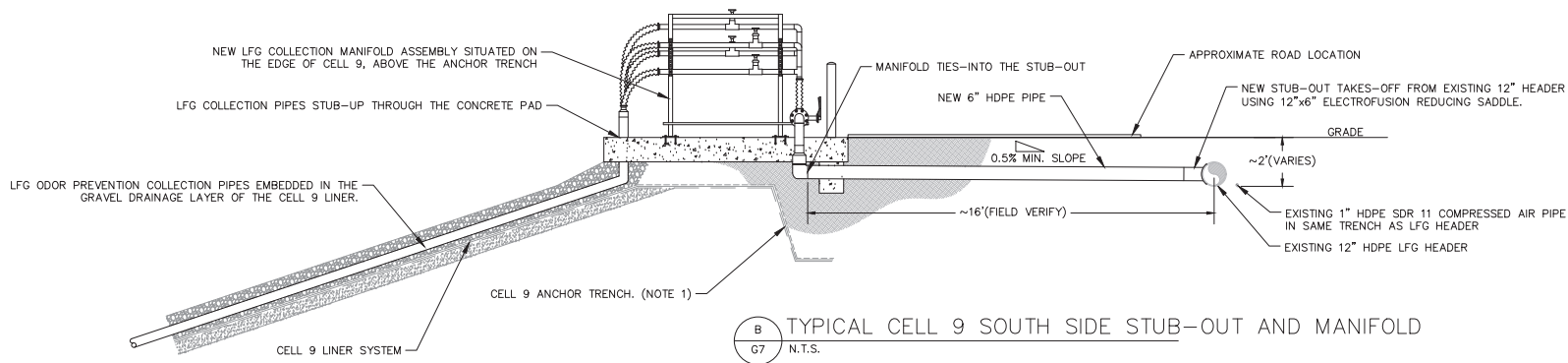
**CELL 9
LINER SECTIONS AND DETAILS**

DRAWING NUMBER: D5
CAD FILE NUMBER: D05
SHEET: 7 of 24
REV. A

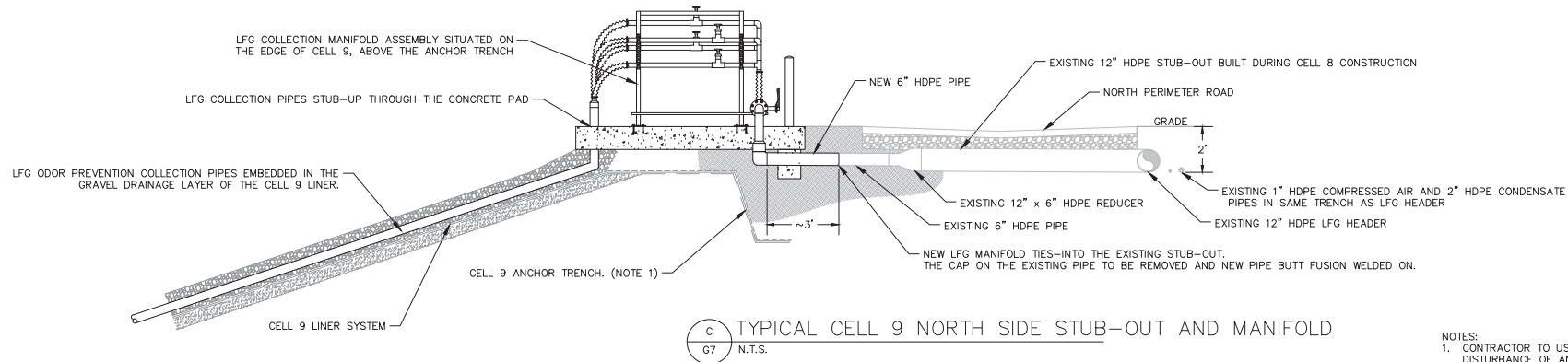
C:\Users\EvanSchreiber\Tent Engineering\CAD System - Documents\Jobs\105-Knot Landfill\TENT 2.dwg 9/22/2023 EvanSchreiber



A CELL 10 SOUTH SIDE STUB-OUT
G7 N.T.S.



B TYPICAL CELL 9 SOUTH SIDE STUB-OUT AND MANIFOLD
G7 N.T.S.



C TYPICAL CELL 9 NORTH SIDE STUB-OUT AND MANIFOLD
G7 N.T.S.

NOTES:
1. CONTRACTOR TO USE CAUTION WHEN DIGGING TO AVOID DISTURBANCE OF ANCHOR TRENCH AND CELL LINER. SEE DRAWING NUMBER D6 FOR ANCHOR TRENCH DIMENSIONS.



No.	DATE	BY	REVISION
B	9/22/23	ES	CORRECTED SIZE OF DETAIL A TEXT
A	8/24/23	ES	ISSUED FOR CONSTRUCTION

JOB No.	DESIGNED:	PROJ. ENGINEER:
105.02	ES	WS
SCALE:	DRAWN BY:	APPROVED BY:
AS SHOWN	ES	WS
	CHECKED BY:	DATE:
	WS	08/24/23



**KNOTT LANDFILL
CELL 9 CONSTRUCTION
PROJECT
DESCHUTES COUNTY, OREGON**

**CELL 9
LFG HEADER ROAD CROSSING STUB-OUTS**

DRAWING NUMBER:	G7
CAD FILE NUMBER:	TENT 2
SHEET:	15 of 24
REV:	A

