

Addendum No. 2

New Hanover County Cells 2-6 Partial Closure County Bid No. 15-0212

Issued January 6, 2015

The bid date has not changed and remains January 14, 2015; at 2:00 pm in accordance with the bid documents. Addendum No. 2 includes the following response to bidders' questions received since the issuance of Addendum No. 1 to date:

Bidders, please review the detail included herein for confirmation of the changes noted below.

- 1. Will a 1" Compost Blanket applied to the surface of the topsoil layer be an acceptable means of obtaining the 15% organic matter requirement?**

Response: No, Per Addendum No. 1 The topsoil specification Part 3 D. Grading: was revised to state, *"The topsoil shall be uniformly distributed with a consistent blend to a minimum of six (6) inches."*

- 2. Per Dwg. 12, Detail 1, Closure Capping System With Gas Collection System Detail, an arrow points to what appears to be the "Gas Management System" requirement for DRAINTUBE 808 STI D25. The specification section 02680 Gas Management System, however shows a requirement for DRAINTUBE 606 STI D25. Please clarify which material is required for the Gas Management System.**

Response: The required material is the DRAINTUBE 606 STI D25.

- 3. Per Dwg. 12, Detail 1, Closure Capping System With Gas Collection System Detail, has an arrow pointing to the Geocomposite Layer above the 40 mil Textured LLDPE Geomembrane Liner which states "DOUBLE SIDED Geocomposite Drainage Net or DRAINTUBE". Per specification section 02563 DRAINTUBE Drainage Geocomposite no particular DRAINTUBE product is mentioned. Should this DRAINTUBE Drainage Geocomposite be DRAINTUBE 808 STI D25? Please clarify.**

Response: The note on Detail 1 Drawing 12 should state DOUBLE SIDED GEOCOMPOSITE DRAINAGE NET. The DRAINTUBE product **shall not** be used as the drainage layer. The Double Sided Geocomposite is the only acceptable material.

- 4. Per the Bid Form, Part G. Closure, sub-part 2, for 350 mil Triaxial Geocomposite is shown as a Lump Sum bid item. If our bid is based upon utilizing DRAINTUBE for this item in lieu of Triaxial Geocomposite (per Dwg. 12, Detail 1, Double Sided Geocomposite Drainage Net or DRAINTUBE), are we to place our cost for utilizing**

**Draintube in this bid item which specifically says 350 mil Triaxial Geocomposite?
Please clarify.**

Response: The Draintube product **shall not** be used as the drainage layer. Only the Triaxial Geocomposite is to be bid on as Part G. Closure, sub-part 2.

- 5. Dwgs. 4, 5, 6, and 7 have a broken line around the perimeter of the cap area, which indicates the Limits of Liner. Per Dwg. 11, Detail 3, Toe Excavation Detail, please provide a note indicating where these “limits of liner” are in relation to this detail.**

Response: As per Note 6, Drawing 4 of 14, the cap liner is to be welded to the base liner. To clarify for the condition of the referenced detail, the detail has been revised to identify the limits of the liner. Please find the revised Detail enclosed.

- 6. Will the toe drain outlets shown on Dwg. 7 require a booted penetration?**

Response: No, the stormwater toe drains are located above the liner, therefore they do not penetrate the liner and no boots will be required.

- 7. Dwg. 13, Detail 6, Detail 7 & Detail 8 show the boot requirements for the different riser pipes and Header/Lateral Cleanouts. When we look at Dwg. 4, 5, 6 & 7, however, we are having an extremely difficult time determining how many of each are required. As best as we can tell there appears to be 4 each 24” riser pipe boots, 19 each 8” Header/Lateral Cleanout boots, 5 each gas vent pipe penetrations, and 9 each 6” gas well boots. Are there any additional pipe boots required for this project.**

Response: Based on the project drawing, existing as-builts, and the existing topographical survey we have identified one - 24” riser pipe, one - 18” riser pipe, one - 10” cleanout riser, and 14 - 6” cleanout risers that will require boots. As identified on the Bid Drawings the construction shall include 7 gas vent penetrations associated with the Draintube gas collector and 8 - 6” boots for the existing gas extraction wells. That being stated, as part of a lump sum item it is the responsibility of the CONTRATOR to field verify all quantities and dimensions to accurately estimate the cost of materials to prepare their bid. The estimates provided above by the ENGINEER shall not be considered verification.

- 8. Per Dwg. 5, gas well EW-609 is so close to the limits of lined area that we cannot determine whether it will require a booted penetration. Will this well require a boot as part of this project?**

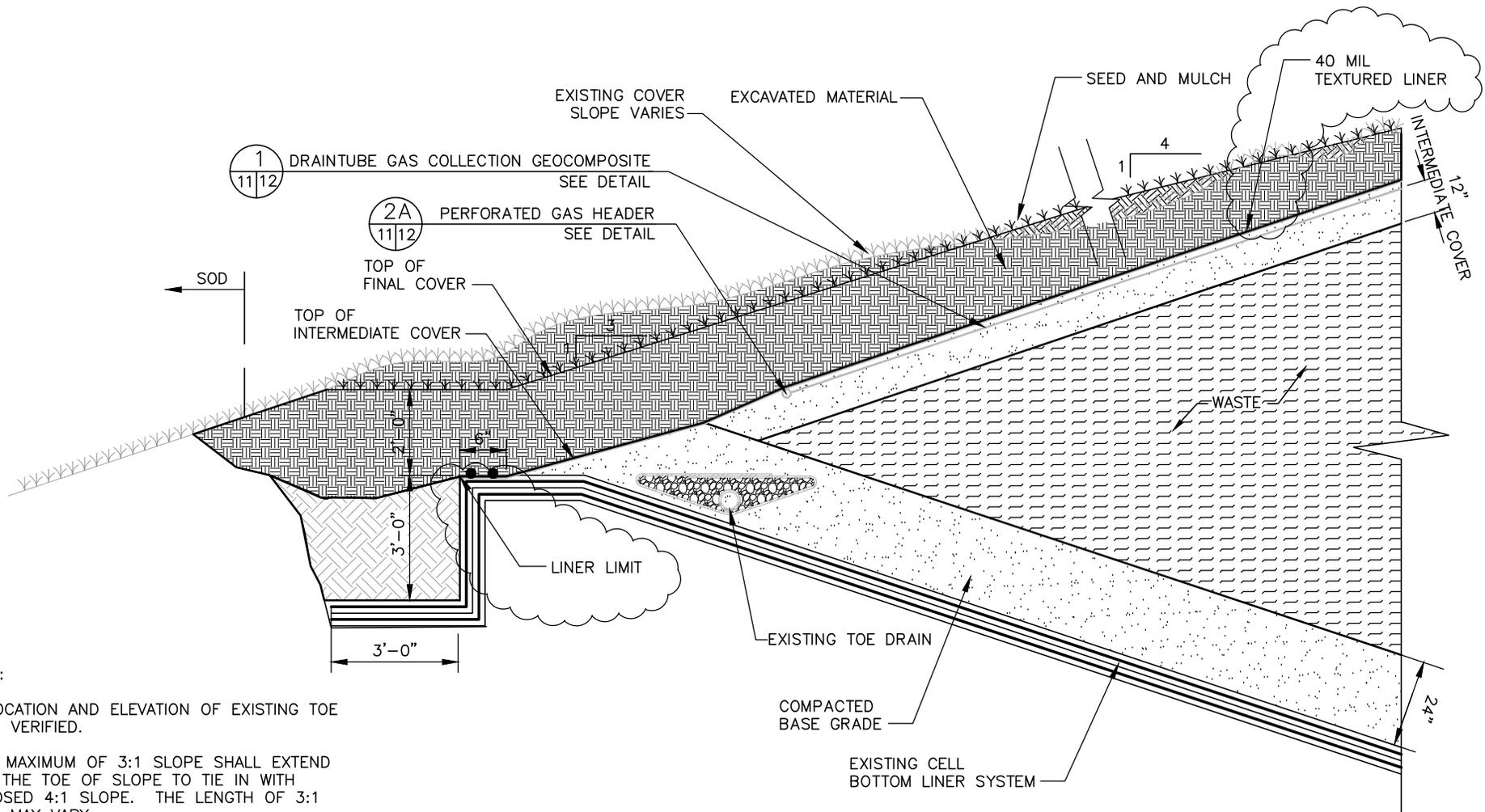
Response: EW – 609 will not require a boot penetration as part of this project. If necessary the cap liner may be adjusted in the field to avoid any conflicts with EW – 609.

9. **Can you confirm if the Toe Drain shown in Detail 1/Sheet 11 should be 4" DR 11 HDPE pipe as indicated in the detail or 4" ADS N-12 Corrugated pipe as described in Specification 02726-Toe & Sub Drains, Part 2.01.A**

Response: Yes, the Toe Drain shown in Detail 1 on Sheet 11 should be 4" DR 11 HDPE pipe as indicated in the detail.

NOTE: THIS ADDENDUM MUST BE ACKNOWLEDGED IN YOUR BID PACKAGE IN ACCORDANCE WITH THE SPECIFICATIONS. THE LAST DATE TO RECEIVE QUESTIONS FOR THIS BID WAS JANUARY 5, 2015.

END OF ADDENDUM #2



NOTES:

1. LOCATION AND ELEVATION OF EXISTING TOE TO BE VERIFIED.
2. A MAXIMUM OF 3:1 SLOPE SHALL EXTEND FROM THE TOE OF SLOPE TO TIE IN WITH PROPOSED 4:1 SLOPE. THE LENGTH OF 3:1 SLOPE MAY VARY.
3. THE CONTRACTOR SHALL REGRADE AND SOD THE STORMWATER CANAL AT THE TOE OF SLOPE.

TOE EXCAVATION DETAIL

NOT TO SCALE

