

# CONNECTICUT RESOURCES RECOVERY AUTHORITY

## ADDENDUM NO. 1 Issued March 16, 2006

TO

### CONTRACT DOCUMENTS FOR OPERATION AND MAINTENANCE OF THE HARTFORD LANDFILL GROUNDWATER FLOW CONTROL SYSTEM 180 LEIBERT ROAD HARTFORD, CONNECTICUT

(RFB Issued February 21, 2006)

**Note:** Bidder is required to acknowledge this and all Addenda in Section 4.(a) of (Page 3-2) of the Bid Form.

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This Addendum consists of the Connecticut Resources Recovery Authority's (CRRA) responses to questions received by the CRRA concerning the Request for Bids (RFB) for Operation and Maintenance of the Hartford Landfill Groundwater Flow Control System (GFCS). This Addendum includes responses to questions posed by potential bidders at the mandatory site tour held on March 2, 2006 and to questions posed in writing by potential bidders and received by CRRA, as specified in the RFB, by 3:00 p.m. on March 10, 2006.

#### Bidder Questions and Answers:

- Q1. To what extent does CRRA desire subcontractors to be identified for possible future work under Task 4?
- A1. Bidders should identify potential subcontractors for work under Task 4 when bidders answer question #4 on Page 5-1 of Section 5 – Issues and Questions to be Addressed. Potential subcontractors that bidders should identify include, but are not necessarily limited to, potential well drilling subcontractors, well re-development subcontractors, electrical subcontractors, and plumbing subcontractors. Bidders should affirm that they have previously worked with each identified potential subcontractor. Given the non-routine nature of Task 4 services, CRRA does not expect potential subcontractors identified solely for completing work under Task 4 of the Scope of Services to provide answers to the Issues and Questions to be Addressed.

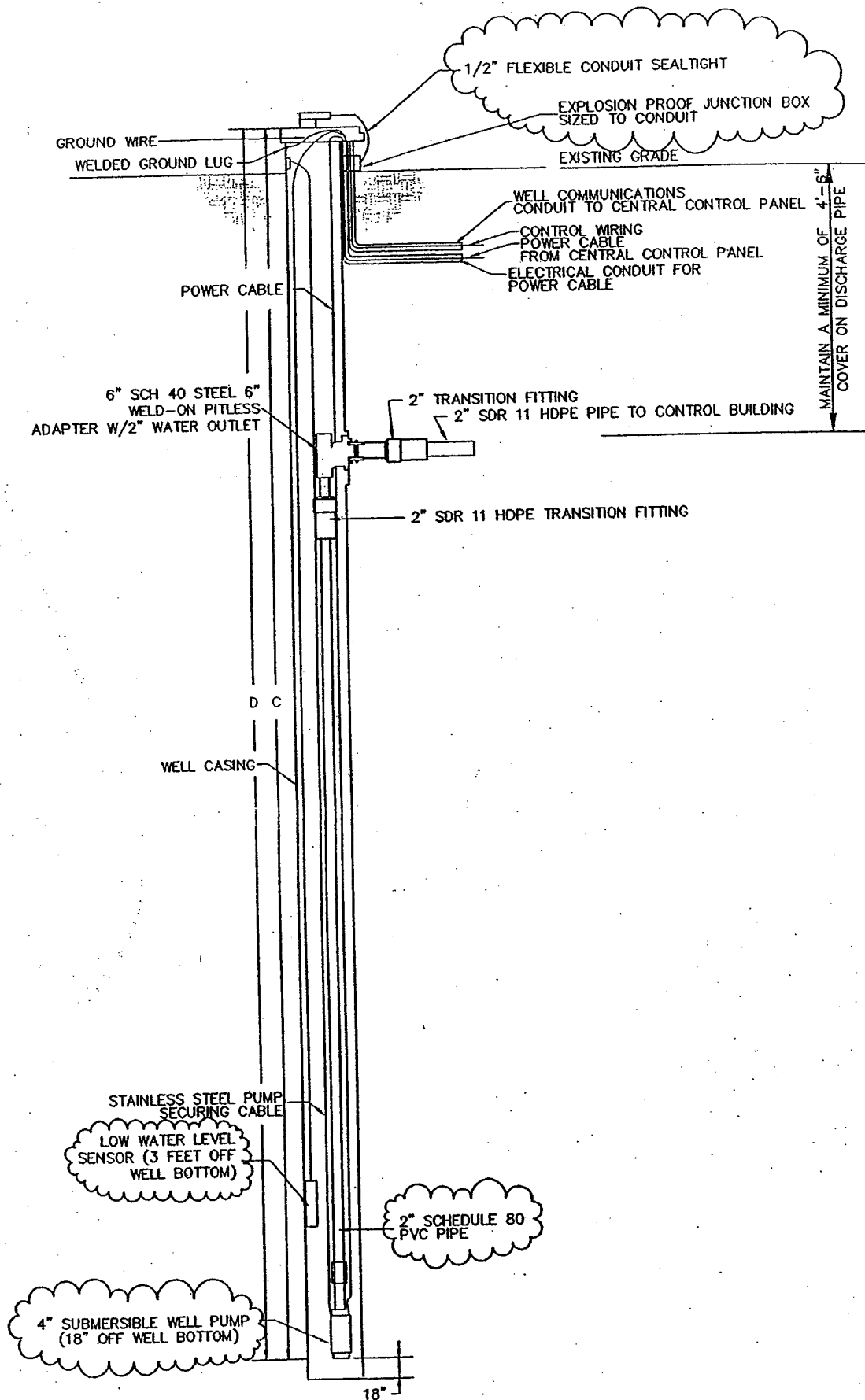
- Q2. How many pump change-outs have there been during the last three years of GFCS operation?
- A2. The pump and water level sensor in PW-2 were replaced in February 2003, and the pump in PW-1 was replaced in November 2003. Additionally, PW-2 was re-developed in November 2003, and repairs to the wiring and steel well casing for PW-4 were required in July 2004 after PW-4 was struck by lawn mowing equipment.
- Q3. Is the ProControl telemetry unit capable of placing alarm calls to a pager or is it only capable of placing alarm calls to a fax machine?
- A3. The ProView 2.1x User's Guide indicates that the ProControl can be programmed to send either numeric or alphanumeric alarm pages to one or two pagers. Since this feature is not currently in use, CRRA can not verify that this feature of the telemetry software is fully functional.
- Q4. Under what conditions will a manual re-start of a pumping well be required?
- A4. A manual re-start of a pumping well is required if an "abnormal pump condition" occurs (i.e., the flow meter associated with the pumping well records a low flow rate that may be attributable to the pump failing, to a pipe clog, or to a flow meter failure). The ProControl telemetry unit is currently programmed to automatically re-start the GFCS pumping wells after a power failure. The ProControl unit will also automatically re-start a pumping well if the pump was automatically shut down due to a low water level in the well.
- Q5. Can the elevations of the pumps and the low water level sensors in the pumping wells be adjusted?
- A5. It is possible to adjust the elevations of the pumps and the low water level sensors in the pumping wells. Please note, however, that there has not been a need to make such adjustments during the last three-plus years of GFCS operation, and the need to make such adjustments typically indicates that there is a maintenance issue with the pumping well that needs to be addressed (i.e., accumulated silt needs to be removed from the well or the well needs to be re-developed due to iron fouling).
- Q6. Will you please provide copies of drawings depicting the construction of the pumping wells and the piezometers?
- A6. Please see the three (3) pages in Attachment #1 to this Addendum No. 1 for the requested drawings.
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END OF ADDENDUM NO. 1

ATTACHMENT #1 TO ADDENDUM NO. 1

Typical Pump Installation Detail, Typical Pumping Well Detail, and Typical Piezometer Detail

Three (3) Pages Follow

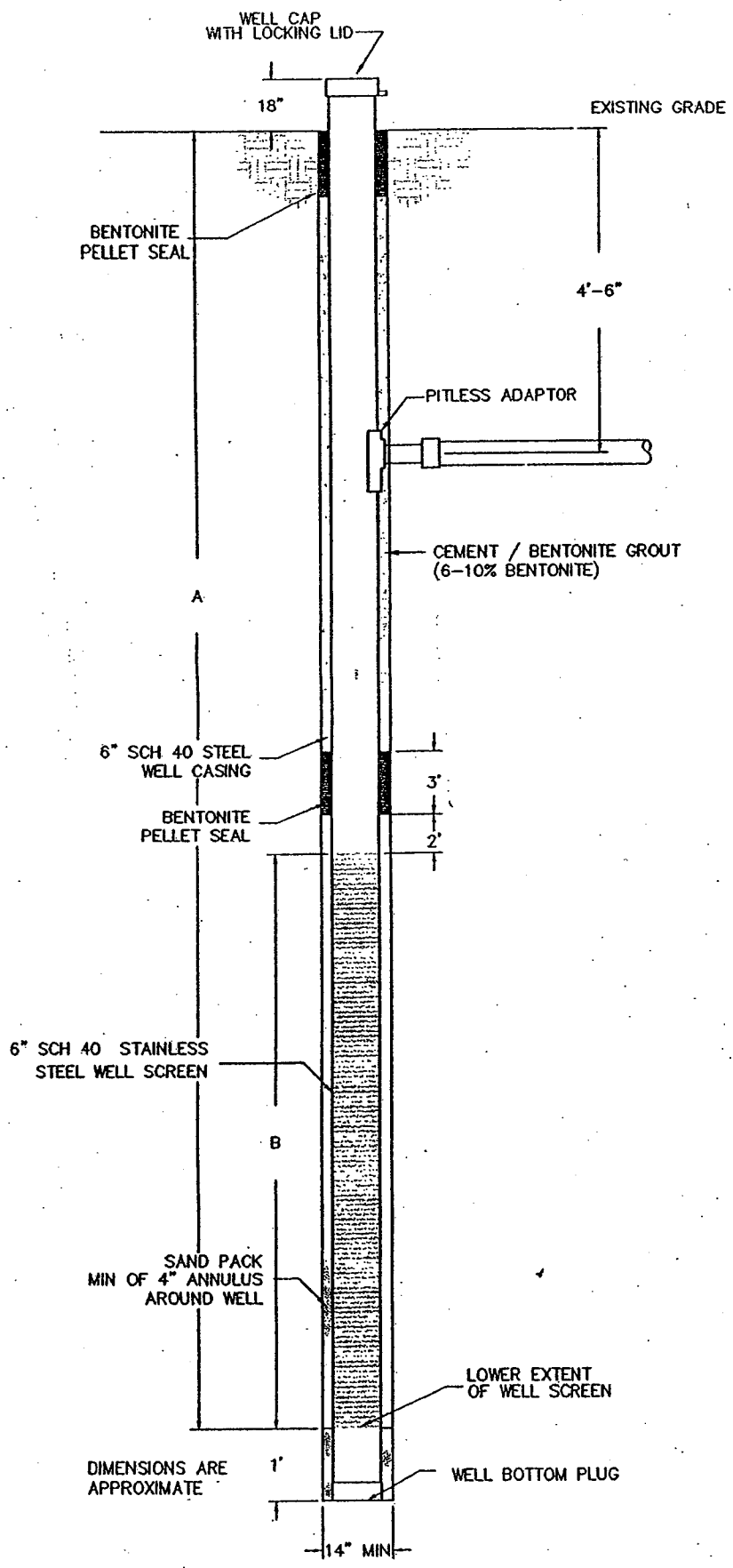


TYPICAL PUMP INSTALLATION

DETAIL

SCALE: N.T.S.

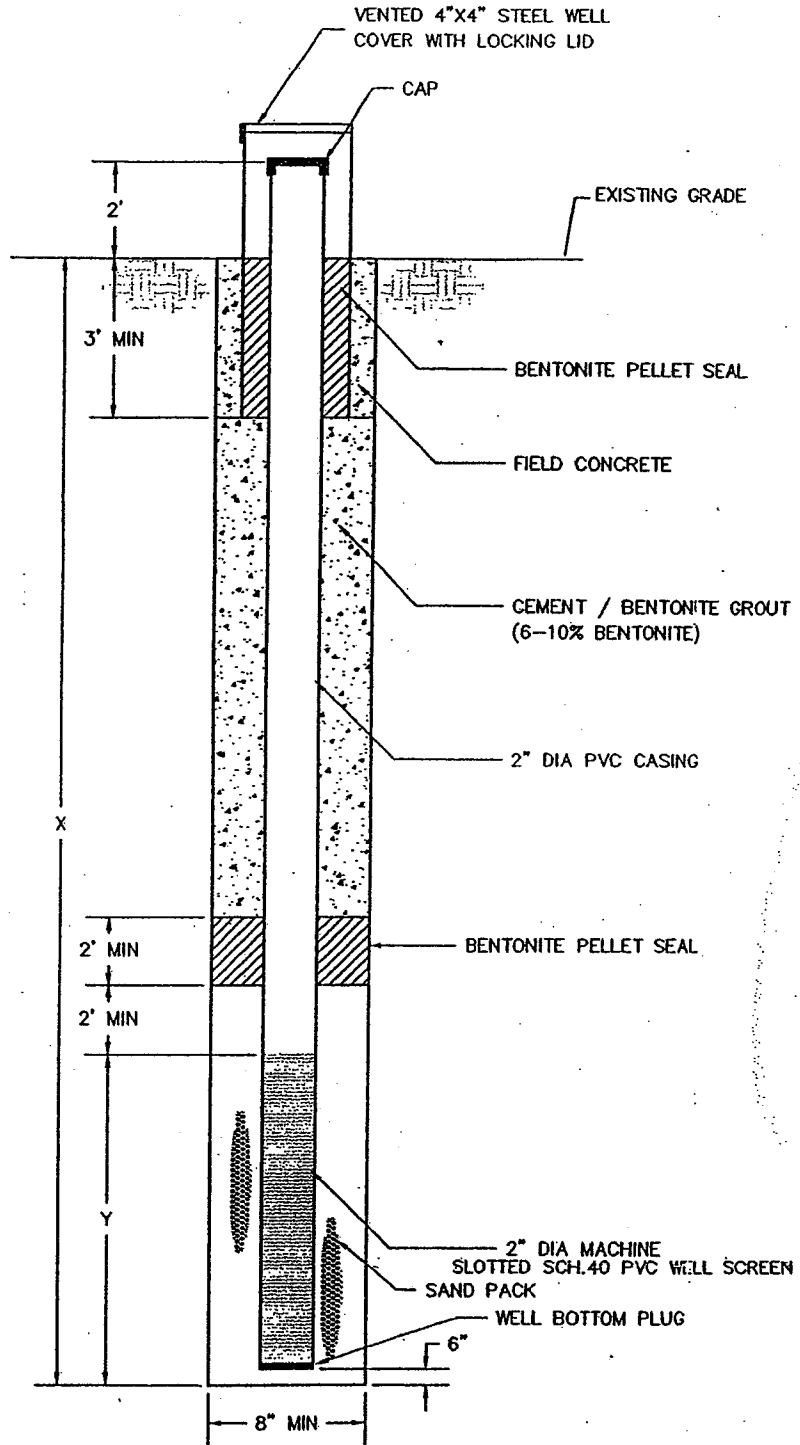




TYPICAL PUMPING WELL

DETAIL  
SCALE: N.T.S.

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TYPICAL PIEZOMETER WELL

**DETAIL**  
 SCALE: N.T.S.

