C & H HOG FARMS
GESTATION-FARROWING FARM
AS BUILT ENGINEERING PLAN SHEETS

SECTION 26, T 15 N, R 20 W
NEWTON COUNTY, ARKANSAS

DATE: APRIL 12, 2013

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SHEET 7 – WASTE STORAGE POND FINAL DESIGN
SHEET 8 – PROPOSED SITE PLAN CROSS SECTION
SHEET 10 – WASTE STORAGE POND & BARN CROSS SECTIONS
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SHEET 13 – POND INLET & MAXIMUM BERM DETAILS
SHEET 14 – WASTE STORAGE POND 1 STAGE STORAGE TABLE
SHEET 15 – WASTE STORAGE POND 2 STAGE STORAGE TABLE
BARN CROSS SECTION

WASTE STORAGE POND 1 CROSS SECTION

The drawing is believed to be correct to the best of the professional's knowledge but it cannot be guaranteed accurate.
WASTE STORAGE POND 1 & 2 CROSS SECTION

The drawing is believed to be correct to the best of the professional's knowledge but it cannot be guaranteed accurate.
PICTURE NOT CONSTRUCTED

PIPE INLET DETAILS

SCALE: 1" = 10'

The drawing is believed to be correct to the best of the professional's knowledge but it cannot be guaranteed accurate.

TYPICAL HOLDING POND MAXIMUM BERM DETAIL

NOT TO SCALE

DIFFERENT MATERIAL MIXTURES ARE RECOMMENDED DEPENDING ON SITE.

15" DIA. PVC SDR 35 PIPE

4" THICK CONCRETE

6" X 6" CURB

OUTLET EL. 899.8

EXISTING GROUND

CREST EL. 906.8

WASTE STORAGE POND 1
BOTTOM EL. 900.8

BOTTOM OF TEE FILLED WITH CONCRETE

INVERT EL. 900.8

TOP OF BERM EL. 912.0

CONTROL SECTION EL. 910.4

15" DIA. RISER (8) 1" X 4" DIA. BOLTS PER LINEAR FOOT

GATE VALVE

15:1 OUTSIDE SLOPE

5% OVERFILL

EXISTING GROUND

ZONE 2

ZONE 1

ZONE 2

ZONE 1

1:1 INSIDE SLOPE

EXCAVATE KEYWAY TO ENGINEER'S RECOMMENDED DEPTH (TYPICALLY 1/3 OF BERM HEIGHT BUT NOT LESS THAN 1' BELOW STRIPPED GROUND)

NOTE: UTILIZE BEST MATERIAL FOR CONSTRUCTION IN ZONE 1.

STRIP A MIN. OF 4-6" PRIOR TO PLACEMENT OF EARTHFILL

10.0'

1.0'

5.0'

14.0'
The drawing is believed to be correct to the best of the professional’s knowledge but it cannot be guaranteed accurate.

### Waste Storage Pond 1 Stage Storage Table

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25 Year-24 Hour Stage/Overflow El.

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Sludge El.

### WASTE STORAGE POND 1

- **Top El. 912.0**
- **Freeboard El. 911.0**
- **Liner Material**
- **In Situ Material**
- **Pipe Concreted in 1 Tire**
- **One Foot Increments Painted with a Mark and Number with Blue Marine Paint**
- **Large Stainless Steel Clamp Around Post**
- **4" x 4" CCA Treated Post 10.7" in Length**

**DATE:** MAY 30, 2012  
**SCALE:** 1" = 4'  
**DRAWN BY:**  
**C & H HOG FARMS**  
**GESTATION-PARROWING FARM**  
**SECTION 26, T 15 N, R 20 W**  
**NEWTON COUNTY, AR**  
**WASTE STORAGE POND 1**  
**STAGE STORAGE TABLE**

FILE NAME: 01 PROJECT PLANS/4300/1400/STORAGE/PLAN14

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Consulting Engineers  
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(802) 663-1116, FAX: (707) 667-1556  
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Amy,

Please add this to zylab and the web. Permit No. ARG590001.

Thanks,

Stephen