

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Hildebrandt Farms)	
(Property Identification Number)	PCB 18-
01-04-300-008))	(Tax Certification)
)	
)	

NOTICE

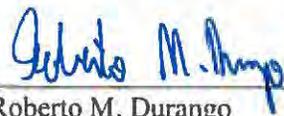
Steve Santarelli
Illinois Department of Revenue
101 West Jefferson
Post Office Box 19033
Springfield, Illinois 62794

Don Brown, Clerk
Illinois Pollution Control Board
James R. Thompson Center
100 West Randolph Street, Suite 11-500
Chicago, Illinois 60601

Hildebrandt Farms, LLC
Attn: Ken and Don Hildebrandt
2587 East State Line Road
South Beloit, Illinois 61080

PLEASE TAKE NOTICE that I have today filed with the Office of the Clerk of the Pollution Control Board the **APPEARANCE** and **RECOMMENDATION OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**, a copy of which is herewith served upon you.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: 
Roberto M. Durango
Assistant Counsel
Division of Legal Counsel

DATED: October 25, 2017

Illinois Environmental Protection Agency
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
(217) 782-5544

THIS FILING IS SUBMITTED ON RECYCLED PAPER

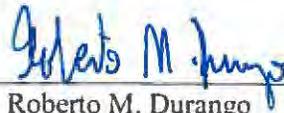
BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Hildebrandt Farms)	
(Property Identification Number)	PCB 18-
01-04-300-008))	(Tax Certification)
)	

APPEARANCE

The undersigned, as one of its attorneys, hereby enters an APPEARANCE on behalf of Respondent, Illinois Environmental Protection Agency.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: 

Roberto M. Durango
Assistant Counsel
Division of Legal Counsel

DATED: October 25, 2017

Illinois Environmental Protection Agency
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
(217) 782-5544

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BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Hildebrandt Farms)	
(Property Identification Number)	PCB 18-
01-04-300-008))	(Tax Certification)
)	
)	

RECOMMENDATION OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

The Illinois Environmental Protection Agency (Illinois EPA) hereby files its Recommendation pursuant to Section 125.204(a) of the regulations of the Illinois Pollution Control Board (the Board), 35 Ill. Adm. Code 125.204(a).

1. On January 31, 2017, the Illinois EPA received a request from Hildebrandt Farms (log number TC-137483, Exhibit A) for an Illinois EPA recommendation regarding the tax certification of water pollution control facilities pursuant to Section 125.204(a) of the Board's regulations, 35 Ill. Adm. Code 125.204(a).

2. The facility's address is: **Hildebrandt Farms
2587 East State Line Road
South Beloit, IL 61080**

3. The proposed water pollution control facilities in this request are located at Section 4, T46N, R3E of the 3rd P.M. in Boone County, at the above street address and consist of the following:

Livestock waste management facilities consisting of: a concrete waste holding basin #1 (approximately 90.21 ft. x 135.4 ft. x 8.5 ft. deep); a concrete waste settling basin (approximately 30 ft. x 10 ft. x 3 ft. deep); a concrete reception pit (approximately 12 ft. x 33.67 ft. x 10 ft.); a solid separator room (approximately 40 ft. x 46 ft.); and waste holding basin #2 (approximately 450 ft. x 175 ft. x 14 ft. deep), including its associated synthetic membrane liner, three concrete sump pits; and concrete agitation pads.

4. These livestock waste management facilities are used to collect, transport and/or store livestock wastes prior to cropland application, and are further described in Exhibit A.
5. Section 11-10 of the Property Tax Code, 35 ILCS 200/11-10 (2014), and Section 125.200(a)(1) of the Board's regulations, 35 Ill. Adm. Code 125.200(a)(1), define pollution control facilities as:

[A]ny system, method, construction, device or appliance appurtenant thereto or any portion of any building or equipment, that is designed, constructed, installed or operated for the primary purpose of: eliminating, preventing, or reducing air or water pollution, as the terms air pollution and water pollution are defined in the Act; or treating, pretreating, modifying or disposing of any potential solid, liquid or gaseous pollutant which if released without treatment, pretreatment, modification or disposal might be harmful, detrimental or offensive to human, plant or animal life, or to property.
6. If it is found that the claimed facility or relevant portion thereof is a pollution control facility as defined in Section 125.200(a)(1) of the Board's regulations, 35 Ill. Adm. Code 125.200(a)(1), the Board has the authority to enter a finding and issue a certificate to that effect, pursuant to Section 11-20 of the Property Tax Code, 35 ILCS 200/11-20 (2014) and Section 125.216 of the Board's regulations, 35 Ill. Adm. Code 125.216.
7. Pursuant to Section 125.204(a) of the Board's regulations, 35 Ill. Adm. Code 125.204(a), if the Illinois EPA receives a tax certification application it must file a recommendation on the application with the Board.
8. Based on the information in the application and the purpose of the facilities, it is the Illinois EPA's engineering judgment that the described facilities may be considered pollution control facilities, with the primary purpose of eliminating,

preventing, or reducing water pollution, or as otherwise provided in Section 125.200(a)(1) of the Board's regulations, 35 Ill. Adm. Code 125.200(a)(1), and are eligible for tax certification from the Board.

WHEREFORE, the Illinois EPA recommends that the Board issue the requested tax certification.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: 
Roberto M. Durango
Assistant Counsel
Division of Legal Counsel

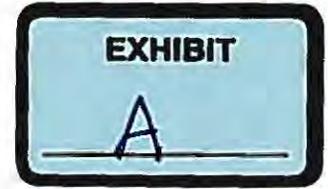
Dated: October 25, 2017
Illinois Environmental Protection Agency
1021 North Grand Ave. E.
P.O. Box 19276
Springfield, Illinois 62794-9276
(217) 782-5544



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397
BRUCE RAUNER, GOVERNOR ALEC MESSINA, DIRECTOR

Memorandum



To: Charles Gunnarson, Division of Legal Counsel

From: Al Keller, Manager, Permit Section *AK*

Date: October 11, 2017

Re: Hildebrandt Farms
Attn: Ken & Don Hildebrandt
2587 East State Line Road
South Beloit, IL 61080
Recommendation of Tax Certification
Log # TC-137483
Property ID # 01-04-300-008

The Bureau of Water received a request on January 31, 2017 from Hildebrandt Farms for an Illinois EPA recommendation regarding the tax certification of water pollution control facilities pursuant to 35 Ill. Adm. Code 125.204. We offer the following recommendation.

The water pollution control facilities in this request include the following:

Hildebrandt Farms
2587 East State Line Road
South Beloit, IL 61080

Section 4, T46N, R3E of the 3rd PM in Boone County

Livestock waste management facilities consist of concrete waste holding basin #1 (approximately 90.21 ft. x 135.4 ft. x 8.5 ft. deep), a concrete waste settling basin (approximately 30 ft. x 10 ft. x 3 ft. deep), a concrete reception pit (approximately 12 ft. x 33.67 ft. x 10 ft. deep), a solid separator room (approximately 40 ft. x 46 ft.) and waste holding basin #2 including the associated membrane liner, three concrete sump pits and concrete agitation pads (approximately 450 ft. x 175 ft. x 14 ft. deep). These livestock waste management facilities are used to collect, transport, and/or store livestock waste prior to cropland application.

These facilities are further described in the enclosed applications and supporting documents.

Based on the information included in this submittal, it is our engineering judgment that the above proposed facilities may be considered "Pollution Control Facilities" under 35 IAC 125.200(a), with the primary purpose of eliminating, preventing, or reducing water pollution, or as otherwise provided in this section, and therefore eligible for tax certification from the Illinois Pollution Control Board. The Bureau of Water therefore recommends that the Board issue the requested tax certification for these facilities.

If you have any questions regarding the above, please contact Jenny Larsen at 217/782-0610.

SAK:JML:Tax Certs\Livestock\TC-137483.docx

Watershed Unit Tax Certification Review Sheet

Project Name: Hildebrandt Farms

Location: South Beloit, IL

Reviewer: Jenny Larsen

Date: 03/09/2017

Log number: TC-137483

Type: Agchem
 Livestock

Applicant:

Ken & Don Hildebrandt
2587 East State Line Road
South Beloit, IL 61080

Contact: Matthew L. Wagner

Phone: (815)275-7642

Facility:

2587 E State Line Road
South Beloit, IL 61080

Property ID: 01-04-300-008

County: Boone

Legal Description:

S: 4 T: 46N R: 3E PM: 3^d

Signature: Ken Hildebrandt

Title: Owner

Date Control Devices installed: varies

Wastes:

Livestock waste is applied to cropland.

Agrichemical rinsate and spillage is recycled through the facility and/or land applied.

Other: _____

Physical Description of Pollution Control Devices:

This facility consists of a concrete waste holding basin #1 also referred to as Weiser waste holding basin (90.21 ft. x 135.4 ft. x 8.5 ft. (see application submitted 01/31/2017)) and concrete waste settling basin (30 ft. x 10 ft. x 3 ft. (see application submitted 01/31/2017)) which are shown on Liquid and Solid Waste: Flow Diagram FS Barn #2 and Settling Basin. The manure from these structures is either land applied to fields or pumped to existing slurrystone.

The facility also consists of a concrete reception pit (12 ft. x 33.67 ft. x 10 ft. (see application submitted 01/31/2017)), a solid separator room (40 ft. x 46 ft. (see application submitted 01/31/2017)), and waste holding basin #2 (450 ft. x 175 ft. x 14 ft. (see application submitted 01/31/2017)) with a synthetic membrane liner. These structures are shown on Liquid and Solid Waste: Flow Diagram. The manure from these structures is either land applied to fields or used to make bedding and moved into freestalls. The primary purpose of the solid separator room is to separate manure and contain waste.

2/23/2017 – Spoke with Matt Wagner about submitted facility plans. He says that the applicant does not want any drain tiles, inspection ports, or PVC piping to be certified as pollution controls.

3/3/2017 – Received an email from Matt Wagner indicating that entire waste holding basin #2 should be certified as a pollution control and not just the liner because the liner would fail if the basin was

not in place and constructed to appropriate standards.

6/16/2017 – Received an email from Matt Wagner indicating that the facility does not wish to certify PVC piping, perimeter tile drain, inspection port, septic tanks, piping and pumps associated with manure transport, and the flush flume.

The primary purpose for these structures is to contain livestock waste thereby preventing contaminated water runoff. Recommended Action: Permit the above mentioned structures.

Larsen, Jenny

From: Matt Wagner <wagnerconsultag@mediacombb.net>
Sent: Friday, June 16, 2017 9:32 AM
To: Larsen, Jenny
Subject: [External] Hildebrandt tax certification
Attachments: UPDATED FS BARN MAP.pdf

Good morning Jenny,

On behalf of Hildebrandt farms, please find an updated liquid flow diagram for the FS Barn #2 and settling basin. Also the facility does not wish to certify the following items.

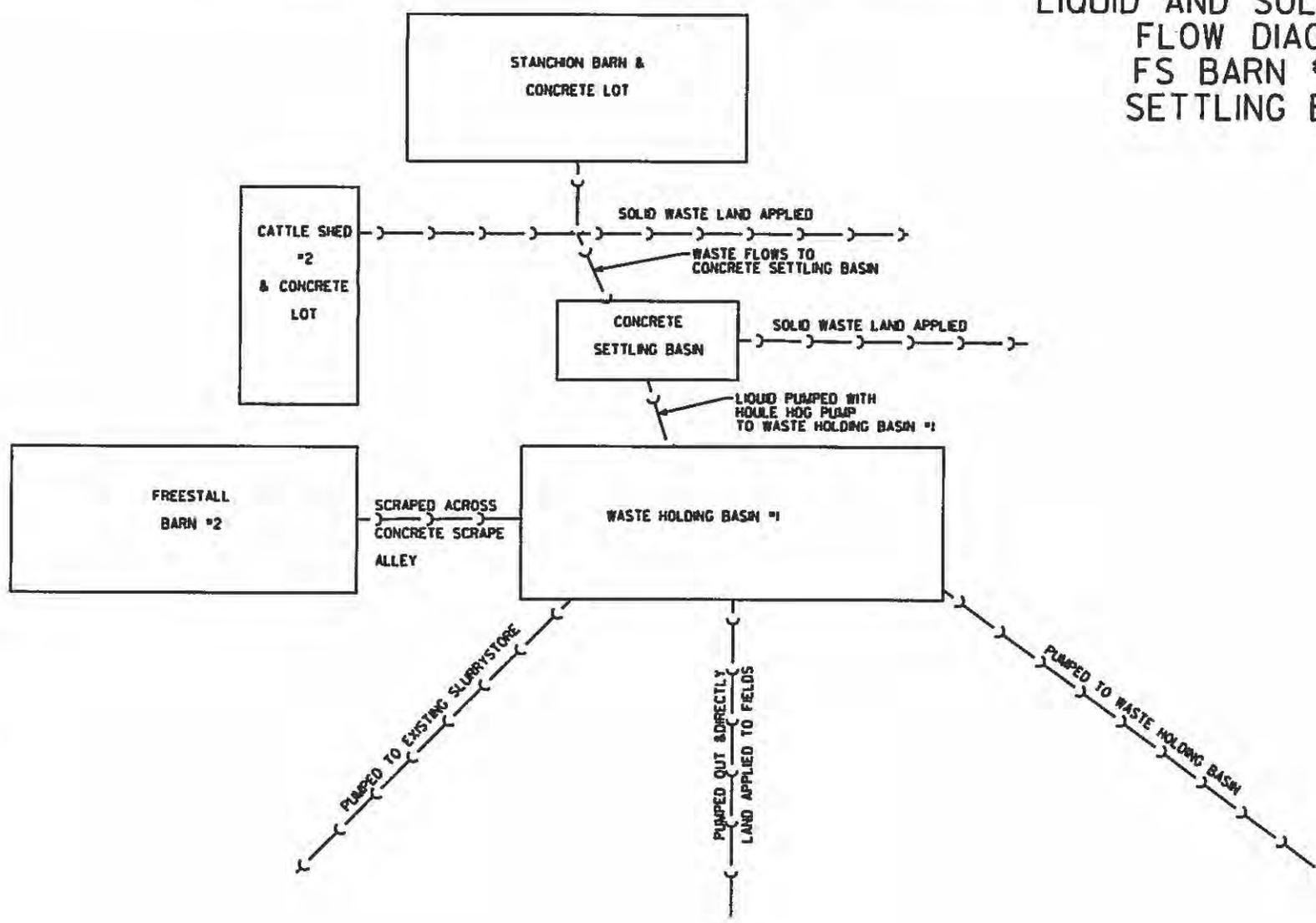
- Any PVC piping
- The perimeter drain tile
- The perimeter drain tile and monitoring port.
- Septic tanks
- All piping and pumps associated with manure transfer.
- The flush flume

If you need any more information, please let me know.

Matthew Wagner, P.E.
Wagner Consulting & Agriculture, LLC.
709 West Oak Street
Lena, Illinois 61048
wagnerconsultag@mediacombb.net
Phone: 815-275-7642

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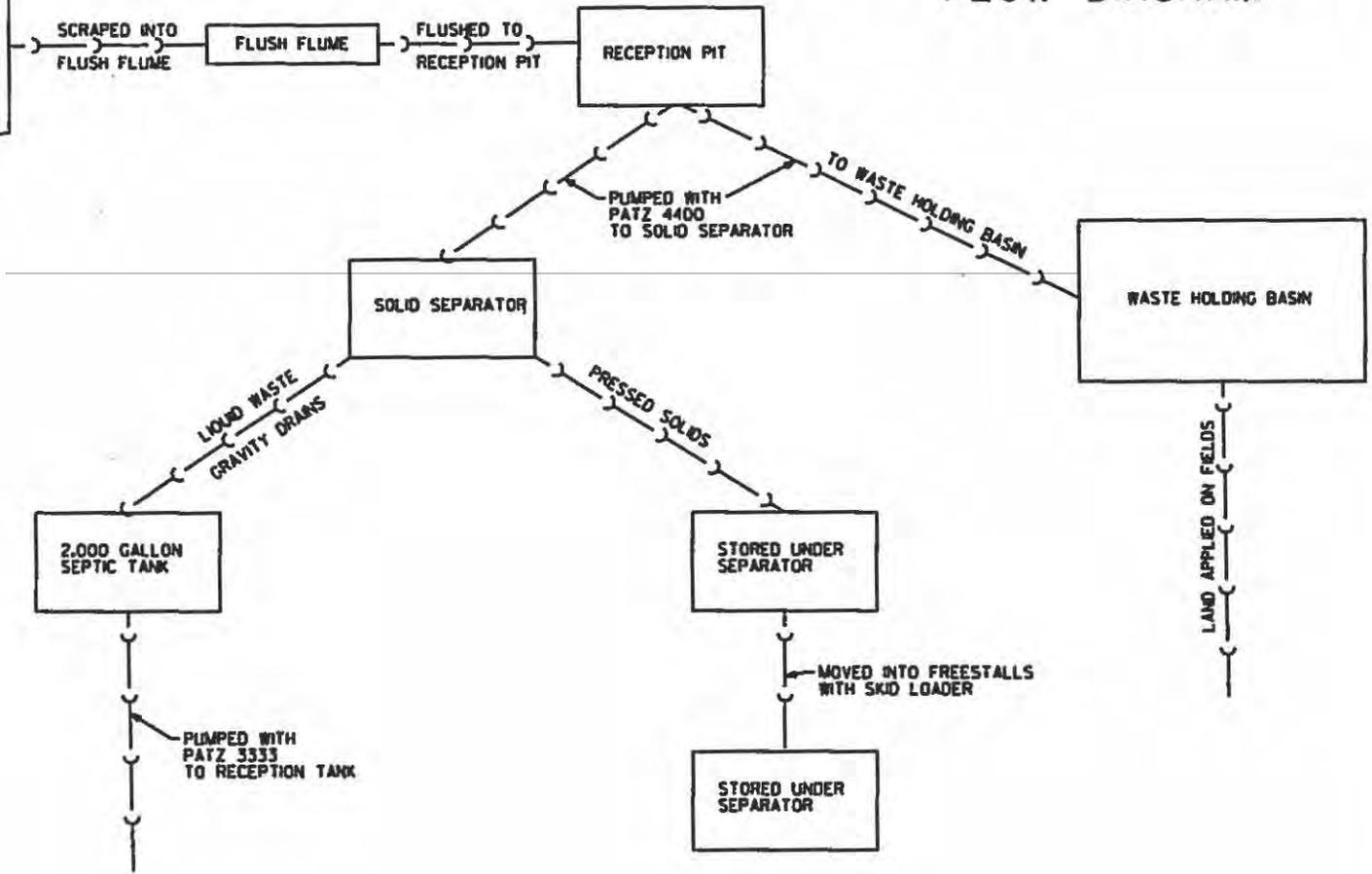
LIQUID AND SOLID WASTE: FLOW DIAGRAM FS BARN #2 & SETTLING BASIN



Electronic Filing: Received, Clerk's Office 10/25/2017 * * PCB 2018-020 * *

WCA
 BACHER CONSULTING & AGRICULTURE
 100 WEST 64th STREET
 LEOLA, ILLINOIS, 62448
 618-275-7847
 BACHERCONSULT@GMAIL.COM

LIQUID AND SOLID WASTE: FLOW DIAGRAM



WCA
WAGNER CONSULTING & AGRICULTURE
108 WEST OAK STREET
LENA, ILLINOIS 60440
815-275-7542
WAGNERCONSULTING@GMAIL.COM

Larsen, Jenny

From: Matt Wagner <wagnerconsultag@mediacombb.net>
Sent: Friday, March 03, 2017 4:49 PM
To: Larsen, Jenny
Cc: 'Amy Hildebrandt'
Subject: [External] Hildebrandt farms
Attachments: FLOW DIAGRAM.pdf

Good afternoon Jenny,

I apologize that it took so long to get back to you in regards to the questions that you had for the tax certification for Hildebrandt farms. I have attached a copy of the flow diagram that you requested for the facilities at Hildebrandt farms. Also we do not wish to certify any additional items that you mentioned could potentially be certified.

Lastly I guess I wanted to give a little clarification in regards to the liner and the waste holding basin. The material that is underneath in and with the liner make the pollution control device not just the liner. The material that is under the liner can not have angular material that is greater than 3/8" in size. Also the material has to be compacted to 90 to 95% of the standard proctor. If the appropriate substrate or subbase of soil is not installed, the liner would rip and have an immediate failure, so in my opinion the complete waste holding basin should be certified not just the liner as the liner is just a component of the waste holding basin that is functioning together as the pollution control device. I am trying to get some of the soil testing data. If you need that or more documentation on this matter, please let me know.

Matthew Wagner, P.E.
Wagner Consulting & Agriculture, LLC.
709 West Oak Street
Lena, Illinois 61048
wagnerconsultag@mediacombb.net
Phone: 815-275-7642

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PC-137483

APPLICATION FOR CERTIFICATION (PROPERTY TAX TREATMENT)
 POLLUTION CONTROL FACILITY
 AIR WATER

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 P. O. Box 19276, Springfield, IL 62794-9276

This Agency is authorized to request this information under Illinois Revised Statutes, 1979, Chapter, 120, Section 502a-5. Disclosure of this information is voluntary. However, failure to comply could prevent your application from being processed or could result in denial of your application for certification.

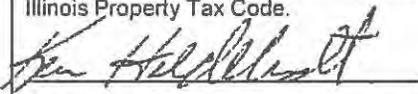
FOR AGENCY USE					
File No.	Date Received	Certification No.	Date		
APPLICANT	Sec. A Company Name Hildebrandt Farms				
	Person Authorized to Receive Certification Ken & Don Hildebrandt		Person to Contact for Additional Details Matthew L. Wagner		
	Street Address 2587 East State Line Road		Street Address 709 West Oak Street		
	Municipality, State & Zip Code South Beloit, Illinois 61080		Municipality, State & Zip Code Lena, Illinois 61048		
	Telephone Number (815) 703-3765		Telephone Number (815) 275-7642		
	Location of Facility	Quarter Section	Township	Range	Municipality
		SE, SW	Manche	3-E	South Beloit
	Street Address	Township		County	Book Number
		2587 East State Line Road		Boone	
	Property Identification Number	Parcel Number			
	0104300008				
MANUFACTURING OPERATIONS	Sec. B Nature of Operations Conducted at the Above Location Dairy operation: Milking dairy cows, raising young stock				
	Water Pollution Control Construction Permit No. N/A		Date Issued		
	NPDES PERMIT No. N/A		Date Issued	Expiration Date	
	Air Pollution Control Construction Permit No. N/A		Date Issued		
	Air Pollution Control Operating Permit No. N/A		Date Issued		
MANUFACTURING PROCESS	Sec. C Describe Unit Process				
	Materials Used in Process				
POLLUTION CONTROL FACILITY DESCRIPTION	Sec. D Describe Pollution Abatement Control Facility				
Waste Holding Basin #1 - 90' 2.5" x 135' 4.75" x 8'6"					
Concrete Settling Basin - 30' x 10' x 3'					
Waste Holding Basin #2 - 450' x 175' x 14'					
Solid Separator Room - 40' x 46'					
Reception Pit - 12' x 33'8" x 10' (See attached pollution abatement control facility description.)					

JAN 31 2017
 BOWWRT
 101 5001009

Description of Pollution Abatement Control Facility

The completed pollution abatement control facility is used to handle waste for this facility. There are a couple of items that were completed in 2014 that the facility near submitted thru the tax certification program that the facility would like to submit first. These two items include the concrete waste holding basin. The concrete waste holding basin is a Weiser waste holding basin that is located to the south of the existing freestall barn #2 that has a size of 90'2.5" x 135'4.75" x 8'6" with vertical tip up walls also as part of that project a small concrete settling basin was constructed to the south of the stanchion barn and to the east of the cattle shed. The concrete settling basin has a size of 30' x 10' x 3'.

This brings us to the current projects were constructed this year. All of these items are associated with a new 8 row freestall barn, holding area, and milking parlor that are being constructed at the same facility. First on the west end of the barn a flush flume is located that will take all waste into a reception pit with a size of 12' x 33'8" x 10'. The reception pit can pump the waste stream through a manure solid separator or directly to a waste holding basin. The solid separator room is 40' x 46' and used for processing the manure as bedding. The waste holding basin is 450' x 175' x 14' top width and is constructed of a synthetic liner with concrete ramps being constructed for agitation points and scour resistance. The side slopes of the basin are constructed at a 3 to 1 slope.

Sec. E	(1) Nature of Contaminants or Pollutants Manure and waste water from existing dairy facility			
	CONTAMINANTS	Material Retained, Captured or Recovered		
		Contaminant or Pollutant	DESCRIPTION	DISPOSAL OR USE
		Manure	Solid	Reused as bedding
		Manure	Liquid	Waste Holding Basin ()
		Milkhouse waste water	Liquid	Waste Holding Basin ()
		(2) Point(s) of Waste Water Discharge N/A		
		Plans and Specifications Attached	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
		(3) Are contaminants (or residues) collected by the control facility?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	(4) Date installation completed <u>varies</u> status of installation on date of application <u>Complete</u>			
ACCOUNTING DATA	(5) a. FAIR CASH VALUE IF CONSIDERED REAL PROPERTY:	\$	<u>See attached.</u>	
	b. NET SALVAGE VALUE IF CONSIDERED REAL PROPERTY:	\$	<u>See attached</u>	
	c. PRODUCTIVE GROSS ANNUAL INCOME OF CONTROL FACILITY:	\$	<u>See attached</u>	
	d. PRODUCTIVE NET ANNUAL INCOME OF CONTROL FACILITY:	\$	<u>See attached</u>	
	e. PERCENTAGE CONTROL FACILITY BEARS TO WHOLE FACILITY VALUE:	%	<u>25</u>	
Sec. F	The following information is submitted in accordance with the Illinois Property Tax Code, as amended, and to the best of my knowledge, is true and correct. The facilities claimed herein are "pollution control facilities" as defined in Section 11-10 of the Illinois Property Tax Code.			
SIGNATURE				
	Signature	OWNER	1-10-17	
Sec. G	INSTRUCTIONS FOR COMPILING AND FILING APPLICATION			
	General: Separate applications must be completed for each control facility claimed. Do not mix types (water and air). Where both air and water operations are related, file two applications. If attachments are needed, record them consecutively on an index sheet.			
INSTRUCTIONS	Sec. A	Information refers to applicant as listed in the tax records and the person to be contacted for further details or for inspection of facilities. Define facility location by street address or legal description. A plat map location is required for facilities located outside of municipal boundaries. The property identification number is required.		
	Sec. B	Self-explanatory. Submit copies of all permits issued by local pollution control agencies. (e.g. MSD Construction Permit)		
	Sec. C	Refers to manufacturing processes or materials on which pollution control facility is used.		
	Sec. D	Narrative description of the pollution control facility, indicating that its primary purpose is to eliminate, prevent or reduce pollution. State the type of control facility. State permit number, date, and agency issuing permit. A narrative description and a process flow diagram describing the <u>pollution control facility</u> . Include a listing of each major piece of equipment included in the claimed fair cash value for real property. Include an <u>average</u> analysis of the influent and effluent of the control facility stating the collection efficiency.		
	Sec. E	List air contaminants, or water pollution substances released as effluents to the manufacturing processes. List also the final disposal of any contaminants removed from the manufacturing processes. Item (1) - Refers to pollutants and contaminants removed from the process by the pollution control facility. Item (2) - Refers to water pollution but can apply to water-carried wastes from air pollution control facilities. Submit drawings, which clearly show (a) Point(s) of discharge to receiving stream, and (b) Sewers and process piping to and from the control facility. Item (3) - If the collected contaminants are disposed of other than as wastes, state the disposition of the materials, and the value in dollars reclaimed by sale or reuse of the collected substances. State the cost of reclamation and related expense. Item (4) - State the date which the pollution control facility was first placed in service and operated. If not, explain. Item (5) - This information is essential to the certification and assessment actions. This accounting data must be completed to activate project review prior to certification by this Agency.		
	Sec. F	Self-explanatory. Signature must be a corporate authorized signature.		
	Submit to:	Attention:	Attention:	
	Illinois EPA P.O. Box 19276 Springfield, IL 62794-9276	Al Keller Permit Section Division of Water Pollution Control	Donald E. Sutton Permit Section Division of Air Pollution Control	

JAN 31 2017

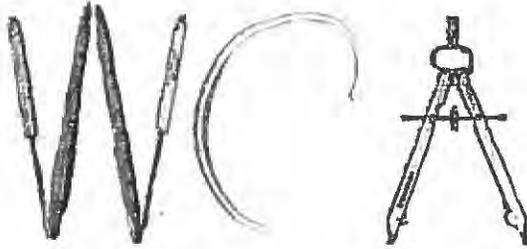
BOV... ..

	Waste Holding Basin #1	Concrete Settling Basin	Waste Holding Basin #2	Reception Pit & Solid Separator Room
(4) Date Installation Completed	11/30/2014	11/30/2014	1/1/2017	1/1/2017
Status of Installation on date of application	Complete	Complete	Complete	Complete
(5) a.) Fair cash value if considered real property	\$ 138,000	\$ 11,500	\$ 300,500	\$ 208,000
* b.) Net salvage value if considered real property	\$ 105,000	\$ 11,500	\$ 135,500	\$ 208,000
c.) Productive gross annual income of control facility	Varies			
d.) Productive net annual income of control facility	Varies			
e.) Percentage control facility bears to whole facility value	25%			

* Net salvage value is calculated as the remaining concrete for the facilities being the salvage value.



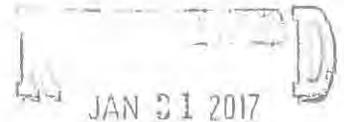
Wagner Consulting & Agriculture
 709 West Oak Street
 Lena, Illinois 61048
wagnerconsulting@mediscombb.net
 PH: 815-275-7642



Wagner Consulting & Agriculture, LLC.
709 West Oak Street
Lena, Illinois 61048
wagnerconsultag@mediacomhb.net
815-275-7642

January 26, 2017

Illinois EPA
P.O. Box 19276
Springfield, Illinois 62794-9276



BOWMAN PERMIT SECTION

Attn: Al Keller
Permit Section
Division of Water Pollution Control

Re: Tax Certification for Livestock Waste Management Facilities

To Al Keller:

On behalf of Hildebrandt Farms, we are submitting the tax certification from for livestock waste management facilities for five facilities recently constructed on the farm. The facilities consist of waste holding basin #1 being 90'2.5" x 135'4.75" x 8'6", a concrete settling basin being 30' x 10' x 3' deep, waste holding basin #2 being 450' x 175' x 14', a solid separator room being 40' x 46', and a reception being 12' x 33'8" x 10'. We have broken off items 4 and 5 of section E on another sheet to clarify the information for the five facilities that were constructed. We are including a brief narrative of the pollution control abatement facilities. We are also including a copy of the construction drawings for the project.

If you should have any questions or require additional information, please feel free to call me at 815-275-7642.

Sincerely,

WAGNER CONSULTING & AGRICULTURE, LLC.

BY Matthew Wagner
Matthew Wagner, P.E.

MW:aw

Encl.

cc: Hildebrandt farms w/ encl. ✓
File

Home » Data » Public Land Survey System (PLSS)

Public Land Survey System (PLSS)

Instructions: This web page will allow you to enter an Illinois address and determine its legal description to the section level-of-detail. The Public Land Survey System (PLSS) is used in legal descriptions and employs a grid system described in terms of numbered townships, ranges, and sections. Please follow the instructions below. **Note:** If the Google Maps application below is not displayed, make sure to enable Javascript on your Internet browser.

1. Enter your address in the box below and click "Search Address." Address location is provided by Google geolocation service.
2. Please check that location is accurate. If not, see step 4.
3. An information window will appear listing the County, Township, Range, and Section for the marker location. Also listed is the Principal Meridian from which that area was surveyed, USGS 7.5-minute Quadrangle name, Civil Township or Precinct name, and Latitude/Longitude coordinates.
4. If you would like to move the marker due to an incorrect geolocation, first close the information window by clicking on the "X" in the top right corner, then drag the marker to a new location. A new information window will appear with the new location information.

2587 East State Line Road South Beloit IL

Search Address

Refresh Page

County	Range	Section	Meridian	Quadrangle	
Boone	46N	3E	4	3	Belvidere NW

Township/Precinct	Manchester Township
-------------------	---------------------

Lat	42.4940484	Long	-88.8897602
-----	------------	------	-------------

World Geodetic System of 1984 (WGS84)

This location is within 200 feet of a section line and within 200 feet of a civil township boundary.
Please verify using a topographic map, plat map, or other means.

Legend	
	Counties
	Townships
	Sections

Google

Illinois State Geological Survey PLSS data ©2013 ISGS

Map | Report a map error

ISGS PLSS Data Explanation

The data set within the Google Maps viewer contains Illinois Public Land Survey System (PLSS) boundaries.

Electronic Filing: Received, Clerk's Office 10/25/2017 ** PCB 2018-020

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PROCESSING ROOM WALLS FOR PRESSED SOLIDS	13
CROSS SECTION OF AGITATION PAD	14
RECEPTION PIT DRAWINGS	SI-54

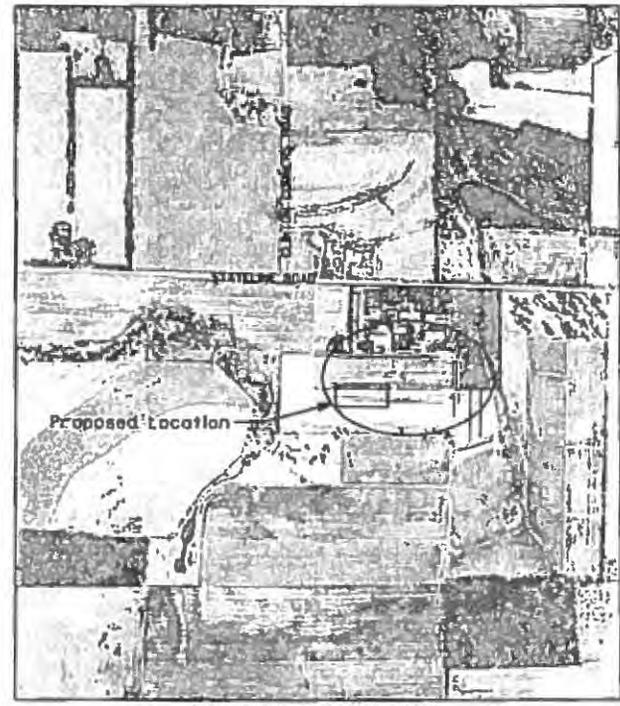


5-16-16
Lic Exp 11/30/17

LEGEND

	EDGE OF BUILDING
	PROPOSED GRAVEL ROADWAY
	PERIMETER DRAIN TILE
	ROADWAY CENTERLINE
	EXISTING TRANSFER PIPE
	PROPOSED TRANSFER PIPE

**PROPOSED DAIRY EXPANSION INCLUDING FREESTALL BARN,
MILKING PARLOR, SOLID SEPARATION ROOM, AND
SYNTHETIC LINED WASTE HOLDING BASIN
2587 EAST STATELINE ROAD
HILDEBRANDT FARMS
SOUTH BELOIT, ILLINOIS**



PROJECT LOCATION MAP

GENERAL NOTES

ALL WORK PERFORMED BY THE CONTRACTOR SHALL BE GUARANTEED BY THE CONTRACTOR FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE OF THE WORK. THIS GUARANTEE SHALL INCLUDE ALL DEFECTS IN MATERIALS AND WORKMANSHIP.

THE CONTRACTOR, BY AGREEING TO PERFORM THE WORK, AGREES TO INDEMNIFY AND HOLD HARMLESS THE OWNER, ENGINEER, ALL AGENTS AND ASSIGNS OF THOSE PARTIES, FROM ALL SUITS, ACTIONS AND LAWSUITS, DAMAGES AND COSTS OF SUIT, WORKERS COMPENSATION AND FUTURE DAMAGES (IF APPLICABLE) OR OTHERS FOR ALL LEGAL FEES ARISING OUT OF THE PERFORMANCE OF THIS PROJECT.

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST ASSESSMENTS AND GRADES SHOWN ON THE "APPROVED" ENGINEERING PLANS. THE FULL RESPONSIBILITY FOR KEEPING RECORDS AND GRADES SHALL REST UPON THE CONTRACTOR.

ALL FIELD TILES ENCOUNTERED DURING CONSTRUCTION SHALL BE RECORDED SHOWING SIZE, LOCATION, AND DEPTH BY CONTRACTOR AND SHALL BE RECONNECTED OR RELOCATED. THE OWNER SHALL BE NOTIFIED IMMEDIATELY.

IF ANY FIELD TILES ARE FOUND TO BE INCAPABLE AS PART OF THE CONSTRUCTION OF THE DRAINAGE, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A PERMIT TO DISCHARGE TO GENERAL PERMIT TO DISCHARGE FROM WATER ASSOCIATED WITH CONSTRUCTION SITE ACTIVITIES THROUGH THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY. ALSO AS PART OF THIS REQUIREMENT, THE CONTRACTOR SHALL DEVELOP AND SUBMIT A STORM WATER POLLUTION PREVENTION PLAN.

ALL DRAINAGE STRUCTURES, DUCTS, PIPES, AND ADJACENT ROADWAYS SHALL BE KEPT FREE AND OPEN OF DIRT AND DEBRIS AT ALL TIMES. THE CONTRACTOR SHALL NOT SPILL AND LEAVE DIRT ON ADJACENT PAVEMENTS IF DIRT IS DEPOSITED ON ADJACENT PAVEMENTS, REMOVE THE DIRT AND CLEAN THE PAVEMENTS AT THE END OF EACH CONSTRUCTION DAY.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE AT THE END OF EACH WORKING DAY. EXCESS EXCAVATED MATERIAL SHALL BE RESPAVED THRU THE SITE AREA OR BE REGRADED AND RESEDED.

THE SUBGRADE OF THE PAVEMENT AND BUILDING AREA SHALL BE FREE OF UNWARRANTED MATERIAL AND BE COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MODIFIED PROCTOR. SOIL BEARING CAPACITY FOR THE PROPOSED BUILDING EXISTENCE IS REQUIRED TO BE A MINIMUM OF 3,200 PSF. ANY ADDITIONAL EXCAVATION TO REVEAL UNSUITABLE MATERIALS FROM THESE AREAS AND UNUSUAL MATERIALS REQUIRED TO BRING TO THE APPROPRIATE GRADES SHALL BE INCIDENTAL TO THE PROJECT.

PROPERTY CORNERS THAT ARE ENCOUNTERED SHALL BE PROTECTED UNTIL THEY HAVE BEEN REIFIED BY A PROFESSIONAL LAND SURVEYOR.

THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF ALL BENCHMARKS PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

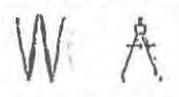
ELEVATIONS SHOWN ON THE PLANS REFERENCE U.S.C.S. DATUM.

THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY EXISTING UTILITIES PRIOR TO EXCAVATION AND SHALL MARK THEM AS NECESSARY. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND OBTAINING LOCATION OF EXISTING UTILITIES.

THIS IS TO CERTIFY THAT THE DESIGN OF THE BUILDING COLUMN THRU THE 2" SLAB SHALL AS SHOWN ON DETAIL 3/7 & 2/3 IS SUCH THAT THE GRADE OF MODIFICATIONS IS AT LEAST AS PROTECTIVE OF THE GROUNDWATER SURFACE WATER AND THE STRUCTURAL INTEGRITY OF THE LIFESPOUR WASTE MANAGEMENT FACILITY AS THE STATED REQUIREMENTS OF THE LIFESPOUR MANAGEMENT FACILITIES ACT AND THE HIGHEST PLAN SERVICE (ADDITIONAL CONCRETE MAPPING STORAGE) HANDBOOK.

Matthew Wagner 5-16-16
MATTHEW L. WAGNER, P.E.

REVISIONS				DATE	BY	REMARKS
NO.	DATE	BY				

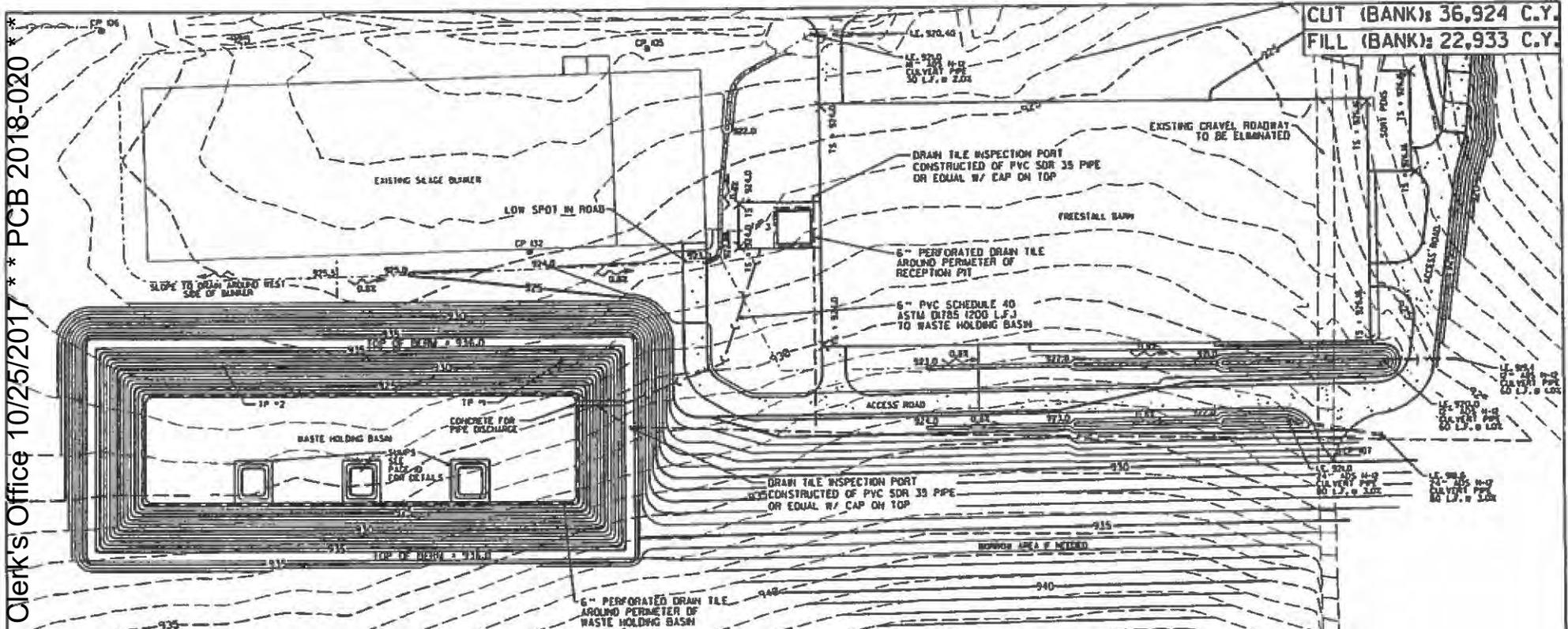


WAGNER CONSULTING & AGRICULTURE
109 WEST OAK STREET
LENA, ILLINOIS 61018
815-275-7642
WAGNERCONSULTAGRI@AOL.COM

CONTACT JULIE AT 811 OR 800 852 0123
www.811.org
7th Floor
County
Capitol
Julie
811 & 800
210-852-0123

<p style="text-align: center;">HILDEBRANDT FARMS 2587 EAST STATELINE ROAD SOUTH BELOIT, ILLINOIS 61080</p>		PROJECT NO.	18W15
		DATE	3/05/16
<p style="text-align: center;">COVER SHEET AND LOCATION MAP</p>		SHEET NO.	1
		OF (TOTAL) SHEETS	15

Electronic Filing: Received, Clerk's Office 10/25/2017 * * PCB 2018-020



CUT (BANK): 36,924 C.Y.
 FILL (BANK): 22,933 C.Y.

BENCHMARKS:
 CP#107, 5/8" IP
 SE OF FREESTALL BARN NORTH
 OF OLD OAK TREE
 ELEV. 933.37

CP #109, 5/8" IP WEST OF
 PROPOSED FREESTALL BARN
 ELEV. 922.14

CP #106, 5/8" IP @ EAST
 CORNER OF EXISTING FENCE
 LINE
 ELEV. 928.72

CP #108 CHSELED "X" ON
 SOUTH WALL OF DRY STACK
 LOT
 EL. 923.09

SPECIFICATIONS

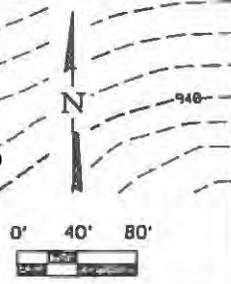
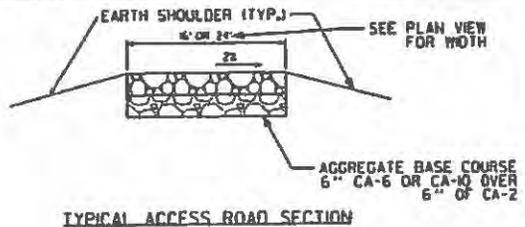
6" PERFORATED DRAIN TILE

1. PERFORATED DRAIN TILE SHALL BE 6" DIAMETER, HAVE 1/2" DIAMETER OPENINGS AND CONFORMING TO AASHTO M-294 AND M-252 AND ASTM F-405 AND F-667.

2. GRANULAR BACKFILL SHALL BE USED AROUND DRAIN TILE.

6" SOLID WALL DRAIN TILE

1. SOLID WALL DRAIN TILE SHALL BE 6" DIAMETER, CONFORM TO AASHTO M-294 AND M-252 AND ASTM F-405 AND F-667.



REVISIONS		DATE	BY	REMARKS

DRAWN
 M.L.W.

CHECKED
 W

A.A.W.

APPROVED

M.L.W.

WAGNER CONSULTING & AGRICULTURE
 709 WEST OAK STREET
 FARM, ILLINOIS, 61045
 815-273-7642
 WAGNER CONSULTING AND AGRICULTURE

CONTACT JULIE AT 811 OR 600 832 0173
 With the following:

City/County
 Sec & 1/4 Sec 10
 1/4 NW 1/4 of Section 10, Township 24N, Range 10E, G1

HILDEBRANDT FARM
 2587 EAST STATELINE ROAD
 SOUTH BELOIT, ILLINOIS 61080

SOUTHERN CIVIL SITE PLAN

PROJECT NO.
 18W15

DATE
 5.05.16

SHEET NO.
 2

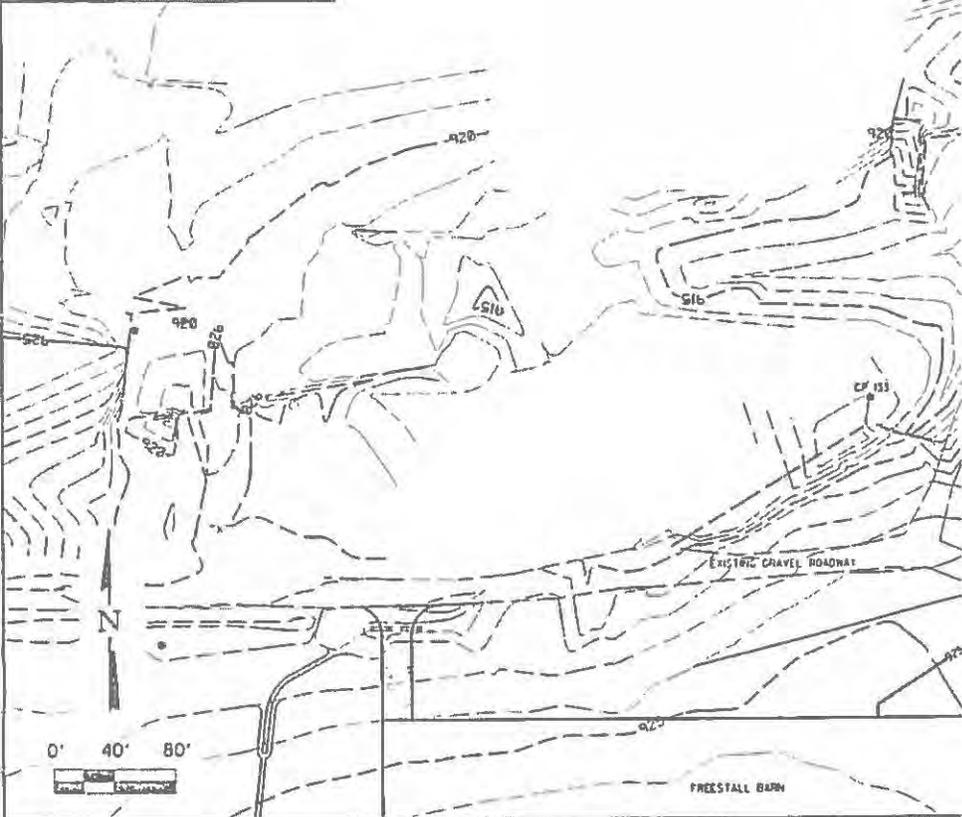
OF 1201 SHEETS

BENCH MARK "CP" 1/4" IP
 OF OLD OAK TREE
 ELEV. 933.37

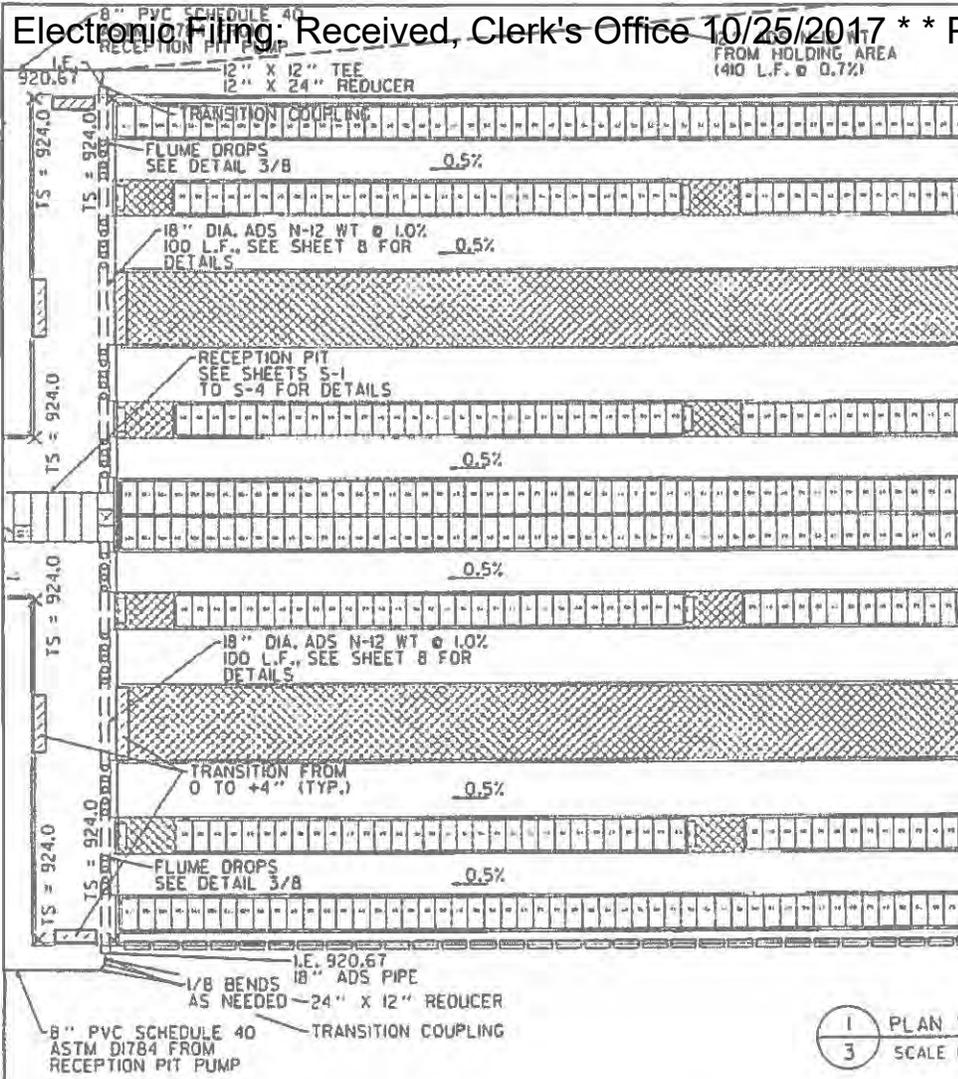
 CP #109, 5/8" IP WEST OF
 PROPOSED FREESTALL BARN
 ELEV. 922.14

 CP #106, 5/8" IP @ EAST
 CORNER OF EXISTING FENCE
 LINE
 ELEV. 928.72

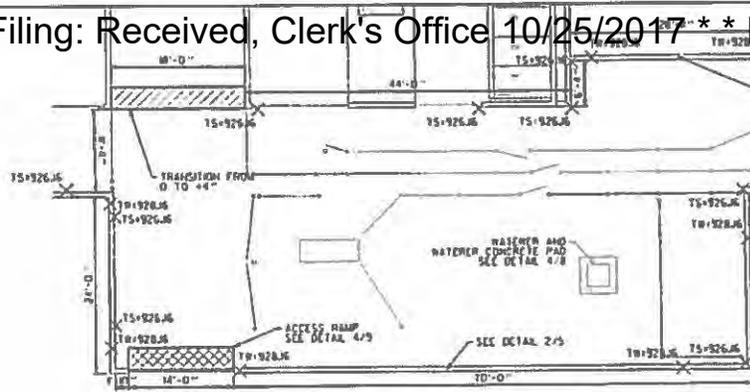
 CP #108 CHISELED "X" ON
 SOUTH WALL OF DRY STACK
 LOT
 EL. 923.09



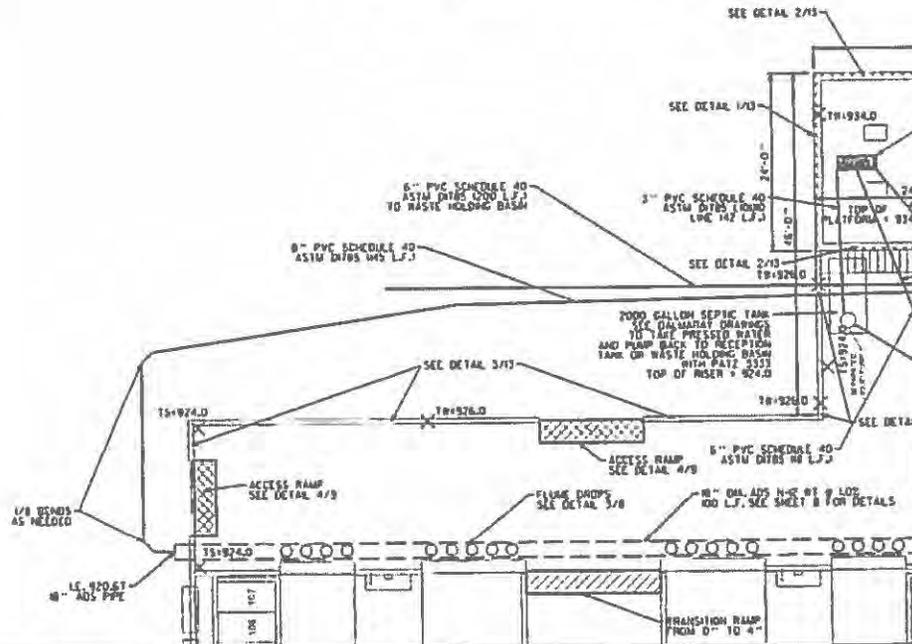
REVISIONS				DRAWN		WAGNER CONSULTING & AGRICULT 709 WEST OAK STREET LENA, ILLINOIS, 61848 815-375-7642 WAGNERCONSULTAG@MEDIALCOM.IB
NO.	DATE	BY	REMARKS	M.L.W.		
				CHECKED		
				A.A.W.		
				APPROVED		
				M.L.W.		



REVISIONS				DRAWN M.L.W. CHECKED A.A.W. APPROVED M.L.W.		WAGNER CONSULTING & AGRICULT 709 WEST OAK STREET LENA, ILLINOIS 61848 815-275-7642 WAGNERCONSULTING@MIDWESTAGRI.COM			
NO.	DATE	BY	REMARKS						



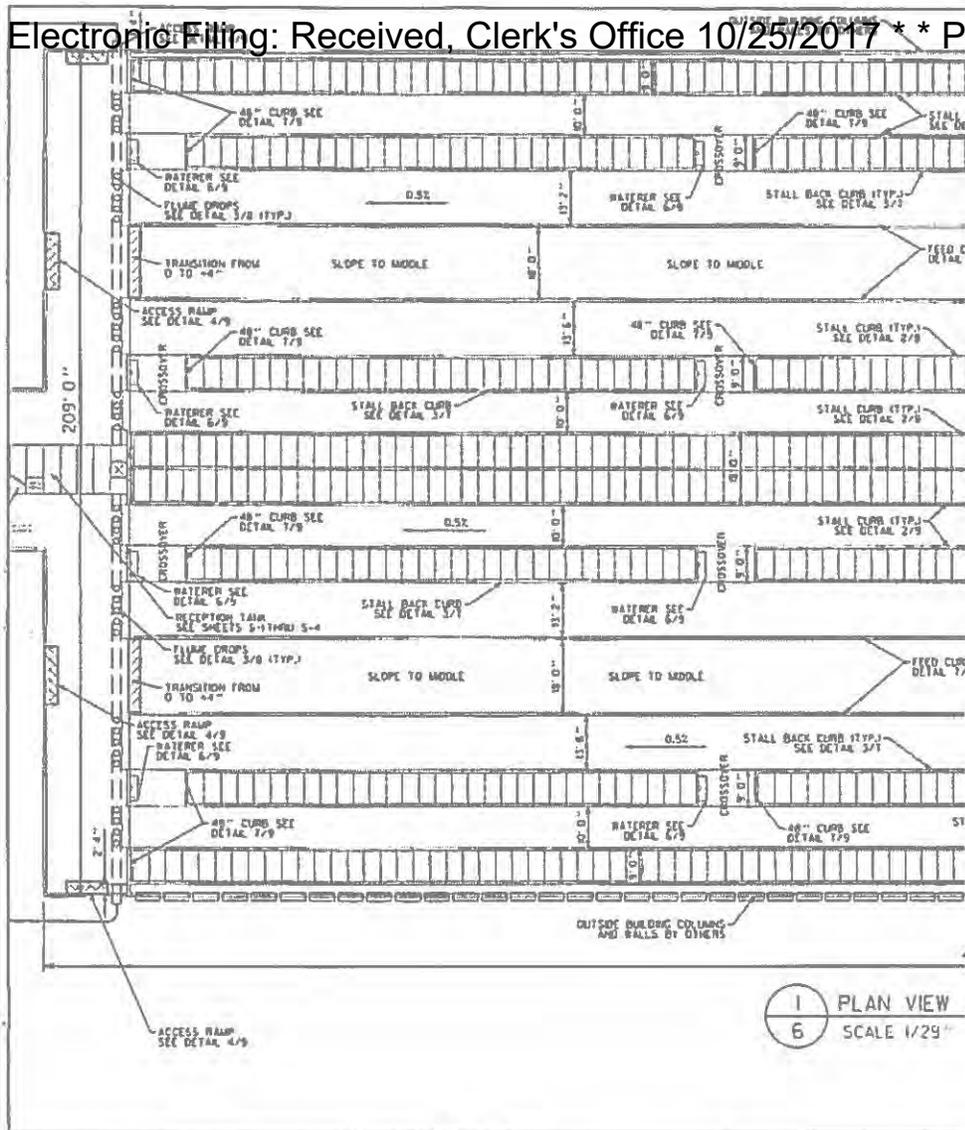
1 PLAN VIEW OF SORT PEN
5 SCALE 1/16" = 1'-0" X 12"



REVISIONS			
NO.	DATE	BY	REMARKS

DRAWN
M.L.W.
 CHECKED
A.A.W.
 APPROVED
M.L.W.

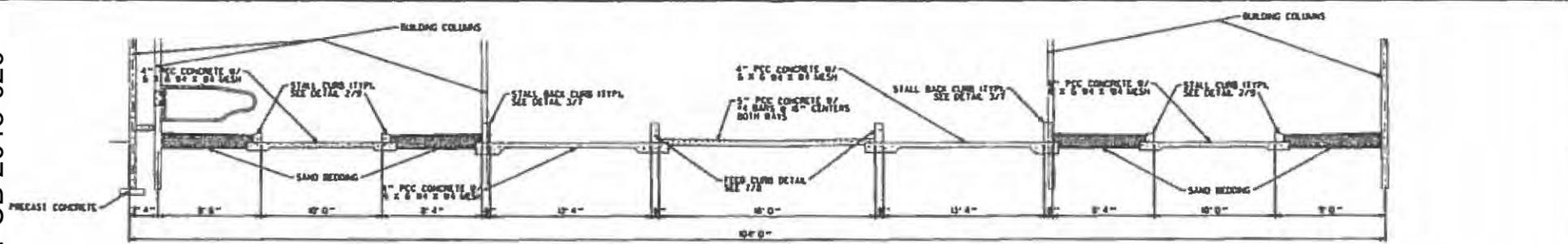
WAGNER CONSULTING & AGRICULT
 709 WEST OAK STREET
 LENA, ILLINOIS 61848
 815-275-7642
 WAGNERCONSULTAG@NLDIACOM.IL



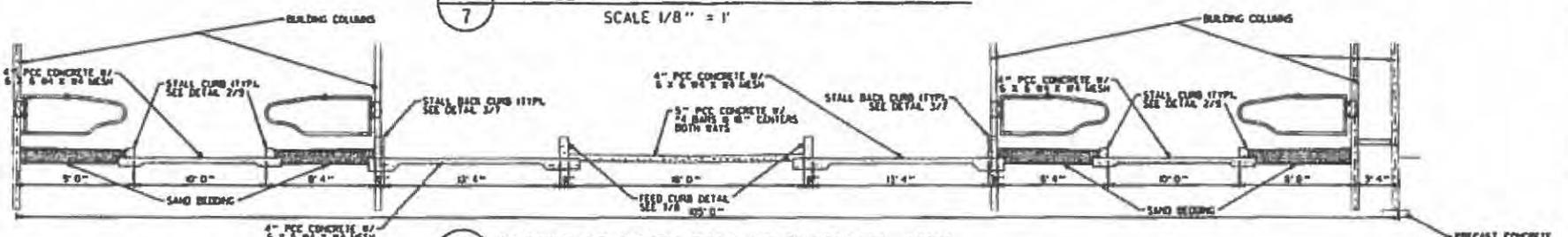
1 PLAN VIEW
6 SCALE 1/29"

REVISIONS				DRAWN N.L.W		WAGNER CONSULTING & AGRICULTURE 700 WEST OAK STREET LENA, ILLINOIS, 61848 815.275.7042 WAGNERCONSULTING@AOL.COM
NO.	DATE	BY	REMARKS			

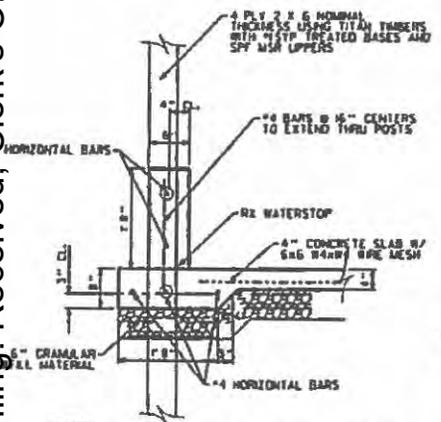
Electronic Filing: Received, Clerk's Office 10/25/2017 ** PCB 2018-020 **



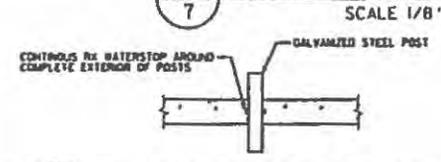
1 PROFILE OF NORTH PART OF FREESTALL BARN
SCALE 1/8" = 1'



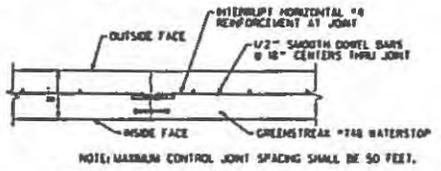
2 PROFILE OF SOUTH PART OF FREESTALL BARN
SCALE 1/8" = 1' (11" X 17")



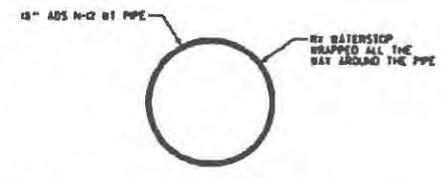
3 STALL BACK CURB DETAIL
SCALE 1/2" = 1' (11" X 17")



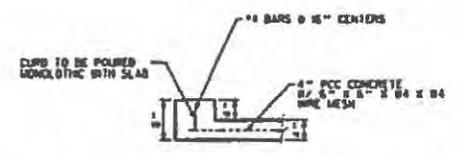
4 TYP. POST PENETRATION DETAIL
NO SCALE



5 CURB/ WALL CONTROL JOINT
SCALE 1/2" = 1'



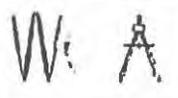
6 FLUME PIPE SEALING DETAIL
SCALE 1/2" = 1'



7 DOOR THRESHOLD
SCALE 1/2" = 1'

REVISIONS		
DATE	BY	REMARKS

DRAWN
A.L.W.
 CHECKED
A.A.W.
 APPROVED
M.L.W.



WAGNER CONSULTING & AGRICULTURE
 709 WEST OAK STREET
 177A, ILLINOIS, 61048
 413-275-7642
 WAGNERCONSULTAG@MEDIALCOMM.NET

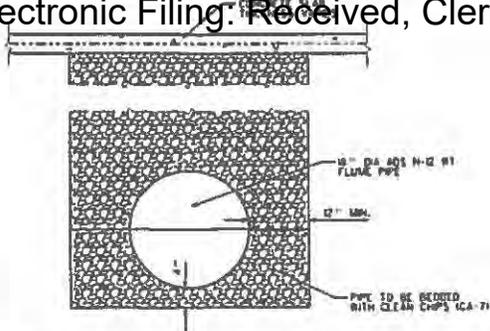
CONTACT JULIE AT 811 OR 600 832-0123
 With the 1-800-800-8000

TULLE
 City/County
 Sec & 1/4 Sec No
 12 HOURS (2 working days) EST/SE 7:01-24

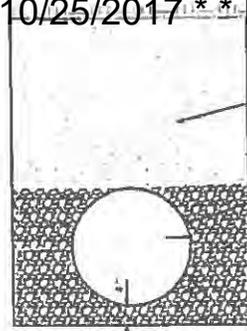
HILDEBRANDT FARMS
 2587 EAST STATELINE ROAD
 SOUTH BELOIT, ILLINOIS, 61080

ADDITIONAL FREESTALL BARN DETAILS

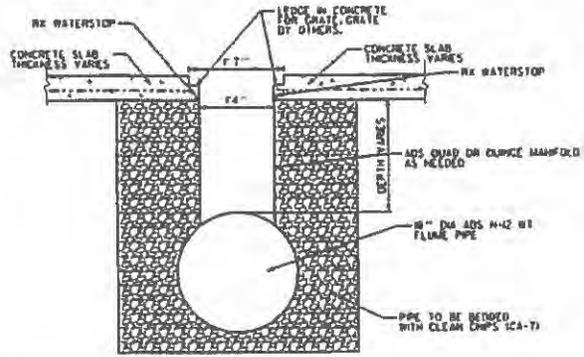
PROJECT NO.
S01W13
 DATE
05/05/16
 SHEET NO.
7
 OF 1201 SHEETS



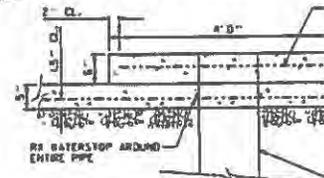
1
8 FLUME BEDDING DETAIL INSIDE BARN
NO SCALE



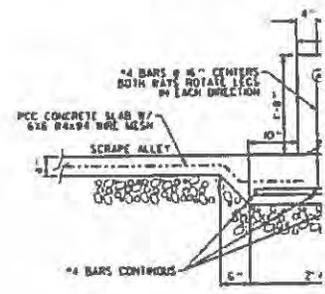
2
8 PIPE INSTALLATION DETAIL
1/40 SCALE



3
8 FLUME DROP DETAIL IN FREESTALL BARN
SCALE 1/2" = 1' (11" X 17")



4
8 TYP. WATERER C
SCALE 1/2" = 1' (11")

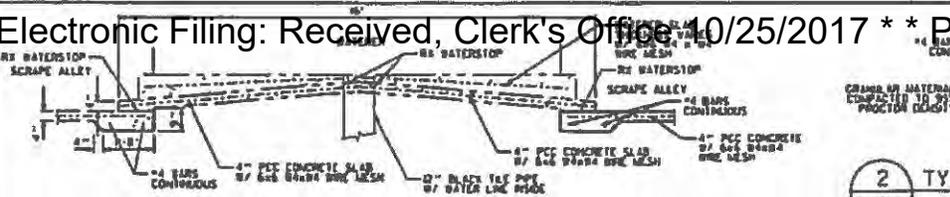


7
8 FEEDIN
SCALE 1"

REVISIONS				NO.	DATE	BY	REMARKS

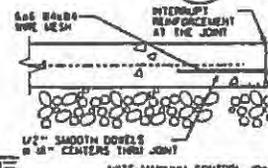
DRAWN	M.L.W.
CHECKED	A.A.W.
APPROVED	M.L.W.

WAGNER CONSULTING & AGRICULT
709 WEST OAK STREET
LENA, ILLINOIS, 61848
815-375-7642
WAGNERCONSULTAG@MEDJACUMBI

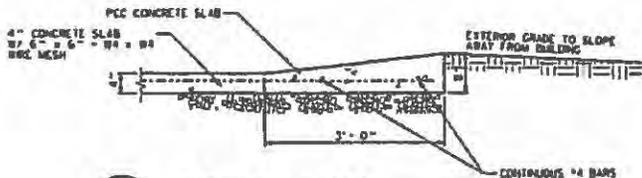


1 TYPICAL WATERER DETAIL
SCALE 1/4" = 1' 0" X 17"

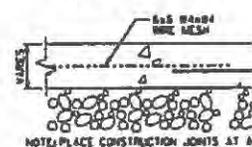
2 TY
9 SC



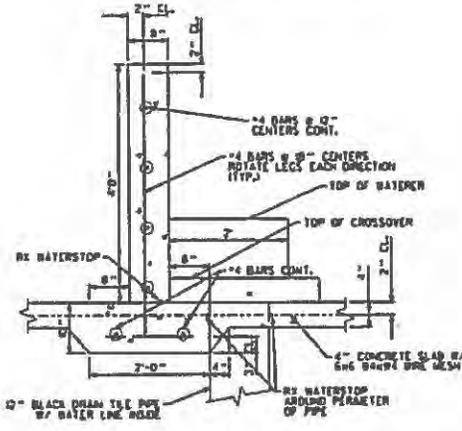
3 TYP. SLAB CONTROL JOINT
NO SCALE



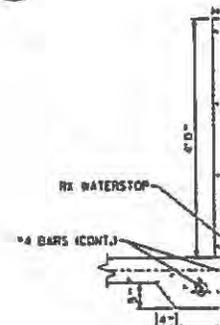
4 ACCESS RAMP DETAIL
SCALE 1/2" = 1' 0" X 17"



5 TYP. SLAB CONSTRUCTION
NO SCALE



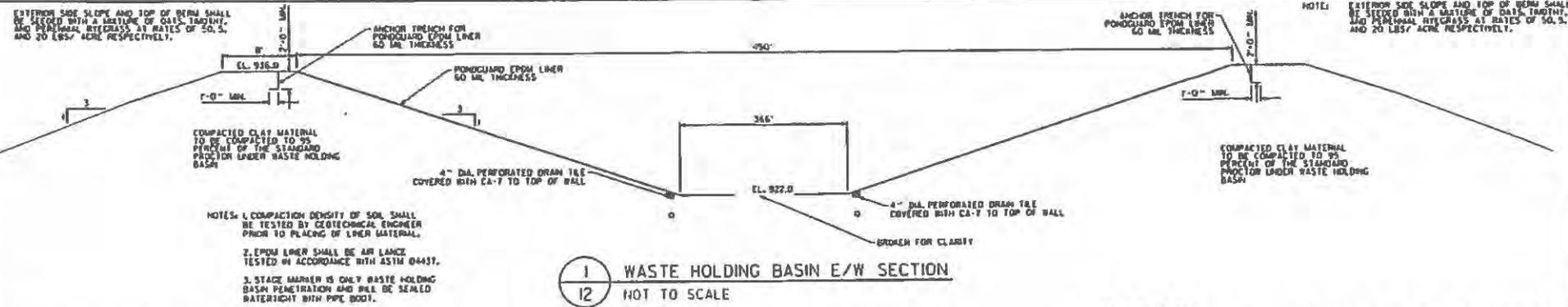
6 WATERER DETAIL
SCALE 1/2" = 1' 0" X 17"



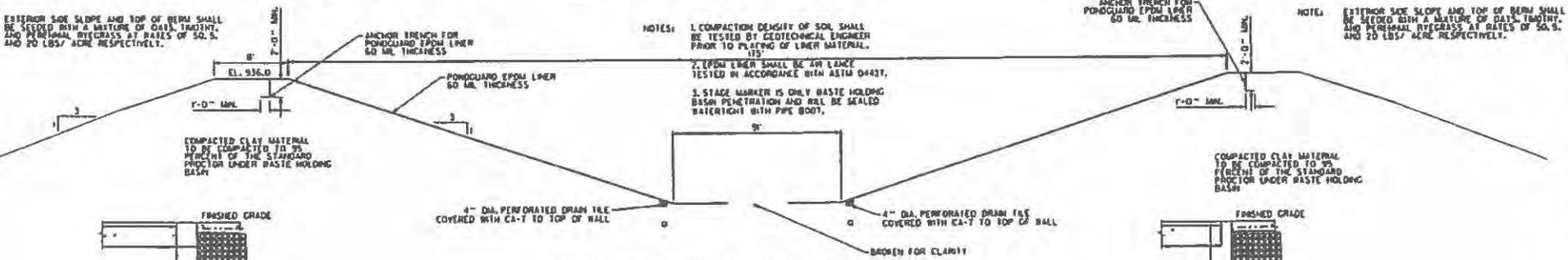
7 ENDWALL
SCALE 1/2"

REVISIONS				DRAWN M.L.W.		WAGNER CONSULTING & AGRICULTURE 709 WEST OAK STREET LEHNA, ILLINOIS 61048 815-275-7642 WAGNERCONSULTAG@MEDIANET.COM
NO.	DATE	BY	REMARKS			

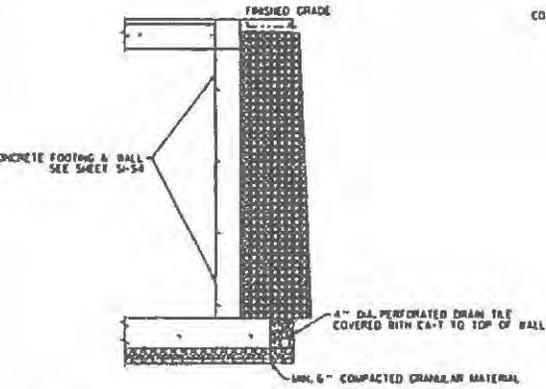
Electronic Filing: Received, Clerk's Office 10/25/2017 **PCB 2018-020**



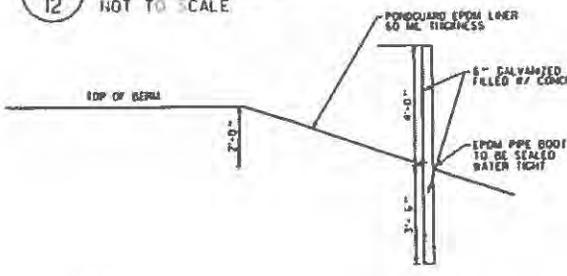
1 WASTE HOLDING BASIN E/W SECTION
12 NOT TO SCALE



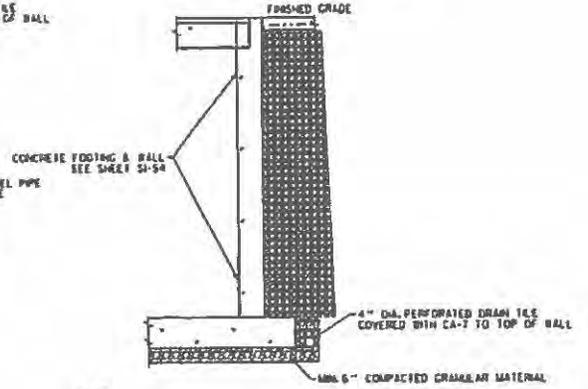
2 WASTE HOLDING BASIN N/S SECTION
12 NOT TO SCALE



3 RECEPTION PIT PERIMETER DRAIN (E/W)
12 SCALE 1/4" = 1' (11" x 17")



4 STAGE MARKER
12 SCALE 1/4" = 1' (11" x 17")



5 RECEPTION PIT PERIMETER DRAIN (N/S)
12 SCALE 1/4" = 1' (11" x 17")

REVISIONS		
DATE	BY	REMARKS

DRAWN: M.L.W.
 CHECKED: *W.K.*
 APPROVED: A.A.W.
 M.L.W.

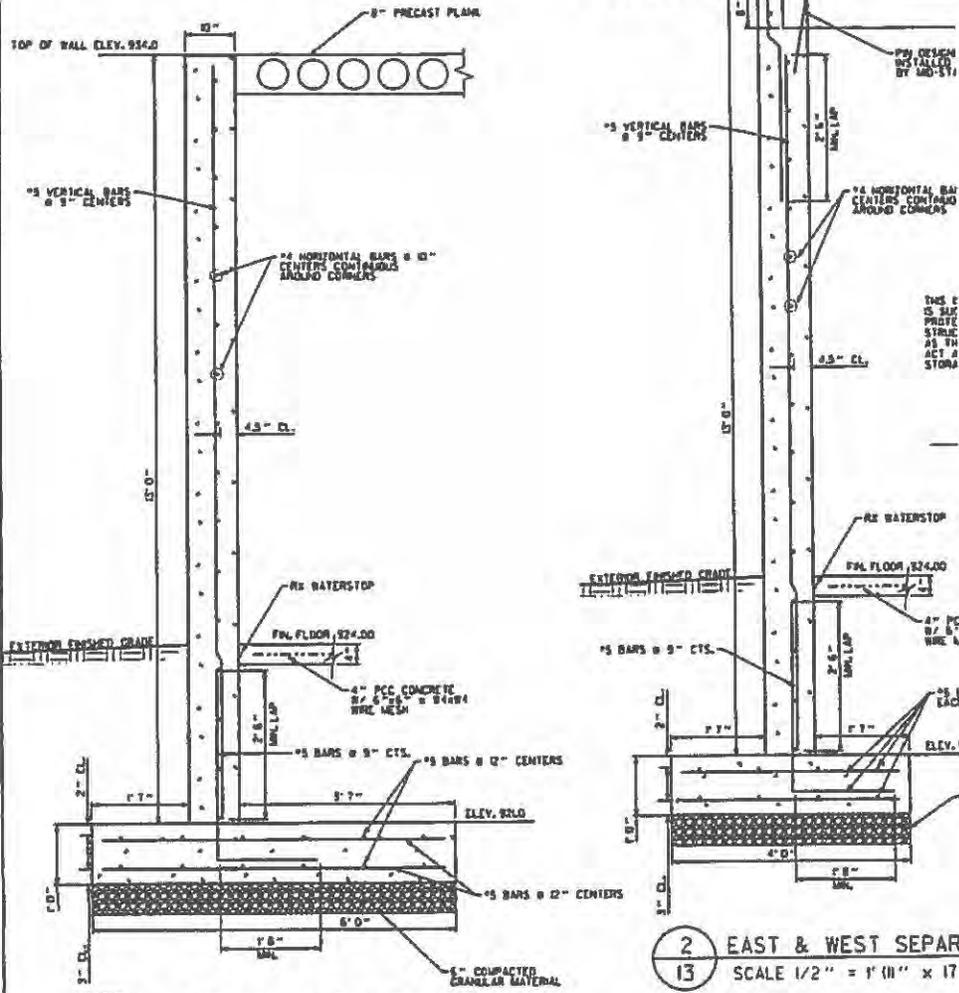
WAGNER CONSULTING & AGRICULTURE
 300 WEST OAK STREET
 LENA, ILLINOIS, 61046
 815-773-7442
 WAGNERCONSULTING@GMAIL.COM

CONTACT JULIE AT 811 OR 800-892-0123
 With the following:
 7' x 11' x 11' Curry
 CA-7/400's
 Dec 8 & 9 Sec 16
 18 HOURS (including days) BEFORE YOU DIG

HILDEBRANDT FARMS
 2587 EAST STATELINE ROAD
 SOUTH BELOIT, ILLINOIS, 61080

PROJECT NO.	18W15
DATE	03/05/16
SHEET NO.	12
OF 1201 SHEETS	15

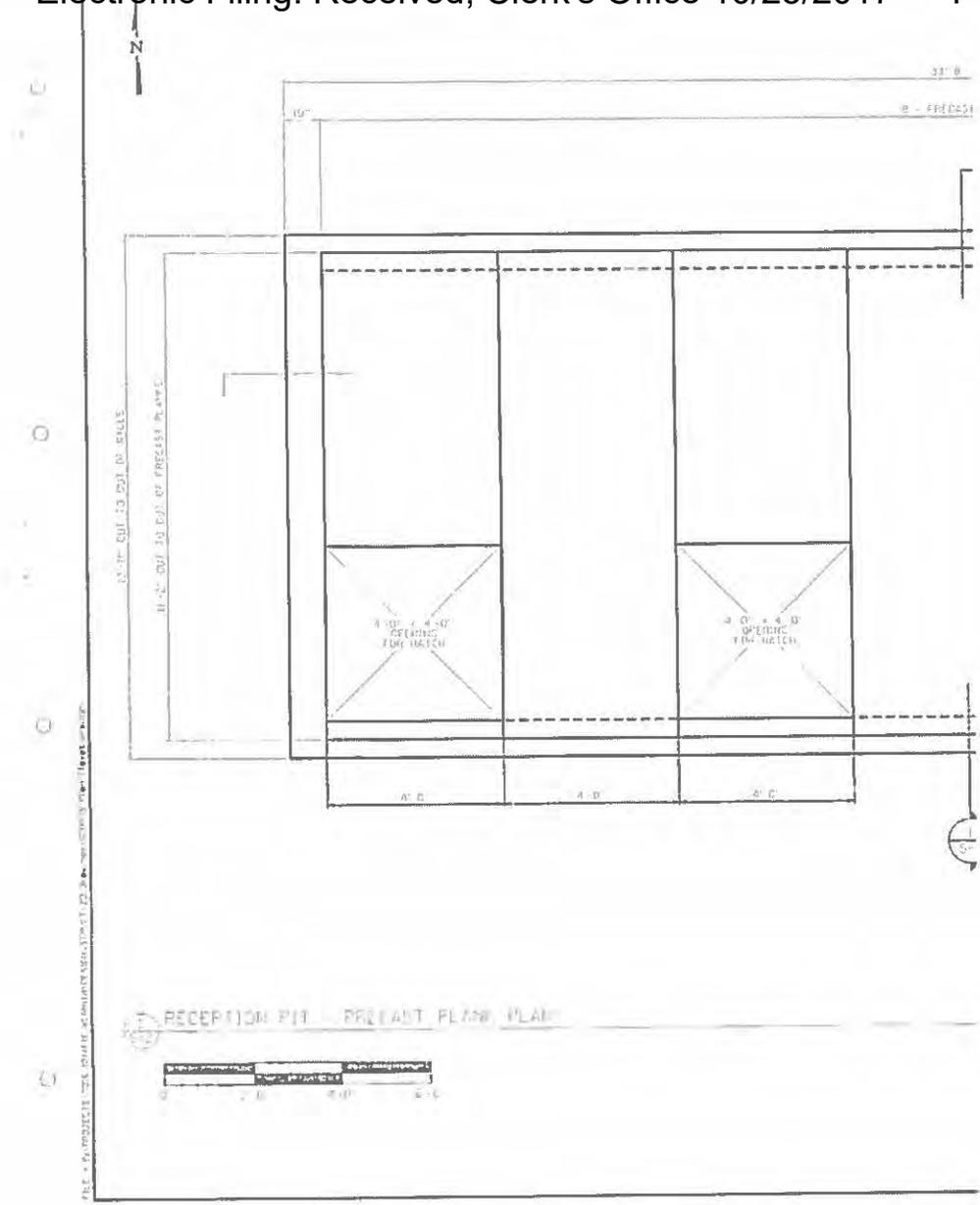
CROSS SECTIONS OF WASTE HOLDING BASIN



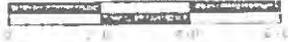
1 SOUTH SEPARATOR WALL DETAIL
SCALE 1/2" = 1' (11" x 17")

2 EAST & WEST SEPAR
SCALE 1/2" = 1' (11" x 17")

REVISIONS				DRAWN M.L.W.	WAGNER CONSULTING & AGRICUL 709 WEST OAK STREET LENA, ILLINOIS, 61048 815-275-7642 WAGNERCONSULTAG@MEDIACOMID
NO.	DATE	BY	REMARKS		
				CHECKED	
				A.A.W.	
				APPROVED	
				N.L.W.	



RECEPTION PIT - PRECAST PLANS PLAN



STATE OF ILLINOIS

)
)
)
)
)

COUNTY OF SANGAMON

CERTIFICATE OF SERVICE

I, the undersigned attorney at law, hereby certify that I have served on the date of October 25, 2017, the attached **APPEARANCE** and **RECOMMENDATION OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**, upon the following persons by causing to be mailed a true copy thereof in an envelope duly addressed, bearing proper first class postage, and deposited in the United States mail in Springfield, Illinois:

[1st Class U.S. Mail]

Steve Santarelli
Illinois Department of Revenue
101 West Jefferson
P.O. Box 19033
Springfield, Illinois 62794

[1st Class U.S. Mail]

Hildebrandt Farms, LLC
Attn: Ken and Don Hildebrandt
2587 East State Line Road
South Beloit, Illinois 61080

[Electronic Filing]

Clerk
Illinois Pollution Control Board
James R. Thompson Center
100 West Randolph Street, Suite. 11-500
Chicago, Illinois 60601

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

/s/ Roberto M. Durango
Assistant Counsel
Division of Legal Counsel
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276
217.782.5544
217.782.9143 (TDD)

THIS FILING IS SUBMITTED ON RECYCLED PAPER