BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

WIN Production, LLC-Winchester (Property Identification Number 0535400002)	)) **PCB 22-**) **(Tax Certification)**)

NOTICE

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

Brian Bradshaw
44619 Co. HWY 2
Griggsville, IL 62340

Copies also provided electronically as follows:

Illinois Department of Revenue
Via email at REV.PropTaxApp@illinois.gov
101 West Jefferson
Post Office Box 19033
Springfield, Illinois 62794

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

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: _____
Joshua Leopold
Assistant Counsel
Division of Legal Counsel

DATED: September 14, 2022

Illinois Environmental Protection Agency
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
(217) 558-1333

THIS FILING IS SUBMITTED ON RECYCLED PAPER

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

WIN Production, LLC-Winchester (Property Identification Number 0535400002)	)) **PCB 22-**) **(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: _____

Joshua Leopold
Assistant Counsel
Division of Legal Counsel

DATED: September 14, 2022

Illinois Environmental Protection Agency
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
(217)558-133

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Win Production, LLC- Winchester (Property Identification Number 0535400002)	**)) PCB 22-) (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 of the regulations of the Illinois Pollution Control Board ("Board"), 35 Ill. Adm. Code 125.204.

1. On December 30, 2019, the Illinois EPA received a request from WIN Production, LLC. (log number TC-142189, Exhibit A) for an Illinois EPA recommendation regarding the tax certification of water pollution control facilities pursuant to 35 Ill. Adm. Code 125.204.

2. The facility's address is:

WIN Production, LLC.
798 Witwer Rd.
Winchester, IL 62694

The proposed water pollution control facilities in this request are located in the SE ¼ of Section 35, T14N, R13W of the 3rd PM, in Scott County the above street address and consist of the following:

> Livestock waste management facilities consisting of four (4) earthen holding ponds (approximately 135 ft. x 285 ft. x 12 ft. as E9, 120 ft. x 185 ft. x 12 ft. as E10, 100 ft. x 200 ft. x 12 ft. as E11, and 74 ft. x 154 ft. x 10 ft. as E12), seven (7) concrete pits (approximately 534 ft. x 77 ft. x 2 ft. as E1, 343 ft. x 82.5 ft. x 2 ft. as E2, 184 ft. x 32 ft. x 2 ft. as E6, 158 ft. x 39.5 ft. x 2 ft. as E7, 158 ft. x 39.5 ft. x 2 ft. as E8, 537 ft. x 156 ft. x 12 ft. as E14, and 340 ft. x 135 ft. x 8 ft. as E15) and the concrete slatted portion of the floor over the manure pits that capture and contain waste generated in the barns above, a total of eighteen (18) pumpout pits (approximately 5 ft. x 4 ft. x 11 ft each) to allow manure removal

> from pit E14 and E15, PVC pipes (approximately 1,650 ft. x 8 in. total and 300 ft. x 4 in. total) and a concrete lift station (approximately 6 ft. x 6 ft. x 10 ft. as E13) that transfer manure from concrete manure pits to the earthen holding ponds, one (1) concrete roofed building (approximately 204 ft. x 36 ft. x 6 ft. as E3) for mortality compost, and perimeter drainage tiles (approximately 2,414 ft. x 4 in. corrugated perforated pipe and 555 ft. x 6 in. dual wall plastic pipe) located around the footing of the manure pit E14 and E15 to prevent flotation of the pits.

This livestock waste management facility is used to collect, transport, and/or store livestock waste prior to cropland application, and are further described in Exhibit A.

3. Section 11-10 of the Property Tax Code, 35 ILCS 200/11-10 (2014), and Section 125.200(a) of the Board's regulations, 35 Ill. Adm. Code 125.200(a), define "pollution control facilities" as:

> any 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 …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.

4. In order to receive preferential tax treatment as pursuant to 35 ILCS 200/11-5 (2014), pollution control facilities must be certified as such by the Board, 35 ILCS 200/11-20 (2014) and 35 Ill. Adm. Code 125.200(a).

5. Upon receipt of a tax certification application, the Illinois EPA must file a recommendation on the application with the Board, 35 Ill Adm. Code 125.204(a).

6. Based on the information in the application and the purpose of the facility, it is the Illinois EPA's engineering judgment that the described facilities may be

considered "pollution control facilities," pursuant to 35 Ill. Adm. Code 125.200(a), with the primary purpose of eliminating, preventing, or reducing water pollution, or as otherwise provided in 35 Ill. Adm. Code 125.200, 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: _____
Joshua Leopold
Assistant Counsel
Division of Legal Counsel

Dated: September 14, 2022

Illinois Environmental Protection Agency
1021 North Grand Ave. E.
P.O. Box 19276
Springfield, Illinois 62794-9276
217/558-1333

TC-142189

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 · (217) 782-3397
JB PRITZKER, GOVERNOR JOHN J. KIM, DIRECTOR

Memorandum

To: Mike Roubitchek, Division of Legal Counsel

From: Darin E. LeCrone, Manager, Industrial Unit, Permit Section DEL

Date: MAY - [illegible] 2022

Re: WIN Production, LLC Winchester
Recommendation of Tax Certification
Log# TC-142189
Property Index# 0535400002

The Bureau of Water received a request on December 30, 2019 from Brian Bradshaw 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:

WIN Production, LLC
798 Witwer Rd.
Winchester, IL 62694

SE ¼ of Section 35, T14N, R13W of the 3rd PM in Scott County

The livestock waste handling facilities consisting of four (4) earthen holding ponds (approximately 135 ft. x 285 ft. x 12 ft. as E9, 120 ft. x 185 ft. x 12 ft. as E10, 100 ft. x 200 ft. x 12 ft. as E11, and 74 ft. x 154 ft. x 10 ft. as E12), seven (7) concrete pits (approximately 534 ft. x 77 ft. x 2 ft. as E1, 343 ft. x 82.5 ft. x 2 ft. as E2, 184 ft. x 32 ft. x 2 ft. as E6, 158 ft. x 39.5 ft. x 2 ft. as E7, 158 ft. x 39.5 ft. x 2 ft. as E8, 537 ft. x 156 ft. x 12 ft. as E14, and 340 ft. x 135 ft. x 8 ft. as E15) and the concrete slatted portion of the floor over the manure pits that capture and contain waste generated in the barns above, a total of eighteen (18) pumpout pits (approximately 5 ft. x 4 ft. x 11 ft. each) to allow manure removal from pit E14 and E15, PVC pipes (approximately 1,650 ft. x 8 in. and 300 ft. x 4 in. total) and a concrete lift station (approximately 6 ft. x 6 ft. x 10 ft. as E13) that transfer manure from concrete manure pits to the earthen holding ponds, one (1) concrete roofed building (approximately 204 ft. x 36 ft. x 6 ft. as E3) for mortality compost, and perimeter drainage tiles (approximately 2,414 ft. x 4 in. corrugated perforated pipe and 555 ft. x 6 in. dual wall plastic pipe) located around the footing of the manure pit E14 and E15 to prevent flotation of the pits. The facility collects, transports and stores livestock waste prior to cropland application.

The facility is 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 Wei Han at 217/782-0610.

DEL:WH:Tax Cert Recommendation.docx
cc: Tax Cert File

Watershed Unit Tax Certification Review Sheet

Project Name: WIN Production, LLC

Date: April 15, 2021

Reviewer: WH

Type: ☐ Agchem ☒ Livestock

Log number: TC-142189

Applicant: Brian Bradshaw
44619 Co. HWY 2
Griggsville, IL 62340

Contact: Terry Feldmann
3116 N. Dries Lane, Suite 100
Peoria, IL 61604

Phone: 309-693-7615

Facility: WIN Production, LLC
798 Witwer Rd.
Winchester, IL 62694

Property Index#: 0535400002

Parcel#:

Legal Description:
SE of Section: 35 Twp: 14N R: 13W PM: 3rd

County: Scott

Signature: Brian Bradshaw

Date Control Devices installed: January 2017

Title: Manager

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:

The livestock waste handling facilities consist of four (4) earthen holding ponds (approximately 135 ft. x 285 ft. x 12 ft. as E9, 120 ft. x 185 ft. x 12 ft. as E10, 100 ft. x 200 ft. x 12 ft. as E11, and 74 ft. x 154 ft. x 10 ft. as E12) , seven (7) concrete pits (approximately 534 ft. x 77 ft. x 2 ft. as E1, 343 ft. x 82.5 ft. x 2 ft. as E2, 184 ft. x 32 ft. x 2 ft. as E6, 158 ft. x 39.5 ft. x 2 ft. as E7, 158 ft. x 39.5 ft. x 2 ft. as E8, 537 ft. x 156 ft. x 12 ft. as E14, and 340 ft. x 135 ft. x 8 ft. as E15) and the concrete slatted portion of the floor over the manure pits that capture and contain waste generated in the barns above. Manure pit E14 and E15 have a total of eithteen (18) pumpout pits (approximately 5 ft. x 4 ft. x 11 ft. each) to allow manure removal from the manure pits. PVC pipes (approximately 1,650 ft. x 8" total gravity and 300 ft. x 4 in. total forceman) and a concrete lift station (approximately 6 ft. x 6 ft. x 10 ft. as E13) transfer manure from concrete pits to the earthen holding ponds. A concrete roofed building (approximately 204 ft. x 36 ft. x 6 ft. as E3) is used for mortality compost. Perimeter drainage tiles (approximately 2,414 ft. x 4 in. corrugated perforated pipe and 555 ft. x 6 in. dual wall plastics pipe) are located around the footing of the manure pits E14 and E15 to prevent flotation of the pits. The facility collects, transports and stores livestock waste prior to cropland application.

Pollution control facilities requested by the applicant through Description of Pollution Control Facilities, Section C of the application form and the attached drawings.
Four (4) earthern holding ponds;
Seven (7) concrete manure pit;
Concrete slatted floor at the pit;
Pumpout pits attached to the manure pit E14 & E15, 5 ft. x 4 ft. x 11 ft. each
PVC pipes between manure pits and earthern holding ponds.
Lift station and a PVC forcemain.
Mortality compost structure E3
Perimeter drainage tiles at E14 and E15.

A process flow diagram and a plan view of the pits and holdin ponds is submitted with the application.
Recommended Action: Issue tax certification.

Received 12/30/2019
IEPA

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Application for Certification (Property Tax Treatment)
Pollution Control Facility

FOR AGENCY USE ONLY			
File Number		Date Rec'd	
Certification Number		Date	

Facility Type (check one) ○ Air ⊘ Water

This form is to be used for any application for certification of property tax treatment for a pollution control facility for air or water from the Illinois EPA.

You may complete this form online, save a copy locally, print, sign and submit it to

Illinois EPA
Attention: Ray E. Pilapil, Permit Section
Division of Air Pollution Control
1021 North Grand Avenue East, P O Box 19276
Springfield, IL 62794-9276

Illinois EPA
Attention: Al Keller, Permit Section
Division of Water Pollution Control
1021 North Grand Avenue East, P O Box 19276
Springfield, IL 62794-9276

I. Applicant Information:

Company Name: WIN Productions, LLC

Person Authorized to Receive Certification	Brian Bradshaw	Person to Contact for Additional Details	Terry L. Feldmann
Street Address:	46619 Co. HWY 2	Street Address:	3116 N. Dries Lane, Suite 100
City	Griggsville State: IL	City:	Peoria State IL
Zip	62340 Phone 217-833-2111	Zip:	61604 Phone. 309-693-7615
Email Address	brian@winproductionsllc.com	Email Address	tlfeldmann@mstutz.com

II. Facility Information:

Facility Location Quarter Section SE-35 Township: 14N Range: 13W

Municipality: Township Bloomfield

Note: A plat map location is requested for facilities located outside of municipal boundaries.

Address 798 Witwer Road City: Winchester

State IL Zip Code: 62694 County: Scott Book Number:

Property Index Number: 0535400002

Note: The Property Index Number is the numerical reference used to identify a parcel of real property for assessment and taxation purposes.

Manufacturing Operations Information:

Nature of Operations Conducted at the Above Location:

NA

Permit Information:

WPC Construction Permit Number	None	Date Issued:	
NPDES Permit Number	None	Date Issued:	Exp. Date
APC Construction Permit Number	None	Date Issued:	
APC Operating Permit Number	None	Date Issued:	Exp Date:

Note: Submit copies of all relevant permits issued by local pollution control agencies. (e.g. MSD Construction Permit)

This Agency is authorized to request this information under 415 ILCS 5/4(b)(2012). Disclosure of this information is voluntary and no penalties will result from the failure to provide the information. However, the absence of the information could prevent your application from being processed or could result in denial of your application.

Manufacturing Process Information:
Please provide information on the manufacturing process and materials on which pollution control facility is used including each major piece of equipment associated with the pollution control facility (or low sulfur dioxide emission coal fueled device)
Description of the Process:

N/A

Materials Used in the Process:

N/A

Pollution Control Facility Information:
Please provide a narrative description of the pollution control facility (or low sulfur dioxide emission coal fueled device) and an explanation of why its primary purpose is to eliminate, prevent or reduce pollution

Describe the Pollution Control Facility (or Low Sulfur Dioxide Emission Coal Fueled Device)

See Attachment 1: Facility Pollution Control Facility Description

Describe the Primary Purpose of the Pollution Control Facility (or Low Sulfur Dioxide Emission Coal Fueled

See Attachment 2: Purpose of the Pollution Control Facility

Identify the statute or regulation (federal or state), or local ordinance, if any, requiring the installation of the subject pollution control facility (or low sulfur dioxide emission coal fueled device)

Federal: Title 35, Subtitle E, Chapter I, Part 502&502, State Title 8, Chapter 1 Subchapter T, Part 900

Nature of Contaminants or Pollutants:
List air contaminants or water pollution substances released as effluents to the manufacturing processes. Also list the final disposal of any contaminants removed from the manufacturing processes

	Material Retained Captured or Recovered	
Contaminant or Pollutant	Description	Disposal or Use
Swine Manure	Manure	Land Application for Crop Nutrients

Note: Contaminant or pollutant means that which is removed from the process by the pollution control facility

Point(s) of Waste Water Discharge:

Identify the location of the discharge to the receiving stream This will typically refer to a source of water pollution but can include water-carried wastes from air pollution control facilities

Plans and Specifications Attached ☑ Yes ○ No

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

Are contaminants (or residues) collected by the control facility? ☑ Yes ○ No

Note: If the collected contaminants are disposed of other than as wastes, state the disposition of the materials, and the value dollars reclaimed by the sale or reuse of the collected substances State the cost of reclamation and related expense

Project Status:

Date Installation Completed: Jan 1, 2017

Provide the date the pollution control facility was first placed into service and operated. If not, explain

See Attachment 3: Date of First Service

Status of installation on date of application

See Attachment 4 Status of Installation

III. Verification and Signature:

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

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Brian Bradshaw — Printed Name

Member Manager — Title

For incorporated entities, signature should be from an authorized corporate representative.

Signature

12-23-2019 — Date

Application for Certification (Property Tax Treatment) Pollution Control Facility
WIN Productions LLC – Win Pro Sow Farm
By: Maurer-Stutz, Inc

ATTACHMENT 1: Facility Pollution Control Facility Description

The site consists of the following swine buildings and pollution control facilities.

E1	534'-2" x 77'-3" x 2'	Shallow concrete pit below precast slats
E2	343' x 82'-6" x 2'-0"	Shallow concrete pit below slotted flooring
E3	204' x 36' x 6'-0"	Concrete roofed mortality compost facility
E6	184'-0" x 32'-0" x 2'-0"	Shallow concrete pit below slotted flooring
E7	157'-8" x 39'-6" x 2'-0"	Shallow concrete pit below precast slats
E8	157'-8" x 39'-6" x 2'-0"	Shallow concrete pit below precast slats
E9	135' x 285' x 12' w/ 3:1 SS	Earthen Holding Pond w/ soil liner
E10	120' x 185' x 12' w/ 3:1 SS	Earthen Holding Pond w/ soil liner
E11	100' x 200' x 12' w/ 3:1 SS	Earthen Holding Pond w/ soil liner
E12	74' x 154' x 10' w/ 3:1 SS	Earthen Holding Pond w/ soil liner
E13	6' x 6' x 10'	Lift Station – concrete
E14	537'-1" x 155'-9" x 12'-0"	Deep concrete pit below precast slats
E15	340'-2" x 134'-8" x 8'-0"	Deep concrete pit below slotted flooring

Application for Certification (Property Tax Treatment) Pollution Control Facility
WIN Productions LLC – Win Pro Sow Farm
By: Maurer-Stutz, Inc

The barn labelled E2 serves as a farrowing facility equipped with slatted flooring over a 2'-0" concrete pits with 4" thick base slabs. In between the pits are walkways with 4" thick concrete slabs of various widths depending on the use of the walkway. The pits are 6'-8.5" wide and 74'-10" long. The barn consists of 34 pits. The exterior building walls (including the north pit wall) are 8" thick with footings that are 8" thick and 1'-6" wide. The remaining pit walls are 6" thick. The pits utilize pull plugs and drain via an 8" SDR-35 PVC sewer pipe to lift station E13. The barn contains 34 pull plug locations. There is 500 FT of 8" diameter PVC to transfer the manure to the lift station E13.

The building identified as E1 on the plans is a gestation building with fully slatted floors. The building contains 2ft deep pits that consists of a 4" thick base slab and 8" thick pit end walls. Precast concrete slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pit. The precast floors are supported by 6" wide by 2' tall interior pit walls. The pit end and interior walls have footings that are 8" thick and 1'-4" wide. The pits utilize pull plug and drain via an 8" SDR-35 PVC sewer pipe to lift station E13. The barn contains 16 pull plug locations. There is 550 FT of 8" diameter PVC pipe to transfer the manure to the lift station E13.

The lift station E13 is a concrete precast structure 6ft x 6ft and 10ft deep. The 8" PVC gravity sanitary sewers that drain buildings E1, E2, and E6 flow into the lift station. A permanent 10HP pump in the lift station is connected to 300 FT of 4" SDR-26 PVC (Force-main) which transfers the manure to holding pond E9.

The barn labelled E6 serves as a farrowing facility equipped with slotted flooring over a 2'-0" deep concrete pit consisting of a 4" thick slab. The pit walls are 8" thick with footings that are 9" thick and 2'-0" wide. The pit utilizes pull plugs and drains via an 8" SDR-35 PVC sewer pipe to the lift station. The barn contains 36 pull plug locations. There is 400 FT of 8" diameter PVC pipe to transfer the manure to the lift station.

The buildings identified as E7 and E8 on the plans are of equal size and dimensions having 2ft deep pits below fully slatted floors that consist of a 4" thick base slab and 8" thick exterior pit walls. Precast concrete slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pits. The exterior walls have footings that are 9" thick and 2'-0" wide. Walls within the pit are 6" in diameter, 2'-0" tall support the 4" thick precast concrete slotted gang slat floor. The pits utilize pull plugs and drain via an 8" SDR-35 PVC sewer pipe to earthen holding pond E10. The barns contain 36 pull plug locations apiece. There is 200 FT of 8" diameter PVC pipe to transfer the manure to the holding pond E9.

Additional storage is available at the facility in holding pond E11. Manure is transferred from other holding ponds to E11 if necessary, using a portable manure transfer pump and hose system.

Holding pond E9 contains a 35 ft of 8" diameter PVC gravity pipe to transfer effluent to holding pond E10. There is a recycle flush pump in holding pond E10 used recharge shallow pit barns E1, E2, E6, E7, and E8. The barns are recharged with water from the holding pond to aid in solids removal and ease in manure handling.

Application for Certification (Property Tax Treatment) Pollution Control Facility
WIN Productions LLC – Win Pro Sow Farm
By: Maurer-Stutz, Inc

The building identified as E14 on the plans is a gestation building with a 12ft deep concrete pit that consists of a 4" thick slab and 10" thick pit walls. Precast concrete slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pit. The walls have footings that are 10" thick and 2'-6" wide. Columns within the pit are 12" in diameter, 11'-2" tall and supported by 42"x42" square footings. The columns support 8"x10"x12ft long precast concrete floor beams. The floor beams support a 4" thick precast concrete slotted gang slat floor. Each pumpout pit is 6'0" x 6'-0" with 8" thick walls. Footings around the pumpout pit walls measure 1'-6" by 1'-4" inches thick. The recessed sump area is 5'-4" x 3'-10" x 11" deep. The barn has 10 pumpout pits that enable manure agitation and allow manure transfer through a hose for field application or to the additional storage. A perimeter drain is used to control the seasonal high water table. The total length of 4" corrugated perforated pipe perimeter drain is 1429 ft with a 165 ft 6" diameter dual wall plastic pipe outlet.

The building identified as E15 on the plans is a farrowing building with an 8ft deep concrete pit that consists of a 5" thick slab and 8" thick pit walls. Slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pit. The walls have footings that are 12" thick and 4'-6" wide. Columns within the pit are 14" in diameter, 7'-2" tall and supported by 39"x39" square footings. The columns support 8"x10"x12ft long precast concrete floor beams. The floor beams support a 4" thick precast concrete slotted gang slat floor. Each pumpout pit is 6'0" x 6'-0" with 8" thick walls. Footings around the pumpout pit walls measure 1'-6" by 1'-4" inches thick. The recessed sump area is 5'-4" x 3'-10" x 11" deep. The barn has 8 pumpout pits that enable manure agitation and allow manure transfer through a hose for field application or to the additional storage. A perimeter drain is used to control the seasonal high water table. The total length of 4" corrugated perforated pipe perimeter drain is 985 ft with a 390 ft, 6" diameter dual wall plastic pipe outlet.

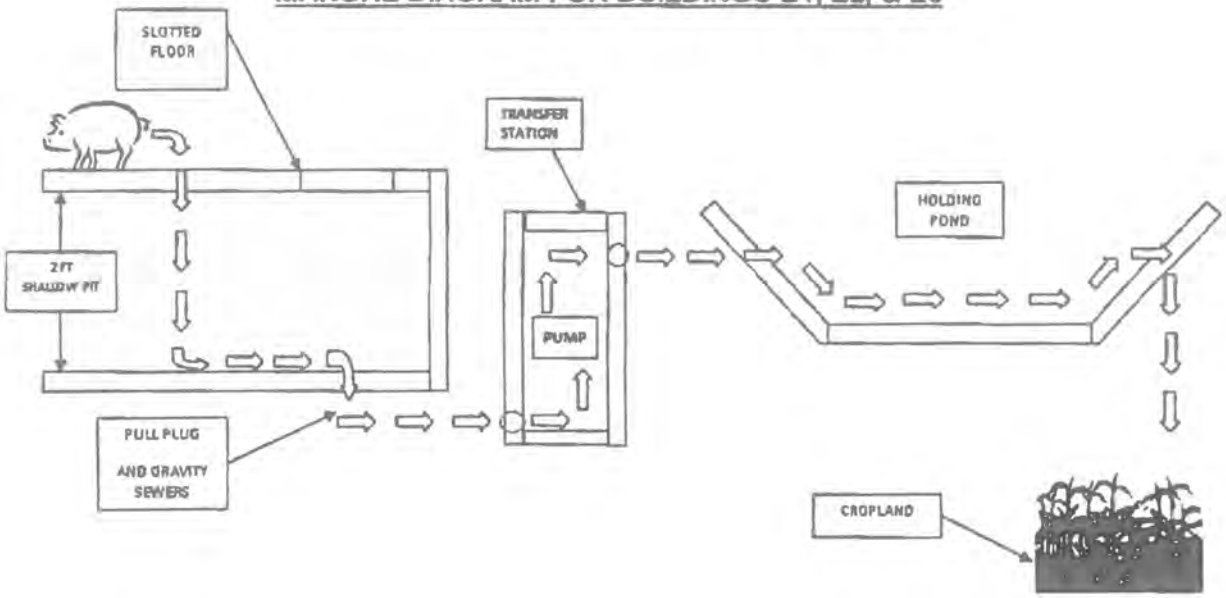
A roofed mortality composting facility (E3) is utilized on the farm. The exterior dimensions of the structure are 36'-0" x 204'-0", containing 16 bins. The compost bays are open on one end for mixing. The bays are made up of a 5" floor slab with 8" thick walls. The walls are 6'-0" tall and are supported by footings that are 12" thick and 2'-0" wide.

The structures labelled E9, E10, E11, and E12 are earthen holding ponds. The inside dimensions of the ponds are listed in the table above. The holding ponds are compacted clay material designed to be impervious to wastewater and manure. Holding ponds E9, E10, and E12 are primary storage structures for the facility and holding pond E11 serves as emergency storage for the facility and may be used should the primary storages reach freeboard levels. Conduits used for transfer of wastes to the holding ponds are listed in structure descriptions above.

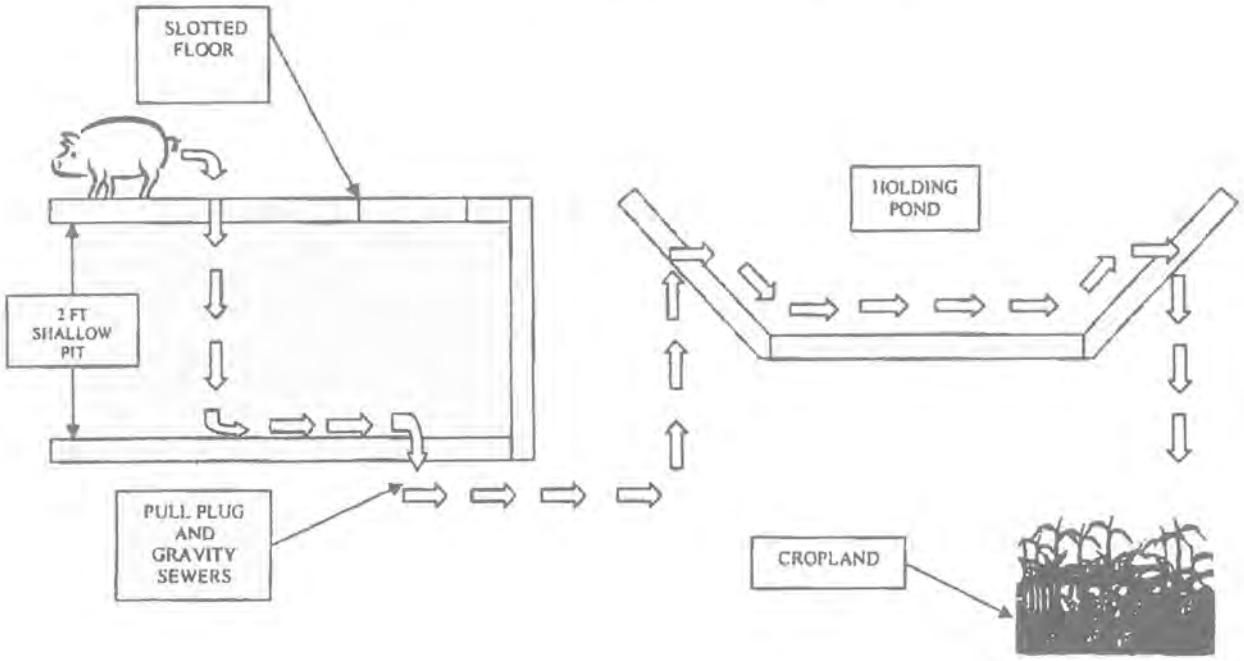
The facility protects ground and surface water by providing collection and storage of livestock waste for about nine months. Subsequently, the waste is applied agronomically to cropland under proper soil and weather conditions for safe use.

Application for Certification (Property Tax Treatment) Pollution Control Facility
WIN Productions LLC – Win Pro Sow Farm
By: Maurer-Stutz, Inc

MANURE DIAGRAM FOR BUILDINGS E1, E2, & E6

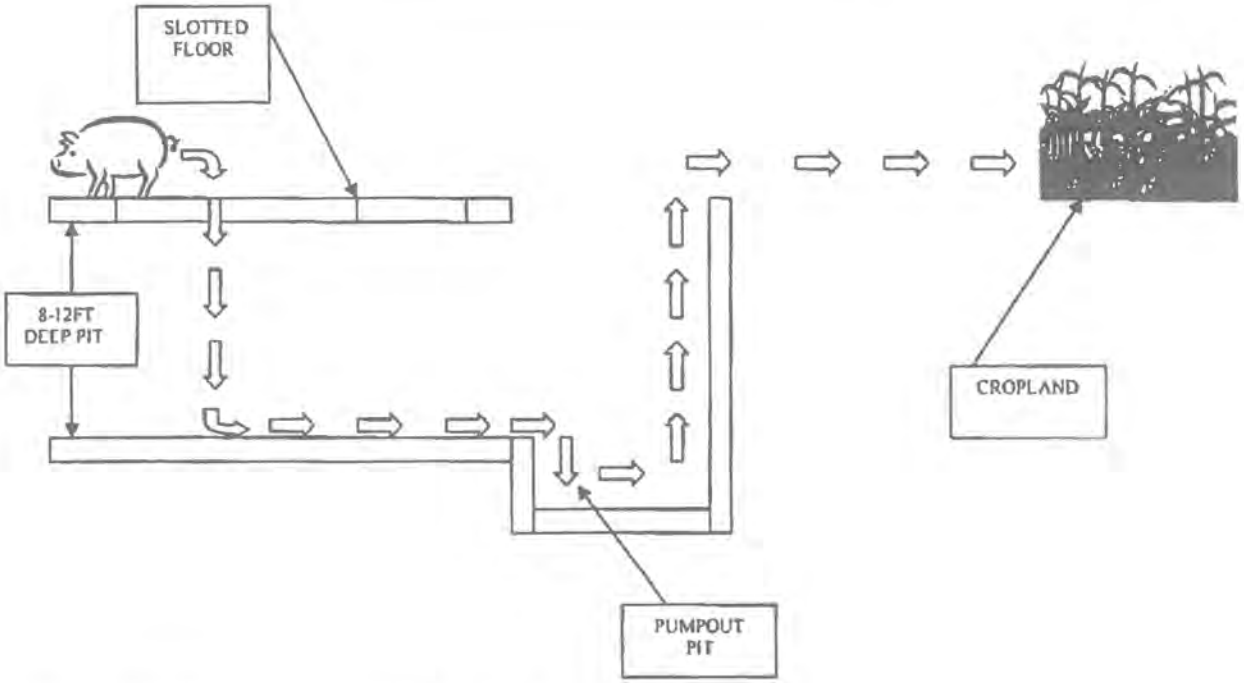


MANURE DIAGRAM FOR BUILDINGS E7 & E8



Application for Certification (Property Tax Treatment) Pollution Control Facility
WIN Productions LLC – Win Pro Sow Farm
By: Maurer-Stutz, Inc

MANURE DIAGRAM FOR BUILDINGS E14 & E15



ATTACHMENT 2: Purpose of Pollution Control Facility

The primary purpose of the facilities is to provide collection and storage for the manure until it can be properly land applied to cropland at agronomic rates.

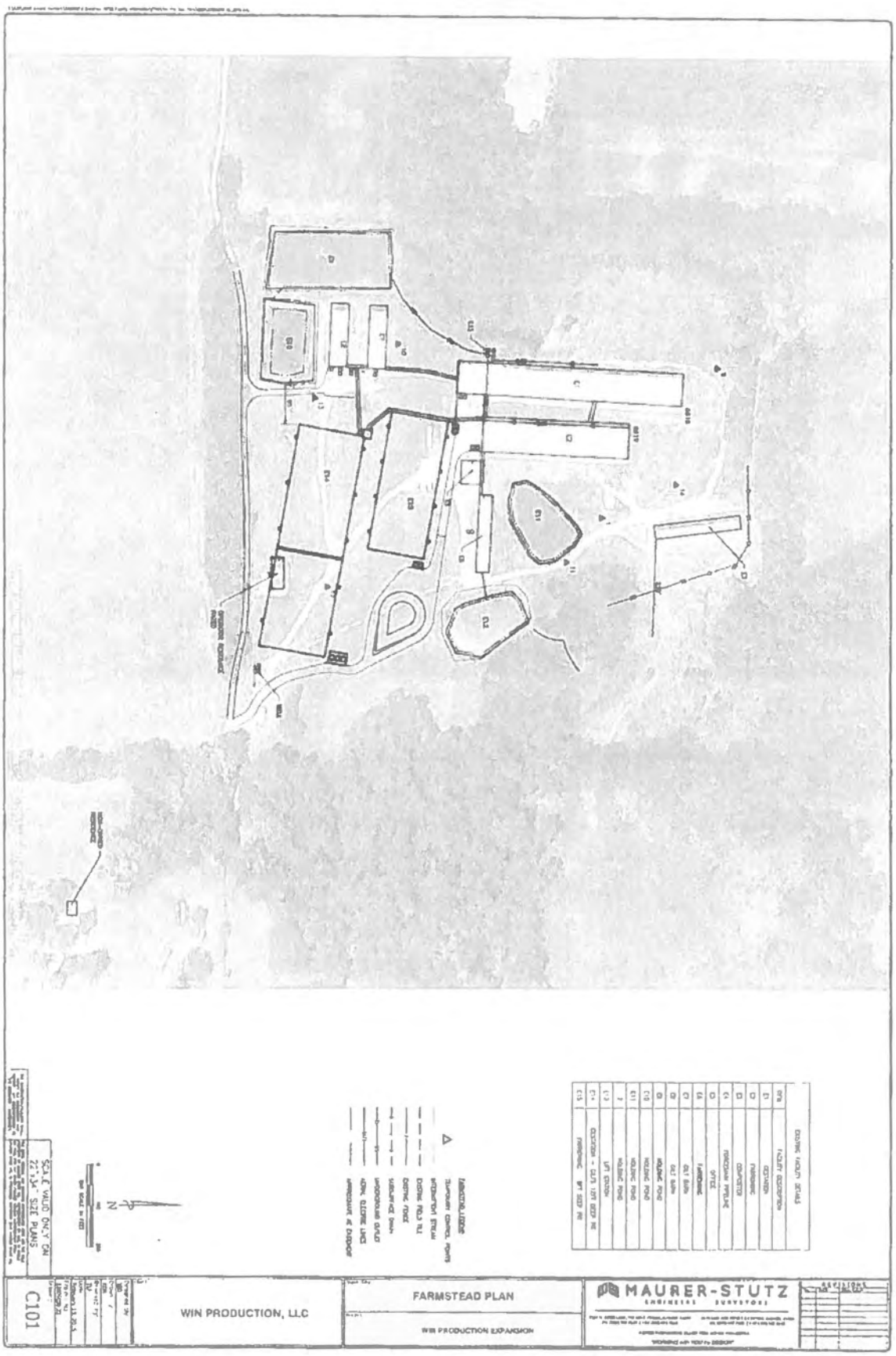
ATTACHMENT 3: Date of First Service

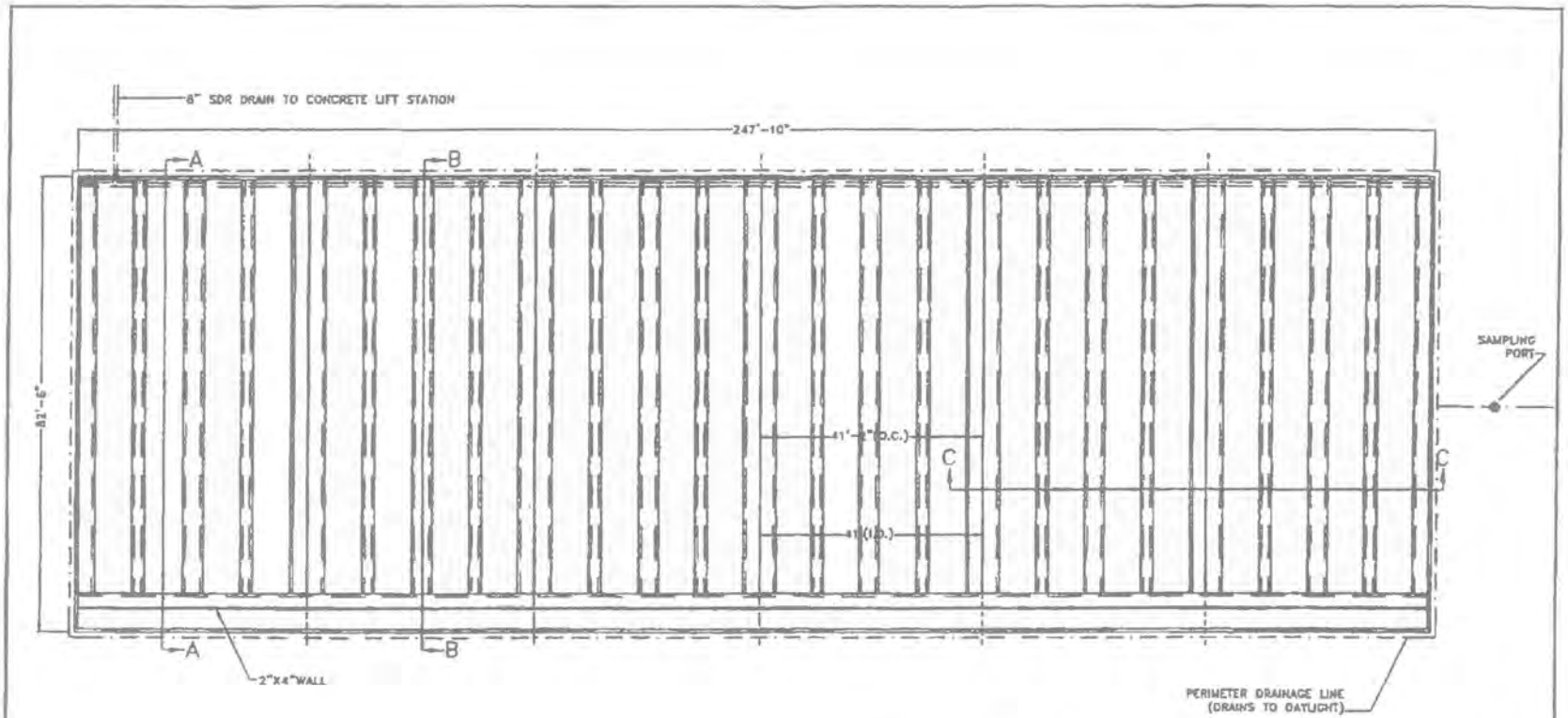
The pollution control facility was first placed into service and operated in 1987. Additional barns expanding the facility were under construction in 2015, with the last constructed being placed into service in 2016.

ATTACHMENT 4: Status of Installation

Facilities described in Attachment 1 are fully constructed and in service as of December 31, 2016.

WIN PRODUCTIONS, LLC - WIN-PRO FARM


WIN PRODUCTION, LLC
FARMSTEAD PLAN
WIN PRODUCTION EXPANSION
MAURER-STUTZ
ENGINEERS
SURVEYORS
C101



GENERAL NOTES

1. CONCRETE CONSTRUCTION SHALL MEET WITH MIDWEST PLAN SERVICE-36, CONCRETE MANURE STORAGES HANDBOOK.
2. THE FOOTINGS ARE TO BE CONSTRUCTED WITH A MINIMUM OF 3,000 PSI CONCRETE.
3. ALL WALLS AND FLOORS ARE TO BE CONSTRUCTED OF A MINIMUM OF 4,000 PSI CONCRETE.
4. THE CONCRETE FLOOR WILL BE A CONTINUOUS POUR
5. EXTERIOR WALL CONSTRUCTION JOINTS WILL BE INSTALLED AT 100' O.C.
6. NO VEHICLE LOADS ALLOWED WITHIN 5' OF PIT WALLS

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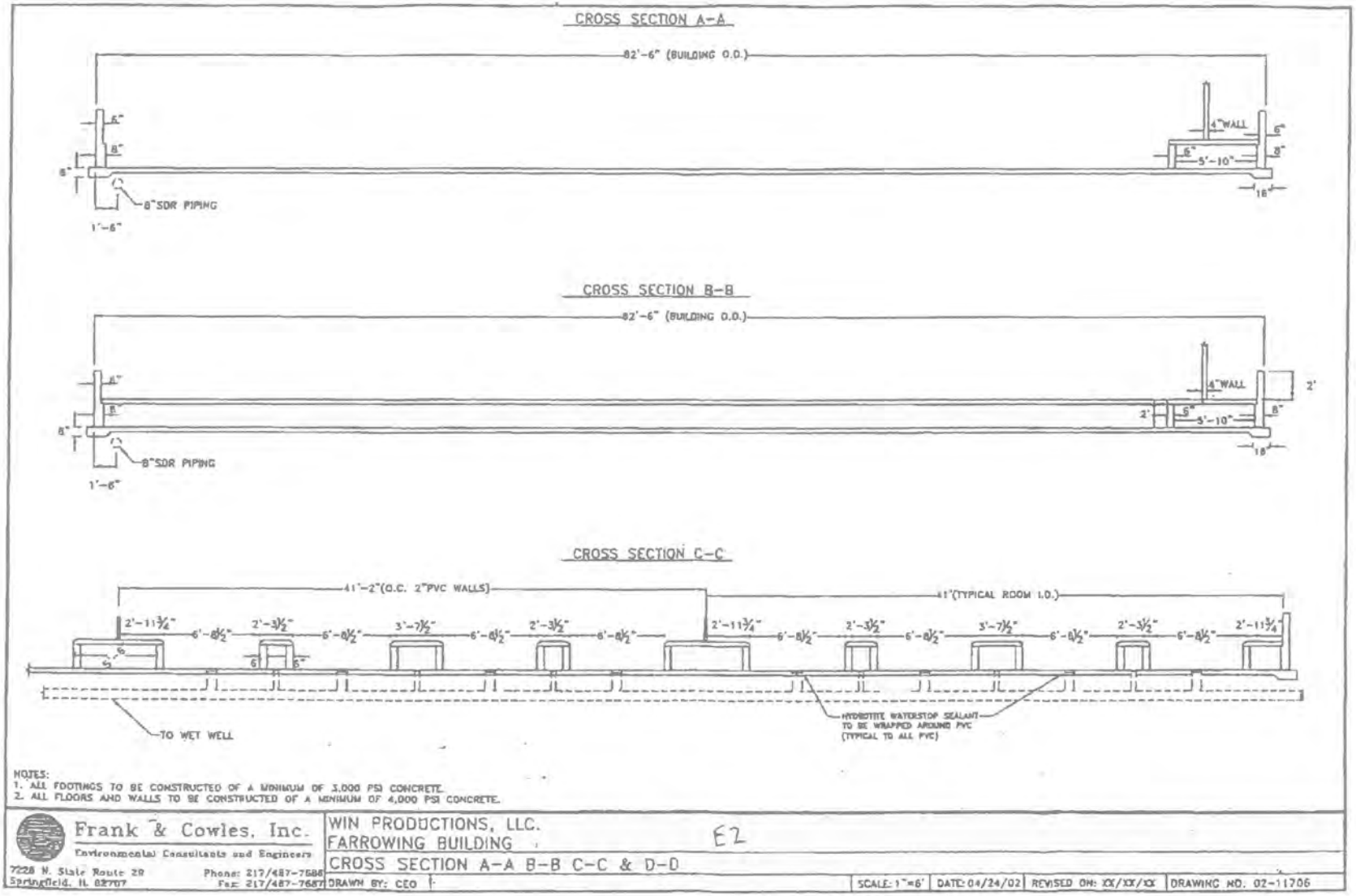
Environmental Consultants and Engineers
7226 N. State Route 29
Springfield, IL 62707
Phone: 217/487-7588
Fax: 217/487-7687

WIN PRODUCTIONS, LLC. E2
FARROWING BUILDING
PLAN VIEW

DRAWN BY: CEO | SCALE: 1"=18' | DATE: 04/26/02 REVISED ON: XX/XX/XX | DRAWING NO. 02-11705



NOTES:
1. ALL FOOTINGS TO BE CONSTRUCTED OF A MINIMUM OF 3,000 PSI CONCRETE.
2. ALL FLOORS AND WALLS TO BE CONSTRUCTED OF A MINIMUM OF 4,000 PSI CONCRETE.

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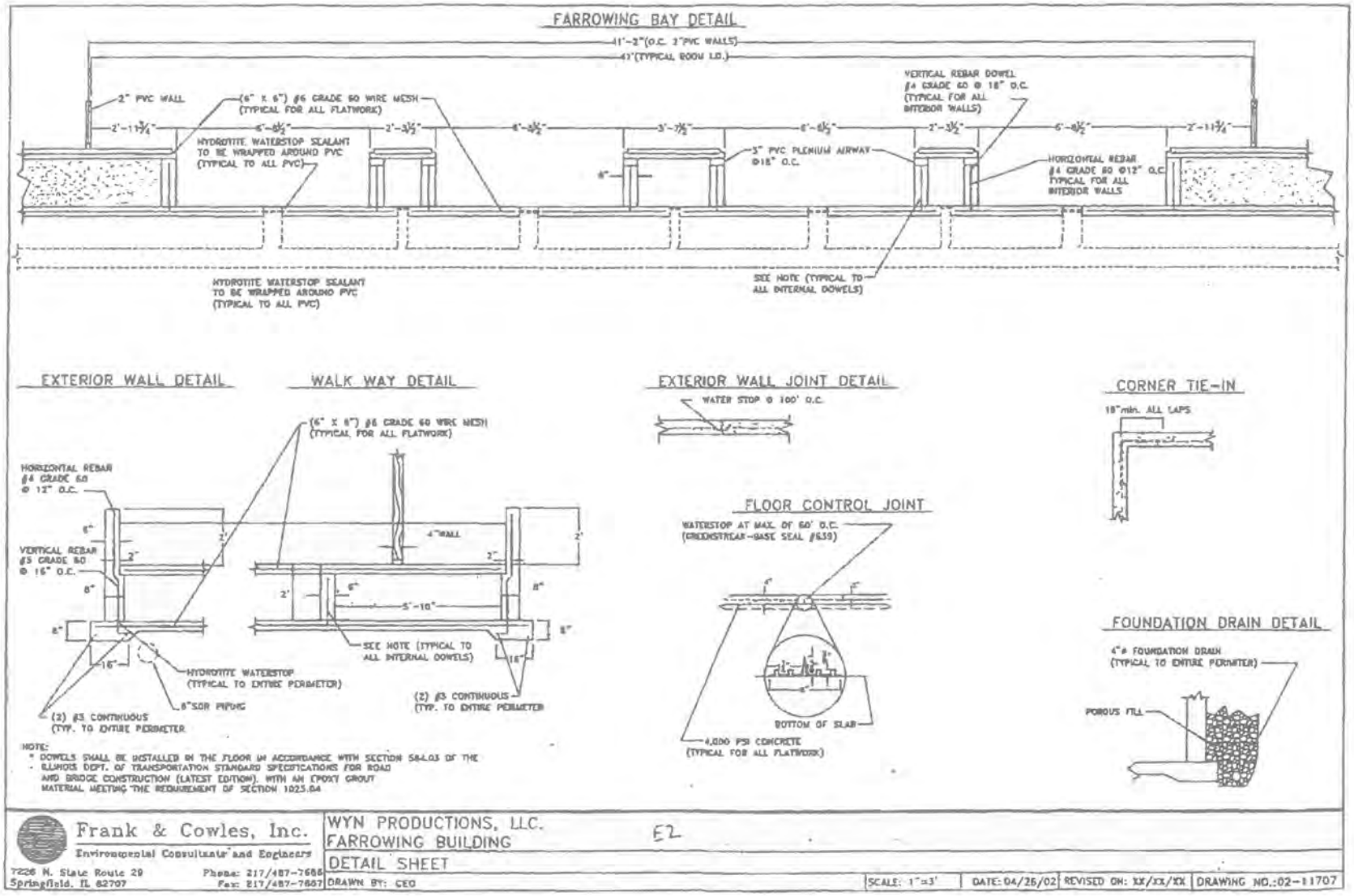
WIN PRODUCTIONS, LLC.
FARROWING BUILDING
E2
CROSS SECTION A-A B-B C-C & D-D

DRAWN BY: CEO	SCALE: 1"=6'	DATE: 04/24/02	REVISED ON: XX/XX/XX	DRAWING NO. 02-11706



Frank & Cowles, Inc.
Environmental Consultants and Engineers
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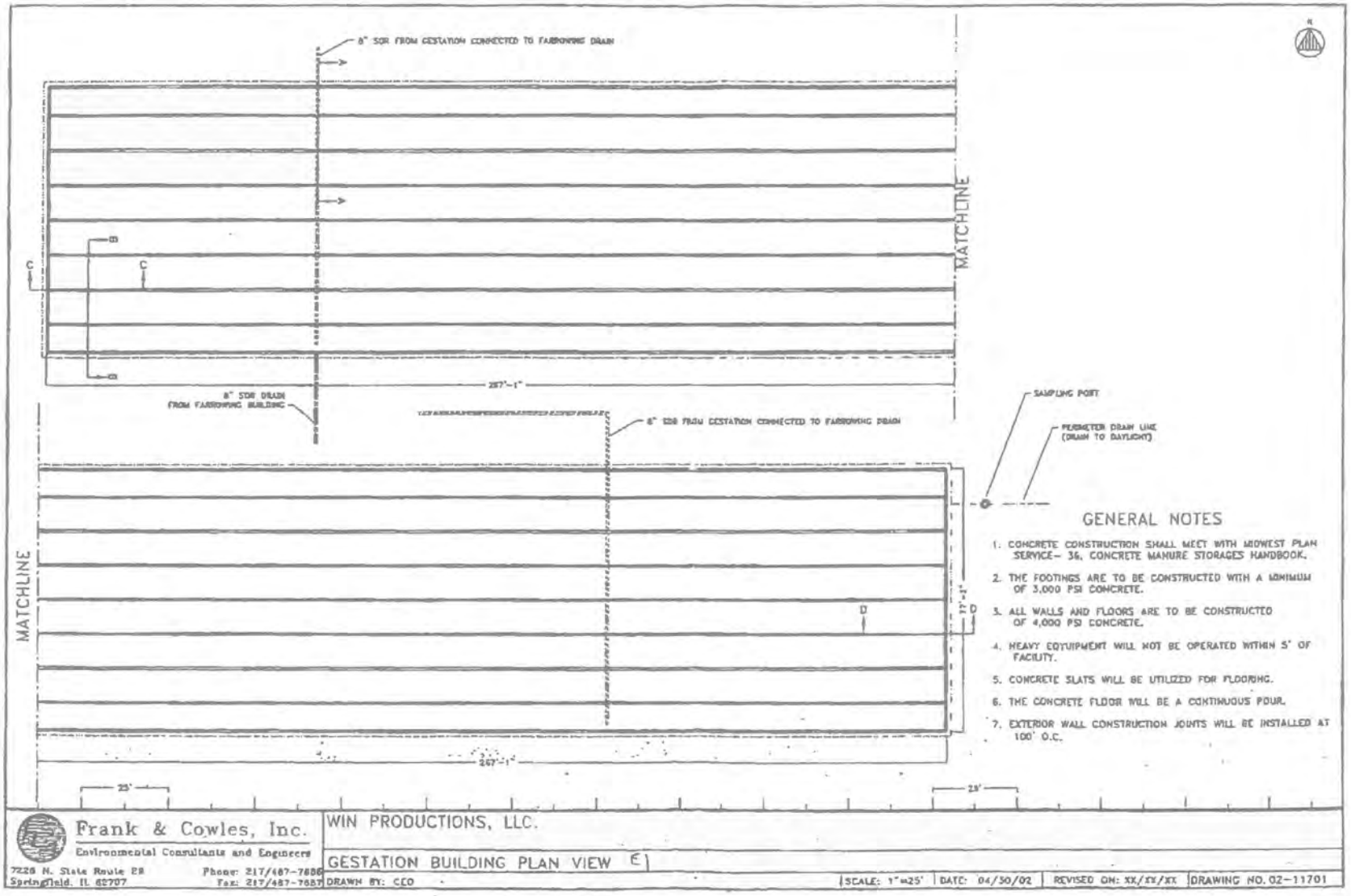
Springfield, IL 62707
Phone: 217/487-7686
Fax: 217/487-7687

WYN PRODUCTIONS, LLC.
FARROWING BUILDING
E2
DETAIL SHEET
DRAWN BY: CEO | SCALE: 1"=3' | DATE: 04/26/02 | REVISED ON: XX/XX/XX | DRAWING NO.:02-11707


8" SDR FROM GESTATION CONNECTED TO FARROWING DRAIN
MATCHLINE
8" SDR DRAIN FROM FARROWING BUILDING
267'-1"
8" SDR FROM GESTATION CONNECTED TO FARROWING DRAIN
SAMPLING POINT
PERIMETER DRAIN LINE (DRAIN TO DAYLIGHT)
MATCHLINE
17'-4"
267'-1"
25'
25'
GENERAL NOTES
1. CONCRETE CONSTRUCTION SHALL MEET WITH MIDWEST PLAN SERVICE- 36, CONCRETE MANURE STORAGES HANDBOOK.
2. THE FOOTINGS ARE TO BE CONSTRUCTED WITH A MINIMUM OF 3,000 PSI CONCRETE.
3. ALL WALLS AND FLOORS ARE TO BE CONSTRUCTED OF 4,000 PSI CONCRETE.
4. HEAVY EQTUIPMENT WILL NOT BE OPERATED WITHIN 5' OF FACILITY.
5. CONCRETE SLATS WILL BE UTILIZED FOR FLOORING.
6. THE CONCRETE FLOOR WILL BE A CONTINUOUS POUR.
7. EXTERIOR WALL CONSTRUCTION JOINTS WILL BE INSTALLED AT 100' O.C.
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Environmental Consultants and Engineers
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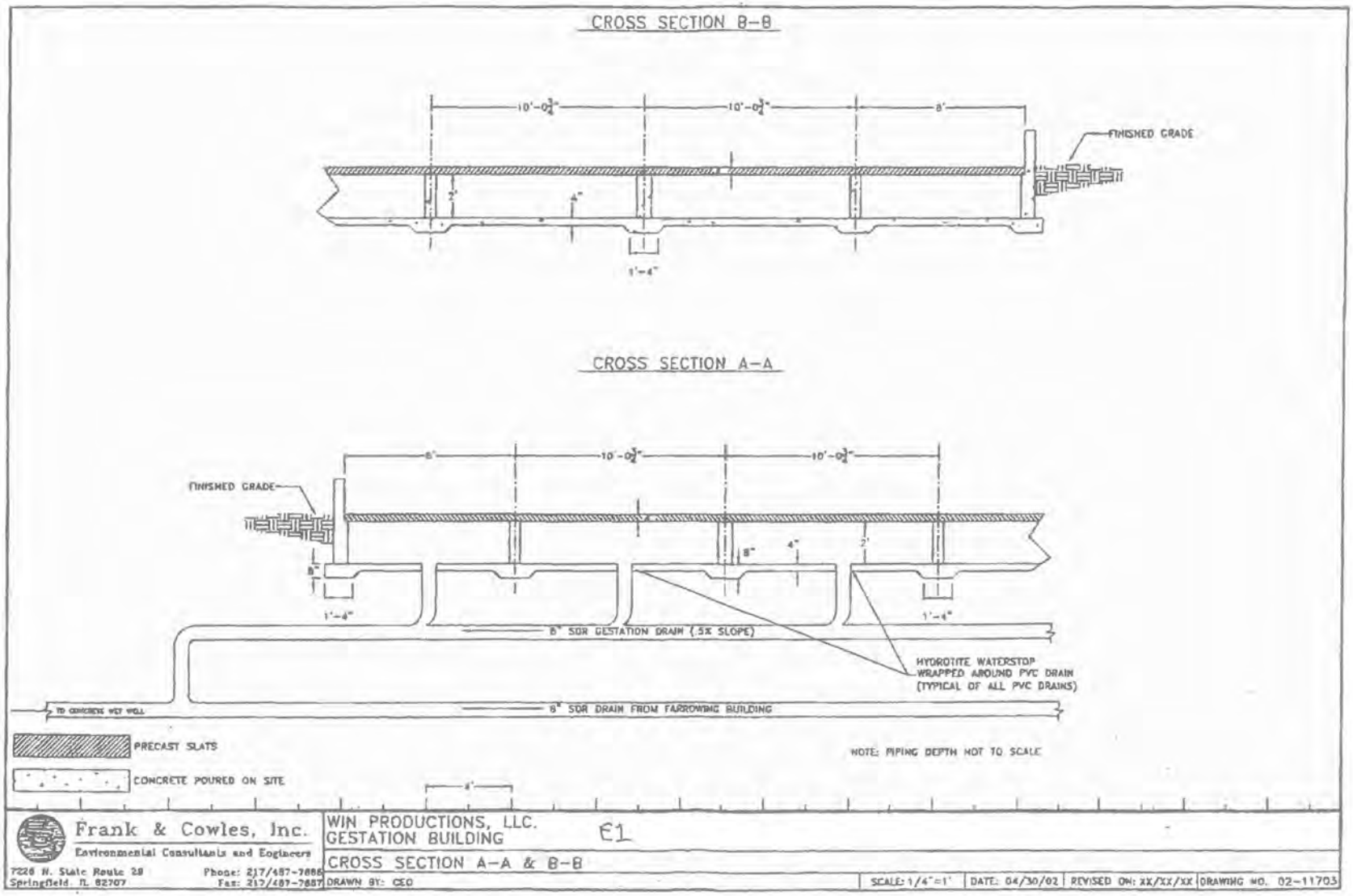
Springfield, IL 62707
Phone: 217/487-7886
Fax: 217/487-7887
WIN PRODUCTIONS, LLC.
GESTATION BUILDING PLAN VIEW E
DRAWN BY: CCO
SCALE: 1"=25'
DATE: 04/30/02
REVISED ON: XX/XX/XX
DRAWING NO. 02-11701


CROSS SECTION B-B
10'-0 3/4"
10'-0 3/4"
8'
FINISHED GRADE
2"
4"
1'-4"
CROSS SECTION A-A
8'
10'-0 3/4"
10'-0 3/4"
FINISHED GRADE
8"
4"
2"
8"
1'-4"
1'-4"
8" SDR GESTATION DRAIN (.5% SLOPE)
HYDROTITE WATERSTOP
WRAPPED AROUND PVC DRAIN
(TYPICAL OF ALL PVC DRAINS)
8" SDR DRAIN FROM FARROWING BUILDING
PRECAST SLATS
CONCRETE POURED ON SITE
NOTE: PIPING DEPTH NOT TO SCALE
4'
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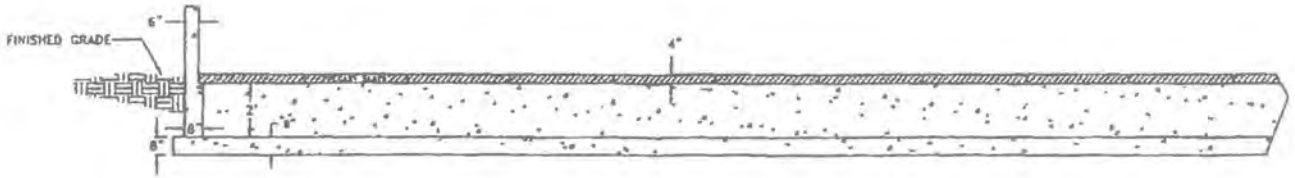
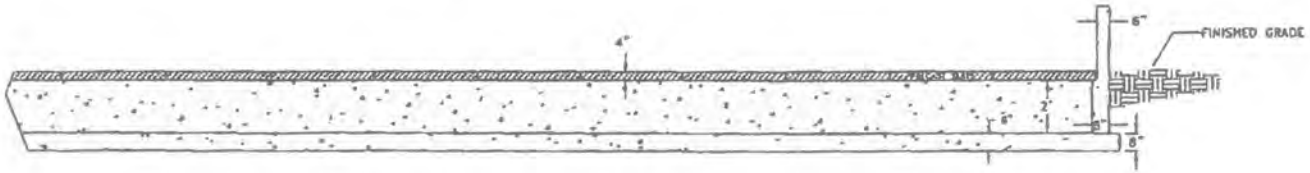
Environmental Consultants and Engineers
7226 N. State Route 29
Springfield, IL 62707
Phone: 217/487-7885
Fax: 217/487-7887
WIN PRODUCTIONS, LLC.
GESTATION BUILDING
E1
CROSS SECTION A-A & B-B
DRAWN BY: CEO
SCALE: 1/4"=1'
DATE: 04/30/02
REVISED ON: XX/XX/XX
DRAWING NO. 02-11703

CROSS SECTION C-C



CROSS SECTION D-D



NOTES:

1. IF FINISHED GRADE IS THREE FEET OR MORE BELOW WHAT IS SHOWN, GREATER EXTERIOR WALL REINFORCEMENT WILL BE NECESSARY
2. ALL FOOTINGS ARE TO BE CONSTRUCTED OF A MINIMUM OF 3,000 PSI CONCRETE.
3. ALL FLOORS AND WALLS ARE TO BE CONSTRUCTED OF A MINIMUM OF 4,000 PSI CONCRETE.

PRECAST SLATS

CONCRETE POURED ON SITE

4'

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Environmental Consultants and Engineers
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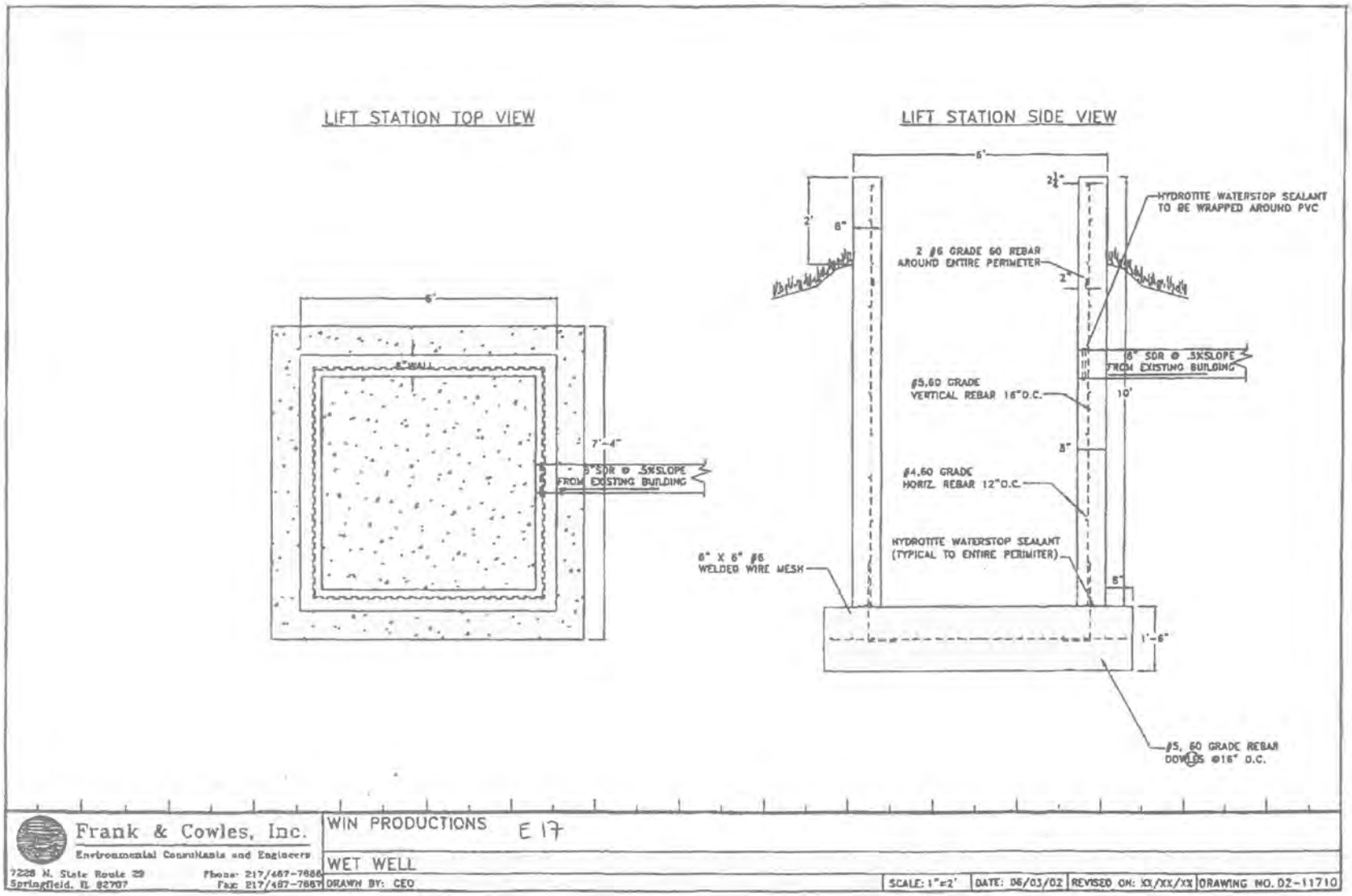
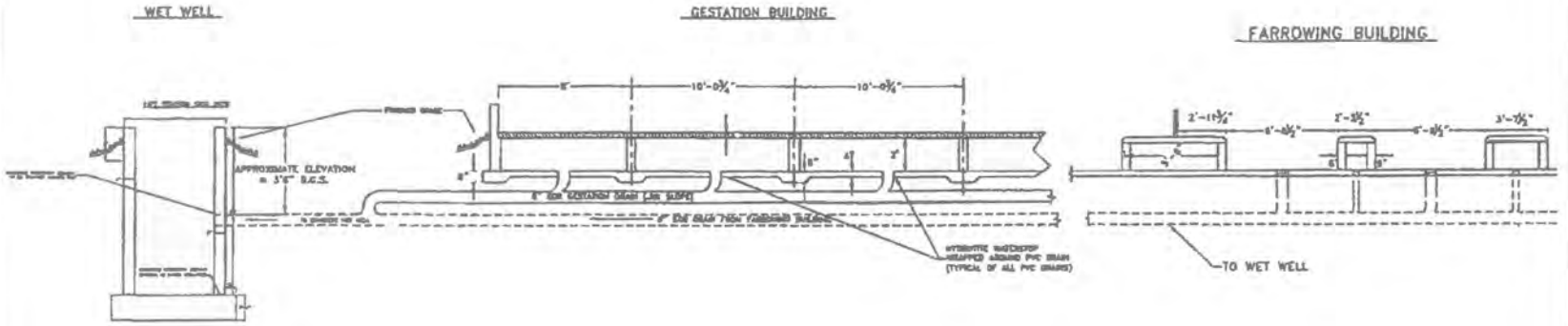
Springfield, IL 62707
Phone: 217/487-7688
Fax: 217/487-7887

WIN PRODUCTIONS, LLC. E1
GESTATION BUILDING
CROSS SECTIONS C-C & D-D

DRAWN BY: CEO | SCALE: 1/4"=1' | DATE: 04/30/02 | REVISED ON: XX/XX/XX | DRAWING NO. 02-11702


LIFT STATION TOP VIEW
6'
8" WALL
7'-4"
8" SDR @ .5%SLOPE
FROM EXISTING BUILDING
LIFT STATION SIDE VIEW
6'
2½"
2'
8"
2 #6 GRADE 60 REBAR
AROUND ENTIRE PERIMETER
2"
HYDROTITE WATERSTOP SEALANT
TO BE WRAPPED AROUND PVC
8" SDR @ .5%SLOPE
FROM EXISTING BUILDING
10'
#5,60 GRADE
VERTICAL REBAR 16"O.C.
8"
#4,60 GRADE
HORIZ. REBAR 12"O.C.
HYDROTITE WATERSTOP SEALANT
(TYPICAL TO ENTIRE PERIMITER)
8" X 6" #6
WELDED WIRE MESH
8"
1'-6"
#5, 60 GRADE REBAR
DOWELS @16" O.C.
Frank & Cowles, Inc.
Environmental Consultants and Engineers
7228 N. State Route 29
Springfield, IL 62707
Phone: 217/487-7886
Fax: 217/487-7887
WIN PRODUCTIONS E17
WET WELL
DRAWN BY: CEO
SCALE: 1"=2'
DATE: 06/03/02
REVISED ON: XX/XX/XX
DRAWING NO. 02-11710



NOTES:
1. LIQUID TRANSFERED TO WET WELL FROM FARROWING OR B/G BUILDING WILL BE PUMPED TO EARTHEN HOLDING POND

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Environmental Consultants and Engineers
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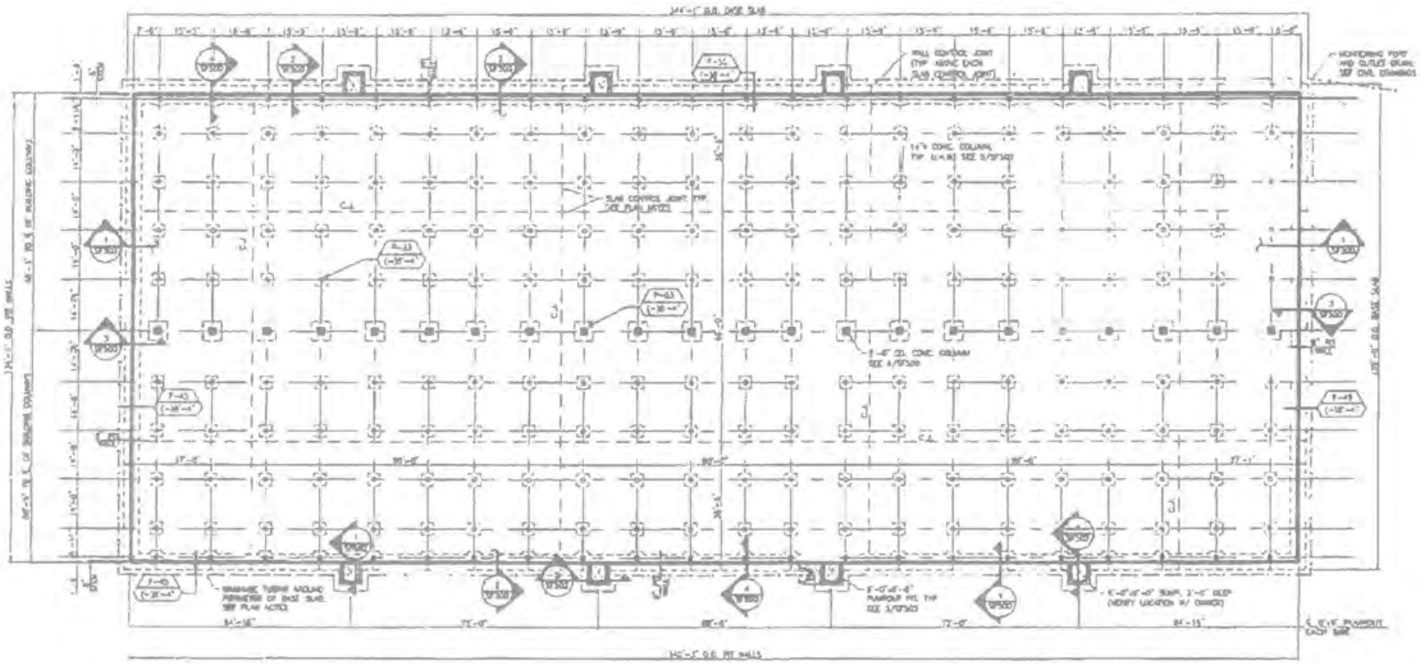
Fax: 217/487-7687

WIN PRODUCTIONS, LLC.
LIVESTOCK FACILTY
DRAINAGE LAYOUT

DRAWN BY: CEO | SCALE: 1"=6' | DATE: 08/03/02 | REVISED ON: XX/XX/XX | DRAWING NO. 02-11711



FOUNDATION PLAN - FARROWING PIT
SCALE: 1/16" = 1'-0"

GENERAL DESIGN:

1. CONCRETE: f'c = 4,000 psi
2. REINFORCEMENT: fy = 60,000 psi
3. ALLOWABLE SOIL BEARING PRESSURE = 1500 psf (NET)
4. FLOOR LIVE LOAD = 65 psf (SOWS)
5. ROOF SNOW LOAD = 20 psf
6. LATERAL SOIL PRESSURE = 80 psf/ft
7. LATERAL MANURE PRESSURE = 62.4 psf/ft
8. SUBGRADE SLAB FRICTION FACTOR = .3 (SANDY SOILS)
9. PRECAST MANUFACTURER = EUSTON PRECAST
10. LOCATION: SCOTT CO., ILLINOIS

PLAN NOTES:

1. THE TANK AND BASE SLAB ARE NOT DESIGNED FOR HYDROSTATIC PRESSURES OR BUOYANCY. MAINTAIN THE GROUND WATER TABLE BELOW THE TOP OF THE BASE SLAB WITH A PERIMETER DRAINAGE SYSTEM.
2. THE CONTRACTOR SHALL ENSURE THE WATER-TIGHTNESS OF THE PIT BY PROPER INSTALLATION AND DETAILING OF THE WATERSTOPS AND JOINT DETAILS AS SHOWN IN THESE PLANS AND PER THE MANUFACTURER'S RECOMMENDATIONS.
3. WATERSTOPS SHOWN IN THESE PLANS SHALL BE AS FOLLOWS:
   - COMPRESSION TYPE WATERSTOP – GREENSTREAK SWELLSTOP OR EQUAL
   - BASE SEAL WATERSTOP – GREENSTREAK #634 OR EQUAL
   - 6" PVC WATERSTOP – GREENSTREAK #704 OR EQUAL AS SHOWN
4. "CJ" DESIGNATES A SLAB CONTROL JOINT IN THE BASE SLAB. THESE JOINTS SHALL BE PROVIDED IN THE SLAB AS SHOWN IN THE PLAN VIEW AND IN ACCORDANCE WITH THE DETAILS ON SHEET S700. DO NOT LOCATE JOINTS WITHIN 8" OF A COLUMN FOOTING OR 3'-0" OF A PUMPOUT.
5. WALL CONTROL OR CONSTRUCTION JOINTS SHALL BE LOCATED ABOVE AND IN LINE WITH EACH SLAB JOINT. SEE DETAILS ON SHEET S700, BUT DO NOT INTERRUPT THE HORIZONTAL REINFORCEMENT IN THE BEAMS AT THE TOP OF EACH WALL. SEE SHEET S750.
6. SEE SHEET SF200 FOR BASE SLAB THICKNESS AND REINFORCEMENT.
7. FOOTINGS SHALL BE CENTERED ON THE RESPECTIVE WALL OR COLUMN UNLESS SHOWN OTHERWISE.
8. TOP OF FOOTING ELEVATIONS ARE SHOWN RELATIVE TO NOMINAL TOP OF FINISH FLOOR ELEVATION = 0'-0". SEE CIVIL SHEETS FOR FINISH FLOOR ELEVATION.
9. OTHER THAN AT THE PIT PUMPOUTS, THE TANK WALLS ARE NOT DESIGNED FOR VEHICULAR SURCHARGE PRESSURE. DO NOT ALLOW VEHICLES OR HEAVY EQUIPMENT WITHIN 5' OF THE TANK WALLS EXCEPT AT THE PUMPOUTS.
10. NO CONDUITS (ELECTRICAL, FRESH WATER, ETC.) SHALL PENETRATE THE PIT WALLS BELOW THE SLATS.
11. TANK MUST BE BACKFILLED TO ELEVATIONS SHOWN ON CIVIL SHEETS PRIOR TO PUTTING LIQUID IN THE TANK. SET PRECAST BEAMS AND GROUT ALL RESULTING GAPS PRIOR TO BACKFILLING.
12. PERIMETER DRAIN TUBING SHALL BE PROVIDED AROUND THE BOTTOM OF THE PIT AS SHOWN IN THE PLAN VIEW. SEE CIVIL DRAWINGS FOR DRAIN OUTLET DETAILS AND SPECIFICATION.
13. DO NOT VARY DEPTH OF BACKFILL MORE THAN 6" FROM SPECIFIED DEPTH ON THE CIVIL SHEETS.
14. REFER TO WRITTEN SPECIFICATIONS FOR SOIL COMPACTION DENSITY.

WALL FOOTING SCHEDULE
(TYPICAL FOOTING MARKER: MARK / ELEV. TOP OF FOOTING)

MARK	WIDTH	DEPTH	LONG. REINF.	TRANS. REINF.	REMARKS
F-15	4'-6"	12"	(5) #5	#4 BARS @ 12"	
F-30	5'-6"	12"	(6) #5	#4 BARS @ 12"	

PAD FOOTING SCHEDULE
(TYPICAL FOOTING MARKER: MARK / ELEV. TOP OF FOOTING)

MARK	WIDTH	LENGTH	DEPTH	LONG. REINF.	TRANS. REINF.	REMARKS
P-53	5'-3"	5'-3"	10"	–	–	
P-63	6'-3"	6'-3"	12"	(7) #5	(7) #5	

SCALE VALID ONLY ON 22"x34" SIZE PLANS

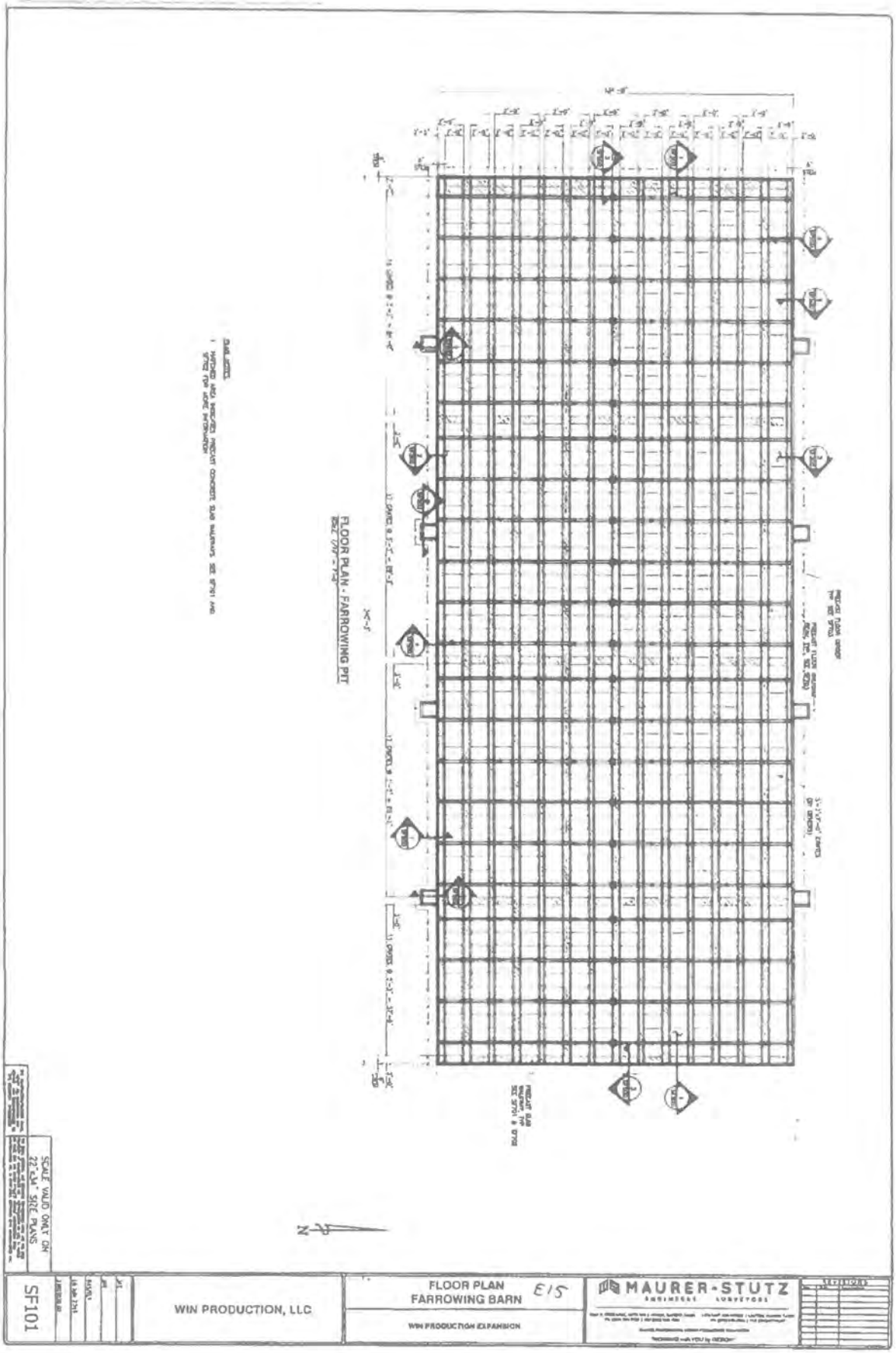
MAURER-STUTZ
ENGINEERS · SURVEYORS

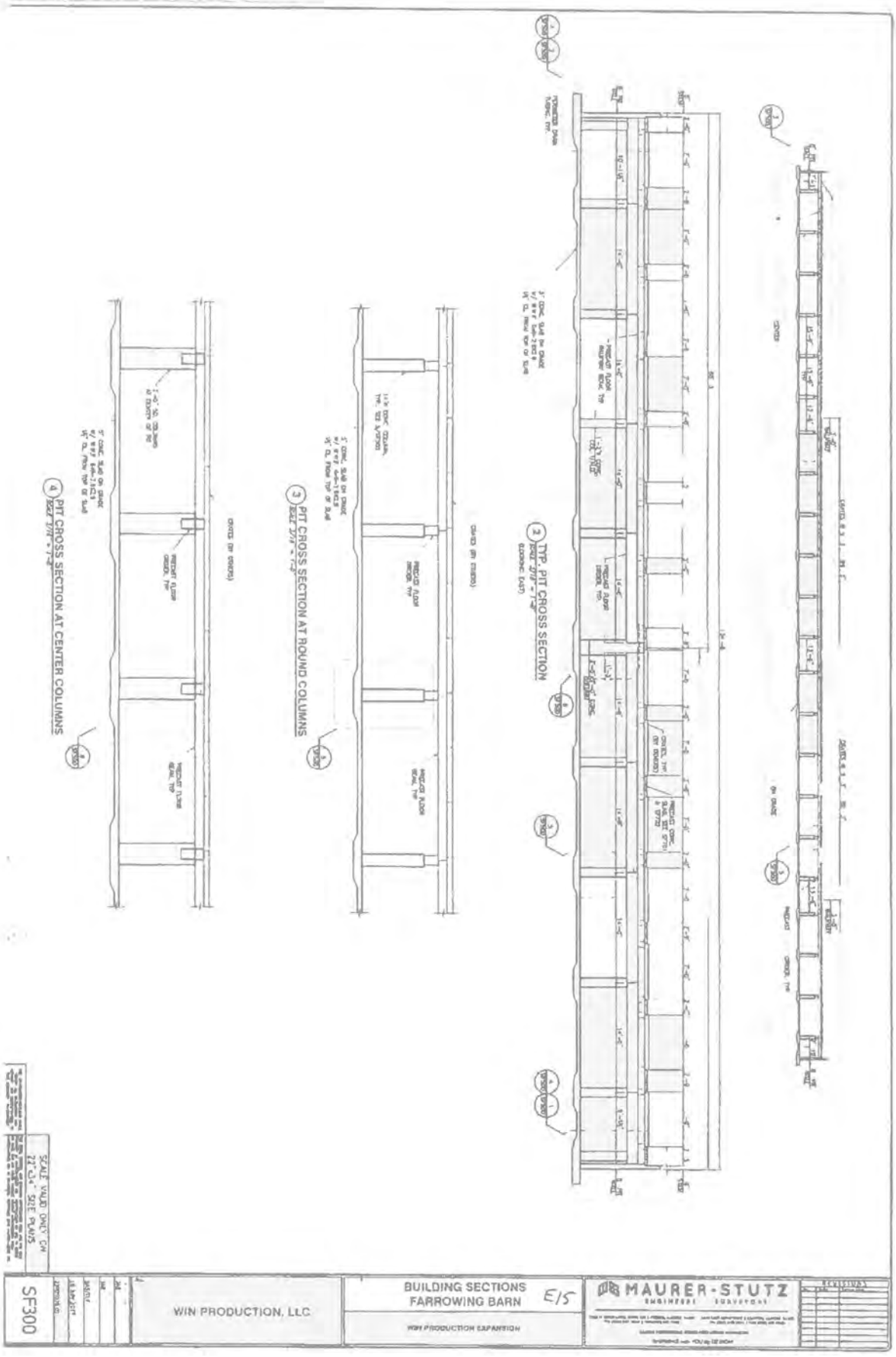
FOUNDATION PLAN
FARROWING BARN

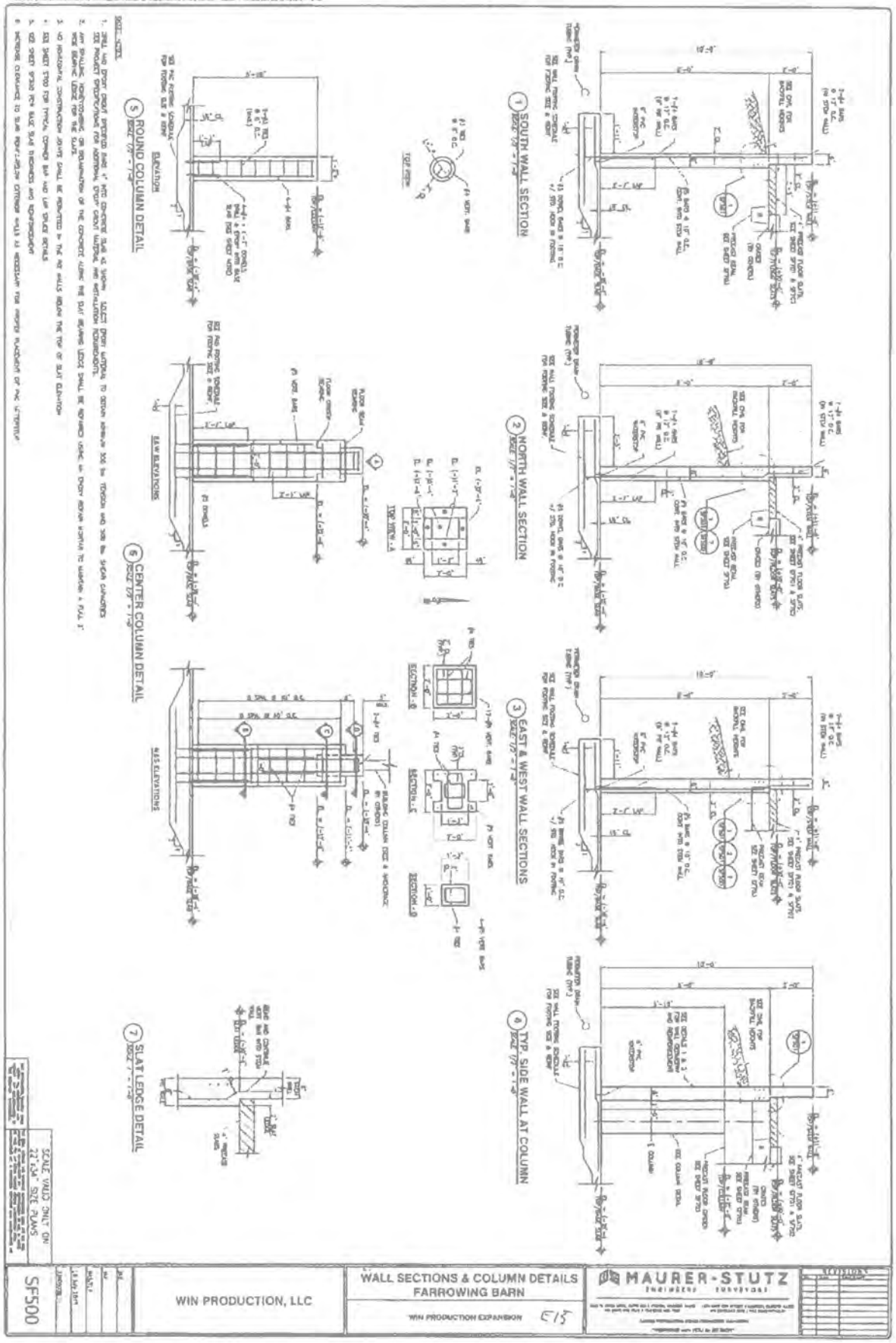
WIN PRODUCTION EXPANSION

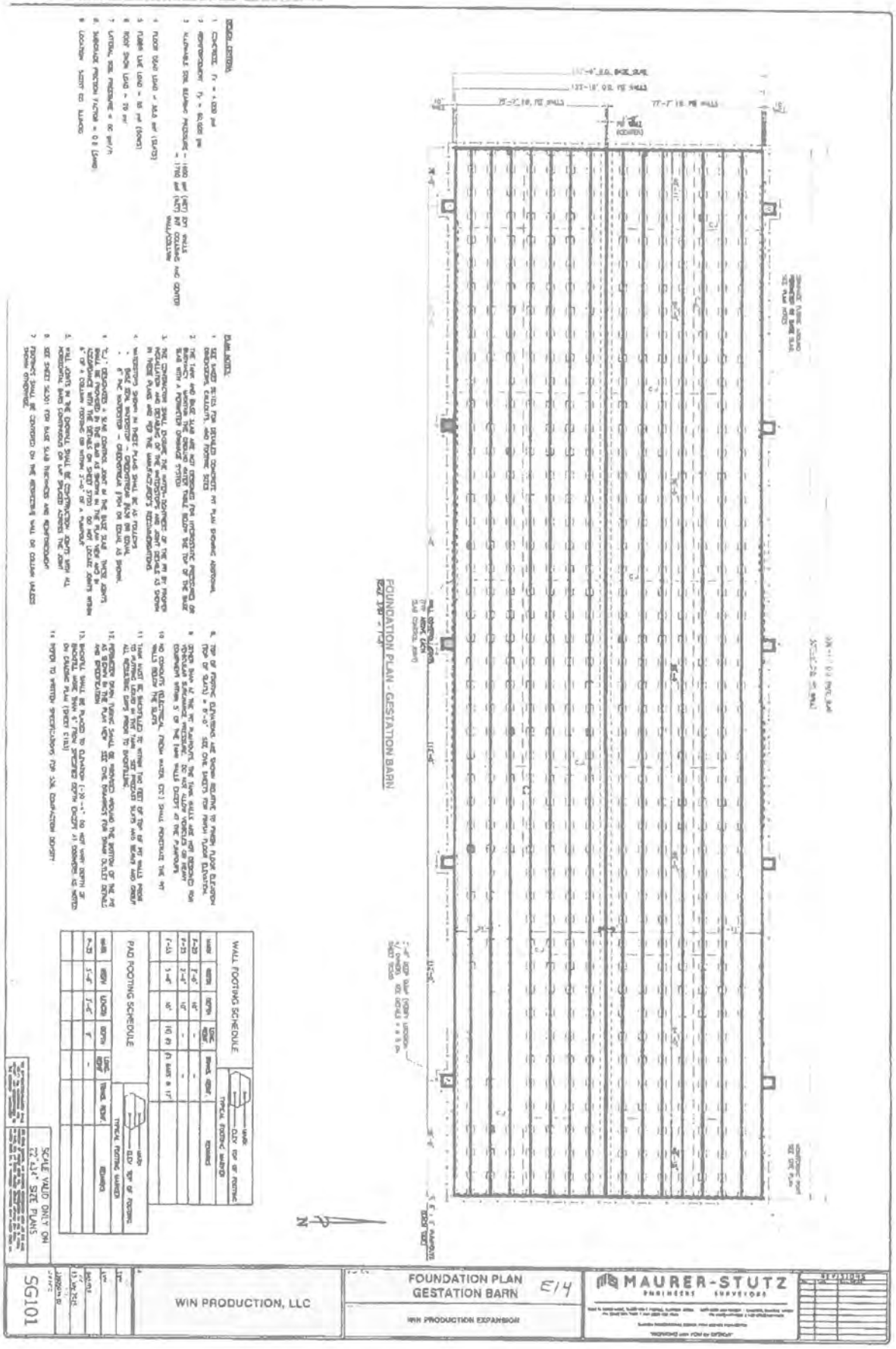
WIN PRODUCTION, LLC

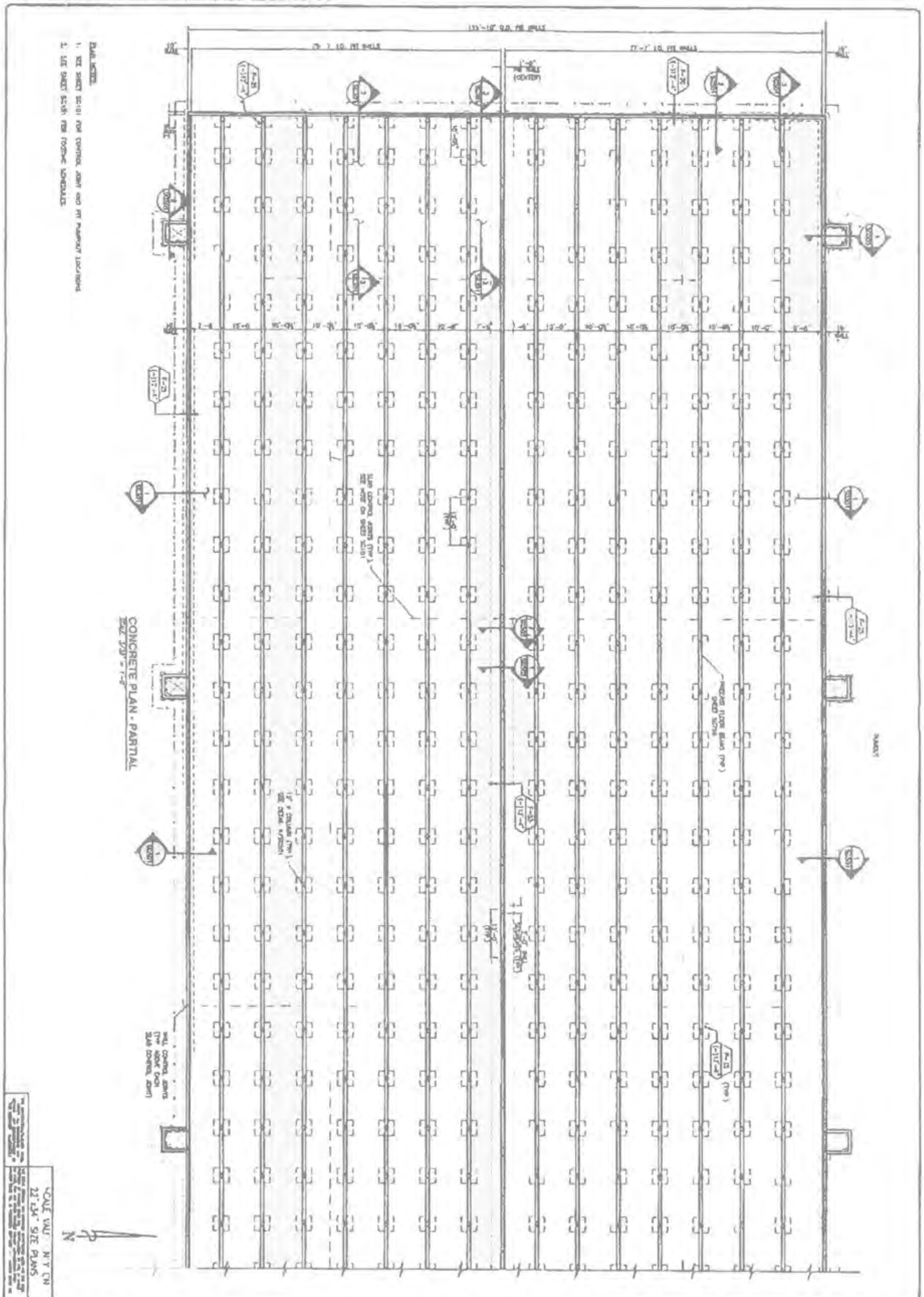
SF100


FLOOR PLAN - FARROWING PIT
WIN PRODUCTION, LLC
FLOOR PLAN
FARROWING BARN
E15
WIN PRODUCTION EXPANSION
MAURER-STUTZ
SF101


4 PIT CROSS SECTION AT CENTER COLUMNS
3 PIT CROSS SECTION AT ROUND COLUMNS
2 TYP. PIT CROSS SECTION
1
WIN PRODUCTION, LLC
BUILDING SECTIONS
FARROWING BARN
E15
MAURER-STUTZ
SF300

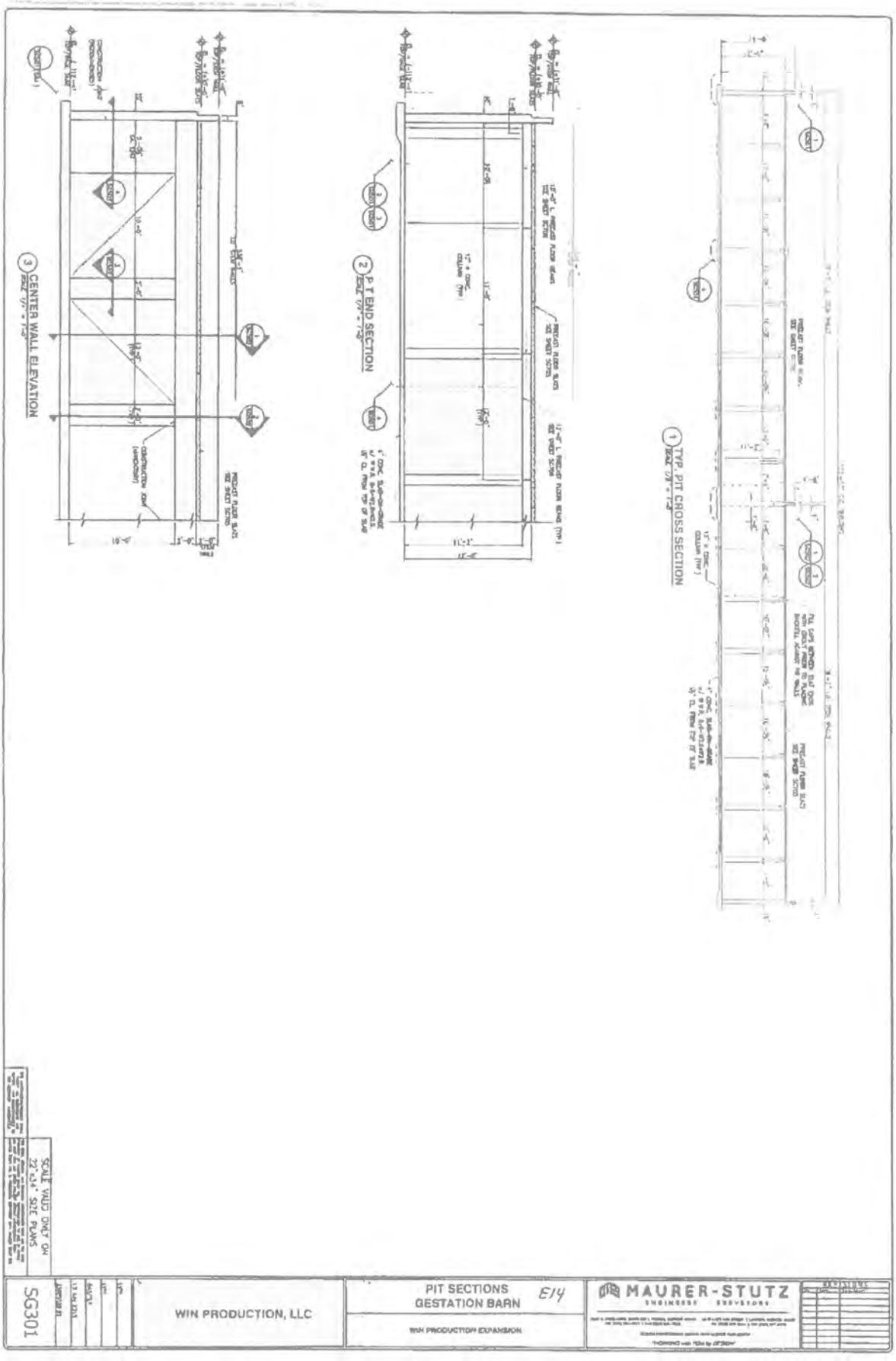

1 SOUTH WALL SECTION
2 NORTH WALL SECTION
3 EAST & WEST WALL SECTIONS
4 TYP. SIDE WALL AT COLUMN
5 ROUND COLUMN DETAIL
6 CENTER COLUMN DETAIL
7 SLAT LEDGE DETAIL
WIN PRODUCTION, LLC
WALL SECTIONS & COLUMN DETAILS
FARROWING BARN
WIN PRODUCTION EXPANSION
E15
MAURER-STUTZ
SF500

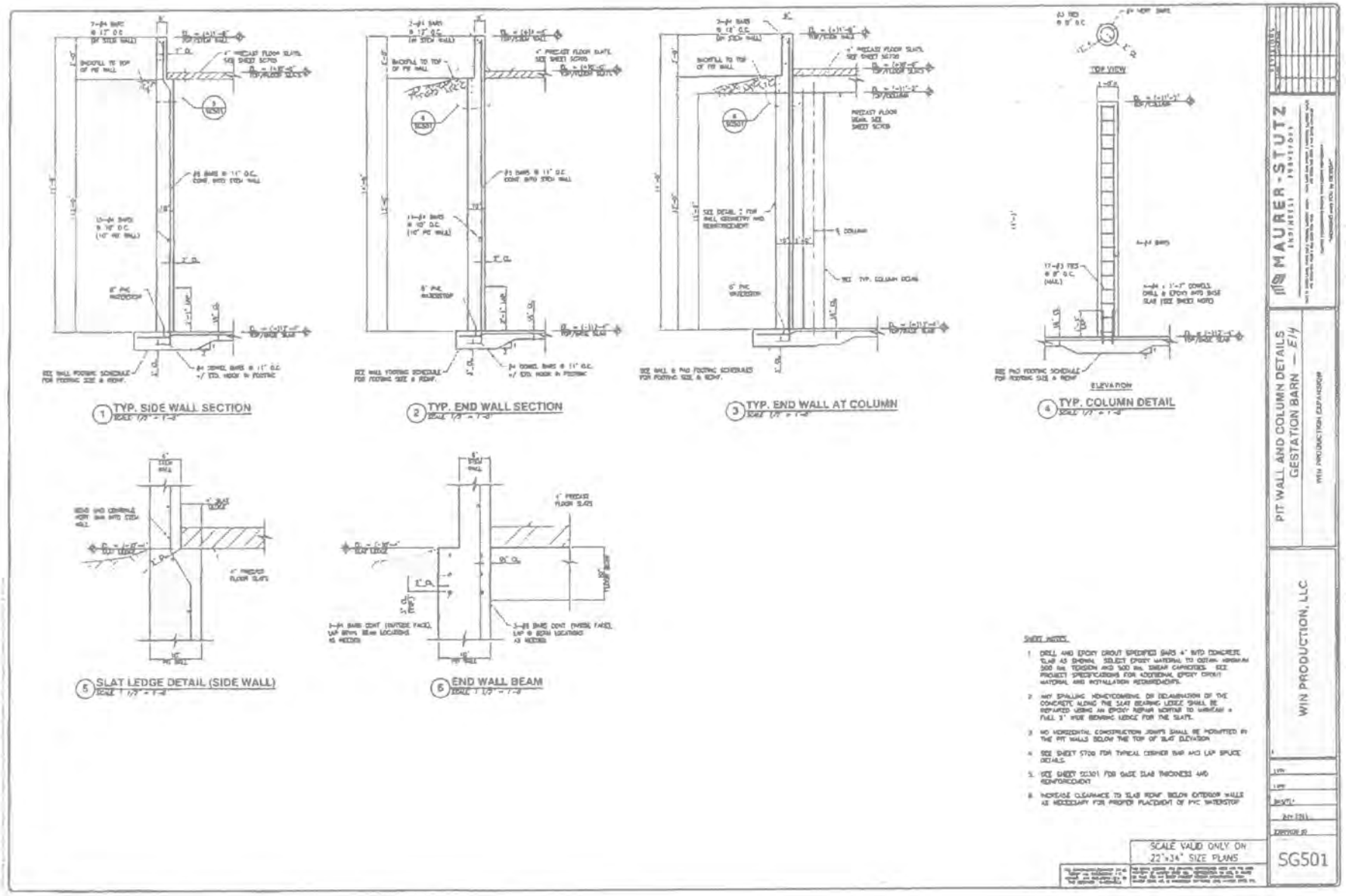

FOUNDATION PLAN - GESTATION BARN
WALL FOOTING SCHEDULE
PAD FOOTING SCHEDULE
WIN PRODUCTION, LLC
FOUNDATION PLAN
GESTATION BARN
E14
MAURER-STUTZ
WIN PRODUCTION EXPANSION
SG101

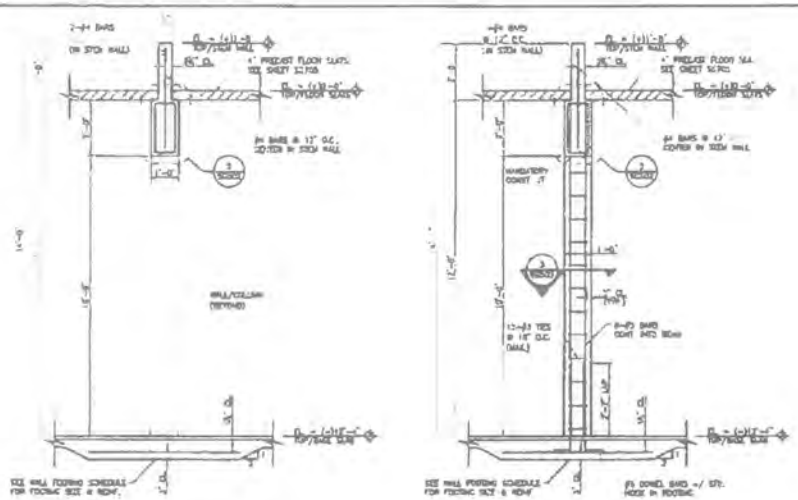


SG105	WIN PRODUCTION, LLC	CONCRETE PIT PLAN GESTATION BARN E14
		WIN PRODUCTION EXPANSION

MAURER-STUTZ
ENGINEERS SURVEYORS

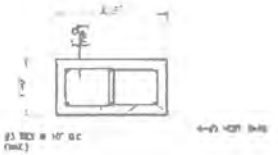

3 CENTER WALL ELEVATION
2 P T END SECTION
1 TYP. PIT CROSS SECTION
SCALE VALID ONLY ON 22"x34" SIZE PLANS
SG301
WIN PRODUCTION, LLC
PIT SECTIONS
GESTATION BARN
E14
WIN PRODUCTION EXPANSION
MAURER-STUTZ
ENGINEERS SURVEYORS


1 TYP. SIDE WALL SECTION
2 TYP. END WALL SECTION
3 TYP. END WALL AT COLUMN
4 TYP. COLUMN DETAIL
ELEVATION
5 SLAT LEDGE DETAIL (SIDE WALL)
6 END WALL BEAM
SHEET NOTES
1 DRILL AND EPOXY GROUT SPECIFIED BARS 4" INTO CONCRETE SLAB AS SHOWN. SELECT EPOXY MATERIAL TO OBTAIN MINIMUM 300 lbs TENSION AND 500 lbs SHEAR CAPACITIES. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL EPOXY GROUT MATERIAL AND INSTALLATION REQUIREMENTS.
2 ANY SPALLING, HONEYCOMBING, OR DELAMINATION OF THE CONCRETE ALONG THE SLAT BEARING LEDGE SHALL BE REPAIRED USING AN EPOXY REPAIR MORTAR TO MAINTAIN A FULL 3" WIDE BEARING LEDGE FOR THE SLATS.
3 NO HORIZONTAL CONSTRUCTION JOINTS SHALL BE PERMITTED IN THE PIT WALLS BELOW THE TOP OF SLAT ELEVATION.
4 SEE SHEET S700 FOR TYPICAL DOWEL BAR AND LAP SPLICE DETAILS.
5 SEE SHEET S2301 FOR SLAB THICKNESS AND REINFORCEMENT.
6 INCREASE CLEARANCE TO SLAB ROW BELOW EXTERIOR WALLS AS NECESSARY FOR PROPER PLACEMENT OF PVC WATERSTOP.
SCALE VALID ONLY ON 22"x34" SIZE PLANS
MAURER-STUTZ
PIT WALL AND COLUMN DETAILS
GESTATION BARN — E/4
WIN PRODUCTION EXPANSION
WIN PRODUCTION, LLC
SG501

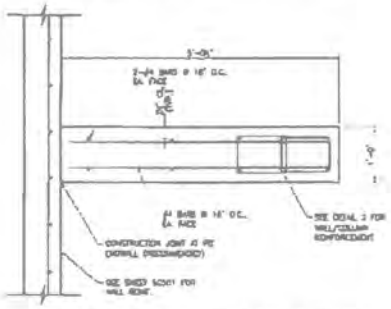


1 CENTER WALL/BEAM SECTION

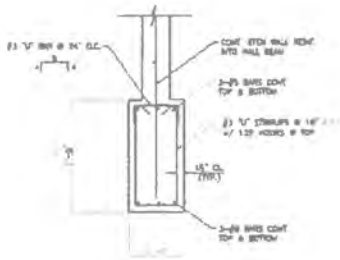
2 CENTER WALL/COLUMN SECTION



3 CENTER WALL/COLUMN DETAIL



4 CENTER WALL/COLUMN DETAIL @ END WALL



5 CENTER WALL/COLUMN BEAM

SHEET NOTES:

1. ANY SPALLING, HONEYCOMBING, OR DELAMINATION OF THE CONCRETE ALONG THE SLAT BEARING LEDGE SHALL BE REPAIRED USING AN EPOXY MODIFIED MORTAR TO MAINTAIN A FULL 2" WIDE BEARING LEDGE FOR THE SLATS.
2. SEE SHEET S7501 FOR TYPICAL CORNER BAR AND LAP SPLICE DETAILS.
3. SEE SHEET SC501 FOR BASE SLAB THICKNESS AND REINFORCEMENT

MAURER-STUTZ ENGINEERS

CENTER PIT WALL DETAILS
GESTATION BARN

WIN PRODUCTION EDIFARBOR

WIN PRODUCTION, LLC

SCALE VALID ONLY ON 22"x34" SIZE PLANS

SG502

Han, Wei

From: Terry L. Feldmann <tlfeldmann@mstutz.com>
Sent: Thursday, February 20, 2020 4:51 PM
To: Han, Wei
Cc: Daniel N. Feucht
Subject: [External] FW: WIN Production
Attachments: Sure Win Revised PTAX_2.11.20.pdf; WinPro PTAX Revised 2-20-20.pdf

Good Afternoon Wei,

Gayle gave me the message per your call earlier this month for the applications that we submitted for our client WIN Production. As the project manager for these project/facilities, I apologize for not having all the details originally. Subsequent to consultation with owner/operator Brian Bradshaw, Member-Manager, we are submitting the attached revised/corrected facility descriptions.

Log number TC-142189: Winchester Location

- We added the pipe lengths for the gravity and forcemains that were missing previously.

Log number TC-142191: Astoria Location.

- We confirmed that the composting building is only used for mortality composting for several years now and no longer stores machinery or equipment. Please see the added layout drawing.
- Regarding E15 and E16, we added a drawing showing a simple cross-section for these barns showing the concrete manure collection and transfer gutters that run the length of the barns.

Let me know if this answers your questions or if you have any further.

Sincerely,

Terry L. Feldmann, PE
MAURER-STUTZ | **Principal/Agricultural Services Manager**
3116 N. Dries Lane Suite 100 | Peoria, IL 61604
Ph: (309) 693-7615 | Fax: (309) 693-7616 | Cell: (309) 251-6962
Email: TLFeldmann@mstutz.com | Website: www.mstutz.com

Connect with me at: www.linkedin.com/in/terry-feldmann-agricultural-engineering

From: Gayle C. Baker <gcbaker@mstutz.com>
Sent: Thursday, February 06, 2020 10:16 AM
To: Daniel N. Feucht <dnfeucht@mstutz.com>
Cc: Terry L. Feldmann <tlfeldmann@mstutz.com>
Subject: WIN Production

Wei Han called with modifications to the Win Pro tax certifications.

Log number TC-142189: Winchester Location. Pump Station (E13) there is a gravity line and force main. Needs a length of the pipes (force main and gravity). Force main E13 to E9 length.

Log number TC-142191: Astoria Location.

- E2 roofed composter facility and machine storage – need to clarify if it is only used for compost. Submit drawings.
- E15 and E16: not a pollution control facility. Could certify of the gutter on the facility. Need a drawing. Portions could be certified but would need to understand better the pollution control facility areas of the structure.

Send modifications to Wei Han by email.

Gayle C. Baker, P.E.
MAURER-STUTZ| Agricultural Services Engineer
3116 N. Dries Lane Suite 100 | Peoria, IL 61604
Ph: (309) 693-7615 | Fax: (309) 693-7616 | Cell: (563) 380-8720
Email: gcbaker@mstutz.com | Website: www.mstutz.com

Application for Certification (Property Tax Treatment) Pollution Control Facility
WIN Productions LLC – Win Pro Sow Farm
By: Maurer-Stutz, Inc

ATTACHMENT 1: Facility Pollution Control Facility Description

The site consists of the following swine buildings and pollution control facilities.

E1	534'-2" x 77'-3" x 2'	Shallow concrete pit below precast slats
E2	343' x 82'-6" x 2'-0"	Shallow concrete pit below slotted flooring
E3	204' x 36' x 6'-0"	Concrete roofed mortality compost facility
E6	184'-0" x 32'-0" x 2'-0"	Shallow concrete pit below slotted flooring
E7	157'-8" x 39'-6" x 2'-0"	Shallow concrete pit below precast slats
E8	157'-8" x 39'-6" x 2'-0"	Shallow concrete pit below precast slats
E9	135' x 285' x 12' w/ 3:1 SS	Earthen Holding Pond w/ soil liner
E10	120' x 185' x 12' w/ 3:1 SS	Earthen Holding Pond w/ soil liner
E11	100' x 200' x 12' w/ 3:1 SS	Earthen Holding Pond w/ soil liner
E12	74' x 154' x 10' w/ 3:1 SS	Earthen Holding Pond w/ soil liner
E13	6' x 6' x 10'	Lift Station – concrete
E14	537'-1" x 155'-9" x 12'-0"	Deep concrete pit below precast slats
E15	340'-2" x 134'-8" x 8'-0"	Deep concrete pit below slotted flooring

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The barn labelled E2 serves as a farrowing facility equipped with slatted flooring over a 2'-0" concrete pits with 4" thick base slabs. In between the pits are walkways with 4" thick concrete slabs of various widths depending on the use of the walkway. The pits are 6'-8.5" wide and 74'-10" long. The barn consists of 34 pits. The exterior building walls (including the north pit wall) are 8" thick with footings that are 8" thick and 1'-6" wide. The remaining pit walls are 6" thick. The pits utilize pull plugs and drain via an 8" SDR-35 PVC sewer pipe to lift station E13. The barn contains 34 pull plug locations. There is 500 FT of 8" diameter PVC to transfer the manure to the lift station E13.

The building identified as E1 on the plans is a gestation building with fully slatted floors. The building contains 2ft deep pits that consists of a 4" thick base slab and 8" thick pit end walls. Precast concrete slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pit. The precast floors are supported by 6" wide by 2' tall interior pit walls. The pit end and interior walls have footings that are 8" thick and 1'-4" wide. The pits utilize pull plug and drain via an 8" SDR-35 PVC sewer pipe to lift station E13. The barn contains 16 pull plug locations. There is 550 FT of 8" diameter PVC pipe to transfer the manure to the lift station E13.

The lift station E13 is a concrete precast structure 6ft x 6ft and 10ft deep. The 8" PVC gravity sanitary sewers that drain buildings E1, E2, and E6 flow into the lift station. A permanent 10HP pump in the lift station is connected to 300 FT of 4" SDR-26 PVC (Force-main) which transfers the manure to holding pond E9.

The barn labelled E6 serves as a farrowing facility equipped with slotted flooring over a 2'-0" deep concrete pit consisting of a 4" thick slab. The pit walls are 8" thick with footings that are 9" thick and 2'-0" wide. The pit utilizes pull plugs and drains via an 8" SDR-35 PVC sewer pipe to the lift station. The barn contains 36 pull plug locations. There is 400 FT of 8" diameter PVC pipe to transfer the manure to the lift station.

The buildings identified as E7 and E8 on the plans are of equal size and dimensions having 2ft deep pits below fully slatted floors that consist of a 4" thick base slab and 8" thick exterior pit walls. Precast concrete slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pits. The exterior walls have footings that are 9" thick and 2'-0" wide. Walls within the pit are 6" in diameter, 2'-0" tall support the 4" thick precast concrete slotted gang slat floor. The pits utilize pull plugs and drain via an 8" SDR-35 PVC sewer pipe to earthen holding pond E10. The barns contain 36 pull plug locations apiece. There is 200 FT of 8" diameter PVC pipe to transfer the manure to the holding pond E9.

Additional storage is available at the facility in holding pond E11. Manure is transferred from other holding ponds to E11 if necessary, using a portable manure transfer pump and hose system.

Holding pond E9 contains a 35 ft of 8" diameter PVC gravity pipe to transfer effluent to holding pond E10. There is a recycle flush pump in holding pond E10 used recharge shallow pit barns E1, E2, E6, E7, and E8. The barns are recharged with water from the holding pond to aid in solids removal and ease in manure handling.

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The building identified as E14 on the plans is a gestation building with a 12ft deep concrete pit that consists of a 4" thick slab and 10" thick pit walls. Precast concrete slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pit. The walls have footings that are 10" thick and 2'-6" wide. Columns within the pit are 12" in diameter, 11'-2" tall and supported by 42"x42" square footings. The columns support 8"x10"x12ft long precast concrete floor beams. The floor beams support a 4" thick precast concrete slotted gang slat floor. Each pumpout pit is 6'0" x 6'-0" with 8" thick walls. Footings around the pumpout pit walls measure 1'-6" by 1'-4" inches thick. The recessed sump area is 5'-4" x 3'-10" x 11" deep. The barn has 10 pumpout pits that enable manure agitation and allow manure transfer through a hose for field application or to the additional storage. A perimeter drain is used to control the seasonal high water table. The total length of 4" corrugated perforated pipe perimeter drain is 1429 ft with a 165 ft 6" diameter dual wall plastic pipe outlet.

The building identified as E15 on the plans is a farrowing building with an 8ft deep concrete pit that consists of a 5" thick slab and 8" thick pit walls. Slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pit. The walls have footings that are 12" thick and 4'-6" wide. Columns within the pit are 14" in diameter, 7'-2" tall and supported by 39"x39" square footings. The columns support 8"x10"x12ft long precast concrete floor beams. The floor beams support a 4" thick precast concrete slotted gang slat floor. Each pumpout pit is 6'0" x 6'-0" with 8" thick walls. Footings around the pumpout pit walls measure 1'-6" by 1'-4" inches thick. The recessed sump area is 5'-4" x 3'-10" x 11" deep. The barn has 8 pumpout pits that enable manure agitation and allow manure transfer through a hose for field application or to the additional storage. A perimeter drain is used to control the seasonal high water table. The total length of 4" corrugated perforated pipe perimeter drain is 985 ft with a 390 ft, 6" diameter dual wall plastic pipe outlet.

A roofed mortality composting facility (E3) is utilized on the farm. The exterior dimensions of the structure are 36'-0" x 204'-0", containing 16 bins. The compost bays are open on one end for mixing. The bays are made up of a 5" floor slab with 8" thick walls. The walls are 6'-0" tall and are supported by footings that are 12" thick and 2'-0" wide.

The structures labelled E9, E10, E11, and E12 are earthen holding ponds. The inside dimensions of the ponds are listed in the table above. The holding ponds are compacted clay material designed to be impervious to wastewater and manure. Holding ponds E9, E10, and E12 are primary storage structures for the facility and holding pond E11 serves as emergency storage for the facility and may be used should the primary storages reach freeboard levels. Conduits used for transfer of wastes to the holding ponds are listed in structure descriptions above.

The facility protects ground and surface water by providing collection and storage of livestock waste for about nine months. Subsequently, the waste is applied agronomically to cropland under proper soil and weather conditions for safe use.

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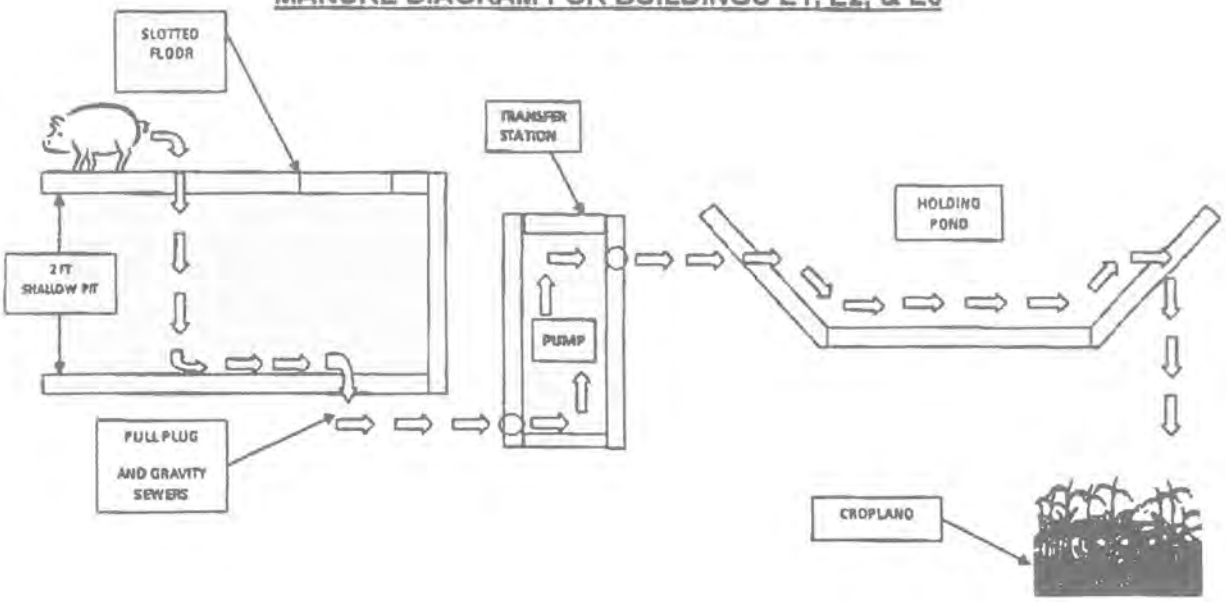
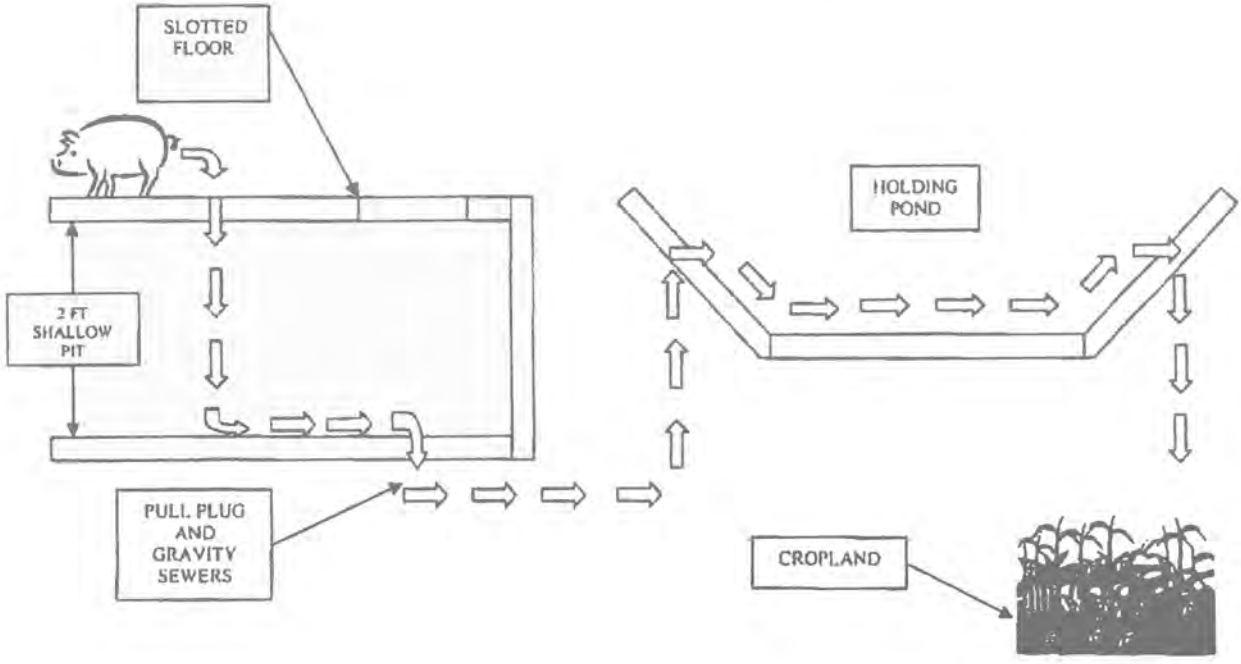
MANURE DIAGRAM FOR BUILDINGS E1, E2, & E6



MANURE DIAGRAM FOR BUILDINGS E7 & E8



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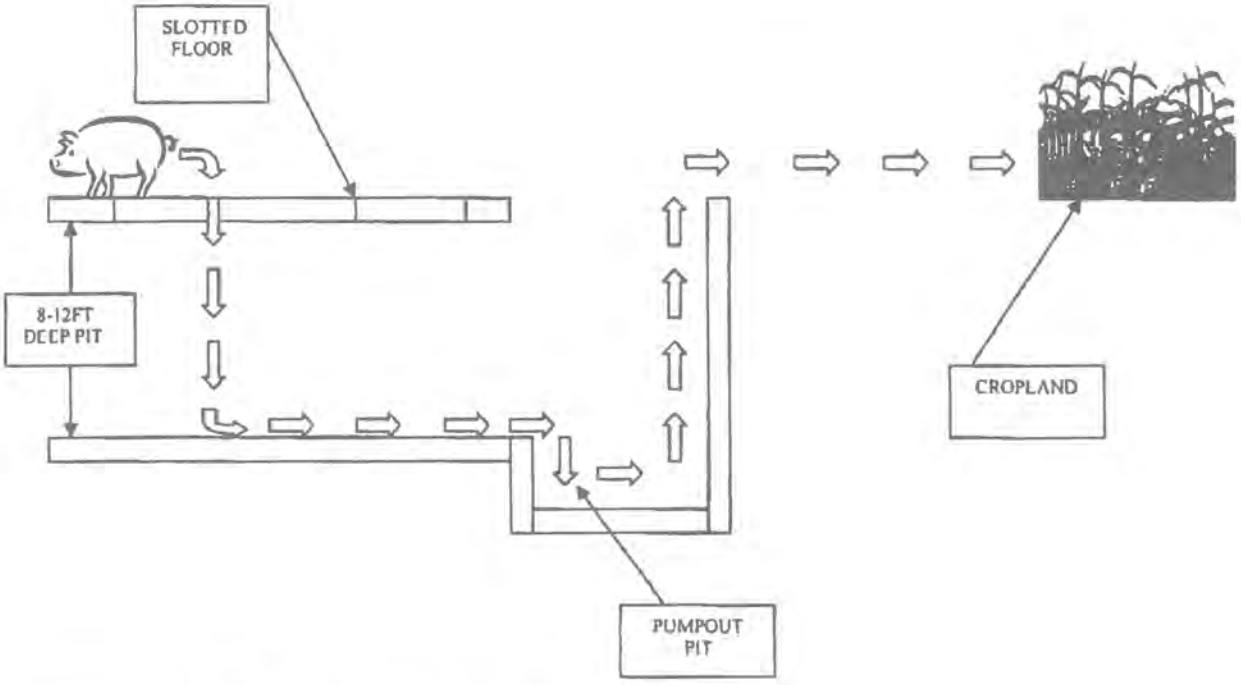
MANURE DIAGRAM FOR BUILDINGS E14 & E15



ATTACHMENT 2: Purpose of Pollution Control Facility

The primary purpose of the facilities is to provide collection and storage for the manure until it can be properly land applied to cropland at agronomic rates.

ATTACHMENT 3: Date of First Service

The pollution control facility was first placed into service and operated in 1987. Additional barns expanding the facility were under construction in 2015, with the last constructed being placed into service in 2016.

ATTACHMENT 4: Status of Installation

Facilities described in Attachment 1 are fully constructed and in service as of December 31, 2016.

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 September 14, 2022, 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 at Springfield, Illinois:

Brian Bradshaw
44619 Co. HWY 2
Griggsville, IL 62340

Copies also Provided Electronically as Follows:

Illinois Department of Revenue
via email at REV.PropTaxApp@illinois.gov
101 West Jefferson
P.O. Box 19033
Springfield, Illinois 62794

[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/ Joshua Leopold
Assistant Counsel
Division of Legal Counsel
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217-558-1333

THIS FILING IS SUBMITTED ON RECYCLED PAPER