

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

James McCune (M7 Pond Farm))
(Property Identification Number) **PCB 21-**
0828100001)) **(Tax Certification)**
)

NOTICE

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


Jim McCabe
4201 N. Columbus St.,
Ottawa, IL 61350

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: April 9, 2021

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

**James McCune (M7 Pond Farm)
(Property Identification Number
0828100001)**

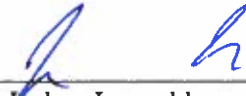
)
) PCB 21-
) (Tax Certification)
)

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: April 9, 2021

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


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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: April 9, 2020

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



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: OCT 21 2020

Re: James McCune – Sheffield
Recommendation of Tax Certification
Log# TC-142993
Property Index# 0828100001

The Bureau of Water received a request on August 13, 2020 from James McCune 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:

James McCune (M7 Pond Farm)
County Rd. 2000N
Sheffield, IL 61361

NW ¼ of Section 28, T17N, R7E of the 4th PM in Bureau County

The livestock waste handling facilities consisting of two (2) concrete manure pits (approximately 51 ft. x 397 ft. x 10 ft. and 51 ft. x 383 ft. x 10 ft.), the concrete slatted portion of the floor over the manure pits that capture and contain waste generated in the barns above, and twenty (20) pumpout pits (approximately 6 ft. x 6 ft. x 10 ft. each) to allow manure removal from the manure 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

2125 S. First Street, Champaign, IL 61820 (217) 278-5800
2009 Mall Street Collinsville, IL 62234 (618) 346-5120
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000
595 S. State Street, Elgin, IL 60123 (847) 608-3131

2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

Watershed Unit Tax Certification Review Sheet

Project Name: James McCune

Date: September 15, 2020

Reviewer: WH

Type: Agchem
 Livestock

Log number: TC-142993

Applicant: Jim McCabe
4201 N. Columbus St.
Ottawa, IL 61350

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

Phone: 309-693-7615

Facility: James McCune – M7 Pond Farm
County Rd. 2000N.
Sheffield, IL 61361

Property Index#: 0828100001

Parcel#:

Legal Description:

NW of Section: 28 Twp: 17N R: 7E PM: 4th

County: Bureau

Signature: James McCune

Date Control Devices installed: December 2015

Title: Owner

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 two (2) concrete manure pits (approximately 51 ft. x 397 ft. x 10 ft. and 51 ft. x 387 ft. x 10 ft.) and the concrete slatted portion of the floor over the manure pits that capture and contain waste generated in the barns above. The concrete manure pits have twenty (20) pumpout pits (approximately 6 ft. x 6 ft. x 10 ft. each) to allow manure removal from 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.

Two (2) concrete manure pits (approximately 51 ft. x 397 ft. x 10 ft. and 51 ft. x 387 ft. x 10 ft.);

Concrete slatted floor at the pit;

Pumpout pits attached to the manure pit, 20 x 6 ft. x 6 ft. x 10 ft.

Plan view drawings of the pits and a process flow diagram were submitted with the application.

Recommended Action: Issue tax certification.

Han, Wei

From: Daniel N. Feucht <dnfeucht@mstutz.com>
Sent: Monday, September 14, 2020 10:42 AM
To: Han, Wei
Cc: Terry L. Feldmann; James McCabe
Subject: [External] RE: McCune PCF Applications
Attachments: Mom's_TC-142989_V2 9-14-20.pdf; M7_TC-142993_V2 9-14-20.pdf; M4_TC-142992_East Site_V2 9-14-20.pdf; M3_TC-142994_V2 9-14-20.pdf; BoarPower_TC-142990_V2 9-14-20.pdf; A2_TC-142988_V2 9-14-20.pdf

Wei,

Thanks for your timely review. After consulting with James McCune (owner/operator) we are submitting the attached revised facility applications/descriptions.


- 1: Physical addresses for facilities listed have been added to Page 1 of the applications.
- 2: Log Number: TC-142988: The manure diagram has been correctly labeled.
- 3: Log Number: TC-142994: The constructed material of the slurrystore tank is steel with glass lining. The forcemain from the lift station to the slurrystore tank is 6" diameter PVC.

Let me know if this answers your questions or if you have any further. The revised applications will be sent paper mail at your request.

Regards,

Daniel


Daniel Feucht, CCA

 **MAURER-STUTZ** | Agricultural Services Group

3116 N. Dries Lane Suite 100 | Peoria, IL 61604

Ph: (309) 693-7615 | Fax: (309) 693-7616 | Cell: (309) 635-5046

Email: dnfeucht@mstutz.com | Website: www.mstutz.com

 Please consider the environment before printing this email.

From: Han, Wei <Wei.Han@illinois.gov>
Sent: Tuesday, August 25, 2020 4:32 PM
To: Daniel N. Feucht <dnfeucht@mstutz.com>
Cc: James McCabe <jmccabe@ivbfm.org>; Terry L. Feldmann <tlfeldmann@mstutz.com>
Subject: RE: McCune PCF Applications

Mr. Feucht,

The Agency has received and reviewed the attached applications. The following information is considered missing and needed for the Agency to complete the review.

 Please consider the environment before printing this email.

State of Illinois - CONFIDENTIALITY NOTICE: The information contained in this communication is confidential, may be attorney-client privileged or attorney work product, may constitute inside information or internal deliberative staff communication, and is intended only for the use of the addressee. Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify the sender immediately by return e-mail and destroy this communication and all copies thereof, including all attachments. Receipt by an unintended recipient does not waive attorney-client privilege, attorney work product privilege, or any other exemption from disclosure.

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Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

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. Separate applications must be completed for each control facility claimed. Do not mix types (air and water). Where both air and water operations are related, file two applications.

If attachments are needed, record them consecutively on an index sheet.

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

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: <u>James McCune</u>	Person to Contact for Additional Details: <u>Terry L. Feldmann, PE</u>
Person Authorized to Receive Certification: <u>Jim McCabe</u>	Street Address: <u>3116 N. Dries Lane, Suite 100</u>
Street Address: <u>4201 N. Columbus St.</u>	City: <u>Peoria</u> State: <u>IL</u>
City: <u>Ottawa</u> State: <u>IL</u>	Zip: <u>61604</u> Phone: <u>309-693-7615</u>
Zip: <u>61350</u> Phone: <u>815-433-1635</u>	Email Address: <u>tfeldmann@mstutz.com</u>
Email Address: <u>jmccabe@ivfbfm.org</u>	

II. Facility Information:

Facility Location: Quarter Section: NW-28 Township: 17N Range: 7E
Municipality: _____ Township: Manlius

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

Address: County Rd. 2000N City: Sheffield
State: IL Zip Code: 61361 County: Bureau Book Number: _____

Property Index Number: 0828100001

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: _____	Date Issued: _____
NPDES Permit Number: _____	Date Issued: _____ Exp. Date: _____
APC Construction Permit Number: _____	Date Issued: _____
APC Operating Permit Number: _____	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.

Han, Wei

From: Han, Wei
Sent: Tuesday, August 25, 2020 4:32 PM
To: Daniel N. Feucht
Cc: James McCabe; Terry L. Feldmann
Subject: RE: McCune PCF Applications

Mr. Feucht,

The Agency has received and reviewed the attached applications. The following information is considered missing and needed for the Agency to complete the review.

1. Physical addresses for facilities listed below:
 - TC-142988 James McCune – Anderson 2
 - TC-142989 James McCune – Mom's Trust Farm
 - TC-142990 James McCune – Boar Power
 - TC-142992 James McCune – M4 East Site
 - TC-142993 James McCune – M7 Pond Farm
 - TC-142994 James McCune – M3 Farm
2. TC-142988 James McCune – Anderson 2: No Manure diagram provided for structure E4. The diagram for E4 is labeled for E1, E2, & E3. Revise this diagram.
3. TC-142994 James McCune – M3 Farm: The construction material of slurry tank E4, and the diameter of the 20' PVC forcemain from lift station E5.

If you have question regarding the above, please contact me.

Wei Han, P.E.
Illinois Environmental Protection Agency
BOW/DWPC/Permit Section
1021 North Grand Avenue E.
P.O. Box 19276
Springfield, IL 62794-9276

Phone: 217-524-3034
Email: Wei.Han@Illinois.gov

From: Daniel N. Feucht <dnfeucht@mstutz.com>
Sent: Thursday, August 13, 2020 10:55 AM
To: LeCrone, Darin <Darin.LeCrone@Illinois.gov>
Cc: Han, Wei <Wei.Han@Illinois.gov>; James McCabe <jmccabe@ivfbfm.org>; Terry L. Feldmann <tfeldmann@mstutz.com>
Subject: [External] McCune PCF Applications

Darin,

Please find attached seven (7) Pollution Control Facility (Property Tax Treatment) applications for swine finishing sites owned by James McCune in Bureau County.



Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

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. Separate applications must be completed for each control facility claimed. Do not mix types (air and water). Where both air and water operations are related, file two applications.

If attachments are needed, record them consecutively on an index sheet.

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

RECEIVED
AUG 14 2020

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

IEPA
BOWWPC/PERMIT SECTION

I. Applicant Information:

Company Name: <u>James McCune</u>	Person to Contact
Person Authorized to Receive Certification: <u>Jim McCabe</u>	for Additional Details: <u>Terry L. Feldmann, PE</u>
Street Address: <u>4201 N. Columbus St.</u>	Street Address: <u>3116 N. Dries Lane, Suite 100</u>
City: <u>Ottawa</u> State: <u>IL</u>	City: <u>Peoria</u> State: <u>IL</u>
Zip: <u>61350</u> Phone: <u>815-433-1635</u>	Zip: <u>61604</u> Phone: <u>309-693-7615</u>
Email Address: <u>jmccabe@ivbfm.org</u>	Email Address: <u>tfeldmann@mstutz.com</u>

II. Facility Information:

Facility Location: Quarter Section: NW-28 Township: 17N Range: 7E
 Municipality: _____ Township: Manlius

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

Address: 41.436629, -89.702387 City: _____
 State: _____ Zip Code: _____ County: Bureau Book Number: _____

Property Index Number: 0828100001

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: _____	Date Issued: _____
NPDES Permit Number: _____	Date Issued: _____ Exp. Date: _____
APC Construction Permit Number: _____	Date Issued: _____
APC Operating Permit Number: _____	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:

NA

Materials Used in the Process:

NA

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. State the type of control facility, as well as a narrative description and a process flow diagram describing the pollution control facility. Include an average analysis of the influent and effluent of the control facility stating the collection efficiency, if applicable.

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 Device):

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.

Contaminant or Pollutant	Material Retained, Captured or Recovered	
	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: 12-31-2015

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))

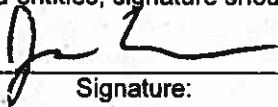
James McCune

Owner

Printed Name:

Title:

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



Signature:

8-13-2020

Date:

Application for Certification (Property Tax Treatment) Pollution Control Facility
 James McCune – M7 (Pond Farm)
 By: Maurer-Stutz, Inc

ATTACHMENT 1: Facility Pollution Control Facility Description

The farm consists of the following swine buildings and storage structures:

E1	51'-2" x 397'-4" x 10'-0"	Deep pit below slats concrete storage pit
P1	51'-2" x 383'-4" x 10'-0"	Deep pit below slats concrete storage pit

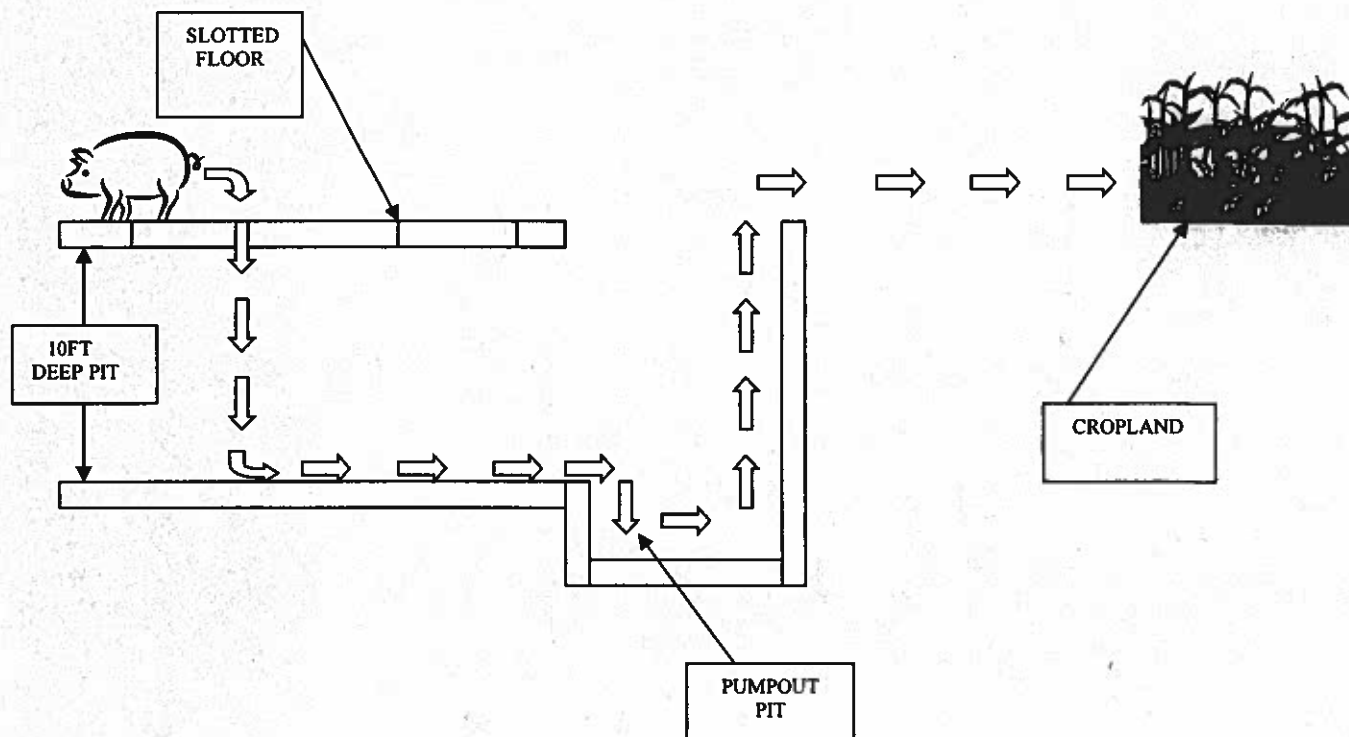
The building identified as E1 on the plans has a 10ft deep pit that consists of a 4" thick base slab and 8" thick pit walls. Precast concrete slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pits. The walls have footings that are 10" thick and 24"-30" wide. Columns within the pit are 12" in diameter, 9'-2" tall and supported by 36"x36" 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 9" inches thick. The recessed sump area is 3'-10"x 5'-4" x 11" deep. The barn has 10 pumpout pits that collect manure and allow manure transfer through a hose to be pumped for field application.

The building identified as P1 on the plans has a 10ft deep pit that consists of a 4" thick base slab and 8" thick pit walls. Precast concrete slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pits. The walls have footings that are 9" thick and 18" wide. Columns within the pit are 12" in diameter, 9'-2" tall and supported by 36"x36" 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 9" inches thick. The recessed sump area is 3'-10"x 5'-4" x 11" deep. The barn has 10 pumpout pits that collect manure and allow manure transfer through a hose to be pumped for field application.

The facility protects ground and surface water by providing collection and storage of livestock waste for greater than 12 months. The waste will be applied agronomically to cropland under proper soil and weather conditions.

Application for Certification (Property Tax Treatment) Pollution Control Facility
James McCune – M7 (Pond Farm)
By: Maurer-Stutz, Inc

MANURE DIAGRAM



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 2014. An additional barn expanding the facility was constructed in 2015, with the last constructed being placed into service in 2016.

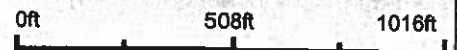
ATTACHMENT 4: Status of Installation

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

James McCune - M7 Pond Farm



Map Center: 41.436629, -89.702387




MAURER-STUTZ
ENGINEERS SURVEYORS

28-17N-7E
Bureau County
Illinois

Maps Provided By:

CUSTOMER ONLINE MAPPING
© AgriData, Inc. 2019 www.AgriDataInc.com



6/18/2020

71



EXISTING FACILITY DETAILS
PROPOSED FACILITY DETAILS
PROPOSED FACILITY DESCRIPTION
PROPOSED FACILITY

RECEIVED
AUG 14 2020

IEPA
BOWMAN/PERMIT SECTION

- LEGEND**
- 1. DOTTED LINE WITH DASHES: EXISTING FACILITY
 - 2. SOLID LINE WITH DASHES: PROPOSED FACILITY
 - 3. SOLID LINE WITH DASHES: EXISTING FIELD BOUNDARY
 - 4. SOLID LINE WITH DASHES: PROPOSED FIELD BOUNDARY
 - 5. SOLID LINE WITH DASHES: EXISTING FENCE
 - 6. SOLID LINE WITH DASHES: PROPOSED FENCE
 - 7. SOLID LINE WITH DASHES: EXISTING ROAD
 - 8. SOLID LINE WITH DASHES: PROPOSED ROAD
 - 9. SOLID LINE WITH DASHES: EXISTING DRIVE
 - 10. SOLID LINE WITH DASHES: PROPOSED DRIVE
 - 11. SOLID LINE WITH DASHES: EXISTING UTILITY
 - 12. SOLID LINE WITH DASHES: PROPOSED UTILITY
 - 13. SOLID LINE WITH DASHES: EXISTING EASEMENT
 - 14. SOLID LINE WITH DASHES: PROPOSED EASEMENT
 - 15. SOLID LINE WITH DASHES: EXISTING SETBACK
 - 16. SOLID LINE WITH DASHES: PROPOSED SETBACK
 - 17. SOLID LINE WITH DASHES: EXISTING PROPERTY LINE
 - 18. SOLID LINE WITH DASHES: PROPOSED PROPERTY LINE
 - 19. SOLID LINE WITH DASHES: EXISTING ADJACENT PROPERTY
 - 20. SOLID LINE WITH DASHES: PROPOSED ADJACENT PROPERTY



SCALE VALID ONLY ON
27'x34' SITE PLANS

Prepared by	JAMES McCUNE
Checked by	
Drawn by	
Date	08/14/2020
Project No.	C102
Sheet No.	28/28

JAMES McCUNE

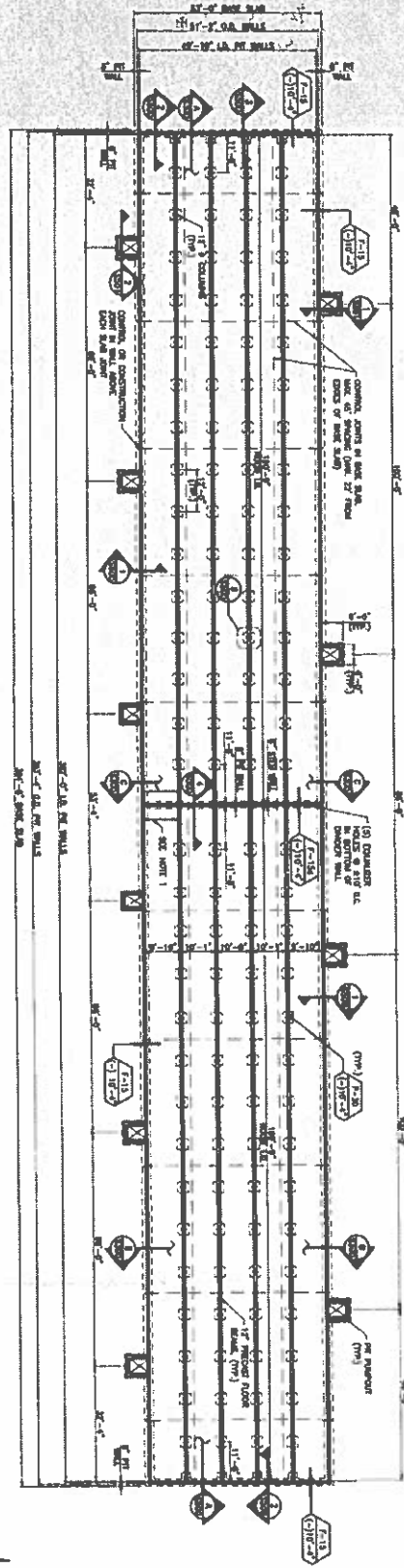
SITE PLAN

MCCUNE POND FARM - JAMES McCUNE BARN

MAURER-STUTZ
ENGINEERS SURVEYORS

MAURER-STUTZ ENGINEERS SURVEYORS
1000 WEST 10TH AVENUE, SUITE 100
DENVER, COLORADO 80202
TEL: 303.733.8800 FAX: 303.733.8801
WWW.MS-SURV.COM

REVISIONS	DATE	DESCRIPTION



CONCRETE PLAN
REVISED 11/19

- DESIGN CRITERIA:**
1. CONCRETE: $f_c = 4000$ psi
 2. REINFORCEMENT: $f_y = 60,000$ psi
 3. ALLOWED SOIL BEARING PRESSURE = 3000 psi (NET)
 4. FLOOR DEAD LOAD = 20 psf (RESIDENTIAL)
 5. FLOOR LIVE LOAD = 57.5 psf (RESIDENTIAL)
 6. WIND SPEED 1000 = 30 mph
 7. WINDING: SOIL PRESSURE = 0.5 psf/ft
 8. LOCATION: BARBARA CO., ILLINOIS

- GENERAL NOTES:**
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS FOR CONSTRUCTION OF STRUCTURES AND FOUNDATIONS, 13TH EDITION, 1996, AS SUPPLEMENTED BY THE 2018 SUPPLEMENT, 13TH EDITION, 2018.
 2. THE TIME AND MATERIALS SHALL BE NOTED FOR ANY VARIATIONS FROM THE SPECIFICATIONS.
 3. THE CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS OF THE SITE AND THE FOUNDATION CONDITIONS.
 4. MATERIALS SHOWN IN THESE PLANS SHALL BE AS FOLLOWS:
 - CONCRETE - PORTLAND CEMENT PULVERIZED FUELS (P/F) TYPE I/II
 - AGGREGATE - CRUSHED GRANITE OR EQUIVALENT
 - REINFORCING BARS - EPOXY COATED (E/C) TYPE AND GRADE AS SHOWN
 5. CONTROL JOINTS IN THE CONCRETE SHALL BE LOCATED AT THE CENTER OF EACH BAY AND IN ACCORDANCE WITH THE DETAILS ON SHEET 2-11.
 6. ALL JOINTS IN THE CONCRETE SHALL BE CONSTRUCTION JOINTS, NOT ALL WORK JOINTS, UNLESS OTHERWISE NOTED.

7. FOUNDATION SHALL BE CONSTRUCTED ON THE EXISTING WALL OR COLUMN UNLESS SHOWN OTHERWISE.
8. SEE SHEET 2-10 FOR SLAB THICKNESS AND REINFORCEMENT.
9. TOP OF FOOTING DIMENSIONS SHOWN RELATIVE TO FINISH FLOOR ELEVATION (P/F OR S/F) - SEE CIVIL SHEETS FOR FINISH FLOOR ELEVATION.
10. FOUNDATION SHALL BE CONSTRUCTED TO THE DEPTH SHOWN IN THESE PLANS AND TO THE DEPTH OF THE EXISTING FOUNDATION UNLESS OTHERWISE NOTED.
11. THE WALL SHALL BE CONSTRUCTED TO THE TOP OF THE FINISH FLOOR UNLESS OTHERWISE NOTED.
12. REINFORCING BARS SHALL BE PLACED TO DEVELOP (L_d) - DO NOT VARY DEPTH OF BAR.
13. REFER TO SHEET 2-10 FOR SOIL CONNECTION DETAILS.

WALL FOOTING SCHEDULE				TYPICAL FOOTING DIMENSIONS	
MARK	WIDTH	DEPTH	LENGTH	THICKNESS	REMARKS
F-11a	1'-0"	4'	-	-	-
F-11b	1'-0"	4'	-	-	-

PAD FOOTING SCHEDULE				TYPICAL FOOTING DIMENSIONS	
MARK	WIDTH	DEPTH	LENGTH	THICKNESS	REMARKS
P-11a	1'-0"	4'	-	-	-
P-11b	1'-0"	4'	-	-	-

SCALE: VARIOUS SIZES ON 22" x 34" SIZE PLANS

DESIGNED BY: JAMES McCUNE

DRAWN BY: JAMES McCUNE

CHECKED BY: JAMES McCUNE

DATE: 11/19/2018

PROJECT NO: 2018-0001

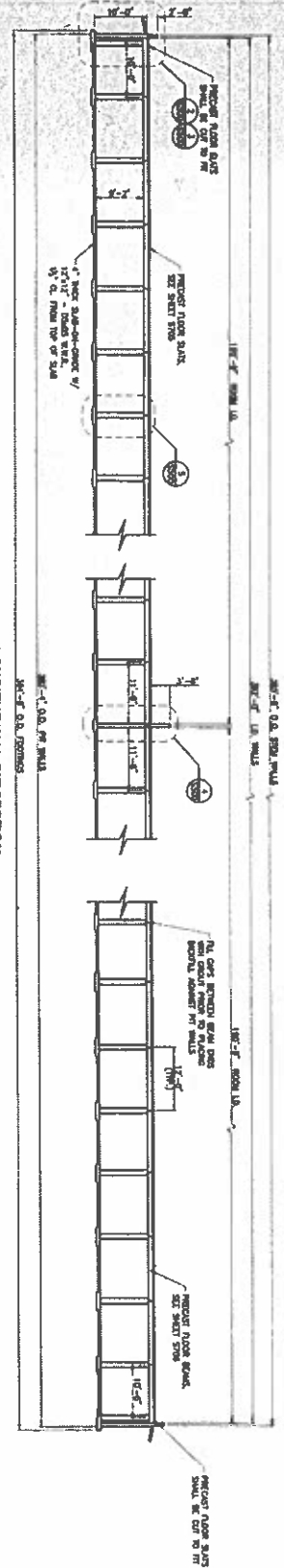
PRICE: \$100

PIT PLAN VIEW

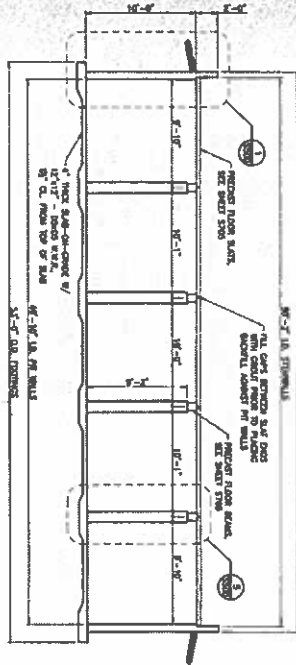
MCCUNE POND FARM - SWINE BARN DESIGN

MAURER-STUTZ
ENGINEERS SURVEYORS

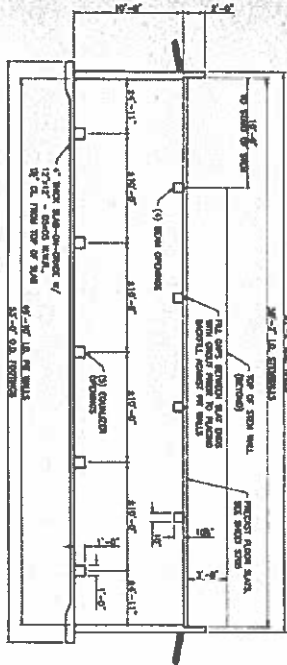
NO.	REVISION



A LONGITUDINAL PIT SECTION
SCALE 1/8" = 1'-0"



B PIT CROSS SECTION
SCALE 1/8" = 1'-0"



C PIT CROSS SECTION NEAR DIVIDER WALL
SCALE 1/8" = 1'-0"

SECTION A
SEE SHEET S109 FOR BAR CONTROL JUMP LOCATIONS.

SCALE VALID ONLY ON
27"x36" SIZE PLANS

S300

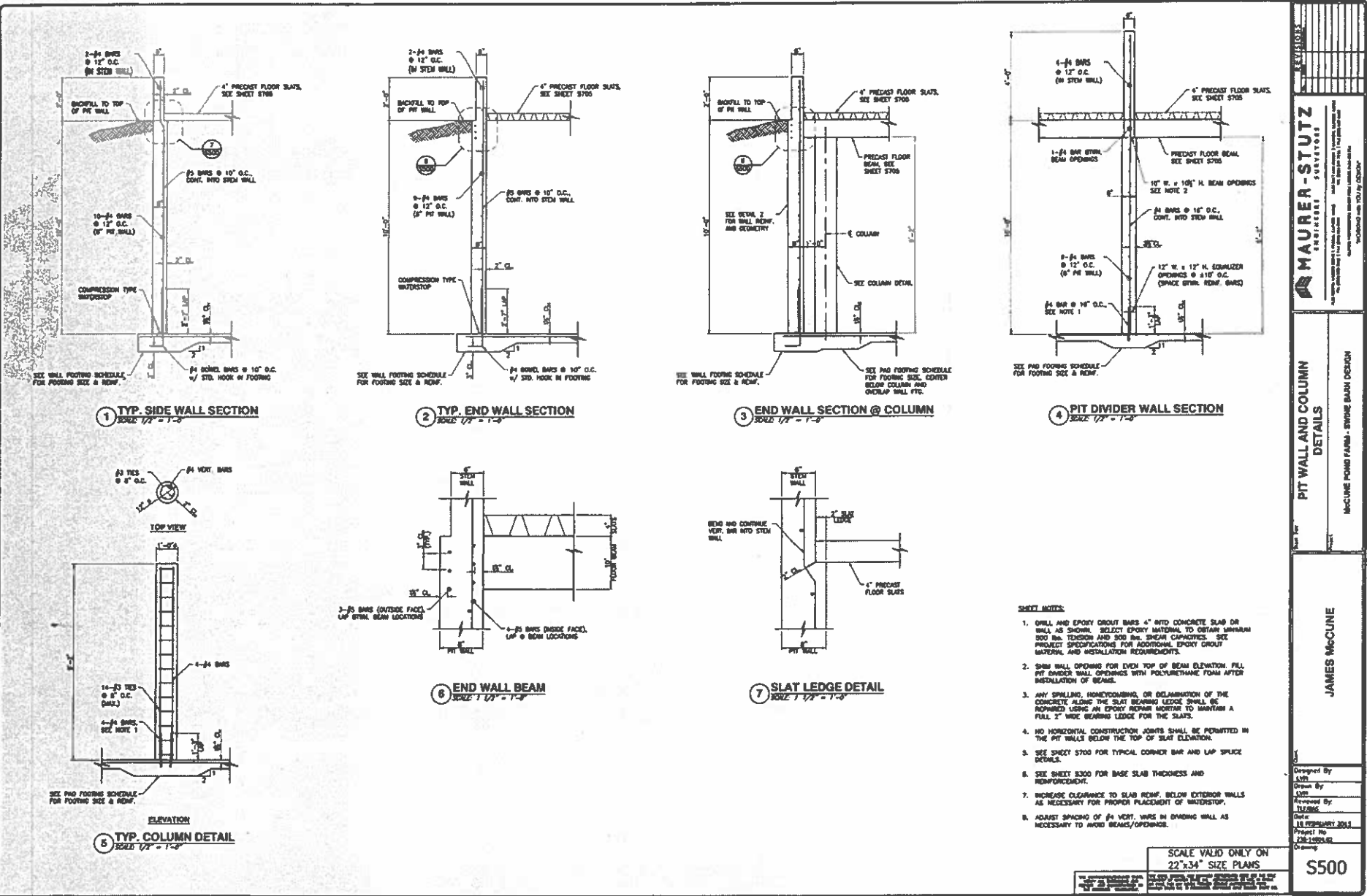
JAMES McCUNE

PIT SECTIONS

MCCUNE POND FARM - SWINE BARN DESIGN

MAURER-STUTZ
ENGINEERS SURVYORS

NO.	REVISIONS



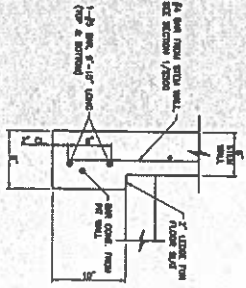
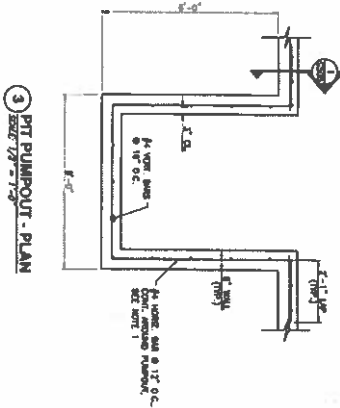
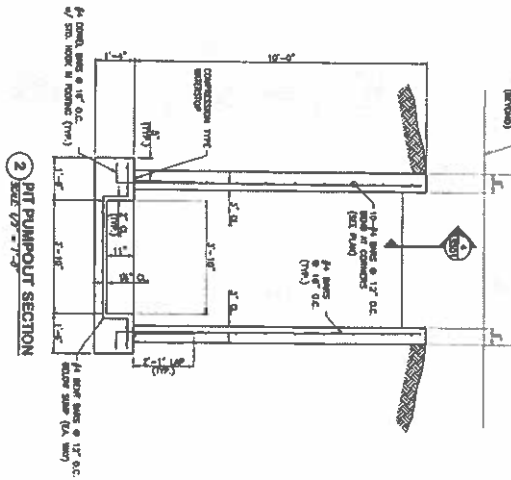
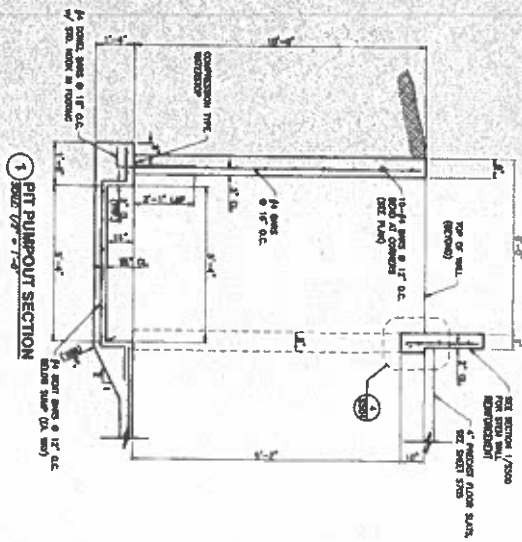
MAURER-STUTZ
ENGINEERS - SURVEYORS

PIT WALL AND COLUMN DETAILS

JAMES MCCUNE

Designed By: LMM
Drawn By: LMM
Reviewed By: TLR/MS
Date: 18 FEBRUARY 2021
Project No: 23E-1002A-02
Drawing: S500

SCALE VALID ONLY ON 22"x34" SIZE PLANS



4 PUMPOUT LINTEL DETAIL
SCALE: 1/2\"/>

- NOTES:**
1. "COVER" HORIZONTAL BARS ABOVE PUMPOUT LIFT BE SPACED PER DETAIL ON SHEET 5501. ALL BARS MUST BE SHOWN TO BE PUMPOUT.
 2. CONCRETE DETAILS FROM SHEET 5501 NEED NOT APPLY, UNLESS NOTED OTHERWISE.
 3. REINFORCEMENT: REINFORCEMENT BARS SHALL BE CONTINUED THROUGH THE PUMPOUT.
 4. THE PUMPOUT SHALL BE CAST IN PLACE WITH THE SURROUNDING BASE. THE PUMPOUT WALLS SHALL BE FORMED MONOLITHICALLY WITH THE SURROUNDING WALLS.
 5. UNLESS NOTED OTHERWISE, ALL REINFORCEMENT SHALL BE TO THE FINISHED FACE OF CONCRETE WALLS.

SCALE: WALLS ONLY ON
227.34\"/>

JAMES McCUNE

Prepared By: _____
 Checked By: _____
 Date: _____

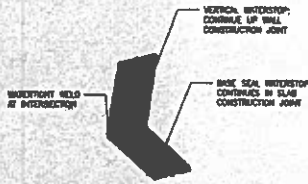
5501

PIT PUMPOUT DETAILS

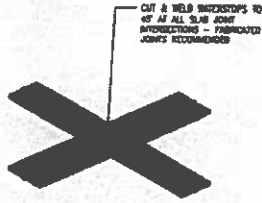
McCUNE POND FARM - SWINE BARN DESIGN

MAURER-STUTZ
 ENGINEERS ARCHITECTS

MAURER-STUTZ ENGINEERS ARCHITECTS
 1000 WEST 10TH AVENUE, SUITE 100
 DENVER, CO 80202
 PHONE: 303.733.8800
 FAX: 303.733.8801
 WWW.MS-ENR.COM



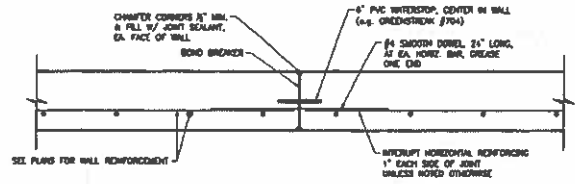
WALL/SLAB JOINT INTERSECTION
 N.T.S.



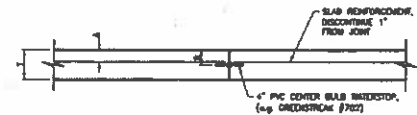
SLAB JOINT INTERSECTION
 N.T.S.



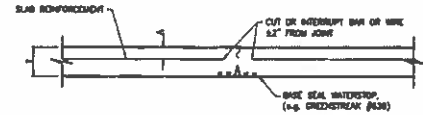
WALL CORNER
 N.T.S.



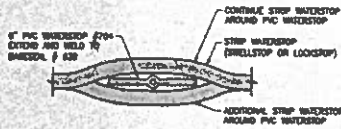
TYP. WALL CONSTRUCTION/CONTROL JOINT
 N.T.S.



TYP. SLAB CONSTRUCTION JOINT
 N.T.S.



TYP. SLAB CONTROL JOINT
 N.T.S.



INTERSECTION OF PVC AND STRIP WATERSTOPS
 N.T.S.

SLAB DIMENSIONS		
T	A	B
4"	18"	2"
5"	18"	2"
6"	2"	20"

T - SLAB THICKNESS
 A - CLEARANCE TO SLAB REINF.
 B - LOCATION OF CENTERLINE WATERSTOP

INSTALLATION

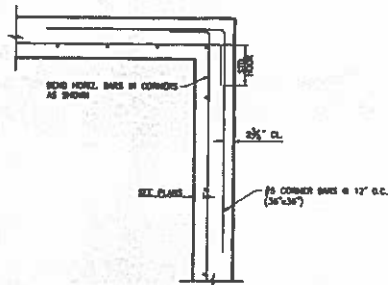
1. INSTALL VERTICAL CONSTRUCTION/CONTROL JOINTS IN WALLS OR CURBS TO MATCH SLAB CONSTRUCTION OR CONTROL JOINTS. SEE CONCRETE PLAN FOR JOINT SPACING.
2. INTERSECT AND SEAL "WELT" WATERSTOPS PER MANUFACTURER BETWEEN WALLS AND SLABS TO PROVIDE A CONTINUOUS WATERSTOP SEAL AROUND THE JOINT.
3. DO NOT EXTEND REINFORCEMENT THROUGH CONTROL JOINTS UNLESS DETAIL OTHERWISE.
4. INSTALL ALL WATERSTOPS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
5. A PLASTIC SLEEVE MAY BE USED AS AN ALTERNATIVE TO USING A GREASED SMOOTH DOWEL (e.g. CREDISTEAK SPEED DOWEL).

REINFORCEMENT

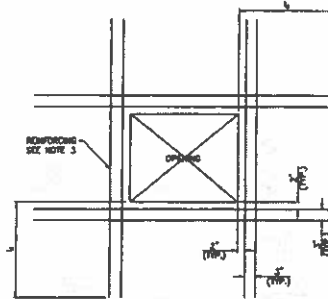
1. REINFORCEMENT BAR LAP SPLICES SHALL BE CLASS B SPLICES UNLESS NOTED OTHERWISE.
 a. CLASS A SPLICE = 1.6 x L_d
 b. CLASS B SPLICE = 1.3 x L_d
2. WELDED BARE LAP LENGTHS SHALL BE ONE WIRE SPACE + 2".
3. HORIZONTAL BAR LAP SPLICES IN WALLS AND SLABS SHALL BE STAGGERED A MINIMUM THREE FEET SUCH THAT NO MORE THAN EVERY THIRD BAR IS SPLICED AT ANY ONE LOCATION.
4. WIRE TIE SHALL BE USED EVERY 12" ALONG A LAP SPLICE.
5. REINFORCING STEEL SHALL BE TIED 1/2" WIRE AT INTERSECTING POINTS WITH OTHER BARS AS NECESSARY TO SECURE AGAINST DISPLACEMENT.
6. ALL REINFORCING STEEL SHALL BE CONNECTED TO FORM AN EQUAL POTENTIAL PLANE PER IRC REQUIREMENTS. USE CHAINED CONDUITS ACROSS JOINTS WHERE STEEL IS INTERRUPTED.

DEVELOPMENT LENGTH, L _d			
BAR SIZE	SLAB #	WALL-HORIZ.	WALL-VERT.
#3	15"	18"	15"
#4	18"	22"	18"
#5	24"	31"	24"
#6	28"	37"	28"
#7	42"	44"	42"
#8	48"	52"	48"
#9	54"	70"	54"

STANDARD HOOK LENGTH	
BAR SIZE	LENGTH
#3	6"
#4	8"
#5	10"
#6	11-6"
#7	11-2"
#8	11-4"
#9	11-8"



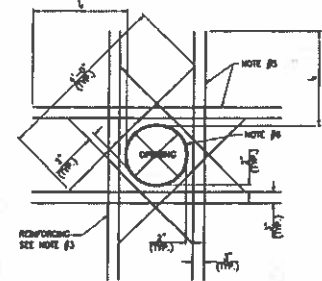
TYP. CORNER DETAIL
 N.T.S.



NOTES:

1. FOR OPENINGS WITH NO DIMENSIONS GREATER THAN 24", PROVIDE ADDITIONAL REINF AS SHOWN AND NOTED THESE DETAILS.
2. FOR OPENINGS WITH ANY DIMENSIONS GREATER THAN 24", PROVIDE ADDITIONAL REINF AS SHOWN ON DRAWINGS. IF ADDITIONAL REINF NOT SHOWN ON DRAWINGS PROVIDE ADDITIONAL REINF AS SHOWN AND NOTED THESE DRAWINGS.
3. SIZE AND NUMBER OF LAYERS OF ADDITIONAL REINF TO BE THE SAME AS REINF IN SLAB OR WALL ADJACENT TO THE OPENING. TYPICAL FOUR SIDES EXCEPT AS SHOWN OR NOTED ON DRAWINGS. PROVIDE ONE-HALF OF THE INTERRUPTED BAR OR MIN OF TWO BARS EACH SIDE OF OPENING.

TYP. PENETRATION DETAIL
 N.T.S.



NOTES:

4. CORED OPENINGS ARE NOT PERMITTED.
5. SUPPLEMENTAL REINFORCEMENT FOR WALL PENETRATIONS ONLY.
6. PROVIDE WATERSTOP SEAL AROUND PIPE. USE EITHER TYPE IN BEFORE OR INSTALLED ESS STRIP AROUND PIPE BEFORE CONCRETE IS CAST.
7. ALL SUPPLEMENTAL REINFORCING SHALL BE CENTERED ON OPENINGS.
8. FOR "L_d" SIZE DEVELOPMENT LENGTH TABLE.

• 4000 psi CONCRETE

SCALE VALID ONLY ON 22"x34" SIZE PLANS

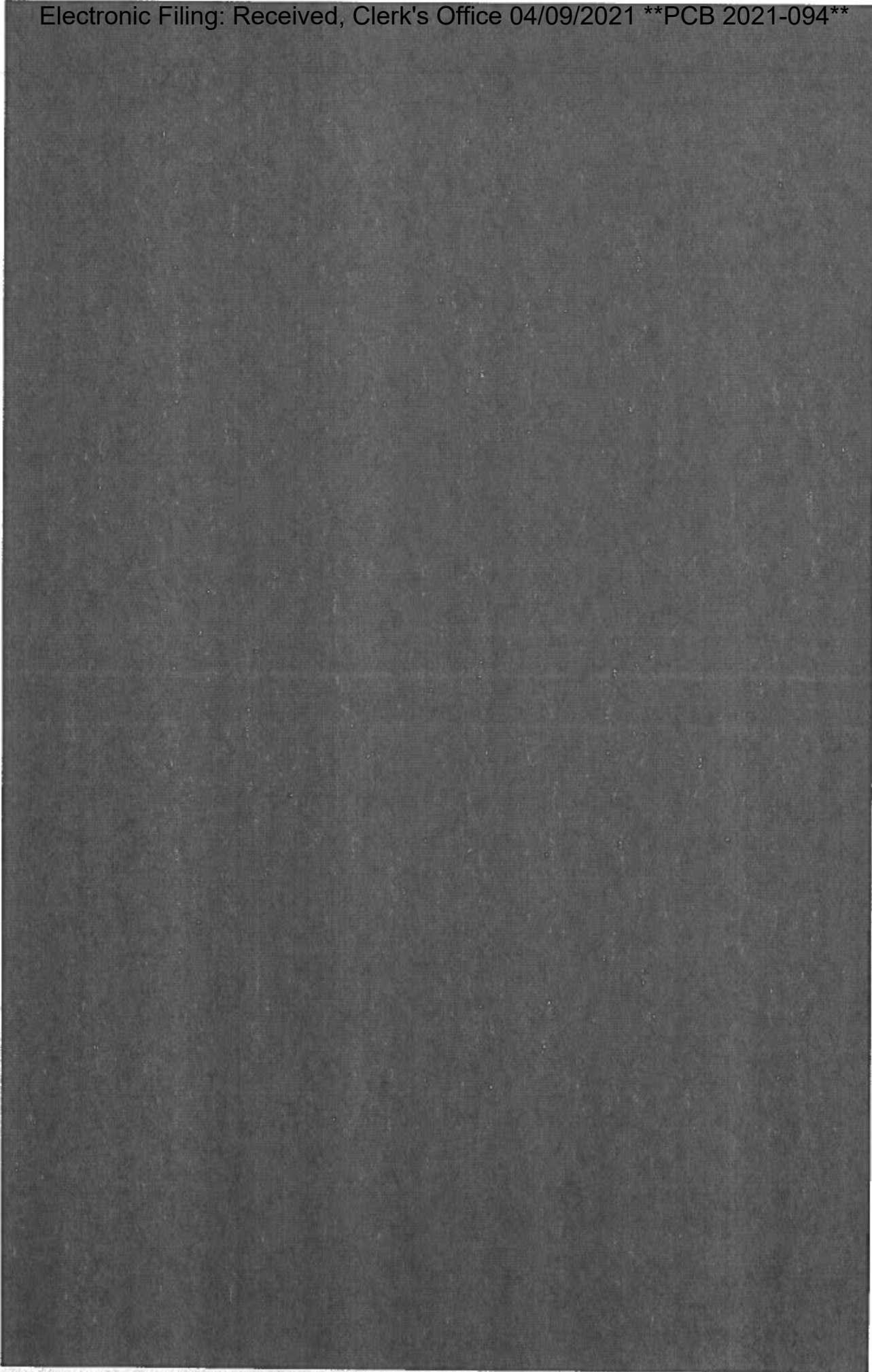
MAURER-STUTZ ENGINEERS
 1100 W. 14th Street, Suite 100, Lincoln, NE 68502
 (402) 441-1100
 www.mst-engineers.com

TYPICAL CONCRETE DETAILS

JAMES MCCUNE

Designed By: JLM
 Drawn By: JLM
 Reviewed By: JLM
 Date: 10 FEBRUARY 2015
 Project No: 22-1005-02
 Drawing

S700



STATE OF ILLINOIS

COUNTY OF SANGAMON

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CERTIFICATE OF SERVICE

I, the undersigned attorney at law, hereby certify that I have served on the date of April 9, 2021, 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:

Jim McCabe
4201 N. Columbus St.,
Ottawa, IL 61350

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
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276
217-558-1333

THIS FILING IS SUBMITTED ON RECYCLED PAPER