

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

James McCune (Mom's Trust Site))
(Property Identification Number) **PCB 21-**
0120300008)) **(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

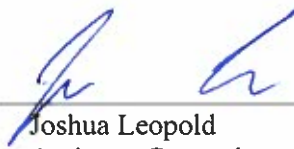
James McCune (Mom's Trust Site))
(Property Identification Number) **PCB 21-**
0120300008)) **(Tax Certification)**
)

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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BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

James McCune (Mom's Trust Site).)
(Property Identification Number) PCB 21-
0120300008) (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 August 13, 2020, the Illinois EPA received a request from James McCune. (log number TC-142989, 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: James McCune
265553 125 E. St.,
Tampico, IL 61283

The proposed water pollution control facilities in this request are located in the SW ¼ of Section 20, T18N, R6E of the 4th PM, in Bureau County the above street address and consist of the following:

The livestock waste handling facilities consisting of two (2) concrete manure pits (approximately 71 ft. x 277 ft. x 10 ft. and 77 ft. x 265 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 fourteen (14) pumpout pits (approximately 6 ft. x 6 ft. x 10 ft. each) to allow manure removal from the manure pits.

This 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: 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 – Tampico
Recommendation of Tax Certification
Log# TC-142989
Property Index# 0120300008

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 (Mom's Trust Site)
265553 125 E. St.
Tampico, IL 61283

SW ¼ of Section 20, T18N, R6E of the 4th PM in Bureau County

The livestock waste handling facilities consisting of two (2) concrete manure pits (approximately 71 ft. x 277 ft. x 10 ft. and 77 ft. x 265 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 fourteen (14) 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-142989

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 – Mom's Trust Site
265553 125 E. St.
Tampico, IL 61283

Property Index#: 0120300008

Parcel#:

Legal Description:

SW of Section: 20 Twp: 18N R: 6E 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 71 ft. x 277 ft. x 10 ft. and 71 ft. x 265 ft. x 10 ft.) and the concrete slatted portion of the floor over the manure pit that capture and contain waste generated in the barn above. The concrete manure pits have fourteen (14) 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 71 ft. x 277 ft. x 10 ft. and 71 ft. x 265 ft. x 10 ft.);

Concrete slatted floor at the pit;

Pumpout pits attached to the manure pit, 14 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; M14_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@ivfbfm.org>; Terry L. Feldmann <tfeldmann@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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08/13/2020

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

RECEIVED
AUG 14 2020
IEPA
BOW/WPC/PERMIT SECTION

Mr. Keller,

Please find enclosed seven (7) separate Pollution Control Facility (Property Tax Treatment) applications along with supporting attachments. All of the enclosed applications are for farms owned by James McCune.

Please contact Terry L. Feldmann, PE or myself at (309) 693-7615 if you have any questions.

Regards,

A handwritten signature in black ink that reads 'Daniel N. Feucht'.

Daniel N. Feucht, CCA
Agricultural Services Group

cc. Jim McCabe, FBFM
MSI File

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) unless air and water operations are related, file two applications.

RECEIVED
AUG 14 2020

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:

IEPA
BOWWPC/PERMIT SECTION

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
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: SW-20 Township: 18N Range: 6E
Municipality: _____ Township: Fairfield
Note: A plat map location is requested for facilities located outside of municipal boundaries.
Address: 41.529060, -89.837660 City: _____
State: _____ Zip Code: _____ County: Bureau Book Number: _____
Property Index Number: 0120300008

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

Printed Name:

Owner

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 – Mom's (Trust Site)
 By: Maurer-Stutz, Inc

ATTACHMENT 1: Facility Pollution Control Facility Description

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

E1	71'-2" x 277'-4" x 10'-0"	Deep pit below slats concrete storage pit
P1	71'-2" x 265'-4" x 10'-0"	Deep pit below slats concrete storage pit

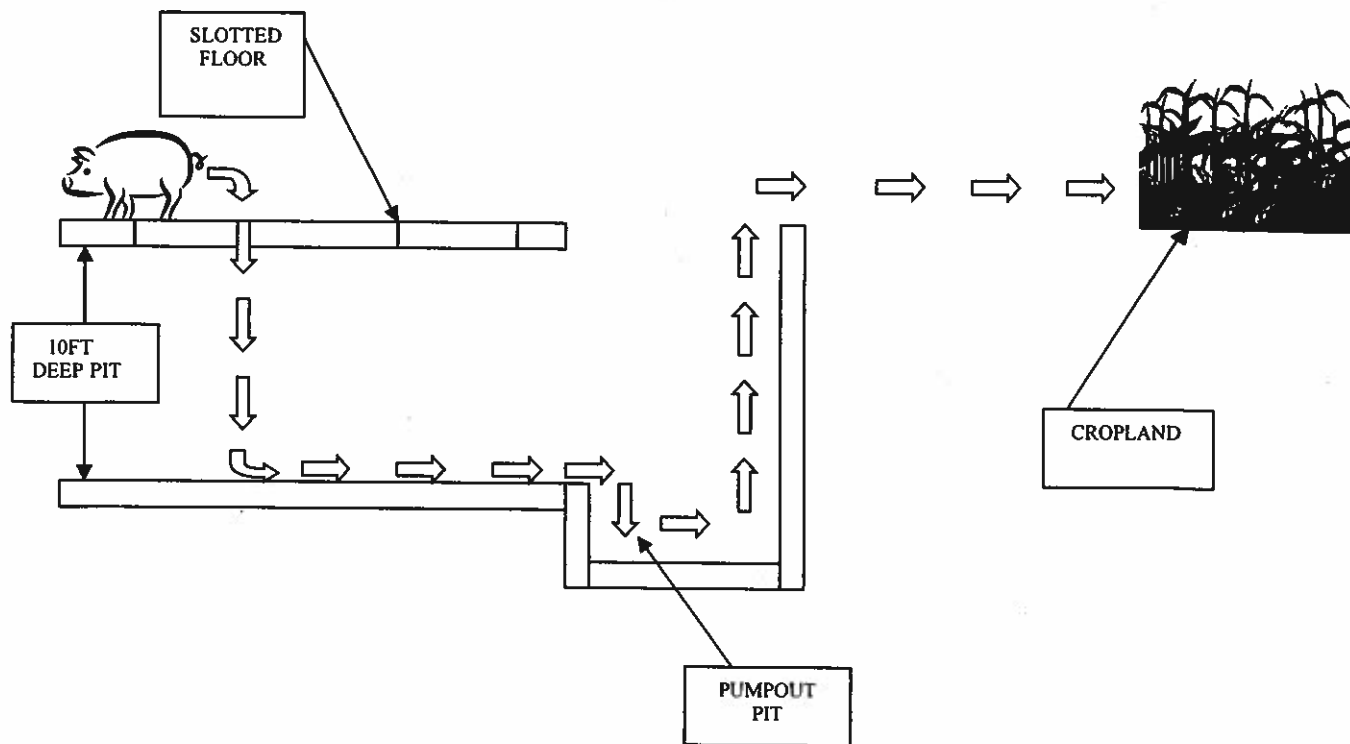
The building identified as E1 on the plans has a 10ft deep pit that consists of a 4" thick base slab and 8" thick pit walls. Precast concrete slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pits. The walls have footings that are 9" thick and 24"-30" wide. 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 6 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 24"-30" wide. Columns within the pit are 12" in diameter, 9'-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 3'-10"x 5'-4" x 11" deep. The barn has 8 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 – Mom's (Trust Site)
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 2013. 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 - Mom's Trust Farm



Map Center: 41.529060, -89.837660



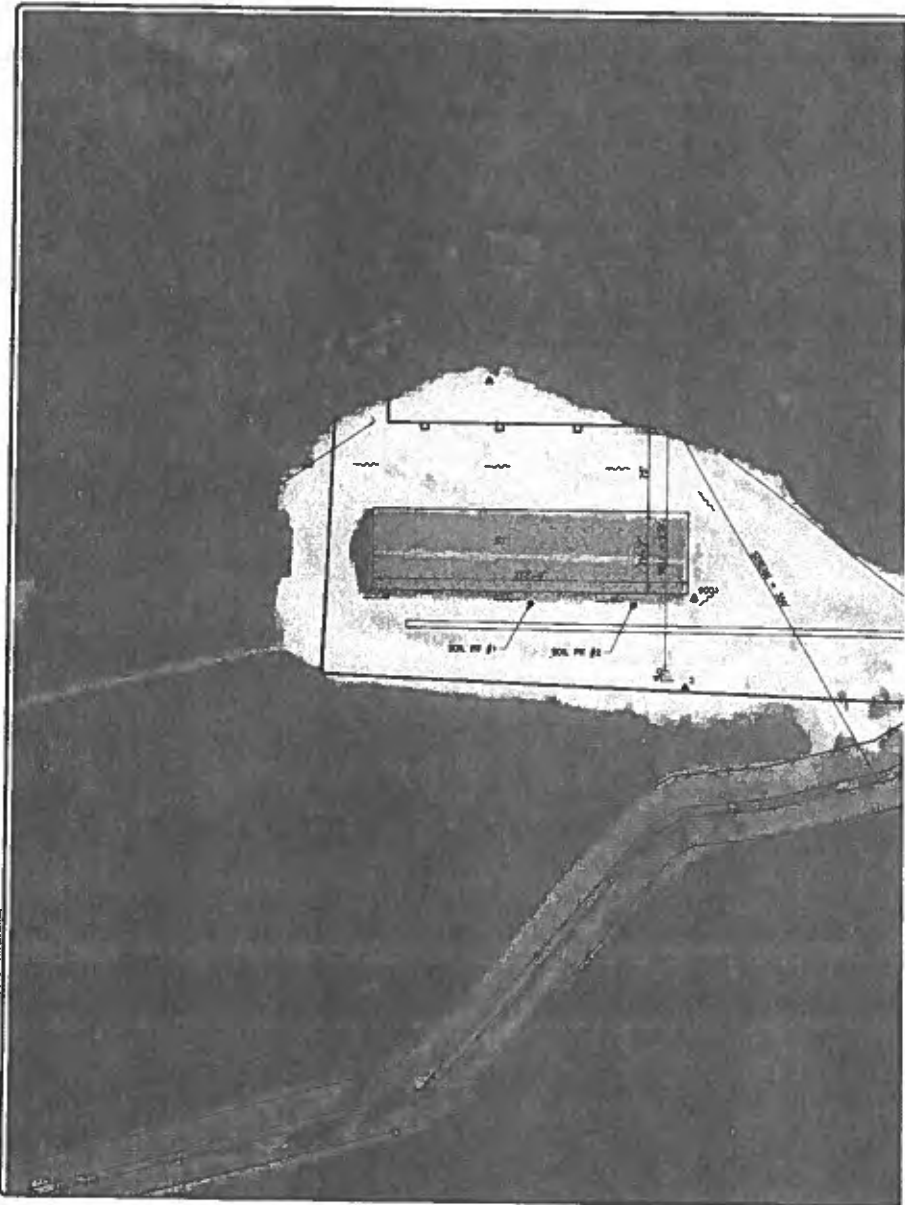

MAURER-STUTZ
ENGINEERS SURVEYORS

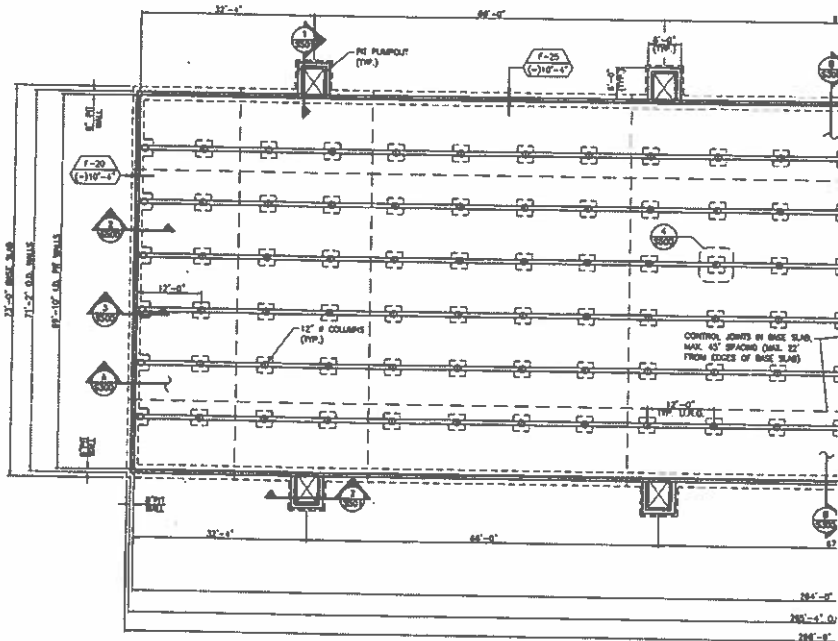
Maps Provided By:
 **surety**
CUSTOMIZED ONLINE MAPPING
© AgriData, Inc. 2019 www.AgriDataInc.com

20-18N-6E
Bureau County
Illinois



6/18/2020





CONCRETE
SCALE: 3/32" = 1'-0"

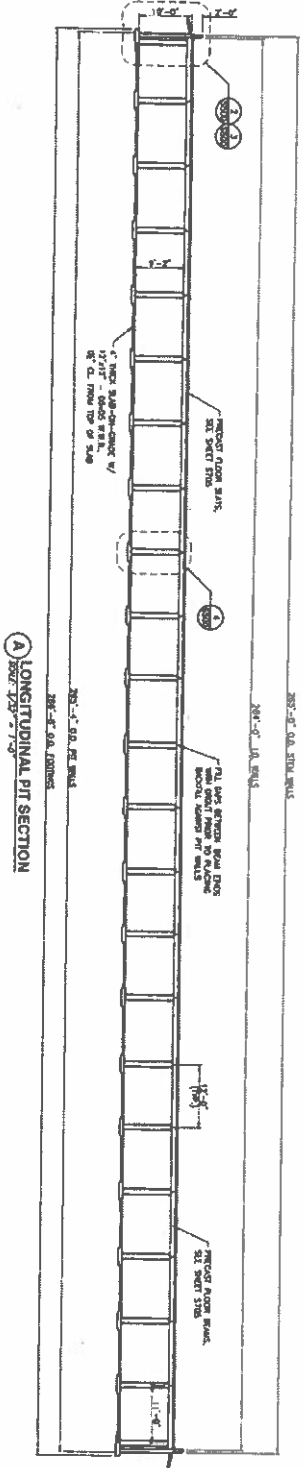
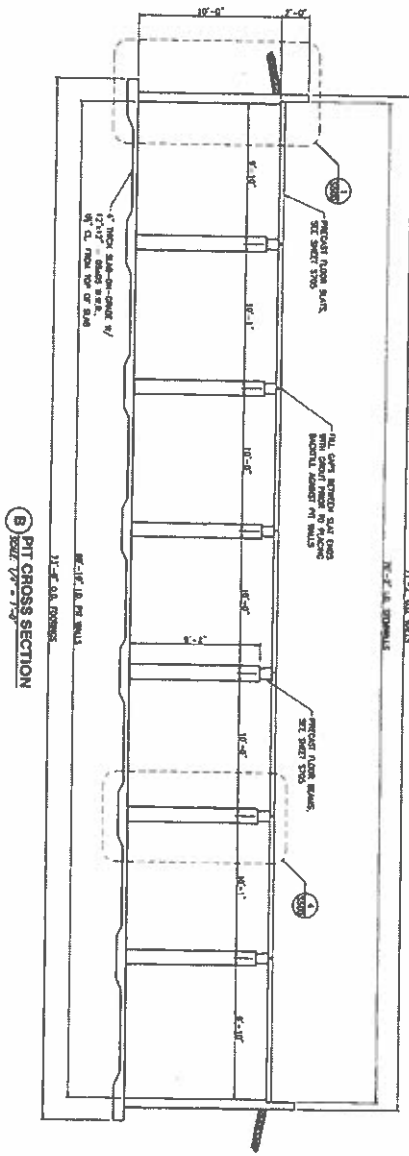
DESIGN CRITERIA:

1. CONCRETE: $f'_c = 4,000$ psi
2. REINFORCEMENT: $F_y = 60,000$ psi
3. ALLOWABLE SOIL BEARING PRESSURE = 1400 psf (NET)
4. FLOOR DEAD LOAD = 38.8 psf (SLABS)
5. FLOOR LIVE LOAD = 57.5 psf (FRESH-CONCRETE)
6. ROOF SNOW LOAD = 20 psf
7. LATERAL SOIL PRESSURE = 60 psf/ft
8. LOCATION: BUREAU 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.
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 - GREENSTREAM SHELLSTOP OR EQUAL.
 - ** BASE SEAL WATERSTOP - GREENSTREAM FLSB OR EQUAL.
 - ** PVC WATERSTOP - GREENSTREAM #732, #734, OR EQUAL AS SHOWN.
4. CONTROL (OR CONSTRUCTION) JOINTS SHALL BE PROVIDED IN THE SLAB AND WALLS AS SHOWN IN THE PLAN VIEW AND IN ACCORDANCE WITH THE DETAILS ON SHEET 5750. DO NOT LOCATE JOINTS WITHIN 4" OF A COLUMN FOOTING OR WITHIN 3'-0" FROM A PUMP/OUT.
5. WALL JOINTS IN THE CHORALL SHALL BE CONSTRUCTION JOINTS WITH ALL HORIZONTAL BARS CONTINUOUS OR LAP SPACED ACROSS THE JOINT.
6. SEE SHEET 5300 FOR BASE SLAB THICKNESS AND REINFORCEMENT.
7. FOOTINGS SHALL BE CON. SHOWN OTHERWISE.
8. TOP OF FOOTING ELEVATION OF SLABS = 0'-0" BE.
9. OTHER THAN AT THE PIT, VERTICAL SURCHARGE EQUIPMENT WITHIN 5' OF WALLS BELOW THE SLABS.
10. NO CONDUITS (ELECTRICAL) SHALL BE BELOW THE SLABS.
11. TANK MUST BE BACKFILL TO PUTTING LIQUID IN THE ALL RESULTING GAPS PER.
12. BACKFILL SHALL BE PLAC. BACKFILL MORE THAN 4" FROM A PUMP/OUT.
13. REFER TO WRITTEN SPEC.

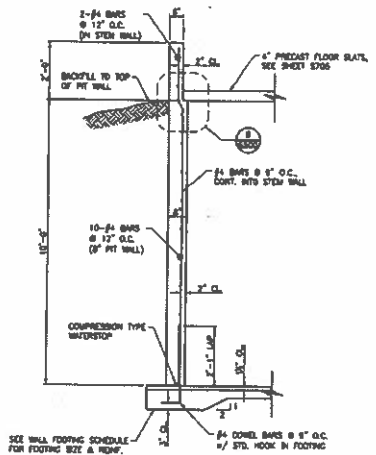
DATEPLOT FROM CADD/2021-04-09 11:54 AM 11/20/21 11:54 AM 11/20/21 11:54 AM



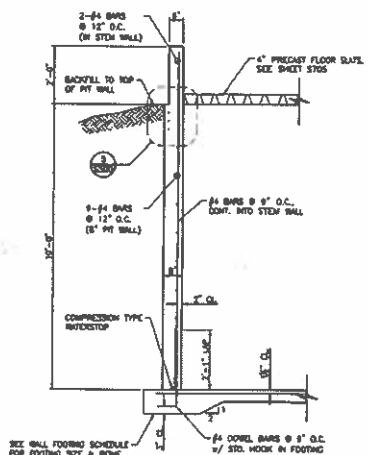
SCALE: 1/4" = 1'-0"
 1. SET SHEET 1100 FROM SLAB CONTROL JUMP LOCATIONS

SCALE VALID ONLY ON
 22"x34" SIZE PLANS

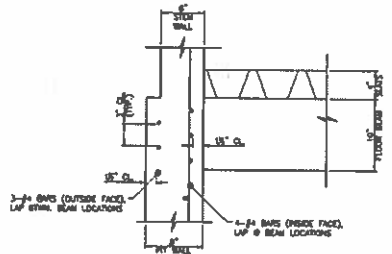
<p>S300</p>	<p>JAMES McCUNE</p>	<p>PIT SECTIONS</p>	<p>MAURER-STUTZ ENGINEERS SURVEYORS</p>
	<p>JAMES MYLA McCUNE TRUST</p>	<p>DATE: 11/20/21</p>	



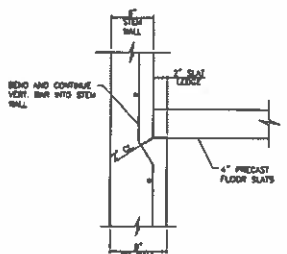
1 TYP. SIDE WALL SECTION
SCALE: 1/2" = 1'-0"



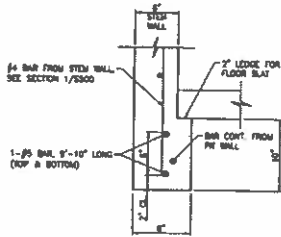
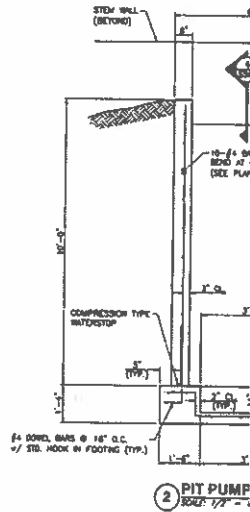
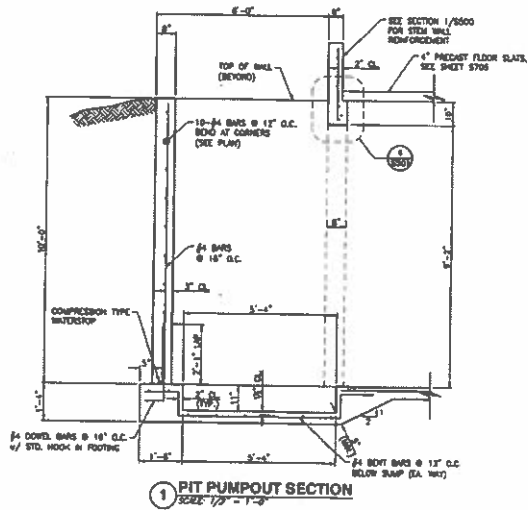
2 TYP. END WALL SECTION
SCALE: 1/2" = 1'-0"

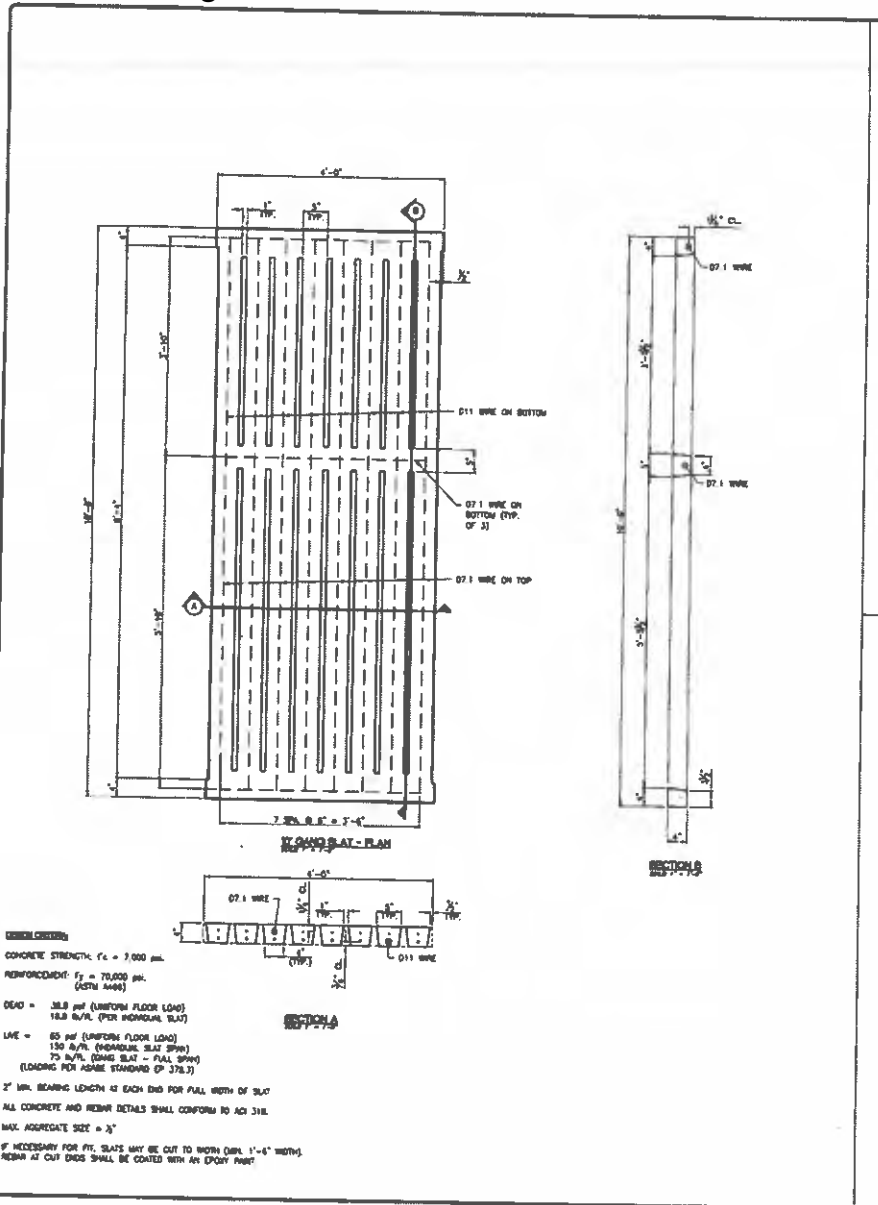


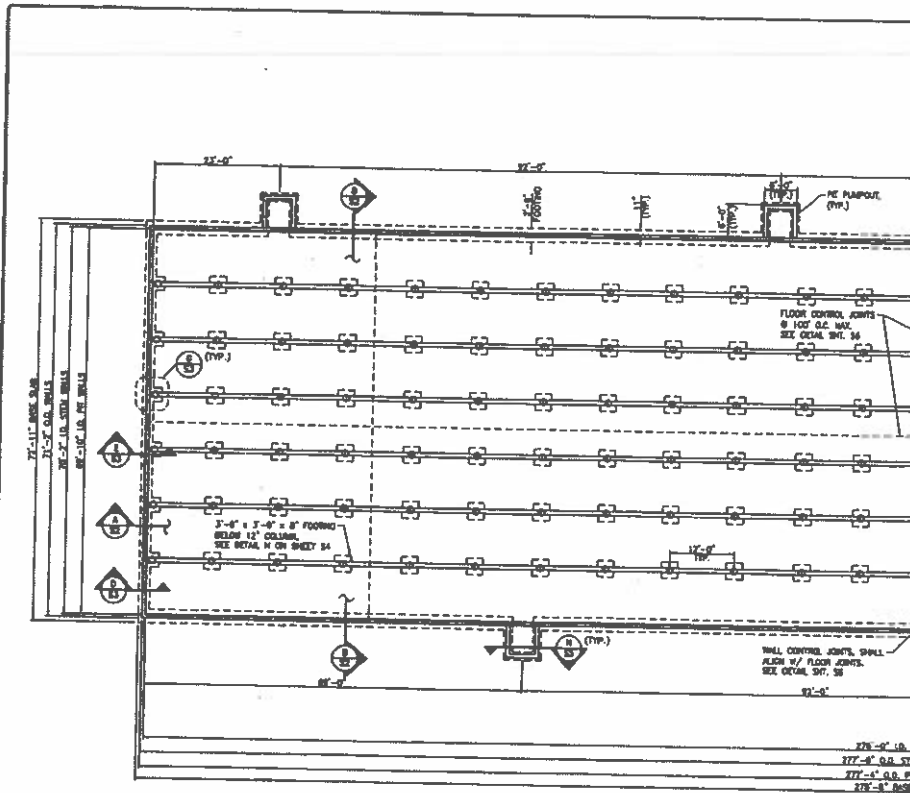
5 END WALL BEAM
SCALE: 1/2" = 1'-0"



6 SLAT LEDGE DETAIL
SCALE: 1/2" = 1'-0"





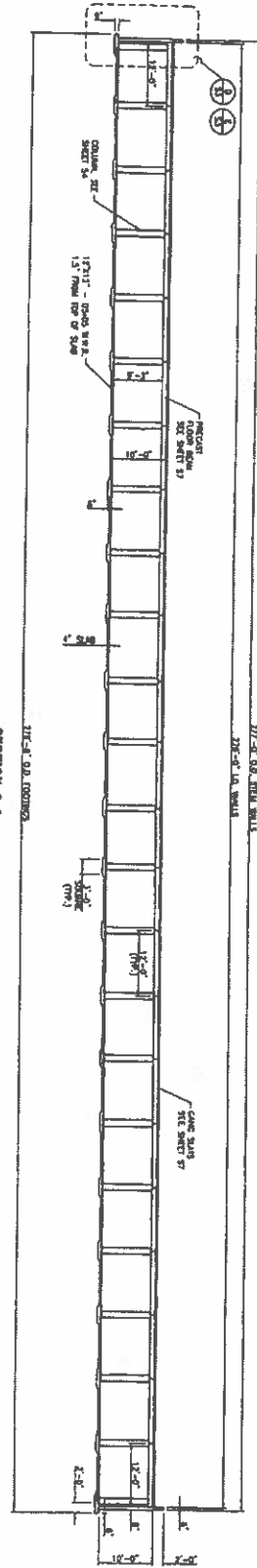
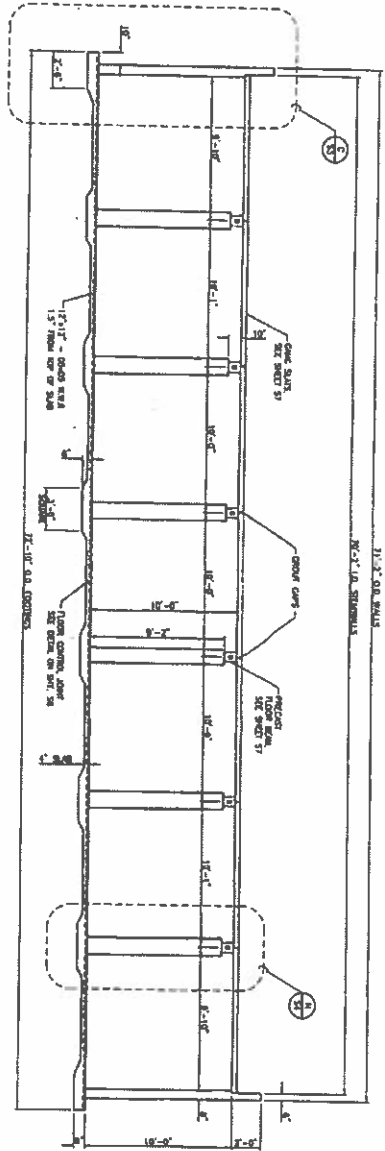


CONCRETE PLJ
SCALE: 3/32\"

DESIGN NOTES:

1. ALLOWABLE SOIL BEARING PRESSURE = 1500 psf (NET) COLUMNS, 1800 psf (GROSS) WALLS.
2. MIN. 28-DAY CONCRETE COMPRESSIVE STRENGTH (f'_c) = 4000 psi.
3. REINFORCEMENT BARS - F_y = 60,000 psi (GRADE 60).
4. FLOOR LIVE LOAD = 57.5 psf (FINISHED FLOORS).
5. ROOF SNOW LOAD = 20 psf.
6. SOIL LATERAL PRESSURE (EFFECTIVE FLUID PRESSURE) = 60 psf/ft.
7. SOIL UNIT WEIGHT = 120 psf.
8. FLUID DENSITY = 62 psf.
9. SUBGRADE FRICTION FACTOR = 0.8 (SAND).
10. PRECAST MANUFACTURER: HOO SLAT, INC.
11. PROJECT LOCATION: BUREAU CO., ILLINOIS.

20210409 10:00 AM 20210409 10:00 AM 20210409 10:00 AM 20210409 10:00 AM 20210409 10:00 AM

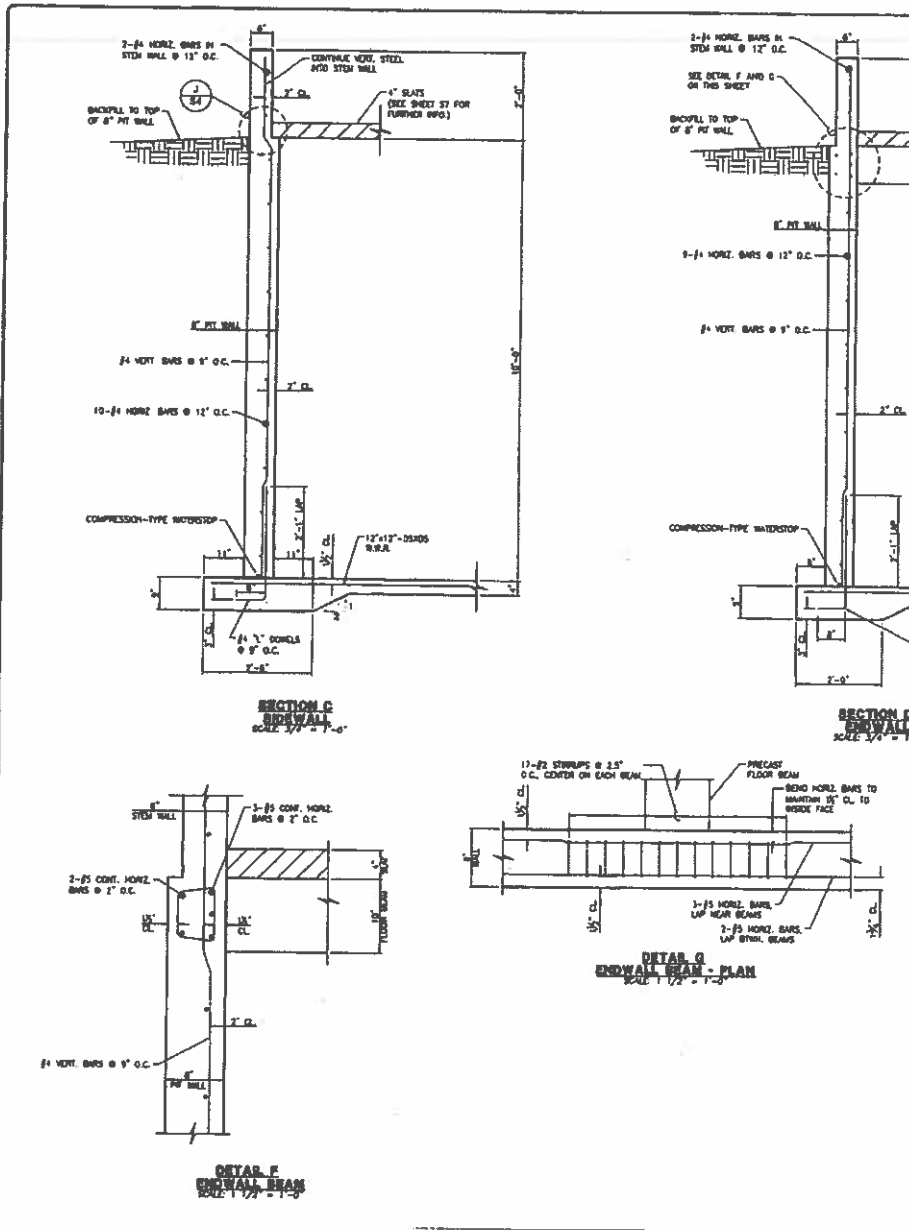


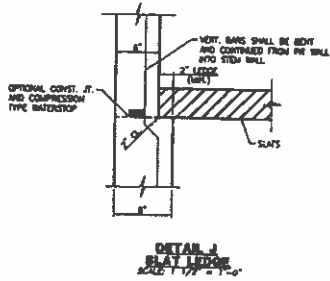
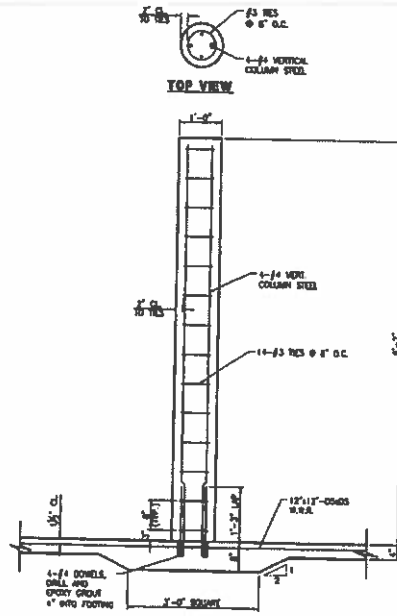
SECTION A-A

SECTION A-A

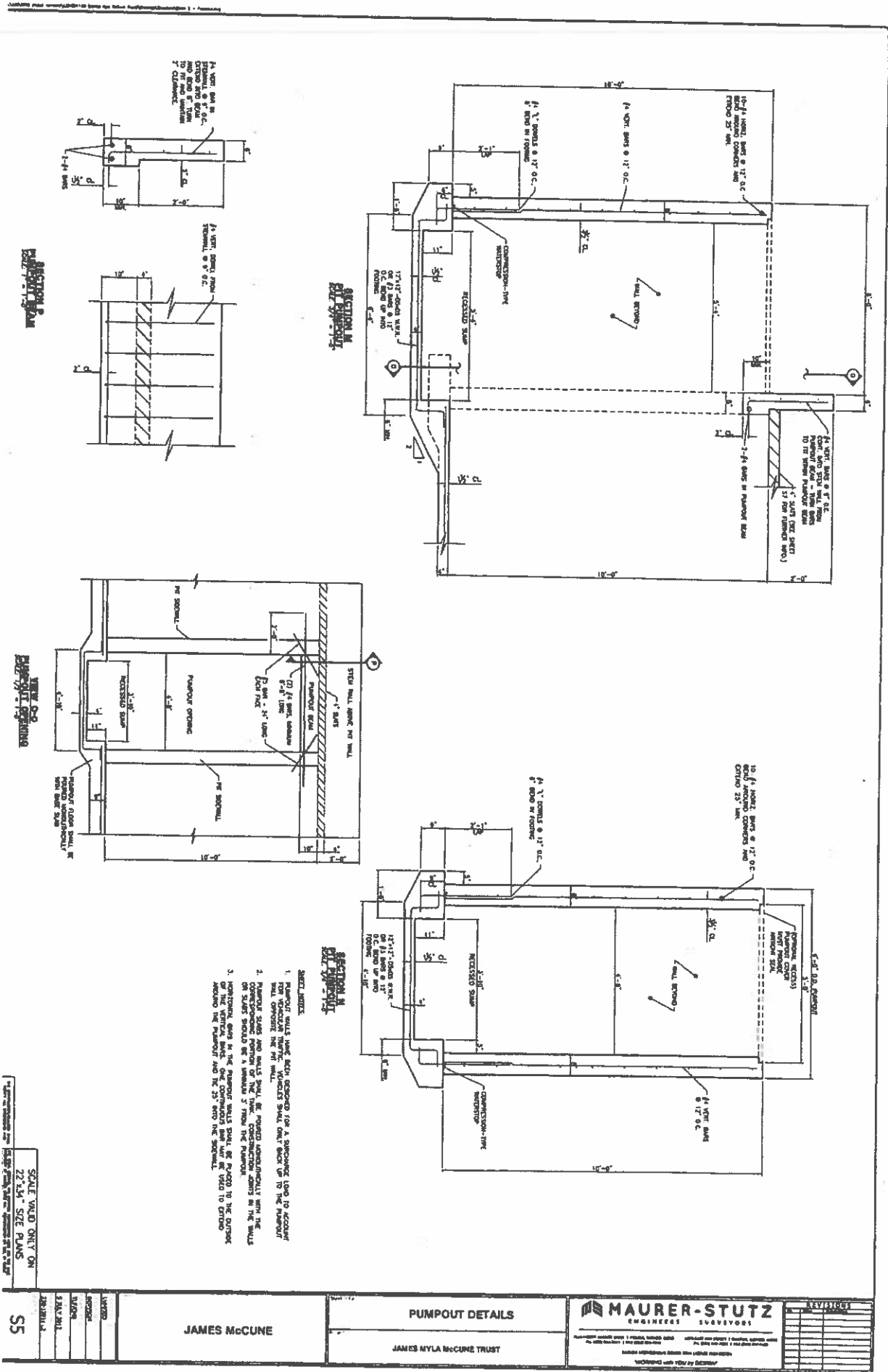
SCALE WILD ONLY ON
22"x34" SIZE PLANS

S2	JAMES McCUNE	PIT SECTIONS	 MAURER-STUTZ ENGINEERS SURVEYORS 1000 S. 10th St., Suite 100, Lincoln, NE 68502 (402) 441-1111 www.maurer-stutz.com	REVISIONS
	LAYOUT DESIGN CHECK APPROVE DATE	JAMES MYLA McCUNE TRUST		NO. 1 DATE





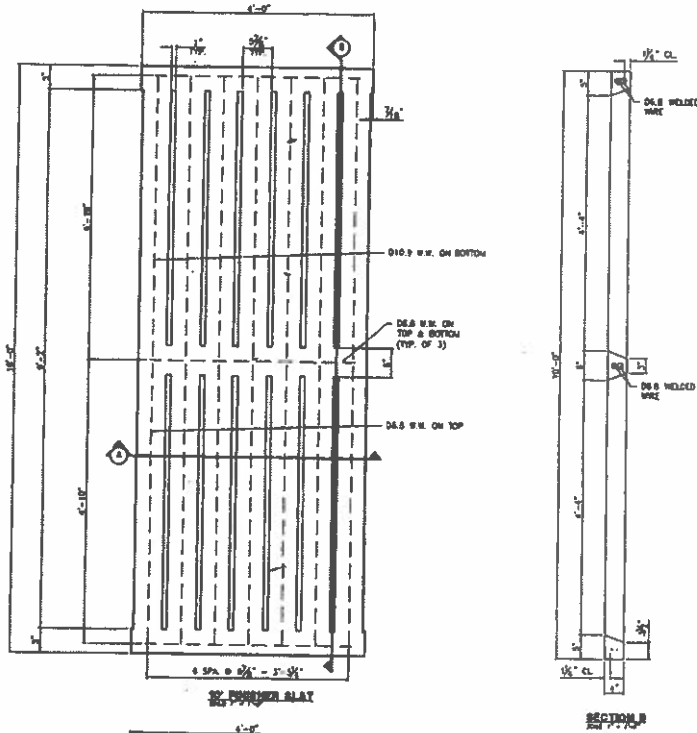
Vertical text on the left margin, likely a project or drawing identifier.



- SECTION M**
PUMPOUT DETAIL
- SECTION N**
PUMPOUT DETAIL
- SECTION O**
PUMPOUT DETAIL
- DETAIL INDEX**
1. PUMPOUT WALLS SHALL BE REINFORCED FOR A MINIMUM OF 100% TO ACCORD WITH VIBRACORE TYPIC. REINFORCING SHALL BE 1/2" DIA. BARS @ 18" O.C. MINIMUM.
 2. PUMPOUT SLABS AND WALLS SHALL BE REINFORCED ACCORDING TO THE REINFORCING TYPIC OR SHALL BE REINFORCED WITH THE REINFORCING TYPIC.
 3. JOIST/BEAM AND 4" X 4" BRACKET SHALL BE REINFORCED TO THE OUTSIDE OF THE VERTICAL WALL. ONE CORNER SHALL BE REINFORCED TO THE OUTSIDE AND THE OTHER TWO SHALL BE REINFORCED TO THE INSIDE.

SCALE: VARIOUS SIZES
22 1/4" SIZE PLANS

<p>JAMES McCUNE</p>	<p>PUMPOUT DETAILS</p>	<p>MAURER-STUTZ ENGINEERS ARCHITECTS</p>	<p>REVISIONS</p> <table border="1"> <tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	NO.	DATE	DESCRIPTION									
	NO.			DATE	DESCRIPTION										
<p>JAMES MYLA McCUNE TRUST</p>	<p>DATE: 04/09/2021</p>														



GENERAL CONDITIONS

CONCRETE STRENGTH: $f'_c = 8,000$ psi.

REINFORCEMENT: $f_y = 80,000$ psi.
(A573 A576 OR A578 A497)

WIDTH: 1.843 in. (CALCULATED)

DEAD - 24.8 psf (UNIFORM FLOOR LOAD)
18.8 psf (FOR INDIVIDUAL SLAT)

LINE - 57.5 psf (UNIFORM FLOOR LOAD)
125 psf (INDIVIDUAL SLAT SPAN)
82.5 psf (DOUBLE SLAT - FULL SPAN)
(LOADING PER IBCS STANDARD 16-376.3 FOR FLOOR)

2" MIN. BEARING LENGTH AT EACH END FOR FULL WIDTH OF SLAT.

ALL CONCRETE AND REBAR DETAILS SHALL CONFORM TO ACI 318.

MAX. AGGREGATE SIZE - 3/4"

NOTES

THIS SLAT HAS BEEN CHECKED TO SUPPORT THE WEIGHT OF A 2" THICK CONCRETE TOPPING SLAB. THIS LOADING CONDITION ONLY COMBINES WITH THE UNIFORM LINE LOAD CASE DUE TO THE LOAD DISTRIBUTION CAPABILITIES OF THE TOPPING.

SEE
CON
REV
SUP
3" x
6"
SH
ALL
CO

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