

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Cramer Cattle Feeding
(Property Identification Number
01-000-006-00)

)
) **PCB No.**
) **(Tax Certification)**
)

NOTICE

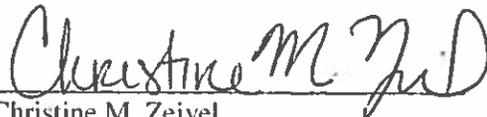
Steve Santarelli
Illinois Department of Revenue
101 West Jefferson
Post Office Box 19033
Springfield, Illinois 62794

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

Lonnie R. Cramer
4541 E. 800th St.
Macomb, Illinois 61455

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

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: 
Christine M. Zeivel
Assistant Counsel
Division of Legal Counsel

DATED: May 23, 2017

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

THIS FILING IS SUBMITTED ON RECYCLED PAPER

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Cramer Cattle Feeding)
(Property Identification Number	) PCB No.
01-000-006-00)	) (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: Christine M Zeivel
 Christine M. Zeivel
 Assistant Counsel
 Division of Legal Counsel

DATED: May 23, 2017

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

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Cramer Cattle Feeding)
(Property Identification Number	) PCB No.
01-000-006-00)	) (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 April 28, 2016 the Illinois EPA received a request from Lonnie R. Cramer (log number TC-135042, 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:

Cramer Cattle Feeding
5507 E. 1100 th St.
Macomb, IL 61455

The proposed water pollution control facilities in this request are located at Section 1, T4N, R3W of the 4th P.M. in McDonough County, at the above street address and consist of the following:

Livestock waste management facilities consisting of one concrete manure pit (approximately 147 ft. x 54 ft. x 12 ft. each) with three pump-out sumps, the concrete slotted portion of the floor over the manure pit that captures and contains livestock waste generated in the barn above, a plastic perimeter drainage pipe (approximately 4 in. x 420 ft.) located around the footing of the manure pit to prevent flotation of the manure pit, a plastic outlet pipe (approximately 4 in. x 280 ft.) connected to the perimeter drainage pipe, a monitoring port and valve on the plastic outlet pipe, and a concrete manure stack storage facility (approximately 24 ft. x 33 ft. x 6 ft.).

These livestock waste management facilities are used to collect, transport and store livestock waste prior to cropland application, and is 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: Christine M. Zeivel
Christine M. Zeivel
Assistant Counsel
Division of Legal Counsel

Dated: May 23, 2017
Illinois Environmental Protection Agency
1021 North Grand Ave. E.
P.O. Box 19276
Springfield, Illinois 62794-9276
217/782-5544



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

BRUCE RAUNER, GOVERNOR

ALEC MESSINA, DIRECTOR

Memorandum

To: Charles Gunnarson, Division of Legal Counsel

From: Al Keller, Manager, Permit Section

Date: May 15, 2017

Re: Cramer Cattle Feeding – Macomb
Recommendation of Tax Certification
Log # TC-135042
Property Index# 01-000-006-00

The Bureau of Water received a request on April 28, 2016 from Lonnie R. Cramer 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:

Cramer Cattle Feeding
5507 E. 1100th St.
Macomb, IL 61455

Section 1, T4N, R3W of the 4th PM in McDonough County

The livestock waste handling facilities consisting of one (1) concrete manure pit (approximately 147 ft. x 54 ft. x 12 ft.) with three (3) pumpout sumps, the concrete slotted portion of the floor over the manure pit that capture and contain waste generated in the barn above, a plastic perimeter drainage pipe (approximately 4 in. x 420 ft.) located around the footing of the manure pit to prevent flotation of the manure pit, a plastic outlet pipe (approximately 4 in. x 280 ft.) connected to the perimeter drainage pipe, a monitoring port and valve on the plastic outlet pipe, and a concrete manure stack storage facility (approximately 24 ft. x 33 ft. x 6 ft.). 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.

SAK:WH:Tax Cert Recommendation.docx

cc: Tax Cert File

Watershed Unit Tax Certification Review Sheet

Project Name: Cramer Cattle Feeding

Date: May 10, 2017

Reviewer: WH

Type: Agchem
 Livestock

Log number: TC-135042

Applicant: Lonnie R. Cramer
4541 E. 800th St.
Macomb, IL 61455

Contact: Gayle C. Baker
3116 N. Dries Ln., Ste. 100
Peoria, IL 61604
Phone: 309-693-7615

Facility: Cramer Cattle Feeding
5507 E. 1100th St.
Macomb, IL 61455

Property Index#: 01-000-006-00

Parcel#:

Legal Description:
Section: 1 Twp: 4N R: 3W PM: 4th

County: McDonough

Signature: Lonnie Cramer

Date Control Devices installed: 2016

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 one (1) concrete manure pit (approximately 147 ft. x 54 ft. x 12 ft.) with three (3) pumpout sumps and the concrete slotted portion of the floor over the manure pit that capture and contain waste generated in the barn above. A plastic perimeter drainage pipe (approximately 4 in. x 420 ft.) located around the footing of the manure pit to prevent flotation of the manure pit, a plastic outlet pipe (approximately 4 in. x 280 ft.) connected to the perimeter drainage pipe. A monitoring port and valve on the plastic outlet pipe. A concrete manure stacking facility (approximately 24 ft. x 33 ft. x 6 ft.). The facility collects, transports and stores livestock waste prior to cropland application.

12/14/2016 – 05/09/2017: Phone and email communication with Ms. Gayle Baker regarding clarification and corrections on pollution control facilities to be certified.

Pollution control facilities requested by the applicant:

One (1) concrete manure pit (147 ft. x 54 ft. x 12 ft.) with 3 pumpout sumps: Attachment 1 of the application.

Concrete slatted floor: Attachment 1 of the application.

Plastic perimeter drainage tile (4 in. x 420 ft.), monitoring ports and valves, outlet pipe (4 in. x 280 ft.): shown on Drawing C102 and C501 submitted with the application, requested by 05/9/2017 email from Gayle Baker.

A concrete manure stacking facility (approximately 24 ft. x 33 ft. x 6 ft.): Attachment 1 of the application.

The narrative and the schematic diagram were both provide by Attachment 1 of the application. Withdrawal of the barn above the pit was specified by the email dated 01/05/2017, which stated "Cramer Beef facility is not requesting certification for roof over the pollution control facility, only the liquid manure storage pit and dry manure stack".

Recommended Action: Issue tax certification.

Han, Wei

From: Gayle C. Baker <gcbaker@mstutz.com>
Sent: Tuesday, May 09, 2017 3:58 PM
To: Han, Wei
Subject: [External] Cramer Cattle Tax Certification - Drainage Tile Statement

We request that the perimeter drain tile and outlet pipe with monitoring port system including valves as shown in drawings C501 be included in the tax certification for the Cramer Farms Facility, TC-135042.

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

 Please consider the environment before printing this email.

Privacy Statement This message and/or attached documents may contain privileged/confidential information and is intended for use by the intended recipient only. If you are not the intended recipient indicated in this message (or responsible for delivery of the message to such person), you may not transmit, copy, disclose, store, or utilize this communication in any manner. If you received this message in error, please notify the sender immediately and permanently delete this message from your computer. If you or your employer does not consent to internet e-mail messages of this kind, please notify the sender immediately. The views, opinions, conclusions, and other information expressed in this message are not given or endorsed by Maurer-Stutz, Inc. unless it's related to official business.

Han, Wei

From: Gayle C. Baker <gcbaker@mstutz.com>
Sent: Thursday, May 04, 2017 2:44 PM
To: Han, Wei
Subject: [External] TC-135042 Cramer Cattle Tax Certification

We request that the perimeter drain tile to be included in the tax certification.

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

 Please consider the environment before printing this email.

Privacy Statement This message and/or attached documents may contain privileged/confidential information and is intended for use by the intended recipient only. If you are not the intended recipient indicated in this message (or responsible for delivery of the message to such person), you may not transmit, copy, disclose, store, or utilize this communication in any manner. If you received this message in error, please notify the sender immediately and permanently delete this message from your computer. If you or your employer does not consent to internet e-mail messages of this kind, please notify the sender immediately. The views, opinions, conclusions, and other information expressed in this message are not given or endorsed by Maurer-Stutz, Inc. unless it's related to official business.

Han, Wei

From: Gayle C. Baker <gcbaker@mstutz.com>
Sent: Thursday, January 05, 2017 2:42 PM
To: Han, Wei
Subject: [External] RE: Tax Certification for Cramer Cattle Feeding

No where in our application do we request certification for the walls above the deep pit. We are only requesting certification for the 6 ft walls for the dry manure stack.

I will state again, we are not requesting certification for the walls above the deep pit liquid waste storage facility. We are requesting certification for the 6 ft tall walls on each side of the solid manure stack, as this contains the manure.

Gayle C Baker, PE
| Agricultural Services Engineer
3116 North 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

 Please consider the environment before printing this email.

From: Han, Wei [Wei.Han@Illinois.gov]
Sent: Thursday, January 5, 2017 2:27 PM
To: Gayle C. Baker
Subject: RE: Tax Certification for Cramer Cattle Feeding

Mrs. Baker,

Does the barn has a wall around it? If so, please withdraw the wall of the barn from the application as well. As we talked over the phone, the barn above the pit cannot be considered as pollution control facility and needs to be withdrawn from the application completely.

Wei Han
Facility Evaluation Unit
Bureau of Water
Illinois Environmental Protection Agency

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

From: Gayle C. Baker [mailto:gcbaker@mstutz.com]
Sent: Thursday, January 05, 2017 11:55 AM
To: Han, Wei
Cc: LRC135@gmail.com
Subject: [External] RE: Tax Certification for Cramer Cattle Feeding

Mr. Han,

In followup to your phone call last week, The Cramer Beef Facility is not requesting certification for the roof over the pollution control facility, only the liquid manure storage pit and dry manure stack.

Please let me know if you need anything else.

Gayle C Baker, PE

| Agricultural Services Engineer

3116 North 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

 Please consider the environment before printing this email.

From: Gayle C. Baker

Sent: Thursday, December 29, 2016 10:13 AM

To: Han, Wei

Cc: 'Lonnie Cramer (LRC135@gmail.com)'

Subject: RE: Tax Certification for Cramer Cattle Feeding

Mr. Han,

The Cramer Beef facility request consists of one barn: 256'-0" x 70'-0" beef building with a 146'-7" x 53'-10" x12ft deep concrete storage pit and 24' x 33'-10" manure stack for solid manure storage from the bedpack area. Precast concrete slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pit and manure stack contains the manure accumulation for the entire storage duration between land applications.

The building has an 12ft deep pit that consists of a 5" thick slab and 12" thick pit walls. The walls have footings that are 10" thick and 36" wide. Piers within the pit are 16" in square, 10'-1.5" tall. The columns support 1'-4"x11"x12ft long precast concrete floor beams. The floor beams support a 6.5" thick precast concrete slotted gang slat floor. The building also houses a manure stack facility with 5" thick concrete floor with 6 ft tall walls.

The facility protects ground and surface water by providing collection and storage of livestock waste for about 365 days. Subsequently, the waste may be applied agronomically to cropland under proper soil and weather conditions for safe use.

The roof, bedpack area, and scrape alleys are not included in the request to be certified as a pollution control facility.

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

 Please consider the environment before printing this email.

From: Han, Wei [<mailto:Wei.Han@Illinois.gov>]

Sent: Wednesday, December 14, 2016 11:35 AM

To: Gayle C. Baker

Subject: Tax Certification for Cramer Cattle Feeding

Hi, Ms. Baker

Nice talking to you. Please revise the description of pollution control facility by including structures that are used only for pollution control purposes and providing material, dimensions of such structures. Please let me know if you have any questions. Thanks.

Wei Han
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

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.

*****Privacy Statement***** This message and/or attached documents may contain privileged/confidential information and is intended for use by the intended recipient only. If you are not the intended recipient indicated in this message (or responsible for delivery of the message to such person), you may not transmit, copy, disclose, store, or utilize this communication in any manner. If you received this message in error, please notify the sender immediately and permanently delete this message from your computer. If you or your employer does not consent to internet e-mail messages of this kind, please notify the sender immediately. The views, opinions, conclusions, and other information expressed in this message are not given or endorsed by Maurer-Stutz, Inc. unless it's related to official business.

*****Privacy Statement***** This message and/or attached documents may contain privileged/confidential information and is intended for use by the intended recipient only. If you are not the intended recipient indicated in this message (or responsible for delivery of the message to such person), you may not transmit, copy, disclose, store, or utilize this communication in any manner. If you received this message in error, please notify the sender immediately and permanently delete this message from your computer. If you or your employer does not consent to internet e-mail messages of this kind, please notify the sender immediately. The views, opinions, conclusions, and other information expressed in this message are not given or endorsed by Maurer-Stutz, Inc. unless it's related to official business.

BOW ID: W1098060005

Cramer Cattle Feeding - Macomb

Tax Certification

TC-135042



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>Cramer Cattle Feeding</u>	Person to Contact for Additional Details <u>Gayle C. Baker</u>
Person Authorized to Receive Certification <u>Lonnie R. Cramer</u>	Street Address: <u>3116 N. Dries Ln., Ste. 100</u>
Street Address: <u>4541 E. 800th St.</u>	City: <u>Peoria</u> State: <u>IL</u>
City: <u>Macomb</u> State: <u>IL</u>	Zip: <u>61604</u> Phone: <u>309-693-7615</u>
Zip: <u>61455</u> Phone: <u>309-255-4561</u>	Email Address: <u>qcbaker@mstutz.com</u>
Email Address: <u>lrc135@gmail.com</u>	

II. Facility Information:

Facility Location: Quarter Section: 1 Township: Bethel Range: 3
Municipality: Lots 8 & 11 NW Township: 4

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

Address: 5507 E. 1100th St. City: Macomb
State: IL Zip Code: 61455 County: McDonough Book Number: _____

Property Index Number: 01-000-006-00

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:

<u>Beef cattle feeding</u>

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:

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. 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&503; 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
Manure	Liquid and Solid 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: January 4, 2016

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

January 4, 2016

Status of installation on date of application:

Operational with beef cattle, manure is contained.
--

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))

Lonnie R. Cramer	Owner/Operator
Printed Name:	Title:

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

	4-25-16
Signature:	Date:

Application for Certification (Property Tax Treatment) Pollution Control Facility
CRAMER CATTLE FEEDING

ATTACHMENT 1: Facility Pollution Control Facility Description

The facility consists of one barn: 256'-0" x 70'-0" beef building with a 146'-7" x 53'-10" x12ft deep concrete storage pit and 109'-5" x 43'-10" bedpack area with manure stack. Precast concrete slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pit and the bedpack area contains the manure accumulation for the entire storage duration between land applications. The barn has 3 pumpout sumps that collect manure and allow manure transfer through a hose to be pumped for field application.

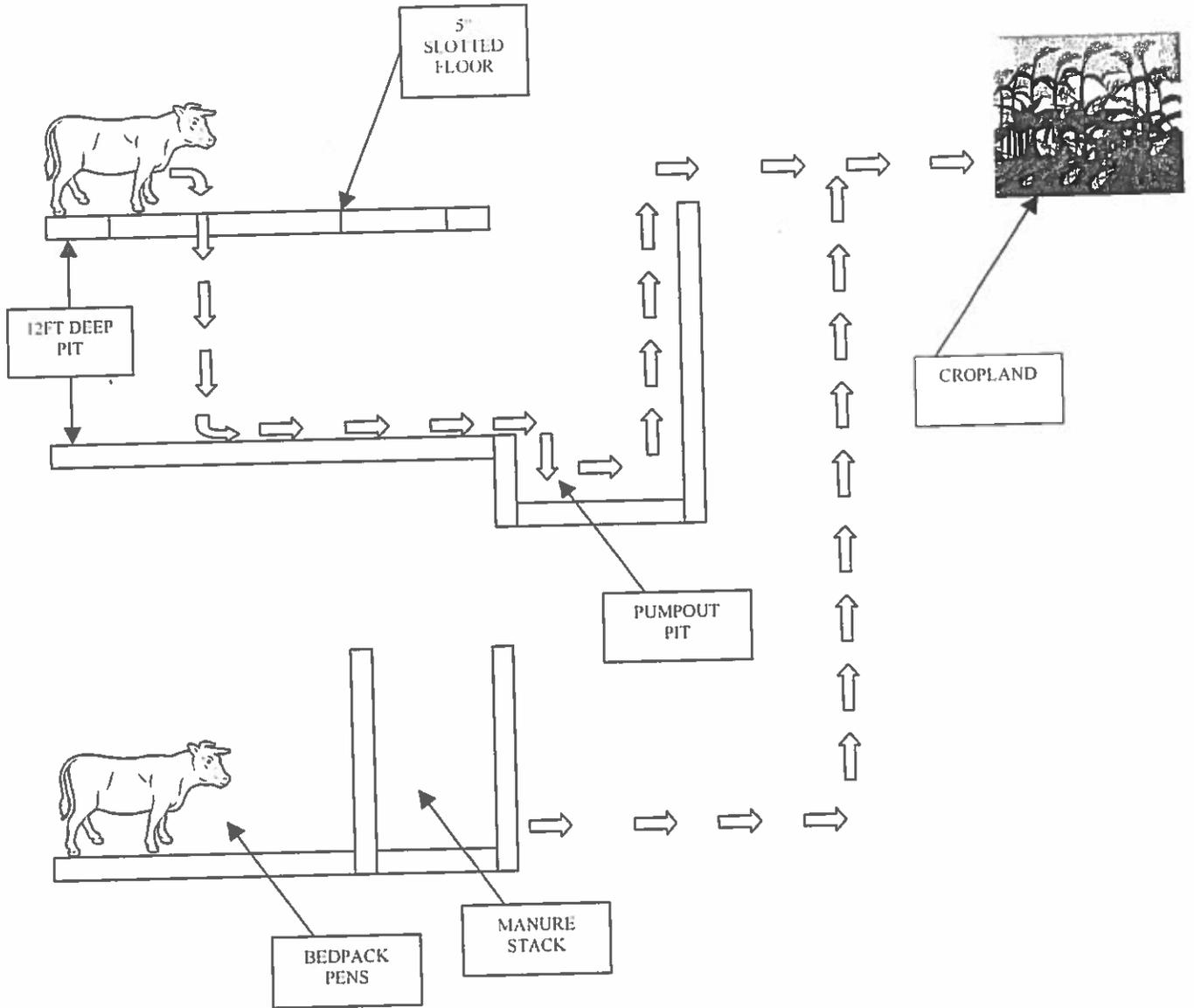
The building has an animal capacity of 593 head of beef animals.

The building has an 12ft deep pit that consists of a 5" thick slab and 12" thick pit walls. The walls have footings that are 10" thick and 36" wide. Piers within the pit are 16" in square, 10'-1.5" tall. The columns support 1'-4"x11"x12ft long precast concrete floor beams. The floor beams support a 6.5" thick precast concrete slotted gang slat floor. The building also houses a bedpack facility with 5" thick concrete floor and a manure stack with 6 ft tall walls and 5" thick concrete floor. Liquid manure from the bedpack barn is scraped into the liquid manure pit using the 5" thick concrete scrape alleys.

The facility protects ground and surface water by providing collection and storage of livestock waste for about 365 days. Subsequently, the waste may be applied agronomically to cropland under proper soil and weather conditions for safe use.

Application for Certification (Property Tax Treatment) Pollution Control Facility
CRAMER CATTLE FEEDING

MANURE DIAGRAM



Application for Certification (Property Tax Treatment) Pollution Control Facility
CRAMER CATTLE FEEDING

ATTACHMENT 2: Purpose of Pollution Control Facility

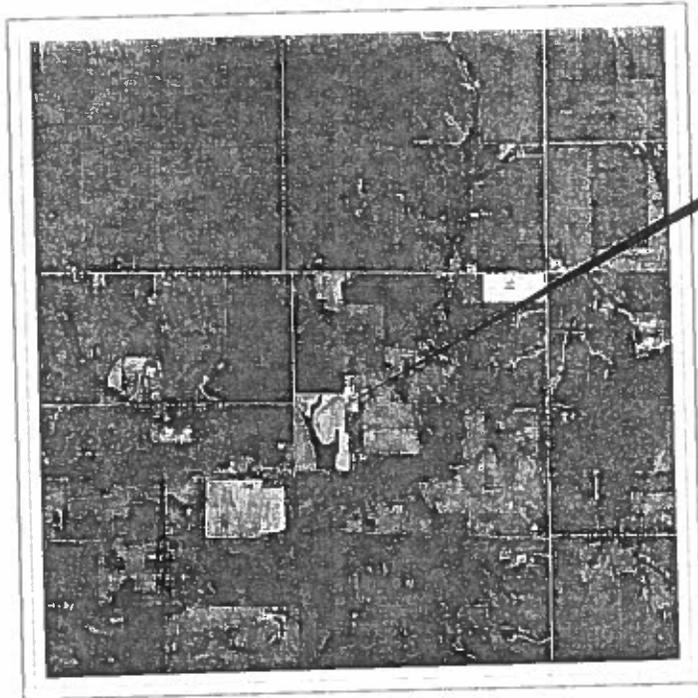
The primary purpose of the facilities is to provide storage for the manure until it can be properly land applied to cropland at agronomic rates.

CONSTRUCTION PLANS FOR CRAMER FARMS

McDONOUGH COUNTY, ILLINOIS

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
	COVER SHEET
C101	FARMSTEAD PLAN
C102	SITE PLAN
C103	GRADING PLAN
C501	PIPING DETAILS AND NOTES
C502	ROCK TRENCH AND PIPE OUTLET DETAIL
A101	FLOOR PLAN - SUMMIT
A201	BUILDING ELEVATIONS - SUMMIT
A301	BUILDING SECTION DETAIL - SUMMIT
A401	WALL SECTION DETAILS - SUMMIT
S101	FOUNDATION PLAN - SUMMIT
S102	ROOF FRAMING PLAN - SUMMIT
S301	FOUNDATION DETAILS - SUMMIT
S302	FOUNDATION DETAILS - SUMMIT
S303	FOUNDATION DETAILS - SUMMIT
S501	STEEL SHOP DRAWINGS - SUMMIT
S502	STEEL SHOP DRAWINGS - SUMMIT
S510	TRUSS SHOP DRAWINGS - SUMMIT
S701	PRECAST FLOOR MEMBER, CUSTOM PRECAST



McDONOUGH COUNTY

STATE OF ILLINOIS
 DEPARTMENT OF LAND SURVEYING
 LICENSED SURVEYOR AND REGISTERED PROFESSIONAL ENGINEER

100' Scale and 1 inch = 100'

1" = 100' Survey of 100' x 100'

100' Subdivision of 100'

100' Subdivision of 100'

100' Subdivision of 100'

100' Subdivision of 100'



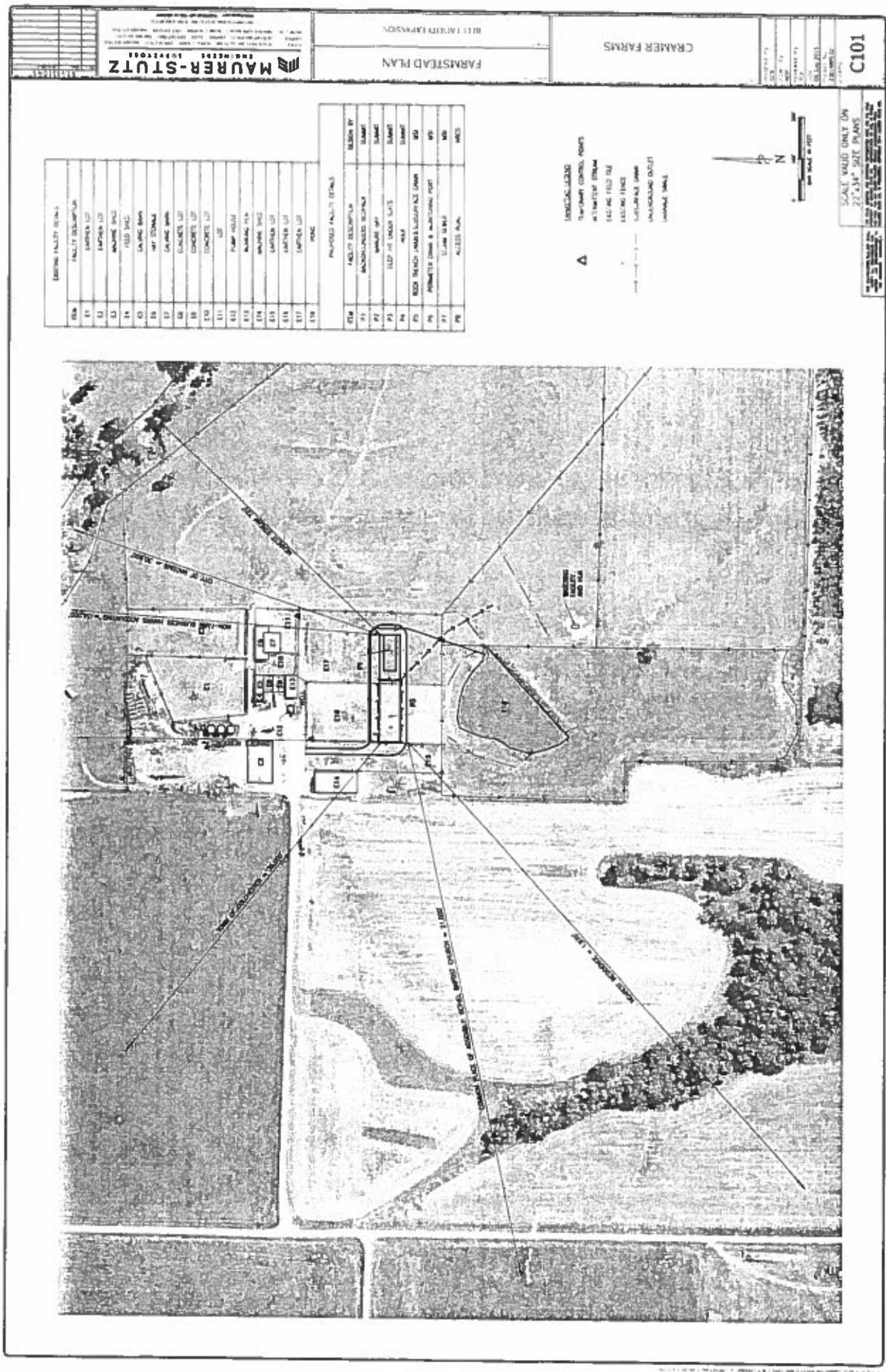
CHARLES C. MILLER, PE
 PE No. 0082-068852
 EXP. DATE 11/30/2015

PLANS PREPARED BY:



MSI PROJECT NO. 23814005.02





EXISTING FACILITY DETAILS

NO.	DESCRIPTION
01	FACILITY 101
02	FACILITY 102
03	FACILITY 103
04	FACILITY 104
05	FACILITY 105
06	FACILITY 106
07	FACILITY 107
08	FACILITY 108
09	FACILITY 109
10	FACILITY 110
11	FACILITY 111
12	FACILITY 112
13	FACILITY 113
14	FACILITY 114
15	FACILITY 115
16	FACILITY 116
17	FACILITY 117
18	FACILITY 118
19	FACILITY 119
20	FACILITY 120

PAVING DETAILS

NO.	DESCRIPTION	DESIGN BY
01	ASPHALT	SLAMM
02	CONCRETE	SLAMM
03	GRAVEL	SLAMM
04	GRAVEL	SLAMM
05	GRAVEL	SLAMM
06	GRAVEL	SLAMM
07	GRAVEL	SLAMM
08	GRAVEL	SLAMM
09	GRAVEL	SLAMM
10	GRAVEL	SLAMM
11	GRAVEL	SLAMM
12	GRAVEL	SLAMM
13	GRAVEL	SLAMM
14	GRAVEL	SLAMM
15	GRAVEL	SLAMM
16	GRAVEL	SLAMM
17	GRAVEL	SLAMM
18	GRAVEL	SLAMM
19	GRAVEL	SLAMM
20	GRAVEL	SLAMM

LEGEND SYMBOLS

△	TEMPORARY CONTROL POINT
○	EXISTING FIELD TILE
□	EXISTING FENCE
—	EXISTING DRIVE
—	EXISTING DRAINAGE
—	EXISTING UTILITY
—	EXISTING WALL



C101
 SCALE: 1" = 40' (AS SHOWN)
 DATE: 05/23/2017

MAURER-STUTZ
 ENGINEERS & ARCHITECTS
 1000 WEST 10TH AVENUE
 DENVER, CO 80202
 TEL: 303.733.1100
 FAX: 303.733.1101
 WWW.MAURER-STUTZ.COM

FARMSTEAD PLAN
 BEE FARM EXPANSION

CRAMER FARMS

- GENERAL NOTES**
1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 2. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 3. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 4. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 5. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 6. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 7. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 8. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 9. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.



OPEN TRENCH EXCAVATION DETAIL

- OPEN TRENCH EXCAVATION DETAIL**
1. TRENCH SHALL BE 18" WIDE AND 18" DEEP.
 2. TRENCH SHALL BE 1:1 SLOPE.
 3. TRENCH SHALL BE 18" WIDE AND 18" DEEP.
 4. TRENCH SHALL BE 1:1 SLOPE.
 5. TRENCH SHALL BE 18" WIDE AND 18" DEEP.
 6. TRENCH SHALL BE 1:1 SLOPE.
 7. TRENCH SHALL BE 18" WIDE AND 18" DEEP.
 8. TRENCH SHALL BE 1:1 SLOPE.
 9. TRENCH SHALL BE 18" WIDE AND 18" DEEP.
 10. TRENCH SHALL BE 1:1 SLOPE.

- GENERAL NOTES**
1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 2. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 3. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 4. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 5. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 6. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 7. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 8. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 9. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
 10. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.

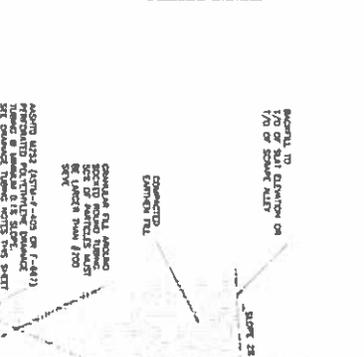


TRENCH EXCAVATION DETAIL

- TRENCH EXCAVATION DETAIL**
1. TRENCH SHALL BE 18" WIDE AND 18" DEEP.
 2. TRENCH SHALL BE 1:1 SLOPE.
 3. TRENCH SHALL BE 18" WIDE AND 18" DEEP.
 4. TRENCH SHALL BE 1:1 SLOPE.
 5. TRENCH SHALL BE 18" WIDE AND 18" DEEP.
 6. TRENCH SHALL BE 1:1 SLOPE.
 7. TRENCH SHALL BE 18" WIDE AND 18" DEEP.
 8. TRENCH SHALL BE 1:1 SLOPE.
 9. TRENCH SHALL BE 18" WIDE AND 18" DEEP.
 10. TRENCH SHALL BE 1:1 SLOPE.

SUBSURFACE DRAIN TRENCH SCHEDULE CHART

TRENCH SIZE	MINIMUM LENGTH
4"	30'
6"	40'
8"	50'
10"	60'
12"	70'
14"	80'
16"	90'
18"	100'



SUBSURFACE DRAIN TRENCH DETAIL

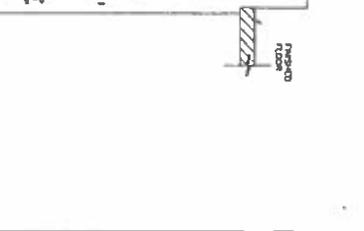
- SUBSURFACE DRAIN TRENCH DETAIL**
1. TRENCH SHALL BE 18" WIDE AND 18" DEEP.
 2. TRENCH SHALL BE 1:1 SLOPE.
 3. TRENCH SHALL BE 18" WIDE AND 18" DEEP.
 4. TRENCH SHALL BE 1:1 SLOPE.
 5. TRENCH SHALL BE 18" WIDE AND 18" DEEP.
 6. TRENCH SHALL BE 1:1 SLOPE.
 7. TRENCH SHALL BE 18" WIDE AND 18" DEEP.
 8. TRENCH SHALL BE 1:1 SLOPE.
 9. TRENCH SHALL BE 18" WIDE AND 18" DEEP.
 10. TRENCH SHALL BE 1:1 SLOPE.

PIPE SCHEDULE CHART FOR ROOF DRAIN MATERIAL DIMENSIONS

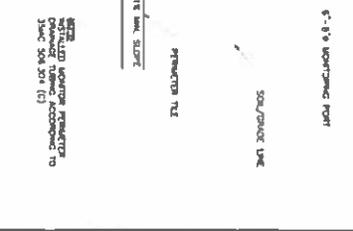
PIPE SIZE	MINIMUM LENGTH
4"	30'
6"	40'
8"	50'
10"	60'
12"	70'
14"	80'
16"	90'
18"	100'



PIPE SCHEDULE CHART FOR ROOF DRAIN MATERIAL DIMENSIONS



ROOF DRAIN DETAIL



GENERAL NOTES

NO.	DATE	BY	DESCRIPTION
1	11/14/17	...	...
2
3
4
5
6
7
8
9
10

Lonnie Cramer Monoslope
 5507 E 110th St
 Macomb, IL 61455
 1100R PLAN

All Summit
 Liveness Facilities
 SummitLiveness.com • (800) 213-0567

A-101
 SHEET NO. 101
 PROJECT NO. 17-069
 DATE: 11/14/17

PROJECT INFO

DESIGN LOADS ASCE 7-10

TYPE	UNIFORM	POINT	WIND	SEISMIC
ROOF	20 psf	20 psf	15 psf	0.10
FLOOR	40 psf	40 psf	15 psf	0.10
WALL	20 psf	20 psf	15 psf	0.10

KEYER SCHEDULE

NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	TOTAL
1
2
3
4
5
6
7
8
9
10

TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, JUDGMENT AND BELIEF, THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY, EXPRESS OR IMPLIED, FOR THE ACCURACY, COMPLETENESS, OR QUALITY OF THE INFORMATION CONTAINED HEREIN. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY, EXPRESS OR IMPLIED, FOR THE ACCURACY, COMPLETENESS, OR QUALITY OF THE INFORMATION CONTAINED HEREIN.

1. NO RT/WEST CORNER DETAIL

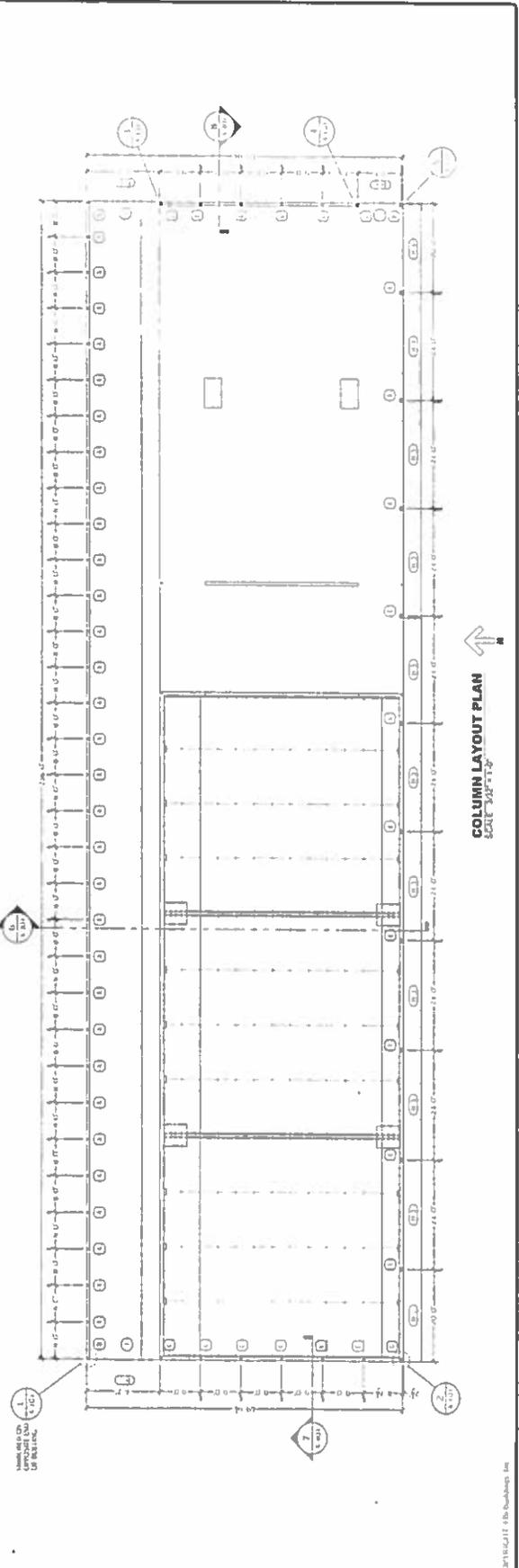
1. NO RT/WEST CORNER DETAIL
 1. NO RT/WEST CORNER DETAIL
 1. NO RT/WEST CORNER DETAIL

2. EAST ENDWALL OPENING DETAIL

2. EAST ENDWALL OPENING DETAIL
 2. EAST ENDWALL OPENING DETAIL
 2. EAST ENDWALL OPENING DETAIL

3. SOUTH EAST CORNER DETAIL

3. SOUTH EAST CORNER DETAIL
 3. SOUTH EAST CORNER DETAIL
 3. SOUTH EAST CORNER DETAIL

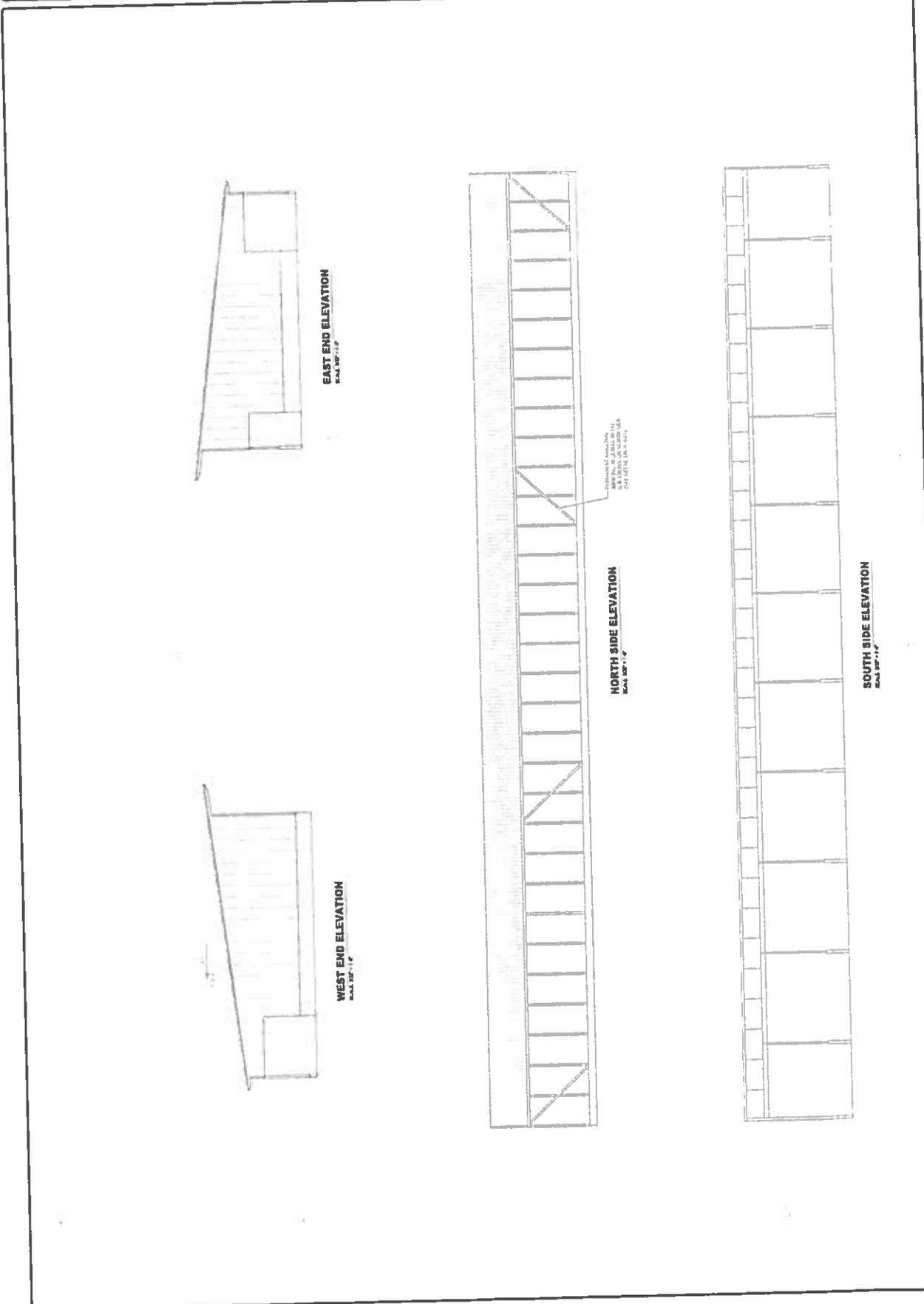


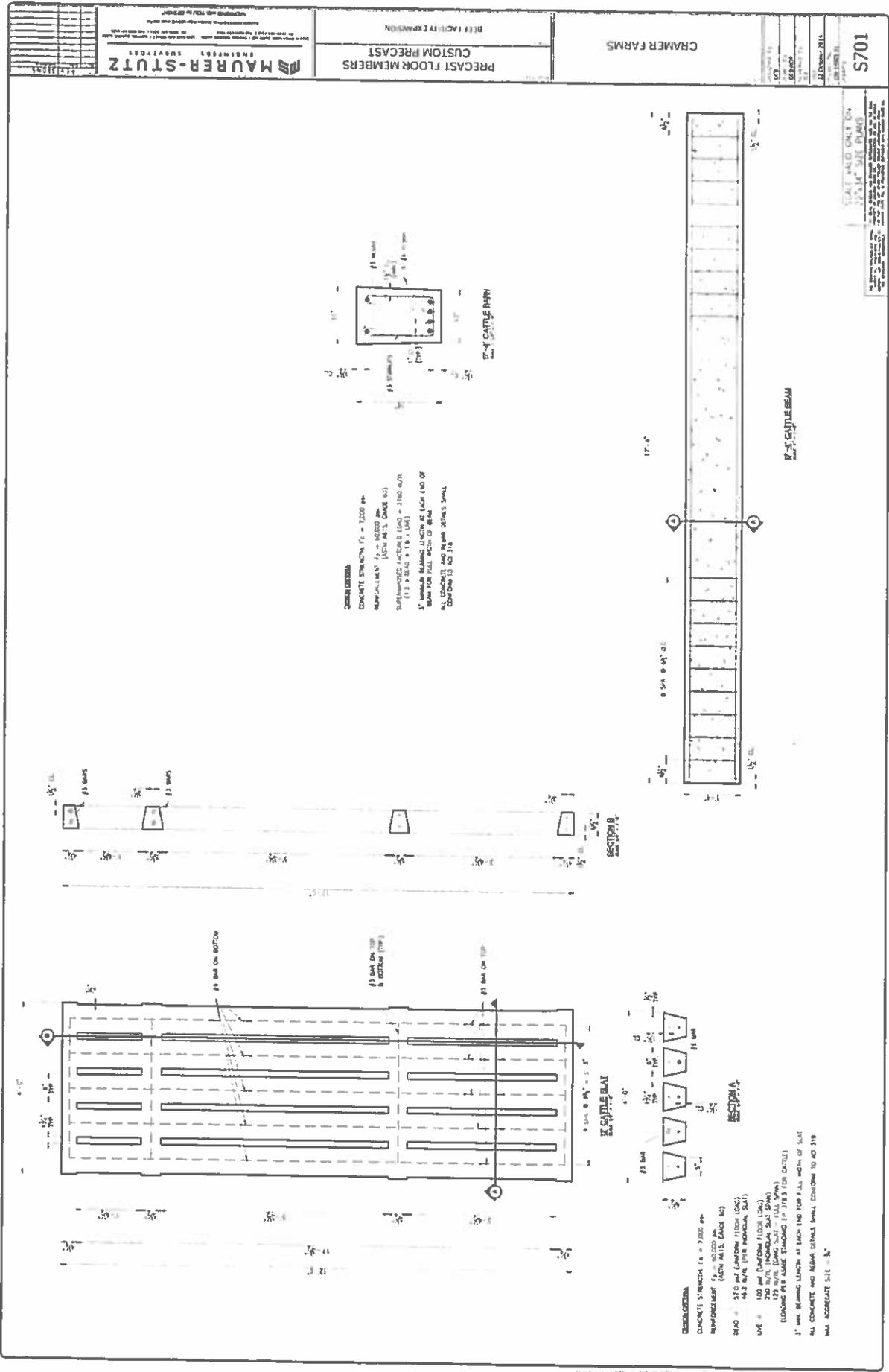
NO.	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

Lonnie Cramer Monoslope
 5907E 1100 SE
 MACON, GA 31204
 (800) 213-0567

Summit Livestock Facilities
 Maximizing Your Profit Potential
 SummitLivestock.com • (800) 213-0567

A-201
 PROJECT NO.
 SHEET NO.
 DATE





MAURER-STUTZ ENGINEERS
 14111521
 PRECAST FLOOR MEMBERS
 CUSTOM PRECAST
 BEEF FACILITY EXPANSION
 CRAMER FARMS

5701
 11/15/2016
 11/15/2016
 11/15/2016

DESIGN CRITERIA
 CONCRETE STRENGTH $f_c = 3,000$ psi
 REINFORCEMENT $f_y = 60,000$ psi
 (ACI 318, CODE 6.5)
 SUPERIMPOSED FLOOR LOAD = 2100 psf
 (1.2 x DEAD + 1.6 x LIVE)
 3" MINIMUM SLAB THICKNESS AT EACH END OF
 BEAM FOR FULL DEPTH OF SLAB
 ALL CONCRETE AND REBAR DETAILS SHALL
 CONFORM TO ACI 318

DESIGN CRITERIA
 CONCRETE STRENGTH $f_c = 3,000$ psi
 REINFORCEMENT $f_y = 60,000$ psi
 (ACI 318, CODE 6.5)
 DEAD = 310 psf (FORMS) (1200) (200)
 LIVE = 482 psf (PER PERMITS, SLAB)
 LIVE = 120 psf (PERMITS) (1200) (200)
 250 psf (NON-DECK SLAB) (200)
 (LOADS PER PERMITS) (1200) (200)
 (LOADS PER PERMITS) (1200) (200)
 3" MIN. SLAB THICKNESS AT EACH END FOR FULL DEPTH OF SLAB
 ALL CONCRETE AND REBAR DETAILS SHALL CONFORM TO ACI 318
 MAX. AGGREGATE SIZE = 3"

SLAB VALUED ONLY ON
 27'-11" SIZE PLANS
 ALL DIMENSIONS ARE IN FEET AND INCHES
 UNLESS OTHERWISE NOTED
 ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE
 ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE

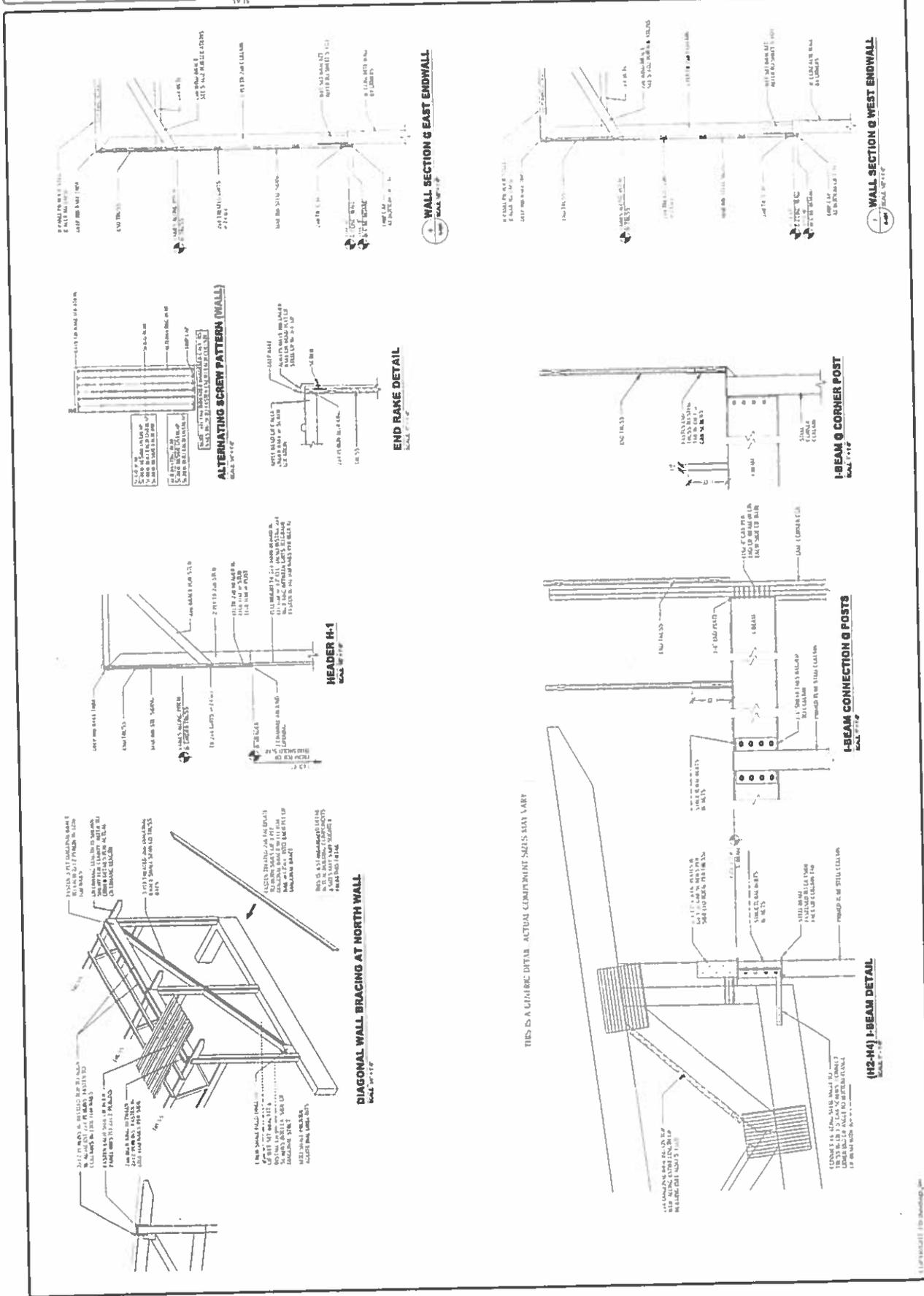
NO.	DATE	BY	REVISIONS
1	05/17/17	WJL	ISSUED FOR PERMITS
2	05/17/17	WJL	REVISED PER COMMENTS
3	05/17/17	WJL	REVISED PER COMMENTS
4	05/17/17	WJL	REVISED PER COMMENTS
5	05/17/17	WJL	REVISED PER COMMENTS
6	05/17/17	WJL	REVISED PER COMMENTS
7	05/17/17	WJL	REVISED PER COMMENTS
8	05/17/17	WJL	REVISED PER COMMENTS
9	05/17/17	WJL	REVISED PER COMMENTS
10	05/17/17	WJL	REVISED PER COMMENTS

Lonnie Cramer Monoscope
 5507 E 1100th St
 Mchenry, IL 61455
 BAPT TRUST
 W411 SECTION 28 FAC15

Summit Livestock Facilities
 Maximizing Your Profit Potential
 SummitLivestock.com • (800) 213-0567

PROJECT NO.	DATE
17-00000	05/17/17
CLIENT NAME	DATE
WJL	05/17/17
PROJECT NAME	DATE
MONOSCOPE	05/17/17

A-401

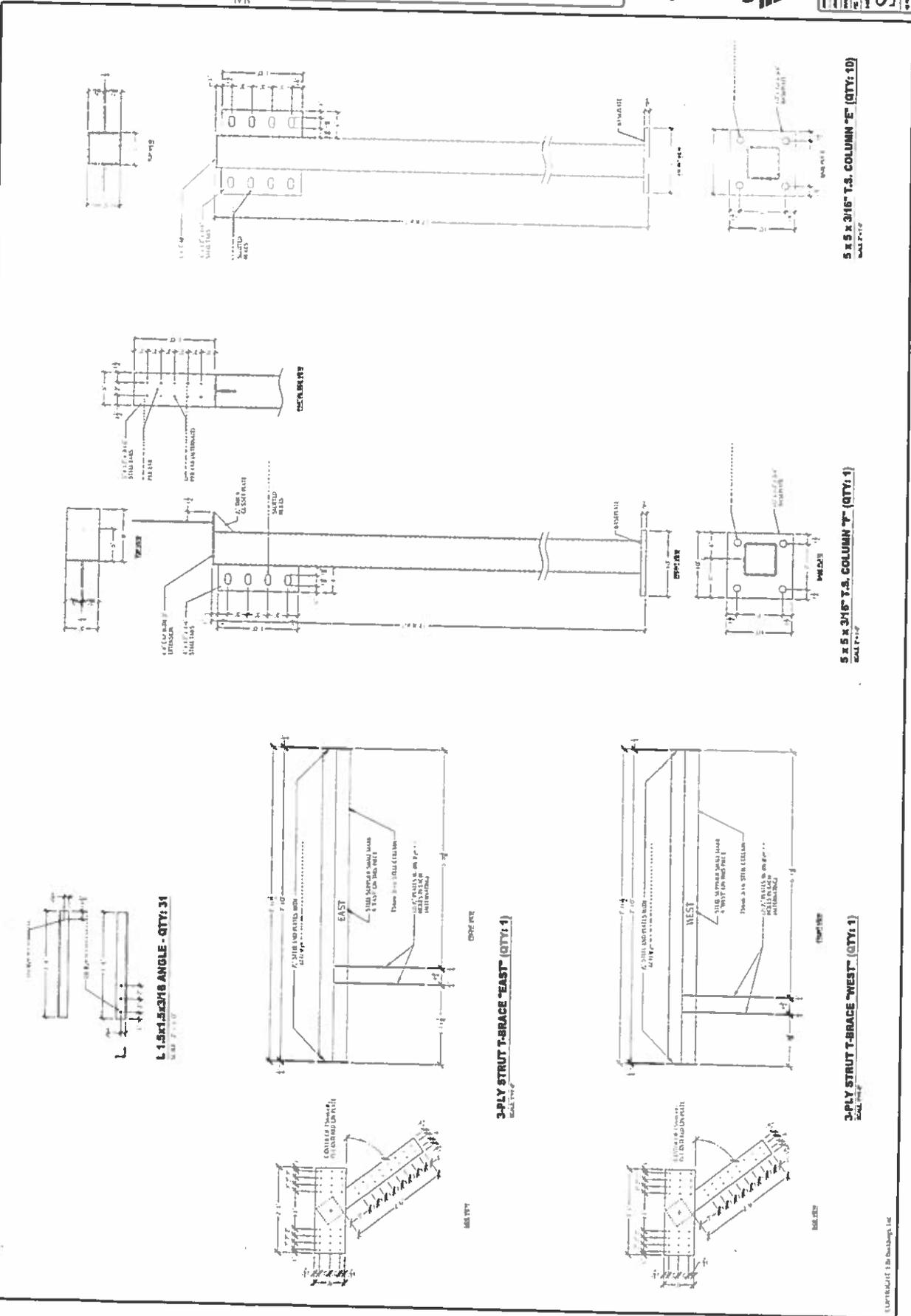


NO.	DATE	BY	DESCRIPTION
1	5/23/17	...	...
2	5/23/17	...	...
3	5/23/17	...	...
4	5/23/17	...	...
5	5/23/17	...	...
6	5/23/17	...	...
7	5/23/17	...	...
8	5/23/17	...	...
9	5/23/17	...	...
10	5/23/17	...	...

Lonnie Cramer Monoslope
 5507 E 1100 St
 Maricopa, AZ 85139
 SHEET NO. 1
 STILL SHOW DRAWINGS

Summit
 Livelock Facilities
 Making Your Print Perfect!
 SummitLivelock.com • (800) 213-0567

S-501
 11/20/17
 11/20/17
 11/20/17



L 1.5x1.5x3/16 ANGLE - (QTY: 3)
 SCALE: 1/8\"/>

3-PLY STRUT T-BRACE "EAST" (QTY: 1)
 SCALE: 1/8\"/>

3-PLY STRUT T-BRACE "WEST" (QTY: 1)
 SCALE: 1/8\"/>

**5 x 5 x 3/16\"/>
 SCALE: 1/8\"/>**

**5 x 5 x 3/16\"/>
 SCALE: 1/8\"/>**

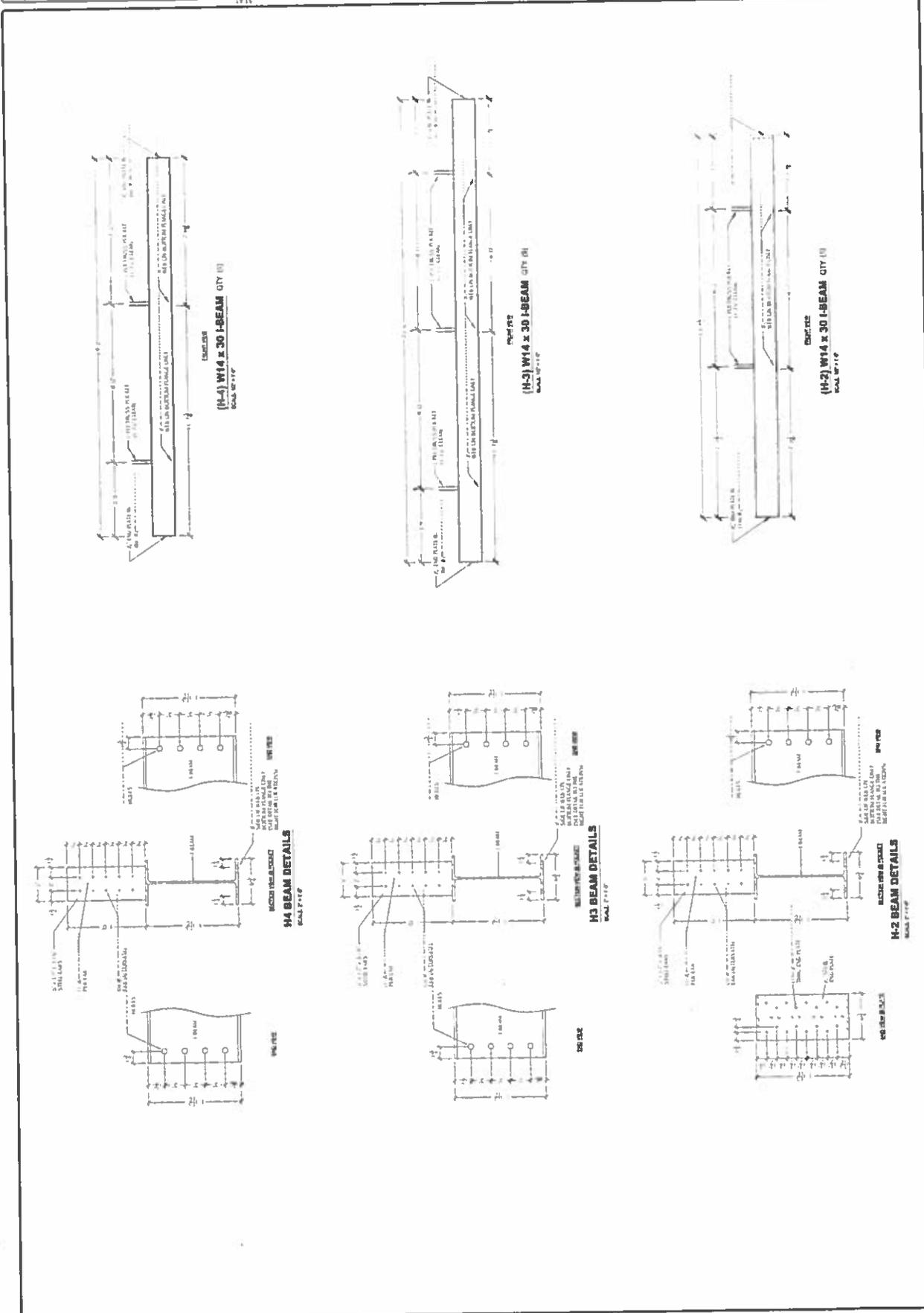
NO.	DATE	BY	DESCRIPTION

Lonnie Cramer Monoscope
 1507 E 1100 S
 Macomb, IL 61455
 5711 SHAW DR. #205
 MACOMB, IL 61455

Summit Livestock Facilities
 Making Your Profit Potential
 SummitLivestock.com • (800) 213-0567

NO. OF SHEETS	12
TOTAL SHEETS	12
DATE	5/23/17
PROJECT NO.	
PROJECT NAME	

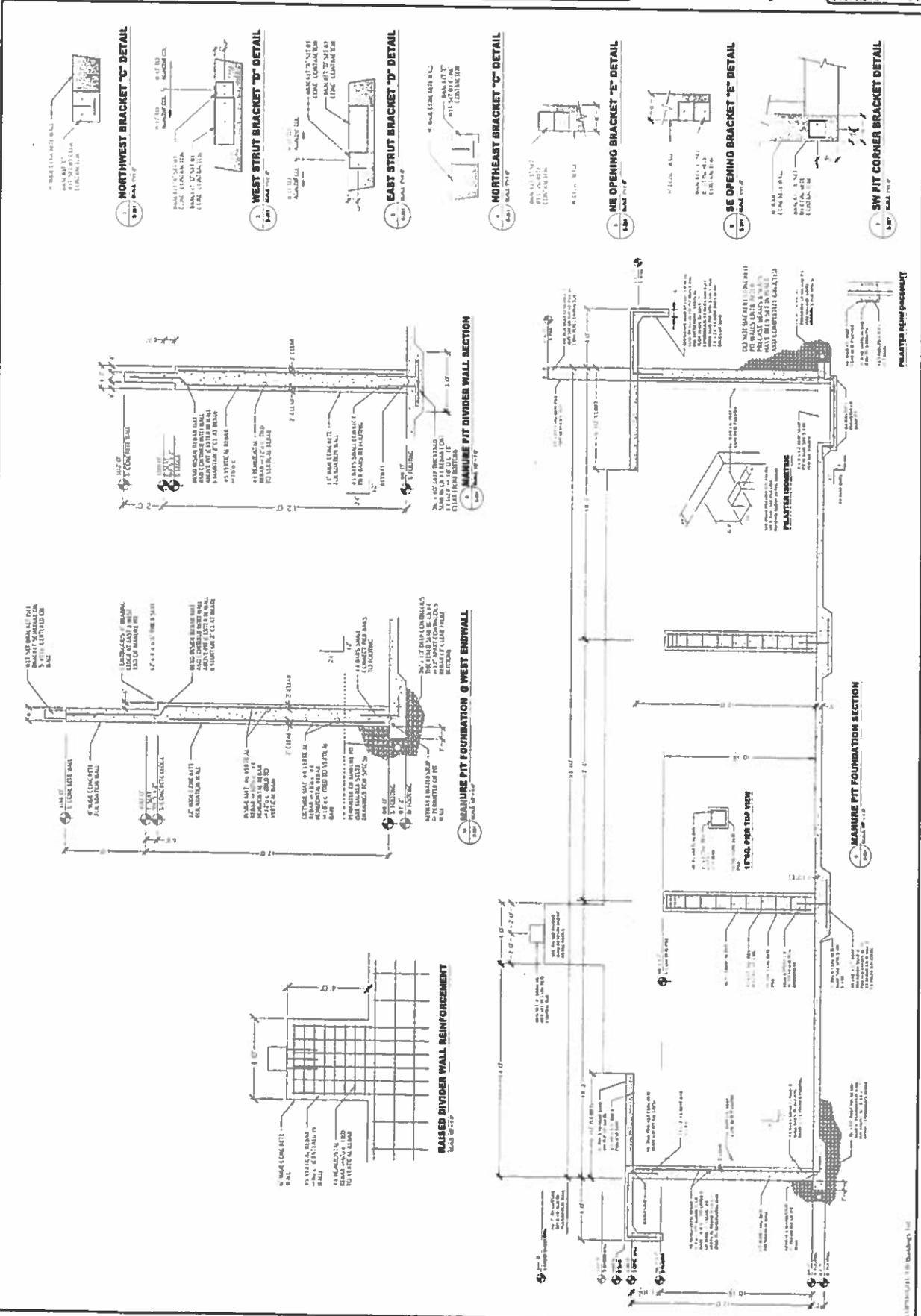
S-502



REV	DATE	BY	DESCRIPTION
1	05/18/17	...	...
2	05/18/17	...	...
3	05/18/17	...	...
4	05/18/17	...	...
5	05/18/17	...	...
6	05/18/17	...	...
7	05/18/17	...	...
8	05/18/17	...	...
9	05/18/17	...	...
10	05/18/17	...	...

Lonnie Cramer Monoscope
 4307 E 1100 S
 MOUNTAIN VIEW, CO 81605
 (303) 441-1100
 FAX: (303) 441-1101
 www.monoscope.com

Summit Livelock Facilities
 Maximizing Your Profit Potential
 SummitLivelock.com • (800) 213-0567



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 May 23, 2017, the attached **NOTICE, 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:

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

Lonnie R. Cramer
4541 E. 800th St.
Macomb, Illinois 61455

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

THIS FILING IS SUBMITTED ON RECYCLED PAPER

