

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Christensen Swine-Sheffield)
(Property Identification Number) PCB 17-
07-26-400-001) (Tax Certification)
)

NOTICE

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

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

Peter Sheffield
P.O. Box 11
Sheffield, Illinois 61361

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: Vera Herst
Vera Herst
Assistant Counsel
Division of Legal Counsel

DATED: September 22, 2016

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

Christensen Swine-Sheffield)
(Property Identification Number) PCB 17-
07-26-400-001) (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: Vera Herst
Vera Herst
Assistant Counsel
Division of Legal Counsel

DATED: September 22, 2016

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

Christensen Swine-Sheffield)
(Property Identification Number) PCB 17-
07-26-400-001) (Tax Certification)
)

**RECOMMENDATION OF THE ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY**

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

1. On December 11, 2015, the Illinois EPA received a request from Christensen Swine-Sheffield (log number TC-32-15, 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: Christensen Swine
4752 1950 N. Ave
Sheffield, IL 61361

The proposed water pollution control facilities in this request are located in Section 26, Township 17N, Range 6E of the 4th P.M. in Bureau County, at the above street address and consist of the following:

One concrete manure pit (approximately 277 ft. x 71 ft. x 10 ft. deep) with 8 concrete manure pump out pits (approximately 6 ft. x 6 ft. x 10 ft. each) and the portion of concrete slotted flooring over the manure pit; and one livestock mortality management facility consisting of one roofed concrete composting structure (approximately 96 ft. x 26 ft. x 6 ft. deep) consisting of six 16 ft. x 26 ft. bins for the purposes of composting dead swine.

- These livestock waste management facilities are 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.
 7. Additional facilities in this request are:

Livestock waste management facilities consisting of one concrete manure pit (approximately 277 ft. x 71 ft. x 10 ft. deep) with 6 concrete manure pump out pits (approximately 6 ft. x 6 ft. x 10 ft. each) and the portion of concrete slotted flooring over the manure pit; one concrete manure pit (approximately 96 ft. x 50 ft. x 8 ft. deep) and the portion of concrete slotted flooring over the manure pit.

These are also described in Exhibit A.

8. The IEPA has determined that these additional facilities were granted the requested tax certification by the Pollution Control Board on July 24, 2014 (a copy of PCB 15-9 Tax Certification –Water) is attached as Exhibit B.

WHEREFORE, the Illinois EPA recommends that the Board grant the requested tax certification to the facilities described in (3) above; and deny the requested tax certification to the facilities described in (7) above. The applicant has 35 days after the date of service to file a petition with the Board to contest this recommendation (35 Ill. Adm. Code 125.204).

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: Vera Herst
Vera Herst
Assistant Counsel
Division of Legal Counsel

Dated: September 22, 2016

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, ACTING DIRECTOR

Memorandum

To: Charles Gunnarson, Division of Legal Counsel

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

Date: **AUG 08 2016**

Re: Christensen Swine – Sheffield
Recommendation of Tax Certification
Log # TC-32-15
Property Identification # 07-26-400-001

The Bureau of Water received a request on December 11, 2015 from Christensen Swine for an Illinois EPA recommendation regarding the tax certification of water pollution control facilities pursuant to 35 Il. Adm. Code 125.204. We offer the following recommendation.

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

Christensen Swine
4752 1950 N. Ave.
Sheffield, IL 61361

Section 26, Township 17N, Range 6E of the 4th PM in Bureau County.

Livestock waste management facilities consisting of one concrete manure pit (approximately 277 ft. x 71 ft. x 10 ft. deep) with 6 concrete manure pump out pits (approximately 6 ft. x 6 ft. x 10 ft. each) and the portion of concrete slotted flooring over the manure pit; one concrete manure pit (approximately 96 ft. x 50 ft. x 8 ft. deep) and the portion of concrete slotted flooring over the manure pit; one concrete manure pit (approximately 277 ft. x 71 ft. x 10 ft. deep) with 8 concrete manure pump out pits (approximately 6 ft. x 6 ft. x 10 ft. each) and the portion of concrete slotted flooring over the manure pit; and one livestock mortality management facility consisting of one roofed concrete composting structure (approximately 96 ft. x 26 ft. x 6 ft. deep) consisting of six 16 ft. x 26 ft. bins for the purposes of composting dead swine.

These livestock waste management facilities are used to collect, transport and/or store livestock wastes prior to cropland application.

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

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

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

SAK:TJF:TC-32-15.docx

cc: Tax Cert File

Watershed Unit Tax Certification Review Sheet

Project Name: Christensen Swine Location: Sheffield
 Reviewer: Treadwell Date: 7/29/16
 Log No.: TR-32-15 Type: Agchem
 Livestock

Applicant: Peter Christensen Contact: Jason Olmstead
PO Box 11 Phone: 309-633-7415
Sheffield, IL 61761
315-946-7415

Facility: Christensen Swine Property ID: 07-26-400-001
4757 1950 N. Ave.
Sheffield, IL 61761

Legal Description: Section 26 T17N, R6E of 41st PM County: Bureau

Date Control Devices Installed: 1999 to 7/9/2015 Provided Fair Cash Value: No - not on new farm

Signature: Peter Christensen 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:

- one concrete manure pit (277 ft x 11 ft x 10 ft deep) w/ 6 concrete supports
each 6 ft x 6 ft and concrete slatted floor
- one concrete manure pit (96 ft x 50 ft x 8 ft deep)
- one concrete manure pit (277 ft x 71 ft x 10 ft deep) w/ 9 concrete supports
each 6 ft x 6 ft and concrete slatted floor
- one concrete dead swine compost facility (96 ft x 26 ft x 6 ft deep) consisting of
6 bins (each 16 ft x 26 ft) w/ roof

Other: _____



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

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

DEC 11 2016
 WWWPC/PERMIT SECTION

I. Applicant Information:

Company Name: <u>Christensen Swine</u>	Person to Contact for Additional Details: <u>Jason E. Olmstead, PE</u>
Person Authorized to Receive Certification: <u>N. Peter Christensen</u>	Street Address: <u>Maurer-Stutz, Inc. 3116 Dries Ln., Ste 100</u>
Street Address: <u>P.O. Box 11</u>	City: <u>Peoria</u> State: <u>IL</u>
City: <u>Sheffield</u> State: <u>IL</u>	Zip: <u>61604</u> Phone: <u>309.693.7615</u>
Zip: <u>61361</u> Phone: <u>815.866.3481</u>	Email Address: _____
Email Address: _____	

II. Facility Information:

Facility Location: Quarter Section: 26 Township: 17N Range: 6E
 Municipality: _____ Township: Gold

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

Address: 4752 1950 N Ave City: Sheffield
 State: IL Zip Code: 61361 County: Bureau Book Number: _____

Property Index Number: 07-26-400-001

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:

Swine Facility

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)

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: 7/8/2015

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

See attached Sheet

Status of installation on date of application:

Completed

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))

N. Peter Cristensen
Printed Name:

Owner
Title:

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

N. Peter Cristensen
Signature:

12-9-15
Date:

Pete Christensen Swine facility

The facility consists of three barns:

- Building 1 - 277' x 71'-2" swine building with 10ft deep concrete storage pit. (Installed 2013)
- Building 2 - 96' x 50' swine building with 8ft deep concrete storage pit. (Installed prior to 1998)
- Building 3 - 277'-4" x 71'-2" swine building with 10ft deep concrete storage pit. (Installed 2015)
- Building 4 - 96'-8" x 26'-8" swine mortality swine composting building with concrete walls and floor and wood roof structure. (Installed 2015)

All buildings have Precast concrete slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pit. Buildings 1 and 3 each have 6 pump-out pits (3 along each sidewall) that collect manure and allow manure transfer through a hose to be pumped for field application. Building 2 has 10 pump-out tubes that allow manure transfer through a hose to be pumped for field application.

Buildings 1 and 3 each have an animal capacity of 2400 head of wean-finish swine. Building 2 has an animal capacity of 500 head of grow-finish swine.

Building 1 (E2) has a 10ft deep pit that consists of a 4" thick slab and 8" thick pit walls. The walls have footings that are 9" thick and 2'-0" wide. Columns within the pit are 14" in diameter, 9'-2" tall and supported by 40"x40" 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 pump-out 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.

Building 2 (E1) has an 8ft deep pit that consists of a 4" thick slab and 8" thick pit walls. The walls have footings that are estimated to be 9" thick and 2'-0" wide. Columns within the pit are 12" in diameter, 7'-2" tall and supported by 40"x40" 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. The pump-out tubes are PVC pipes thru the pit walls.

Building 3 (P1) has a 10ft deep pit that consists of a 5" thick slab and 8" thick pit walls. The walls have footings that are 9" thick and 2'-0" wide. Columns within the pit are 14" in diameter, 9'-2" tall and supported by 40"x40" 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 pump-out pit is 6'0" x 6'-0" with 8" thick walls. Footings around the pump-out pit walls measure 1'-6" by 9 inches thick. The recessed sump area is 3'-10"x 5'-4" x 11" deep.

Building 4 (P2) has six concrete composting bins that consist of a 5" thick slab and 8" thick walls. The walls have footings that are 10" thick and 3'-0" wide. The composting facility is covered by a gable style roof structure (P5) that consists of wood trusses and columns anchored to the top of the concrete walls.

The facilities protect the 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.



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

TEL 309-693-7615
FAX 309-693-7616

PROJECT: Pete Christensen
PROJECT NO.: 23811027.01
BY: CSK DATE: 12/10/2015

LETTER OF TRANSMITTAL

TO: Illinois EPA
Division of Water Pollution Control
1021 North Grand Avenue East
Springfield, IL 62702

SUBJECT: Property Tax
Treatment

ATTENTION: Al Keller, Permit Section

TRANSMITTING: Herewith
 Under Separate Cover

BY: Messenger
Mail
UPS

ENCLOSED: Prints
 Specifications
 Shop Drawings
 Copies
 Other

FOR: Approval
Your Files
Your Signature
Distribution
Per Your Request

RECEIVED
DEC 11 2015

EPA
DIVISION OF WATER POLLUTION CONTROL
PERMIT SECTION

COPIES:	DESCRIPTION:
1	Application for Certification (Property Tax Treatment) Pollution Control Facility

REMARKS: AI,

Enclosed is the above listed application for Christensen Swine.

If you have any questions, please call.

cc: Peter Christensen, MSI File

FROM: Jason E. Olmstead
Jason E. Olmstead, P.E.
Agricultural Services Engineer

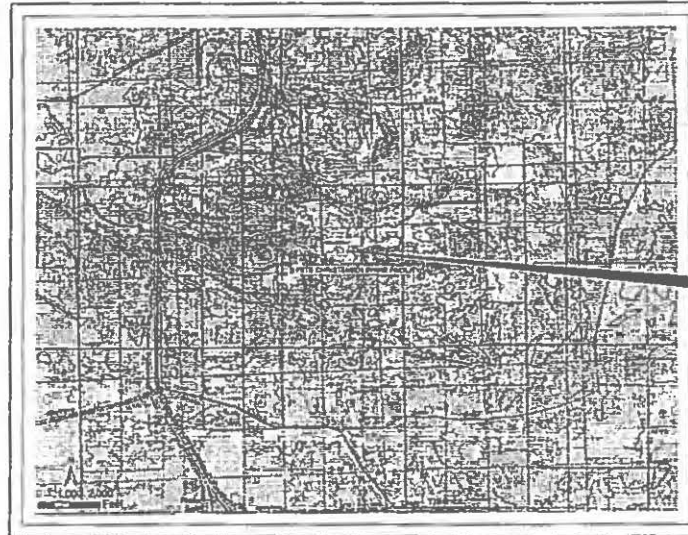
CONSTRUCTION PLANS FOR PETE CHRISTENSEN

BUREAU COUNTY, ILLINOIS



INDEX TO SHEETS

SHEET NO.	DESCRIPTION
	COVER SHEET
C1	FARMSTEAD PLAN
C2	SITE LAYOUT PLAN
S1	CONCRETE PLAN
S2	PIT SECTIONS
S3	WALL SECTIONS
S4	COLUMN AND MISC. DETAILS
S5	PUMP-OUT DETAILS
S6	TYPICAL CONCRETE DETAILS
S7	PRECAST FLOOR MEMBERS HOG SLAT, INC.



BUREAU COUNTY

PROJECT SITE



Bryan A. Swanson
BRYAN A. SWANSON, P.E. SE
PE NO. 081-006716
EXP. DATE 11/30/2012



Terry L. Feldmann
TERRY L. FELDMANN, PE
PE NO. 0022-052169
EXP. DATE 11/30/2013



800.892.0123

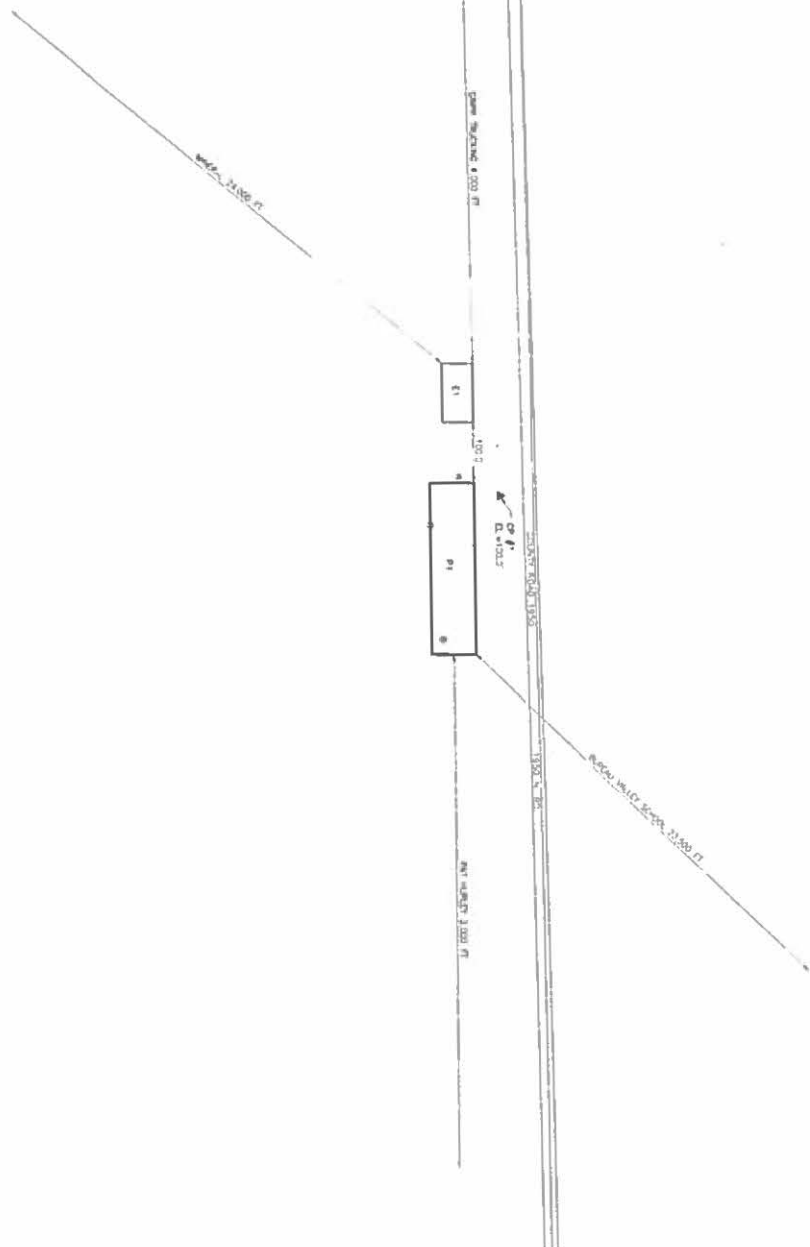
SE 1/4, SEC 26
T. 17N., R. 6E., 4TH P.M.
BUREAU COUNTY

PLANS PREPARED BY:



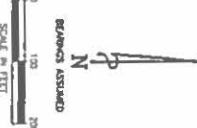
MSI PROJECT NO. 23811027.02

S:\23811027\2011 project numbers\23811027.02 (Pete Christensen)\Drawings\CD COVGR Civil.dwg



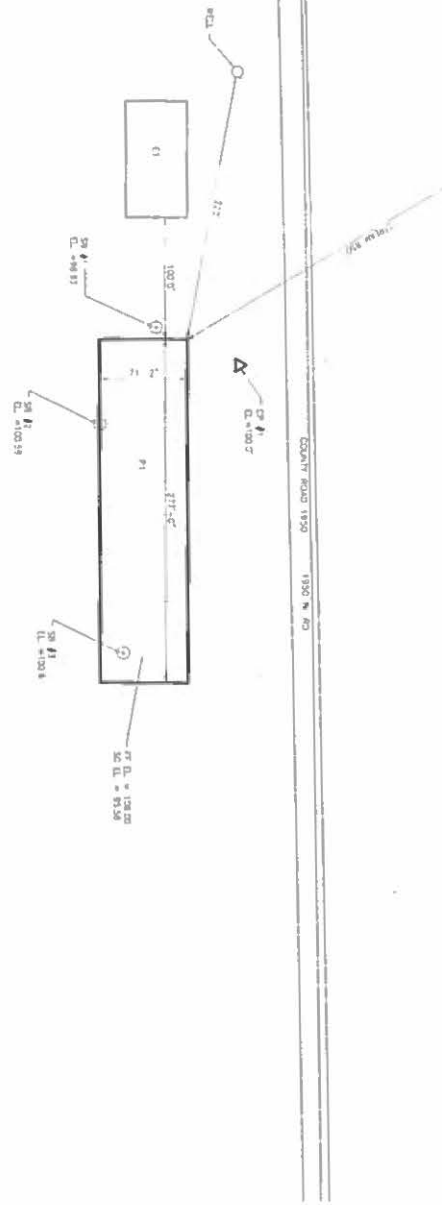
- LEGEND
- ▲ TYPICAL CONTROL POINTS
 - ⊙ SOIL BOUNDARY

LIVING BARN SETBACK	
10'	10'
15'	15'
20'	20'
25'	25'
30'	30'
35'	35'
40'	40'
45'	45'
50'	50'
55'	55'
60'	60'
65'	65'
70'	70'
75'	75'
80'	80'
85'	85'
90'	90'
95'	95'
100'	100'



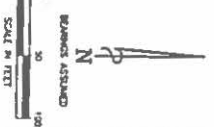
SCALE VALID ONLY ON 27"x34" SIZE PLANS

<p>PETE CHRISTENSEN</p>	<p>FARMSTEAD PLAN</p> <p>SWINE FINISH @ BARN</p>	
<p>C1</p>		



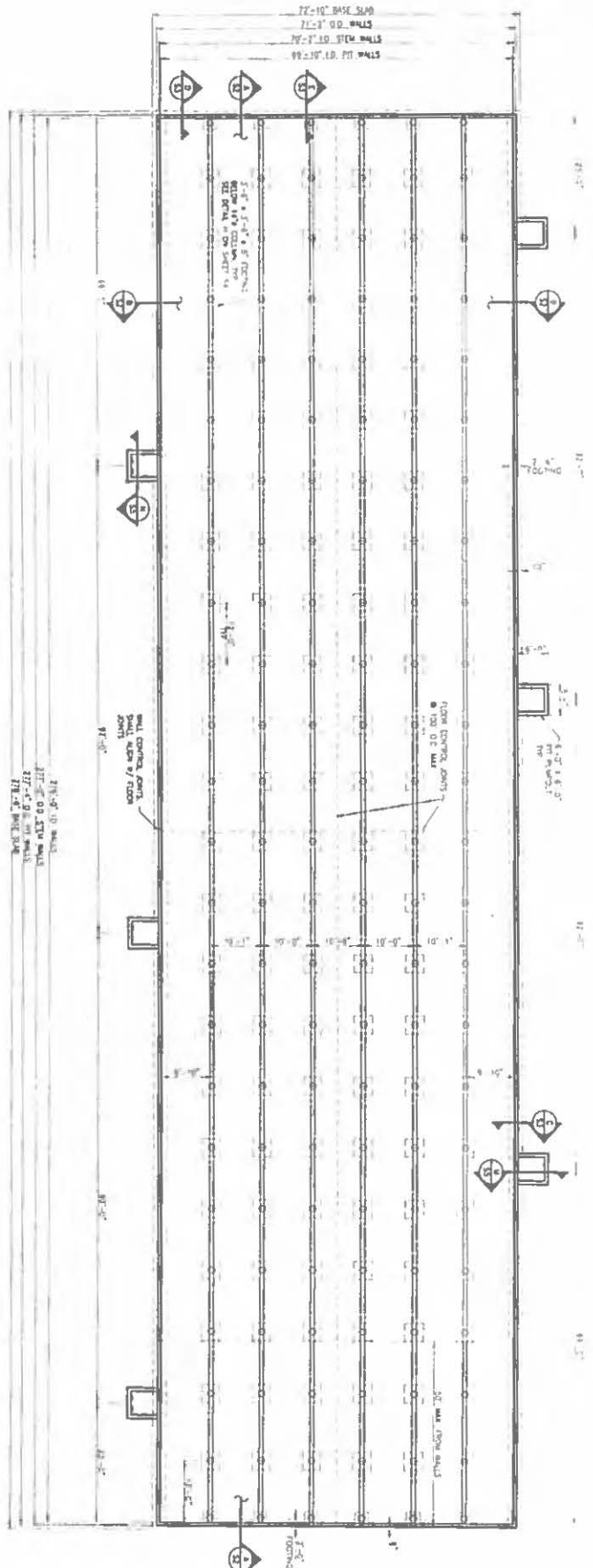
SURVEY CONTROL POINTS			
NO.	DESCRIPTION	ELEVATION	DATE
1	TEMPORARY CONTROL POINT	100.59	10/10/12
2	TEMPORARY CONTROL POINT	100.58	10/10/12
3	TEMPORARY CONTROL POINT	100.57	10/10/12

- LEGEND
- ▲ TEMPORARY CONTROL POINTS
 - SOL. BENCHMARK



SCALE VALID ONLY ON
22" x 34" SIZE PLANS

<p>PETE CHRISTENSEN</p>	<p>SITE LAYOUT PLAN</p> <p>SWINE FINISHER BARN</p>	<p>MAURER-STUTZ ENGINEERS SURVEYORS</p> <p>1000 W. 10th Street, Suite 100, Lincoln, NE 68502 402.441.1111</p>
<p>C2</p>		<p>DATE: 10/10/12</p>



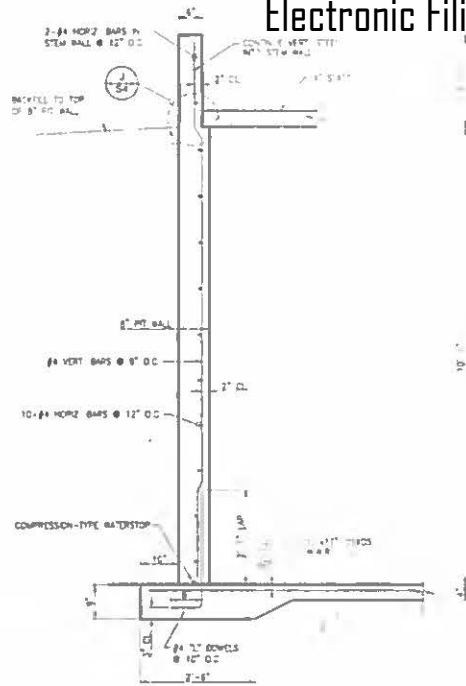
CONCRETE PLAN - PIT
SCALE 3/32" = 1'-0"

- GENERAL NOTES:**
1. ALLOWABLE SOIL BEARING PRESSURE = 2,000 PSF (ACFT COLLARS)
 2. USE 28-DAY CONCRETE COMPRESSIVE STRENGTH (F_{CD}) = 4,000 PSI.
 3. REINFORCEMENT BARS - #3 @ 40,000 PSI (GRADE 60)
 4. FLOOR LIFT (SLAB) = 5'-3" PER (PREPARED FCS)
 5. EOOD SLABS (2ND) = 25 PSI
 6. SOIL UPTAKE MESSAGE (TYPICAL FLOOD MESSAGE) = 40 PSI/FT.
 7. SOIL UPTAKE MESSAGE = 110 PSI
 8. FLOOD MESSAGE = 67 PSI
 9. SUBGRADE MESSAGE ACTION = 03 (SAND)
 10. MESSAGE MANUFACTURER: HOBAS, INC.
 11. MESSAGE LOCATION: BAYVIEW CO., ALABAMA

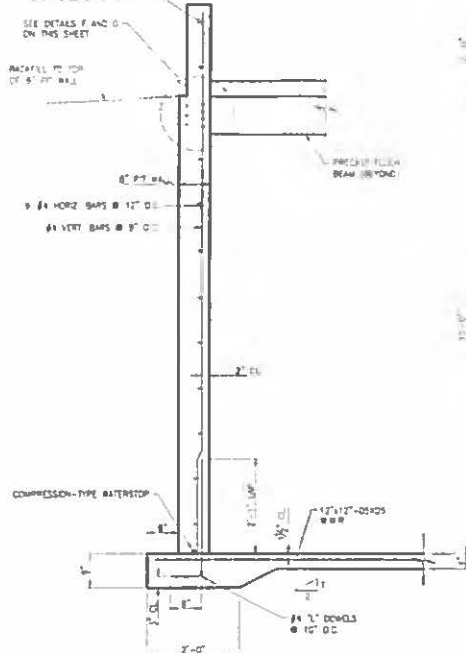
- GENERAL NOTES:**
1. THE BASE SLAB AND TIE-INS ARE NOT DESIGNED FOR RESISTING THE TOP OF THE BASE SLAB.
 2. CONTROL OR CONSTRUCTION JOINTS SHALL BE LOCATED A MINIMUM 6" FROM COLUMN FOOTINGS AND 3'-0" FROM PLUMBING FIXTURES AND OTHER VERTICAL OBSTACLES AND LOCATIONS OF DOORS FROM THE CONSTRUCTION.
 3. THE CONTRACTOR SHALL INSURE THE SAFETY OF THE WORKERS AND THE PUBLIC BY PROVIDING PROTECTIVE MEASURES AND SIGNAGE AT ALL TIMES DURING CONSTRUCTION.
 4. THE CONTRACTOR SHALL MAINTAIN THE MESSAGE AND MESSAGE MANUFACTURER'S RECOMMENDATIONS.
 5. NO CONCRETE, REINFORCEMENT, OR MESSAGE SHALL BE PLACED BELOW THE MESSAGE MANUFACTURER'S RECOMMENDATIONS.
 6. SEE CIVIL DRAWINGS SHEETS C1 OR C2 FOR TOP OF SLAB ELEVATIONS.

SCALE VARIOUS ONLY ON 27'-1 1/2" SITE PLANS

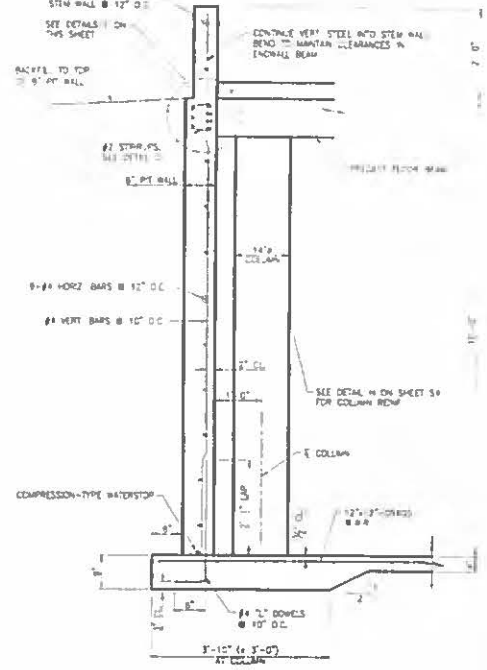
<p>MAURER-STUTZ ENGINEERS SURVEYORS</p> <p>2775 N. 10TH AVE. SUITE 100 DENVER, CO 80202 TEL: 303.733.1111 FAX: 303.733.1112 WWW.MAURER-STUTZ.COM</p>	<p>CONCRETE PLAN</p> <p>SWINE FINISHER BARN</p>	<p>DATE: 09/22/2016</p> <p>PROJECT: SWINE FINISHER BARN</p> <p>SCALE: 3/32" = 1'-0"</p>
	<p>PETE CHRISTENSEN</p>	<p>DESIGNED BY: [Signature]</p> <p>CHECKED BY: [Signature]</p> <p>DATE: 09/22/2016</p>



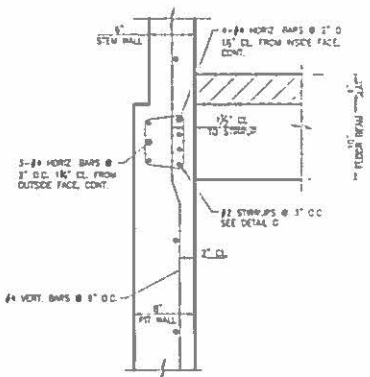
**SECTION C
SIDEWALL**
SCALE: 3/4" = 1'-0"



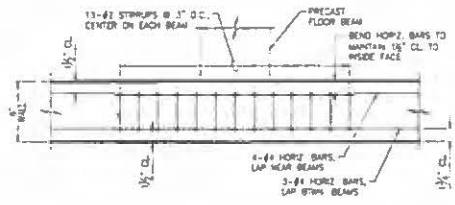
**SECTION D
ENDWALL**
SCALE: 3/4" = 1'-0"



**SECTION E
ENDWALL AT COLUMN**
SCALE: 3/4" = 1'-0"



**DETAIL F
ENDWALL BEAM**
SCALE: 1/2" = 1'-0"



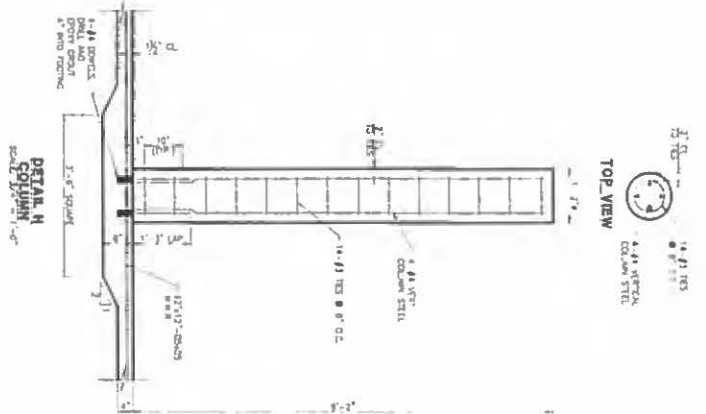
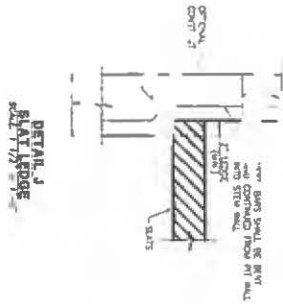
**DETAIL G
ENDWALL BEAM**
SCALE: 1/2" = 1'-0"

SAFETY NOTES:

1. TANK MUST BE BACKFILLED TO WITHIN TWO FEET OF TOP OF PIT WALLS PRIOR TO PUTTING LOAD IN THE TANK. SET PRECAST SLATS AND BEAMS AND DROPT ALL NECESSARY CURBS PRIOR TO BACKFILLING.
2. DO NOT VARY DEPTH OF BACKFILL MORE THAN 6" FROM SPECIFIED DEPTH.
3. DO NOT ALLOW HEAVY EQUIPMENT WITHIN 5' OF PIT WALLS EXCEPT AT PUMP/OUT.
4. REFER TO WRITTEN SPECIFICATIONS FOR SOIL COMPACTION DENSITY.
5. SEE SHEET S4 FOR CORNER BAR AND LAP SPLICE DETAILS.

SCALE VALID ONLY ON 22"x34" SIZE PLANS

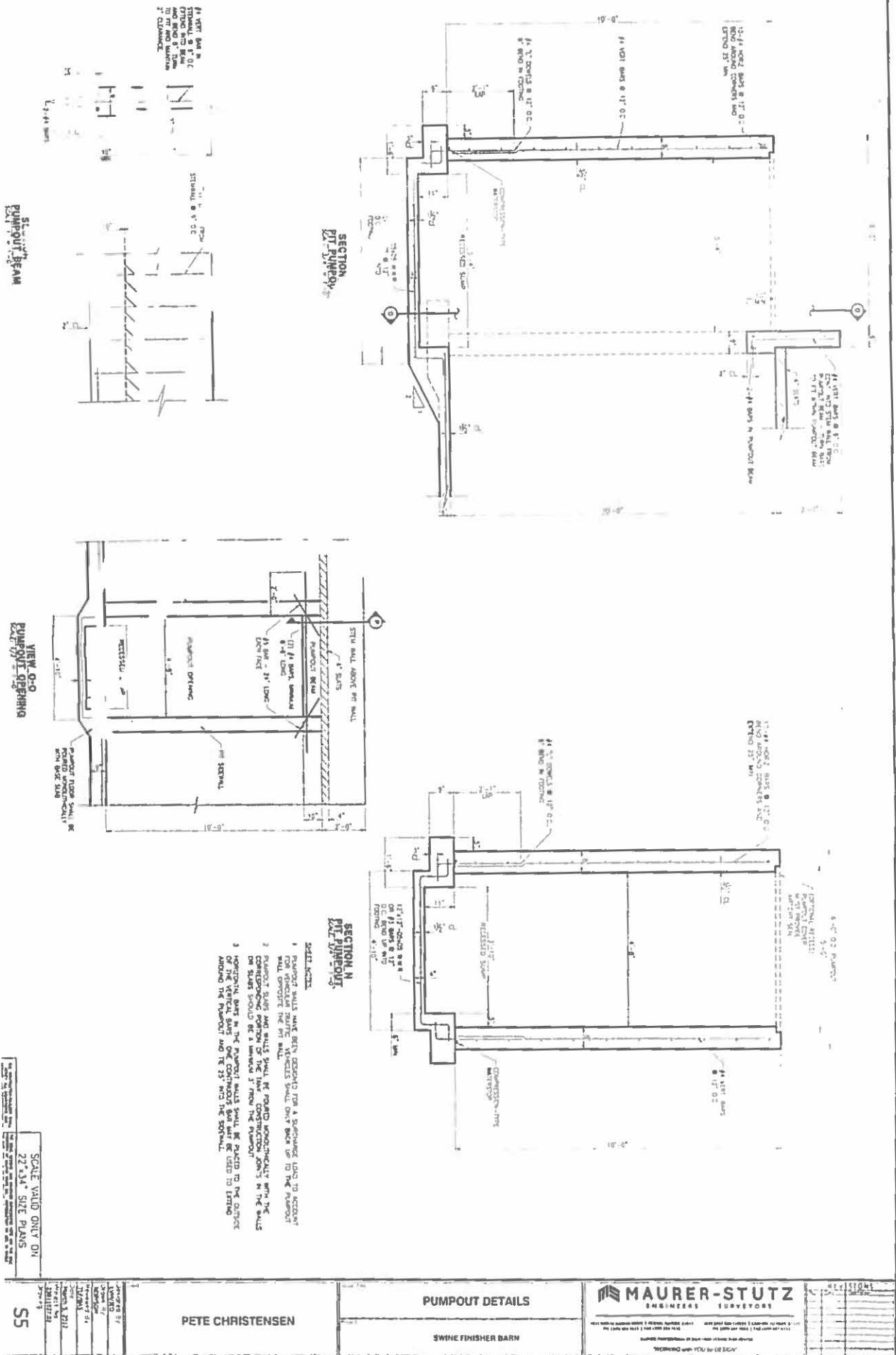
<p>MAURER-STUTZ ENGINEERS</p> <p>1000 West 10th Street, Suite 100 Anchorage, Alaska 99501 Phone: (907) 562-1111 Fax: (907) 562-1112 www.mstutz.com</p>
<p>WALL SECTIONS</p> <p>SWINE FINISHER BATH</p>
<p>PETE CHRISTENSEN</p>
<p>Designed by: LMW</p> <p>Checked by: MDM</p> <p>Approved by: PLG</p> <p>Date: March 5, 2012</p> <p>Project No: 23115977.02</p>
<p>S3</p>

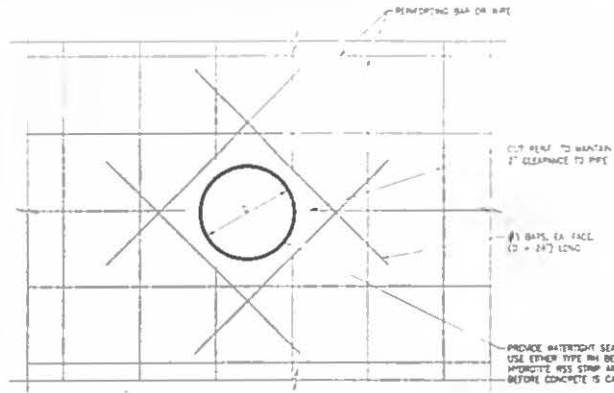


- NOTE:**
- SEE SPECIFICATIONS FOR FOOT CREST MATERIAL AND INSTALLATION
 - THE SCHEDULE, WORKING, OR DIMENSION OF THE CONCRETE AT THE SLAT LEDGE SHALL BE AS SHOWN TO MAINTAIN A FULL 1/2" SIDE BEARING EDGE FOR THE SLATS

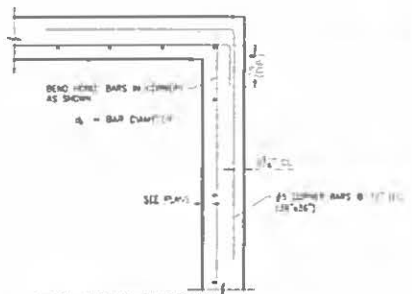
SCALE VALID ONLY ON 27x34" SIZE PLANS

<p>S4</p>	<p>PETE CHRISTENSEN</p>	<p>MAURER-STUTZ ENGINEERS SURVEYORS</p>	<p>REVISIONS</p>
	<p>COLUMN AND MISC. DETAILS</p>	<p>SWINE FINISHER BARN</p>	<p>NO. 1</p>

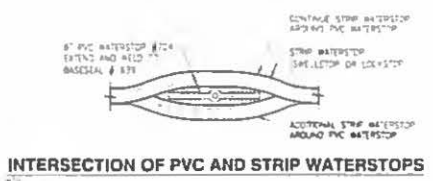




TYP. PENETRATION DETAIL
N.T.S.



TYP. CORNER DETAIL
N.T.S.



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

SLAB DIMENSIONS		
T	A	B
4'	15'	2'
5'	15'	2'
6'	2'	25'

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

HOOK NOTES:

- INSTALL VERTICAL CONSTRUCTION/CONTROL JOINTS IN WALLS OR CURBS TO MATCH SLAB CONSTRUCTION OR CONTROL JOINTS. SEE CONCRETE PLAN FOR JOINT SPACING.
- INTERSECT AND SEAL "WELD" WATERSTOPS PER MANUFACTURER BETWEEN WALLS AND SLABS TO PROVIDE A CONTINUOUS WATERPROOF SEAL AROUND THE TANK. DO NOT EXTEND CEMENT THROUGH CONTROL JOINTS UNLESS DETAILED OTHERWISE.
- INSTALL ALL WATERSTOPS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- A PLASTIC SLEEVE MAY BE USED AS AN ALTERNATIVE TO USING A GREASED SMOOTH DOWEL (e.g. GREENSTREAM SPEED DOWEL).
- REINFC SHALL BE TIED W/ WIRE AT INTERSECTING POINTS WITH OTHER BARS AS NECESSARY TO SECURE AGAINST DISPLACEMENT.

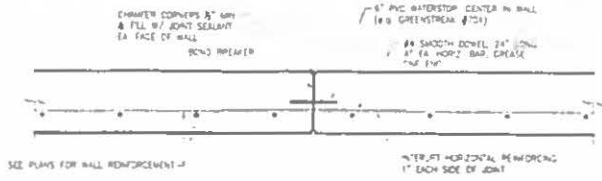
STEEL SHALL BE CONNECTED TO FORM AN EQUAL POTENTIAL PLANE PER AEC REQUIREMENTS. USE EMBEDDED CONDUITS ACROSS JOINTS WHERE STEEL IS INTERRUPTED.

- SPICES IN WALLS AND SLABS SHALL BE STAGGERED A MINIMUM 75% AT ANY ONE LEVEL.
- WIRE TIES SHALL BE USED EVERY 12" ALONG A LAP SPICE.
- LAP SPICE LENGTHS SHALL BE AS FOLLOWS (UNLESS OTHERWISE NOTED)

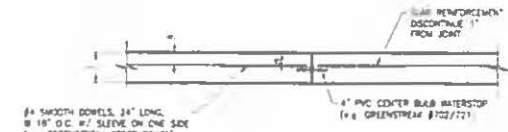
LAP SPICE LENGTH			
BAR SIZE	SLAB D	WALL-HORIZ	WALL-VERT
#3	15"	24"	18"
#4	18"	33"	25"
#5	24"	41"	31"
#6	28"	48"	37"
#7	42"	71"	54"
#8	48"	81"	62"
#9	54"	91"	70"

STANDARD HOOK LENGTH	
BAR SIZE	LENGTH
#4	8"
#5	10"
#6	11-0"
#7	12-0"
#8	13-0"
#9	14-0"

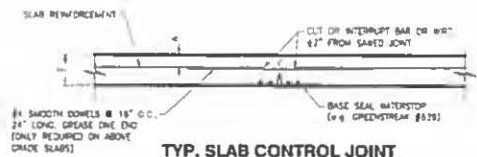
* 4000 psi CONCRETE
** WIRE SPACING = 2"



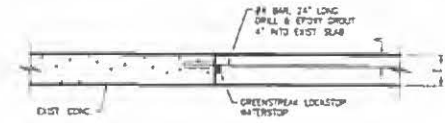
TYP. WALL CONSTRUCTION CONTROL JOINT
N.T.S.



TYP. SLAB CONSTRUCTION JOINT
N.T.S.



TYP. SLAB CONTROL JOINT
N.T.S.



TYP. CONSTRUCTION JOINT TO EXIST. SLAB
N.T.S.

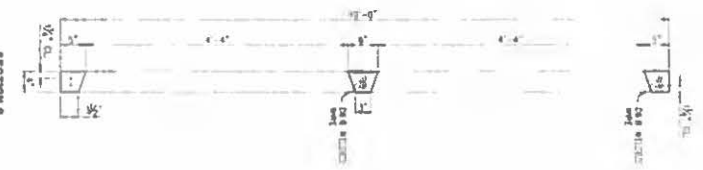
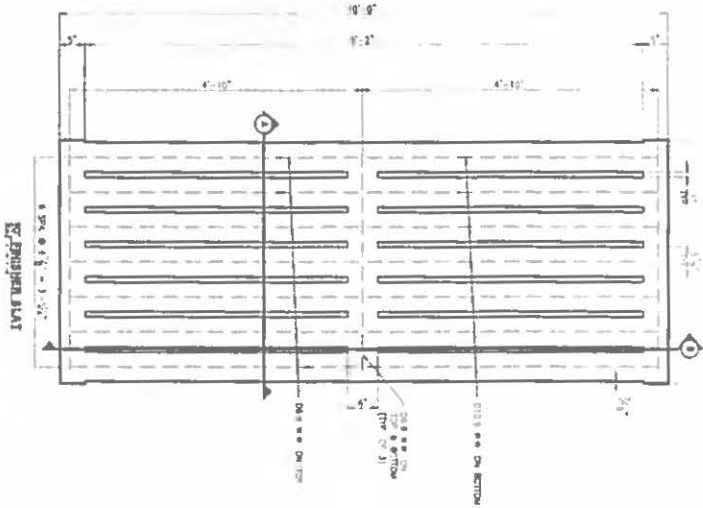
SCALE VALID ONLY ON 22"x34" SIZE PLANS

MAURER-STUTZ
 CONSTRUCTION
 1400 WEST 10TH AVENUE, SUITE 100
 DENVER, CO 80202
 TEL: 303.733.1111
 FAX: 303.733.1112
 WWW.MS-CO.COM

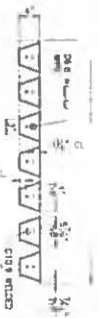
TYPICAL CONCRETE DETAILS
 SWIRE FINISHER DASH

PETE CHRISTENSEN

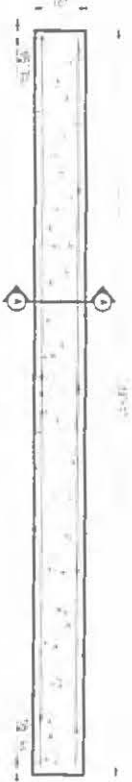
Drawn by: [blank]
 Checked by: [blank]
 Approved by: [blank]
 Date: [blank]
 Project No: [blank]
 Sheet No: [blank]



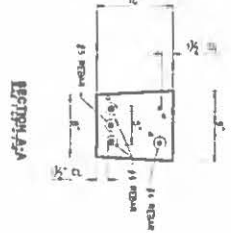
REINFORCEMENT
 CONCRETE STRENGTH $f_c = 4,000$ psi
 REINFORCEMENT $f_y = 60,000$ psi
 (ACI 318-11) (FORM 4417)
 DESIGN 1815 psi (CALCULATED)
 DEAD = 14.0 psf (APPROX. REBAR LOAD)
 LIVE = 11.0 psf (APPROX. FLOOR LOAD)
 WIND = 11.0 psf (WIND RESISTANCE LOAD)
 (ALLOWED FOR EXIST. STANDARD OF 171.3 FOR MS)
 * ALL REINFORCEMENT AT EACH END FOR FULL WIDTH OF SLAT
 ALL CONCRETE AND REBAR DETAILS SHALL CONFORM TO ACI 318
 MIN. AGGREGATE SIZE = #1



HOG SLAT W/ REBAR DETAIL ~ THE SECTION
 OF A PRECAST CONCRETE MEMBER IS THE SECTION
 THROUGH THE MEMBER PERPENDICULAR TO THE
 LONGITUDINAL AXIS OF THE MEMBER.
 CONCRETE OF THE MEMBER



REINFORCEMENT
 CONCRETE STRENGTH $f_c = 4,000$ psi
 REINFORCEMENT $f_y = 60,000$ psi
 (ACI 318-11) (FORM 4417)
 SUPERIMPOSED FACTORED LOAD = 14.0 psf
 (12' x DEAD + 18' x LIVE)
 * ALL REINFORCEMENT AT EACH END OF
 MEMBER FOR FULL WIDTH OF MEMBER
 ALL CONCRETE AND REBAR DETAILS SHALL
 CONFORM TO ACI 318



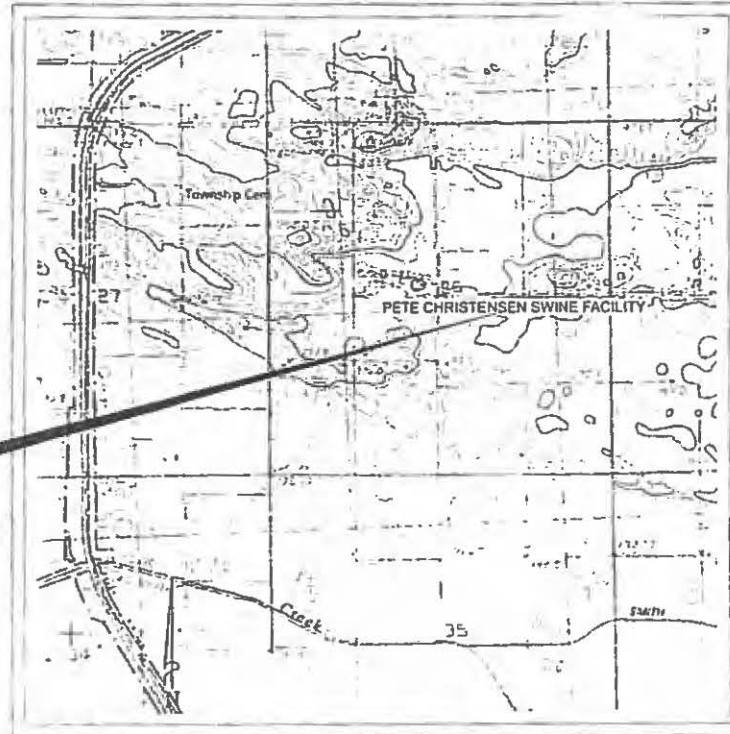
SCALE: VARIOUS ONLY ON
 22' x 34' SITE PLANS

DESIGNED BY CHECKED BY DATE PROJECT NO. SHEET NO. & TITLE DRAWN BY DATE	PETE CHRISTENSEN	PRECAST FLOOR MEMBERS HOG SLAT, INC. SWINE FINISHER BARN		REVISIONS NO. DATE DESCRIPTION
				57

CONSTRUCTION PLANS FOR PETE CHRISTENSEN SWINE FACILITY IMPROVEMENTS

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
	COVER SHEET
C101	FARMSTEAD PLAN
C102	SITE PLAN
C103	GRADING PLAN
C501	GENERAL NOTES AND CIVIL DETAILS
SW501	STORM WATER EROSION CONTROL DETAILS
SF100	CONCRETE PLAN
SF300	PIT SECTIONS
SF500	WALL, COLUMN AND MISC. DETAILS
SF501	PUMPOUT DETAILS
SF705	PRECAST FLOOR MEMBERS
SC100	COMPOSTER CONCRETE PLAN
SC300	COMPOSTER SECTIONS
SC500	COMPOSTER WALL SECTIONS
S700	TYPICAL CONCRETE DETAILS
COMPOSTER ROOF DRAWINGS	
S0	TITLE PAGE
S1	POST PLAN VIEW
S2	TRUSS PLACEMENT PLAN VIEW
S3	TRUSS BRACING PLAN VIEW
S4	BUILDING CROSS SECTION
S5	DETAILS
S6	BUILDING ELEVATION



PROJECT LOCATION



Bryan Swanson
 BRYAN A. SWANSON, P.E. SE
 SE NO. 081-008716
 EXP. DATE 11/30/2018
 SHEETS COVERED BY THIS SEAL:
 SF100-SF705, SC100-SC500, S700

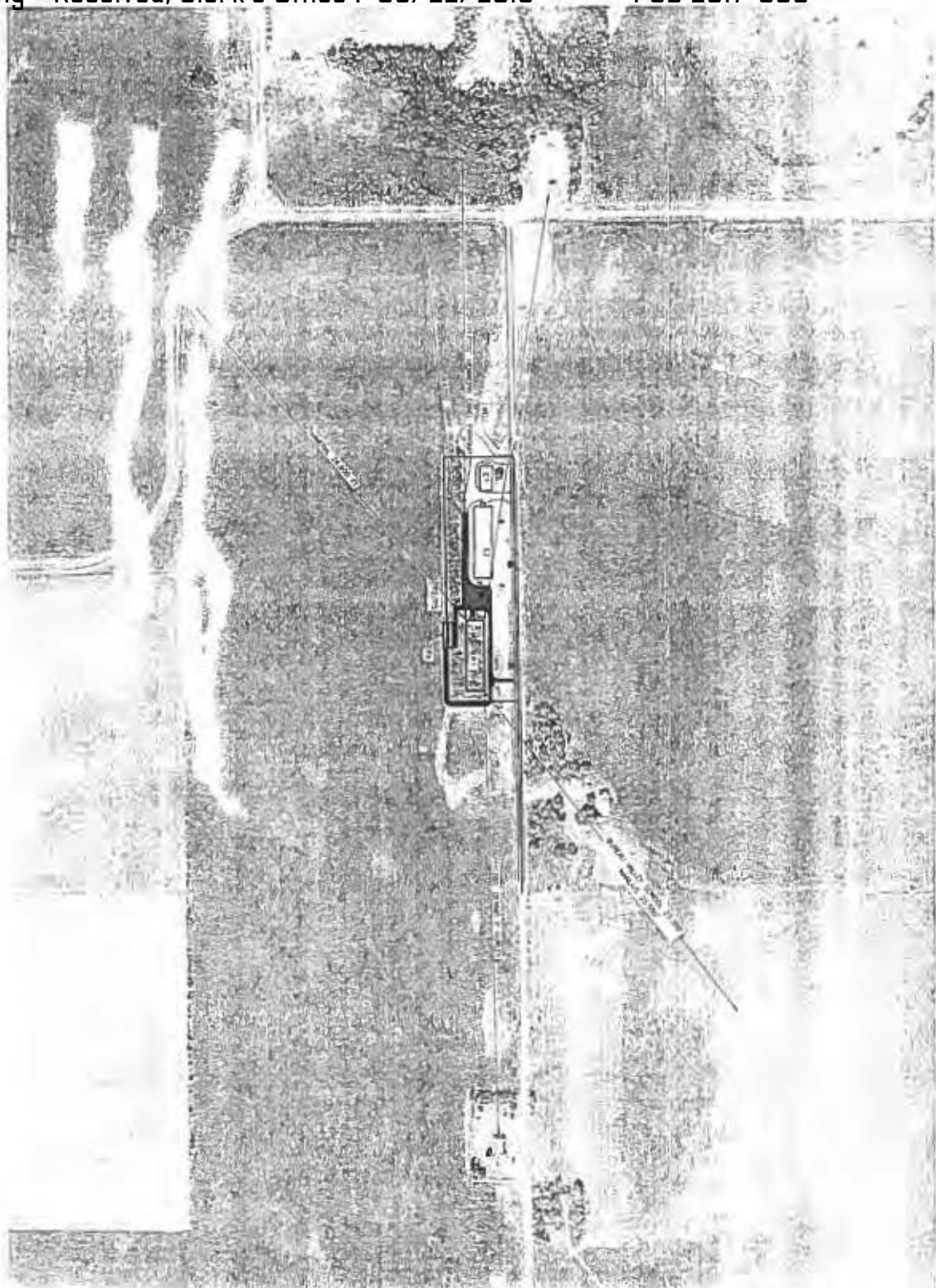


"TO THE BEST OF MY PROFESSIONAL KNOWLEDGE,
 JUDGMENT, AND BELIEF, THE DESIGN,
 CONSTRUCTION REQUIREMENTS AND SPECIFICATIONS
 MEET APPLICABLE CODES AND STANDARDS."
Jason Clanstead
 JASON E. CLANSTEAD, P.E.
 PE No. 082-082795
 EXP. DATE 11/30/2018
 SHEETS COVERED BY THIS SEAL:
 C101-C501, SW501
 SF100-SF705, SC100-SC500, S700
 S0-S6

PLANS PREPARED BY:



N 1/2, SW 1/4, SEC 26
 T 12N, R 6E, 4RD PM
 BUREAU COUNTY, IL

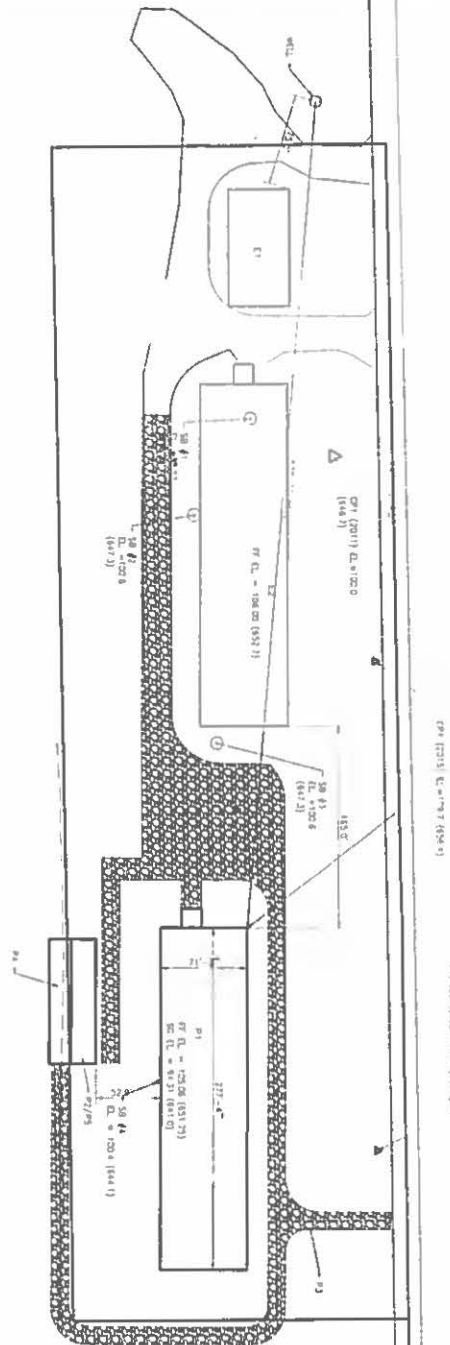


STATE OF WISCONSIN
 DEPARTMENT OF REVENUE
 TAXPAYER IDENTIFICATION NUMBER: 1234567890



NO.	DESCRIPTION	AMOUNT
1
2
3
4
5
6
7
8
9
10

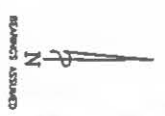
NO.	DESCRIPTION	AMOUNT
1
2
3
4
5
6
7
8
9
10



EXISTING FACILITY DETAILS	
PT1	FACILITY DESCRIPTION
PT2	50' x 100' x 10' PAVEMENT
PT3	10' x 10' x 10' PAVEMENT

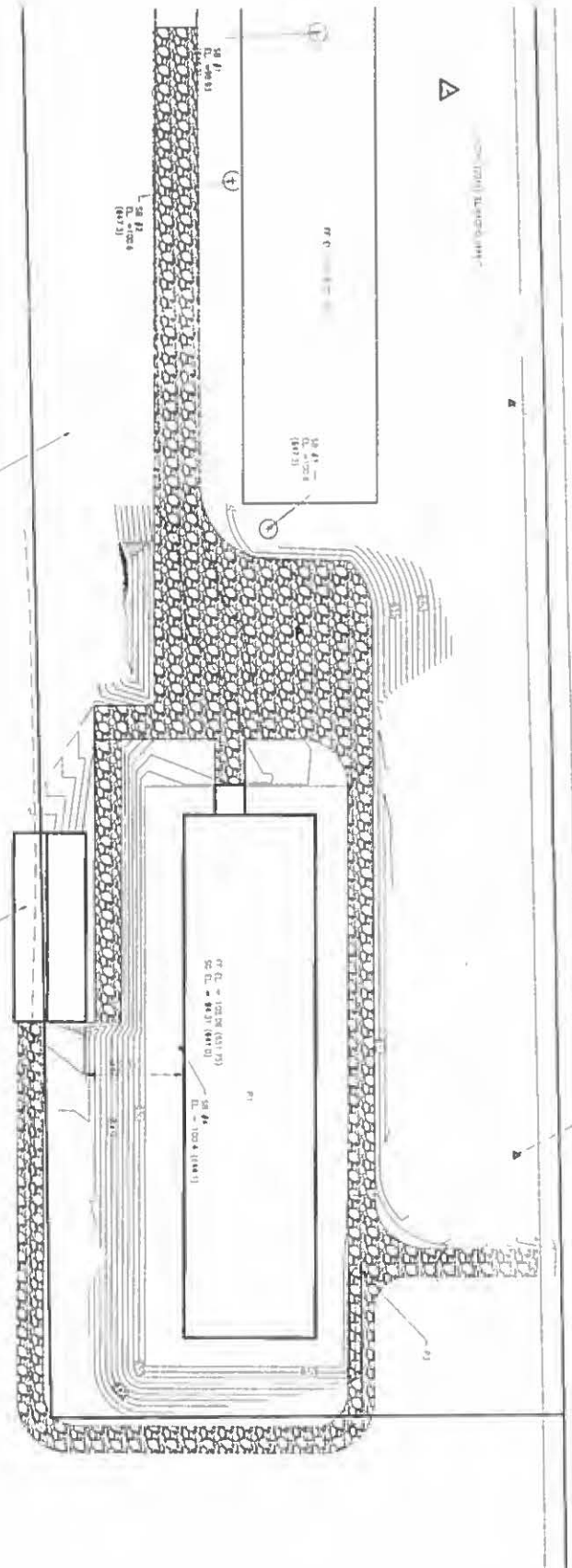
PROPOSED FACILITY DETAILS	
PT4	FACILITY DESCRIPTION
PT5	50' x 100' x 10' PAVEMENT
PT6	10' x 10' x 10' PAVEMENT
PT7	40' x 10' x 10' PAVEMENT
PT8	10' x 10' x 10' PAVEMENT

△ EXISTING
 ▽ PROPOSED



SCALE VALID ONLY ON
 22"x34" SIZE PLANS

PETE CHRISTENSEN PROJECT MANAGER	MAURER-STUTZ ENGINEERS ARCHITECTS	SITE LAYOUT PLAN SWINE FACILITY IMPROVEMENTS
C102	09/22/2016	10:00 AM



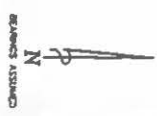
SURVEY 1 - PROBABLY CONTROL POINT

ID	DESCRIPTION	ELEVATION	INSTRUMENT
38.0	N. 1000A (2011)	648.67	100.20
38.1	N. 1000B (2011)	129.72	100.20
38.2	PROB. BENCH MARK (2011)	627.78	100.20
38.3	PROB. BENCH MARK (2011)	627.54	100.20

WADSWORTH = 348.88
 CONTROL POINT NOT FOUND
 N. DRIVE = 1402.18 (2011)
 N. DRIVE = 1402.18 (2011)

PCD NORTH ST PT 34
 PCD ROCK ST PT 34

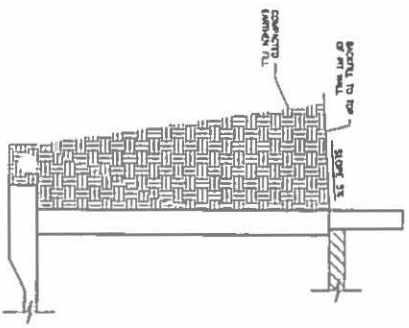
EXISTING DRAINAGE CONDUIT
 EXISTING DRAINAGE CONTROL
 PROPOSED CONTROL POINTS



SCALE VALID ONLY ON
 27"x36" SIZE PLANS

C103 MAURER-STUTZ ENGINEERS SURVEYORS 1015 10TH AVENUE S.W. / SUITE 1000 / SEASIDE, WA 98148 TEL: (206) 465-1111 / FAX: (206) 465-1112 WWW.MS-ENG.COM	TOPOGRAPHIC PLAN SWINE FACILITY IMPROVEMENTS	MAURER-STUTZ ENGINEERS SURVEYORS
	PETE CHRISTENSEN	27"x36" SIZE PLANS

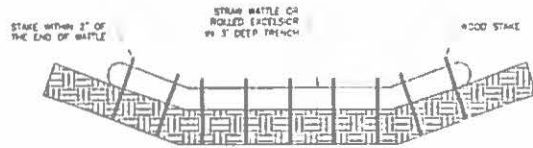
- CONCRETE**
1. THE CONCRETE SHALL BE DESIGNED FOR REINFORCING BARS PERFORM PER CONSTRUCTION SPECIFICATIONS AS A MINIMUM PROVIDED BY THE CITY OF DENVER.
 2. CONCRETE SHALL COMPLY WITH ALL CITY, STATE AND FEDERAL REQUIREMENTS AND STANDARDS FOR ALL CONCRETE.
 3. CONCRETE SHALL BE PLACED IN THE FIELD AND BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD.
 4. CONCRETE SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD AND SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD.
 5. CONCRETE SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD AND SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD.
 6. CONCRETE SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD AND SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD.
 7. CONCRETE SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD AND SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD.
 8. CONCRETE SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD AND SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD.
 9. CONCRETE SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD AND SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD.
 10. CONCRETE SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD AND SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD.
 11. CONCRETE SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD AND SHALL BE PLACED IN THE FIELD WITHIN THE SPECIFIED TIME PERIOD.



BRUNNEN

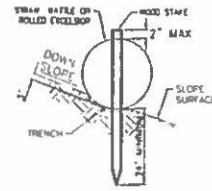
SCALE: VARIOUS ONLY ON 227-314 SIZE PLANS

<p>C501</p>	<p>PETE CHRISTENSEN</p>	<p>GENERAL NOTES AND CIVIL DETAILS</p>	<p>MAURER-STUTZ ENGINEERS SURVEYORS</p>	<p>12/15/2016</p>
		<p>SWINE FACILITY IMPROVEMENTS</p>		

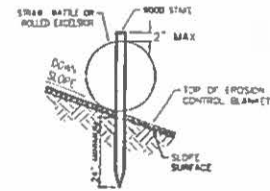


- NOTES
1. OVERLAP MINIMUM IS THE DIAMETER OF THE ROLL
 2. 4" SPACING FOR STRAW WATTLES
 3. 2" SPACING FOR ROLLED EXCELSIOR
 4. OR ACCORDING TO MANUFACTURERS SPECIFICATIONS

**STRAW WATTLE / ROLLED EXCELSIOR
DITCH CHECK ELEVATION VIEW**
NOT TO SCALE



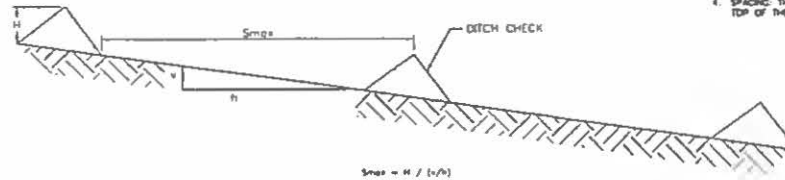
**STRAW WATTLE / ROLLED EXCELSIOR
ANCHOR DETAIL - BARE SOIL**
NOT TO SCALE



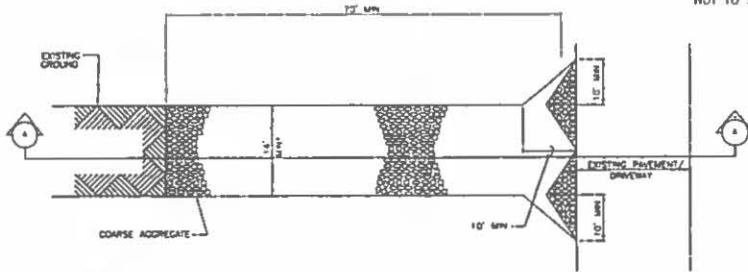
**STRAW WATTLE / ROLLED EXCELSIOR
ANCHOR DETAIL - W/ BLANKET**
NOT TO SCALE

- NOTES
1. ENDS OF WATTLES OR ROLLED EXCELSIOR SHALL BE TURNED AT LEAST 6" UPSLOPE.
 2. RECOMMEND STAKES ARE 1 1/8" WIDE & 1 1/8" THICK & 30" LONG.
 3. STAKES SHALL NOT EXTEND ABOVE STRAW WATTLE MORE THAN 2".
 4. SPACING THE TOP OF THE UPSTREAM DITCH CHECK SHALL CREATE THE A HORIZONTAL LINE WITH THE TOP OF THE DOWNSTREAM DITCH CHECK.

SILT FENCE DITCH CHECK	
% SLOPE	MAX SPACING, FT
6	30
5	40
4	50
3	65
2	100
1	200
0.5	200

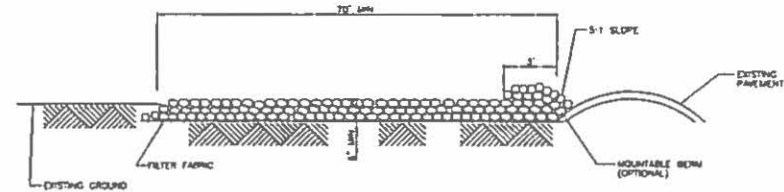


DITCH CHECK SPACING DETAIL
NOT TO SCALE



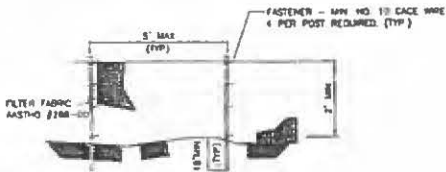
* MUST EXTEND FULL WIDTH OF INGRESS AND EGRESS OPERATION

STABILIZED CONSTRUCTION ENTRANCE DETAIL (PLAN VIEW)
NOT TO SCALE

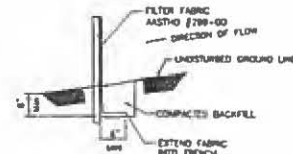


STABILIZED CONSTRUCTION ENTRANCE DETAIL (SECTION A-A)
NOT TO SCALE

SILT FENCE	
% SLOPE	MAX SPACING, FT
25	50
20	75
15	125
10	175
5	250



SILT FENCE ELEVATION VIEW
NOT TO SCALE



SILT FENCE ANCHOR DETAIL
NOT TO SCALE

- NOTES
1. TEMPORARY SEDIMENT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
 2. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 582 GEOTEXTILE TABLE 1 OR 2 CLASS WITH EQUIVALENT OPENING SIZE OF AT LEAST 30 FOR NONWOVEN AND 30 FOR WOVEN.
 3. FENCE POSTS SHALL BE EITHER STANDARD STEEL POST OR WOOD POST WITH A MINIMUM CROSS-SECTIONAL AREA OF 3.2 SQ. IN.

SCALE VALID ONLY ON
22"x34" SIZE PLANS

SEE SUPPLEMENTAL SHEETS FOR ADDITIONAL DETAILS AND NOTES. SEE SHEET SW501 FOR ADDITIONAL DETAILS AND NOTES. SEE SHEET SW501 FOR ADDITIONAL DETAILS AND NOTES.

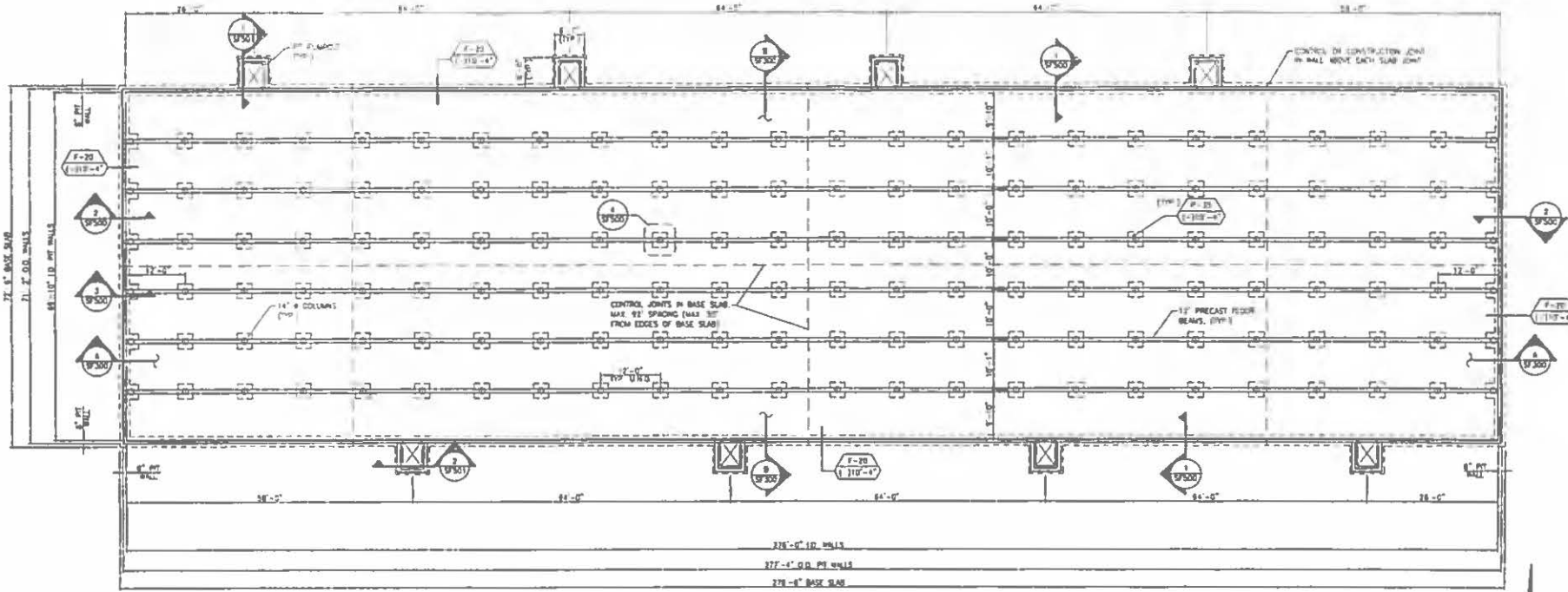
MAURER-STUTZ
ENGINEERS
SURVEYORS
1000 WEST 10TH AVENUE
DENVER, CO 80202
TEL: 303.733.1100
WWW.MAURER-STUTZ.COM

STORMWATER EROSION CONTROL DETAILS
SWINE FACILITY IMPROVEMENTS

PETE CHRISTENSEN

NO
NO
NO
NO
NO

SW501



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

DESIGN CRITERIA

1. CONCRETE: $f_c = 4,000$ psi
2. REINFORCEMENT: $f_y = 60,000$ psi
3. ALLOWABLE SOIL BEARING PRESSURE = 1500 psf (NET), COLUMNS = 1700 psf (NET), WALLS
4. FLOOR DEAD LOAD = 38.0 psf (SLABS)
5. FLOOR LIVE LOAD = 57.5 psf (FINISHER PGCS)
6. ROOF SNOW LOAD = 20 psf
7. LATERAL SOIL PRESSURE = 40 psf/ft
8. SUBGRADE FRICTION FACTOR = 0.9 (SAND)
9. LOCATION: BUREAU (E), ILLINOIS

GENERAL 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 - GREENSTREAK SHELLESTOP OR EQUAL
 - BASE SEAL WATERSTOP - GREENSTREAK #639 OR EQUAL
 - PVC WATERSTOP - GREENSTREAK #702, #704, 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 S302. DO NOT LOCATE JOINTS WITHIN 6" OF A COLUMN FOOTING OR WITHIN 3'-0" FROM A PUMPOUT.
5. WALL JOINTS IN THE ENDWALL SHALL BE CONSTRUCTION JOINTS WITH ALL HORIZONTAL BARS CONTINUOUS OR LAP SPLICED ACROSS THE JOINT.
6. SEE SHEET S302 FOR BASE SLAB THICKNESS AND REINFORCEMENT
7. FOOTINGS SHALL BE CENTERED ON THE RESPECTIVE WALL OR COLUMN UNLESS SHOWN OTHERWISE.
8. TOP OF FOOTING ELEVATIONS SHOWN RELATIVE TO FINISH FLOOR ELEVATION (FIN. OF SLABS) = 0'-0". SEE CHG. SHEETS FOR FINISH FLOOR ELEVATION
9. OTHER THAN AT THE PIT PUMPOUTS, THE TANK WALLS ARE NOT DESIGNED FOR VEHICULAR SURCHARGE PRESSURE. DO NOT ALLOW VEHICLES OR HEAVY EQUIPMENT WITHIN 5' OF THE TANK WALLS EXCEPT AT THE PUMPOUTS.
10. NO CONDUITS (ELECTRICAL, FRESH WATER, ETC.) SHALL PENETRATE THE PIT WALLS BELOW THE SLABS.
11. TANK MUST BE BACKFILLED TO WITHIN TWO FEET OF TOP OF PIT WALLS PRIOR TO PUTTING LOADS IN THE TANK. SET PRECAST SLABS AND BEAMS AND GROUT ALL PENETRATING GAPS PRIOR TO BACKFILLING.
12. BACKFILL SHALL BE PLACED TO ELEVATION 1'-30"± DO NOT VARY DEPTH OF BACKFILL MORE THAN 6" FROM SPECIFIED DEPTH.
13. REFER TO WRITTEN SPECIFICATIONS FOR SOIL COMPACTION DENSITY

WALL FOOTING SCHEDULE					
MARK	WIDTH	DEPTH	LONG. REINF.	TRANS. REINF.	REMARKS
F-20	2'-0"	8'	-	-	

PAD FOOTING SCHEDULE						
MARK	WIDTH	LENGTH	DEPTH	LONG. REINF.	TRANS. REINF.	REMARKS
P-33	3'-6"	3'-6"	8"	-	-	

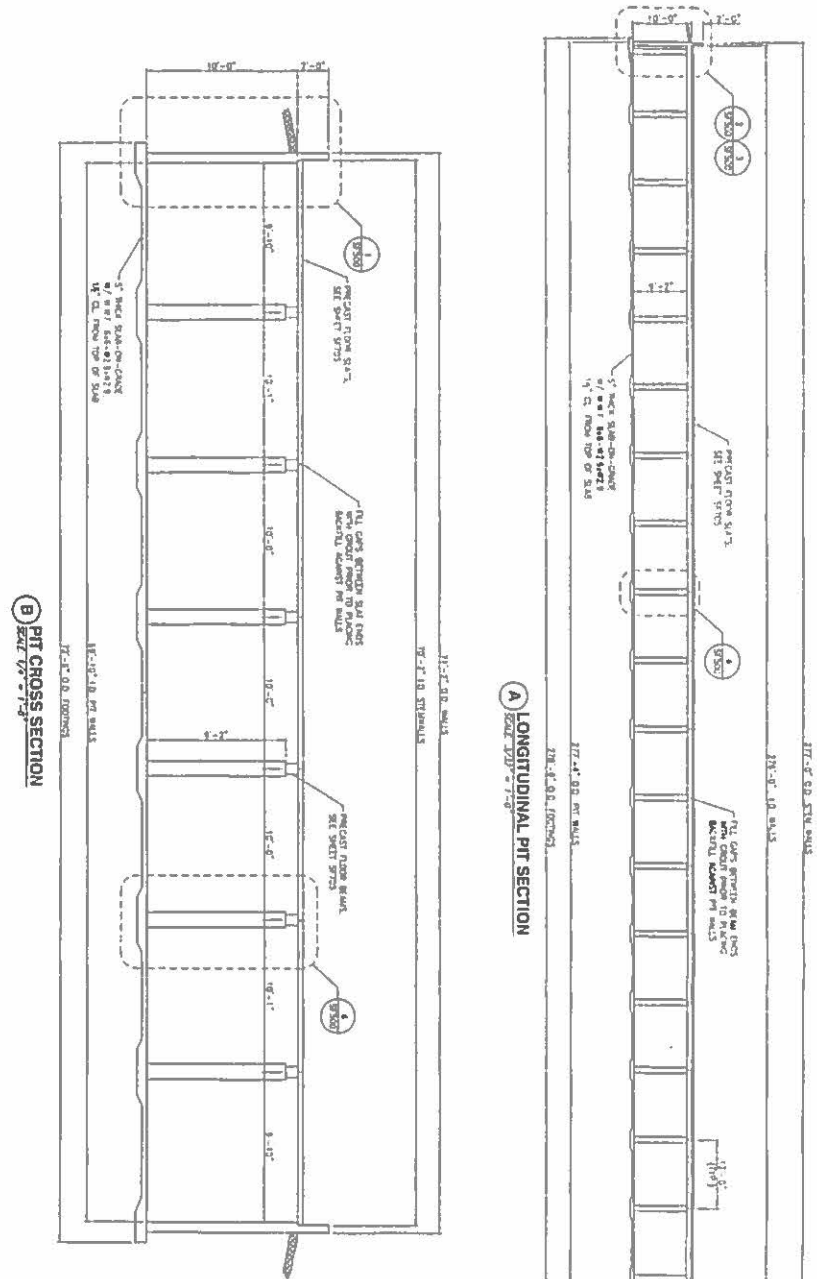
SCALE VALID ONLY ON 22"x34" SIZE PLANS

MAURER-STUTZ
 ENGINEERS ARCHITECTS
 1111 N. WASHINGTON ST., SUITE 100
 CHICAGO, ILLINOIS 60610
 TEL: (312) 467-1100 FAX: (312) 467-1101
 WWW.MAURER-STUTZ.COM

PIT PLAN VIEW
 FINISHER BARN
 SWINE FACILITY IMPROVEMENTS

PETE CHRISTENSEN

Drawn By: [Blank]
 Date: May 8, 2015
 Project No: 150102722
 Drawing: SF100



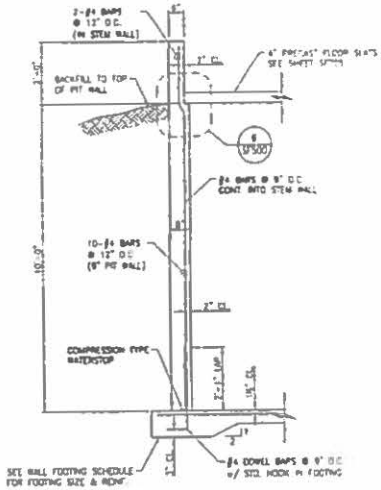
B PIT CROSS SECTION
SCALE 1/4" = 1'-0"

A LONGITUDINAL PIT SECTION
SCALE 1/4" = 1'-0"

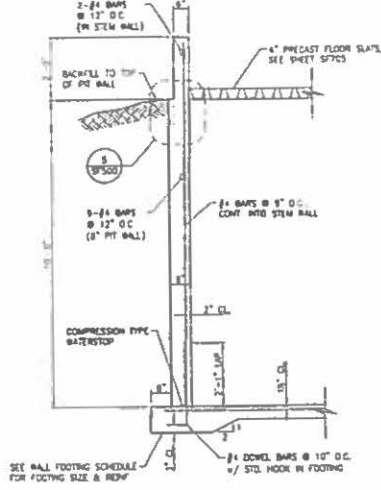
SECTION NOTES:
1. SEE SHEET SF100 FOR SLAB AND WALL CONNECTIONS

SCALE VALID ONLY ON
227.34' SIZE PLANS

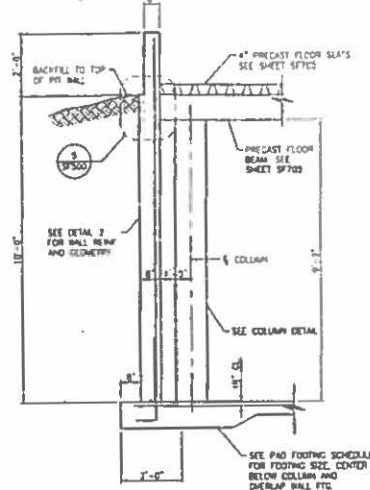
<p>SF300</p>	<p>PETE CHRISTENSEN</p>	<p>PIT SECTIONS FINISHER BARN</p>	<p>MAURER-STUTZ ENGINEERS SURVEYORS</p>
	<p>OWNER: SWINE FACILITY IMPROVEMENTS</p>	<p>DATE: 09/22/2016</p>	



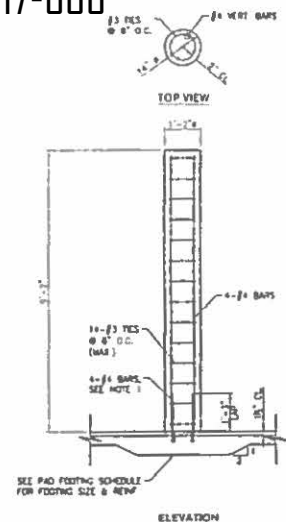
1 TYP. SIDE WALL SECTION
SCALE: 1/2" = 1'-0"



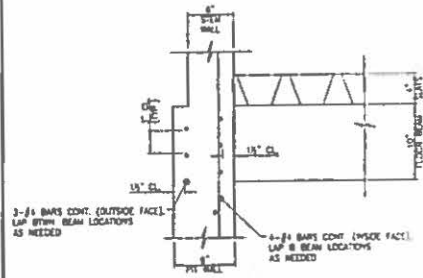
2 TYP. END WALL SECTION
SCALE: 1/2" = 1'-0"



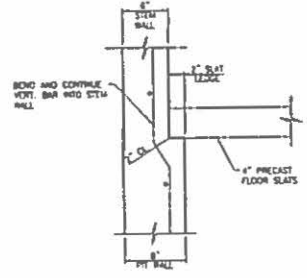
3 END WALL SECTION @ COLUMN
SCALE: 1/2" = 1'-0"



4 TYP. COLUMN DETAIL
SCALE: 1/2" = 1'-0"



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



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

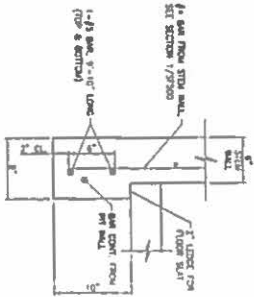
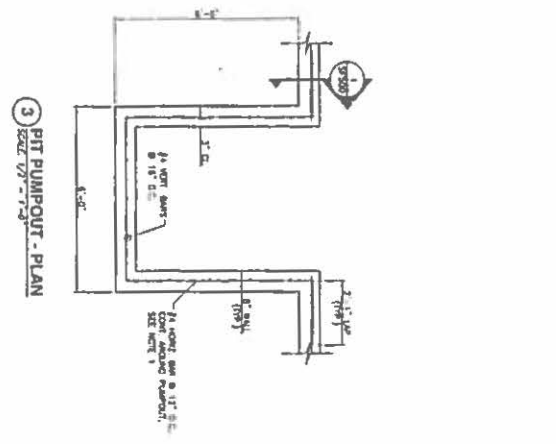
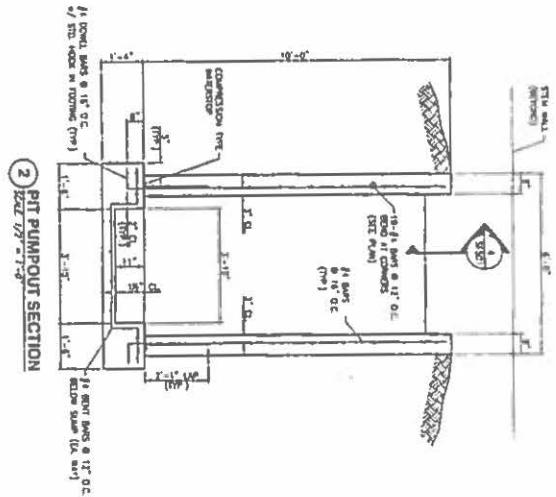
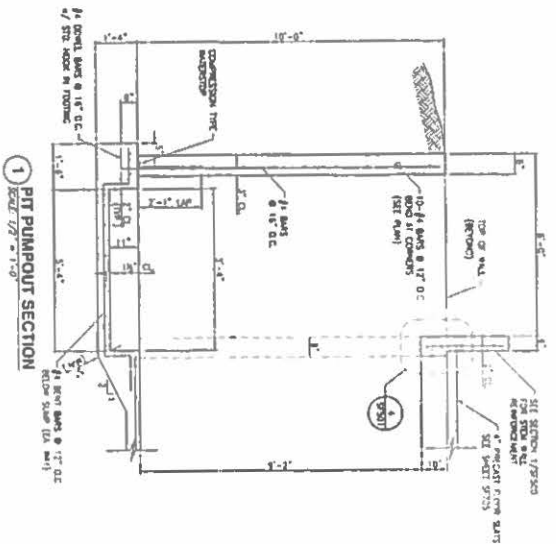
SHEET NOTES

1. DRILL AND EPOXY GROUT BARS 4" INTO CONCRETE SLAB OR WALL AS SHOWN. SELECT EPOXY MATERIAL TO OBTAIN MINIMUM 500 PSI TENSION AND 500 PSI SHEAR CAPACITIES. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL EPOXY GROUT MATERIAL AND INSTALLATION REQUIREMENTS.
2. ANY SPALLING, HONEYCOMBING, OR DELAMINATION OF THE CONCRETE ALONG THE SLAT BEARING LEDGE SHALL BE REPAIRED USING AN EPOXY REPAIR MORTAR TO MAINTAIN A FULL 2" WIDE BEARING LEDGE FOR THE SLATS.
3. NO HORIZONTAL CONSTRUCTION JOINTS SHALL BE PERMITTED IN THE PIT WALLS BELOW THE SLATS.
4. SEE SHEET S700 FOR TYPICAL CORNER BAR AND LAP SPICE DETAILS.
5. SEE SHEET S7300 FOR BASE SLAB THICKNESS AND REINFORCEMENT.
6. INCREASE CLEARANCE TO SLAB REIN. BELOW EXTERIOR WALLS AS NECESSARY FOR PROPER PLACEMENT OF WATERSTOP.

SCALE VALID ONLY ON
22"x34" SIZE PLANS

THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF MAURER-STUTZ ENGINEERS, SUBSIDIARY OF PETE CHRISTENSEN ENGINEERS, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR MODIFICATION OF THIS INFORMATION WITHOUT THE WRITTEN CONSENT OF PETE CHRISTENSEN ENGINEERS, INC. IS PROHIBITED.

PIT WALL AND COLUMN DETAILS FINISHER BARN SWINE FACILITY IMPROVEMENTS	
PETE CHRISTENSEN	
Checked By Drawn By Reviewed By Date Project No. Drawn By	SF500

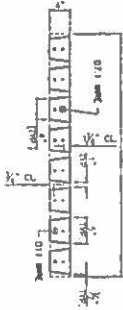
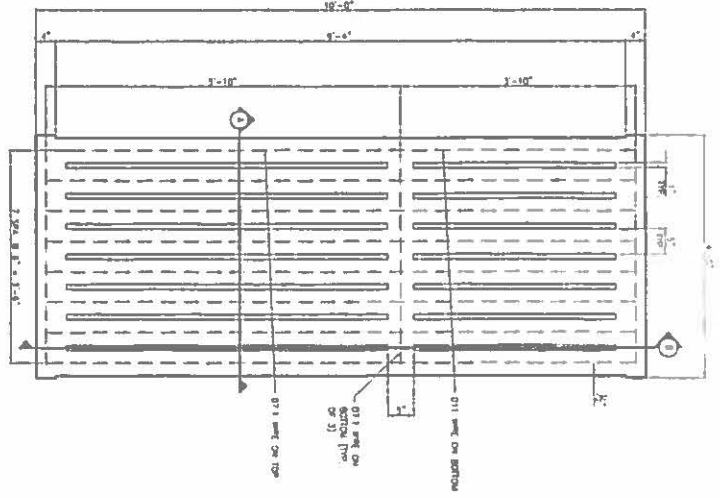


4 PUMP-OUT LINTEL DETAIL
SCALE 1/2\"/>

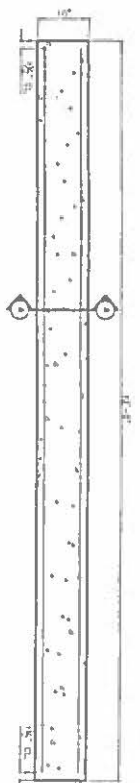
- SHEET NOTES**
1. CONCRETE PUMPOUT WALLS SHOULD BE FINISHED AT FINISH LINE ALONG ANY OF THE SIDES. PROVIDE THE FINISH LINE ON SHEET SIDE. WALLS SHOULD BE STICKEDED IN THE PUMPOUT.
 2. CONCRETE DETAILS FROM SHEET SIDE NEED NOT BE SHOWN ON THE PUMPOUT.
 3. HOODING, LINTEL, REINFORCEMENT BARS SHALL BE CONFORMED TO THE PUMPOUT.
 4. THE PUMPOUT BARS AND SUMP PIT SHALL BE FINISHED WORKMANLIKE WITH THE REST OF THE SUBSEQUENT BARS WITH THE HOODING PIT WALLS.
 5. WALLS ARE TO BE FINISHED FROM TOP OF REINFORCEMENT BARS TO THE FINISH FACE OF CONCRETE WALLS.

SCALE VALID ONLY ON
27'x14' SITE PLANS

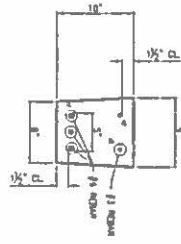
SHEET NO. SF501	DRAWN BY CHECKED BY DATE DESIGNED BY DATE PROJECT NO. PROJECT NAME	PROJECT PIT PUMPOUT DETAILS FINISHER BARN	MAURER-STUTZ ENGINEERS SURVEYORS 1000 WEST 10TH AVENUE, SUITE 100 DENVER, CO 80202 PHONE: 303.733.8800 FAX: 303.733.8801 WWW.MS-ENG.COM
		CLIENT PETE CHRISTENSEN	



GENERAL NOTES:
 1. CONCRETE AND REBAR DETAILS SHALL CONFORM TO ACI 318
 2. ALL REBAR SHALL BE EPOXY COATED
 3. ALL REBAR SHALL BE EPOXY COATED
 4. ALL REBAR SHALL BE EPOXY COATED
 5. ALL REBAR SHALL BE EPOXY COATED
 6. ALL REBAR SHALL BE EPOXY COATED
 7. ALL REBAR SHALL BE EPOXY COATED
 8. ALL REBAR SHALL BE EPOXY COATED
 9. ALL REBAR SHALL BE EPOXY COATED
 10. ALL REBAR SHALL BE EPOXY COATED

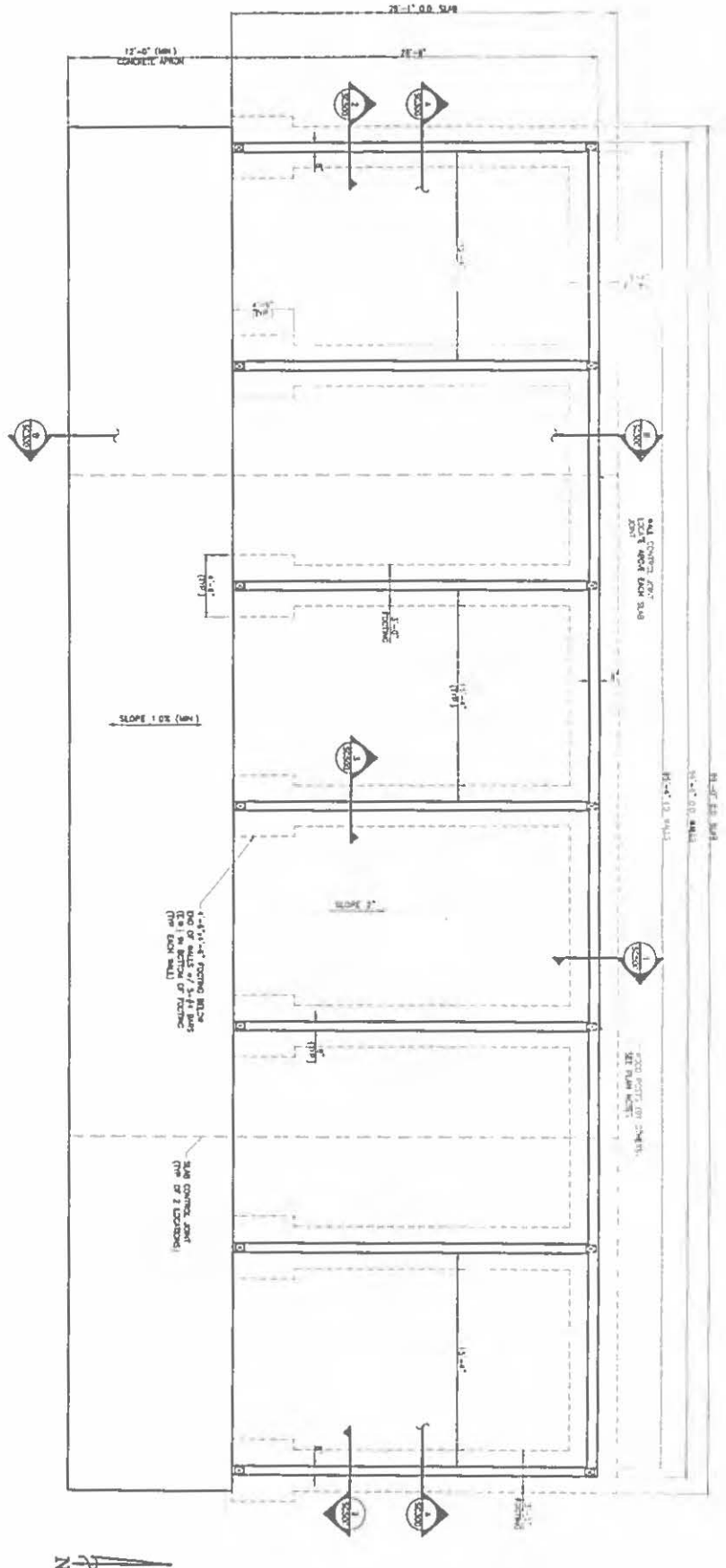


GENERAL NOTES:
 1. CONCRETE AND REBAR DETAILS SHALL CONFORM TO ACI 318
 2. ALL REBAR SHALL BE EPOXY COATED
 3. ALL REBAR SHALL BE EPOXY COATED
 4. ALL REBAR SHALL BE EPOXY COATED
 5. ALL REBAR SHALL BE EPOXY COATED
 6. ALL REBAR SHALL BE EPOXY COATED
 7. ALL REBAR SHALL BE EPOXY COATED
 8. ALL REBAR SHALL BE EPOXY COATED
 9. ALL REBAR SHALL BE EPOXY COATED
 10. ALL REBAR SHALL BE EPOXY COATED



SCALE VALID ONLY ON
 22"x34" SIZE PLANS

<p>PETE CHRISTENSEN</p>	<p>PRECAST FLOOR MEMBERS CUSTOM PRECAST, INC.</p>	<p>MAURER-STUTZ ENGINEERS SURVIVORS</p>	<p>REV. FLOOR</p>
<p>Drawn By: [Name] Check By: [Name] Date: [Date]</p>	<p>Project: SWINE FACILITY IMPROVEMENTS</p>	<p>MAURER-STUTZ ENGINEERS SURVIVORS 1000 WEST 10TH AVENUE, SUITE 100 DENVER, COLORADO 80202 PHONE: (303) 733-8800 FAX: (303) 733-8801 WWW: MAURER-STUTZ.COM</p>	<p>DATE: [Date] BY: [Name] REVISION: [Description]</p>

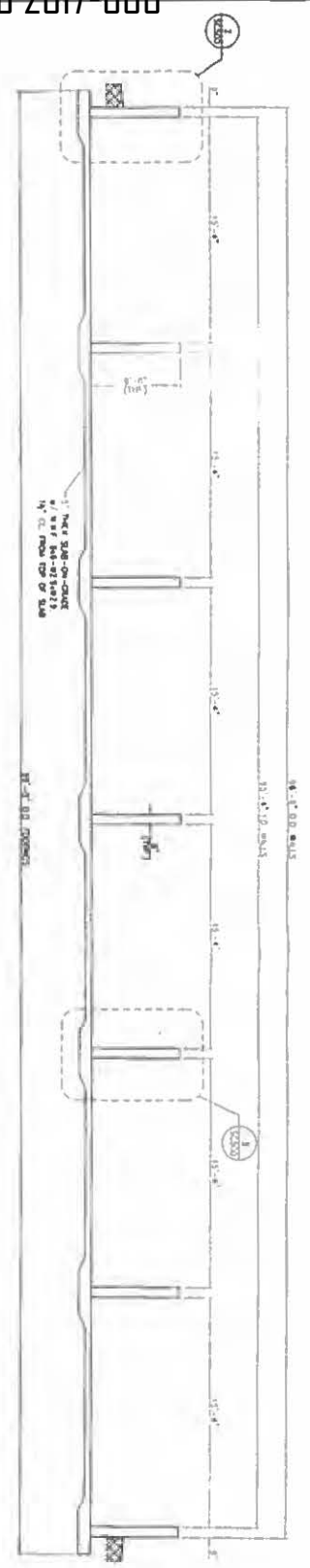


CONCRETE PLAN
SCALE 1/8" = 1'-0"

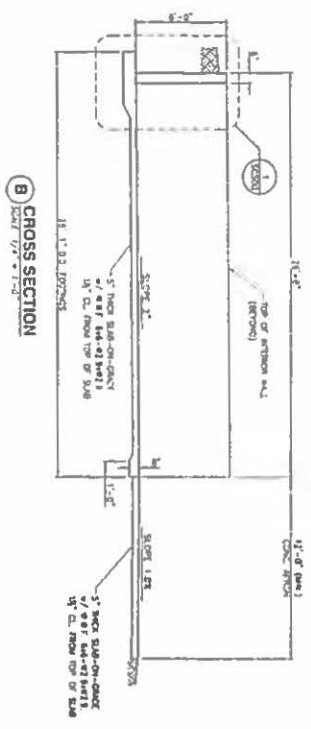
- DESIGN SPECIFICATIONS**
1. CONCRETE $f_c = 4,000$ psi
 2. REINFORCEMENT $f_y = 60,000$ psi
 3. ALLOWABLE SOIL BEARING PRESSURE = 1,500 psi
 4. SUBGRADE FRICTION COEFFICIENT = 0.3 (SAND)
 5. CONCRETE COVER = 30 mm
 6. CONCRETE LATERAL FORCE = 45 psf/ft
 7. SOIL LATERAL FORCE = 80 psf/ft
 8. LOCATION: BARN/PAU GARAGE, LUNGS

- DETAIL NOTES**
1. THE CONTRACTOR SHALL DESIGN THE ARRANGEMENTS OF THE SLAB AND WALLS IN ACCORDANCE WITH THE RELEVANT BUILDING CODES AND THE RECOMMENDATIONS OF THE ENGINEER.
 2. WALL THICKNESS SHALL BE AS FOLLOWS:
 a. 12" FOR WALLS UP TO 10' HIGH.
 b. 14" FOR WALLS UP TO 15' HIGH.
 c. 16" FOR WALLS UP TO 20' HIGH.
 d. 18" FOR WALLS UP TO 25' HIGH.
 e. 20" FOR WALLS UP TO 30' HIGH.
 f. 22" FOR WALLS UP TO 35' HIGH.
 g. 24" FOR WALLS UP TO 40' HIGH.
 h. 26" FOR WALLS UP TO 45' HIGH.
 i. 28" FOR WALLS UP TO 50' HIGH.
 j. 30" FOR WALLS UP TO 55' HIGH.
 k. 32" FOR WALLS UP TO 60' HIGH.
 l. 34" FOR WALLS UP TO 65' HIGH.
 m. 36" FOR WALLS UP TO 70' HIGH.
 n. 38" FOR WALLS UP TO 75' HIGH.
 o. 40" FOR WALLS UP TO 80' HIGH.
 p. 42" FOR WALLS UP TO 85' HIGH.
 q. 44" FOR WALLS UP TO 90' HIGH.
 r. 46" FOR WALLS UP TO 95' HIGH.
 s. 48" FOR WALLS UP TO 100' HIGH.

SCALE VALID ONLY ON
27"x36" SIZE PLANS



(A) LONGITUDINAL SECTION
SCALE 1/4" = 1'-0"

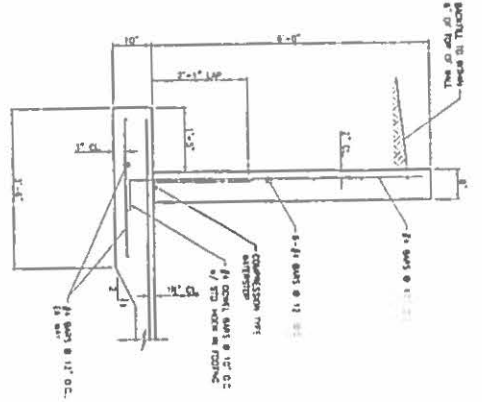


(B) CROSS SECTION
SCALE 1/4" = 1'-0"

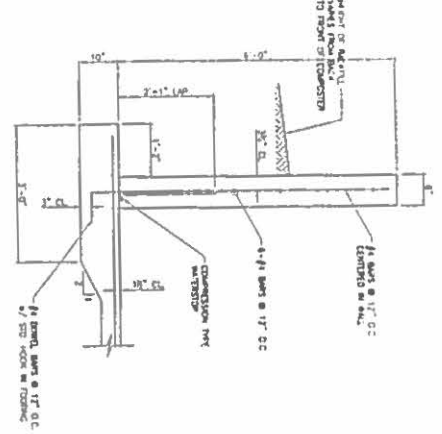
SEE NOTE.
1 SEE SHEET SECTION FOR SLAB AND WALL CONCRETE JOINT LOCATION.

SCALE VALID ONLY ON
22"x34" SIZE PLANS

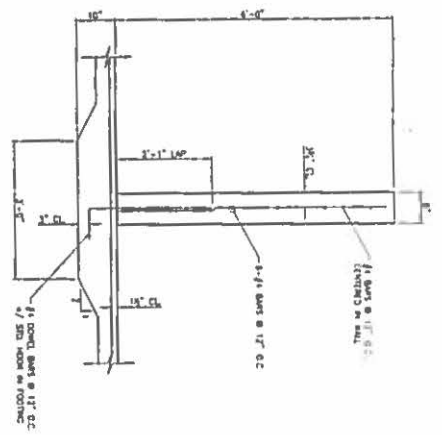
SC300 22"x34" SIZE PLANS	Designer By Peter Christensen	CONCRETE SECTIONS COMPOSTER SWINE FACILITY IMPROVEMENTS	MAURER-STUTZ ENGINEERS SURVEYORS 1000 W. 10th St., Suite 100 Des Moines, IA 50319 Phone: 515-281-1111 Fax: 515-281-1112 www.mstutz.com	REVISIONS NO. DATE BY
	Checked By Approved By Date	Title Scale Date	Project No. Drawing No.	1 2 3



1 BACK WALL SECTION
SCALE 3/4" = 1'-0"



2 SIDE WALL SECTION
SCALE 3/4" = 1'-0"



3 TYP. INTERIOR WALL SECTION
SCALE 3/4" = 1'-0"

- NOTE:**
- SEE SHEET ST00 FOR TYPICAL CORNER BAR AND LAP SPICE DETAILS
 - SEE SHEET SC000 FOR BACK SLAB THICKNESS AND REINFORCEMENT

SCALE VALID ONLY ON
27"x36" SIZE PLANS

SC500	Drawn By	Checked By
	Design By	Reviewed By
	Scale	Date
	Project No.	Project Name
	Drawn	Checked

PETE CHRISTENSEN

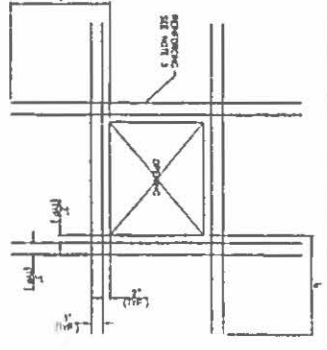
WALL DETAILS
COMPOSTER

SWINE FACILITY IMPROVEMENTS

MAURER-STUTZ
ENGINEERS ARCHITECTS

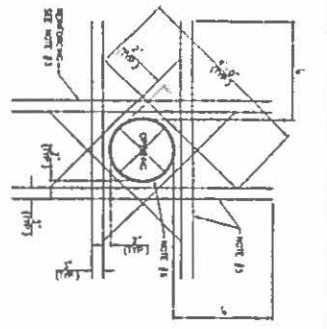
WORKING WITH YOU TO DESIGN

REVISIONS	NO.	DATE	DESCRIPTION

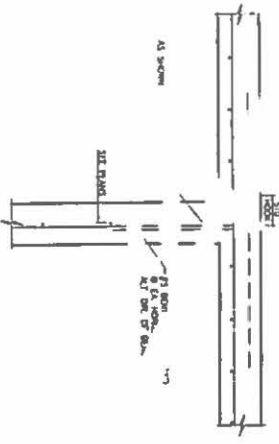


1. REBAR DETAIL
2. REBAR DETAIL
3. REBAR DETAIL
4. REBAR DETAIL
5. REBAR DETAIL
6. REBAR DETAIL
7. REBAR DETAIL
8. REBAR DETAIL

TYP. PENETRATION DETAIL

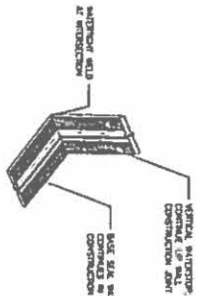


TYP. WALL, INNER DETAIL

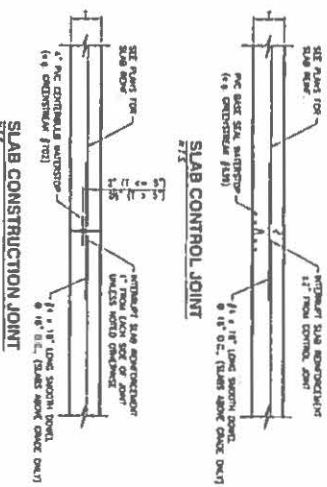


DEVELOPMENT LENGTH, l _d		STANDARD HOOK LENGTH, h _{hook}	
BAR SIZE	BAR	BAR SIZE	LENGTH
#1	12"	#1	10"
#2	18"	#2	12"
#3	24"	#3	14"
#4	30"	#4	16"
#5	36"	#5	18"
#6	42"	#6	20"
#7	48"	#7	22"
#8	54"	#8	24"
#9	60"	#9	26"
#10	66"	#10	28"
#11	72"	#11	30"
#12	78"	#12	32"

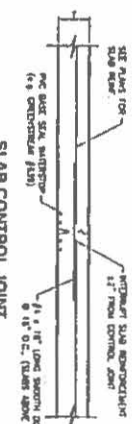
* Reinforcement bars shall be developed in concrete.



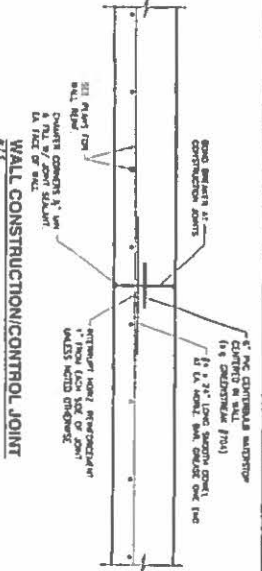
WALL/SLAB JOINT INTERSECTION



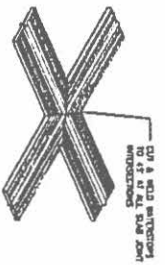
SLAB CONSTRUCTION JOINT



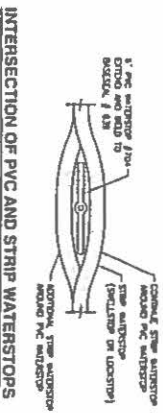
SLAB CONTROL JOINT



WALL CONSTRUCTION/CONTROL JOINT



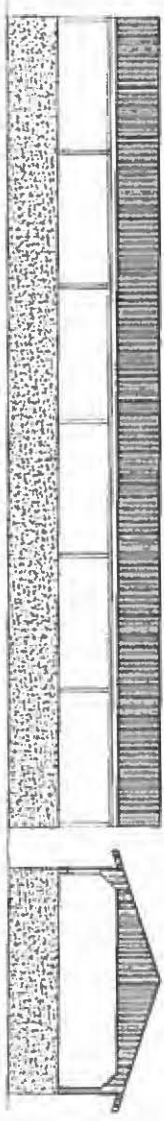
SLAB JOINT INTERSECTION



INTERSECTION OF PVC AND STRIP WATERSTOPS

SCALE VALID ONLY ON 22"x34" SIZE PLANS

PROJECT DESCRIPTION: POST FRAME COMPOST BUILDING



Frank E. Stewart

POST FRAME COMPOST BUILDING
SHEET NO. 1 OF 7

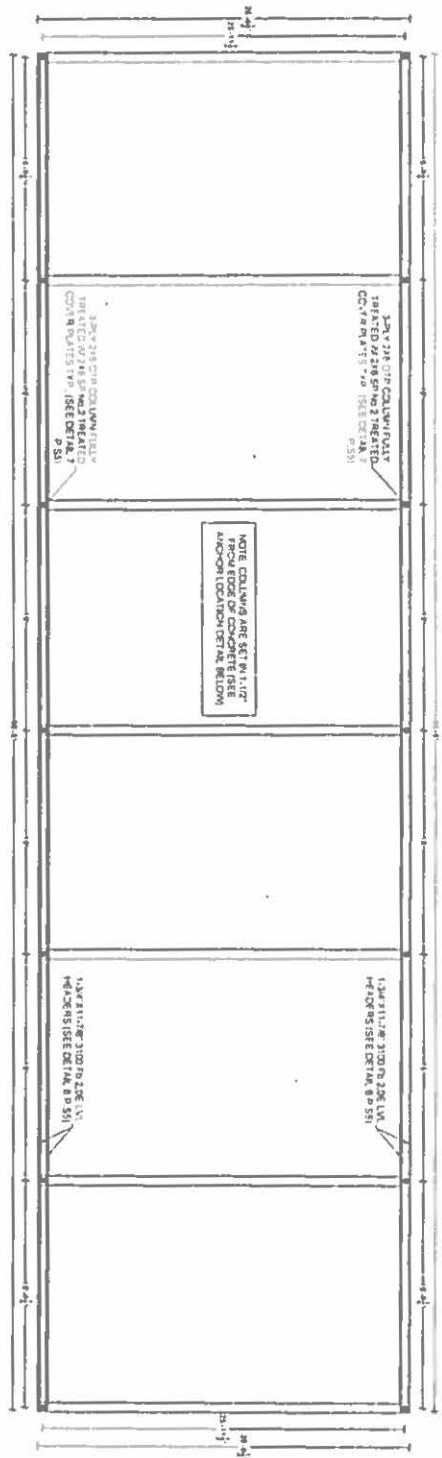
NOTES:

1. See Note Section 3.10.1.1
2. See Note Section 3.10.1.2
3. See Note Section 3.10.1.3
4. See Note Section 3.10.1.4
5. See Note Section 3.10.1.5
6. See Note Section 3.10.1.6
7. See Note Section 3.10.1.7
8. See Note Section 3.10.1.8
9. See Note Section 3.10.1.9
10. See Note Section 3.10.1.10

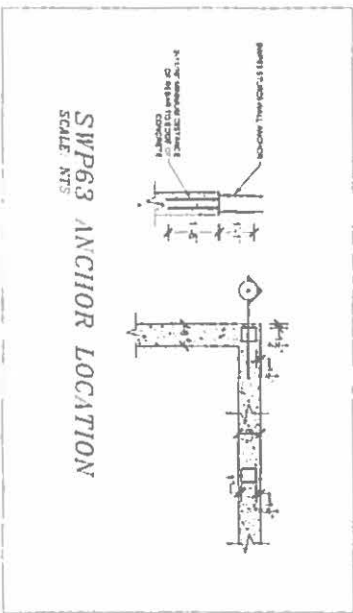
REVISIONS:

NO.	DATE	DESCRIPTION
1	09/22/2016	ISSUED FOR PERMIT

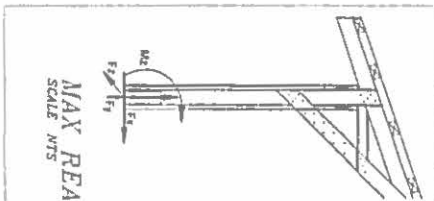
NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	TOTAL
1	1x4x6x12 SYP	1200	LF	0.15	180.00
2	2x4x6x12 SYP	600	LF	0.25	150.00
3	2x6x6x12 SYP	300	LF	0.35	105.00
4	2x8x6x12 SYP	150	LF	0.50	75.00
5	2x10x6x12 SYP	75	LF	0.70	52.50
6	2x12x6x12 SYP	30	LF	0.90	27.00
7	2x14x6x12 SYP	15	LF	1.10	16.50
8	2x16x6x12 SYP	7	LF	1.30	9.10
9	2x18x6x12 SYP	3	LF	1.50	4.50
10	2x20x6x12 SYP	1	LF	1.70	1.70



POST PLAN VIEW



SWP63 ANCHOR LOCATION
SCALE: NTS



MAX REACTIONS (ASD) AT BASE OF COLUMN
SCALE: NTS

	DEAD	LR	SNOW	WIND
F_x	1503 lbs	349.3 lbs	349.3 lbs	480.7 lbs
F_y	178.5 lbs	3928 lbs	3928 lbs	-2802 lbs or 2400 lbs
F_z	0	0	0	140 lbs
M_x	2918 B-in	8077 B-in	8077 B-in	15537 B-in

POST FRAME COMPOST BUILDING

POST PLAN VIEW

FINAL

S1

20P7

10/20/16 10:45 AM
SHEET NO. 8 OF 8

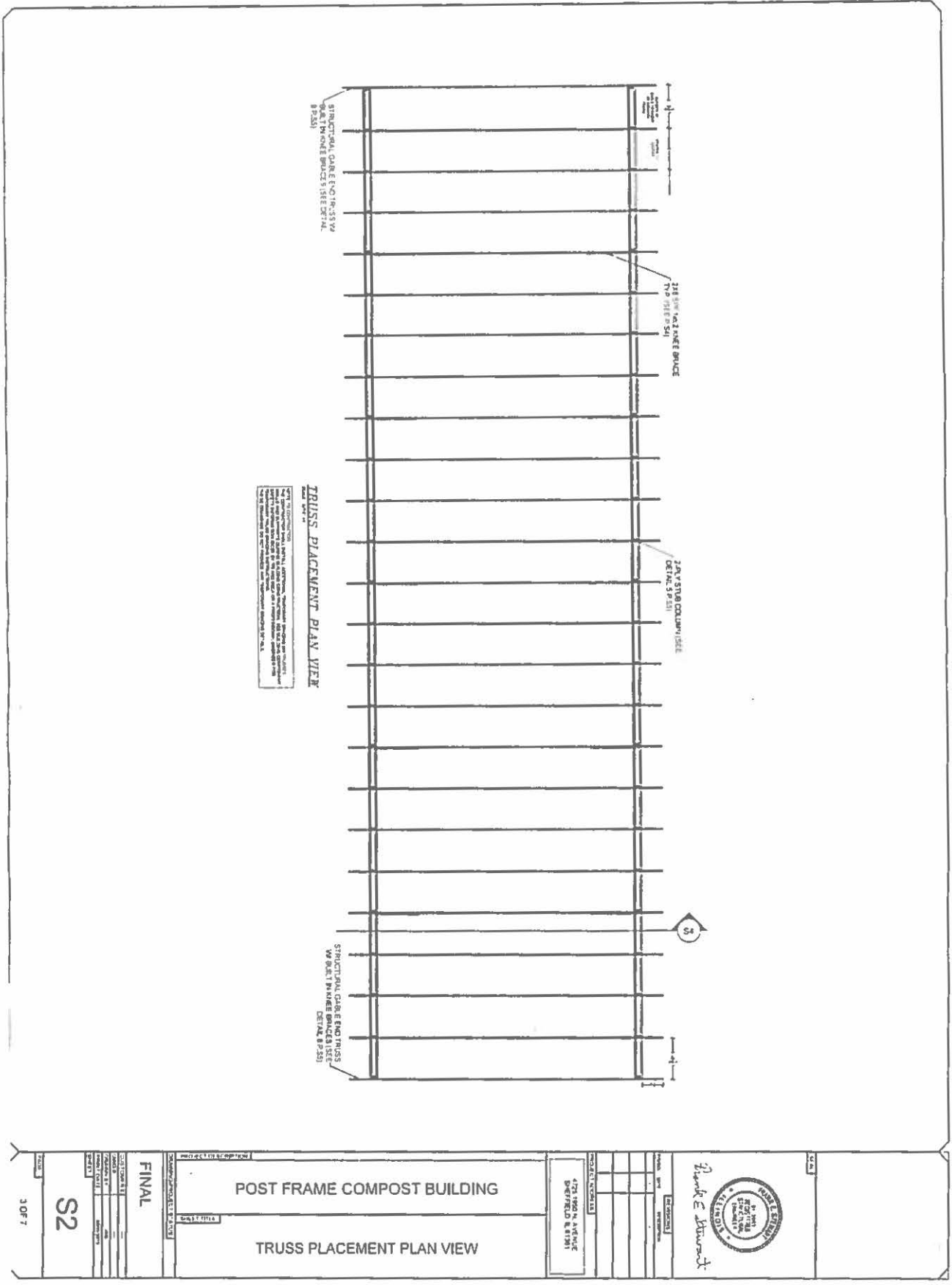
DATE: 10/20/16

PROJECT: POST FRAME COMPOST BUILDING

SCALE: NTS

20P7

Mark E. Stewart
Professional Engineer
State of Michigan
License No. 96519



TRUSS PLACEMENT PLAN VIEW

NOT TO SCALE
 ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE IBC. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS OF TRUSSES AND BRACES BEFORE INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL BUILDING DEPARTMENT. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES AT ALL TIMES. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL BUILDING DEPARTMENT. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES AT ALL TIMES. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND STRUCTURES.

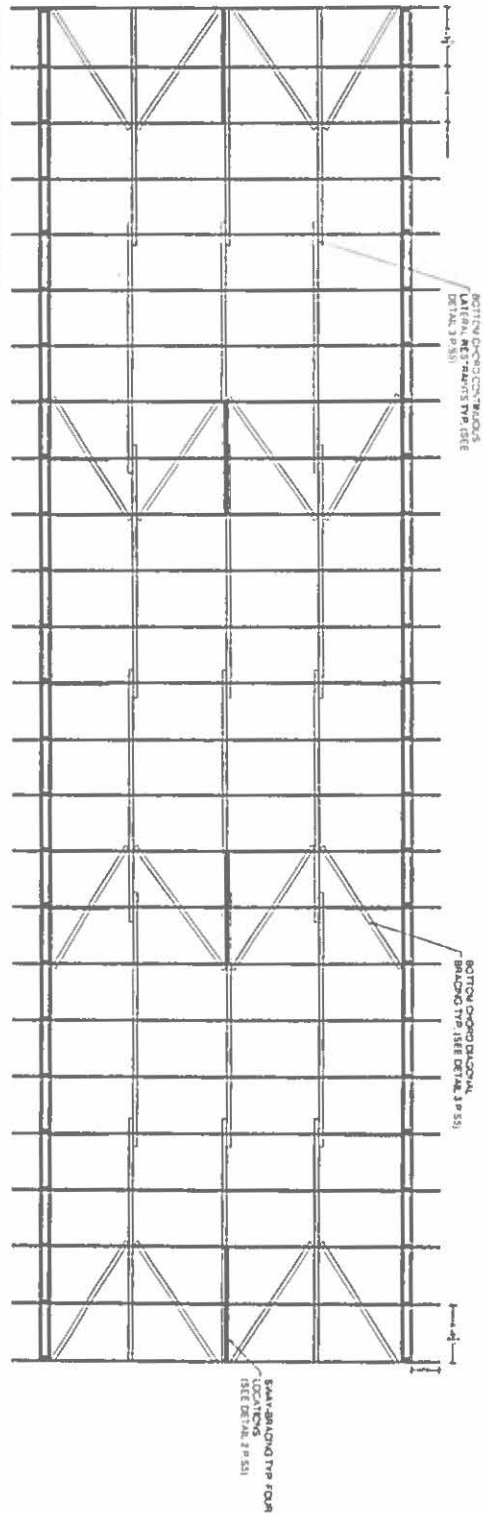
<p>POST FRAME COMPOST BUILDING</p> <p>TRUSS PLACEMENT PLAN VIEW</p>		<p>475 1980 N. AVENUE DEERFIELD, IL 60015</p>	<p>SCALE</p> <p>DATE</p> <p>REVISIONS</p>	<p>1 OF 7</p> <p>S2</p>
<p>FINAL</p>		<p>PROJECT DESCRIPTION</p>	<p>PROJECT NUMBER</p>	<p>DATE</p>




Frank E. Blum

THIS DRAWING IS THE PROPERTY OF THE ENGINEER. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, REPRODUCED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER. THE ENGINEER'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED HEREON. THE ENGINEER DOES NOT WARRANT THE ACCURACY OF THE INFORMATION PROVIDED HEREON. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

TRUSS BRACING PLAN VIEW

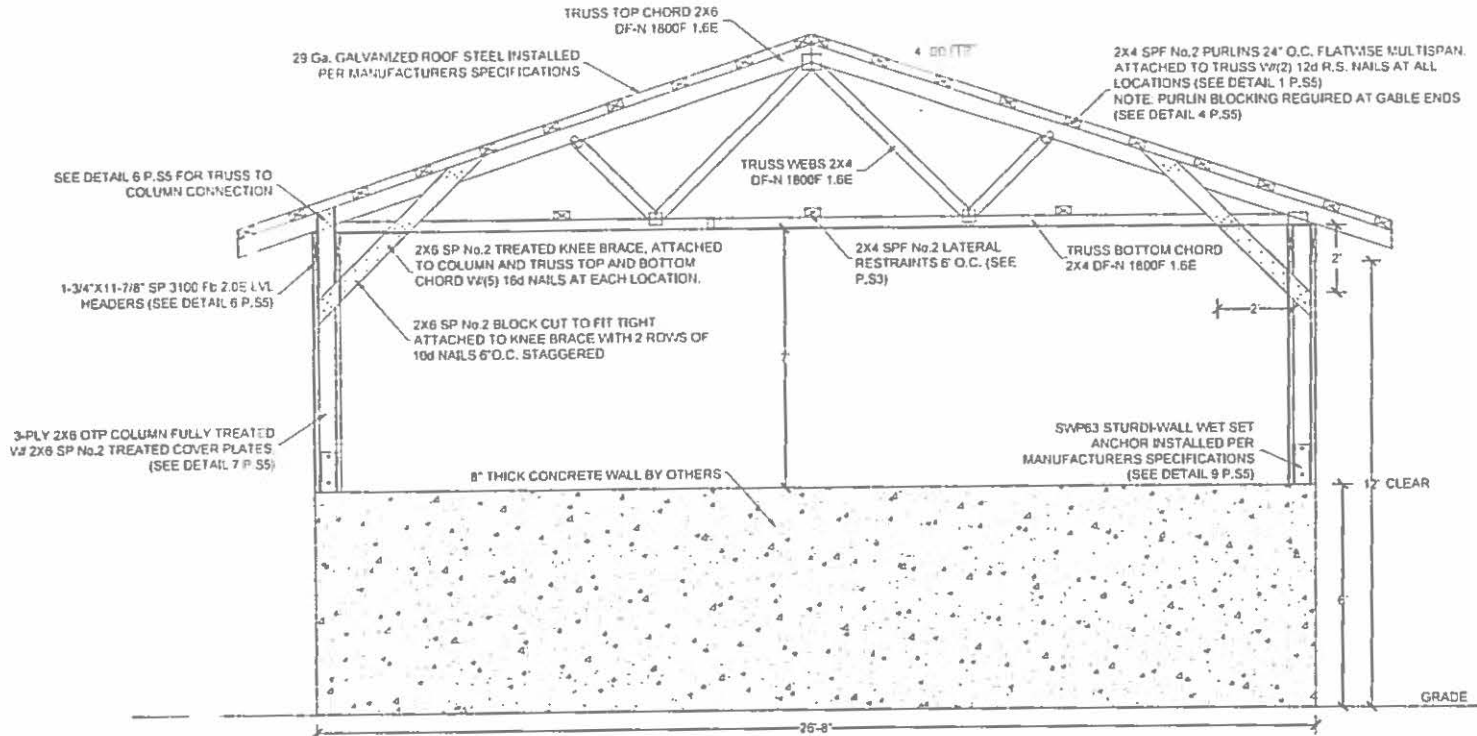


 <p>Frank E. Stewart</p>	<p>PROJECT DESCRIPTION</p> <p>POST FRAME COMPOST BUILDING</p>	<p>DATE</p> <p>09/22/2016</p>
	<p>SHEET TITLE</p> <p>TRUSS BRACING PLAN VIEW</p>	<p>SCALE</p> <p>AS SHOWN</p>
<p>CLIENT</p> <p>4725 1820 N. AVENUE SHEFFIELD, MI 48181</p>	<p>DESIGNER</p> <p>DATE</p>	<p>PROJECT NO.</p> <p>DATE</p>
<p>DATE</p> <p>09/22/2016</p>	<p>DATE</p> <p>09/22/2016</p>	<p>DATE</p> <p>09/22/2016</p>


FINAL

S3

4 OF 7

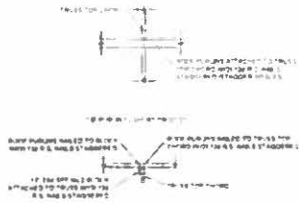


BUILDING CROSS SECTION
SCALE 1/2" = 1'

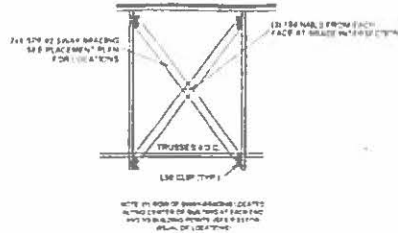


Bank & Stewart

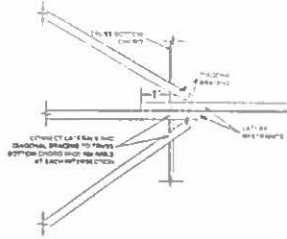
4725 1950 N AVENUE SHEFFIELD, IL 61767
POST FRAME COMPOST BUILDING BUILDING CROSS SECTION
FINAL
S4
5 OF 7



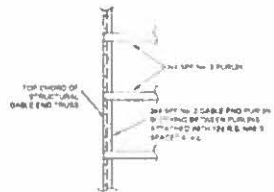
1 PURLIN CONNECTION
SCALE 3/8" = 1'



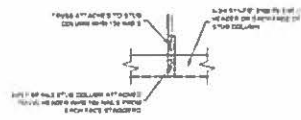
2 SWAY BRACING
SCALE 3/8" = 1'



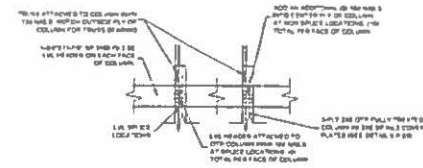
3 BOTTOM CHORD BRACING
SCALE 3/8" = 1'



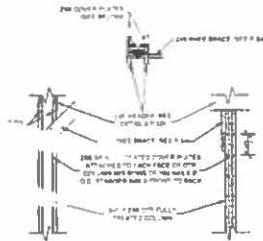
4 PURLIN BLOCKING
SCALE 3/8" = 1'



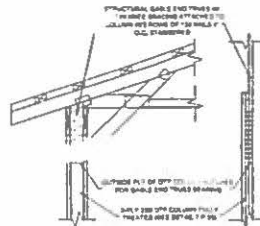
5 STUB COLUMN
SCALE 3/8" = 1'



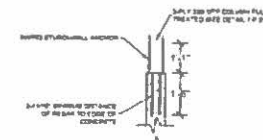
6 TRUSS & LVL CONNECTION
SCALE 3/8" = 1'



7 COLUMN DETAIL
SCALE 3/8" = 1'



8 BUILT IN KNEE BRACE
SCALE 3/8" = 1'



9 SWP63 ANCHOR
SCALE 3/8" = 1'



FRANK E. STEWART
REGISTERED PROFESSIONAL ENGINEER
STATE OF OHIO
LICENSE NO. 10000
PROJECT ADDRESS
4725 1950 N. AVENUE
SHEFFIELD, OHIO 44201

POST FRAME COMPOST BUILDING
DETAILS

DRAWING PROJECT: STATION: 1

FINAL

S5

6 OF 7



David E. Stewart
Professional Engineer
State of Michigan
License No. 2017-008

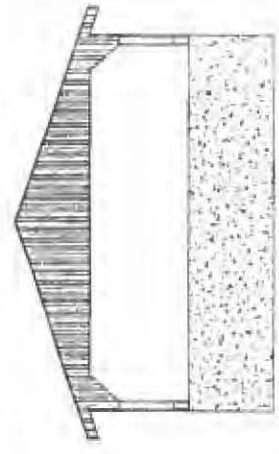
DATE	09/22/2016
PROJECT	POST FRAME COMPOST BUILDING
SCALE	AS SHOWN
DESIGNED BY	DAVID E. STEWART
CHECKED BY	
APPROVED BY	
DATE	

POST FRAME COMPOST BUILDING
BUILDING ELEVATION

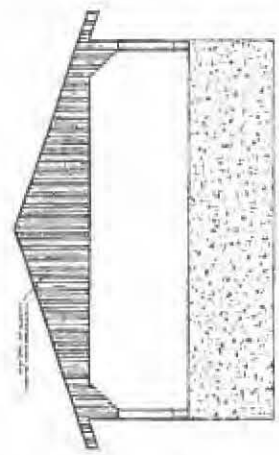
FINAL

S6

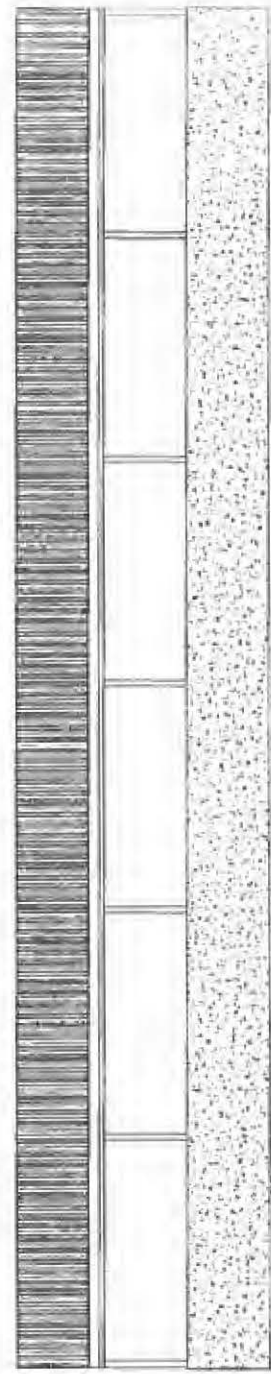
1 OF 7



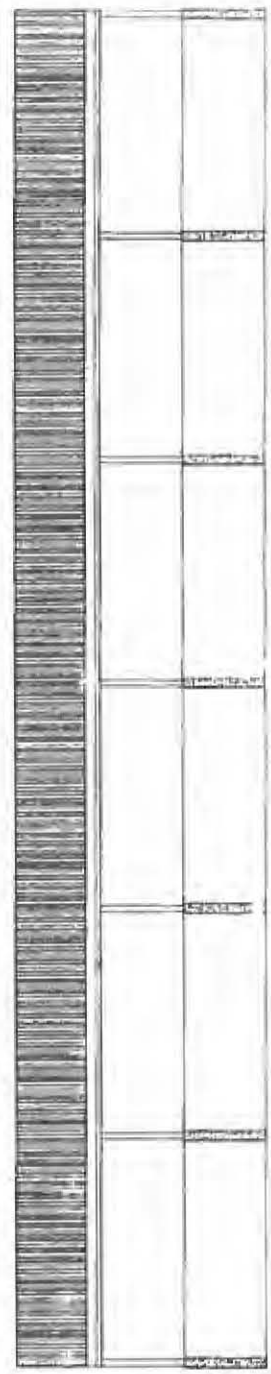
WEST ELEVATION



EAST ELEVATION



NORTH ELEVATION



SOUTH ELEVATION

ILLINOIS POLLUTION CONTROL BOARD
July 24, 2014

CHRISTENSEN SWINE - Sheffield)	
(Property Identification Number)	
07-26-400-001).)	
)	
Petitioner,)	
)	
v.)	PCB 15-9
)	(Tax Certification – Water)
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY,)	
)	
Respondent.)	

ORDER OF THE BOARD (by D. Glosser):

On July 15, 2014, the Illinois Environmental Protection Agency (Agency) filed a recommendation that the Board certify certain facilities of Christensen Swine-Sheffield (Christensen) as "pollution control facilities" for preferential tax treatment under the Property Tax Code. *See* 35 ILCS 200/11-5 *et seq.* (2012); 35 Ill. Adm. Code 125. Christensen's livestock waste management facilities are located at Section 26, T17N, R6E of 4th PM in Bureau County. In this order, the Board describes the legal framework for tax certifications, discusses the Agency's recommendation, and certifies that Christensen's identified "manure management structures," are pollution control facilities.

LEGAL FRAMEWORK

Under the Property Tax Code, "[i]t is the policy of this State that pollution control facilities should be valued, at 33 1/3% of the fair cash value of their economic productivity to their owners." 35 ILCS 200/11-5 (2012); *see also* 35 Ill. Adm. Code 125.200(a)(2). "For tax purposes, pollution control facilities shall be certified as such by the Pollution Control Board and shall be assessed by the Department of Revenue." 35 ILCS 200/11-20 (2012); *see also* 35 Ill. Adm. Code 125.200(a). Under the statute, the Board determines if the facilities are pollution control facilities; however, the Board is not authorized to assess a value of those facilities.

Under Section 125.202 of the Board's procedural rules, a person may submit an application for tax certification to the Agency. *See* 35 Ill. Adm. Code 125.202. If the Agency receives a tax certification application, the Agency must file with the Board a recommendation on the application, unless the applicant withdraws the application. *See* 35 Ill. Adm. Code 125.204(a). Among other things, the Agency's filing must recommend that the Board issue or deny tax certification. *See* 35 Ill. Adm. Code 125.204(a)(4). If the Board finds "that the claimed facility or relevant portion thereof is a pollution control facility . . . , the Pollution Control Board . . . shall enter a finding and issue a certificate to that effect." 35 ILCS 200/11-25 (2012); *see also* 35 Ill. Adm. Code 125.216(a).

AGENCY RECOMMENDATION

The Agency states that it received a tax certification application from Christensen on December 17, 2013.¹ Rec. at 1. On July 15, 2014, the Agency filed a recommendation with the Board, attaching Christensen's application. The Agency's recommendation identifies the facilities at issue:

Livestock waste management facilities consisting of one concrete manure pit (approximately 277 ft. x 71.16 ft. x 10 ft. deep) with 6 concrete manure pump out pits (approximately 6 ft. x 6 ft. x 11 ft. each) and the portion of concrete slotted flooring over the manure pit; once concrete manure pit (approximately 96 ft. x 50 ft. x 8 ft. deep) with 10 PVC tubes for manure pump out and the portion of concrete slotted flooring over the manure pit. *Id.*

The Agency further describes the facilities: "used to collect, transport and/or store livestock wastes prior to cropland application." Rec. at 1.

The Agency recommends that the Board certify that the facilities recommended for certification are pollution control facilities as defined in Section 11-10 of the Property Tax Code (35 ILCS 200/11-10 (2012)) with the primary purpose "of eliminating, preventing, or reducing water pollution." Rec. at 2; *see also* Rec., Agency Technical Memorandum.

TAX CERTIFICATE

Based upon the Agency's recommendation and Christensen's application, the Board finds and certifies that Christensen's facilities recommended for certification identified in this order are pollution control facilities under the Property Tax Code (35 ILCS 200/11-10 (2012)). The Board makes no finding regarding the assessed value of [that facility/those facilities]. Under Section 11-25 of the Property Tax Code, the effective date of this certificate is "the date of application for the certificate or the date of the construction of the facility, which ever is later." 35 ILCS 200/11-25 (2012); *see also* 35 Ill. Adm. Code 125.216(a). Section 125.216(d) of the Board's procedural rules states that the Clerk "will provide the applicant and the Agency with a copy of the Board's order setting forth *the Board's findings and certificate, if any.*" 35 Ill. Adm. Code 125.216(d) (quoting in italics 35 ILCS 200/11-30 (2012)). The Clerk therefore will provide Christensen and the Agency with a copy of this order.

IT IS SO ORDERED.

Section 11-60 of the Property Tax Code provides that any applicant or holder aggrieved by the issuance, refusal to issue, denial, revocation, modification or restriction of a pollution control certificate or a low sulfur dioxide emission coal fueled device certificate may appeal the Board's finding and order to the Circuit Court under the Administrative Review Law (735 ILCS 5/3-101 *et seq.* (2012)). *See* 35 ILCS 200/11-60 (2012).

¹ The Agency's recommendation is cited as "Rec. at _."

I, John T. Therriault, Clerk of the Illinois Pollution Control Board, certify that the Board adopted the above order on July 24, 2014, by a vote of 4-0.

A handwritten signature in cursive script that reads "John T. Therriault". The signature is written in black ink and is positioned above a horizontal line.

John T. Therriault, Clerk
Illinois Pollution Control Board

STATE OF ILLINOIS)
)
)
COUNTY OF SANGAMON)
)

CERTIFICATE OF SERVICE

I, the undersigned attorney at law, hereby certify that I have served on the date of September 22, 2016, the attached APPEARANCE and RECOMMENDATION OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, upon the following persons by First Class U.S. Mail, with proper postage or delivery charges prepaid:

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

Peter Sheffield
P.O. Box 11
Sheffield, Illinois 61361

Peter Sheffield
P.O. Box 11
Sheffield, Illinois 61361

[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/ Vera Herst
Assistant Counsel
Division of Legal Counsel
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276
217.782.5544

THIS FILING IS SUBMITTED ON RECYCLED PAPER