

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Radius Ag, LLC)
(Property Identification Number) PCB 17-
10-034-001-00)) (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

Ed McEwen
23265 N. 2200th Road
Prairie City, Illinois 61470

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: 

Michael S. Roubitchek
Assistant Counsel
Division of Legal Counsel

DATED: January 3, 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

Radius Ag, LLC)
(Property Identification Number) PCB 17-
10-034-001-00) (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: 

Michael S. Roubitchek
Assistant Counsel
Division of Legal Counsel

DATED: January 3, 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

Radius Ag, LLC)
(Property Identification Number) **PCB 17-**
10-034-001-00)) **(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 January 5, 2016, the Illinois EPA received a request from Radius Ag, LLC (log number TC-02-16, 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: Radius Ag, LLC
1613 10th Avenue
Avon, IL 61415

The proposed water pollution control facilities in this request are located in the Section 34, T8N, R1W of the 4th P.M. in Warren County, at the above street address and consist of the following:


Livestock waste management facilities consisting of two concrete manure pits (approximately 281 ft. x 71 ft. x 8 ft. deep and 281 ft. x 71 ft. x 10 ft. deep), the concrete slatted portion of the floor over each manure pit that captures and contains waste generated in the barn above, and four concrete pump out pits for each manure pit (each approximately 6 ft. x 6 ft.).

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.

WHEREFORE, the Illinois EPA recommends that the Board issue the requested tax certification.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: 
Michael S. Roubitchek
Assistant Counsel
Division of Legal Counsel

Dated: January 3, 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, ACTING DIRECTOR

Memorandum

To: Charles Gunnarson, Division of Legal Counsel

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

Date: DEC 13 2016

Re: Radius Ag, LLC – Avon
Recommendation of Tax Certification
Log # TC-02-16
Property Identification # 10-034-001-00

The Bureau of Water received a request on January 5, 2016 from Ed McEwen 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:

Radius Ag, LLC
1613 10th Ave.
Avon, IL

Section 34, T8N, R1W of the 4th PM in Warren County

The livestock waste handling facilities consisting of two (2) concrete manure pits (approximately 281 ft. x 71 ft. x 8 ft. and 281 ft. x 71 ft. x 10 ft.) and the concrete slotted portion of the floor over each manure pit that capture and contain livestock waste. Four (4) (approximately 6 ft. x 6 ft.) pumpout pits for each manure pit that allow manure removal from the manure pit. 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: Radius Ag, LLC

Location: Avon, IL

Reviewer: WH

Date: December 1, 2016

Log number: TC-02-16

Type: Agchem
 Livestock

Applicant: Ed McEwen
23265 N. 2200th Rd.
Prairie City, IL 61470

Contact: Ed McEwen
23265 N. 2200th Rd.
Prairie City, IL 61470
Phone: 309-333-8535

Facility: Radius Ag, LLC
1613 10th Ave.
Avon, IL

Property ID: 10-034-001-00

County: Warren

Legal Description:
Section: 34 Twp: 8N R: 1W PM: 4th

Signature: Ed McEwen

Date Control Devices installed: 11/2015

Title: Manager

Wastes: Livestock waste is applied to cropland.
 Agrichemical rinsate and spillage is recycled through the facility and/or land applied.
 Other: _____

Physical Description of Pollution Control Devices:

The livestock waste handling facilities consist of two (2) concrete manure pits (approximately 281 ft. x 71 ft. x 8 ft. and 281 ft. x 71 ft. x 10 ft.) and the concrete slat portion of the floor over each manure pit that capture and contain waste generated in the barn above. Each concrete manure pit has four (4) (approximately 6 ft. x 6 ft.) pumpout pits to allow manure removal from the manure pit. The facility collects, transports and stores livestock waste prior to cropland application.

01/29/2016: WH called Ruth Ann McGrew for further information about the buildings (dimensions, pumpouts, etc.). Ruth Ann provided additional information by email.

11/29/2016: WH emailed Ruth Ann McGrew about the correction of Section D Description of Pollution Control Facility. She emailed the corrections to WH.

12/01/2016: Ruth Ann emailed a statement that Building 1 and 2 above the concrete floor are not required for tax certification.

Recommended Action: Issue tax certification.


*** PCB 2017-035 ***

This Agency is authorized to request this information under Illinois Revised Statutes, 1979, Chapter, 120, Section 502a-5. Disclosure of this information is voluntary. However, failure to comply could prevent your application from being processed or could result in denial of your application for certification.

POLLUTION CONTROL FACILITY
 AIR WATER
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 P. O. Box 19276, Springfield, IL 62794-9276

FOR AGENCY USE			
File No.	Date Received	Certification No.	Date
APPLICANT	Company Name <i>Eric McEwen (Radius Ag LLC)</i>		
	Person Authorized to Receive Certification <i>Ed McEwen</i>		Person to Contact for Additional Details <i>Ed McEwen</i>
	Street Address <i>23265 N. 2200th Rd</i>		Street Address <i>23265 N. 2200th Rd</i>
	Municipality, State & Zip Code <i>Prairie City, IL 61470</i>		Municipality, State & Zip Code <i>Prairie City, IL 61470</i>
	Telephone Number <i>(309) 333-8535</i>		Telephone Number <i>(309) 333-8535</i>
	Location of Facility	Municipality	Township
	Quarter Section <i>34</i>	Township <i>8N</i>	Range <i>1W</i>
	Street Address <i>1613 10th Ave, Avon IL</i>	County <i>Warren</i>	Book Number <i>Greenbush</i>
	Property Identification Number <i>10-034-001-00</i>	Parcel Number	
MANUFACTURING OPERATIONS	Nature of Operations Conducted at the Above Location <i>Agricultural production specifically swine confinement for commercial slaughter.</i>		
	Water Pollution Control Construction Permit No. <i>N/A</i>	Date Issued	
	NPDES PERMIT No. <i>N/A</i>	Date Issued	Expiration Date
	Air Pollution Control Construction Permit No. <i>N/A</i>	Date Issued	
	Air Pollution Control Operating Permit No. <i>N/A</i>	Date Issued	
MANUFACTURING PROCESS	Describe Unit Process <i>Barn #2 = 19,951 sq. ft. Swine finishing building with 8ft. deep manure pit under all of building.</i>		
	Materials Used in Process <i>Materials used are described in detail in attachments</i>		
POLLUTION CONTROL FACILITY DESCRIPTION	Describe Pollution Abatement Control Facility <i>See attachments</i>		

RECEIVED
 JAN 05 2016
 IEP-1
 309WPC/PERMIT SECTION

Sec. E	(1) Nature of Contaminants or Pollutants		
CONTAMINANTS			Material Retained, Captured or Recovered
	Contaminant or Pollutant	DESCRIPTION	DISPOSAL OR USE
	Air contaminants and runoff pollutants	Swine manure-liquid and solids	Applied to cropland using mechanical pump and injector system.
(2) Point(s) of Waste Water Discharge			
Plans and Specifications Attached			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
(3)	Are contaminants (or residues) collected by the control facility?		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
(4)	Date installation completed <u>November 2015</u> status of installation on date of application <u>Complete/In use</u>		
ACCOUNTING DATA	(5)	a. FAIR CASH VALUE IF CONSIDERED REAL PROPERTY:	\$ <u>746,263</u>
		b. NET SALVAGE VALUE IF CONSIDERED REAL PROPERTY:	\$ <u>0</u>
		c. PRODUCTIVE GROSS ANNUAL INCOME OF CONTROL FACILITY:	\$ <u>0</u>
		d. PRODUCTIVE NET ANNUAL INCOME OF CONTROL FACILITY:	\$ <u>0</u>
		e. PERCENTAGE CONTROL FACILITY BEARS TO WHOLE FACILITY VALUE:	% <u>60</u>
Sec. F	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. The facilities claimed herein are "pollution control facilities" as defined in Section 11-10 of the Illinois Property Tax Code.		
SIGNATURE	 Signature		
	Manager 12/30/15 Title / Date		
Sec. G	INSTRUCTIONS FOR COMPILING AND FILING APPLICATION		
General: Separate applications must be completed for each control facility claimed. Do not mix types (water and air). Where both air and water operations are related, file two applications. If attachments are needed, record them consecutively on an index sheet.			
Sec. A	Information refers to applicant as listed in the tax records and the person to be contacted for further details or for inspection of facilities. Define facility location by street address or legal description. A plat map location is required for facilities located outside of municipal boundaries. The property identification number is required.		
Sec. B	Self-explanatory. Submit copies of all permits issued by local pollution control agencies. (e.g. MSD Construction Permit)		
Sec. C	Refers to manufacturing processes or materials on which pollution control facility is used.		
Sec. D	Narrative description of the pollution control facility, indicating that its primary purpose is to eliminate, prevent or reduce pollution. State the type of control facility. State permit number, date, and agency issuing permit. A narrative description and a process flow diagram describing the <u>pollution control facility</u> . Include a listing of each major piece of equipment included in the claimed fair cash value for real property. Include an <u>average</u> analysis of the influent and effluent of the control facility stating the collection efficiency.		
Sec. E	List air contaminants, or water pollution substances released as effluents to the manufacturing processes. List also the final disposal of any contaminants removed from the manufacturing processes. Item (1) - Refers to pollutants and contaminants removed from the process by the pollution control facility. Item (2) - Refers to water pollution but can apply to water-carried wastes from air pollution control facilities. 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. Item (3) - If the collected contaminants are disposed of other than as wastes, state the disposition of the materials, and the value in dollars reclaimed by sale or reuse of the collected substances. State the cost of reclamation and related expense. Item (4) - State the date which the pollution control facility was first placed in service and operated. If not, explain. Item (5) - This information is essential to the certification and assessment actions. This accounting data must be completed to activate project review prior to certification by this Agency.		
Sec. F	Self-explanatory. Signature must be a corporate authorized signature.		
	Submit to:	Attention:	Attention:
	Illinois EPA P.O. Box 19276 Springfield, IL 62794-9276	Al Keller Permit Section Division of Water Pollution Control	Donald E. Sutton Permit Section Division of Air Pollution Control

Han, Wei

From: Ruth Ann McGrew <ruthann.mcgrew@fbfm.org>
Sent: Wednesday, February 24, 2016 9:21 AM
To: Han, Wei
Subject: EPA application descriptions

Dear Mr. Han,

Per your request by phone for additional description of Building 1 and Building 2 for Mr. Ed McEwen, Mr. Eric McEwen and or Radius Ag LLC please note the following.

Building 1 has a 281Ft x 71Ft slated concrete floor over the concrete floor pit. It also has four 6Ft wide by 10Ft deep concrete jut outs in the walls for pump out sections within the pit for waste removal from the pit.

Building 2 has a 281FT x 71FT slated concrete floor over the concrete floor pit. It also has four 6Ft wide by 8Ft deep concrete jut outs in the walls for pump out sections within the pit for waste removal from the pit.

Please let us know if you have any further questions.

Thank you for your assistance with these applications.

Sincerely,

Ruth Ann McGrew
Western FBFM Association
446 East Main Street, P. O. Box 93
Bushnell, IL 61422
Office - 309-772-9251
Cell - 309-341-6223
Fax - 309-422-4334
e-mail - ruthann.mcgrew@fbfm.org

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Han, Wei

From: Ruth Ann McGrew <ruthann.mcgrew@fbfm.org>
Sent: Tuesday, November 29, 2016 4:49 PM
To: Han, Wei
Subject: [External] Section D on EPA Applications for Radius Ag LLC

Dear Mr. Han,

Section D – Describe Pollution Abatement Control Facility (Corrections)

Building 1 – 281Ft x 71Ft slated concrete floor over the concrete pit with concrete jut outs in walls for pump out sections within the pit for waste removal. Please see attachments for additional information.

Building 2 – 281Ft x 71Ft slated concrete floor over the concrete pit with concrete jut outs in walls for pump out sections within the pit for waste removal. Please see attachments for additional information.

These changes were per your request for clarity of Section D of our original EPA applications filed 12/30/15.

Please confirm receipt of this emailed information with an email acknowledgement.

Thank you for your assistance.

Sincerely,

Ruth Ann McGrew
Western FBFM Association
446 East Main Street, P. O. Box 93
Bushnell, IL 61422
Office – 309-772-9251
Cell – 309-341-9223
Fax – 309-422-4334
e-mail – ruthann.mcgrew@fbfm.org

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Han, Wei

From: Ruth Ann McGrew <ruthann.mcgrew@fbfm.org>
Sent: Thursday, December 01, 2016 4:17 PM
To: Han, Wei
Subject: [External] Radius Ag Application

Dear Mr. Han,
Building 1 and Building 2 above the concrete floor will not be required for tax certification.
Thank you.

Ruth Ann McGrew
Western FBFM Association
446 East Main Street, P. O. Box 93
Bushnell, IL 61422
Office – 309-772-9251
Cell – 309-341-9223
Fax – 309-422-4334
e-mail – ruthann.mcgrew@fbfm.org

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Building # 2:

Building # 2 is a slatted floor deep pit building. Hogs are housed inside this building that has a 281FT x 71FT pit that is 8FT deep. Concrete slats on top of the pit allow manure and liquids to fall through the slats and into the pit below. Total capacity of the pit is approximately calculated to be 850,000 gallons of manure storage. The pit is pumped and applied to cropland using a mechanical pump and injector system.

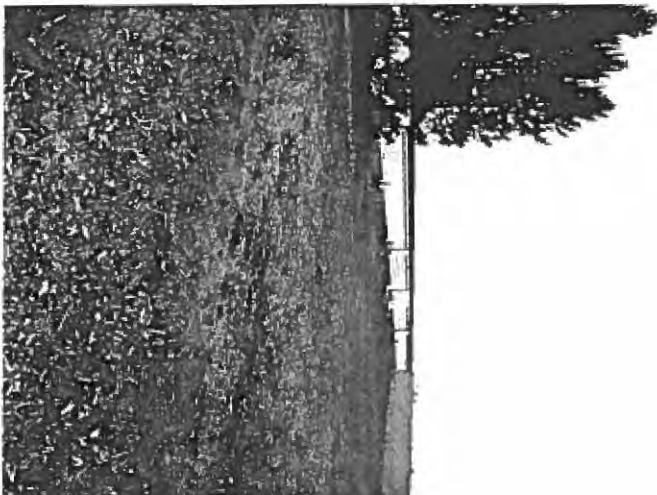
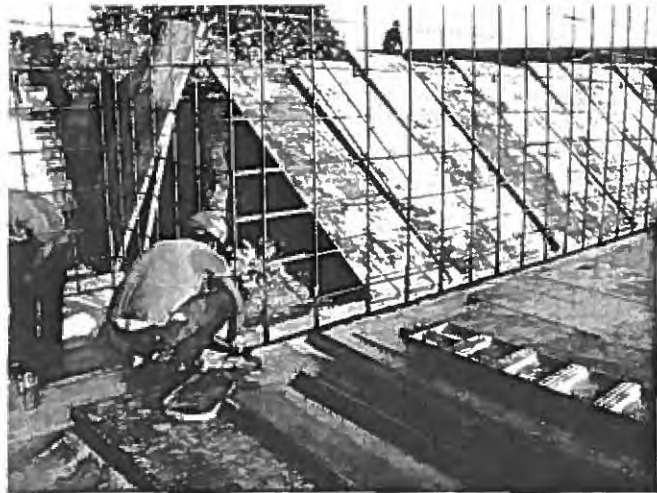
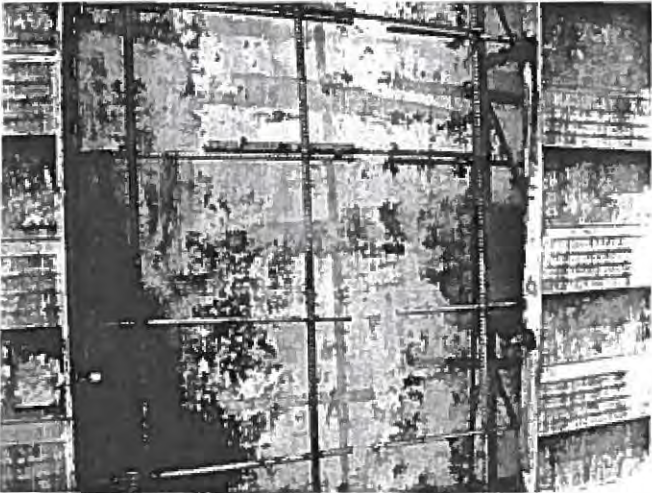
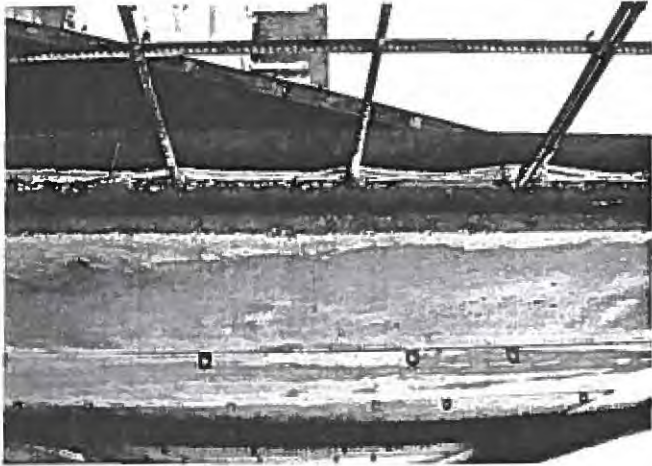
LF1870200000

**McEwen, Eric
Warren**

*Bldg # in
8' pit*

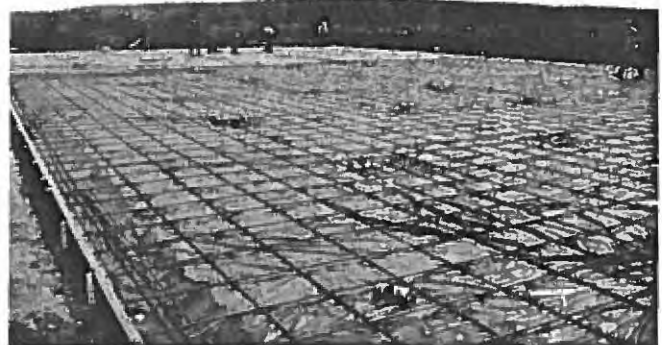
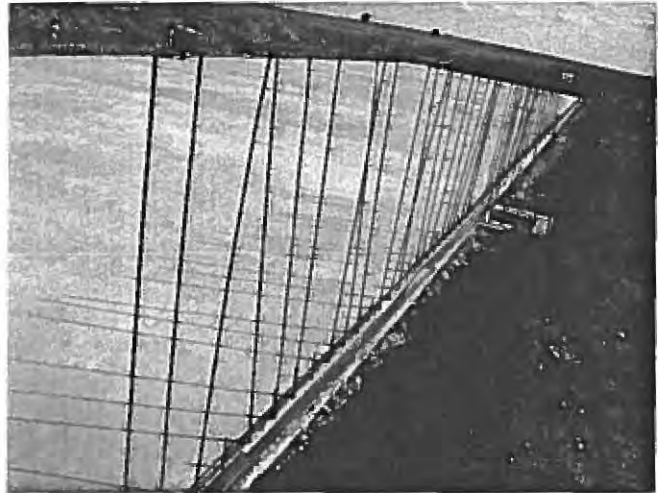
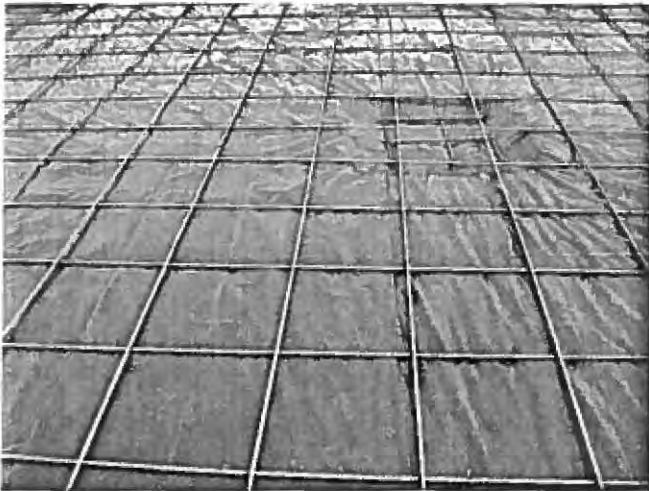
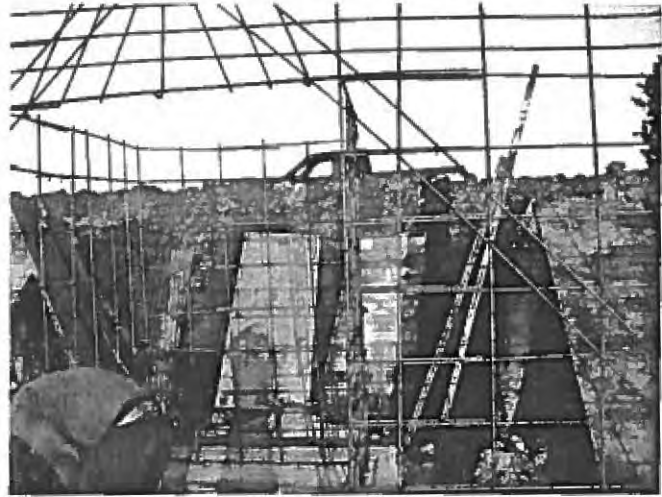
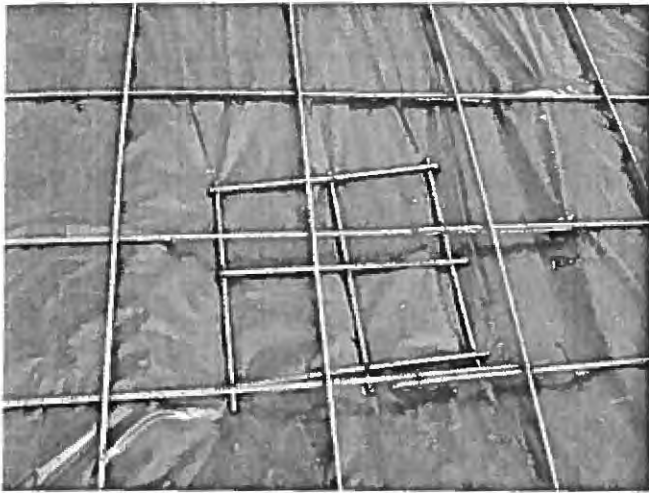


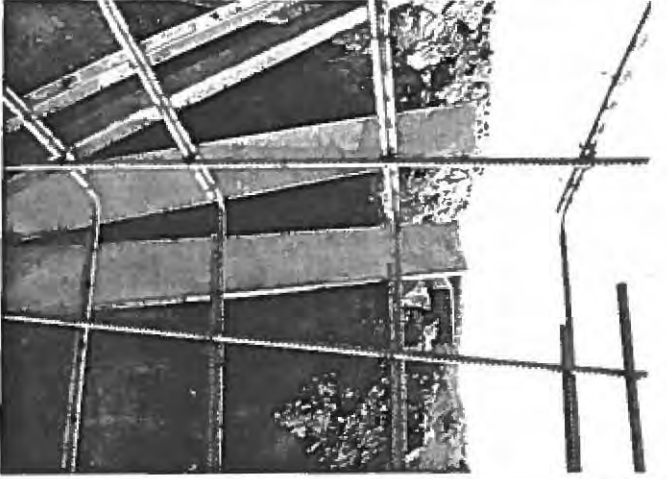
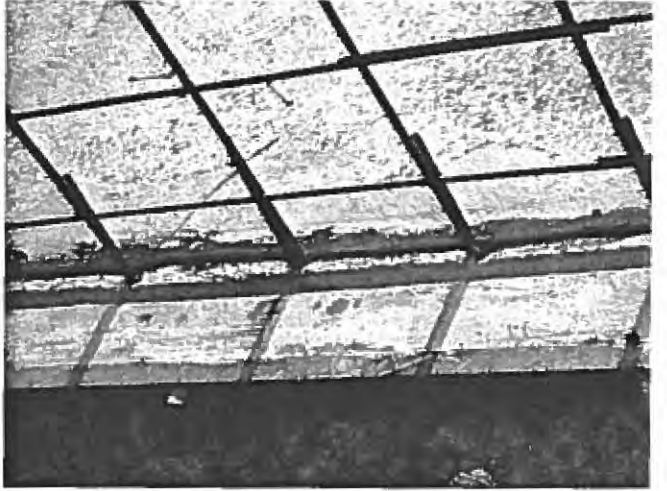
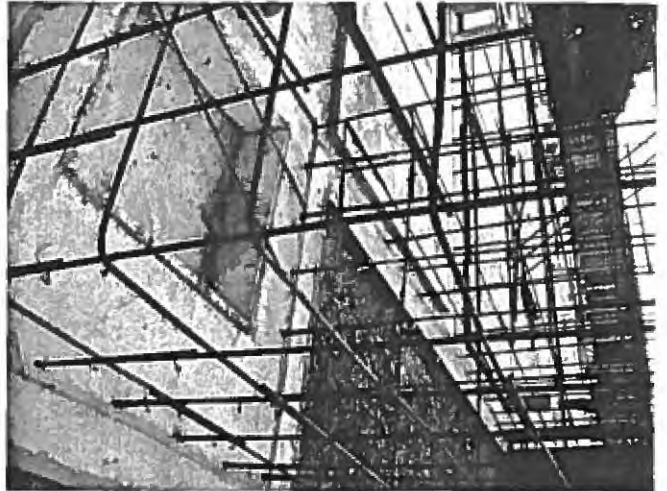
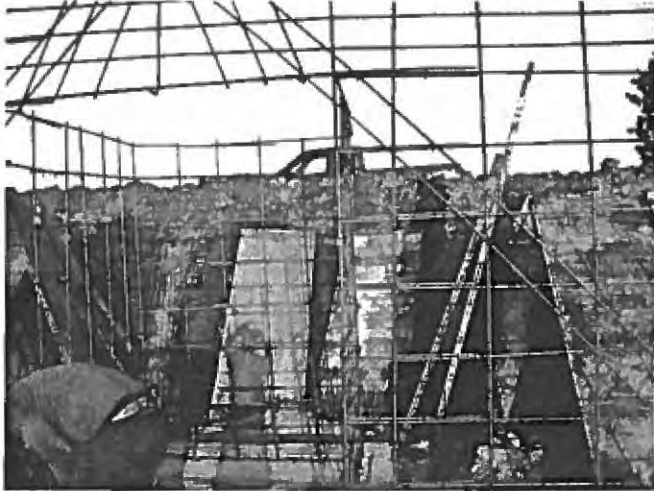
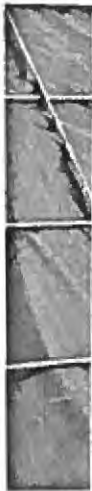
Livestock Management Facilities Program

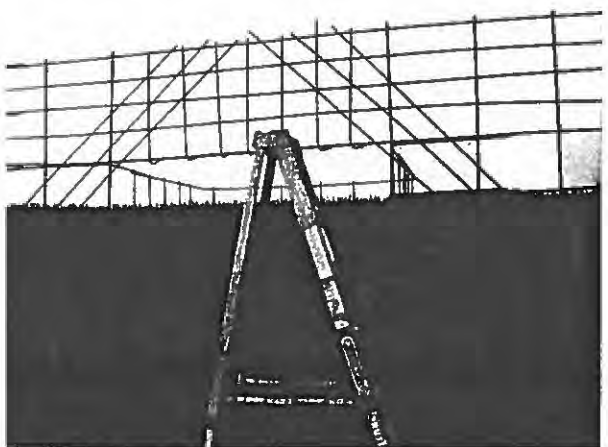
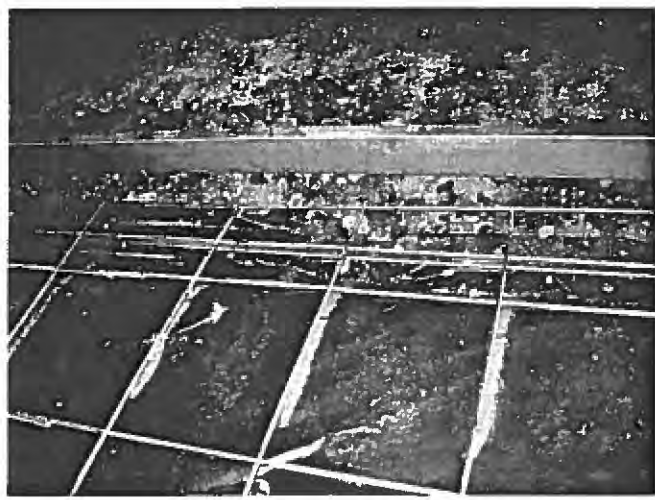
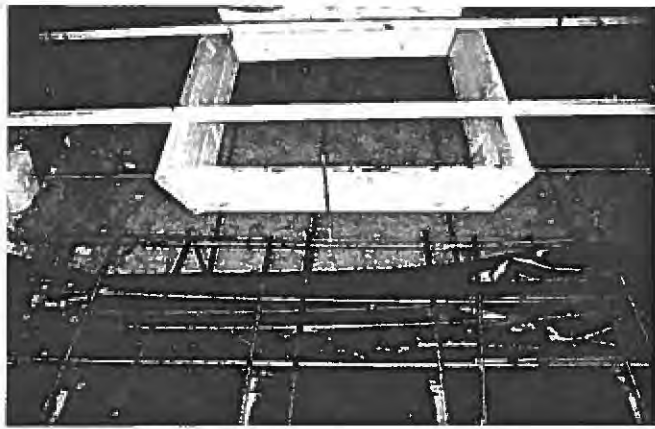
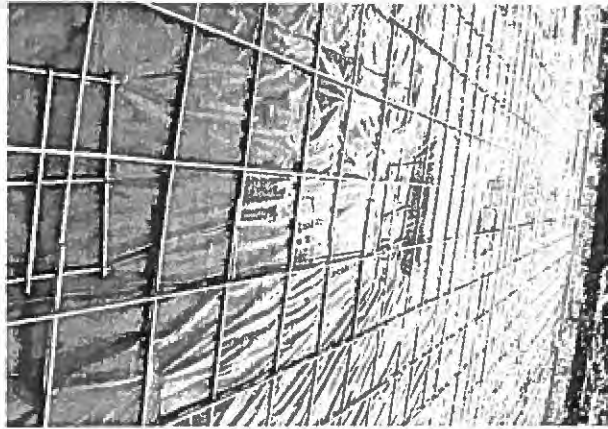


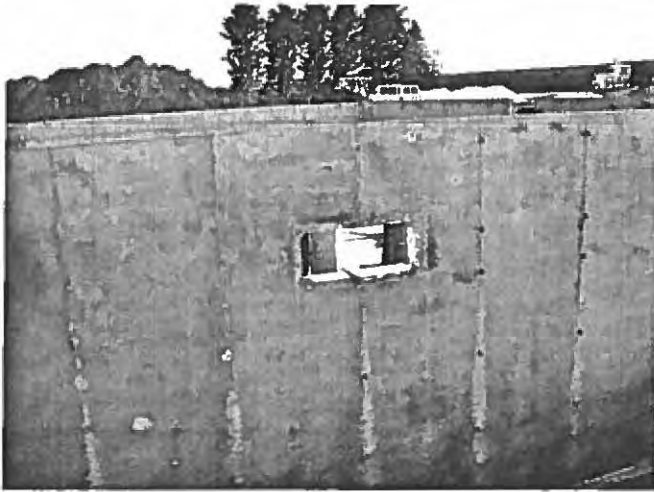
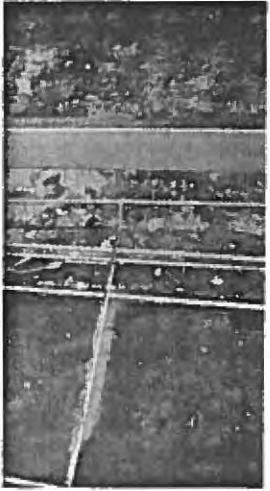
East
Bldg
#2

West
Bldg
#1









S:\2016\2017\128-2002 07 Revise.dwg - See Mr. Dan D. R. Assistant Drawings\CO\ACD COVER.CVL.dwg

CONSTRUCTION PLANS FOR ERIC McEWEN

WARREN COUNTY, ILLINOIS

Building #2

PROJECT LOCATION



INDEX TO SHEETS

SHEET NO	DESCRIPTION
	COVER SHEET
C101	FARMSTEAD PLAN
C102	SITE PLAN
C103	GRADING PLAN
C501	GENERAL NOTES AND CIVIL DETAILS



PROJECT SITE



800.842.0123

NE 1/4 OF NE 1/4, SEC 34
T. 8N., R. 1W., 4TH P.M.
WARREN COUNTY



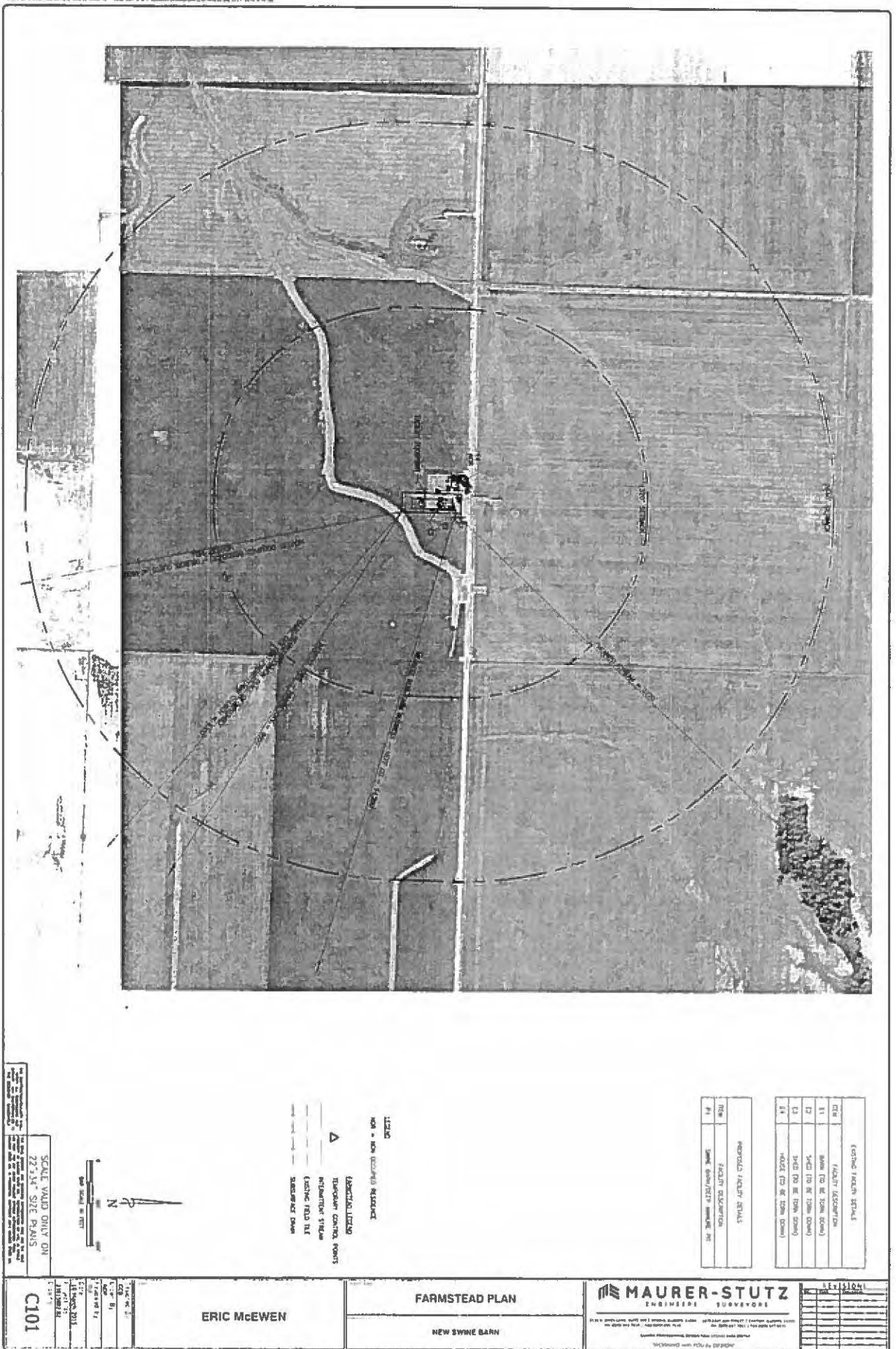
Terry L. Eldridge
TERRY L. ELDRIDGE, PE
PE NO. 0062-003198
EXP. DATE 11/30/2015

ALL SHEETS COVERED BY THIS SEAL

PLANS PREPARED BY:



MSI PROJECT NO. 23815002.02



EXISTING FACILITY DETAILS	
010	FACILITY DESCRIPTION
E1	BARN (TO BE TORN DOWN)
E2	SHED (TO BE TORN DOWN)
E3	3-BED FARM (TO BE TORN DOWN)
E4	4-BED FARM (TO BE TORN DOWN)

PROPOSED FACILITY DETAILS	
P10	FACILITY DESCRIPTION
P1	SHED (NEW/EXISTING)

- LEGEND**
- 10' - 20' (existing) RESURFACE
 - △ EXISTING LITZING
 - TURQUOISE CONCRETE PAVEMENT
 - REINFORCED CONCRETE
 - EXISTING FIELD IRT
 - EXISTING DRIVE



SCALE VALID ONLY ON
22'x34' SIZE PLOTS

<p>ERIC McEWEN</p>	<p>FARMSTEAD PLAN</p> <p>NEW SWINE BARN</p>	<p>MAURER-STUTZ ENGINEERS SURVEYORS</p> <p>210 N. 2ND STREET, SUITE 100 • ST. LOUIS, MISSOURI 63102 • TEL: 314.433.1100 • FAX: 314.433.1101</p> <p>www.maurer-stutz.com</p>	<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	DESCRIPTION			
NO.	DATE	DESCRIPTION							



SCALE: VARIOUS ONLY ON SHEET 14 OF 14



- SOIL ELEVATION
- FIELD ANGLE
- TURNOVER CORNER POINT
- MEASUREMENT STRIP
- EXISTING FIELD TIE
- CONCRETE
- BOUNDARY DATA

NO.	DESCRIPTION
01	EXISTING FIELD DETAILS
02	EXISTING EXISTING
03	EXISTING (TO BE TORN DOWN)
04	EXISTING (TO BE TORN DOWN)
05	EXISTING (TO BE TORN DOWN)
06	EXISTING (TO BE TORN DOWN)

ERIC McEWEN 2714 1/2 13 NEW SWINE BARN 13 NEW SWINE BARN	SITE PLAN NEW SWINE BARN	MAURER-STUTZ ENGINEERS SURVEYORS 1000 WEST 10TH AVENUE SUITE 1000 DENVER CO 80202 TEL: 303.733.1111 FAX: 303.733.1112 WWW.MAURER-STUTZ.COM	REVISIONS NO. DATE BY DESCRIPTION
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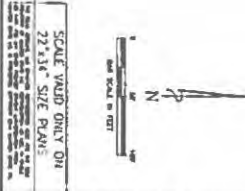


- NOTES
1. ALL SLOPES AND SPECIAL TREATMENT ARE SHOWN TO A MINIMUM OF ONE PER CENT UNLESS OTHERWISE NOTED. THE MINIMUM SLOPE SHALL BE 1% UNLESS OTHERWISE NOTED.
 2. ALL SLOPES SHALL BE PLACED IN A LINE OR IN A LINE WITH A MINIMUM OF 1% UNLESS OTHERWISE NOTED.
 3. SLOPES AND SPECIAL TREATMENT SHALL BE PLACED TO PROTECT EXISTING AND PROPOSED STRUCTURES AND UTILITIES FROM EROSION AND DAMAGE.
 4. ALL SLOPES SHALL BE PLACED TO PROTECT EXISTING AND PROPOSED STRUCTURES AND UTILITIES FROM EROSION AND DAMAGE.
 5. ALL SLOPES SHALL BE PLACED TO PROTECT EXISTING AND PROPOSED STRUCTURES AND UTILITIES FROM EROSION AND DAMAGE.
 6. ALL SLOPES SHALL BE PLACED TO PROTECT EXISTING AND PROPOSED STRUCTURES AND UTILITIES FROM EROSION AND DAMAGE.
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 8. ALL SLOPES SHALL BE PLACED TO PROTECT EXISTING AND PROPOSED STRUCTURES AND UTILITIES FROM EROSION AND DAMAGE.

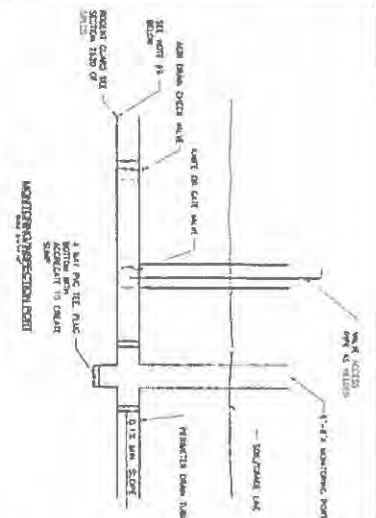
FIELD BOOK E-211 PG. 13
DATE 1/18/17
JOB NO. 13

SURVEY TEMPORARY CONTROL POINT	
1	W. 1/4
2	N. 1/4
3	E. 1/4
4	S. 1/4

- PROPOSED GROUND CONTOUR
- EXISTING GROUND CONTOUR
- ▲ TEMPORARY CONTROL POINT
- COFFER LINE
- EXISTING FIELD TILE
- PROPOSED FIELD TILE
- EXISTING DRAIN



<p>ERIC McEWEN</p>	<p>GRADING PLAN</p>	<p>MAURER-STUTZ ENGINEERS SURVEYORS</p>	<p>DATE: 1/18/17 JOB NO: 13</p>
	<p>NEW SWINE BARN</p>		

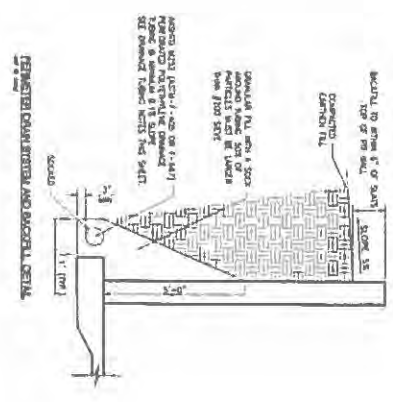


SUBSURFACE DRAMA TUBING SIZING CHART

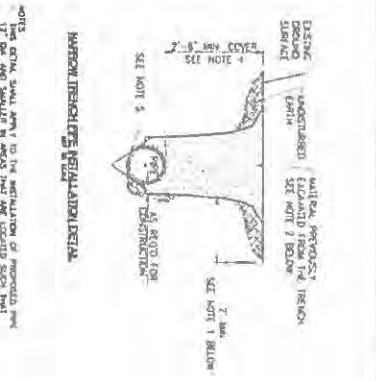
TUBING SIZE	MAXIMUM DEPTH	MINIMUM DEPTH
4"	100'	50'
5"	150'	75'
6"	200'	100'
8"	300'	150'
10"	400'	200'
12"	500'	250'

NOTES

1. DRAMA TUBING SHALL BE INSTALLED FOR THE ENTIRE LENGTH OF THE TUBING.
2. DRAMA TUBING SHALL BE INSTALLED IN A SINGLE LINE WITH A MINIMUM SPACING OF 10 FEET BETWEEN TUBES.
3. DRAMA TUBING SHALL BE INSTALLED IN A SINGLE LINE WITH A MINIMUM SPACING OF 10 FEET BETWEEN TUBES.
4. DRAMA TUBING SHALL BE INSTALLED IN A SINGLE LINE WITH A MINIMUM SPACING OF 10 FEET BETWEEN TUBES.



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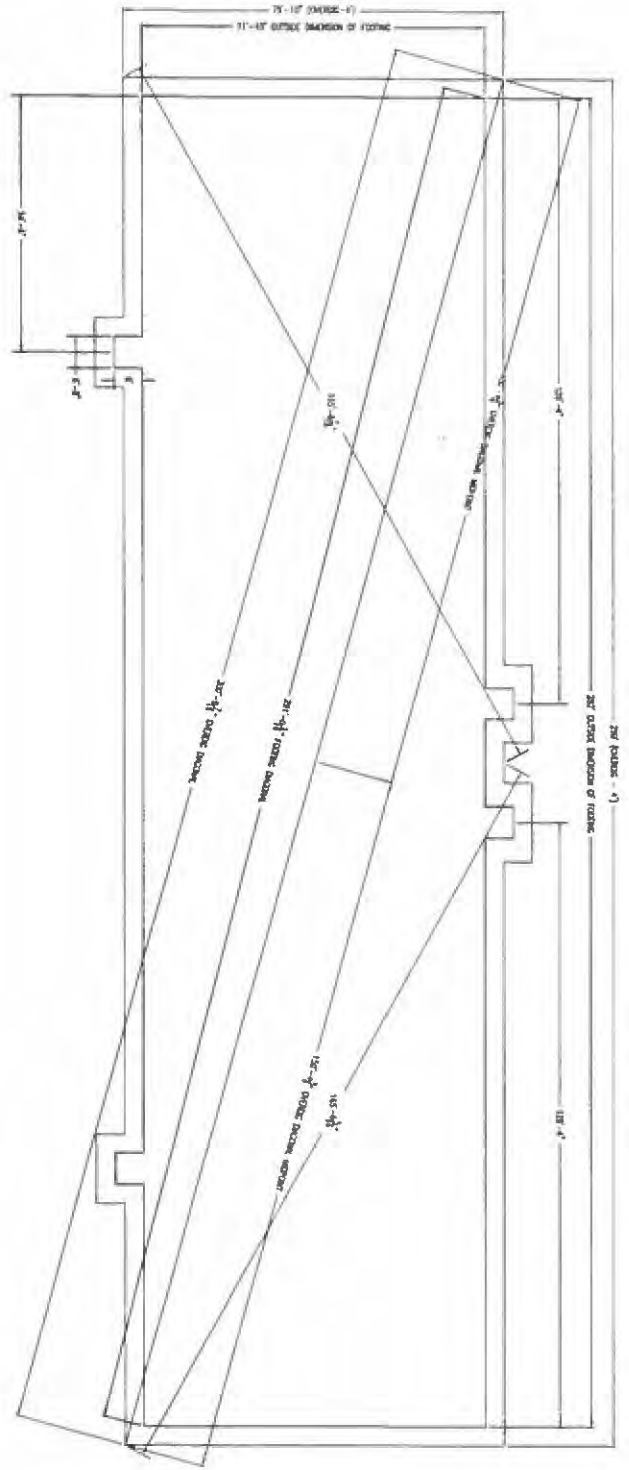
- NOTES**
1. DRAMA TUBING SHALL BE INSTALLED FOR THE ENTIRE LENGTH OF THE TUBING.
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 4. DRAMA TUBING SHALL BE INSTALLED IN A SINGLE LINE WITH A MINIMUM SPACING OF 10 FEET BETWEEN TUBES.


SCALE: VERTICAL DIMENSIONS SHALL BE CONSIDERED AS SHOWN UNLESS OTHERWISE NOTED.

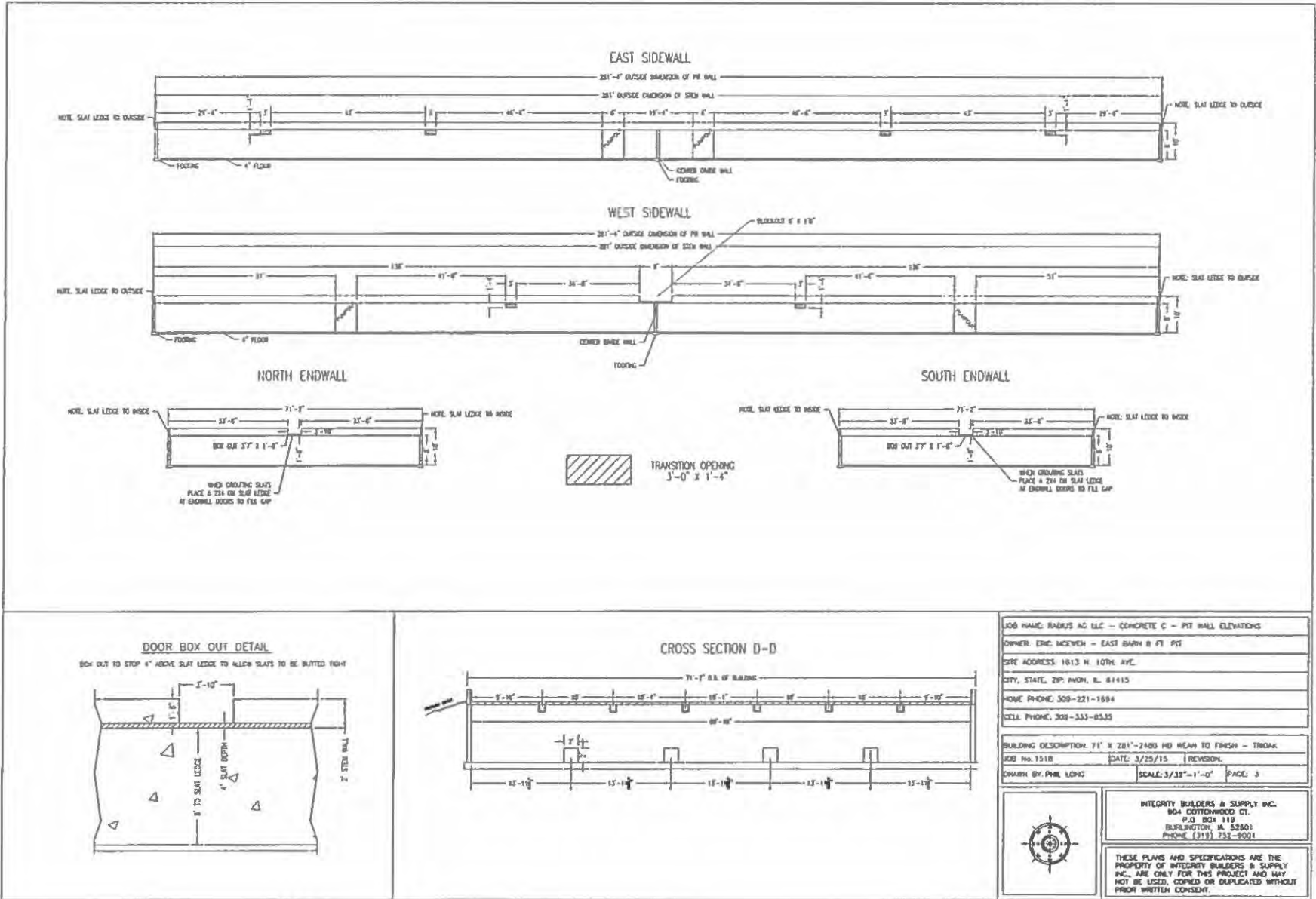
SCALE: HORIZONTAL DIMENSIONS SHALL BE CONSIDERED AS SHOWN UNLESS OTHERWISE NOTED.

SCALE: WIND DIRECTION SHALL BE CONSIDERED AS SHOWN UNLESS OTHERWISE NOTED.

SCALE: WIND DIRECTION SHALL BE CONSIDERED AS SHOWN UNLESS OTHERWISE NOTED.

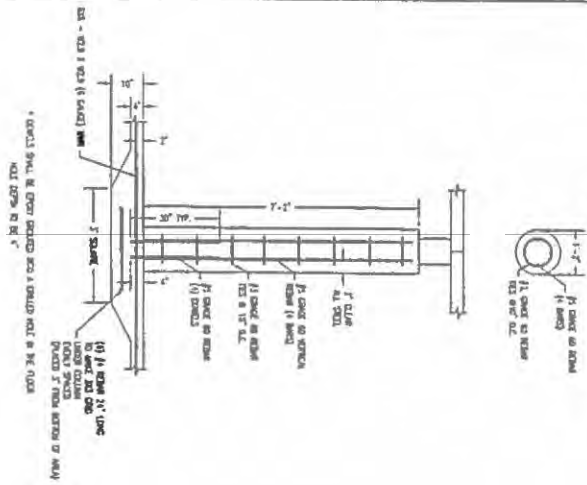


	
JOB NAME: HOUSE AT 112 - CONCRETE A - OVERBUD OWNER: DMC WOODEN - EAST BAY & FT. HT. SITE ADDRESS: 1813 N. 10TH, WIC CITY: STATE, ZIP: APOK, E. 81415 PHONE: 308-231-1884 CELL: 308-333-6633	
BUILDING OCCUPANCY: 71' x 221' - 2400 SQ. FEET TO BE BUILT IN PHASE - TRUCK JOB NO.: 1318 DATE: 3/25/15 DRAWN BY: PNL, LDW	REGION: INDIANAPOLIS SCALE: 1/32" = 1'-0" SHEET: 1
ARCHITECT: RALPH S. & SONS, INC. 504 COTTAGEWOOD CT. BIRMINGHAM, AL 35201 PHONE: (205) 723-9001	
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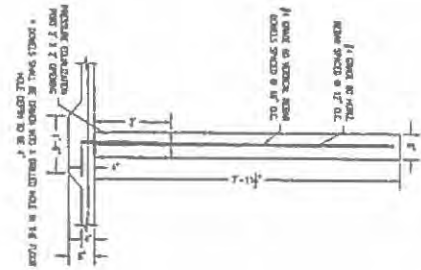


JOB NAME: RADUS AC LLC - CONCRETE C - PIT WALL ELEVATIONS	
OWNER: ERIC MCEWEN - EAST BARN B FT PVT	
SITE ADDRESS: 1613 N. 10TH AVE.	
CITY, STATE, ZIP: ANCH, AL. 91415	
HOME PHONE: 309-221-1684	
CELL PHONE: 309-333-8535	
BUILDING DESCRIPTION: 71' x 281'-2400 HD MEAN TO FINISH - TROAK	
JOB No. 1518	DATE: 3/25/15
DRAWN BY: PYR LOHZ	
SCALE: 3/32"=1'-0"	PAGE: 3
	
INTEGRITY BUILDERS & SUPPLY INC. 804 COTTONWOOD CT. P.O. BOX 119 BURLINGTON, AL. 35801 PHONE (318) 233-8001	
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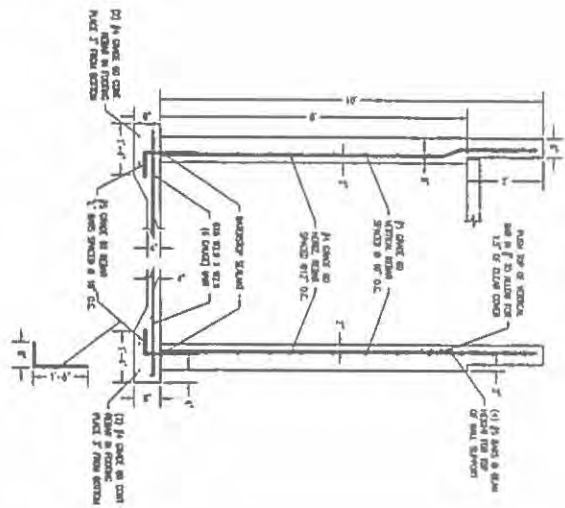
COLUMN DETAIL



CENTER DIVIDE WALL DETAIL

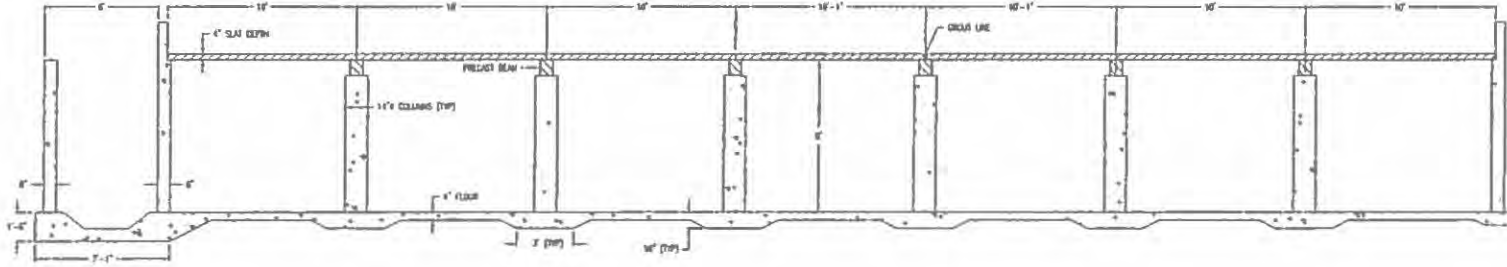


SIDEWALL & ENDWALL DETAIL

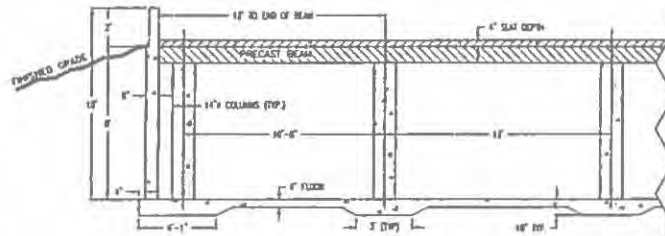


<p>JOB NAME: BURNS AC LLC - CONCRETE 0 - REBAR DETAILS OWNER: EMC MACHIN - EAST BAHK & FI, INC SITE ADDRESS: 1613 N 10TH AVE CITY: STATE STS AVE & 61415 HOME PHONE: 209-221-1884 CELL PHONE: 209-333-8333</p>	
<p>DATE: 3/25/15 DRAWN BY: P.W. LONG SCALE: 3/16"=1'-0"</p>	<p>REVISION: SHEET: 4</p>
<p>BUILDING INFORMATION: 7' x 20' x 1400' 00" REBAR TO FINISH - THRU JOB NO: 1313</p>	
<p>ENGINEER: MADDERS & SUPRYN, INC. 304 COTTAGEWOOD CT BURLINGTON, MA 01801 PHONE: (319) 757-8001</p>	
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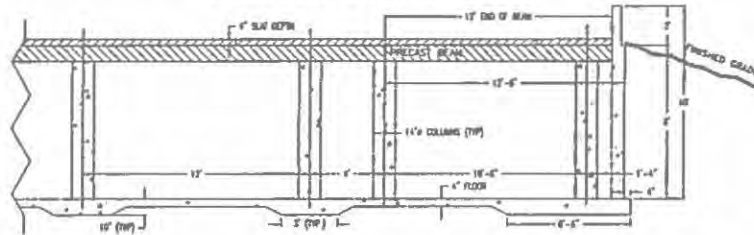
CROSS SECTION A-A






CROSS SECTION B-B




CROSS SECTION C-C

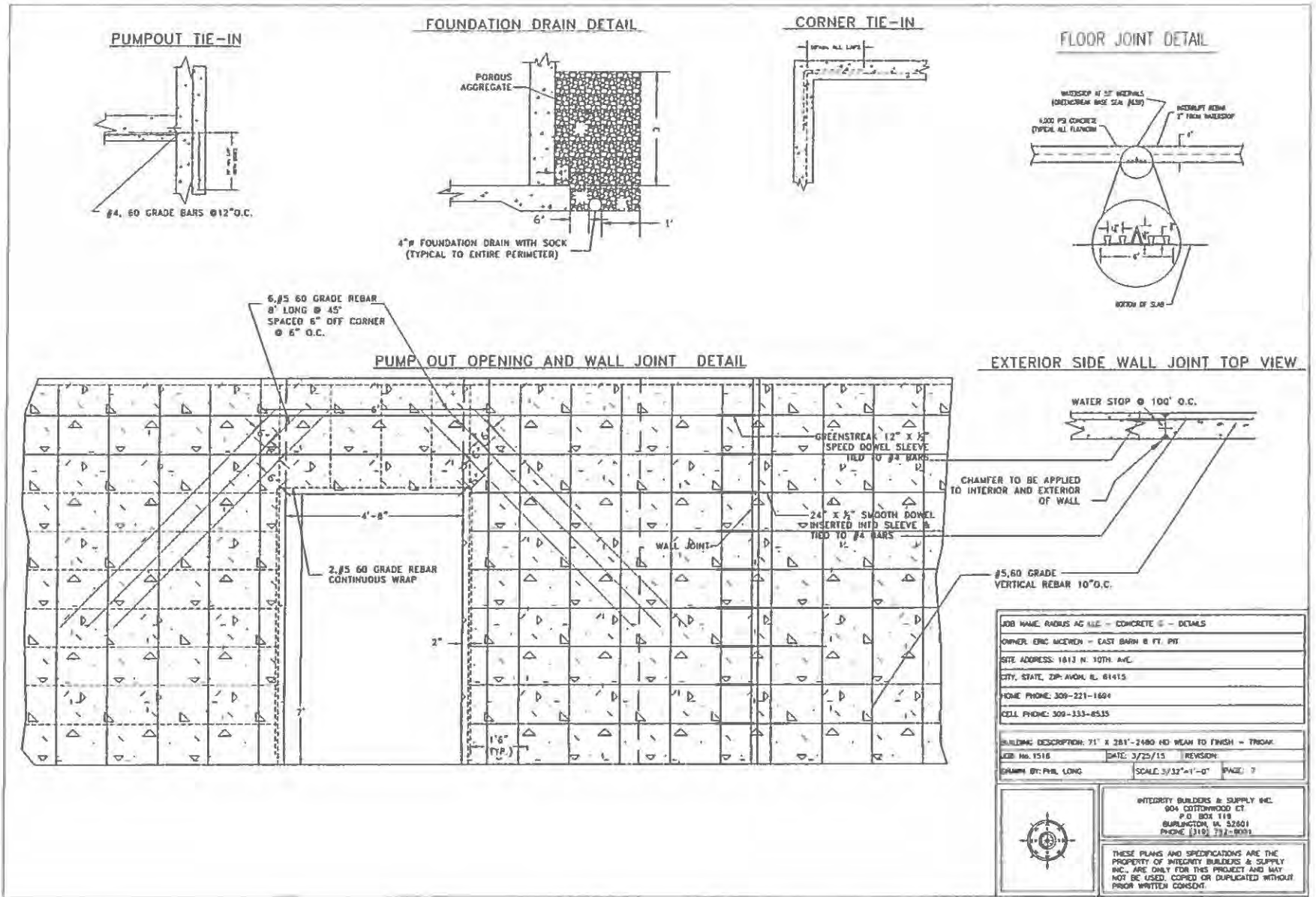


-  PRECAST SLATS
-  PRECAST BEAMS
-  CONCRETE POURED ON SITE

JOB NAME: PADJUS AG LLC - CONCRETE F - CROSS SECTIONS	
OWNER: ERIC WEDEN - EAST BAYN B PT. PIT	
SITE ADDRESS: 1613 N. 10TH AVE.	
CITY, STATE, ZIP: AMOK, IL, 61415	
HOME PHONE: 309-271-1604	
CELL PHONE: 309-333-8535	

BUILDING DESCRIPTION: 71' x 281'-2480 HD WEAR TO FINISH - TRIGAR	
JOB No. 1318	DATE: 3/25/15
DRAWN BY: PHIL LONG	
SCALE: 3/32" = 1'-0"	PAGE: 8

	INTEGRITY BUILDERS & SUPPLY INC. 804 COTTONWOOD CT. P.O. BOX 198 BURLINGTON, IA 52601 PHONE (319) 732-8001
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JOB NAME: RADUS AC LLC - CONCRETE @ - DETAILS		
OWNER: ERIC WICKEN - EAST BARN @ FT. PIT		
SITE ADDRESS: 1813 N. 30TH AVE.		
CITY, STATE, ZIP: AVON, IL 61415		
HOME PHONE: 309-221-1694		
CELL PHONE: 309-233-8535		

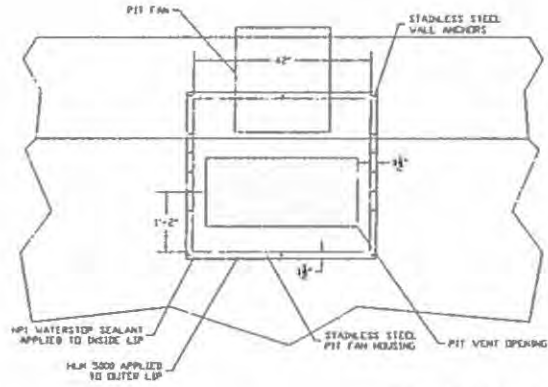
BUILDING DESCRIPTION: 71' x 281'-2480 (4) WEAK TO FINISH - TRUCK		
JOB No. 1518	DATE: 3/25/15	REVISION:
DRAWN BY: PHIL LONG	SCALE: 3/32"=1'-0"	PAGE: 7



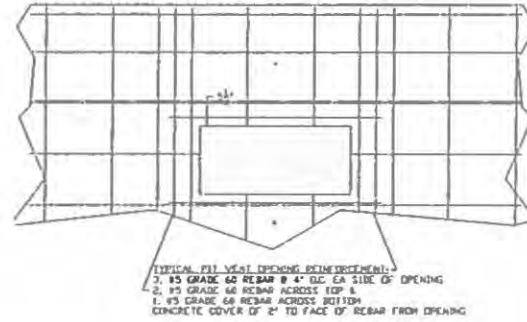
INTEGRITY BUILDERS & SUPPLY INC.
 904 COTTONWOOD CT
 P.O. BOX 118
 BURLINGTON, VA 22601
 PHONE (319) 772-8093

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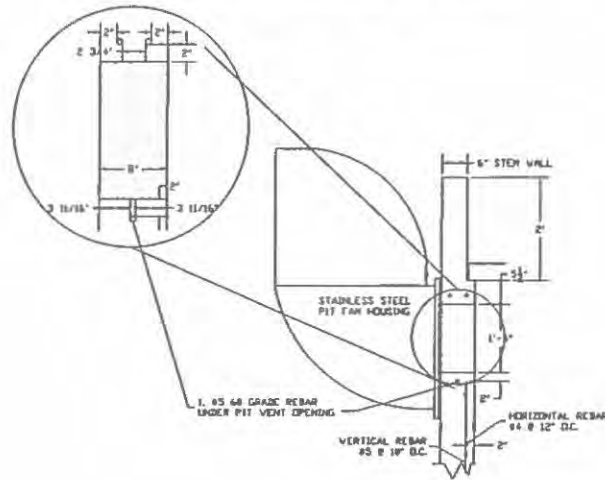
TRANSITION MOUNTING— FRONT VIEW



TRANSITION OPENING— FRONT VIEW



TRANSITION OPENING— SIDE VIEW



JOB NAME: RADUS AC LLC - CONCRETE M - TRANSITION OPENING DETAIL		
OWNER: DRG MCEWON - EAST BARN B FT. PIT		
SITE ADDRESS: 1613 N 10TH AVE.		
CITY, STATE, ZIP: AMON, IA, 51415		
PHONE: 309-221-1694		
CELL PHONE: 309-333-8535		
BUILDING DESCRIPTION: 71' x 281'-2480 HD WEAR TO FINISH - TRUCK		
DRAWN: PHL LONG	DATE: 3/25/15	REVISION:
SCALE: 3/32"=1'-0"	PAGE: 8	
	INTEGRITY BUILDERS & SUPPLY INC. 804 COTTWOOD CT. P.O. BOX 119 BURLINGTON, IA 52601 PHONE (319) 752-8001	
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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 January 3, 2017, the attached **APPEARANCE** and **RECOMMENDATION OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**, upon the following persons by causing to be mailed a true copy thereof in an envelope duly addressed, bearing proper first class postage, and deposited in the United States mail at Springfield, Illinois:

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

Ed McEwen
23265 N. 2200th Road
Prairie City, Illinois 61470

[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/ Michael S. Roubitsek
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)

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