

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Humphrey Farms)
(Property Identification Number) **PCB 20-**
07-02-35-300-002)) **(Tax Certification)**
)

NOTICE

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**, copies of which are herewith served upon you.


Humphrey Farms
1556 Route 52
Dixon, Illinois 61021

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

Copies also provided electronically as follows:

Illinois Department of Revenue
via email at REV.PropTaxApp@illinois.gov
101 West Jefferson
Springfield, Illinois 62794

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: 

Jacob H. Smith
Assistant Counsel
Division of Legal Counsel

DATED: March 3, 2020

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

Humphrey Farms

(Property Identification Number

07-02-35-300-002)

)

) **PCB 20-**

) **(Tax Certification)**

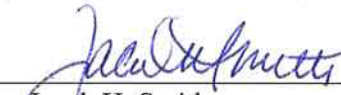
)

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: _____



Jacob H. Smith

Assistant Counsel

Division of Legal Counsel

DATED: March 3, 2020

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

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BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Humphrey Farms)
(Property Identification Number) **PCB 20-**
07-02-35-300-002)) **(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 November 18, 2019, the Illinois EPA received a request from Rick Humphrey of Humphrey Farms (log number TC-142000, 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: Humphrey Farms
1843 Mt. Union Road
Dixon, IL 61021

The proposed water pollution control facility in this request is located in the SW ¼ of Section 35, T22N, R9E of the 4th P.M. in Lee County, at the above street address and consist of the following facilities:

One (1) steel reinforced concrete livestock waste pit measuring 173 ft. (length) x 101.83 ft. (width) x 8 ft. (depth) including eight (8) external reinforced concrete pump out pits each measuring approximately 6 ft. (length) x 6 ft. (width) x 8.83 ft. (depth), all reinforced concrete divider walls, columns, precast concrete floor beams, plastic floor slats, and approximately 620 linear feet of 4 inch diameter PVC perimeter drain pipe that are shown in the construction plans describing the facility that was provided with the application.

These livestock waste management facilities are used to collect, transport, and/or store livestock waste prior to cropland application, and is further described in Exhibit A.

3. Section 11-10 of the Property Tax Code, 35 ILCS 200/11-10 (2018), 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 (2018), 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 is 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: 
Jacob H. Smith
Assistant Counsel
Division of Legal Counsel

Dated: March 3, 2020

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



Memorandum

To: Charles Gunnarson, Division of Legal Counsel

From: Darin E. LeCrone P.E., Manager, Industrial Unit, Permit Section

DEL

Date: February 19, 2020

Re: Humphrey Farms - Dixon
Recommendation of Tax Certification
Log # TC-142000
BOW ID # W1038060023
Property Identification # 07-02-35-300-002

The Bureau of Water received a request on November 18, 2019 from Rick Humphrey - Humphrey Farms 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:

Humphrey Farms
1843 Mt. Union Road
Dixon, IL 61021

SW 1/4 of Section 35, Township 22-North, Range 9-East of the East 4th PM in Lee County.

Livestock waste management facilities consisting of:

One (1) steel reinforced concrete livestock waste pit measuring 173 ft. (length) x 101.83 ft. (width) x 8 ft. (depth) including eight (8) external reinforced concrete pump out pits each measuring approximately 6 ft. (length) x 6 ft. (width) x 8.83 ft. (depth), all reinforced concrete divider walls, columns, precast concrete floor beams, plastic floor slats, and approximately 620 linear feet of 4 inch diameter PVC perimeter drain pipe that are shown in the construction plans describing the facility that was provided with the application.

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 Darren Gove at 217/782-0610.

Illinois EPA - Bureau of Water - Division of Pollution Control

Title 35 Subtitle A Part 125 Tax Certifications

Illinois EPA Review Notes for:

Agency Recommendation of Pollution Control Facilities.

BOW ID #: W1038060023

Project Name: Humphrey Farms

Pollution Control Facility Type:

Swine Livestock Waste Management Facility

Date application received: 11/18/2019

Property ID: 07-02-35-300-002

Reviewer: DRG

Applicant: Rick Humphrey - Humphrey Farms

1556 Route 52

Log number: TC-142000

Dixon, IL 61021

Legal Description:

SW 1/4 of Section 35 Twp: 22-North Range: 9-
East PM: East 4th

Facility: Humphrey Farms

1843 Mt. Union Road

Dixon, IL 61021

County: Lee

Date Control Devices installed: 10-1-2018

Facility Contact:

Application Signature by: Rick Humphrey

Phone: _815-716-0193

Title: Owner

Contents of Application: standard 3 page form-signed and completed, 9 sheets of construction diagrams, alternative design statements with schematic.

Is there a pollutant control flow diagram? **Yes roughly sketched on form page two under PCF information, but is sufficient.**

Is there sufficient diagrams showing the pollution control facilities? **Yes**

This facility generates the following pollutants and prevents their discharge as indicated:

Livestock waste is collected and land applied to cropland.

Physical description of pollution control facilities that ARE recommended:

Livestock waste management facilities consisting of:

One (1) steel reinforced concrete livestock waste pit measuring 173 ft. (length) x 101.83 ft. (width) x 8 ft. (depth) including eight (8) external reinforced concrete pump out pits each measuring approximately 6 ft. (length) x 6 ft. (width) x 8.83 ft. (depth), all reinforced concrete divider walls, columns, precast concrete floor beams, plastic floor slats, and approximately 620 linear feet of 4 inch diameter PVC perimeter drain pipe that are shown in the construction plans describing the facility that was provided with the application.

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

Gove, Darren

From: Rick Humphrey <rhumphrey2001@yahoo.com>
Sent: Tuesday, February 4, 2020 3:49 PM
To: Gove, Darren
Subject: [External] Humphrey Nursery Pollution control facility map
Attachments: Humphrey Nursery.png

Try Again. Don't think last version was readable.

Thanks

Rick Humphrey

DRG



Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Application for Certification (Property Tax Treatment) Pollution Control Facility

FOR AGENCY USE ONLY	
File Number: _____	Date Rec'd: _____
Certification Number: _____	Date: _____

Facility Type (check one): Air Water

This form is to be used for any application for certification of property tax treatment for a pollution control facility for air or water from the Illinois EPA. Separate applications must be completed for each control facility claimed. Do not mix types (air and water). Where both air and water operations are related, file two applications.

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

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

RECEIVED
NOV 18 2019

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

IEPA
BOW/WPC/PERMIT SECTION

I. Applicant Information:

Company Name: Rick Humphrey - Humphrey Farms
 Person Authorized to Receive Certification: Rick Humphrey Person to Contact for Additional Details: _____
 Street Address: 1556 RT 52 Street Address: SAME
 City: DIXON State: IL City: _____ State: _____
 Zip: 61021 Phone: 815-716-0193 Zip: _____ Phone: _____
 Email Address: rhumphrey2001@yahoo.com Email Address: _____

II. Facility Information:

Facility Location: Quarter Section: 35 Township: DIXON (N) Range: R9E
 Municipality: _____ Township: DIXON

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

Address: 1843 MT. Union RD City: DIXON
 State: IL Zip Code: 61021 County: Lee Book Number: _____

Property Index Number: 07-02-35-300-002

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 Nursery confinement. 4800 Head capacity BABY PIGS WEAN-GROWER

Permit Information:

WPC Construction Permit Number: N/A Date Issued: _____
 NPDES Permit Number: N/A Date Issued: _____ Exp. Date: _____
 APC Construction Permit Number: N/A Date Issued: _____
 APC Operating Permit Number: N/A Date Issued: _____ Exp. Date: _____

Note: Submit copies of all relevant permits issued by local pollution control agencies. (e.g. MSD Construction Permit)

This Agency is authorized to request this information under 415 ILCS 5/4(b)(2012). Disclosure of this information is voluntary and no penalties will result from the failure to provide the information. However, the absence of the information could prevent your application from being processed or could result in denial of your application.

Manufacturing Process Information:

Please provide information on the manufacturing process and materials on which pollution control facility is used, including each major piece of equipment associated with the pollution control facility (or low sulfur dioxide emission coal fueled device).
Description of the Process:

N/A

Materials Used in the Process:


N/A

Pollution Control Facility Information:

Please provide a narrative description of the pollution control facility (or low sulfur dioxide emission coal fueled device), and an explanation of why its primary purpose is to eliminate, prevent or reduce pollution. State the type of control facility, as well as a narrative description and a process flow diagram describing the pollution control facility. Include an average analysis of the influent and effluent of the control facility stating the collection efficiency, if applicable.

Describe the Pollution Control Facility (or Low Sulfur Dioxide Emission Coal Fueled Device):

SLATED FLOOR Containment Building. 173' X 101'10" X 8' Deep STORAGE



SLATS ARE PLASTIC CONSTRUCTED SITTING ON CONCRETE BEAMS. STORAGE IS FULLY CONTAINED CONCRETE WALLS/FLOOR

Describe the Primary Purpose of the Pollution Control Facility (or Low Sulfur Dioxide Emission Coal Fueled Device):

FACILITY PROVIDES WASTE STORAGE FOR THE MANURE LADEN WASTEWATER UNTIL THE WASTE CAN BE APPLIED AT APPROPRIATE AGRONOMIC RATES.

Identify the statute or regulation (federal or state), or local ordinance, if any, requiring the installation of the subject pollution control facility (or low sulfur dioxide emission coal fueled device).

Livestock Management Facilities Act, The Natural Resources Conservation Service Agency Waste Storage Facility Practice Code (317) we meet regarding pollution control devices that are installed

Nature of Contaminants or Pollutants:

List air contaminants or water pollution substances released as effluents to the manufacturing processes. Also list the final disposal of any contaminants removed from the manufacturing processes.

Contaminant or Pollutant	Material Retained, Captured or Recovered	
	Description	Disposal or Use
Swine Manure	Liquid/Semi Solids	LAND Applied - Agronomic Rates
WASH WASTEWATER	Liquid	LAND Applied Agronomic Rates

Note: Contaminant or pollutant means that which is removed from the process by the pollution control facility.

Point(s) of Waste Water Discharge:

Identify the location of the discharge to the receiving stream. This will typically refer to a source of water pollution but can include water-carried wastes from air pollution control facilities.

Plans and Specifications Attached Yes No

Submit Drawings, which clearly show:

- (a) Point(s) of discharge to receiving stream; and
- (b) Sewers and process piping to and from the control facility.

Are contaminants (or residues) collected by the control facility? Yes No

Note: If the collected contaminants are disposed of other than as wastes, state the disposition of the materials, and the value dollars reclaimed by the sale or reuse of the collected substances. State the cost of reclamation and related expense.

Project Status:

Date Installation Completed: 10-1-2018

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

10/30/2018

Status of installation on date of application:

Completed / operational

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))

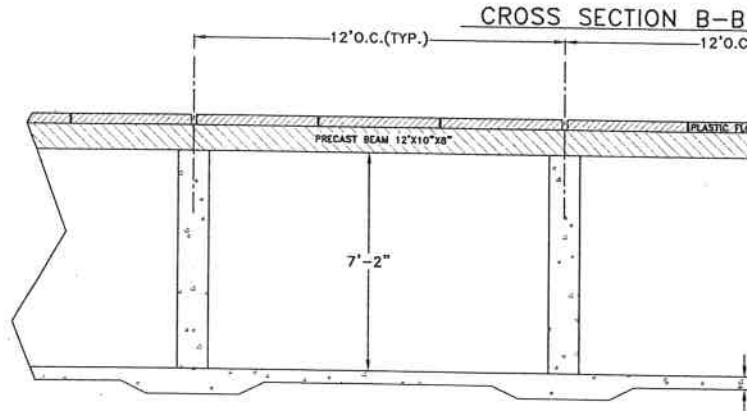
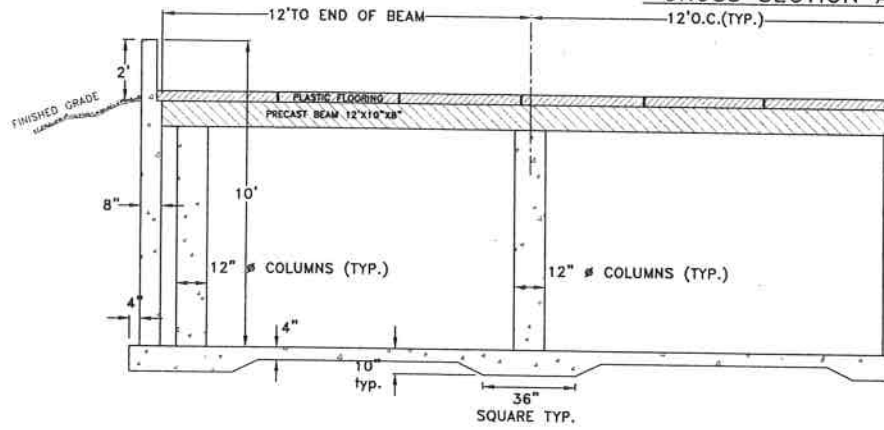
<u>Rick Humphrey</u> Printed Name:	<u>owner</u> Title:
---------------------------------------	------------------------




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


<u>[Signature]</u> Signature:	<u>10/30/2019</u> Date:
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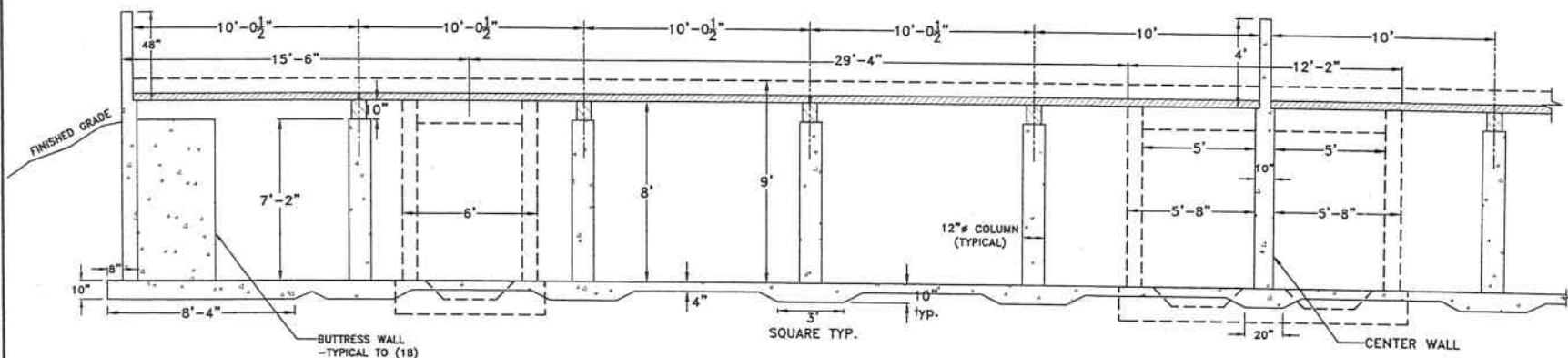
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IEPA
BOW/WPC/PERMIT SECTION

ATTACHMENT A
CONSTRUCTION PLANS

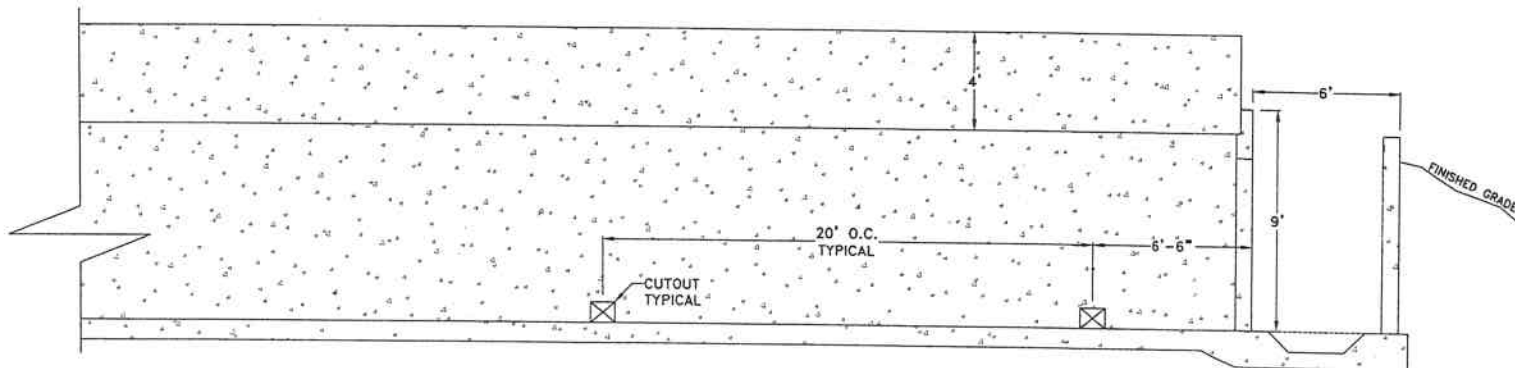





-  PLASTIC FLOORING
-  PRECAST BEAMS
-  CONCRETE POURED ON SITE

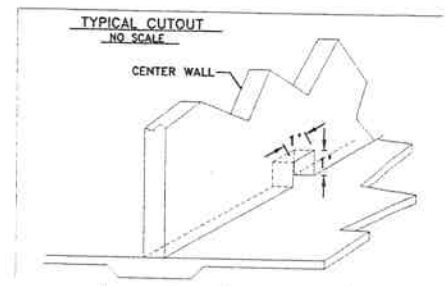
	Frank & West Environmental Engineers, Inc. 1032 S. 2nd Street Springfield, IL 62704 Phone: 217/679-7361 Fax: 217/679-8362	RICK HUMPHREY	CROSS SECTIONS A-A & B-B DRAWN BY: CEO
	CROSS SECTIONS A-A & B-B		



CROSS SECTION D-D



-  PLASTIC FLOORING
-  PRECAST BEAMS
-  CONCRETE POURED ON SITE



Frank & West
 Environmental Engineers, Inc.
 1032 S. 2nd Street
 Springfield, IL 62704
 Phone: 217/679-7361
 Fax: 217/679-8362

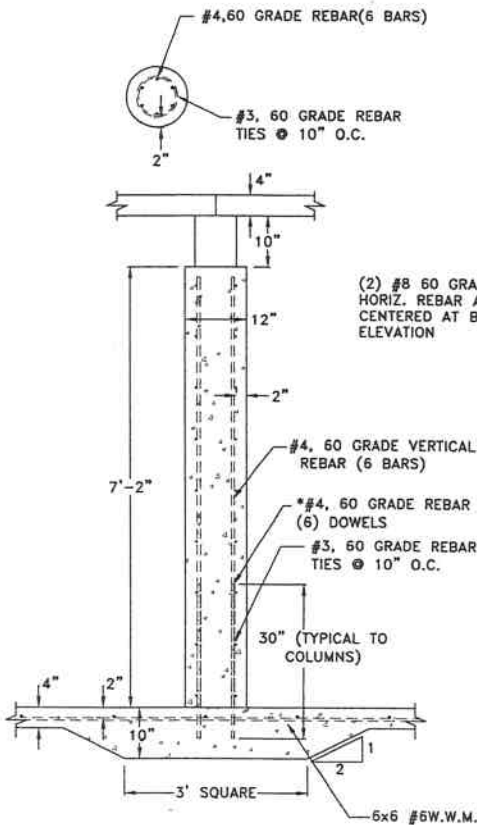
RICK HUMPHREY
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SCALE: AS SHOWN DATE: 04/02/18 REVISED ON: 05/24/18 DRAWING NO. 18-12803

Electronic Filing: Received, Clerk's Office 03/03/2020 **PCB 2020-057**

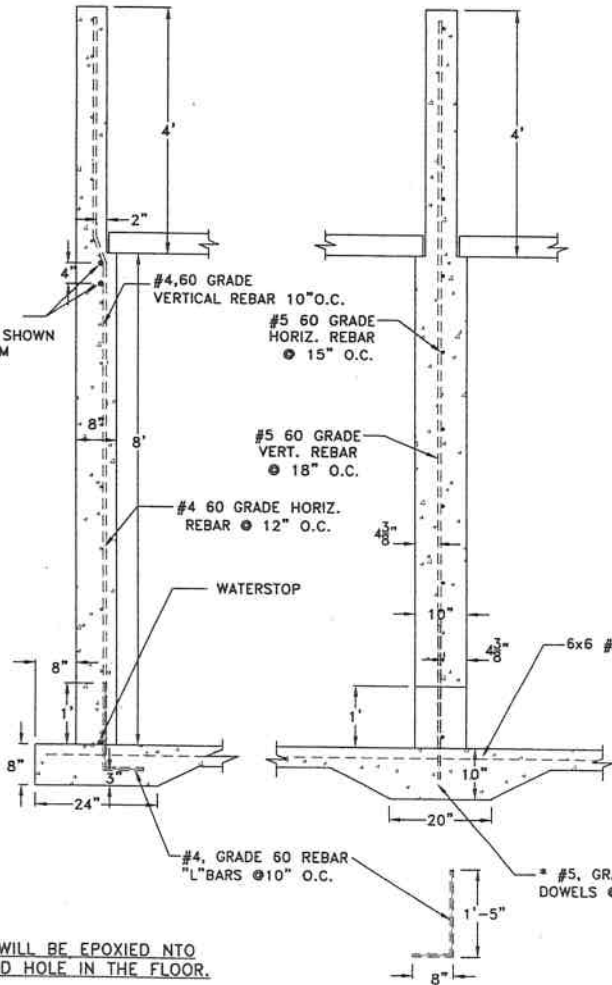
COLUMN DETAIL



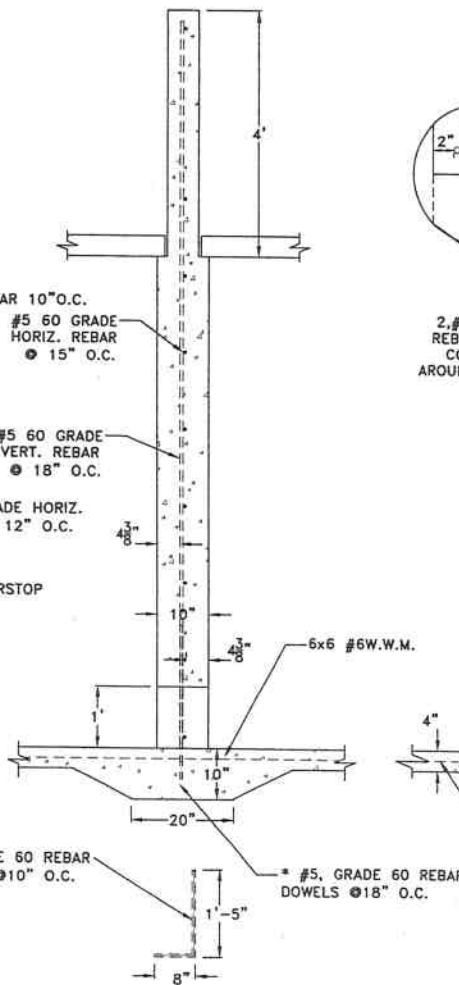
(2) #8 60 GRADE HORIZ. REBAR AS SHOWN CENTERED AT BEAM ELEVATION

* DOWELS WILL BE EPOXIED NTO A DRILLED HOLE IN THE FLOOR.

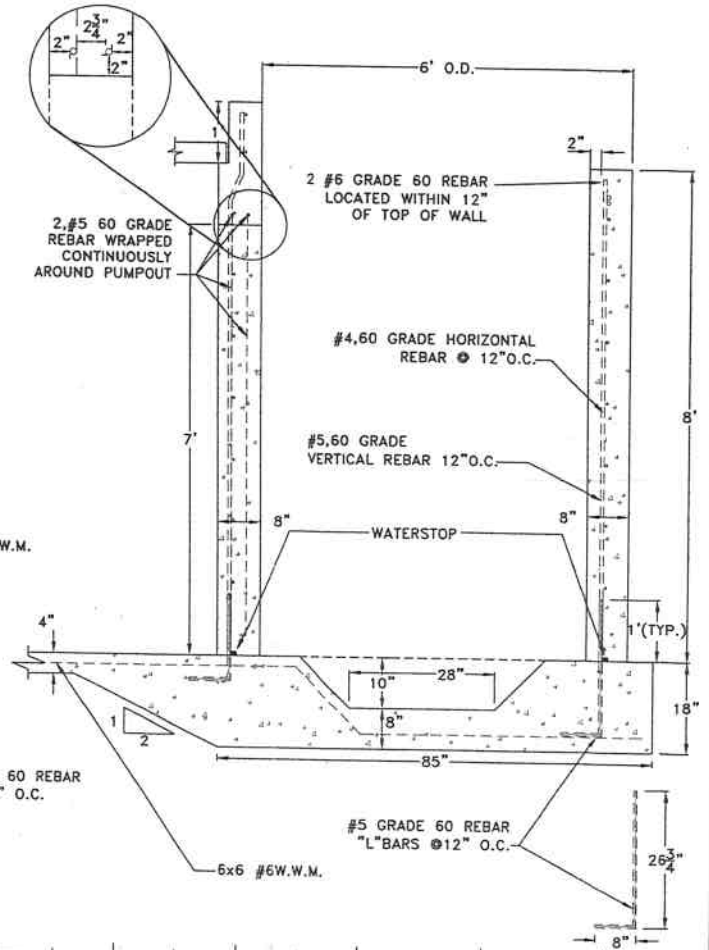
EXTERIOR SIDE WALL DETAIL



INTERIOR PARTITION WALL DETAIL



TYPICAL PUMPOUT DETAIL SIDE VIEW



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1032 S. 2nd Street
Springfield, IL 62704
Phone: 217/679-7361
Fax: 217/679-8362

RICK HUMPHREY

DETAIL SHEET #1

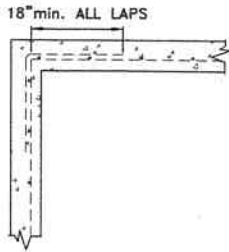
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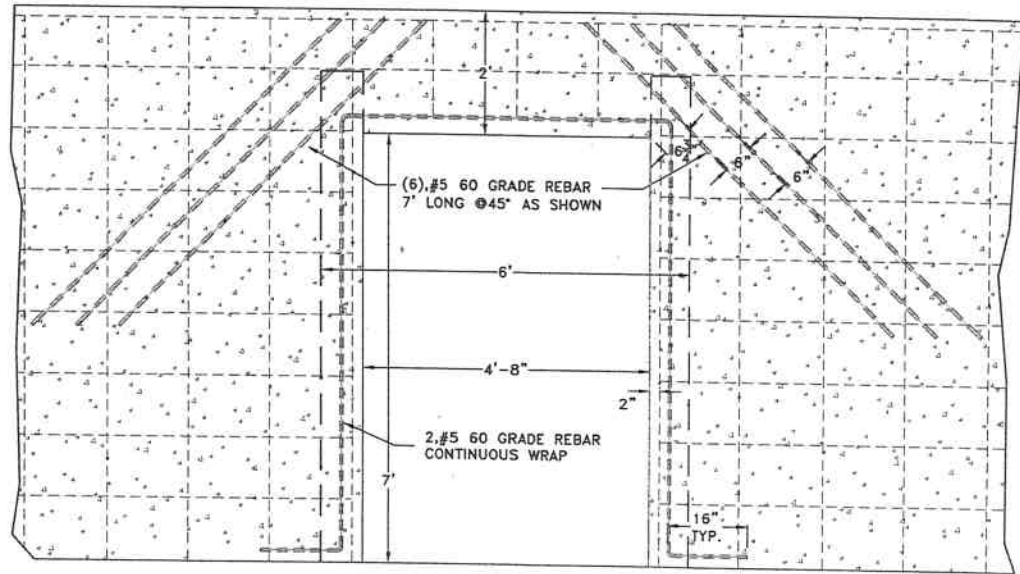
SCALE: AS SHOWN DATE: 04/02/18 REVISED ON: 05/24/18 DRAWING NO. 18-12804

Electronic Filing: Received, Clerk's Office 03/03/2020 **PCB 2020-057**

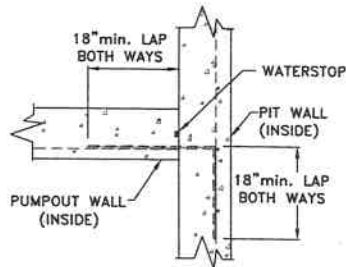
CORNER TIE-IN



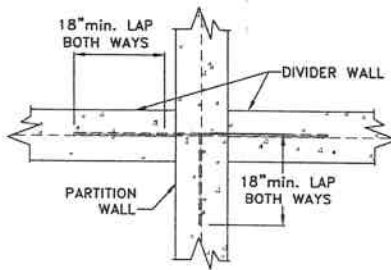
SINGLE PUMPOUT OPENING DETAIL
FACE VIEW



PUMPOUT TIE-IN PLAN VIEW



PARTITION TO DIVIDER WALL
TIE-IN PLAN VIEW



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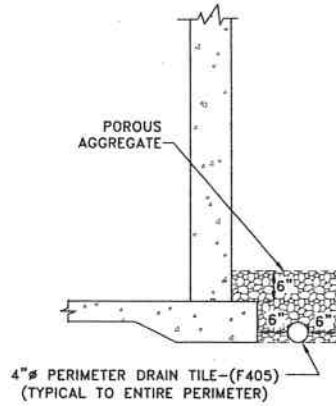
RICK HUMPHREY

DETAIL SHEET #2

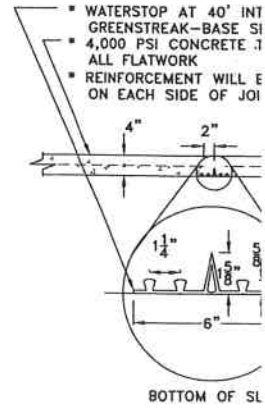
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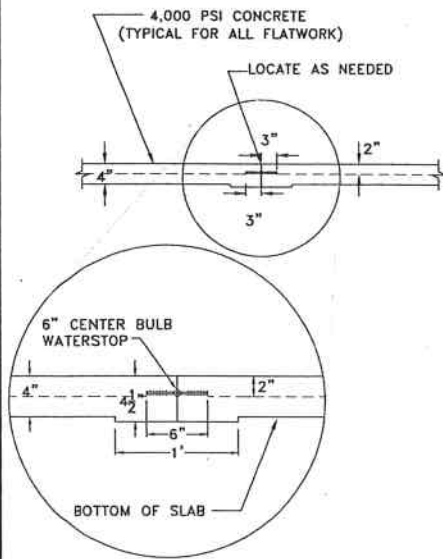
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FLOOR CONTROL



FLOOR CONSTRUCTION JOINT



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Environmental Engineers, Inc.

1032 S. 2nd Street
Springfield, IL 62704

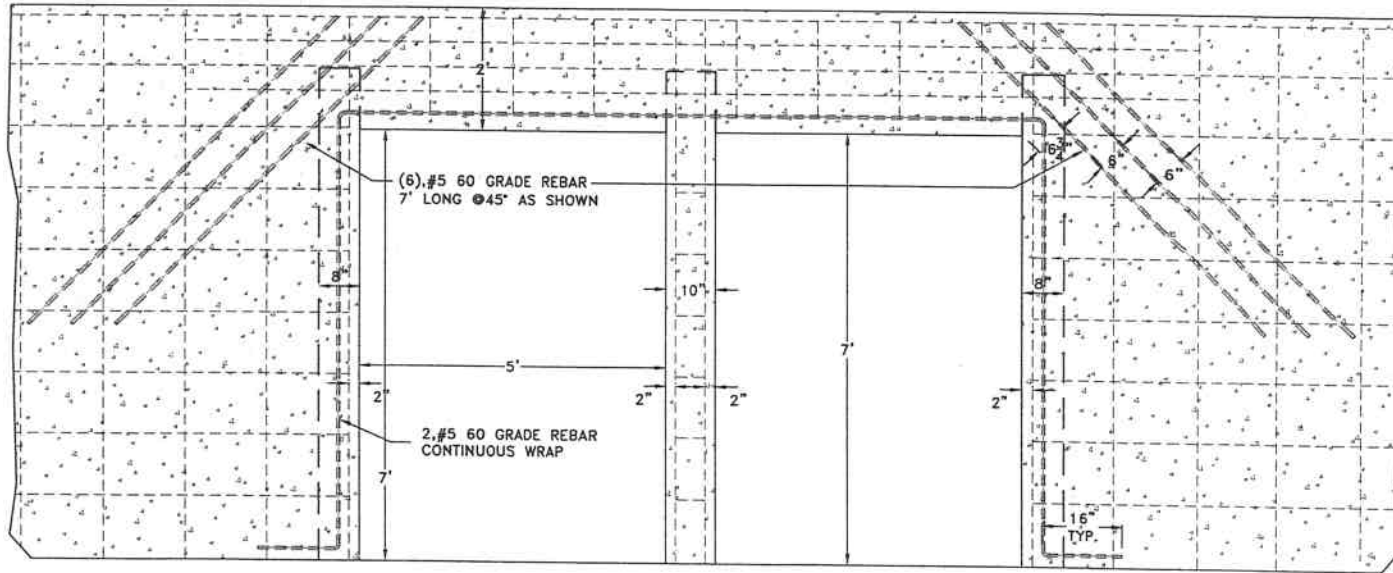
Phone: 217/879-7361
Fax: 217/879-8362

RICK HUMPHREY

DETAIL SHEET #3

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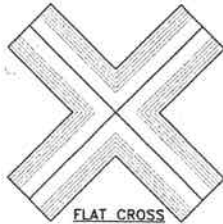
**DOUBLE PUMPOUT OPENING DETAIL
FACE VIEW**



BASE SEAL & CENTER BULB WATERSTOP WELD DETAIL

(NO SCALE)

-APPLIES TO NO OTHER WATERSTOP TYPES



SPLICE FABRICATION:

- 1.) PROVIDE FACTORY FABRICATED WATERSTOP CORNERS AND TRANSITIONS LEAVING ONLY STRAIGHT BUTT JOINT SPLICES FOR FIELD FABRICATION, UNLESS SPECIFICALLY APPROVED IN WRITING BY THE MANUFACTURER AND PERFORMED IN ACCORDANCE WITH THEIR SPECIFICATIONS.
- 2.) USE ONLY A SPLICING IRON SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR HEAT FUSED WELDING OF ALL SPLICES.
- 3.) WELDS ARE TO EXHIBIT A CONTINUOUS BEAD OF EXCESS MELTED MATERIAL, FREE OF DEFECTS.
- 4.) SPLICES ARE TO BE HEAT WELDED WITH THE CENTER BULB AND RIBS ALIGNED.
- 5.) ADHESIVES, SOLVENTS, LAP JOINTS, AND EDGE WELDING ARE NOT ACCEPTABLE.
- 6.) EMBEDDED WATERSTOPS MAY NOT BE WELDED OR JOINED TO OTHER WATERSTOPS OF DIFFERENT SIZE, CONFIGURATION, OR MATERIAL.
- 7.) ALL SPLICE FABRICATIONS SHALL BE PERFORMED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS

Frank & West
Environmental Engineers, Inc.
1032 S. 2nd Street
Springfield, IL 62704
Phone: 217/679-7361
Fax: 217/679-8362

RICK HUMPHREY

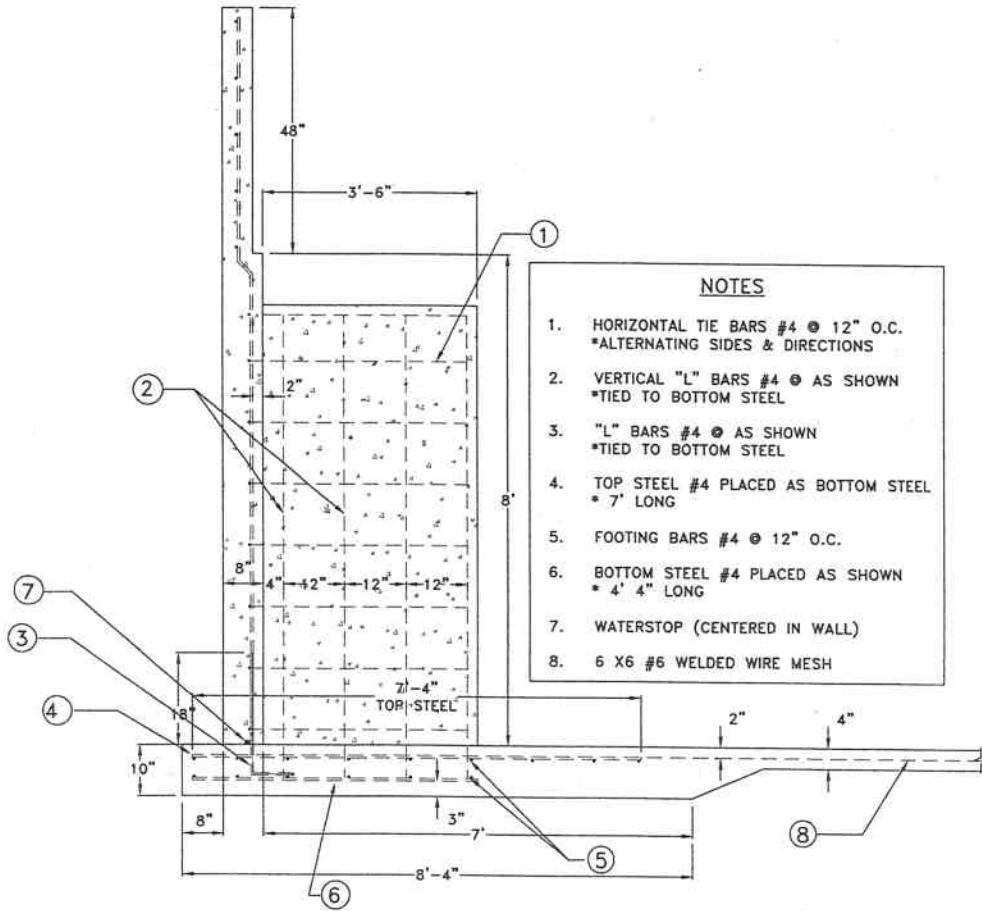
DETAIL SHEET #4

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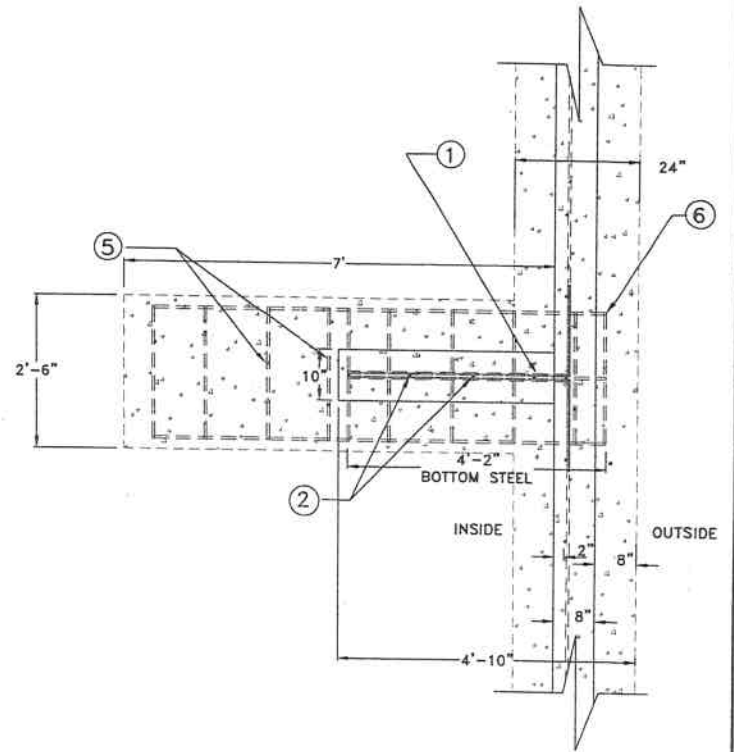
SCALE: AS SHOWN | DATE: 04/02/18 | REVISED ON: XX/XX/XX | DRAWING NO. 18-12804

WALL DETAIL AT BUTTRESS
SIDE VIEW



- NOTES**
1. HORIZONTAL TIE BARS #4 @ 12" O.C.
*ALTERNATING SIDES & DIRECTIONS
 2. VERTICAL "L" BARS #4 @ AS SHOWN
*TIED TO BOTTOM STEEL
 3. "L" BARS #4 @ AS SHOWN
*TIED TO BOTTOM STEEL
 4. TOP STEEL #4 PLACED AS BOTTOM STEEL
* 7' LONG
 5. FOOTING BARS #4 @ 12" O.C.
 6. BOTTOM STEEL #4 PLACED AS SHOWN
* 4' 4" LONG
 7. WATERSTOP (CENTERED IN WALL)
 8. 6 X 6 #6 WELDED WIRE MESH

BUTRESS WALL
TOP VIEW



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Environmental Engineers, Inc.
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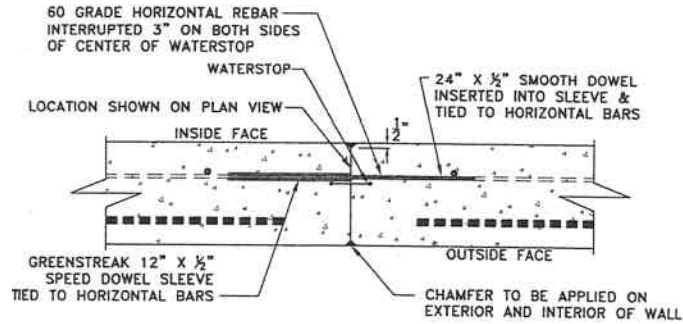
RICK HUMPHREY
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DRAWN BY: CEO

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SCALE: AS SHOWN DATE: 04/02/18 REVISED ON: 05/24/18 DRAWING NO. 18-12804

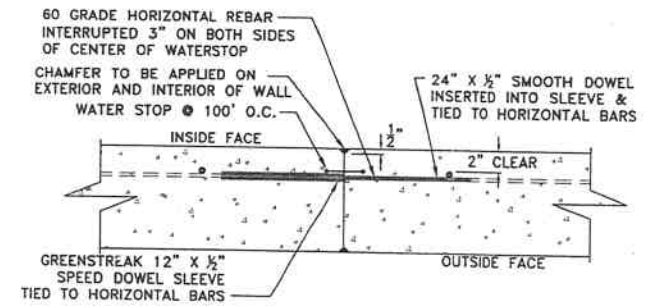
ENDWALL JOINT TOP VIEW

(NO SCALE)



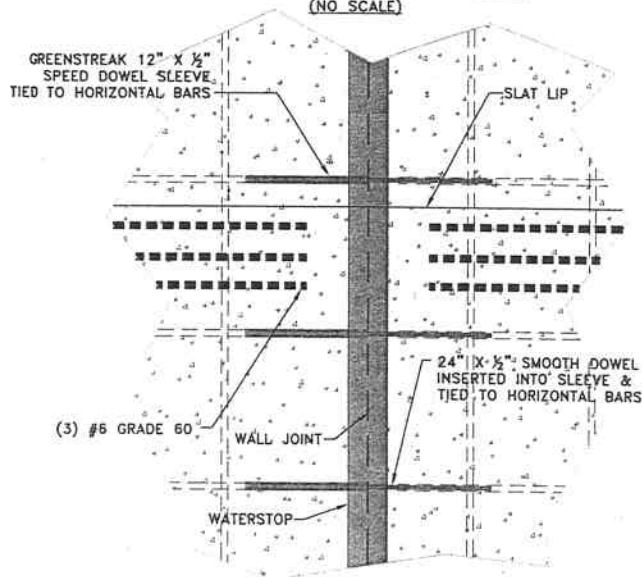
SIDEWALL JOINT TOP VIEW

(NO SCALE)



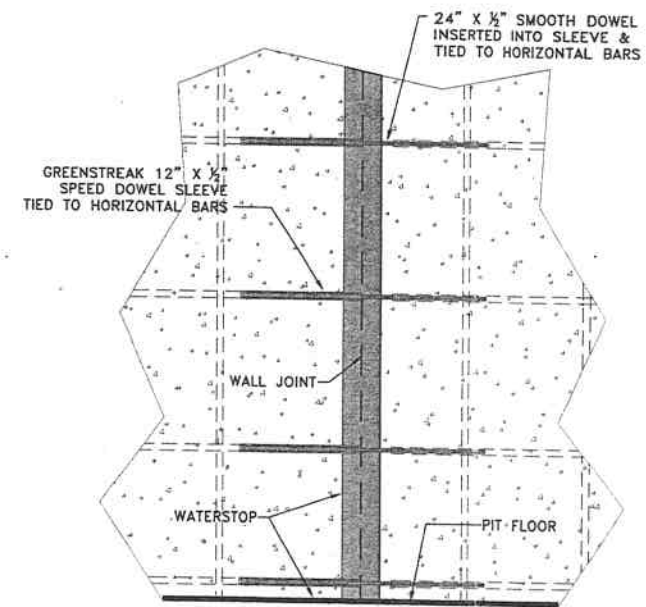
ENDWALL JOINT SIDE VIEW

(NO SCALE)



SIDEWALL JOINT SIDE VIEW

(NO SCALE)



2'



Frank & West
Environmental Engineers, Inc.

1032 S. 2nd Street
Springfield, IL 62704

Phone: 217/679-7361
Fax: 217/679-8362

RICK HUMPHREY

DETAIL SHEET #6

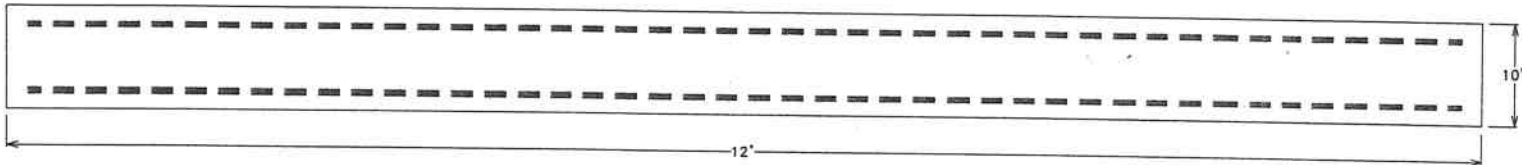
DRAWN BY: CEO

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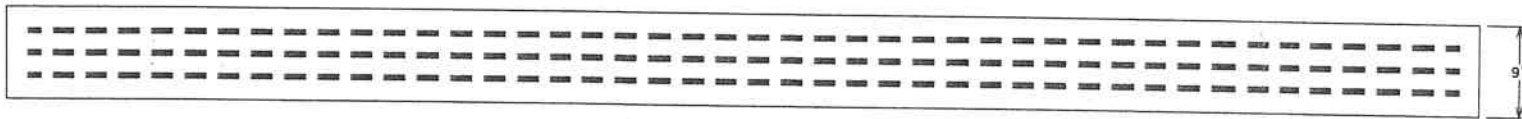
SCALE: AS SHOWN DATE: 04/02/18 REVISED ON: 05/24/18 DRAWING NO. 15-2020-057

Electronic Filing: Received, Clerk's Office 03/03/2020 **PCB 2020-057**

SIDE VIEW



TOP VIEW



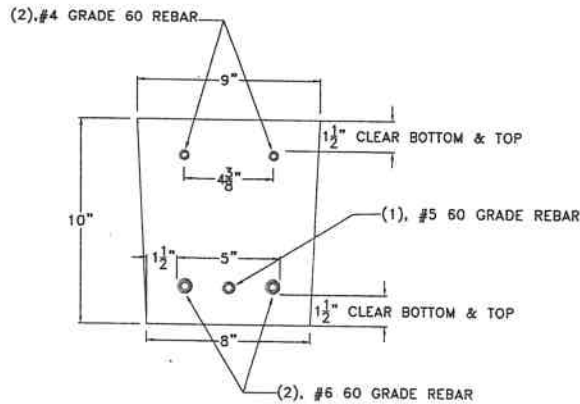
END VIEW

DIMENSIONS AND REINFORCING

NO SCALE

NOTES:

1. BOTTOM LAYER = 2-#6 BARS
1-#5 BAR
2. TOP LAYER = 2-#4 BARS
3. STIRRUPS = NONE REQUIRED $\phi V_c > V_u$ FOR FINISHER PIGS AND BEAM $\leq 10"$ DEEP
4. ALL GRADE 60: $F_y = 60,000$ psi
5. CONCRETE IS $f'_c = 5000$ psi $\phi 28$ DAYS
6. LOADING:
DEAD = 428.5 plf (SELF WT. + SLATS)
LIVE = 575 plf (FINISHER PIGS)
(SEE ASAE EP.378.3)
7. ALL CONCRETE AND REBAR PLACEMENT SHALL CONFORM TO ACI 318-02
8. 3" MIN. BEARING LENGTH AT EACH END OF BEAM BELOW ENTIRE WIDTH OF BEAM



Frank & West
Environmental Engineers, Inc.

1032 S. 2nd Street
Springfield, IL 62704

Phone: 217/679-7361
Fax: 217/679-8362

HOG SLAT INC.
RICK HUMPHREY

DETAIL SHEET - 12' BEAM (REGULAR)

DRAWN BY: CEO

THE CONTRACTOR/BUILDER SHALL
VERIFY ALL DIMENSIONS AND REPORT
ANY DISCREPANCIES TO THE DESIGNER
IMMEDIATELY

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SCALE: AS SHOWN DATE: 08/11/16

REVISED ON: 04/16/18

DRAWING NO.: 01-13802R

ATTACHMENT B
ALTERNATIVE DESIGN STATEMENTS



Frank & West
Environmental Engineers, Inc.

PROFESSIONAL ENGINEER CERTIFICATION FORM

for

ALTERNATIVE DESIGN

I certify that the design of the connection dowels for the interior walls, including the location and placement of the connection dowels to the structure floor, is at least as protective of the groundwater, surface water, and the structural integrity of the livestock waste management facility as the stated requirements of the *Livestock Management Facilities Act* and MidWest Plan Service (MWPS-36) *Concrete Manure Storages Handbook*.

Professional Engineer

P.E. Seal

Name: Chris J. West

Firm: Frank & West, Inc.

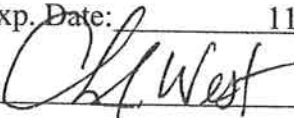
Address: 1032 S. 2nd St.

Springfield, IL 62704

Phone: (217) 679-7361

IL Registration No.: 062-57229

License Exp. Date: 11/30/2019

Signature: 

Date: May 24, 2018





Frank & West
Environmental Engineers, Inc.

PROFESSIONAL ENGINEER CERTIFICATION FORM

for

ALTERNATIVE DESIGN

I certify that the design of the buttress walls of the proposed structure, is at least as protective of the groundwater, surface water, and the structural integrity of the livestock waste management facility as the stated requirements of the *Livestock Management Facilities Act* and MidWest Plan Service (MWPS-36) *Concrete Manure Storages Handbook*.

Professional Engineer

P.E. Seal

Name: Chris J. West

Firm: Frank & West, Inc.

Address: 1032 S. 2nd St.

Springfield, IL 62704

Phone: (217) 679-7361

IL Registration No.: 062-57229

License Exp. Date: 11/30/2019

Signature: *Chris J. West*

Date: May 24, 2018





Frank & West
Environmental Engineers, Inc.

PROFESSIONAL ENGINEER CERTIFICATION FORM

for

ALTERNATIVE DESIGN OF PRECAST CONCRETE BEAMS

I certify that the design of the precast concrete beams manufactured by Hog Slat, Inc. for the Rick Humphrey facility, including reinforcement placement as detailed in the attached Frank & West, Inc. drawing (drawing # 01-13802R), is at least as protective of the groundwater, surface water, and the structural integrity of the livestock waste management facility as the stated requirements of the *Livestock Management Facilities Act* and MidWest Plan Service (MWPS-36) *Concrete Manure Storages Handbook*.

Professional Engineer

P.E. Seal

Name: Chris J. West

Firm: Frank & West, Inc.

Address: 1032 S. 2nd St.

Springfield, IL 62704

Phone: (217) 679-7361

IL Registration No.: 062-57229

License Exp. Date: 11/30/2019

Signature: *Chris J. West*

Date: May 24, 2018



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 March 3, 2020, 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:

Humphrey Farms, Rick Humphrey
1556 Route 52
Dixon, Illinois 61021

Copies also provided electronically as follows:

Illinois Department of Revenue
via email at REV.PropTaxApp.illinois.gov
101 West Jefferson
P.O. Box 19033
Springfield, Illinois 62794

[Electronic Filing]

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

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

/s/ Jacob H. Smith
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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