

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Mitchell Holsteins-Winnebago)
(Property Identification Number) PCB 17-
14-19-400-007)) (Tax Certification)
)

NOTICE

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

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

Tim Mitchell
11587 Edwardsville Road
Winnebago, Illinois 61088

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: February 22, 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

Mitchell Holsteins-Winnebago
(Property Identification Number
14-19-400-007)

)
) PCB 17-
) (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: February 22, 2017

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

Mitchell Holsteins-Winnebago)
(Property Identification Number) PCB 17-
14-19-400-007) (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 February 16, 2016, the Illinois EPA received a request from Mitchell Holsteins (log number TC-08-16, 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: Mitchell Holsteins
11587 Edwardsville Rd.
Winnebago, Illinois 61088

The proposed water pollution control facilities in this request are located at SE ¼ of Section 19, T26N, R11W of the 4th PM in Winnebago County, at the above street address, and consist of the following:

- One (1) concrete reception tank (Tank 1, 12 ft. x 12 ft. x 16 ft.) with perimeter drain tiles (4" dia.);
- One (1) concrete reception tank (Tank 2, 12 ft. x 20 ft. x 10 ft.);
- One (1) concrete holding basin (180 ft. x 200 ft. x 16 ft.); and
- One (1) processing room (50 ft. by 64 ft. x 2 ft.) for manure solid-liquid separation.

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.

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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.

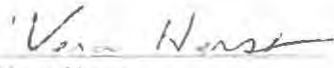
4. In order to receive preferential tax treatment as pursuant to 35 ILCS 200/11-5 (2014), pollution control facilities must be certified as such by the Board, 35 ILCS 200/11-20 (2014) and 35 Ill. Adm. Code 125.200(a).
5. Upon receipt of a tax certification application, the Illinois EPA must file a recommendation 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

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tax certification.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: 
Vera Herst
Assistant Counsel
Division of Legal Counsel

Dated: DATED: February 22, 2017

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

THIS FILING IS SUBMITTED ON RECYCLED PAPER



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

RECEIVED

Division of Legal Counsel

DEC 07 2016

Environmental Protection Agency

To: Charles Gunnarson, Division of Legal Counsel

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

Date: December 5, 2016

Re: Mitchell Holsteins – Winnebago
Recommendation of Tax Certification
Log # TC-08-16
Property ID# 14-19-400-007

The Bureau of Water received a request on February 16, 2016 from Matthew Wagner 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:

Mitchell Holsteins
11587 Edwardsville Rd.
Winnebago, IL 61088

SE ¼ of Section 19, T26N, R11W of the 3rd PM in Winnebago County

The livestock waste handling facilities consist of:

- One (1) concrete reception tank (Tank 1, 12 ft. x 12 ft. x 16 ft.) with perimeter drain tiles (4" dia.);
- One (1) concrete reception tank (Tank 2, 12 ft. x 20 ft. x 10 ft.);
- One (1) concrete holding basin (180 ft. x 200 ft. x 16 ft.); and
- One (1) processing room (50 ft. x 64 ft. x 2 ft.) for manure solid-liquid separation.

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: Mitchell Holsteins

Date: December 2, 2016

Reviewer: WH

Type: Agchem
 Livestock

Log number: TC-08-16

Contact: Mathew L. Wagner
709 W. Oak St.
Lena, IL 61048
Phone: 815-275-7642

Applicant: Tim Mitchell
11587 Edwardsville Rd.
Winnebago, IL 61088

Property ID: 14-19-400-007

Facility: Mitchell Holsteins
11587 Edwardsville Rd.
Winnebago, IL 61088

Parcel#: None

County: Winnebago

Legal Description:
SE ¼ of Section 19, T26N, R11E of the 3rd PM

Signature: Tim Mitchell

Date Control Devices installed: 2014-2015

Title: Owner

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

Physical Description of Pollution Control Devices:

The livestock waste handling facilities consist of:

- One (1) concrete reception tank (Tank 1, 12 ft. x 12 ft. x 16 ft.) with perimeter drain tiles (4" dia.);
- One (1) concrete reception tank (Tank 2, 12 ft. x 20 ft. x 10 ft.);
- One (1) concrete holding basin (180 ft. x 200 ft. x 16 ft.); and
- One (1) processing room (50 ft. x 64 ft. x 2 ft.) for manure solid-liquid separation.

The facility collects, transports and stores livestock waste prior to cropland application.

06/07/2016: Called Matt Wagner for additional information. Matt was told that the freestall barn is not qualified for tax certification. The pipes that are used to send water from Tank 1 to flush the barn and carry manure to the reception tank may be qualified for tax exemption. He provided the length and material of the 12" and 18" pipe between the reception tank 1 and the freestall barn. He also provided the material (concrete) and heights of the waste holding basin, processing room and holding area. He confirms that manure is land applied.

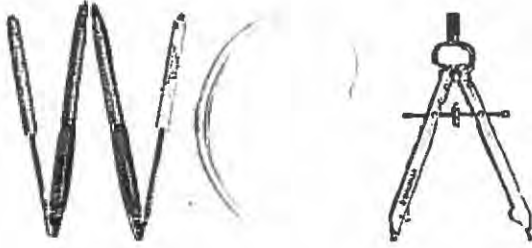
10/21/2016: Received the revised application form from Matt Wagner by email. Freestall barn is removed from Section D Pollution Control Facility Description.

10/31/2016: Received email form Matt Wagner confirming that the processing room does not have animal access.

11/29/2016: Call Matt Wagner about listing the pipes, pumps and solid-liquid separator in the process room for certification. He checked with the applicant. The applicant said that these were not taxed by the county and did not need to be certified.

12/02/2016: Received email from Matt Wagner regarding equipment and devices that are not to be tax certified.

Recommended Action: Issue tax certification.



Wagner Consulting & Agriculture, LLC.
709 West Oak Street
Lena, Illinois 61048
wagnerconsultag@mediacombb.net
815-275-7642

February 11, 2016

Illinois EPA
P.O. Box 19276
Springfield, Illinois 62794-9276

Attn: Al Keller
Permit Section
Division of Water Pollution Control

Re: Tax Certification for Livestock Waste Management Facilities

To Al Keller:

On behalf of Mitchell Holsteins, we are submitting the tax certification from for livestock waste management facilities for six facilities recently constructed on the farm. The facilities consist of two concrete reception tanks being 12' x 12' x 16' deep and 12' x 20' x 10' deep, processing room being 50' x 64', a waste holding basin being 180' x 200' x 16' deep, a holding area being 36' x 56', and a freestall barn being 404' x 131'. We have broken off items 4 and 5 of section E on another sheet to clarify the information for the six facilities that were constructed. We are including a brief narrative of the pollution control abatement facilities. We are also including a copy of the construction drawings for the project.

If you should have any questions or require additional information, please feel free to call me at 815-275-7642.

Sincerely,

WAGNER CONSULTING & AGRICULTURE, LLC.

BY Matthew Wagner
Matthew Wagner, P.E.

MW:eb

Encl.

cc: Tim Mitchell w/ encl.
File

Han, Wei

From: Matt Wagner <wagnerconsultag@mediacombb.net>
Sent: Monday, October 31, 2016 10:19 AM
To: Han, Wei
Subject: RE: [External] Mitchell Holsteins

So noted. The processing room does not have animal access.

Matthew Wagner, P.E.

Wagner Consulting & Agriculture, LLC.

709 West Oak Street

Lena, Illinois 61048

wagnerconsultag@mediacombb.net

Phone: 815-275-7642

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From: Han, Wei [<mailto:Wei.Han@Illinois.gov>]
Sent: Monday, October 31, 2016 9:58 AM
To: Matt Wagner
Subject: RE: [External] Mitchell Holsteins

Matt,

Thank you for the updated form. As we talked over the phone, the processing room will not be qualified for tax certification if it has animal access. Please clarify if the room is available for animal access. If so, please revise the form by taking the process room off the list.

Wei Han, P.E.

Facility Evaluation Unit

Bureau of Water

Illinois Environmental Protection Agency

Phone: 217-524-3034

Email: Wei.Han@Illinois.gov

From: Matt Wagner [<mailto:wagnerconsultag@mediacombb.net>]
Sent: Friday, October 21, 2016 2:47 PM
To: Han, Wei
Subject: [External] Mitchell Holsteins

Good afternoon Wei,

I did not forget about you. I just had a busy week. Attached is the updated page 1 of the Mitchell Holsteins tax certification form. If you have any questions or need anything else, let me know. Thanks.

Sec. F	POLLUTION CONTROL FACILITY - CONTAMINANTS	(1) Nature of Contaminants or Pollutants Manure and waste water from existing dairy facility			
		Material Retained, Captured or Recovered			
		Contaminant or Pollutant	DESCRIPTION	DISPOSAL OR USE	
		Manure	Solid	Reused as bedding	
		Manure	Liquid	Waste Holding Basin (2-1)	
		Milkhouse waste water	Liquid	Waste Holding Basin (2-1)	
		(2) Point(s) of Waste Water Discharge			
		N/A			
				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>See attached</u> status of installation on date of application <u>Completed</u>				
ACCOUNTING DATA	(5)	a. FAIR CASH VALUE IF CONSIDERED REAL PROPERTY:	\$ <u>See attached</u>		
		b. NET SALVAGE VALUE IF CONSIDERED REAL PROPERTY:	\$ " "		
		c. PRODUCTIVE GROSS ANNUAL INCOME OF CONTROL FACILITY:	\$ " "		
		d. PRODUCTIVE NET ANNUAL INCOME OF CONTROL FACILITY:	\$ " "		
		e. PERCENTAGE CONTROL FACILITY BEARS TO WHOLE FACILITY VALUE:	% 40		
Sec. F	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. The facilities claimed herein are "pollution control facilities" as defined in Section 11-10 of the Illinois Property Tax Code.			
		<u>Tim Mitchell</u> Signature	<u>owner</u> Title		
Sec. G	INSTRUCTIONS	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

Description of Pollution Abatement Control Facility

The completed pollution abatement control facility is used to handle waste from the recently installed freestall barn being 404' x 131'. An 18" diameter flush flume is located in the center of the freestall barn (404' x 131'). When it is time to start scraping the barn, a pump that is located in the reception tank #1 (12' x 12' x 16') pumps thru a 12" diameter pipe to charge the flume pipe and allow for the waste stream to go into reception tank #1. Another pump is used to pump the waste stream to and thru reception tank #2 (12' x 20' x 10'). This waste stream then goes thru a screen and press with the pressed manure solid being used for bedding. The pressed water can either go to the recently constructed waste holding basin (180' x 200' x 16') or the existing smaller concrete storage structure (130' x 58' x 6'). There is also a 6" diameter suction and discharge line thru the existing concrete storage structure that can be used as part of the process system if needed as well. The holding area (36' x 56') and freestall barn (404' x 131') are both used for the pushing and transferring of the manure and wastewater into the flush flume for conveyance to the reception pit and thru the manure processing system.

2/22/2017
10:00 AM
3/1/17

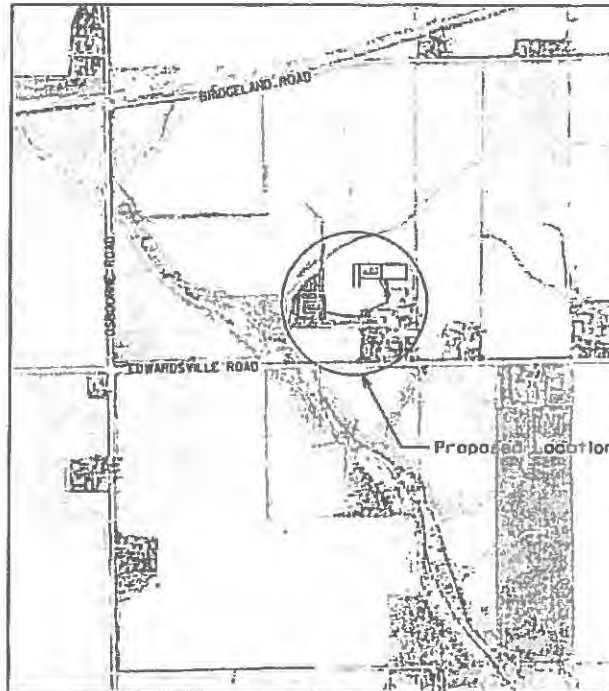
**PROPOSED SLATTED FREESTALL BARN, HOLDING AREA
EXPANSION, RECEPTION PITS, PROCESSING ROOM, WASTE HOLDING
BASIN, AND MANURE TRANSFER PIPE
MITCHELL HOLSTEINS
NW 1/4 SECTION 32, T28N, R4E, 4TH P.M.**

SHEET INDEX

DESCRIPTION	SHEET NO.
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FREESTALL BARN, HOLDING AREA & RECEPTION TANK #1 SITE DESIGN	2
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WASTE HOLDING BASIN SITE DESIGN	4
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WASTE HOLDING BASIN DETAILS	9
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WILLET HOFMANN & ASSOCIATES, INC. (STRUCTURAL DRAWINGS)	
RECEPTION TANK #2 WALL PLAN & GENERAL NOTES	S-1
RECEPTION TANK #2 TOP SLAB PLAN	S-2
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RECEPTION TANK #1 TOP SLAB PLAN	S-5
RECEPTION TANK #1 SECTION	S-6

LEGEND

	EDGE OF BUILDING
	PROPOSED GRAVEL ROADWAY
	PERIMETER DRAW TILE
	ROADWAY CENTERLINE



PROJECT LOCATION MAP

GENERAL NOTES

FOR DETAILED WORK DRAWINGS, CONTRACTOR SHALL REFERENCE DRAWINGS DESIGNED BY WILLET, HOFMANN & ASSOCIATES, INC.

ALL WORK PERFORMED BY THE CONTRACTOR SHALL BE GUARANTEED BY THE CONTRACTOR FOR A PERIOD OF TWENTY (20) MONTHS FROM THE DATE OF ACCEPTANCE OF THE WORK. THIS GUARANTEE SHALL INCLUDE ALL DEFECTS IN MATERIALS AND WORKMANSHIP.

THE CONTRACTOR, BY AGREEING TO PERFORM THE WORK, AGREES TO INDEMNIFY AND HOLD HARMLESS THE OWNER, ENGINEER, ALL AGENTS, AND ASSOCIATES OF THOSE PARTIES, FROM ALL SUITS AND CLAIMS ARISING OUT OF THE PERFORMANCE OF SAID WORK, AND FURTHER AGREES TO DEFEND OR OTHERWISE PAY ALL LEGAL FEES AND COSTS OF THE DEFENSE OF SAID PARTIES.

ALL WORK SHALL BE PERFORMED BY A LICENSED ENGINEER. THE TIMES AND GRADES SHOWN ON THE "APPROVED" ELEVATION SHEETS SHALL BE THE RESPONSIBILITY FOR KEEPING ALIGNMENTS AND GRADES SHALL BESET UPON THE CONTRACTOR.

ALL FIELD TILES AND MANHOLES DURING CONSTRUCTION SHALL BE REFORMED SHOWING SIZE, LOCATION AND DEPTH BY CONTRACTOR AND SHALL BE RECONNECTED OR RELOCATED. THE OWNER SHALL BE NOTIFIED IMMEDIATELY.

IF MORE THAN 1 ACRE OF LAND AREA IS TO BE DISTURBED AS PART OF THE CONSTRUCTION OF THE PROPOSED FACILITIES, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A NOTICE OF INTENT TO CONSTRUCT FOR GENERAL PERMITS TO DISCHARGE STORM WATER ASSOCIATED WITH CONSTRUCTION SITE ACTIVITIES THRU THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY. ALSO AS PART OF THIS REQUIREMENT, THE CONTRACTOR SHALL DEVELOP AND SUBMIT A STORM WATER POLLUTION PREVENTION PLAN.

ALL DRAINAGE STRUCTURES, INLETS, PIPES AND ADJACENT ROADWAYS SHALL BE KEPT FREE AND CLEAR OF DIRT AND DEBRIS AT ALL TIMES. THE CONTRACTOR SHALL NOT STEEL AND LEAVE DIRT ON ADJACENT PAVED AREAS IF DIRT IS DEPOSITED ON ADJACENT PAVED AREAS, REMOVE THE DIRT AND CLEAN THE PAVED AREAS AT THE END OF EACH CONSTRUCTION DAY.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE AT THE END OF EACH WORKING DAY. EXCESS EXCAVATED MATERIAL SHALL BE SPREAD THRU THE SITE AND BE ESCAPED AND RESEDED.

PROPERTY FENCES THAT ARE ENCOUNTERED SHALL BE REINTEGRATED UNTIL THEY HAVE BEEN RELEASED BY A PROFESSIONAL LAND SURVEYOR.

THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF ALL BENCHMARKS PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

ELEVATIONS SHOWN ON THE PLANS REFER TO THE MGS SYSTEM.

THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO EXCAVATION AND SHALL MARK THEM AS NECESSARY. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND MARKING LOCATION OF EXISTING UTILITIES.

THIS IS TO CERTIFY THAT THE DESIGN FOR A 1 TO 1 SLOPED WALL ON THE CONCRETE MANURE STORAGE STRUCTURE, CONCRETE MANHOLES, AND NOT INCLUDING CONCRETE FOOTINGS AS REQUIRED IN SECTION 306.10 IS SUCH THAT THE WEIGHT OF THE MODIFICATION IS AS PROTECTIVE OF THE GROUNDWATER, SURFACE WATER, AND STRUCTURAL INTEGRITY OF THE LIVESTOCK WASTE MANAGEMENT FACILITY AS THE STATED REQUIREMENTS OF THE LIVESTOCK WASTE MANAGEMENT FACILITIES ACT AND MIDWEST PLAN SERVICE (MWS-16) CONCRETE MANURE STORAGE HANDBOOK.

Matthew Wagner 10-6-14



REVISIONS			DRAWN M.L.W.	CHECKED A.A.V.	APPROVED M.L.W.
NO.	DATE	BY			

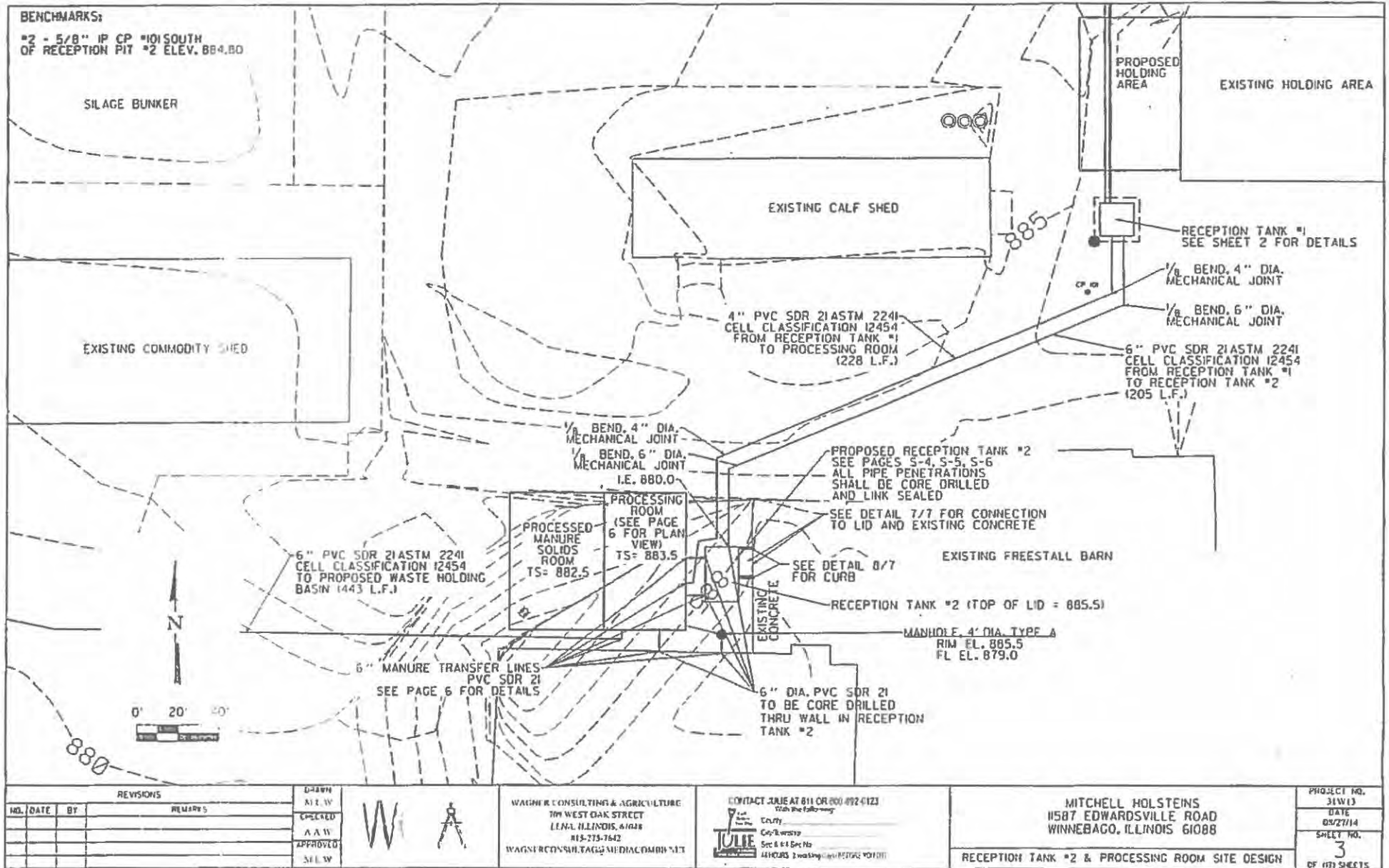
Wagner Consulting & Agriculture logo featuring a stylized 'W' and a surveying instrument.

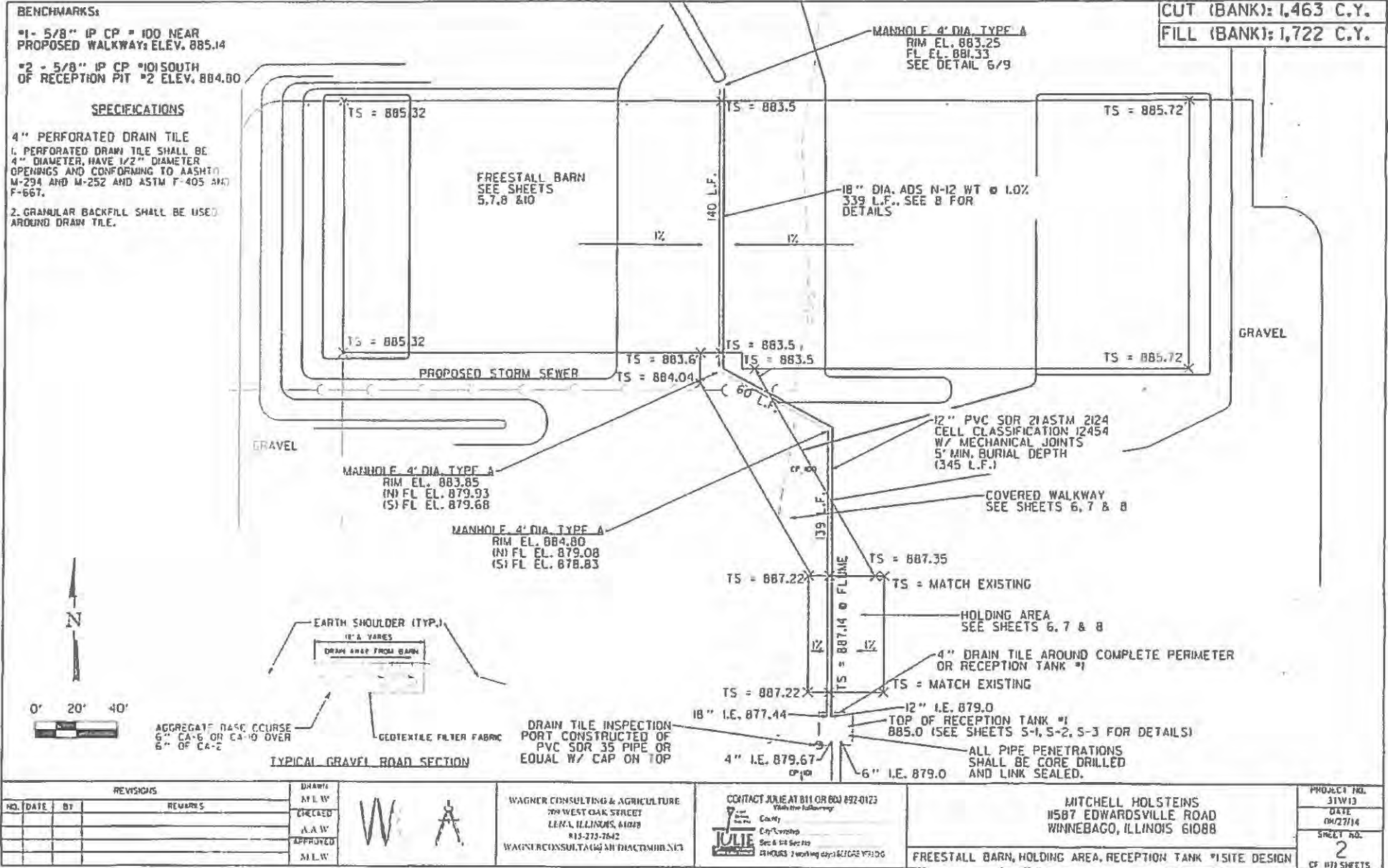
WAGNER CONSULTING & AGRICULTURE
709 WEST OAK STREET
LENA, ILLINOIS, 61041
815 275-7642
WAGNERCONSULTAG@MEDIA.COM.BJ.NET

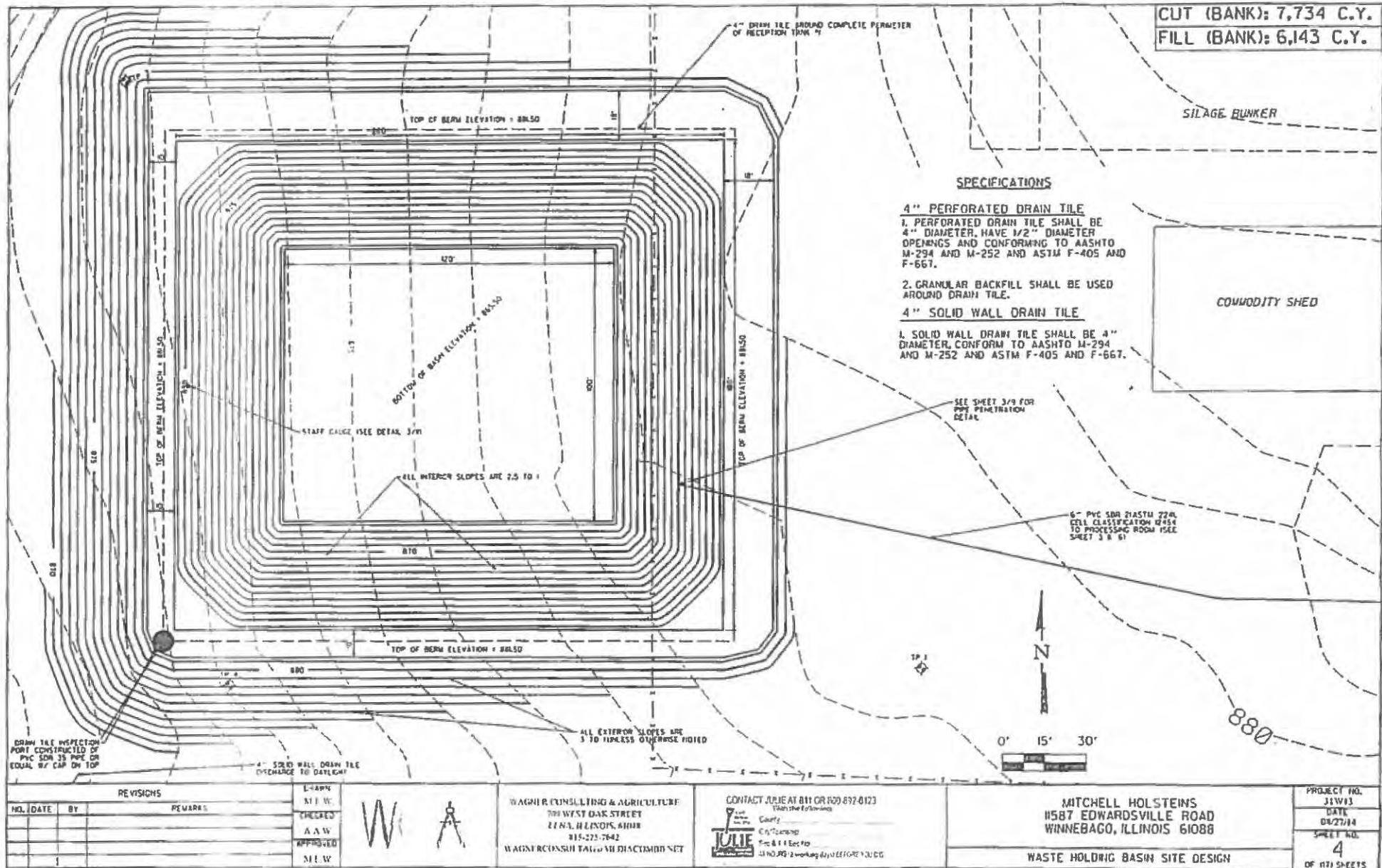
CONTACT JULE A. WILLET
709 WEST OAK STREET
LENA, ILLINOIS 61041
815 275-7642

MITCHELL HOLSTEINS
11587 EDWARDSVILLE ROAD
WINNEBAGO, ILLINOIS 61088

PROJECT NO.
311913
DATE
08/27/14
SHEET NO.
1
OF 811 SHEETS







CUT (BANK): 7,734 C.Y.
 FILL (BANK): 6,143 C.Y.

SILAGE BUNKER

COMMODITY SHED

SPECIFICATIONS

- 4" PERFORATED DRAIN TILE**
 1. PERFORATED DRAIN TILE SHALL BE 4" DIAMETER, HAVE 1/2" DIAMETER OPENINGS AND CONFORMING TO AASHTO M-294 AND M-252 AND ASTM F-405 AND F-667.
2. GRANULAR BACKFILL SHALL BE USED AROUND DRAIN TILE.
- 4" SOLID WALL DRAIN TILE**
 1. SOLID WALL DRAIN TILE SHALL BE 4" DIAMETER, CONFORM TO AASHTO M-294 AND M-252 AND ASTM F-405 AND F-667.

SEE SHEET 3/3 FOR PIPE PENETRATION DETAIL

6" PVC SDR 21 ASTM 2241 CELL CLASSIFICATION 12454 TO PROCESSING ROOM (SEE SHEET 3 & 6)



DRAIN TILE INSPECTION PORT CONSTRUCTED BY PVC SOU 3" PIPE OR EQUAL W/ CAP ON TOP

4" SOLID WALL DRAIN TILE DRAINAGE TO DAYLIGHT

REVISIONS		
NO.	DATE	REMARKS

L-1495
 S I E W
 CHECKED
 A A W
 APPROVED
 S I E W

WAGNER CONSULTING & AGRICULTURE
 709 WEST OAK STREET
 ELNA, ILLINOIS 61038
 815-275-7642
 WAGNERCONSULTING@GMAIL.COM

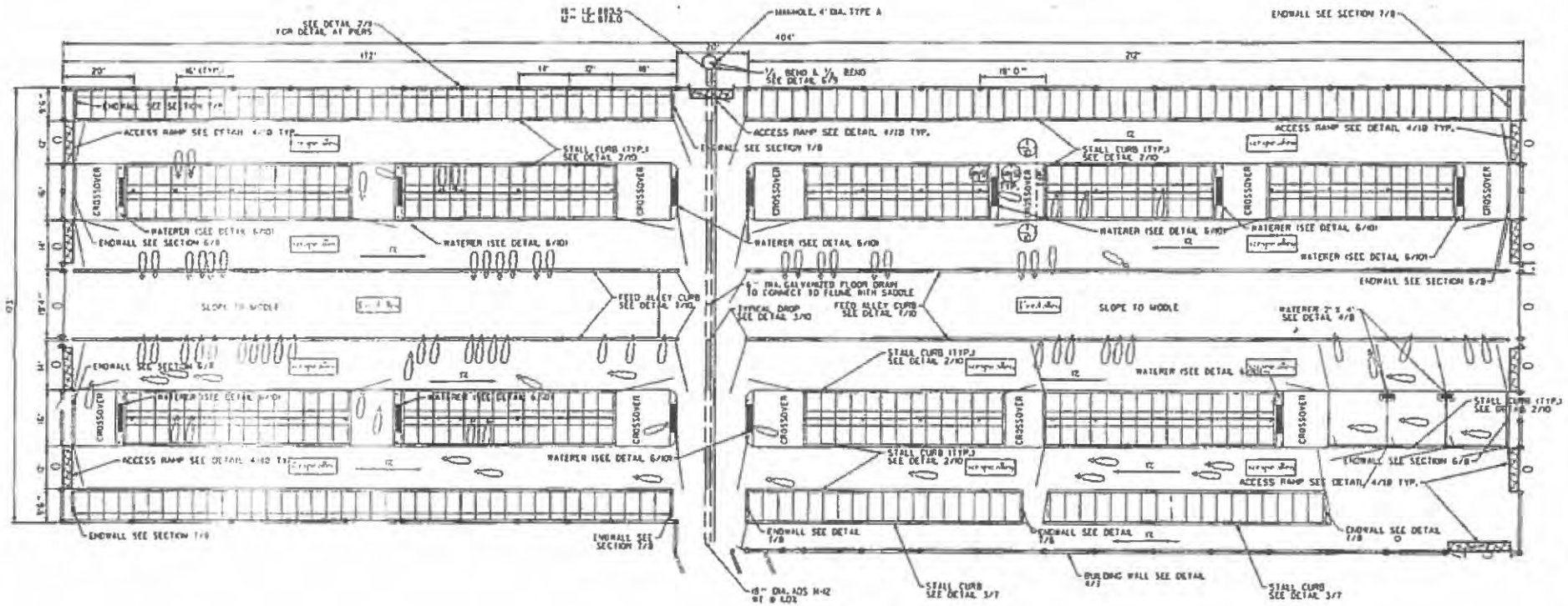
CONTACT JULIE AT 815 OR 630 837-8123
 (With the following)

County: _____
 City/Township: _____
 Precinct: _____
 State: _____

MITCHELL HOLSTEINS
 1587 EDWARDSVILLE ROAD
 WINNEBAGO, ILLINOIS 61088

WASTE HOLDING BASIN SITE DESIGN

PROJECT NO.	J11W13
DATE	08/27/14
SHEET NO.	4
OF 171 SHEETS	



1 PLAN VIEW OF FREESTALL BARN
 5 SCALE 1/27" = 1' 0" X 17' 0" NORTH

REVISIONS			
NO.	DATE	BY	REMARKS

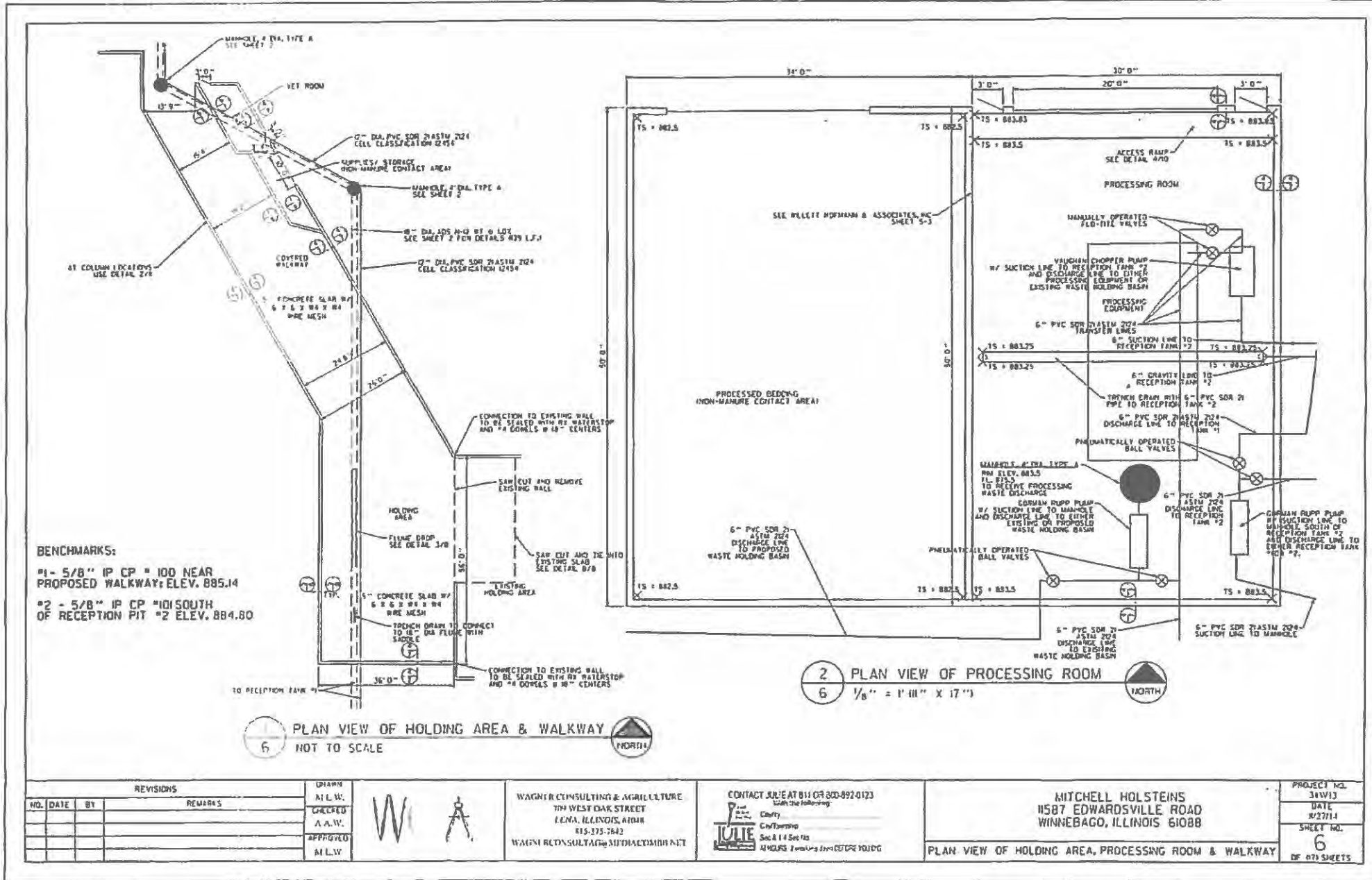
DRAWN
 M.L.W.
 CHECKED
 A.A.W.
 APPROVED
 M.L.W.

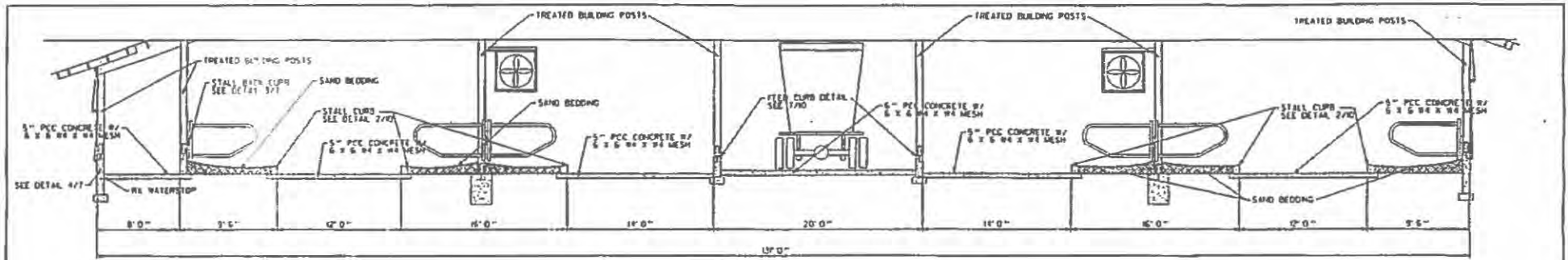
WAGNER CONSULTING & AGRICULTURE
 709 WEST OAK STREET
 LYNA, ILLINOIS 61043
 815-275-7442
 WAGNERCONSULTING@MEDIANET.COM

CONTACT JULIE AT 815 OR 800 892-0123
 With any follow-up.
 Julie
 Court
 City: Carver
 St: E 44th St
 43 HOURS - 2 working days BEFORE YOU GO

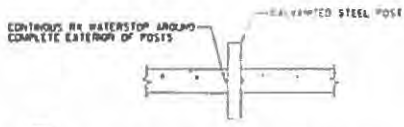
MITCHELL HOLSTEINS
 1587 EDWARDSVILLE ROAD
 WINNEBAGO, ILLINOIS 61088
 PLAN VIEW OF FREESTALL BARN

PROJECT NO.
 311W13
 DATE
 6/27/14
 SHEET NO.
 5
 OF 112 SHEETS

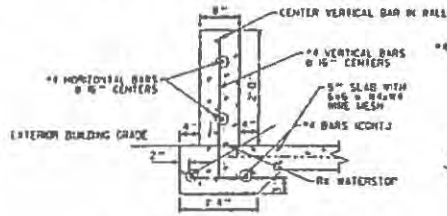




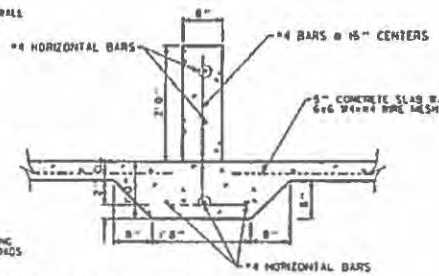
1 PROFILE SECTION THRU THE PROPOSED FREESTALL BARN
7 SCALE 1/8" = 1'



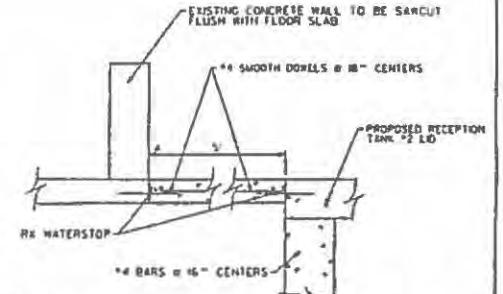
2 TYP. POST PENETRATION DETAIL
7 NO SCALE



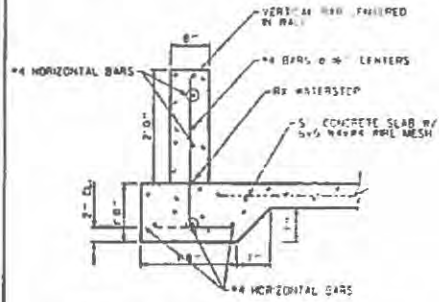
4 BUILDING END WALL DETAIL
7 SCALE 1/2" = 1' (11" X 17")



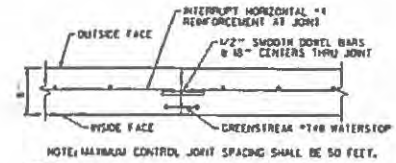
6 INSIDE WALL DETAIL
7 SCALE 1/2" = 1' (11" X 17")



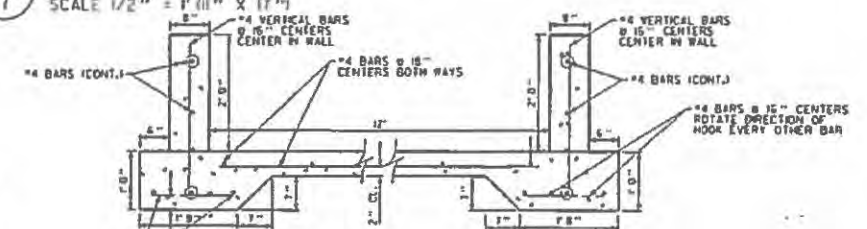
8 SCRAPE ALLEY CUT LOOKING NORTH
7 SCALE 1/2" = 1' (11" X 17")



3 STALL BACK CURB DETAIL
7 SCALE 1/2" = 1' (11" X 17")



5 CURB/WALL CONTROL JOINT
7 SCALE 1/2" = 1'



7 SCRAPE ALLEY CUT LOOKING EAST
7 SCALE 1/2" = 1' (11" X 17")

REVISIONS			
NO.	DATE	BY	REMARKS

DHANTE
M E W
CHECKED
A A W
APPROVED
S E L W

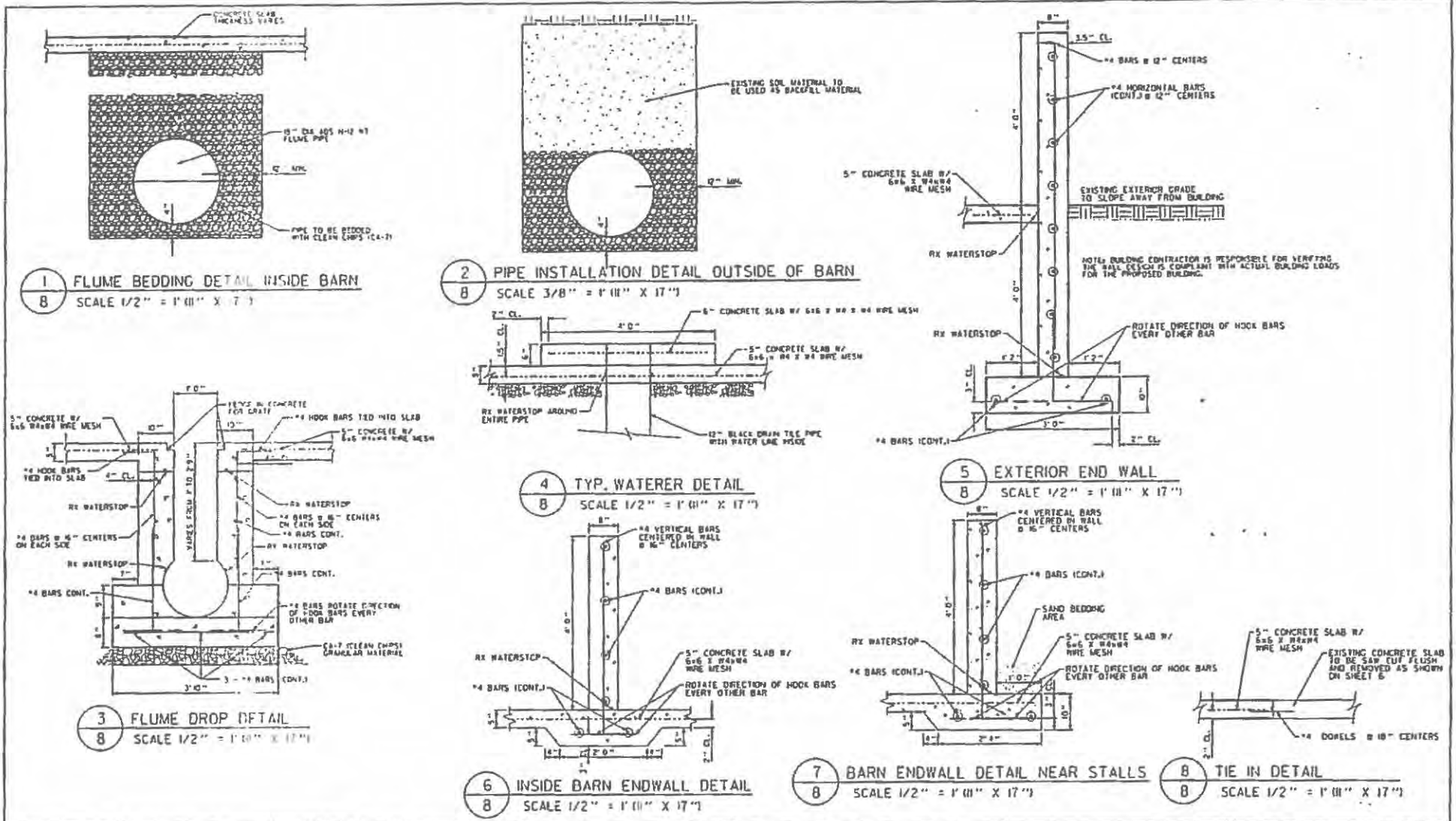


WAGNER CONSULTING & AGRICULTURE
709 WEST OAK STREET
LENA, ILLINOIS, 61048
815-273-7642
WAGNERCONSULTING@MIDWESTAGRI.COM

CONTACT JULIE AT 811 OR 800-692-0123
With the following:
IULIE
City
Circledrop
Sec 8 14 Sec 1c
24 HOURS (1 morning drop BEFORE YOU GO)

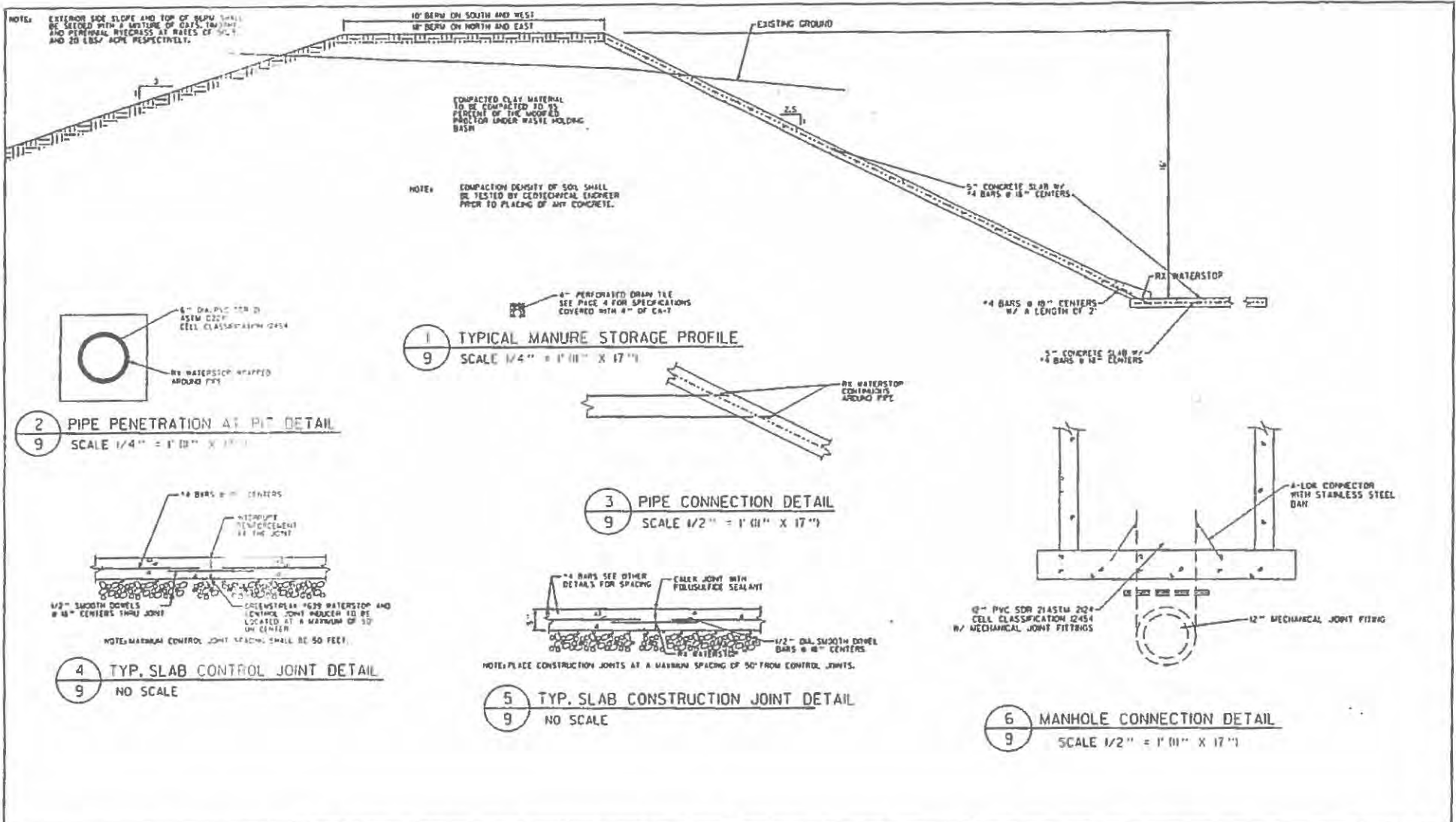
MITCHELL HOLSTEINS
11587 EDWARDSVILLE ROAD
WINNEBAGO, ILLINOIS, 61088
ADDITIONAL FREESTALL BARN DETAILS

PROJECT NO.
31113
DATE
6/27/13
SHEET NO.
7
OF 171 SHEETS



REVISIONS		NO.	DATE	BY	REMARKS

DRAWN M.L.W. CHECKED A.A.W. APPROVED M.L.W.		WAGNER CONSULTING & AGRICULTURE 109 WEST OAK STREET LENOX, ILLINOIS 61048 815-273-7642 WAGNERCONSULTAGRICULTURE.COM	CONTACT JAKE AT 815 GR 800-692-0123 (with permission) County: _____ City: _____ Sec 1 of 6pt 1a 23 MARCH 2017 10:00 AM	MITCHELL HOLSTEINS 1587 EDWARDSVILLE ROAD WINNEBAGO, ILLINOIS 61088	PROJECT NO. 31W13 DATE 1/27/14 SHEET NO. 8 OF 87 SHEETS
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1 TYPICAL MANURE STORAGE PROFILE
 9 SCALE 1/4" = 1' 00" X 17"

2 PIPE PENETRATION AT PIT DETAIL
 9 SCALE 1/4" = 1' 00" X 17"

3 PIPE CONNECTION DETAIL
 9 SCALE 1/2" = 1' 00" X 17"

4 TYP. SLAB CONTROL JOINT DETAIL
 9 NO SCALE

5 TYP. SLAB CONSTRUCTION JOINT DETAIL
 9 NO SCALE

6 MANHOLE CONNECTION DETAIL
 9 SCALE 1/2" = 1' 00" X 17"

REVISIONS			
NO.	DATE	BY	REMARKS

DRAWN: M.L.W.
 CHECKED: [Signature]
 A.A.W.
 APPROVED: [Signature]
 M.L.W.

WAGNER CONSULTING & AGRICULTURE
 709 WEST OAK STREET
 118A, BUNOIS, ILLINOIS
 815-255-7442
 WAGNERCONSULTING@MEDIALCOMM.NET

CONTACT JULIE AT 811 OR 800-692-0123
 (With the help of a monkey)
 JULIE
 City: _____
 County: _____
 City/County: _____
 Size & 1/4" Grid No: _____
 15-MINUTE 12" or larger days. 80% OF 10%

MITCHELL HOLSTEINS
 #587 EDWARDSVILLE ROAD
 WINNEBAGO, ILLINOIS, 61088
 WASTE HOLDING BASIN DETAILS

PROJECT NO.	31W13
DATE	08/27/14
SHEET NO.	9
OF 119 SHEETS	

1 TYPICAL WATERER DETAIL
SCALE 1/2" = 1'-0" X 17"

2 TYP. STALL CURB DETAIL
SCALE 1/2" = 1'-0" X 17"

3 TYP. SLAB CONTROL JOINT DETAIL
NO SCALE

4 ACCESS RAMP DETAIL
SCALE 1/2" = 1'-0" X 17"

5 TYP. SLAB CONSTRUCTION JOINT DETAIL
NO SCALE

6 WATERER DETAIL
SCALE 1/2" = 1'-0" X 17"

7 FEED CURB DETAIL
SCALE 1/2" = 1'-0" X 17"

CONCRETE SPECIFICATIONS

THE FOLLOWING TECHNICAL SPECIFICATIONS SHALL BE FOLLOWED DURING THE CONSTRUCTION PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL THE NECESSARY MATERIALS AND EQUIPMENT FROM THE LOCAL SUPPLY SOURCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL THE NECESSARY MATERIALS AND EQUIPMENT FROM THE LOCAL SUPPLY SOURCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL THE NECESSARY MATERIALS AND EQUIPMENT FROM THE LOCAL SUPPLY SOURCE.

1.1 GENERAL NOTES
A. ALL CONCRETE SHALL HAVE A MINIMUM SPECIFIC GRAVE AND A MINIMUM OF 14000 PSI COMPRESSIVE STRENGTH.
B. ALL CONCRETE SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME.
C. ALL CONCRETE SHALL BE CURED WITH A WATER-CURABLE MEMBRANE CURING COMPOUND.
D. ALL CONCRETE SHALL BE PROTECTED FROM FREEZING TEMPERATURES.
E. ALL CONCRETE SHALL BE PROTECTED FROM DAMAGE BY TRAFFIC AND EQUIPMENT.

1.2 CONCRETE REINFORCEMENT
A. REINFORCEMENT SHALL BE AS SHOWN ON THE DRAWINGS.
B. ALL REINFORCEMENT SHALL BE PLACED AND TIED AS SHOWN ON THE DRAWINGS.
C. ALL REINFORCEMENT SHALL BE PROTECTED FROM DAMAGE BY TRAFFIC AND EQUIPMENT.
D. ALL REINFORCEMENT SHALL BE PROTECTED FROM CORROSION.
E. ALL REINFORCEMENT SHALL BE PROTECTED FROM DAMAGE BY TRAFFIC AND EQUIPMENT.

1.3 FORMWORK
A. FORMWORK SHALL BE AS SHOWN ON THE DRAWINGS.
B. FORMWORK SHALL BE PROTECTED FROM DAMAGE BY TRAFFIC AND EQUIPMENT.
C. FORMWORK SHALL BE PROTECTED FROM CORROSION.
D. FORMWORK SHALL BE PROTECTED FROM DAMAGE BY TRAFFIC AND EQUIPMENT.

REVISIONS		DATE		BY	

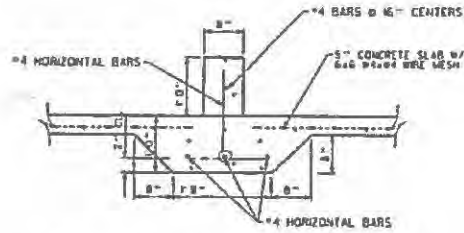
DESIGNED BY	DATE	PROJECT NO.
CHECKED BY		
APPROVED BY		

WARDEN CONTRACTING & MAINTENANCE
700 WEST OAK STREET
MILWAUKEE, WISCONSIN 53212-2423

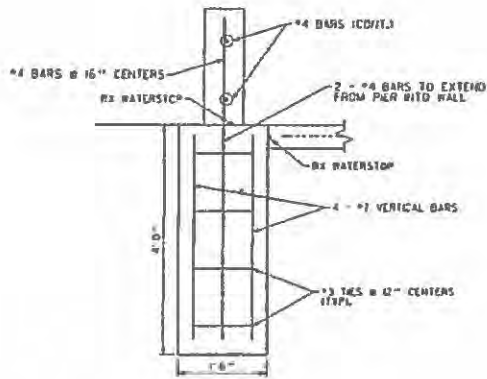
CONTRACT NO. 2016-0000-0000-0000

PROJECT NO. 2016-0000-0000-0000

MATCHELL HOLDINGS
1587 EDWARDSVILLE ROAD
WINNEBAGO, ILLINOIS, 61088

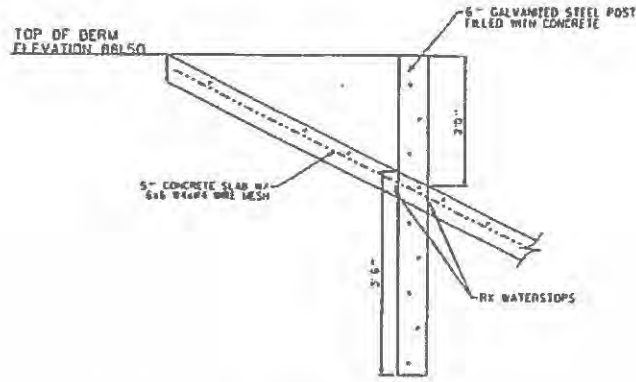


1 CURB DETAIL
SCALE 1/4" = 1' 0" x 17"

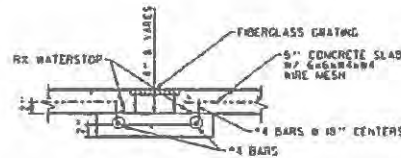


NOTE: BUILDING CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE WALL DESIGN IS COMPLIANT WITH ACTUAL BUILDING LOADS FOR THE PROPOSED BUILDING.

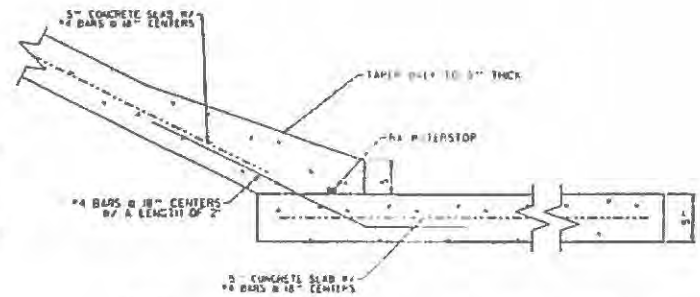
2 PIER DETAIL
SCALE 1/4" = 1' 0" x 17"



3 STAGE MARKER DETAILS
SCALE 1/4" = 1' 0" x 17"



4 TRENCH DRAIN DETAILS
SCALE 1/4" = 1' 0" x 17"



5 WASTE HOLDING BASIN CONNECTION DETAIL
SCALE 1/4" = 1' 0" x 17"

4" DIA. MANHOLE TYPE A

1. PRECAST CONCRETE MANHOLE SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478.
2. PIPE PENETRATIONS IN MANHOLE SHALL UTILIZE AN EMBEDDED BOOT TYPE CONNECTOR (A-LOR).
3. MANHOLE FRAMES AND LIDS SHALL BE NEEHAN OR APPROVED EQUAL.
4. ALL JOINTS SHALL BE SEALED WITH A MASTIC TYPE MATERIAL IN A FLEXIBLE ROPE OR ROLLED FORM WITH A REMOVABLE WRAPPER SIZED TO FIT THE KEY OF THE MANHOLE SECTIONS.
5. EXTERIOR OF PIPE SHALL BE SEALED WITH A TRENEC TAR 4614-413 OR APPROVED EQUAL.
6. MANHOLE SHALL BE VACUUM TESTED AFTER INSTALLATION TO CHECK FOR ANY LEAKS. TESTING PROCEDURE IS DESCRIBED IN THE LATEST VERSION OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, BUT THE SPECIFIC REQUIREMENTS FOR THIS JOB ARE PLUGGING THE INCOMING AND OUTGOING LINES AND TESTING TO A VACUUM OF 10 INCHES OF HG AND NOT DROPPING TO LESS THAN 9 INCHES OF HG AFTER 40 SECS OF TEST.

REVISIONS			
NO.	DATE	BY	REMARKS

DRAWN
M.L.W.
CHECKED
A.A.W.
APPROVED
M.L.W.



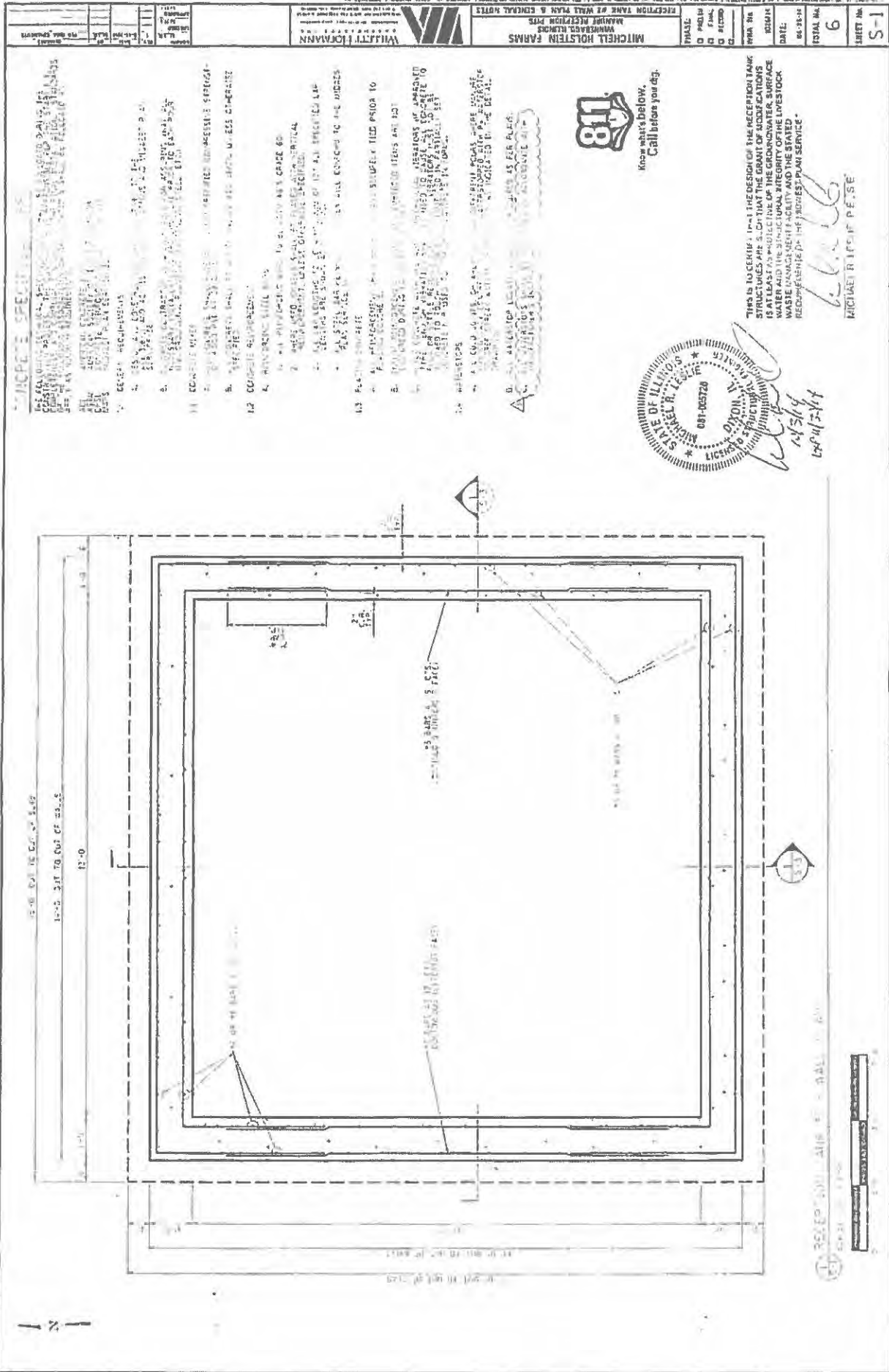
WAGNER CONSULTING & AGRICULTURE
709 WEST OAK STREET
LENA, ILLINOIS 61848
815-275-7642
WAGNERCONSULTING@MEDICAMM.NET

CONTACT JULE AT 811 OR 600-892-0123
Techs are following
Cover
Cap/liner
Set & 14 Set 16;
24 HOURS (working days) BEFORE POURING

MITCHELL HOLSTEINS
#587 EDWARDSVILLE ROAD
WINNEBAGO, ILLINOIS, 61088

MANHOLE DETAILS

PROJECT NO.
31W13
DATE
02/14
SHEET NO.
11
OF 117 SHEETS



SINGLE SPECIFICATIONS
 SEE THE CONTRACT DOCUMENTS FOR THE COMPLETE SPECIFICATIONS. THE CONTRACT DOCUMENTS ARE THE BASIS FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE CONTRACT DOCUMENTS SHALL BE OPEN TO ALL BIDDERS AND SHALL BE AVAILABLE FOR REVIEW AT THE PROJECT OFFICE. THE CONTRACT DOCUMENTS SHALL BE OPEN TO ALL BIDDERS AND SHALL BE AVAILABLE FOR REVIEW AT THE PROJECT OFFICE.

- 1.0 GENERAL REQUIREMENTS**
- 1.1 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 - 1.2 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 - 1.3 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

- 2.0 CONCRETE WORK**
- 2.1 ALL CONCRETE SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS.
 - 2.2 ALL CONCRETE SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS.
 - 2.3 ALL CONCRETE SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS.

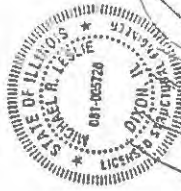
- 3.0 FINISHES**
- 3.1 ALL FINISHES SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS.
 - 3.2 ALL FINISHES SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS.
 - 3.3 ALL FINISHES SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS.

- 4.0 UTILITIES**
- 4.1 ALL UTILITIES SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS.
 - 4.2 ALL UTILITIES SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS.
 - 4.3 ALL UTILITIES SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS.

- 5.0 PROTECTION**
- 5.1 ALL EXISTING UTILITIES SHALL BE PROTECTED AND NOT REMOVED OR DAMAGED.
 - 5.2 ALL EXISTING UTILITIES SHALL BE PROTECTED AND NOT REMOVED OR DAMAGED.
 - 5.3 ALL EXISTING UTILITIES SHALL BE PROTECTED AND NOT REMOVED OR DAMAGED.

6.0 NOTES

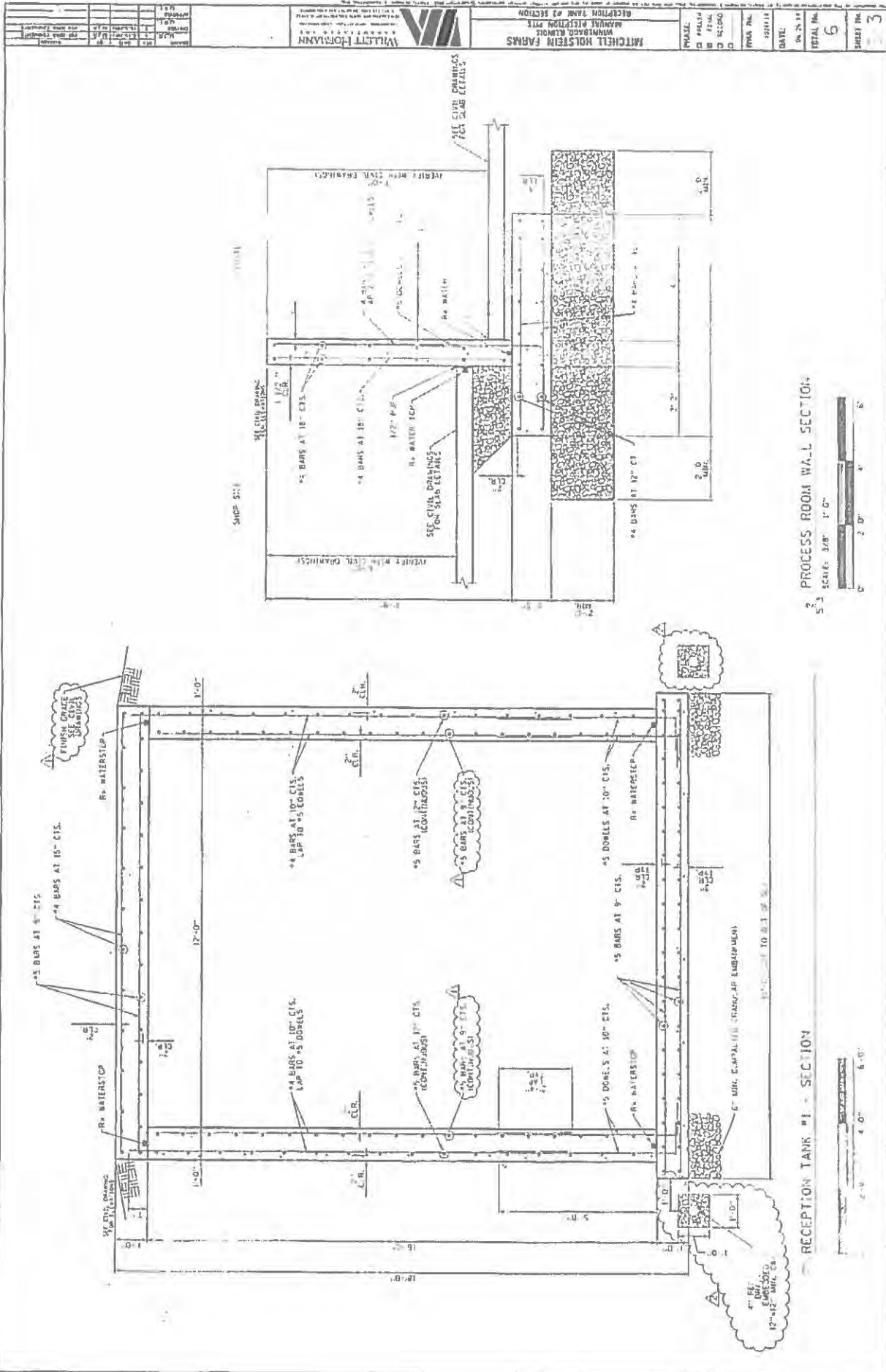
- 6.1 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
- 6.2 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
- 6.3 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

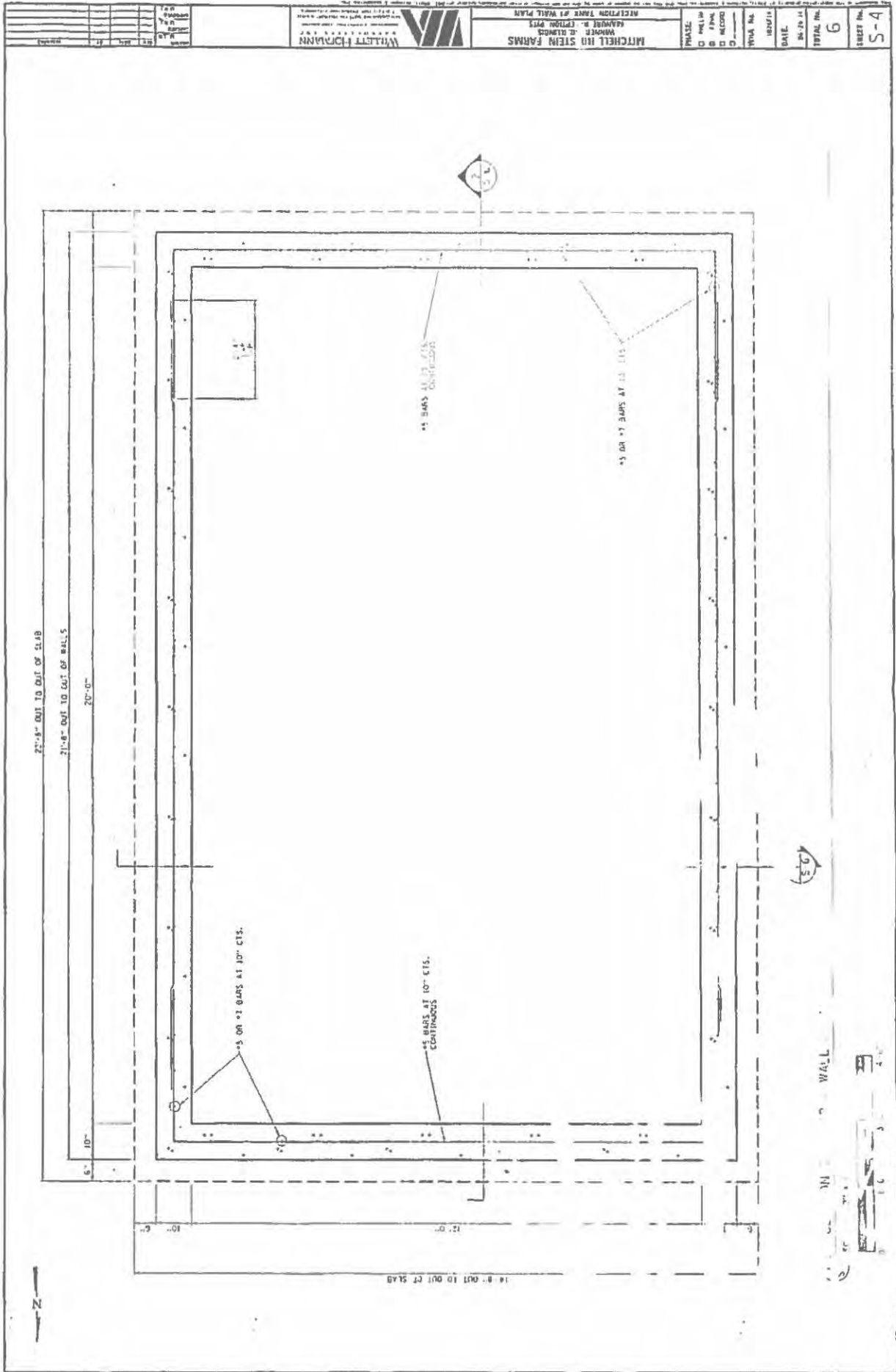


Michael R. LeBlanc
 MICHAEL R. LEBLANC, P.E.

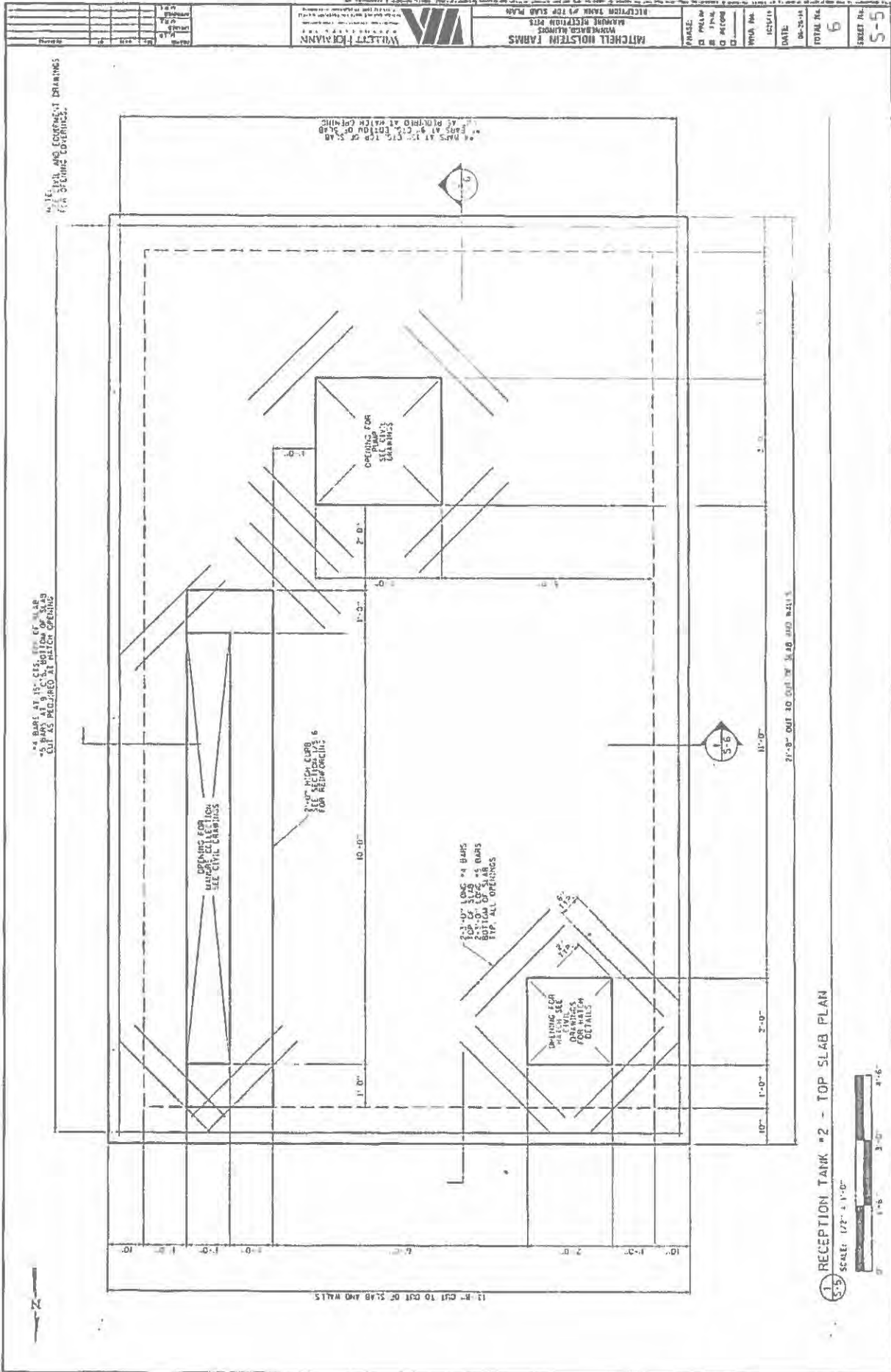


RECEPTION TANK #2 WALL PANEL & GENERAL NOTES	DATE: 06/28/14	SHEET NO. 6	SHEET NO. S-1
MITCHELL HOLSTEIN FARMS MANURE STORAGE PITS	PHASE: 01 PRELIM, 02 FINAL, 03 RECORD	PROJECT: 06/28/14	
WILLY HILTMANN Professional Engineer			





PROJECT: MITCHELL HO STEIN FARMS	DATE: 04-20-14	SHEET No. 6	SHEET No. S-4
OWNER: HANOVER B. (TRUST) PWS	DATE: 04-20-14	TOTAL No. 6	
DESIGNER: WILLYT FORSMAN	DATE: 04-20-14		
CHECKED: WILLYT FORSMAN	DATE: 04-20-14		
APPROVED: WILLYT FORSMAN	DATE: 04-20-14		
SCALE: AS SHOWN	DATE: 04-20-14		
PROJECT: MITCHELL HO STEIN FARMS	DATE: 04-20-14		
OWNER: HANOVER B. (TRUST) PWS	DATE: 04-20-14		
DESIGNER: WILLYT FORSMAN	DATE: 04-20-14		
CHECKED: WILLYT FORSMAN	DATE: 04-20-14		
APPROVED: WILLYT FORSMAN	DATE: 04-20-14		
SCALE: AS SHOWN	DATE: 04-20-14		



PROJECT: MATCHELL HOLSTEIN FARMS		DATE: 06-25-14	TOTAL FL: 6	SHEET NO.: 5-5
DRAWING: RECEPTION TANK #2 TOP SLAB PLAN		DATE: 06-25-14	TOTAL FL: 6	SHEET NO.: 5-5
SCALE: 1/2" = 1'-0"	DATE: 06-25-14	TOTAL FL: 6	SHEET NO.: 5-5	SHEET NO.: 5-5

RECEPTION TANK #2 - TOP SLAB PLAN
 SCALE: 1/2" = 1'-0"
 1'-0" 3'-0" 4'-6"

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 February 22, 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

Tim Mitchell
11587 Edwardsville Road
Winnebago, Illinois 61088

[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
217.782.9143 (TDD)

THIS FILING IS SUBMITTED ON RECYCLED PAPER