

Part 2 – Technical Requirements

Application under the *Agricultural Operation Practices Act* for a confined feeding operation, manure collection area, and/or manure storage facility(ies)

NRBC USE ONLY	Application number	Legal land description
<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Registration <input type="checkbox"/> Authorization <input type="checkbox"/> Amendment	LA25052	E½ 17-4-18 W4M SE 20-4-18 W4M

APPLICATION DISCLOSURE

This information is collected under the authority of the *Agricultural Operation Practices Act* (AOPA), and is subject to the provisions of the *Freedom of Information and Protection of Privacy Act*. This information is public unless the NRBC grants a written request that certain sections remain private.

Any construction prior to obtaining an NRBC permit is an offence and is subject to enforcement action, including prosecution.

I, the applicant, or applicant's agent, have read and understand the statements above, and I acknowledge that the information provided in this application is true to the best of my knowledge.

June 24 2015

Date of signing

Sunny Site ~~Farm~~ Farming Co LTD

Corporate name (if applicable)



Signature

Gideon Wurz

Print name

GENERAL INFORMATION REQUIREMENTS

Proposed facilities: list all proposed confined feeding operation facilities and their dimensions. Indicate whether any of the proposed facilities are additions to existing facilities. (attach additional pages if needed)	
Proposed facilities	Dimensions (m) (length, width, and depth)
Laver Barn with attach manure storage room	(152.4 m x 39.6 m) 500ft long 130 ft wide
@ offices. collection room	80 ft x 130 ft (24.4 m x 39.6 m)
Pullet Barn with attached utility room attach manure storage room.	(117.4 m x 15.2 m) 385 ft long 50 ft wide 60ft long 30 ft wide (18.3 m x 9.2 m)

Existing facilities: list ALL existing confined feeding operation facilities and their dimensions

Existing facilities	Dimensions (m) (length, width, and depth)	NRBC USE ONLY
1 ^{Decommission} Chicken Broiler Barn) Duck Barn	30.5m x 10.7m	
2 exercise area.	23.3m x 36.6m	
3 Swine Barn.	150.2m x 45.7m	

NRBC USE ONLY

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Existing facilities continued	Dimensions (m) (length, width, and depth)	NRCC USE ONLY
4 Dairy Barn.	59.4m X 41.8m	
5 Dairy Corrals	35.4m X 8m	
6 "	128m X 53.3m	
7 "	54.9 X 30.5m	
8 Dairy Corrals Lean-To	47.2 X 17.2m	
9 Cattle Buildings.	14.6 X 12.2m	
10 "	31.7 X 12.2m	
11 Cattle corrals	79.2 X 45.7m	
12 "	70.1 X 96	
13 Swine Lagoon	125m X 76.2m X 4.9 meters deep	
14 North Side Layer Barn	61 m X 15 m	



Google Earth

Image © 2025 Airbus
Image © 2025 Maxar Technologies

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If a new facility is replacing an old facility, please explain what will happen to the old facility and when. N/A

Old layer @ Pullet barn are being decommissioned

Construction completion date for proposed facilities October 2028

Additional information

[Large empty rectangular box for additional information]

Livestock numbers: Complete only if livestock numbers are different from what was identified in the Part 1 application. Note: if livestock numbers increase in your Part 2 application, a new Part 1 application must be submitted which may result in a loss of priority for minimum distance separation (MDS).

Livestock category and type (Available in the Schedule 2 of the Part 2 Matters Regulation)	Permitted number	Proposed increase or decrease in number (if applicable)	Total
Layers	73 000	+2000	65 000
Pullets	11500	-18500	30000
Broilers	1000	0	1000
Dairy Cows - Dry Replacement	110	0	110
Turkeys	300	0	300
Ducks	1000	0	1000
Beef Feeders	300	0	300

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Application under the *Agricultural Operation Practices Act* for a confined feeding operation, manure collection area, and/or manure storage facility(ies)

DECLARATION AND ACKNOWLEDGMENT OF APPLICANT CONCERNING WATER ACT LICENCE

issued by Alberta Environment and Protected Areas (EPA) for a confined feeding operation (CFO)

Date and sign one of the following four options

OPTION 1: Applying through the NRCC for both the AOPA permit and the Water Act licence

I **DO** want my water licence application coupled to my AOPA permit application.

Signed this _____ day of _____, 20____.

Signature of Applicant or Agent

OPTION 2: Processing the AOPA permit and Water Act licence separately

1. I (we) acknowledge that the CFO will need a new water licence from EPA under the *Water Act* for the development or activity proposed in this AOPA application.
2. I (we) request that the NRCC process the AOPA application **independently of** EPA's processing of the CFO's application for a water licence.
3. In making this request, I (we) recognize that, if this AOPA application is granted by the NRCC, the NRCC's decision will not be considered by EPA as improving or enhancing the CFO's eligibility for a water licence under the *Water Act*.
4. I (we) acknowledge that any construction or actions to populate the CFO with livestock pursuant to an AOPA permit in the absence of a *Water Act* licence will **not** be relevant to EPA's consideration of whether to grant the *Water Act* licence application.
5. I (we) acknowledge that any such construction or livestock populating will be at the CFO's sole risk if the *Water Act* licence application is denied or if the operation of the CFO is otherwise deemed to be in violation of the *Water Act*. This risk includes being required to depopulate the CFO and/or to cease further construction, or to remove "works" or "undertakings" (as defined in the *Water Act*).
6. **AS RELEVANT:** I (we) acknowledge that the CFO is located in the South Saskatchewan River Basin and that, pursuant to the *Bow, Oldman and South Saskatchewan River Basin Water Allocation Order* [Alta. Reg. 171/2007], this basin is currently closed to new surface water allocations.
7. **Provide:** Water licence application number(s) _____

Signed this _____ day of _____, 20____.

Signature of Applicant or Agent

OPTION 3: Additional water licence not required

1. I (we) declare that the CFO will not need a new licence from EPA under the *Water Act* for the development or activity proposed in this AOPA application.
2. **Provide:** Water license number(s) or water conveyance agreement details agreement with SMIRD

Signed this 24 day of June, 2025.

[Redacted]
Signature of Applicant or Agent

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WATER CONVEYANCE AGREEMENT
Agricultural Operations

(Irrigation Districts Act, Section 21)

This agreement is made in triplicate this 30 day of December 2005.

BETWEEN: St. Mary River Irrigation District,
1210-36 St. North
Lethbridge, Alberta
T1J 3Y7

(hereinafter called the "District")

OF THE FIRST PART

-and-

Sunnysite Hutterian Brethren
Box 180
Warner, Alberta
TOK 2L0

(hereinafter called the "Applicant")

OF THE SECOND PART

The Applicant is the owner (or purchaser or lessee) of the following lands, namely:

NE 17-4-18-W4

(hereinafter called the "Parcel")

The Applicant has applied to the District to enter into a Water Conveyance Agreement for water for Agricultural Operations for the parcel pursuant to Section 21 of the ***Irrigation Districts Act*** under an existing licence for 43 acre feet.

In consideration of the covenants herein contained, and the payment by the Applicant to the District of the charges payable to the District as provided from time to time under its tariff of Agricultural Operations Water Charges, the District hereby agrees to convey, annually, the "Allocation", licensed to be diverted by the Applicant through the irrigation works of the District, for the purposes of watering animals, aquiculture, or greenhouse use, on the Parcel from the irrigation works of the District, subject to the covenants, conditions and stipulations hereinafter set out: -

1. The water shall be removed from the irrigation works of the District by and at the expense of the Applicant and in a manner and at a location approved by the District.
2. All structures, equipment or works installed on the irrigation works of the District by the Applicant pursuant to this Agreement, shall become the property of the District.
3. The Applicant shall not permit the water to escape from the Parcel, and shall indemnify and save harmless the District from all claims, demands and damages whatsoever arising out of or as a result of removal of the water from the irrigation works of the District.
4. The District shall not be liable for any claim either direct, indirect or consequential, for loss, injury or damage whatsoever arising out of the failure or inability of the District to make water available for Agricultural Operations.
5.
 - a) The Applicant shall comply with all statutes and regulations applicable to the privileges hereby granted, and with all by-laws of the District regulating the supply and distribution of water.
 - b) Prior to receiving water, the Applicant must provide the District with satisfactory evidence of compliance with the requirements of the **Water Act**, the **Environmental Protection and Enhancement Act** and their regulations.
6. The Applicant shall pay to the District, on or before the 31st day of December in each year during the currency of this agreement, such amounts as are from time to time prescribed under the District's Agricultural Operations Water Charges established under Section 115 of the Irrigation Districts Act. If payment is not received, the Agreement will be terminated pursuant to Clause 8, and the District will not enter into another agreement until all sums due the District under this Agreement are paid.
7. This agreement may be terminated by either party giving to the other party 60 days notice on or before March 1 in a calendar year.
8. Should the Applicant be in default in any of the provisions of this Agreement, the District may forthwith stop delivery of water or terminate this agreement pursuant to Clause 8, and in such case there shall be no abatement or refund of the amounts payable by the Applicant to the District.

9. Assignment or transfer of this agreement by the Applicant is prohibited.
10. The Applicant shall be responsible for the costs of the supply and installation of a water measurement device approved by the District.
11. The Applicant acknowledges and agrees that the water in the irrigation system of the District may not be potable or may not be suitable for irrigation purposes, and that the District makes no representation, warranty or guarantee, express or implied that the water conveyed and delivered under this agreement is potable and fit for human consumption or suitable for irrigation purposes.
12. The Applicant agrees to accept the water delivered in the condition in which it may be found at the point of delivery from time to time and to provide such testing, treatment or filtering as the Applicant considers necessary.
13. The Applicant acknowledges that the irrigation system of the District is an open ditch system subjecting the water therein to contamination from all manner of environmental, human and animal factors and that the District does not regulate, control or monitor the quality of water in its system.
14. The point of delivery shall be that point on the irrigation works of the District as shown on the attached plan.
15. The applicant acknowledges that the District can convey the water only during the irrigation season and that the water conveyance capacity of the irrigation works of the District is limited and the District will convey, from time to time, so much of the "Allocation" as it, in its exclusive discretion, deems advisable.

IN WITNESS WHEREOF the District has by its proper officers signed these presents and has affixed the seal of the District hereto, and the Applicant has hereunto set his hand and seal on the day and year first above written.

Char



General Manager



Applicant



W^h _____ of Applicant

Water License No.

Method of Measurement

- Water Supervisor's Records

Sketch of Parcel and Turnout Location

CONSENT OF LESSOR

I Sunny Lite being the lessor of the parcel do hereby consent to the above agreement between the Board and the Applicant.

Lessor

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GENERAL ENVIRONMENTAL INFORMATION

(complete this section for the worst case of the existing facility which is the closest to water bodies or water wells and for each of the proposed facilities)

Facility description / name (as indicated on site plan)

Existing: Swine Lagoon
Proposed 2: Dullet Barn

Proposed 1: Layher Barn

Proposed 3:

Facility and environmental risk information		Facilities				NRCB USE ONLY		
		Existing	Proposed 1	Proposed 2	Proposed 3	Meets requirements	Comments	
Flood Plain Information	What is the elevation of the floor of the lowest manure storage or collection facility above the 1:25 year flood plain or the highest known flood level?	<input checked="" type="checkbox"/> >1 m <input type="checkbox"/> ≤ 1 m	<input checked="" type="checkbox"/> >1 m <input type="checkbox"/> ≤ 1 m	<input checked="" type="checkbox"/> >1 m <input type="checkbox"/> ≤ 1 m	<input checked="" type="checkbox"/> >1 m <input type="checkbox"/> ≤ 1 m	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	
Surface Water Information	How many springs are within 100 m of the manure storage facility or manure collection area?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	
Groundwater Information	What is the shortest distance from the manure collection or storage facility to a surface water body? (e.g., lake, creek, slough, seasonal)	750m	1000m	1088m	1086m	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	
	What is the depth to the water table?	Greater than SW	" "	" "	" "	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	
	What is the depth to the groundwater resource/aquifer you draw water from?	Greater than 5m	" "	" "	" "	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	

Additional information (attach supporting information, e.g. borehole logs, records, etc. you consider relevant to your application)

Architect

Stand

PRELIMINARY
NOT FOR CONSTRUCTION



EAGLE
BUILDERS


County of Warner, Alberta

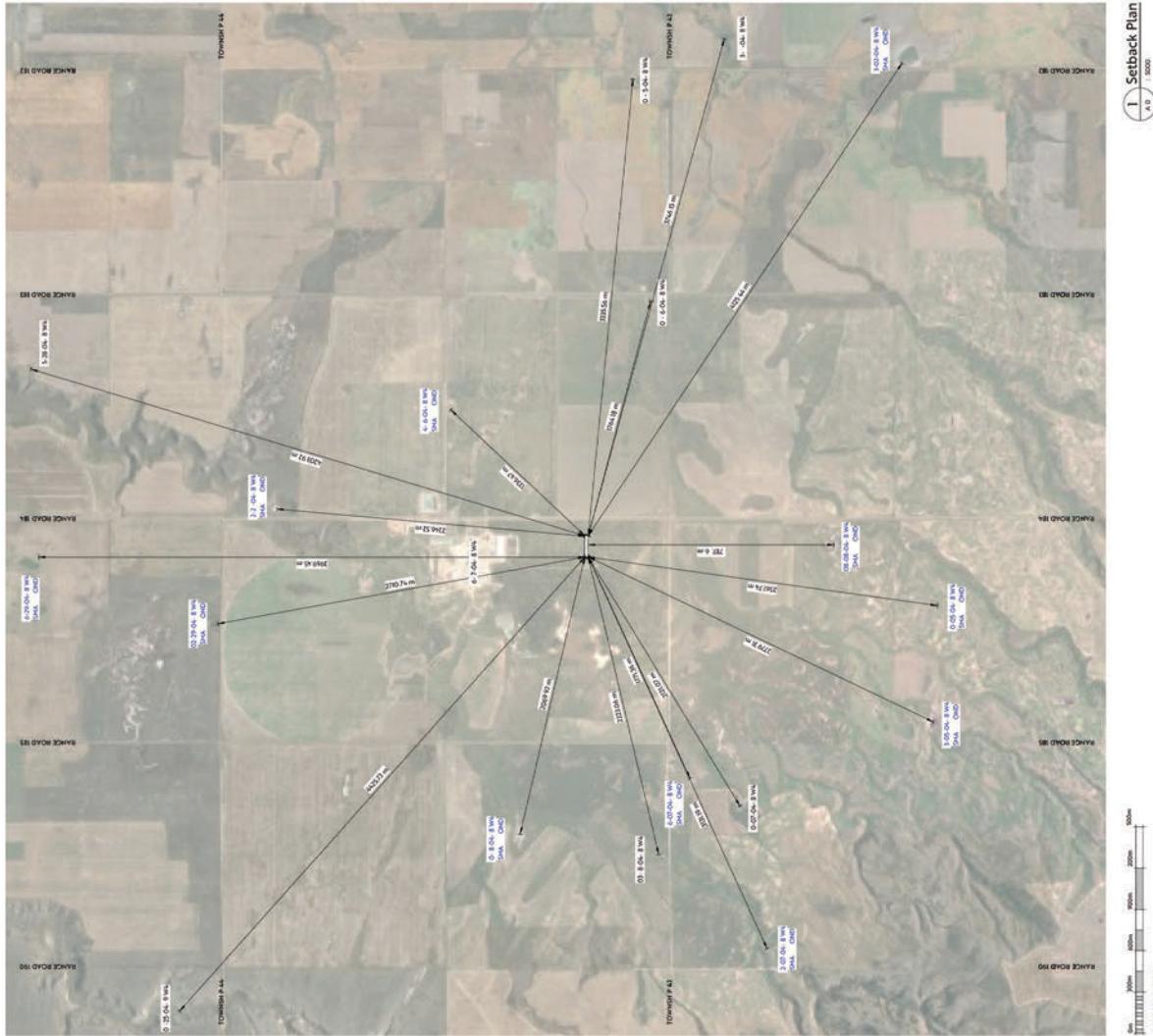
16-17-04-18 ולו

10-10

Project No:	A25311
Date:	2025 06 06 22:48 PM
Drawn by:	JC, LH, TR
Checked by:	JC
Sheet Name:	

Setback Plan

A101



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NRCB | Natural Resources Conservation Board

PARTNERSHIP AGREEMENT REGARDING THE PROPOSED MANURE STORAGE FACILITY

LAND BASE FOR MANURE AND COMPOST APPLICATION (complete only if an increase in livestock or manure production will occur)

* If you are **not** the registered landowner, you must attach copies of land use agreements signed by all landowners.

** Available manure spreading area (excluding setback areas from residences, common bodies of water, water wells, etc. as identified in Agdex 096-5 **Manure Spreading Regulations**)

*** Brown, dark brown; black; grey wooded; or irrigated

Additional information (attach any additional information as required)

CANADA - ALBERTA
Crop Insurance

**Crop: Statement of Reported
Production**

2024
Crop Year

Resolved: 13-Jan-2025

Sunnysite Hutterian Brethren
PO Box 180
Warner, AB T0K 2L0

Deferred Date

Land Location Pt-Sec-Twp-Rge-M	Reported Acres
SE-12-004-19-4	9.0
SW-12-004-19-4	7.0
NE-13-004-19-4	16.0
SE-13-004-19-4	106.0
S-24-005-18-4	220.0
ALL-20-004-18-4	370.0

Application / Assessment Page 15 of 32

----- STORED & FED PRODUCTION -----			
Reported Production	Test Weight	% Dockage	Net Production Kg
Agricultural Product			

Production
To Count
Kg

Grade
Factor

Net
Production
Kg

Adjusted Yield to count will be the greater of the calculated value or uninsured causes from the appraised acres .

Resolved: 13-Jan-2025

Sunnysite Hutterian Brethren
PO Box 180
Warner, AB T0K 2L0

Deferred Date [REDACTED]

Please check this statement carefully to determine whether the information used in the calculation is correct. Notify AFSC in writing of all errors within 15 calendar days of receipt of this statement. Failure to notify AFSC of any error within 15 calendar days will constitute your acceptance of the numbers and calculations set out within this statement.

To ensure program integrity AFSC conducts a percentage of production reviews on HPRs submitted by clients . If your HPR is selected for a review, an adjuster will contact you to make an appointment.

----- FIELD DOCUMENTATION -----

Land Location Pt-Sec-Twp-Rge-M	[REDACTED]	Reported Acres	[REDACTED]	[REDACTED]
NE-01-004-18-4	[REDACTED]	141.0	[REDACTED]	[REDACTED]
NW-01-004-18-4	[REDACTED]	109.0	[REDACTED]	[REDACTED]
SW-01-004-18-4	[REDACTED]	128.0	[REDACTED]	[REDACTED]
NE-05-004-18-4	[REDACTED]	68.0	[REDACTED]	[REDACTED]
NW-05-004-18-4	[REDACTED]	53.0	[REDACTED]	[REDACTED]
SW-05-004-18-4	[REDACTED]	74.0	[REDACTED]	[REDACTED]
SE-06-004-18-4	[REDACTED]	23.0	[REDACTED]	[REDACTED]
SW-10-004-18-4	[REDACTED]	35.0	[REDACTED]	[REDACTED]
S-15-004-18-4	[REDACTED]	53.0	[REDACTED]	[REDACTED]
SW-28-004-18-4	[REDACTED]	51.0	[REDACTED]	[REDACTED]
NW-01-004-19-4	[REDACTED]	89.0	[REDACTED]	[REDACTED]
NW-12-004-19-4	[REDACTED]	73.0	[REDACTED]	[REDACTED]
SE-12-004-19-4	[REDACTED]	23.0	[REDACTED]	[REDACTED]
SW-12-004-19-4	[REDACTED]	87.0	[REDACTED]	[REDACTED]
NE-13-004-19-4	[REDACTED]	119.0	[REDACTED]	[REDACTED]
NW-13-004-19-4	[REDACTED]	24.0	[REDACTED]	[REDACTED]
SE-13-004-19-4	[REDACTED]	19.0	[REDACTED]	[REDACTED]
SW-13-004-19-4	[REDACTED]	112.0	[REDACTED]	[REDACTED]
NW-28-004-18-4	[REDACTED]	98.0	[REDACTED]	[REDACTED]



Sustainable Canadian
Agricultural Partnership



Canada

Resolved: 13-Jan-2025

Sunnysite Hutterian Brethren
PO Box 180
Warner, AB T0K 2L0

Deferred Date [REDACTED]

Land Location Pt-Sec-Twp-Rge-M	[REDACTED]	Reported Acres	[REDACTED]
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N-29-003-17-4	[REDACTED]	309.0	[REDACTED]
NE-32-003-17-4	[REDACTED]	155.0	[REDACTED]
NW-32-003-17-4	[REDACTED]	160.0	[REDACTED]
SE-32-003-17-4	[REDACTED]	160.0	[REDACTED]
SW-32-003-17-4	[REDACTED]	155.0	[REDACTED]
NE-02-004-18-4	[REDACTED]	43.0	[REDACTED]
NW-02-004-18-4	[REDACTED]	1.0	[REDACTED]
NE-03-004-18-4	[REDACTED]	5.0	[REDACTED]
NW-03-004-18-4	[REDACTED]	129.0	[REDACTED]
NE-04-004-18-4	[REDACTED]	53.0	[REDACTED]
SE-04-004-18-4	[REDACTED]	113.0	[REDACTED]
SE-10-004-18-4	[REDACTED]	65.0	[REDACTED]
SW-10-004-18-4	[REDACTED]	108.0	[REDACTED]
S-11-004-18-4	[REDACTED]	275.0	[REDACTED]
NW-28-004-18-4	[REDACTED]	17.0	[REDACTED]
SW-28-004-18-4	[REDACTED]	5.0	[REDACTED]
N-29-004-18-4	[REDACTED]	144.0	[REDACTED]
SE-32-004-18-4	[REDACTED]	23.0	[REDACTED]
SW-33-004-18-4	[REDACTED]	35.0	[REDACTED]
NE-29-004-18-4	[REDACTED]	116.0	[REDACTED]



**Sustainable Canadian
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Canada

Sunnysite Hutterian Brethren
PO Box 180
Warner, AB T0K 2L0

Deferred Date [REDACTED]

Land Location
Pt-Sec-Twp-Rge-M

Reported
Acres

SW-33-004-18-4	[REDACTED]	98.0
NE-17-004-18-4	[REDACTED]	73.0
NW-17-004-18-4	[REDACTED]	9.0
SE-17-004-18-4	[REDACTED]	147.0
SW-17-004-18-4	[REDACTED]	53.0
S-21-004-18-4	[REDACTED]	92.0
S-21-004-18-4	[REDACTED]	108.0
NE-10-004-18-4	[REDACTED]	50.0
NW-10-004-18-4	[REDACTED]	74.0
NW-13-004-18-4	[REDACTED]	130.0
S-15-004-18-4	[REDACTED]	240.0
S-24-004-18-4	[REDACTED]	293.0
NE-02-004-18-4	[REDACTED]	33.0
NW-02-004-18-4	[REDACTED]	102.0
SE-02-004-18-4	[REDACTED]	133.0
SW-02-004-18-4	[REDACTED]	101.0
NW-28-002-15-4	[REDACTED]	130.0
S-32-002-15-4	[REDACTED]	300.0
SW-33-002-15-4	[REDACTED]	151.0
ALL-13-003-16-4	[REDACTED]	568.0



**Sustainable Canadian
Agricultural Partnership**



Alberta
Government

Canada

Resolved: 13-Jan-2025

Sunnysite Hutterian Brethren
PO Box 180
Warner, AB T0K 2L0

Deferred Date [REDACTED]

Land Location
Pt-Sec-Twp-Rge-M

Reported
Acres

N-16-004-18-4	[REDACTED]	90.0
S-16-004-18-4	[REDACTED]	221.0
SW-17-004-18-4	[REDACTED]	44.0
NE-16-004-18-4	[REDACTED]	124.0
NW-16-004-18-4	[REDACTED]	106.0
SW-22-002-15-4	[REDACTED]	153.0
NW-26-002-15-4	[REDACTED]	128.0
S-30-002-15-4	[REDACTED]	310.0
SW-35-002-15-4	[REDACTED]	65.0
NW-08-002-16-4	[REDACTED]	154.0
NW-06-002-17-4	[REDACTED]	149.0
SE-07-002-17-4	[REDACTED]	121.0
ALL-04-003-16-4	[REDACTED]	276.0
ALL-08-003-16-4	[REDACTED]	268.0
W-09-003-16-4	[REDACTED]	141.0
NE-04-004-18-4	[REDACTED]	69.0
NW-04-004-18-4	[REDACTED]	156.0
SE-04-004-18-4	[REDACTED]	6.0
SW-04-004-18-4	[REDACTED]	88.0
NE-05-004-18-4	[REDACTED]	57.0



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Canada

Sunnysite Hutterian Brethren
PO Box 180
Warner, AB T0K 2L0

Deferred Date [REDACTED]

Land Location Pt-Sec-Twp-Rge-M	[REDACTED]	Reported Acres	[REDACTED]
SE-05-004-18-4	[REDACTED]	136.0	[REDACTED]
SW-05-004-18-4	[REDACTED]	27.0	[REDACTED]
NE-15-004-18-4	[REDACTED]	160.0	[REDACTED]
SW-06-004-18-4	[REDACTED]	86.0	[REDACTED]
ALL-08-004-18-4	[REDACTED]	334.0	[REDACTED]
NE-10-004-18-4	[REDACTED]	95.0	[REDACTED]
NW-10-004-18-4	[REDACTED]	10.0	[REDACTED]
SE-10-004-18-4	[REDACTED]	25.0	[REDACTED]
NW-17-004-18-4	[REDACTED]	47.0	[REDACTED]
ALL-20-004-18-4	[REDACTED]	137.0	[REDACTED]
N-21-004-18-4	[REDACTED]	38.0	[REDACTED]
SW-22-004-18-4	[REDACTED]	79.0	[REDACTED]
W-27-004-18-4	[REDACTED]	320.0	[REDACTED]
SE-28-004-18-4	[REDACTED]	155.0	[REDACTED]
SW-28-004-18-4	[REDACTED]	28.0	[REDACTED]
SE-29-004-18-4	[REDACTED]	80.0	[REDACTED]
SE-01-004-19-4	[REDACTED]	84.0	[REDACTED]
SW-01-004-19-4	[REDACTED]	97.0	[REDACTED]
NE-12-004-19-4	[REDACTED]	146.0	[REDACTED]
NW-12-004-19-4	[REDACTED]	16.0	[REDACTED]



**Sustainable Canadian
Agricultural Partnership**



Canada

Name: Sunny Site Colony Farming Co Ltd
 Address:
 Legal Land:
 Location:

MDS Spreadsheet based on 2006 AOPA Regulations

Category of Livestock	Type of Livestock	Factor A	Technology Factor	MU	LSU Factor	Number of Animals	LSU
Feedlot Animals	Beef Cows/Finishers (900+ lbs)	0.700	0.700	0.910	0.4459		-
	Beef Feeders (450 - 900 lbs)	0.700	0.700	0.500	0.2450	300	73.5
	Beef Feeder Calves (<550 lbs)	0.700	0.700	0.275	0.1348		-
	Horses - PMU	0.650	0.700	1.000	0.4550		-
	Horses - Feeders > 750 lbs	0.650	0.700	1.000	0.4550		-
	Horses - Foals < 750 lbs	0.650	0.700	0.300	0.1365		-
	Mules	0.600	0.700	1.000	0.4200		-
	Donkeys	0.600	0.700	0.670	0.2814		-
	Bison	0.600	0.700	1.000	0.4200		-
	Other						-
Dairy (*count lactating cows only)	Free Stall - Lactating Cows with all associated dries, heifers, and calves*	0.800	1.100	2.000	1.7600	110	193.6
	Free Stall - Lactating Cows with Dry Cows only*	0.800	1.100	1.640	1.4432		-
	Free Stall - Lactating Cows only	0.800	1.100	1.400	1.2320		-
	Tie Stall - Lactating Cows only	0.800	1.000	1.400	1.1200		-
	Loose Housing - Lactating Cows only	0.800	1.000	1.400	1.1200		-
	Dry Cow	0.800	0.700	1.000	0.5600		-
	Replacements - Bred Heifers (Breeding to Calving)	0.800	0.700	0.875	0.4900		-
	Replacements - Growing Heifers (350 lbs to breeding)	0.800	0.700	0.525	0.2940		-
	Calves (< 350 lbs)	0.800	0.700	0.200	0.1120		-
	Other						-
Swine Liquid (*count sows only)	Farrow to finish *	2,000	1.100	1.780	3,9160		-
	Farrow to wean *	2,000	1.100	0.670	1,4740		-
	Farrow only *	2,000	1.100	0.530	1,1660		-
	Feeders/Boars	2,000	1.100	0.200	0.4400		-
	Growers/Roasters	2,000	1.100	0.118	0.2600		-
	Weaners	2,000	1.100	0.055	0.1210		-
Swine Solid (*Count sows only)	Farrow to finish *	2,000	0.800	1.780	2,8480		-
	Farrow to wean *	2,000	0.800	0.670	1,0720		-
	Farrow only *	2,000	0.800	0.530	0.8480		-
	Feeders/Boars	2,000	0.800	0.200	0.3200		-
	Growers/Roasters	2,000	0.800	0.118	0.1888		-
	Weaners	2,000	0.800	0.055	0.0880		-
Poultry	Other						-
	Chicken - Breeders - Solid	1,000	0.700	0.010	0.0070		-
	Chicken - Layers - Liquid (includes associated pullets)	2,000	1.100	0.008	0.0176		-
	Chicken - Layers - (Belt Cage)	2,000	0.700	0.008	0.0112	65,000	728.0
	Chicken - Layers - (Deep Pit)	2,000	0.700	0.008	0.0112		-
	Chicken - Pullets/Broilers	1,000	0.700	0.002	0.0014	31,000	43.4
	Turkey - Toms/Breeders	1,000	0.700	0.020	0.0140		-
	Turkey - Hens (light)	1,000	0.700	0.013	0.0091		-
	Turkey - Broilers	1,000	0.700	0.010	0.0070	300	2.1
	Ducks	1,000	0.700	0.010	0.0070	1,000	7.0
Sheep and Goats	Geese	1,000	0.700	0.020	0.0140		-
	Other						-
	Sheep - Ewes/Rams	0.600	0.700	0.200	0.0840		-
	Sheep - Ewes with lambs	0.600	0.700	0.250	0.1050		-
	Sheep - Lambs	0.600	0.700	0.050	0.0210		-
	Sheep - Feeders	0.600	0.700	0.100	0.0420		-
	Goats - Meat/Milk (per Ewe)	0.700	0.700	0.170	0.0833		-
Cervid	Goats - Nannies/Billies	0.700	0.700	0.140	0.0686		-
	Goats - Feeders	0.700	0.700	0.077	0.0377		-
	Other						-
Wild Boar	Elk	0.600	0.700	0.600	0.2520		-
	Deer	0.600	0.700	0.200	0.0840		-
	Other						-
For New Operations	Feeders	2,000	0.800	0.140	0.2240	-	-
	Sow (farrowing)	2,000	0.800	0.371	0.5936	-	-
	Other					-	-

Total 1,047.6

Dispersion Factor 1

Category	Odour Objective	Distance	
		Feet	Metres
1	41.04	1,704	519
2	54.72	2,272	693
3	68.4	2,841	866
4	109.44	4,545	1,385

For Expanding Operations

Dispersion Factor 1
 Expansion Factor 0.77

Category	Odour Objective	Distance	
		Feet	Metres
1	41.04	1,312	400
2	54.72	1,750	533
3	68.40	2,187	667
4	109.44	3,500	1,067

Name Sunny Site Colony Farming Co Ltd
 Address 0
 Legal Land
 Location 0

Landbase Requirements (hectares) based on 2006 AOPA requirements

Category of Livestock	Type of Livestock	Number of Animals	Dark Brown & Brown (ha)	Grey Wooded (ha)	Black (ha)	Irrigated (ha)
Feedlot Animals	Cows/Finishers (900+ lbs)	0.0	0.0	0.0	0.0	0.0
	Feeders (450 - 900 lbs)	300.0	24.0	20.1	15.0	12.0
	Feeder Calves (<550 lbs)	0.0	0.0	0.0	0.0	0.0
	Horses - PMU	0.0	0.0	0.0	0.0	0.0
	Horses - Feeders > 750 lbs	0.0	0.0	0.0	0.0	0.0
	Horses - Foals < 750 lbs	0.0	0.0	0.0	0.0	0.0
	Mules	0.0	0.0	0.0	0.0	0.0
	Donkeys	0.0	0.0	0.0	0.0	0.0
	Bison	0.0	0.0	0.0	0.0	0.0
	Other	0.0				
Dairy (*count lactating cows only)	Free Stall - Lactating Cows with all associated dries, heifers, and calves*	110.0	163.4	136.1	102.1	81.6
	Free Stall - Lactating Cows with Dry Cows only *	0.0	0.0	0.0	0.0	0.0
	Free Stall - Lactating Cows only*	0.0	0.0	0.0	0.0	0.0
	Tie Stall - Lactating Cows only	0.0	0.0	0.0	0.0	0.0
	Loose Housing - Lactating Cows only	0.0	0.0	0.0	0.0	0.0
	Dry Cow (Solid manure)	0.0	0.0	0.0	0.0	0.0
	Dry Cow (Liquid manure)	0.0	0.0	0.0	0.0	0.0
	Replacements - Bred Heifers (Breeding to Calving)	0.0	0.0	0.0	0.0	0.0
	Replacements - Growing Heifers (350 lbs to breeding)	0.0	0.0	0.0	0.0	0.0
	Calves (< 350 lbs)	0.0	0.0	0.0	0.0	0.0
Swine Liquid (*count sows only)	Other	0.0				
	Farrow to finish *	0.0	0.0	0.0	0.0	0.0
	Farrow to wean *	0.0	0.0	0.0	0.0	0.0
	Farrow only *	0.0	0.0	0.0	0.0	0.0
	Feeders/Boars	0.0	0.0	0.0	0.0	0.0
	Growers/Roasters	0.0	0.0	0.0	0.0	0.0
Swine Solid (*Count sows only)	Weaners	0.0	0.0	0.0	0.0	0.0
	Other	0.0				
	Farrow to finish *	0.0	0.0	0.0	0.0	0.0
	Farrow to wean *	0.0	0.0	0.0	0.0	0.0
	Farrow only *	0.0	0.0	0.0	0.0	0.0
	Feeders/Boars	0.0	0.0	0.0	0.0	0.0
Poultry	Growers/Roasters	0.0	0.0	0.0	0.0	0.0
	Weaners	0.0	0.0	0.0	0.0	0.0
	Other	0.0				
	Chicken - Breeders - Solid	0.0	0.0	0.0	0.0	0.0
	Chicken - Layers - Liquid (includes associated pullets)	0.0	0.0	0.0	0.0	0.0
	Chicken - Layers - (Belt Cage)	65000.0	357.5	299.0	221.0	182.0
	Chicken - Layers - (Deep Pit)	0.0	0.0	0.0	0.0	0.0
	Chicken - Pullet/Broilers	31000.0	100.8	84.0	62.9	50.5
	Turkey - Toms/Breeders	0.0	0.0	0.0	0.0	0.0
	Turkey - Hens (light)	0.0	0.0	0.0	0.0	0.0
Goats and Sheep	Turkey - Broilers	300.0	1.6	1.3	1.0	0.8
	Ducks	1000.0	1.6	1.3	1.0	0.8
	Geese	0.0	0.0	0.0	0.0	0.0
	Other	0.0				
	Sheep - Ewes/Rams	0.0	0.0	0.0	0.0	0.0
	Sheep - Ewes with lambs	0.0	0.0	0.0	0.0	0.0
	Sheep - Lambs	0.0	0.0	0.0	0.0	0.0
Cervid	Sheep - Feeders	0.0	0.0	0.0	0.0	0.0
	Goats - Meat/Milk (per Ewe)	0.0	0.0	0.0	0.0	0.0
	Goats - Nannies/Billies	0.0	0.0	0.0	0.0	0.0
	Goats - Feeders	0.0	0.0	0.0	0.0	0.0
Wild Boar	Other	0.0				
	Elk	0.0	0.0	0.0	0.0	0.0
	Deer	0.0	0.0	0.0	0.0	0.0
Wild Boar	Other	0.0				
	Feeders	0.0	0.0	0.0	0.0	0.0
	Sow (farrowing)	0.0	0.0	0.0	0.0	0.0
Wild Boar	Other	0.0				

Total Hectares	649	541.8	403.0	327.7
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Total Acres	1,603	1338.8	995.8	809.8
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Part 2 – Technical Requirements

Application under the Agricultural Operation Practices Act for a confined feeding operation, manure collection area and/or manure storage facility(ies)

SOLID MANURE, COMPOST, & COMPOSTING MATERIALS: Barns, feedlots, & storage facilities - Concrete liner

(complete a copy of this section for **EACH** barn, feedlot, and storage facility for solid manure, composting materials, or compost with a concrete liner)

Facility description / name (as indicated on site plan)

1. Layher Barn with attached manure storage room
2. Pullet Barn with attached manure storage room

Manure storage capacity

	Length (m)	Width (m)	Depth below grade to the bottom of the liner (m)	NRBC USE ONLY Estimated storage capacity (m ³)
1.	490 ft long 500 ft	130 ft wide	At Grade	
2.	370 ft long 300 60 ft	50 ft wide 30 ft	At Grade	
			TOTAL CAPACITY	

I plan to use a short-term solid manure storage (STMS) as part of my manure storage and handling plan for this CFO. The AOPA requirements for STMS are set out in the NRBC [Short-Term Solid Manure Storage Requirements Fact Sheet](#).

Surface water control systems

Describe the run-on and runoff control system

Under Roof no run-on or Run-off

Liner protection

Describe how the physical integrity of the liner will be maintained

Seal cracks as needed

NRBC USE ONLY

Requirements met: YES NO

Part 2 – Technical Requirements

Application under the Agricultural Operation Practices Act for a confined feeding operation, manure collection area and/or manure storage facility(ies)

SOLID MANURE, COMPOST, & COMPOSING MATERIALS: Barns, feedlots, & storage facilities - Concrete liner (cont.)

Concrete liner details

Concrete thickness <i>5 inches</i>	Method of sulphate protection: <i>Type 50</i>
Concrete strength <i>25 mpa</i>	Concrete reinforcement size and spacing 10 mm rebar, 12" spacing on centre
Concrete requirements can be found in Technical Guideline Agdex 096-93	
Guideline minimums: Solid manure: 25MPa (D) Solid manure (wet): 30MPa (C) Method of sulphate protection: Type 50 or Type 10 with fly ash or equivalent	NRCC USE ONLY Requirements met: <input type="checkbox"/> YES <input type="checkbox"/> NO Condition required: <input type="checkbox"/> YES <input type="checkbox"/> NO Report attached: <input type="checkbox"/> YES <input type="checkbox"/> NO

Additional information (attach as required)

NRCC USE ONLY

Nine month manure storage volume requirements met YES YES With STMS NO

Depth to water table: _____ Requirements met: YES NO

Depth to Uppermost groundwater resource: _____ Requirements met: YES NO

ERST completed: see ERST page for details

Surface water control systems

Requirements met: YES NO Details/comments:

Concrete liner details

Leakage detection system required: YES NO If yes, please explain why.

Sunny Site Colony

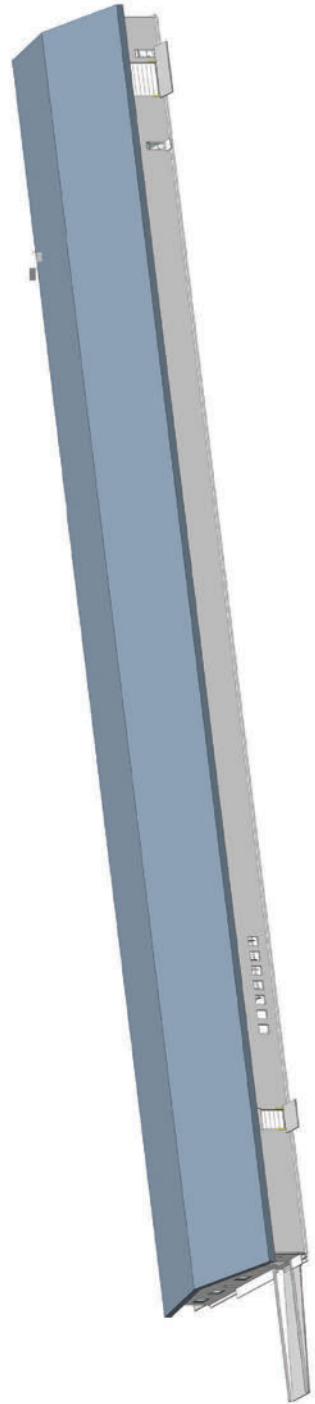
Architect:

Stoner
PRELIMINARY
NOT FOR CONSTRUCTION

Aggregate
design studio ltd.
EAGLE
BUILDERS

SYMBOL LEGEND

CONNECTION		CONNECTION	
WIR. R. HC		WIR. R. HC	
Op. Panel B		Op. Panel B	
DOOR B		DOOR B	
DOOR R. R. HC		DOOR R. R. HC	
DOOR Hinge R.		DOOR Hinge R.	
D. ICE. T.OH		D. ICE. T.OH	
VAT.DOH		VAT.DOH	
Balance Hinge R.		Balance Hinge R.	
SH. THIN. B.		SH. THIN. B.	
Balance Hinge R.		Balance Hinge R.	
SH. THIN. B.		SH. THIN. B.	
W.HDOW. R. R. HC		W.HDOW. R. R. HC	
VAT.DOH		VAT.DOH	
SH. THIN. T		SH. THIN. T	
Balance Hinge R.		Balance Hinge R.	
Hinge R.		Hinge R.	
SH. THIN. B.		SH. THIN. B.	



Sunny Site Colony
Layer Barn

16-17-04-18 W4

County of Warner, Alberta

Sheet No. A25052 Date: 2025-06-04 09:05 PM
Drawing No.: JC_TB
Drawn By:
Checked By:
Supervised By:
Approved By:

Index

A000

Layer Barn

County of Warner, Alberta

Architect:

Stoner

PRELIMINARY

NOT FOR CONSTRUCTION

Aggregate
design studio ltd.



CONSTRUCTION LEGEND

H W BATT D/WA
H W GCF/WA
X STIC/WA
B NO SH D/WA
H WOOD

K STIC DOOR

NOTE

1. BATT WOOD, B BASE OUTLINE ISD O AND B
COURSING IN THE FLOOR TO ADD NO. 9
2. A S. AND CHASING

DRW

2 DRW

4 DRW

6 DRW

8 DRW

10 DRW

12 DRW

14 DRW

16 DRW

18 DRW

20 DRW

22 DRW

24 DRW

26 DRW

28 DRW

30 DRW

32 DRW

34 DRW

36 DRW

38 DRW

40 DRW

42 DRW

44 DRW

46 DRW

48 DRW

50 DRW

52 DRW

54 DRW

56 DRW

58 DRW

60 DRW

62 DRW

64 DRW

66 DRW

68 DRW

70 DRW

72 DRW

74 DRW

76 DRW

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88 DRW

90 DRW

92 DRW

94 DRW

96 DRW

98 DRW

100 DRW

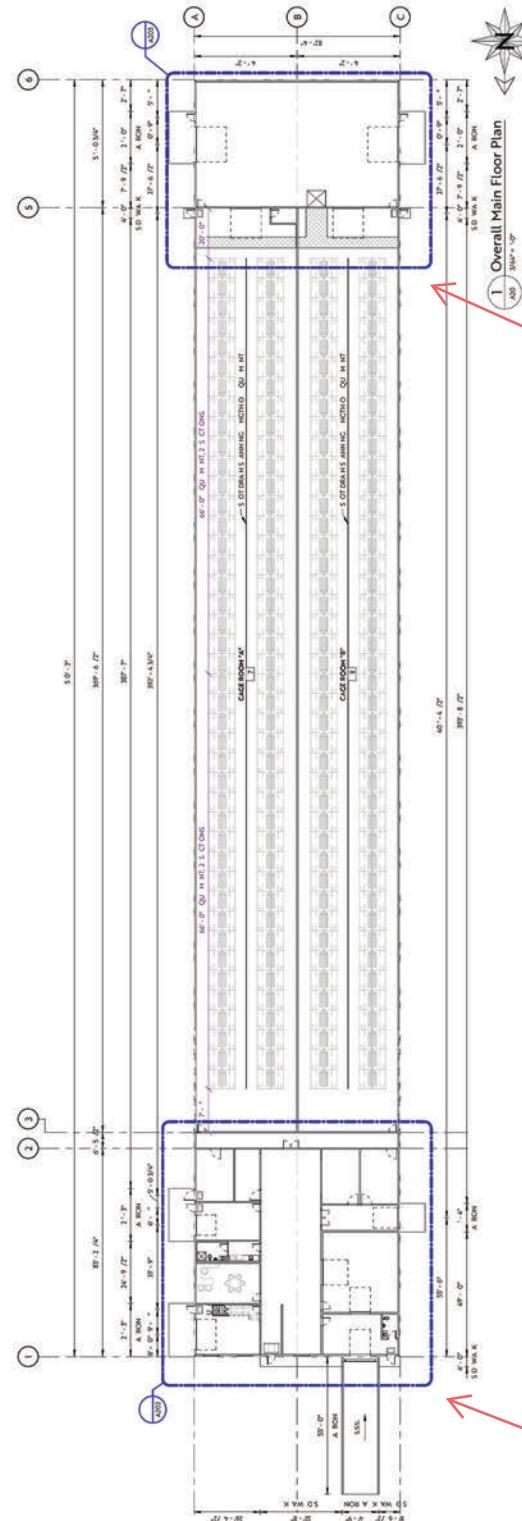
Layern Site Colony

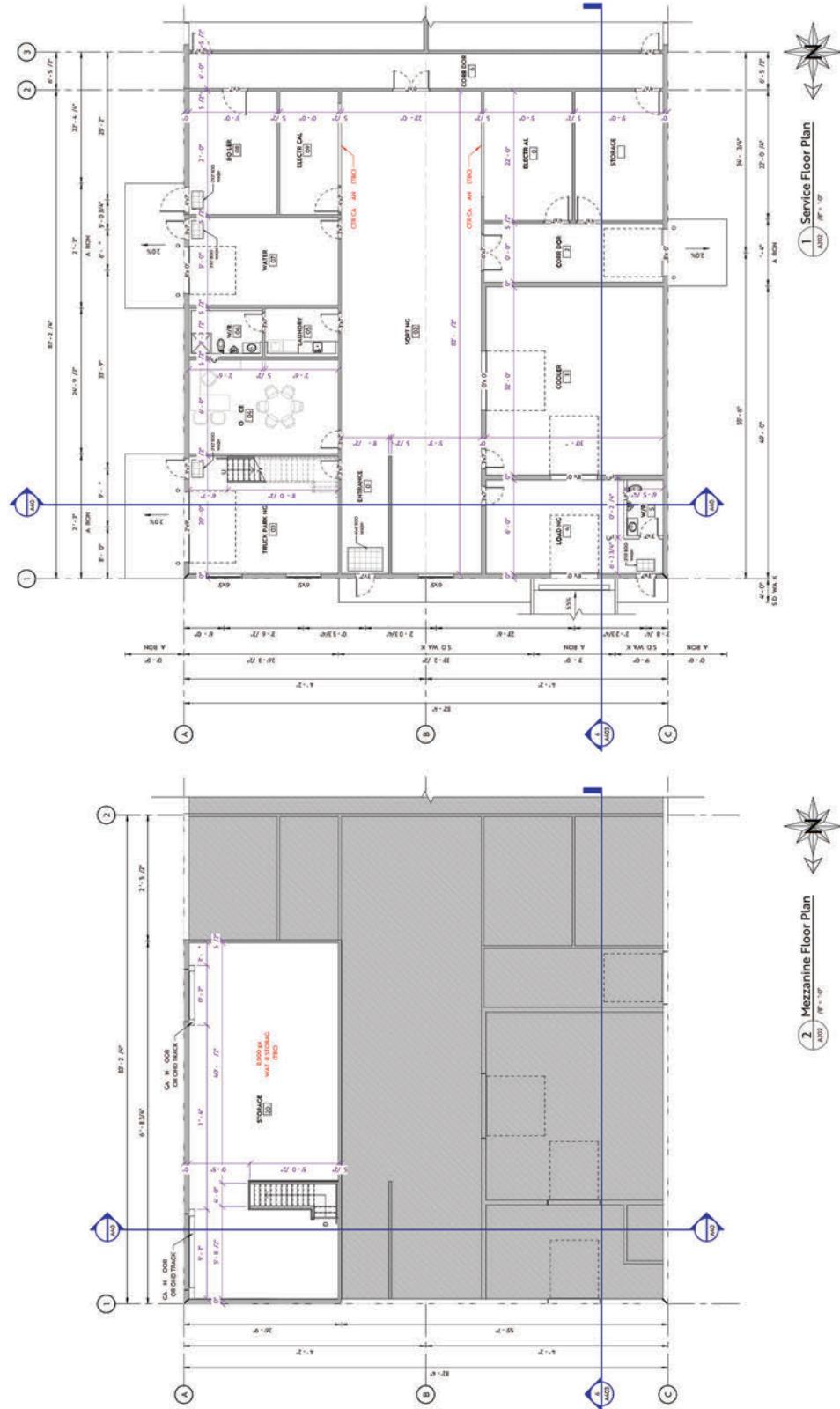
County of Warner, Alberta

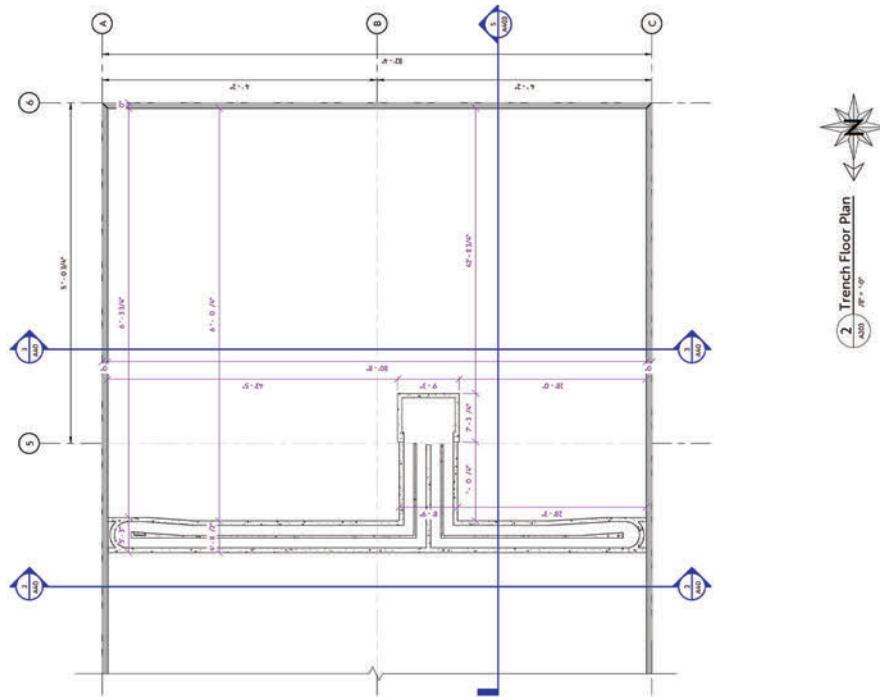
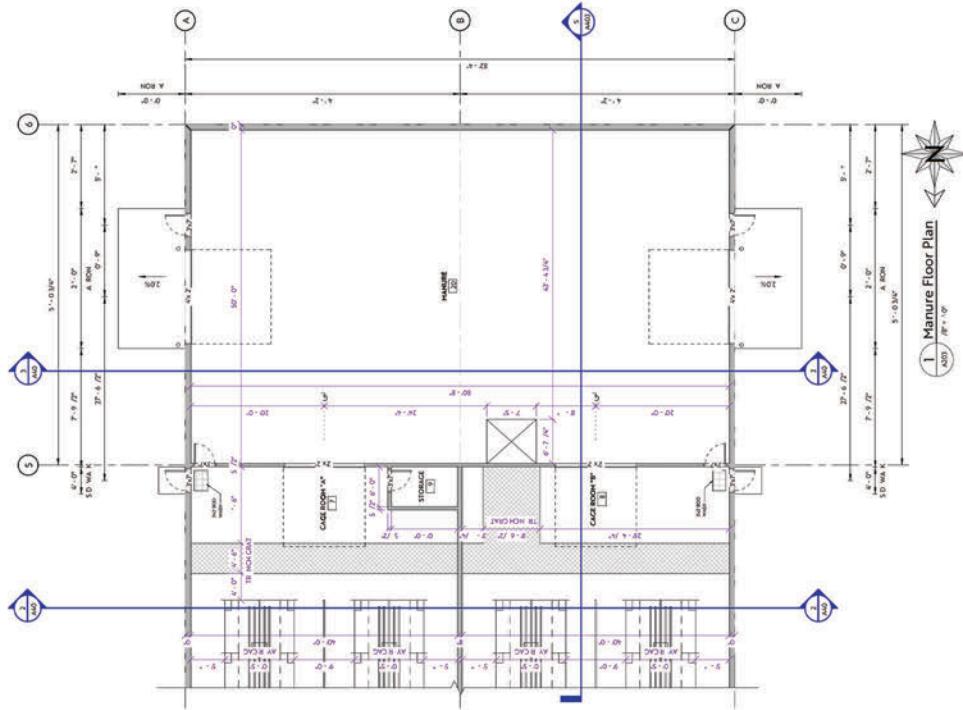
16-17-04-18 W4

Project No.: A2011
Date: 2020-06-04 09:05 PM
Designed By: JC TR
Checked By:
Signed Name:

Floor Plan
Overall







Architect:

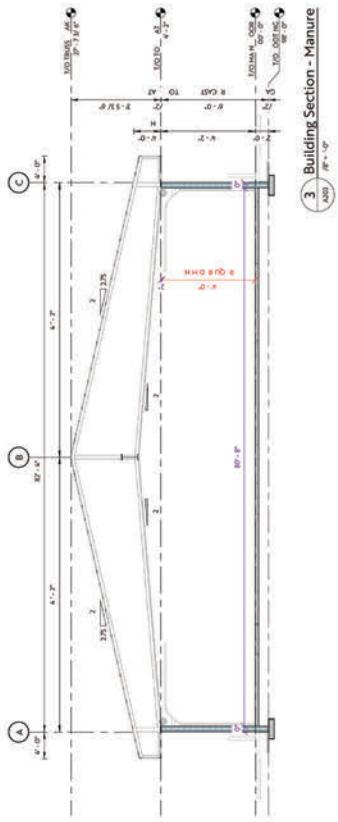
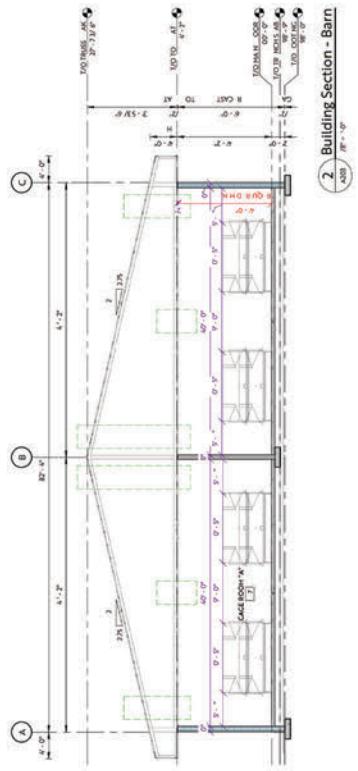
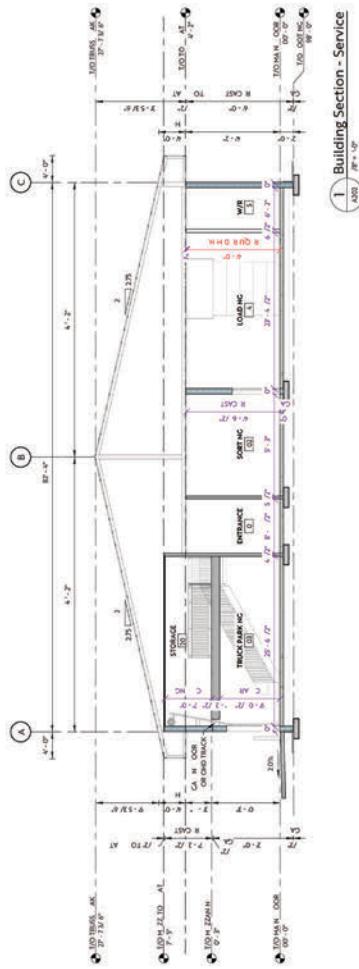


County of Warner, Alberta
Layer Barn
Sunny Site Colony

16-17-04-18 W4

Project No.: A25052
Date: 2025-06-04 09:07 PM
Drawn By: JC TR
Checked By:
Supervised By:
Building Sections

A401



Architect

20015

PRELIMINARY
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Sunny Site Colony
Layer Barn

16-17-04-1

County of Warner, Alberta

The figure shows a detailed architectural floor plan of a building section, specifically the 'Service Cable' section. The plan includes various rooms and structural elements. Key features include:

- Rooms:** COOLER, STOREROOM, CLOSET, BATH, KITCHEN, PANTRY, and several unlabelled rooms.
- Walls:** Wall thicknesses are indicated as 8'-0" or 10'-0".
- Doors:** Multiple doors are shown, some with specific dimensions like 3'-0" x 7'-0".
- Windows:** Several windows are shown, some with dimensions like 3'-0" x 7'-0".
- Service Cables:** A network of blue lines representing service cables is shown throughout the section.
- Annotations:** Various annotations provide specific details for certain sections, such as "8'-0" x 7'-0" D.D.H.N.", "8'-0" x 7'-0" C.O.", and "8'-0" x 7'-0" C.O. 10'-0"".
- Section Labels:** Labels like "SECTION 1-1" and "SECTION 2-2" are present.
- Notes:** Notes such as "DO NOT REMOVE" and "DO NOT PULL" are included.

10

A403

46. wide
385' " long

