

- 2- Could result in incomplete combustion of chemicals resulting in the release of toxic compounds into the air.

GENERAL NOTES

DESIGN AND CONSTRUCTION

1. THE 2020 NATIONAL BUILDING CODE OF CANADA, 2024 MANITOBA BUILDING CODE, AND ALL LATEST REVISIONS OR AMENDMENTS, SHALL BE THE BASIS FOR DESIGN AND CONSTRUCTION OF ALL WORK.
2. CONTRACTOR AND/OR SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS BEFORE CONSTRUCTION OR FABRICATION. SHOULD FIELD CONDITIONS VARY FROM DESIGN DRAWINGS THE ENGINEER SHALL BE NOTIFIED. ENGINEER'S APPROVAL SHALL BE OBTAINED FOR ANY DEVIATION FROM DESIGN DRAWINGS.
3. STECKLEY HAS NOT BEEN ENGAGED BY THE CLIENT TO PERFORM SITE REVIEWS OR TO ENSURE THAT COMPLETED WORK COMPLIES WITH DESIGN. SITE REVIEWS SHALL BE PERFORMED BY OTHERS.
4. DO NOT SCALE DRAWINGS. REFER TO DIMENSIONS PROVIDED.
5. CONTRACTOR SHALL PROVIDE ALL THE NECESSARY TEMPORARY BRACING AND SHORING AS REQUIRED FOR ALIGNMENT, LOADINGS, AND ERECTION STRESSES THE STRUCTURE MAY EXPERIENCE. CONTACT STECKLEY IF ASSISTANCE IS REQUIRED.

SITE

1. THE LOCATIONS OF UTILITIES ARE NOT SHOWN ON THESE DRAWINGS. THE ONUS LIES UPON THE CONTRACTOR TO ASCERTAIN AT HIS OWN EXPENSE THE EXACT LOCATIONS OF EACH UTILITY.
2. UNLESS OTHERWISE SPECIFIED ON ENGINEERED LOT GRADING DRAWINGS, EXTERIOR GRADE SHALL BE MINIMUM 6" BELOW FLOOR ELEVATION. EXIT PADS AND EXTERIOR CONCRETE SLABS MAY MEET THE BUILDING AT THE FLOOR ELEVATION, BUT SHALL BE GRADED AWAY FROM THE BUILDING AT A MINIMUM OF 2.0% FOR AT LEAST 10'.
3. PROVIDE DOWNSPOUTS AS REQUIRED. ALL DOWNSPOUTS SHALL HAVE A 4" LEADER OR SPLASH PAD.

FOUNDATION

1. FOUNDATION HAS BEEN DESIGNED FOR A ULS BEARING CAPACITY OF 1700psf (1200 psf SLS CAPACITY). WHERE CAPACITY IS NOT AVAILABLE, CONTACT STECKLEY.

CONCRETE

1. CONCRETE SHALL BE MANUFACTURED AND PLACED IN ACCORDANCE WITH THE LATEST VERSION OF CSA A23.1/23.2 "CONCRETE MATERIALS AND METHODS OF CONCRETE CONSTRUCTION/TEST METHODS AND STANDARD PRACTICES FOR CONCRETE"
2. THE CONTRACTOR SHALL WORK WITH THE CONCRETE SUPPLIER TO ENSURE THAT THE CONTRACTOR'S CRITERIA FOR CONSTRUCTION AND PLACEMENT AND ENGINEER'S CRITERIA FOR PERFORMANCE ARE MET.
3. THE SUPPLIER SHALL PROVIDE CERTIFICATION THAT THE CONCRETE COMPLIES WITH THE PERFORMANCE CRITERIA SPECIFIED.
4. PROVIDE CERTIFICATION THAT THE CONCRETE COMPLIES WITH THE REQUIRED STRENGTH, DURABILITY, AND PERFORMANCE REQUIREMENTS SPECIFIED AND OF CSA-A23.1-09.
5. UNLESS OTHERWISE NOTED, CONCRETE SHALL BE AS FOLLOWS:

THICKENED EDGE

EXPOSURE CLASSIFICATION: S-2
CEMENT TYPE: HS
COMPRESSIVE STRENGTH: 32 MPa @ 56 DAYS
MAXIMUM AGGREGATE SIZE: 20mm (3/4")
AIR CATEGORY/ENTRAPMENT: 1/5-BK
CURING TYPE: 2 - ADDITIONAL

INTERIOR FLOOR SLAB (IF PLACED SEPARATELY)

EXPOSURE CLASSIFICATION: N
CEMENT TYPE: GU
COMPRESSIVE STRENGTH: 25 MPa @ 28 DAYS
MAXIMUM AGGREGATE SIZE: 20mm (3/4")
AIR CATEGORY/ENTRAPMENT: NONE
CURING TYPE: 1 - BASIC

EXTERIOR SLAB/PADS

EXPOSURE CLASSIFICATION: C-2
CEMENT TYPE: HS
COMPRESSIVE STRENGTH: 32 MPa @ 28 DAYS
MAXIMUM AGGREGATE SIZE: 20mm (3/4")
AIR CATEGORY/ENTRAPMENT: 1/5-BK
CURING TYPE: 2 - ADDITIONAL

*PLACEMENT OF THICKENED EDGE TO UNDERSIDE OF FLOOR SLAB AND SUBSEQUENT PLACEMENT FOR ENTIRE FLOOR SLAB IS RECOMMENDED FOR BEST FLOOR FINISH.

6. UNLESS OTHERWISE NOTED THE CONTRACTOR SHALL SPECIFY CONCRETE SLUMP APPROPRIATE WITH PLACEMENT METHODS AND SITE CONDITIONS. THE SPECIFIED SLUMP SHALL BE SHOWN ON THE CONCRETE DELIVERY TICKETS.
7. UNLESS OTHERWISE NOTED CONCRETE CURING TO CONFORM TO THE LATEST EDITION OF THE CSA-A23.1-09 AS FOLLOWS:

TYPE 1 - BASIC CURING

3 DAYS AT > 10°C OR FOR THE TIME NECESSARY TO ATTAIN 40% OF THE SPECIFIED STRENGTH.

TYPE 2 - ADDITIONAL CURING

7 DAYS TOTAL AT > 10°C AND FOR THE TIME NECESSARY TO ATTAIN 70% OF THE SPECIFIED STRENGTH.

TYPE 3 - EXTENDED WET CURING

A WET CURING PERIOD OF 7 DAYS AT > 10°C.

8. **COLD WEATHER PROTECTION:** CONCRETE CONTRACTOR SHALL HAVE ON HAND ALL MATERIALS AND EQUIPMENT NEEDED FOR ADEQUATE PROTECTION AND CURING IN ACCORDANCE WITH CSA-A23.1 BEFORE CONCRETE PLACEMENT IS STARTED WHERE THE AIR TEMPERATURE WILL BE LESS THAN 5°C WITHIN THE FIRST 72 HOURS OF CURING. MEASURES SHALL INCLUDE A SUITABLE COVERING OR INSULATION FOR FROM 0 TO 5°C AND COVERING PLUS SUPPLEMENTAL HEAT WHEN AIR TEMPERATURE IS EXPECTED TO BE LESS THAN 0°C. SUCH PROTECTION SHALL MAINTAIN THE TEMPERATURE OF THE IN PLACE CONCRETE ABOVE 10°C FOR A MINIMUM OF 3 DAYS.
9. **HOT WEATHER PROTECTION:** COVER SLAB WITH PLASTIC OR BURLAP WITHIN 4 TO 12 HOURS AFTER COMMENCING POUR AND MAINTAIN SLAB IN MOST COVERED STATE FOR 3 DAYS OR APPLY CURING COMPOUND IN STRICT CONFORMANCE TO MANUFACTURING RECOMMENDATIONS.
10. REMOVE ALL SURFACE ORGANICS, TOPSOIL, SOFT OR SPONGY AREAS AND PROOF ROLL SUBGRADE (BELOW FLOOR SLAB). REPLACE WITH A MINIMUM OF 5" WELL COMPACTED GRANULAR MATERIAL. COMPACT IN MAXIMUM 8" LIFTS.
11. CONCRETE SHALL BE PLACED IN FORMS WHICH ARE FREE OF STANDING OR FROZEN WATER. ALL PRECAUTIONS SHALL BE TAKEN FOR CONCRETE WHICH IS PLACED DURING COLD OR HOT WEATHER.
12. BEARING CONCRETE (i.e. FOOTINGS, THICKENED EDGES, AND INTERIOR SLABS) SHALL NOT BE PLACED WHERE FROST IS PRESENT IN THE GROUND BELOW. ENSURE THAT FROST DOES NOT PENETRATE THE GROUND BELOW AFTER CONCRETE PLACEMENT.
13. VAPOUR BARRIER JOINTS TO BE LAPPED MINIMUM 12" AND TAPED. SEAL VAPOUR BARRIER AROUND PERIMETER AND AT ALL PENETRATIONS.
14. NOTIFY 24 HOURS PRIOR TO CONCRETE PLACEMENT FOR SITE OBSERVATION.
15. GAS-PERMEABLE LAYER SHALL BE CRUSHED STONE OR GRAVEL CONTAINING NOT MORE THAN 10% FINE MATERIAL THAT WILL PASS THROUGH A 4mm SIEVE AND NO MATERIAL LARGER THAN 40mm (1 1/2"). GAS PERMEABLE LAYER SHALL BE COMPACTED.

REINFORCING STEEL

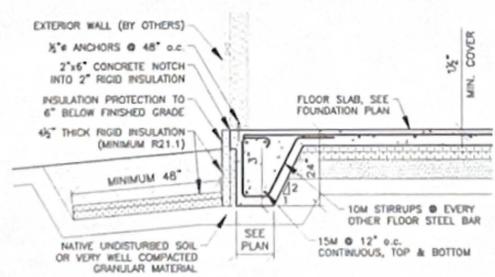
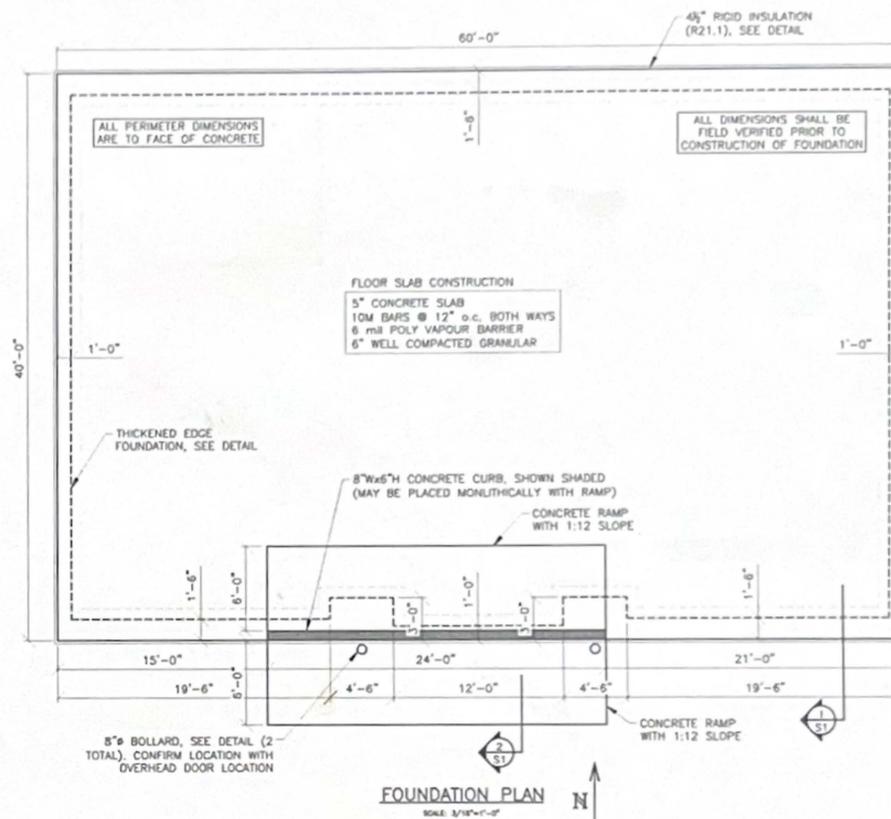
1. REINFORCING STEEL SHALL BE GRADE 400R DEFORMED CARBON STEEL IN ACCORDANCE WITH CSA STANDARD G30.18.
2. UNLESS OTHERWISE NOTED, CONCRETE COVER FOR STEEL REINFORCEMENT SHALL BE:
FOUNDATION - 2" WHERE FORMED AND 3" WHERE CAST AGAINST EARTH
SLAB ON GRADE - 1 1/2" COVER FROM TOP
3. PROVIDE CORNER BARS AND LAP VERTICAL AND HORIZONTAL REINFORCING BARS AS FOLLOWS UNLESS OTHERWISE NOTED: 10M - 15" 15M - 24" 20M - 30" 25M - 40"
4. PROVIDE BAR SUPPORTS (I.E. CHAIRS) FOR SLAB ON GRADE REINFORCING.
5. RECOMMENDED TO PROVIDE REBAR SHOP DRAWINGS TO STECKLEY FOR REVIEW PRIOR TO ORDERING REBAR.

INSULATION

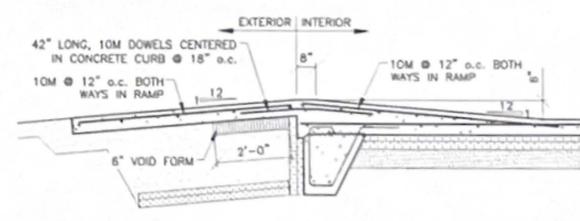
1. INSULATION IN CONTACT WITH THE GROUND SHALL BE INERT TO THE ACTION OF SOIL AND WATER AND SHALL BE SUCH THAT ITS INSULATIVE PROPERTIES ARE NOT SIGNIFICANTLY REDUCED BY MOISTURE.

DESIGN LOADS

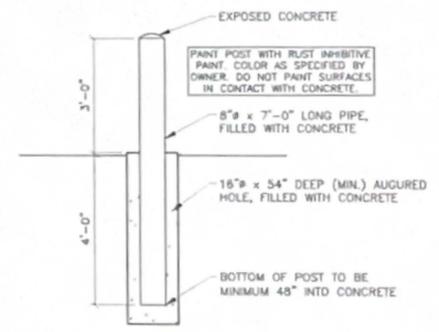
1. PART 4
ROOF:
SNOW 42 psf
DEAD 15 psf
2. IMPORTANCE CATEGORY FOR ENVIRONMENTAL LOADS = NORMAL.



1 THICKENED EDGE FOUNDATION DETAIL
SCALE: 1/2"=1'-0"



2 THICKENED EDGE RAMP DETAIL
SCALE: 1/2"=1'-0"

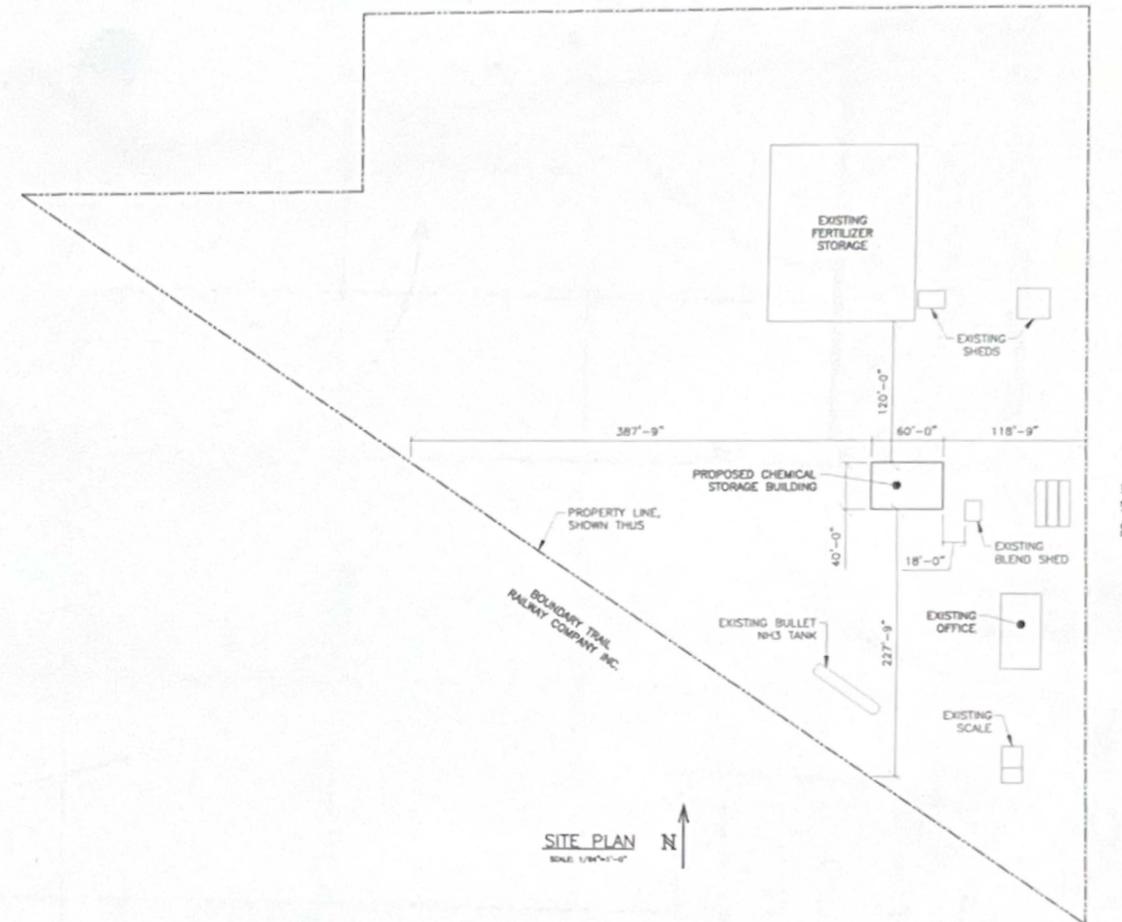


BOLLARD DETAIL
SCALE: 1/2"=1'-0"

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

0	CLIENT'S REVIEW	2025 04 03
REVISION	ISSUED FOR	DATE
PEMBINA CO-OP ST. LEON MANITOBA CHEMICAL STORAGE BUILDING - FOUNDATION DESIGN		
FOUNDATION PLAN, DETAILS, & NOTES		
DRAWN:	CHECKED:	DATE:
R.F.	R.F.	
DESIGN:	SHEET:	
R.F.	1 OF 1	25F104-B S1

CODE REVIEW			
1.0	PROJECT DESCRIPTION		
1.1	2,400 ft ² CHEMICAL STORAGE BUILDING FOR PEMBINA CO-OP IN MANITOU, MANITOBA.		
2.0	CODE SUMMARY		
2.1	UNLESS OTHERWISE NOTED, ALL INFORMATION IS TAKEN FROM THE 2024 MANITOBA BUILDING CODE AND 2020 NATIONAL BUILDING CODE.		
2.2	SUMMARY		
	BUILDING AREA	223.0 m ²	(2,400 ft ²)
	BUILDING HEIGHT	1 STOREY	
	FIRE-FIGHTER ACCESS	FACING 1 STREET	
	OCCUPANCY CLASSIFICATION	GROUP F, DIVISION 1	
	GOVERNING ARTICLE	MBC 3.2.2.75	
	PERMITTED CONSTRUCTION TYPE(S)	COMBUSTIBLE OR NON-COMBUSTIBLE	
	SPRINKLERED?	NO	
3.0	OCCUPANT LOAD		
3.1	THE OCCUPANT LOAD FOR THE BUILDING HAS BEEN DETERMINED TO BE UP TO 5 PEOPLE (AS PER 3.1.17).		
3.2	WASHROOM REQUIREMENTS (3.7.2)		
	3.2.1 WASHROOMS HAVE BEEN PROVIDED IN A SEPARATE BUILDING ON THIS SITE FOR THE OCCUPANTS OF THIS BUILDING.		
4.0	EXIT DISTANCES		
4.1	THIS BUILDING REQUIRES A MINIMUM OF 2 EXITS SINCE IT IS CLASSIFIED AS GROUP F, DIVISION 1.		
4.2	THE MAXIMUM EXIT DISTANCE FROM ANY AREA OF THE ADDITION DOES NOT EXCEED 25m (3.4.2.5(1a)).		
5.0	LIMITING DISTANCE (3.2.3)		
5.1	EAST WALL		
	LENGTH:HEIGHT RATIO	<3:1	
	MAXIMUM COMPARTMENT EXPOSING BUILDING FACE AREA	640 ft ²	59.5 m ²
	LIMITING DISTANCE	164 ft	50.1 m
	MAXIMUM ALLOWABLE AREA OF UNPROTECTED OPENINGS	100.0%	
	FIRE RESISTANCE RATING	NONE	
	PERMITTED CONSTRUCTION	COMBUSTIBLE OR NON-COMBUSTIBLE	
5.2	WEST WALL		
	LENGTH:HEIGHT RATIO	<3:1	
	MAXIMUM COMPARTMENT EXPOSING BUILDING FACE AREA	640 ft ²	59.5 m ²
	LIMITING DISTANCE	388 ft	118.2 m
	MAXIMUM ALLOWABLE AREA OF UNPROTECTED OPENINGS	100.0%	
	FIRE RESISTANCE RATING	NONE	
	PERMITTED CONSTRUCTION	COMBUSTIBLE OR NON-COMBUSTIBLE	
5.3	NORTH WALL		
	LENGTH:HEIGHT RATIO	<10:1, >3:1	
	MAXIMUM COMPARTMENT EXPOSING BUILDING FACE AREA	960 ft ²	89.2 m ²
	LIMITING DISTANCE	49 ft	15.0 m
	MAXIMUM ALLOWABLE AREA OF UNPROTECTED OPENINGS	100.0%	
	FIRE RESISTANCE RATING	NONE	
	PERMITTED CONSTRUCTION	COMBUSTIBLE OR NON-COMBUSTIBLE	
5.4	SOUTH WALL		
	LENGTH:HEIGHT RATIO	<10:1, >3:1	
	MAXIMUM COMPARTMENT EXPOSING BUILDING FACE AREA	960 ft ²	89.2 m ²
	LIMITING DISTANCE	304 ft	92.7 m
	MAXIMUM ALLOWABLE AREA OF UNPROTECTED OPENINGS	100.0%	
	FIRE RESISTANCE RATING	NONE	
	PERMITTED CONSTRUCTION	COMBUSTIBLE OR NON-COMBUSTIBLE	
6.0	FIRE SAFETY		
6.1	PORTABLE EXTINGUISHERS SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH THE LOCAL FIRE CHIEF OR, IN THE ABSENCE OF REGULATIONS REQUIREMENTS OF THE LOCAL FIRE CHIEF, IN ACCORDANCE WITH THE MANITOBA FIRE CODE. (3.2.5.16. 1))		
6.2	ILLUMINATED EXIT SIGNS WITH EMERGENCY LIGHTS SHALL BE PROVIDED ABOVE EXIT DOORS.		



PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

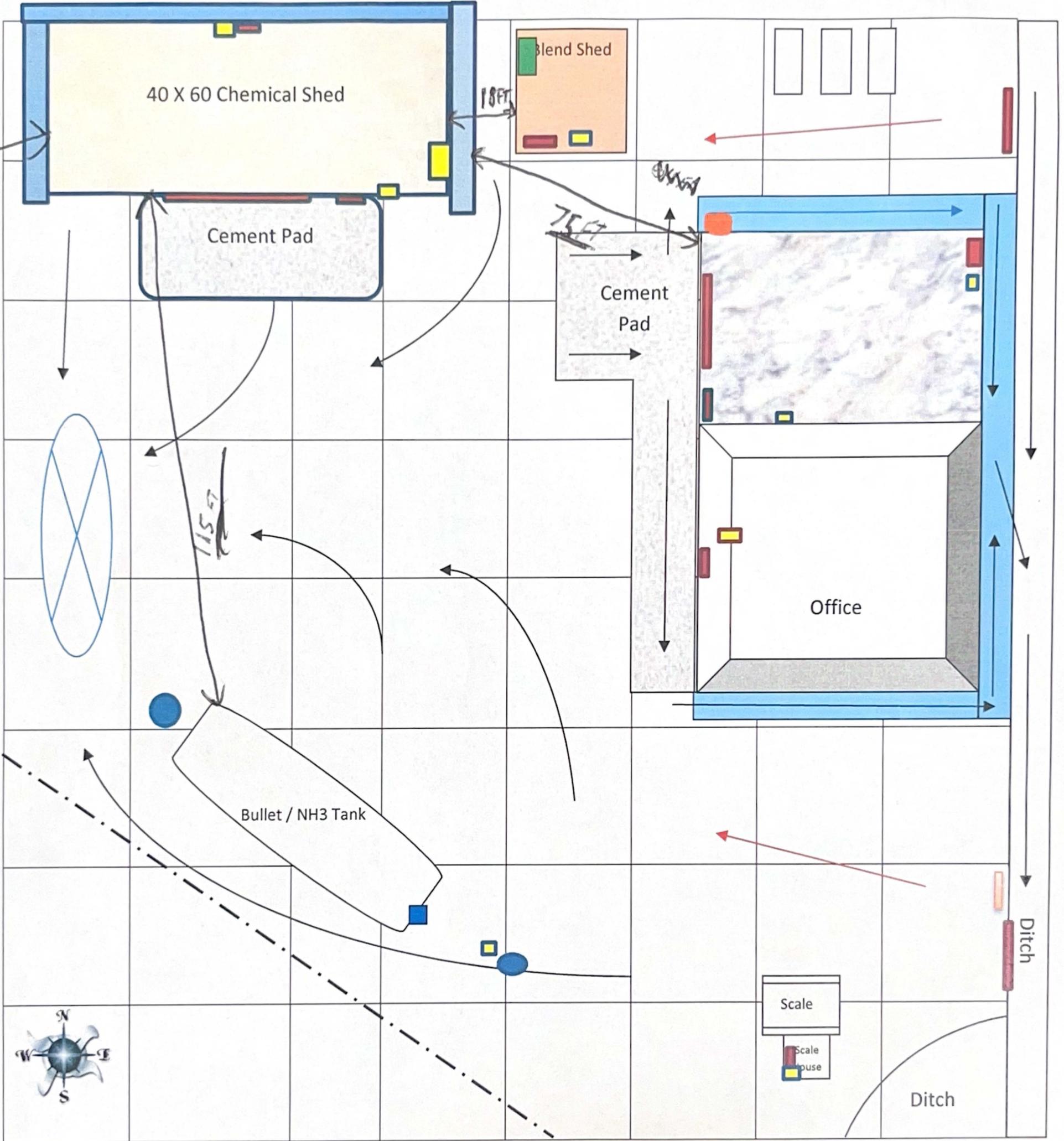
1	CLIENT'S REVIEW	2025 04 14
0	CLIENT'S REVIEW	2025 04 03
REVISION	ISSUED FOR	DATE
1-015 Neungar Road Winnipeg MB R2V 0A7 204-225-0114 info@steckley.ca www.steckley.ca		
PEMBINA CO-OP ST LEON MANITOBA CHEMICAL STORAGE BUILDING - FOUNDATION DESIGN		
CODE REVIEW & SITE PLAN		
DESIGN	CHECKED	DRAWING #
R.F./S.G.	R.F.	
DESIGN	DRAWN	
R.F.	1 OF 2	25F104-B S1

120 FT
Fert
Shed

PLOT PLAN

(3)

Key components at this facility, identifying buildings, tanks, pumps, compressors, dikes in areas, fences, gates, ditches.



Emergency Equipment

ERP Meeting Point/Command station

Clay Dike/Containment

Emergency Shut off valve

Propane Storage

Emergency Routes

Emergency electric shut off

Railroad tracks - . - . - .

Flow Direction →



Ticket No: 20252108701

Excavator Details

Caller Id: 420505
Contact: Greg Young
Company: Pembina Consumers COOP

Phone: 204 242 2927
Mobile: 204.242.4483
Email: greg.young@pembinacoop.ca

Dig Site and Ticket Details



[Open Map](#)

Blue sign at end of drive way #16010 RD 47W

Land Grids: LLD

SE-30-03-08-W1

Latitude: 49.238316

Longitude: -98.523068

Ticket Status	Original
Ticket Type	Project
Previous Ticket No.	Not Supplied
User Reference	Not Supplied
Ticket Date	2025-05-21T10:56:06-05:00
Work Start Date	2025-07-13T02:00:00-05:00
Address	Road mile 16N, Manitou, R0G 1G0
Nearest Cross Street	Not Supplied
Type of work	Construction
Activity	Building addition
Excavation Method	Grading
Excavation Depth	1m to 3m
Public Property	Public Building
Private Property	Commercial
Onsite Contact	Not Supplied
Onsite Phone	Not Supplied
Municipality	Not Supplied
Nearest Community	Not Supplied
Rural Subdivision	Not Supplied
Lot No.	
Block No.	
Plan No.	
ALP Option	No

Your Responsibilities

- Do not proceed with any excavation until all notified asset owners have responded by providing clearance, OR by identifying the location of their facilities with maps OR by placing locate marks on the ground.
- Pothole to establish the exact location of all underground assets using a hand shovel, before using heavy machinery.
- If you damage an underground asset you MUST advise the asset owner immediately.
- By using the Before You Dig Partners service, you agree to our privacy policy and the terms and conditions set out at on our web site.
- For more information, visit www.BeforeYouDigPartners.com

Utility Owner Details

The public utility owners listed below with a Status of "Notification Sent" have been requested to respond to your request. They may contact you directly for clarification of your request details.

Station Code	Authority Name	Status
MTSE1	BELL CANADA INC (MB)	Notification Sent
MBHYDRO	MANITOBA HYDRO	Notification Sent
VALFIBR	VALLEY FIBER LTD.	Notification Sent

END OF UTILITIES LIST

Request Utility Locates Online at www.BeforeYouDigPartners.com – 24 hours a day, 7 days a week

OneCallAccess - Powered by PelicanCorp



Products In stored space

①

Inventory Position

Manitou Agro

Product Group is CROP SUPPLIES/CHEMICAL

50CPROT-FUNGICIDES

Product	Units	Min Level	Qty On Hand	Qty Ordered	Qty Promo	Qty Committed	Qty Available
ACAPELA 9.6 L (3086204)	jug	0.0	2.0	0.0	0.0	0.0	2.0
CARAMBA 8.1 L (3075629)	jug	0.0	19.0	0.0	0.0	0.0	19.0
COTEGRA 9.8 L (3127032)	jug	0.0	52.0	0.0	0.0	0.0	52.0
DELARO 7.1 L (3099934)	jug	0.0	52.0	0.0	0.0	0.0	52.0
DYAX 9.6 L (3141926)	jug	0.0	51.0	0.0	0.0	0.0	51.0
HORNET 9.45 L (3125853)	jug	0.0	15.0	0.0	0.0	0.0	15.0
MAXENTIS EC 8.45 L (3206497)	jug	0.0	0.0	0.0	20.0	0.0	20.0
MIRAVIS ACE 8.1 L (3166055)	jug	0.0	16.0	0.0	0.0	0.0	16.0
MIRAVIS BOLD 8.1 L (3167715)	jug	0.0	50.0	0.0	0.0	0.0	50.0
MIRAVIS ERA CASE (3192994)	case	0.0	61.0	0.0	0.0	0.0	61.0
MIRAVIS NEO 300 SE 10.125 L (3166063)	jug	0.0	10.0	0.0	0.0	0.0	10.0
MIRAVIS STAR 8.1 L (3204468)	jug	0.0	20.0	0.0	0.0	0.0	20.0
NEXICOR 8 L (3128725)	jug	0.0	17.0	0.0	0.0	0.0	17.0
PIVOT 418EC 4.8 L (3055191)	jug	0.0	113.0	0.0	0.0	0.0	113.0
PROLINE 5.1 L (3059458)	jug	0.0	136.0	0.0	0.0	0.0	136.0
PROLINE GOLD 10.12 L (3180759)	jug	0.0	72.0	0.0	0.0	0.0	72.0
PROSARO PRO 6.07 L (3186046)	jug	0.0	270.0	0.0	0.0	0.0	270.0
PROSARO XTR 6.5 L (3142015)	jug	0.0	72.0	0.0	0.0	0.0	72.0
QUILT 10.125 L (3066115)	jug	0.0	59.0	0.0	0.0	0.0	59.0
RACLOS 9.75L (1000574)	jug	0.0	46.0	0.0	0.0	0.0	46.0
SPHAEREX 8.65 L (3192770)	jug	0.0	52.0	0.0	0.0	0.0	52.0
TILMOR 10.12 L (3180767)	jug	0.0	24.0	0.0	0.0	0.0	24.0
TOPNOTCH 8.6 L (3123387)	jug	0.0	15.0	0.0	0.0	0.0	15.0

50CPROT-HERBICIDES

Product	Units	Min Level	Qty On Hand	Qty Ordered	Qty Promo	Qty Committed	Qty Available
2,4-D AMINE 600 IPCO 10 L (3003084)	jug	0.0	74.0	0.0	0.0	0.0	74.0
2,4-D ESTER 700 CO-OP 10 L (3053105)	jug	0.0	19.0	0.0	0.0	0.0	19.0
ARMEZON 600 ML (3098670)	jug	0.0	8.0	0.0	0.0	0.0	8.0
ASSURE II + SURE MIX (3006384)	case	0.0	40.0	0.0	0.0	0.0	40.0
AXIAL 10 L (3089323)	jug	0.0	55.0	0.0	0.0	0.0	55.0
AXIAL XTREME 10 L (3089364)	jug	0.0	79.0	0.0	0.0	0.0	79.0
BRAZEN II (3168614)	case	0.0	69.0	0.0	0.0	0.0	69.0
BUCTRIL M 8 L (233072)	jug	0.0	72.0	0.0	0.0	0.0	72.0
CENTURION ADV 6.1 L (3211950)	jug	0.0	229.0	0.0	0.0	0.0	229.0
CENTURION CASE (962878)	case	0.0	10.0	0.0	0.0	0.0	10.0
CHECKMATE MCPA ESTER 600 10 L (10017408)	jug	0.0	1.0	0.0	0.0	0.0	1.0
CURTAIL M 8 L (3063559)	jug	0.0	16.0	0.0	0.0	0.0	16.0
DYVEL 10 L (375154)	jug	0.0	1.0	0.0	0.0	0.0	1.0
ENLIST 1 10.2 L (3181575)	jug	0.0	24.0	0.0	0.0	0.0	24.0
EVEREST 3.0 AG 3.88 L (3153442)	jug	0.0	17.0	0.0	0.0	0.0	17.0
FOISON 150 SN 500L (14072)	tote	0.0	1.0	0.0	0.0	0.0	1.0



Inventory Position

Manitou Agro

Product Group is CROP SUPPLIES/CHEMICAL

50CPROT-HERBICIDES

Product	Units	Min Level	Qty On Hand	Qty Ordered	Qty Promo	Qty Committed	Qty Available
INFINITY 6.7 L (3064516)	jug	0.0	132.0	0.0	0.0	0.0	132.0
INFINITY FX 8.1 L (3154093)	jug	0.0	123.0	0.0	0.0	0.0	123.0
INTERLINE 13.5 L (3165784)	jug	0.0	2.0	0.0	0.0	0.0	2.0
LAUDIS SC420 3.6L (3192887)	jug	0.0	7.0	0.0	0.0	0.0	7.0
LIBERTY 108 L (3015849)	drum	0.0	74.0	0.0	0.0	0.0	74.0
LIBERTY 13.5 L (3009024)	jug	0.0	293.0	0.0	0.0	0.0	293.0
LIBERTY 432 L (3053758)	tote	0.0	12.0	0.0	0.0	0.0	12.0
LONTREL XC 2.67 L (3142098)	jug	0.0	8.0	0.0	0.0	0.0	8.0
LONTREL XC 4.1 L (7000100)	jug	0.0	1.0	0.0	0.0	0.0	1.0
MCPA ESTER 600 CO-OP 10 L (3053006)	jug	0.0	3.0	0.0	0.0	0.0	3.0
MCPA ESTER 600 MEDIA 10 L (3195179)	jug	0.0	26.0	0.0	0.0	0.0	26.0
ODYSSEY NXT 692 GR + 8.1 L (3124971)	pack	0.0	1.0	0.0	0.0	0.0	1.0
ONDECK 6.475 L (3201712)	jug	0.0	40.0	0.0	0.0	0.0	40.0
PARADIGM 800 GR (3113586)	jug	0.0	2.0	0.0	0.0	0.0	2.0
PATRON II CASE (3169240)	case	0.0	17.0	0.0	0.0	0.0	17.0
PINNACLE SG TOSS-N-GO 96 GR (3084621)	jug	0.0	3.0	0.0	0.0	0.0	3.0
PIXXARO A 9.8 L (3192556)	jug	0.0	16.0	0.0	0.0	0.0	16.0
PRESTIGE XL 9.5 L (3145315)	jug	0.0	4.0	0.0	0.0	0.0	4.0
PROMINEX 8.3 L (3184223)	jug	0.0	1.0	0.0	0.0	0.0	1.0
REXADE CASE (3127750)	case	0.0	1.0	0.0	0.0	0.0	1.0
REZUVANT XL 9.7 L (3192291)	jug	0.0	10.0	0.0	0.0	0.0	10.0
SABATIS 8.1 L (3214715)	jug	0.0	0.0	8.0	0.0	0.0	8.0
SIERRA 3.0 AG 3.88 L (3165362)	jug	0.0	10.0	0.0	0.0	0.0	10.0
STELLAR XL 8.1 L (3113578)	jug	0.0	186.0	0.0	0.0	39.0	147.0
TALINOR 8.1 L (3204476)	jug	0.0	20.0	40.0	0.0	0.0	60.0
TRAVALLAS 8 L (3101094)	jug	0.0	8.0	0.0	0.0	0.0	8.0
VARRO FX 8.1 L (3206620)	jug	0.0	72.0	0.0	0.0	0.0	72.0
VELOCITY M3 ALL-IN-ONE 8.1 L (3079621)	jug	0.0	179.0	0.0	0.0	0.0	179.0
VIPER ADV 8.1 L (3089505)	jug	0.0	72.0	0.0	0.0	0.0	72.0
XTENDIMAX 2 10 L (3199387)	jug	0.0	108.0	0.0	0.0	0.0	108.0

50CPROT-INSECTICIDES

Product	Units	Min Level	Qty On Hand	Qty Ordered	Qty Promo	Qty Committed	Qty Available
CORAGEN MAX 2 L (3192945)	jug	0.0	17.0	0.0	0.0	0.0	17.0
DECIS 100 EC 1.2 L (3185956)	jug	0.0	17.0	0.0	0.0	0.0	17.0
MALATHION 85EC 10 L (14069)	jug	0.0	6.0	0.0	0.0	0.0	6.0
POUNCE 384 EC 10 L (3095080)	jug	0.0	45.0	0.0	0.0	0.0	45.0
SEVIN XLR PLUS NOVA 10 L (3085727)	jug	0.0	63.0	0.0	0.0	0.0	63.0



Inventory Position

Manitou Agro

Product Group is CROP SUPPLIES/CHEMICAL

50CPROT-MICRONUTRIENTS

Product	Units	Min Level	Qty On Hand	Qty Ordered	Qty Promo	Qty Committed	Qty Available
AGROTAIN ADVANCED 9.46 L (3100658)	jug	0.0	42.84	0.0	0.0	0.0	42.84
EXCELIS MAXX 10L (8EXCE10)	jug	0.0	4.11	0.0	0.0	20.18	-16.07
KINETIC BORON 10 L (3102464)	jug	0.0	40.0	0.0	0.0	0.0	40.0
KINETIC COPPER 10 L (3102738)	jug	0.0	20.0	0.0	0.0	0.0	20.0
NZONE GL 2.5 GAL (30025)	jug	0.0	1.0	0.0	0.0	0.0	1.0

50CPROT-MISCELLANEOUS

Product	Units	Min Level	Qty On Hand	Qty Ordered	Qty Promo	Qty Committed	Qty Available
28% UAN BASF 8 L (3068897)	jug	0.0	10.0	0.0	0.0	0.0	10.0
AG READY 25LB BAG (14057)	each	0.0	2.0	0.0	0.0	0.0	2.0
AG SURF II 10 L (3083029)	jug	0.0	64.0	0.0	0.0	0.0	64.0
AMMONIUM SULPHATE (BAYER) 10 L (3065935)	jug	0.0	128.0	0.0	0.0	0.0	128.0
BINDEM 4.8 L (3181567)	jug	0.0	20.0	0.0	0.0	0.0	20.0
CLEAN-OUT 4 L (3086261)	jug	0.0	10.0	0.0	0.0	0.0	10.0
DEPOSIT LIBERTY 108L (30158491)	each	0.0	74.0	0.0	0.0	0.0	74.0
DEPOSIT LIBERTY 432L (30537581)	each	0.0	13.0	0.0	0.0	0.0	13.0
DEPOSIT ROUNDUP TRANSORB HC 115L (30539231)	each	0.0	28.0	0.0	0.0	0.0	28.0
DEPOSIT ROUNDUP TRANSORB HC 450L (30539311)	each	0.0	24.0	0.0	0.0	0.0	24.0
DEPOSIT VECTOR 540 115L (30994131)	each	0.0	8.0	0.0	0.0	0.0	8.0
DEPOSIT VECTOR 540 450L (30994211)	each	0.0	2.0	0.0	0.0	0.0	2.0
FIGHTER F 946ML (5001)	each	0.0	146.0	0.0	0.0	0.0	146.0
FINISH 10 L (178772)	jug	0.0	134.0	0.0	0.0	0.0	134.0
HALT 140 ML (3143732)	bottle	0.0	16.0	0.0	0.0	0.0	16.0
MANIPULATOR 10 L (3097466)	jug	0.0	216.0	0.0	0.0	0.0	216.0
MERGE 8.1 L (3003134)	jug	0.0	3.0	0.0	16.0	0.0	19.0
MODDUS 10 L (3181351)	jug	0.0	5.0	0.0	0.0	0.0	5.0
PREMIUM 3-WAY XP 10 L (3047495)	jug	0.0	1.0	0.0	0.0	0.0	1.0
PREMIUM 3-WAY XP 4 L (3155595)	jug	0.0	8.0	0.0	0.0	0.0	8.0
SURFACTANT NI CO-OP AGRO 10 L (3150794)	each	0.0	146.0	0.0	36.0	0.0	182.0
UNION II 10L (14081)	jug	0.0	13.0	0.0	0.0	0.0	13.0
VALID 3.78L (4312)	each	0.0	123.0	0.0	0.0	0.0	123.0
X-MARK FOAM 3.78L (14002)	each	0.0	1.0	0.0	0.0	0.0	1.0

50CPROT-NON-SELECTIVES

Product	Units	Min Level	Qty On Hand	Qty Ordered	Qty Promo	Qty Committed	Qty Available
AIM EC 1.2 L (3143070)	jug	0.0	6.0	0.0	0.0	0.0	6.0
AUTHORITY 480 SC 3.79 L (3099702)	jug	0.0	8.0	0.0	0.0	0.0	8.0
AVADIX LIQUID EC 10 L (3105707)	jug	0.0	18.0	0.0	0.0	0.0	18.0
BOLSTER II 10 L (3171048)	jug	0.0	4.0	0.0	144.0	0.0	148.0
BONANZA 480 10L (04825)	each	0.0	23.0	0.0	0.0	0.0	23.0



Inventory Position

Manitou Agro

Product Group is CROP SUPPLIES/CHEMICAL

50CPROT-NON-SELECTIVES

Product	Units	Min Level	Qty On Hand	Qty Ordered	Qty Promo	Qty Committed	Qty Available
COMMAND 5.4 L (3126505)	jug	0.0	3.0	0.0	0.0	0.0	3.0
EXPRESS SG 486 GR (3055209)	jug	0.0	8.0	0.0	0.0	0.0	8.0
FOCUS SE 4.5 L (3115409)	jug	0.0	9.0	0.0	0.0	0.0	9.0
FREEDOM 540 500 L (3194305)	tote	0.0	1.0	0.0	0.0	0.0	1.0
HEAT LQ CASE (3098605)	case	0.0	19.0	0.0	0.0	0.0	19.0
INST DISCOUNT AVADIX LT (3192663)	litre	0.0	-40.0 *	0.0	0.0	0.0	-40.0
INST DISCOUNT EDGE TO (3161429)	each	0.0	-1.0 *	0.0	0.0	0.0	-1.0
INST DISCOUNT TREFLAN LT (3192671)	litre	0.0	-6.0 *	0.0	0.0	0.0	-6.0
NC-0050 HERBICIDE (3070646)	acre	0.0	40.0	0.0	0.0	0.0	40.0
OLYMPUS 463 G (3154085)	bottle	0.0	7.0	0.0	0.0	0.0	7.0
PARDNER 8 L (453571)	jug	0.0	17.0	0.0	0.0	0.0	17.0
REGLONE ION 10 L (3095684)	jug	0.0	43.0	0.0	0.0	0.0	43.0
ROUNDUP TRANSORB HC 10 L (3053915)	jug	0.0	263.0	144.0	0.0	0.0	407.0
ROUNDUP TRANSORB HC 115 L (3053923)	drum	0.0	23.0	0.0	0.0	0.0	23.0
ROUNDUP TRANSORB HC 450 L (3053931)	tote	0.0	11.0	0.0	0.0	0.0	11.0
TREFLAN LIQUID EC 9.45 L (524710)	jug	0.0	14.0	0.0	0.0	0.0	14.0
VECTOR 540 10 L (3099405)	jug	0.0	318.0	0.0	0.0	0.0	318.0
VECTOR 540 115 L (3099413)	drum	0.0	6.0	10.0	0.0	0.0	16.0

50CPROT-SEED TREATMENTS

Product	Units	Min Level	Qty On Hand	Qty Ordered	Qty Promo	Qty Committed	Qty Available
CRUISERMAXX VIBRANCE CEREALS 10 L (3089372)	jug	0.0	2.0	0.0	0.0	0.0	2.0
INSURE CEREAL FX4 9.8 L (3151669)	jug	0.0	12.0	0.0	0.0	0.0	12.0
RAXIL PRO 10 L (3094083)	jug	0.0	1.0	0.0	0.0	0.0	1.0
RAXIL PRO SHIELD ALL IN 1 10 L (3199403)	jug	0.0	10.0	0.0	0.0	0.0	10.0
RAXIL WW 10 L + 2.1 L (3079456)	case	0.0	1.0	0.0	0.0	0.0	1.0
VIBRANCE QUATTRO 10 L (3100203)	jug	0.0	2.0	0.0	0.0	0.0	2.0

* quantity on hand is below the minimum on hand specified for this product