

AGASSIZ RESEARCH AND DEVELOPMENT CENTRE CHEMICAL STORAGE BUILDINGS REPLACEMENT

PROJECT TEAM

CLIENT: AGRICULTURE AND AGRI-FOOD CANADA
 PROJECT MANAGER: REAL PROPERTY SERVICES
 ARCHITECTURAL: CHERNOFF THOMPSON ARCHITECTS
 MECHANICAL: CHERNOFF THOMPSON ARCHITECTS
 ELECTRICAL: CHERNOFF THOMPSON ARCHITECTS
 MECHANICAL: CHERNOFF THOMPSON ARCHITECTS
 ELECTRICAL: CHERNOFF THOMPSON ARCHITECTS
 MECHANICAL: CHERNOFF THOMPSON ARCHITECTS
 ELECTRICAL: CHERNOFF THOMPSON ARCHITECTS

DRAWING LIST

ARCHITECTURAL: GENERAL NOTES AND PLANS
 MECHANICAL: MECHANICAL DEMO
 ELECTRICAL: NEW ELECTRICAL PLAN
 MECHANICAL: MECHANICAL DEMO
 ELECTRICAL: NEW ELECTRICAL PLAN

BUILDING CODE ANALYSIS

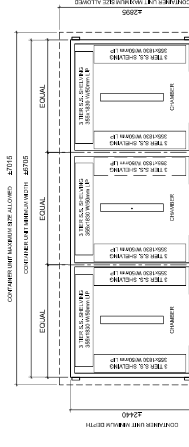
APPLICABLE BUILDING CODE: NATIONAL BUILDING CODE 2015
 MAJOR OCCUPANCY: GROUP F, DIVISION 2 (MEDIUM HAZARD INDUSTRIAL OCCUPANCY)
 NO. OF STREETS FACING: 1 STREET
 BUILDING AREA: EACH CONTAINER UNIT MAX. AREA 20,3m² - 3 UNITS, MAX. AREA 60.9m² +/-
 BUILDING HEIGHT: 2.7 METERS
 BUILDING CODE CLASSIFICATION: 3.2.2.78. UP TO 2 STOREY, NON-SPRINKLER
 CONSTRUCTION TYPE: NON-COMBUSTIBLE PROVIDED
 SPRINKLER: NFPA 13 AUTOMATIC SPRINKLER SYSTEM IS NOT PROVIDED
 FIRE ALARM SYSTEM: U.L.C. MONITORED FIRE ALARM SYSTEM IS NOT PROVIDED

GENERAL DEMOLITION NOTES:

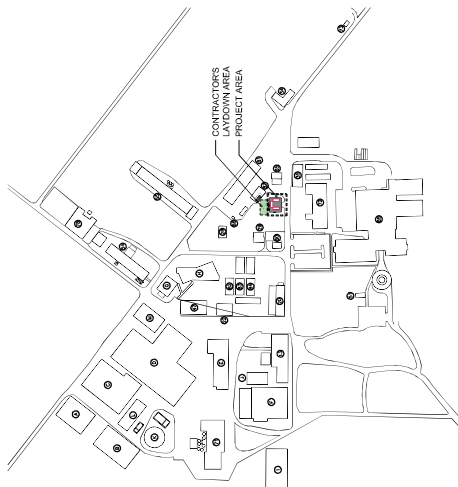
- DEMOLITION DRAWING ONLY SHOWS THE GENERAL SCOPE OF DEMOLITION & REMOVAL OF EXISTING CHEMICAL CONTAINER UNITS. ALSO REFER TO MECHANICAL & ELECTRICAL DRAWINGS FOR FULL SCOPE OF DEMOLITION WORKS REQUIRED TO INSTALL NEW CHEMICAL CONTAINER UNITS. CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING AND CARRYING OUT ALL NECESSARY DEMOLITION NOT SHOWN IN THE DEMOLITION DRAWINGS IN ORDER TO INSTALL NEW CHEMICAL CONTAINER UNITS.

GENERAL CONSTRUCTION NOTES:

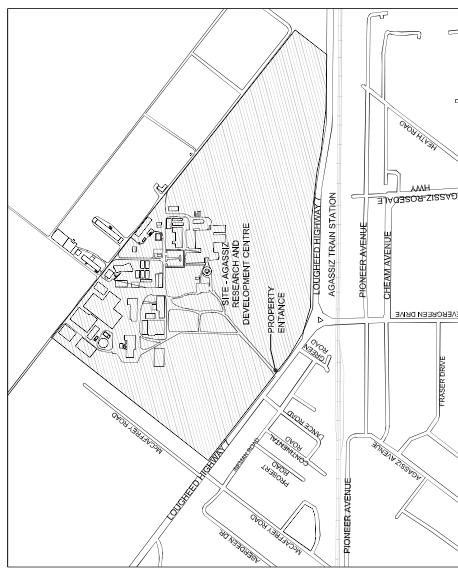
- CHECK AND VERIFY ALL DIMENSIONS ON SITE.
- THESE DRAWINGS ARE NOT TO BE SCALED.
- ALL WALL DIMENSIONS ARE TO THE OUTSIDE FACE OF WALL UNLESS OTHERWISE NOTED.
- EXISTING CHAIN LINK FENCE & GATE IS CURRENTLY IN GOOD CONDITION. ANY DAMAGE DURING DEMOLITION OR INSTALLATION OF NEW CONTAINERS SHALL BE REINSTATED AS NEW AT NO COST TO OWNER.
- EXISTING EXTERIOR EMERGENCY SHOWER IS CURRENTLY IN GOOD CONDITION AND TO REMAIN OPERATIONAL DURING CONTRACT PERIOD. ANY DAMAGE DURING DEMOLITION OR INSTALLATION OF NEW CONTAINERS SHALL BE REINSTATED AS NEW AT NO COST TO OWNER.



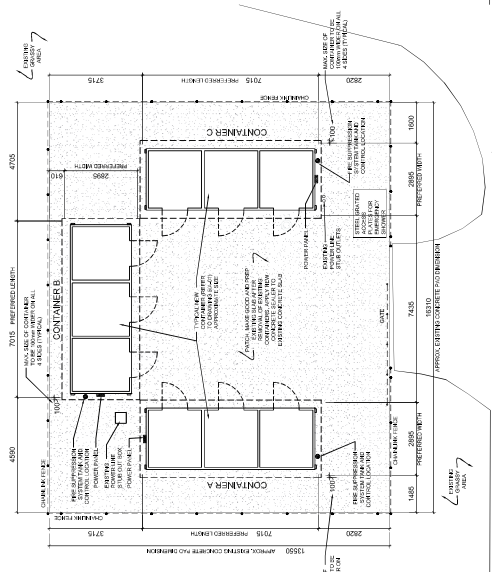
5 PLAN OF TYPICAL CONTAINER
SCALE: 1/30



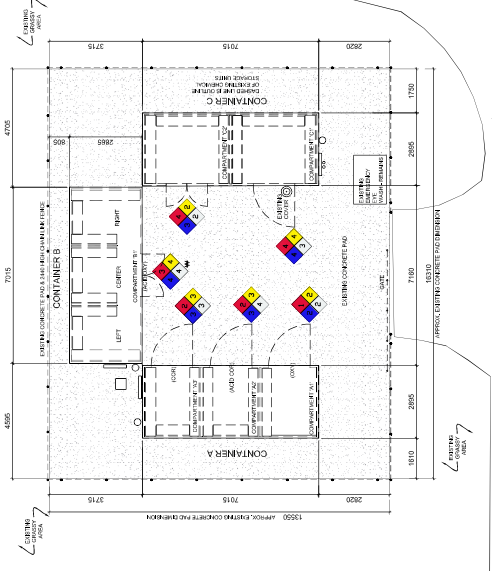
2 SITE PLAN
SCALE: 1/3000



1 LOCATION PLAN
SCALE: NOT TO SCALE



3 DEMOLITION PLAN - EXISTING CONTAINER UNITS
SCALE: 1/100



4 NEW CONTAINER UNITS PLAN
SCALE: 1/100

CONSTRUCTION NOTES:
 CONTRACTOR TO PROVIDE FOUR (4) 19MM DIAMETER THREADED ANCHOR BOLTS PER CONTAINER DRILLED AND ANCHORED 100MM INTO EXISTING CONCRETE SLAB WITH HI-RISE 500 V2 EPOXY ADHESIVE OR APPROVED EQUIVALENT. ALL ANCHOR BOLTS TO BE HOT-DIP GALVANIZED IN ACCORDANCE WITH CANADIAN STANDARDS (U.S. ASTM A193 GRADE B-7) WITH A MINIMUM THICKNESS OF 6.0 MM.

LEGEND:
 NEW EXISTING LAYDOWN GUIDE (ALSO REFER APPENDIX 4)
 DEMOLITION PLAN - EXISTING CONTAINER UNITS
 NEW CONTAINER UNITS PLAN

100% OFFICE OF
 CHERNOFF THOMPSON ARCHITECTS
 REAL PROPERTY SERVICES
 SERVICES IMMOBILIERS
 Régionale Montréal

CHERNOFF THOMPSON ARCHITECTS

AGASSIZ RESEARCH AND DEVELOPMENT CENTRE
 CHEMICAL STORAGE BUILDINGS REPLACEMENT AT
 AGRICULTURE & AGRI-FOOD CANADA

NO.	REVISION	DATE	DESCRIPTION
1	ISSUED FOR PERMIT REVIEW	2024-03-20	
2	ISSUED FOR REVIEW	2024-03-20	
3	ISSUED FOR REVIEW	2024-03-20	

Project title/Title du projet
 6947 Loughheed Hwy,
 Agassiz, BC V0M 1A2

Chemical Storage Buildings
 Replacement at
 Agassiz Research
 and Development Centre

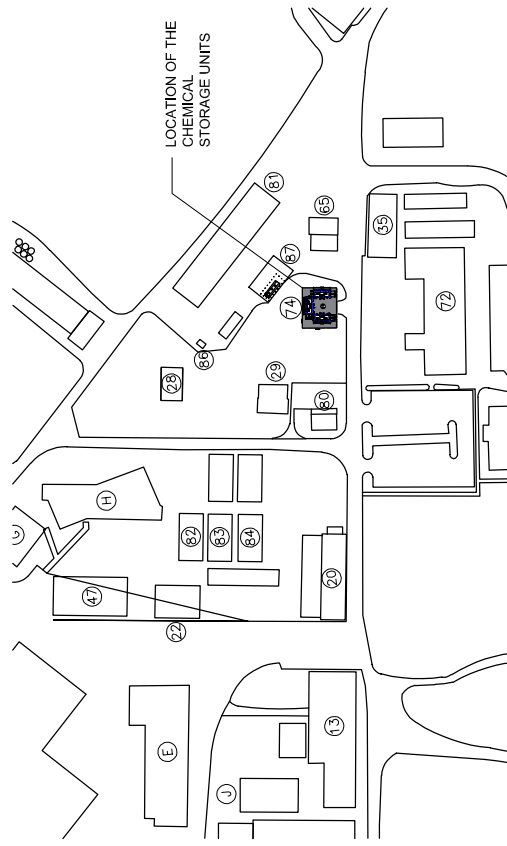
Project No./No. du projet
 R-110899.001

Sheet/Feuille
 A-01

Revision
 3

DRAWING LIST	
CLASS NO.	MECHANICAL DRAWINGS
REVISION	MECHANICAL
DATE	MECHANICAL
BY	MECHANICAL
CHECKED	MECHANICAL
DATE	MECHANICAL

MECHANICAL ABBREVIATIONS	
ARCH	ARCHITECTURAL
CONM	CONNECTION
CWP	COMPLETE WITH
CCTE	CONNECT TO
DDC	DIRECT DIGITAL CONTROL
DN	DOWN
DM	DOWN
ELEC	ELECTRICAL
EW	EXHAUST
FE	FIRE EXTINGUISHER
FD	FLOOR DRAIN
MECH	MECHANICAL
MUX	MIXED
MECH	MECHANICAL
NET	NOT TO SCALE
POC	POINT OF CONNECTION
SPEC	SPECIFICATION
THRU	THROUGH
TP	TYPICAL



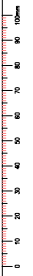
No.	Description/Description	Date/Date
1	ISSUED FOR TENDER	2014/03/04
2	ISSUED FOR TENDER	2014/03/04
3	ISSUED FOR TENDER	2014/03/04
4	ISSUED FOR TENDER	2014/03/04
5	ISSUED FOR TENDER	2014/03/04

Agriculture & Agri-Food Canada

Project File/Title de projet
 6947 Loughheed Hwy,
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 Agassiz Research
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 Designed by/Concept par
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 Drawn by/Dessiné par
 SC
 Checked by/Contrôlé par
 SC
 Project No./No. du projet
 R-110899.001
 Sheet No./No. de feuille
 M-001
 of/of total
 01 of 03

COVER SHEET





Revision/Change/Client	Description/Description	Date/Date
3	ISSUED FOR TENDER	2019/02/22
2	ISSUED FOR TENDER REVIEW	14/02/2019
1	ISSUED FOR REVIEW	20/02/2019
0	ISSUED FOR REVIEW	14/02/2019

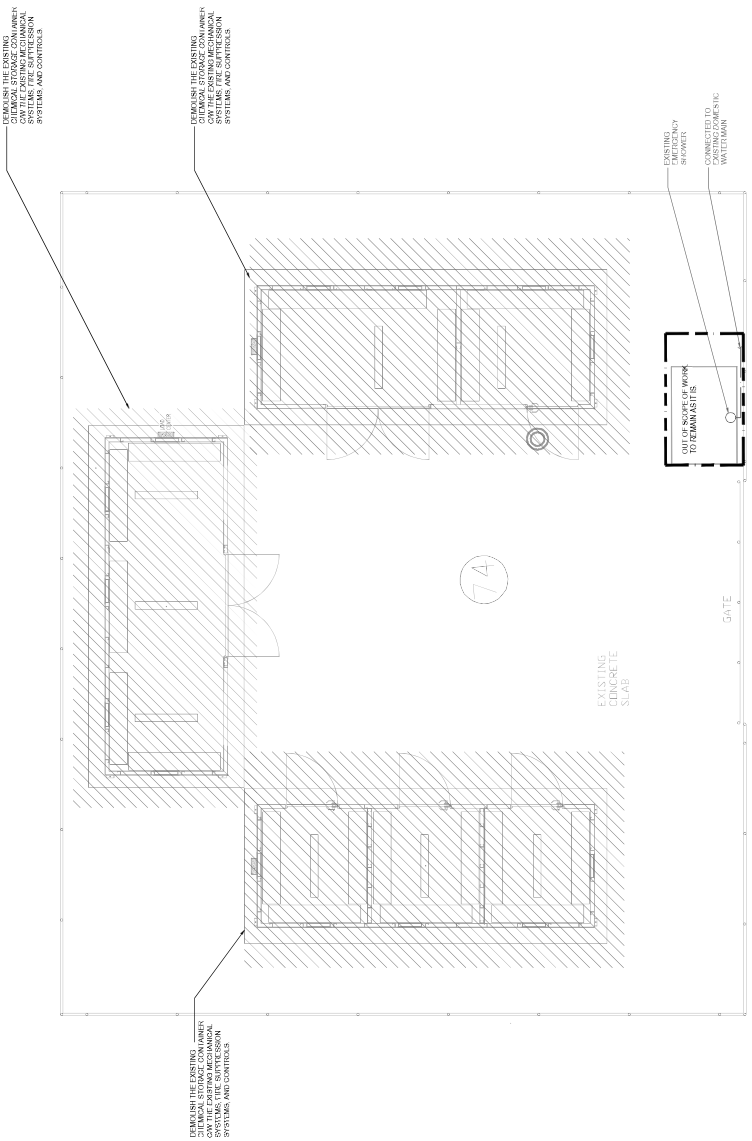
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 Drawn by/Drawn par
 Project Manager/Administrateur de Projets
 Stephen Chisholm

MECHANICAL DEMO

Project No./No. du projet	Sheet/Feuille	Revision/Revisão
R.110899.001	M-100	0
	02 OF 03	



1 MECHANICAL DEMO PLAN
SCALE: 1/50





Revised/Client	Description/Description	Date/Date
1	ISSUED FOR REVIEW	10/01/2020
2	ISSUED FOR TENDER REVIEW	10/01/2020
3	ISSUED FOR REVIEW	10/01/2020

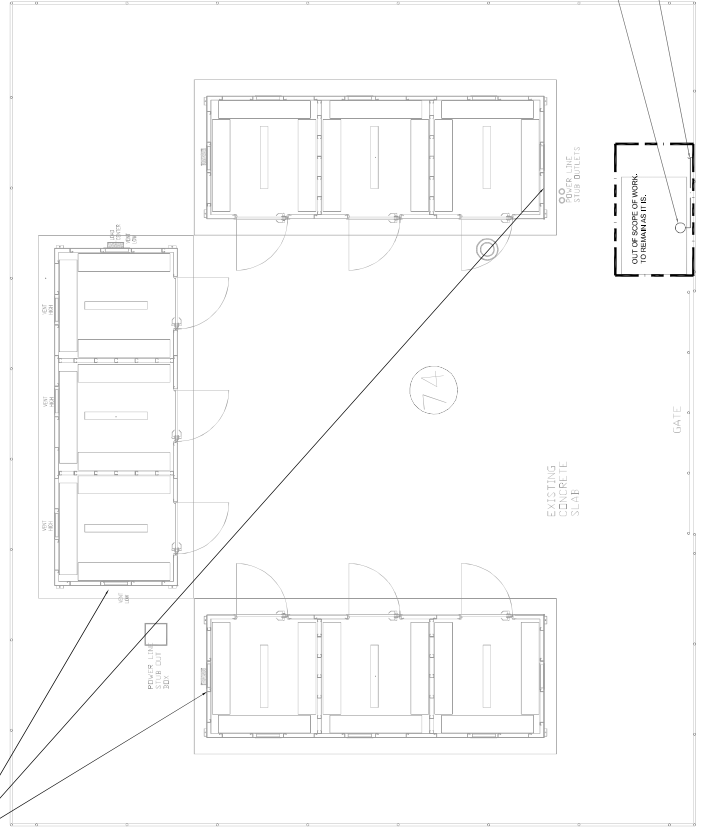
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 Checked by/Vérifié par
 Approved by/Approuvé par
 Drawing file/Title du dessin

MECHANICAL RENO
 Project No./No. du projet
 R-110899.001
 Sheet/Feuille
 M-200
 Revision no.
 0
 03 of 03

THE CHEMICAL CONTAINERS ARE TO BE
 REMOVED AND THE MECHANICAL
 SYSTEMS REFER TO THE RENO FOR
 COMPLETE SCOPE OF WORK.



1. MECHANICAL RENO PLAN
 SCALE: 1/8" = 1'-0"



