

# LRC DAIRY & METABOLISM BARN ROOF REPLACEMENT, LETHBRIDGE, ALBERTA

PWGSC Project No. R.071094.001



1 AERIAL IMAGE  
A0.0 NTS



2 AERIAL IMAGE  
A0.0 NTS



3 NE BUILDING CORNER  
A0.0 NTS



4 SE BUILDING CORNER  
A0.0 NTS

**PRELIMINARY**  
NOT FOR CONSTRUCTION

**CK A + ID**  
COUPLAND KRAEMER ARCHITECTURE + INTERIOR DESIGN Inc.  
101, 4632 1ST SE, CALGARY, AB, CANADA, T2G 2L3  
TEL. 403.269.7109  
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DO NOT SCALE DRAWINGS

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A	ISSUED FOR TENDER	16/02/02

Revision/	Description/Description	Date/Date
Client/client		

PWGSC  
AAFC

Project title/Titre du projet  
**LETHBRIDGE, ALBERTA  
86 RESEARCH CENTRE ROAD  
B86 DAIRY & METABOLISM UNIT  
ROOF REPLACEMENT  
LETHBRIDGE RESEARCH  
CENTRE - DAIRY BARN**

Approved by/Approuvé par  
DC

Designed by/Concept par  
GK

Drawn by/Dessiné par  
GK

PWGSC Project Manager/Administrateur de Projets TFSGC  
BB

PWGSC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'Ingénierie, TFSGC

Client/client  
AGRICULTURE AND AGRI-FOOD CANADA

Drawing title/Titre du dessin  
**COVER SHEET**

Project No./No. du projet <b>R.071094.001</b>	Sheet/Fauille <b>A0.0</b>	Revision no./ La Révision no.
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CONTACT: PETER GOERTZEN

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**ARCHITECTURAL**

- A0.0 COVER SHEET
- A0.1 SITE PLAN, PHASING, EXISTING IMAGES
- A2.1 EXISTING AND DEMOLITION
- A2.2 NEW CONSTRUCTION
- A2.3 FINISHES PLAN  
FINISHES SCHEDULE
- A3.1 ROOF DETAILS

**STRUCTURAL**

- S1.1 STRUCTURAL  
DEMOLITION AND PROPOSED  
PLANS
- S2.1 STRUCTURAL DETAILS

**MECHANICAL**

- M0.1 MECHANICAL LEGEND
- M1.1 MECHANICAL EXISTING AND DEMOLITION
- M1.2 MECHANICAL NEW CONSTRUCTION

**ELECTRICAL**

- E0.1 ELECTRICAL LEGEND
- E1.1 ELECTRICAL EXISTING AND DEMOLITION
- E1.2 ELECTRICAL NEW CONSTRUCTION
- E1.3 LUMINARIE SCHEDULE

Building Code Review  
National Building Code of Canada, 2010

General Information  
Building footprint: ± 2390m<sup>2</sup>  
Facing streets: 1  
Number of Stories: 1  
NOT sprinklered

3.2.2.85  
Group F, Division 3, One Storey  
1) A building classified as Group F, Division 3 is permitted to be of heavy timber construction or noncombustible construction used singly or in combination provided

a) it is not more than 1 storey in building height, and  
b) it has a building area not more than  
i) 5 600 m<sup>2</sup> if facing one street,  
ii) 7 000 m<sup>2</sup> if facing 2 streets, or  
iii) 8 400 m<sup>2</sup> if facing 3 streets.

Complies  
Does need to be sprinklered  
Requires non-combustible construction

