



Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

CK A + ID
COUPLAND KRAEMER ARCHITECTURE + INTERIOR DESIGN INC.
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- NOTES:
- MANURE ROOM WARNING DEVICES AND EQUIPMENT TO BE CLASS 1 DIVISION 2 CONDUIT SEALS TO PREVENT TRANSFER OF GASES FROM THIS SPACE. WHERE POSSIBLE DEVICES AND EQUIPMENT TO BE LOCATED OUTSIDE OF THIS AREA, 900mm FROM OPENINGS TO THE MANURE ROOM.
 - SUPPLY AND INSTALL NEW CONDUIT AND WIRE TO REPLACE WIRING REMOVED DURING DEMOLITION. CONNECT NEW LIGHTS TO EXISTING CIRCUITS. COORDINATE SWITCHING WITH OWNER'S REPRESENTATIVE.
 - RETROFIT EXISTING FIXTURES WITH NEW LED LAMPS AND DRIVERS. PROVIDE CSA RE-CERTIFICATION OF FIXTURES WITH NEW LAMPS AND DRIVERS.
 - PROVIDE NEW NEMA 4 SPLITTER AND STARTERS FOR EXTERIOR MOUNTING OF STARTERS. RECONNECT 78mm PVC FEEDER AND WIRES. RELOCATE TECK CABLE FEEDS TO NEW MOTOR STARTERS. STARTERS FOR EQUIPMENT: STORAGE TANK MIXERS (2) - NEMA SIZE 3 PIT PUMP - NEMA SIZE 1 CHAIN DRIVE STARTER - NEMA SIZE 2 EXHAUST FANS - NEMA SIZE 0 CONFIRM MOTOR HP PRIOR TO ORDERING.
 - REPLACE EXISTING HIGH BAYS WITH NEW LED HIGH BAYS.
 - NEW FIRE ALARM DEVICES TO BE RE-INSTALLED IN EXISTING LOCATIONS ON EXISTING ZONES. PROVIDE NEW CONDUIT AND WIRE IN ACCORDANCE WITH GEC.
 - SUPPLY AND INSTALL ENCELIUM WIRELESS MANAGER. VERIFY INSTALLATION LOCATION WITH LIGHTING MANUFACTURER.
 - SUPPLY AND INSTALL ENCELIUM LIGHTING CONTROL SYSTEM OR EQUIVALENT FOR ROOMS AS INDICATED. SEE DRAWING E1.3 LUMINAIRE SCHEDULE.

DO NOT SCALE DRAWINGS

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A	ISSUED FOR TENDER	16/02/22
Revision/Revisions	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
P.P.G.

Designed by/Conçue par
N.O.W.

PWGSC Project Manager/Administrateur de Projets TPSGC
BB

PWGSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/Client
AGRICULTURE AND AGRI-FOOD CANADA

Drawing title/Titre du dessin
**ELECTRICAL
NEW CONSTRUCTION**

PERMIT TO PRACTICE
MPE ENGINEERING LTD.
PERMIT NUMBER: P 3680
The Association of Professional
Engineers and Geoscientists of Alberta

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
R.071094.001	E1.2	A
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