



**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave./10025 ave. Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6  
Bid Fax: (780) 497-3510

## SOLICITATION AMENDMENT MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address  
Raison sociale et adresse du  
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution  
Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave./10025 ave Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6

<b>Title - Sujet</b> Roof Replacement	
<b>Solicitation No. - N° de l'invitation</b> EP922-171041/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> AAFC EP922-171041	<b>Date</b> 2016-08-25
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWU-201-10829	
<b>File No. - N° de dossier</b> PWU-6-39113 (201)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2016-09-02</b>	
<b>Time Zone</b> Fuseau horaire Mountain Daylight Saving Time MDT	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Ho (RPC), Hector	<b>Buyer Id - Id de l'acheteur</b> pwu201
<b>Telephone No. - N° de téléphone</b> (780) 901-0989 ( )	<b>FAX No. - N° de FAX</b> (780) 497-3510
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> See Herein	

Instructions: See Herein

Instructions: Voir aux présentes

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation No. - N° de l'invitation  
EP922-171041/A  
Client Ref. No. - N° de réf. du client  
AAFC EP922-171041

Amd. No. - N° de la modif.  
002  
File No. - N° du dossier  
PWU-6-39113

Buyer ID - Id de l'acheteur  
pwu201  
CCC No./N° CCC - FMS No./N° VME

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**Veillez consulter la version anglaise de la modification no 002**

The following change(s) to the tender documents are effective immediately, and will form part of the contract documents:

### 1. GENERAL

1.1	The Bidding Documents are amended as noted in this Addendum, which consists of 5 pages and attached sketches.
1.2	This Addendum is issued prior to bid closing to incorporate revisions noted herein. Include in the Bid price all such revisions which will become part of the Work. Perform all such Work in accordance with the Contract Documents.
1.3	All affected drawings, schedules and panel changes shall be reflected in final as-built and manual submissions.
1.4	<p>*****</p> <p><b>Building Permit Application:</b></p> <p>The General Contractor shall apply and pay for the building permit. The General Contractor will need to coordinate with the permit authorities for inspection requirements, and sub-trade permits are the responsibility of the Contractor and their Sub-Contractors.</p> <p>*****</p>

### 2. CHANGES TO PREVIOUS ADDENDA

2.1	N/A
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### 3. DRAWINGS

3.1	<p><b><u>Drawing 7/A0.1 – Phasing</u></b></p> <p><b>Add:</b> GENERAL NOTE FOR ALL PHASES: OPERATIONS AND EQUIPMENT IN 101 MANURE AREA IS TO REMAIN IN SERVICE 24 HOURS A DAY, 7 DAYS A WEEK FOR THE DURATION OF THE PROJECT.</p> <p>Refer to attached sketch ASK1.1.</p>
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3.2	<p><b><u>Drawing 1/A2.1 – RCP Demolition Plan</u></b></p> <p><b>Revise to read:</b> 101 MANURE: REMOVE PRECAST CONCRETE CHANNEL PLANKING AND STEEL ROOF JOISTS. -REMOVE EXISTING CONCRETE BLOCK ON GRIDLINE B AND PREPARE FOR NEW WORK - REFER TO STRUCTURAL. HAZMAT ABATEMENT IS REQUIRED AT THIS LOCATION DUE TO VERMICULITE IN CORES. -CUT OFF ALL EXISTING STRUCTURE FLUSH WITH WALLS, DO NOT REMOVE EMBEDS ON GRIDLINES B AND 2 - WALLS CONTAIN HAZMAT VERMICULITE.</p> <p><b>Add:</b> REMOVE PORTION OF EXISTING SHED ROOF AS REQUIRED, RE-INSTALL.</p> <p>Refer to attached sketch ASK1.1.</p>
3.3	<p><b><u>Drawing 2/A2.2 – Roof Construction Plan</u></b></p> <p>In order to accommodate the door sill and mechanical vent on the north side of the roof penthouse, an additional roof curb, gutter and scupper are required. Slope this area of the roof to the drain; locate drain adjacent to wall.</p> <p>Refer to attached sketch ASK1.1.</p>
3.4	<p><b><u>Drawing S1.1 – Structural Demolition and Proposed Plans</u></b></p> <p><b>Clarification:</b> All existing steel concrete imbedments that are being removed or relocated are to be cut off from existing walls and ground flush to avoid removal that may disrupt existing walls containing asbestos that are not identified for abatement.</p> <p><b>Clarification:</b> Remove and replace 7 rows of masonry, between gridlines 1 and 2, along grid line B. Coordinate removal with asbestos abatement. See attached Structural Detail on SSK001.</p> <p><b>Add:</b> Support for Q-decking along grid line 2 to be provided by existing support angle bolted to adjoining wall, and existing deck ledge on exterior wall. Coordinate for installation of additional tubing or angles to match Q-deck height, and painting of re-used structural material. New ledger angles not to be anchored into walls containing asbestos.</p>
3.5	<p><b><u>Drawing S2.1 – Structural Details</u></b></p> <p><b>Add:</b> See section details for proposed structural work on Structural Detail on SSK001, SSK002, and SSK003.</p>

3.6	<p><b><u>Drawing M1.1 – Mechanical Existing and Demolition</u></b></p> <p><b>Clarification:</b> Coordinate with abatement contractor for asbestos abatement at penetrations prior to removal of existing Rain Water Leaders.</p>
3.7	<p><b><u>Drawing M1.2 – Mechanical New Construction</u></b></p> <p><b>Add:</b> Provide additional storm drain piping, roof drains, and revisions to vents as required as shown in mechanical sketch, MSK001.</p> <p><b>Clarification:</b> Provide Rain Water Leader s at 9 locations as shown at drops on drawing M1.2, coordinate with abatement contractor for asbestos abatement at penetrations prior to installing new discharge penetrations.</p>
3.8	<p><b><u>Drawing E1.1 – Electrical Existing and Demolition</u></b></p> <p><b>Clarification:</b> The electrical power feeds supplying power to the manure room 101equipment, and the fire alarm system are to stay operational throughout construction. During the abatement process, the support of the conduits that are to remain in service should be confirmed with the abatement contractor prior to the asbestos abatement process starting. Power will need to be cycled off and on daily to the electrical conduits and equipment being maintained, to assist with the asbestos abatement process.</p>
3.9	<p><b><u>Drawing E1.2 – Electrical New Construction</u></b></p> <p><b>Clarification:</b> Equipment specified as Encelium wireless lighting control products, may be supplied as Encelium or approved equivalent.</p> <p><b>Add:</b> Provide 120V, 15A circuit and receptacle for lighting control system in Electrical room 128. Mount lighting control system equipment consisting of wall mount rack, rack mount power bar, control unit, router, switch, and power injector. Provide and install network cabling to wireless control modules as located on drawings.</p> <p><b>Add:</b> Provide and install (4) 120V Class B GFI breakers to power receptacles for Rain Water Leaders (RWL), coordinate breaker installations in panels with available capacity, in proximity to proposed outlets, no more than 3 RWL outlets per circuit. Provide nine (9) receptacles for RWL, typical of all locations shown on M1.2 except for the Manure Room 101 RWL. Provide 15W/m heat trace for RWL as shown on M1.2.</p>

3.10	<p><b><u>Drawing E1.3 – Electrical Luminaire Schedule</u></b></p> <p><b>Clarification:</b> Equipment specified as Encelium wireless lighting control products, may be supplied as Encelium or approved equivalent.</p> <p><b>Delete:</b> 2 – Encelium Part Number 45311, Ethernet Switch Rackmount, 16 port. 3 – Encelium Part Number 1TPE.113GI, Power injector.</p> <p><b>Add:</b> 1 – 24U, 2 post, wall mount rack. 1 – Ethernet Rackmount Switch, 12 port, Power-Over-Ethernet, Netgear, Model Number M4100-12GF, or approved equivalent.</p>
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#### 4. SPECIFICATIONS

4.1	<p><b><u>Section 01 11 00 – Summary of Work</u></b></p> <p><b>Add to article 1.5 HAZARDOUS BUILDING MATERIALS DESCRIPTION OF THE WORK:</b></p> <p>1.5.2.5. Removal and disposal of asbestos-containing vermiculite insulation from the exterior block walls at the locations where rainwater leaders will be installed following Asbestos Maximum requirements.</p> <p>1.5.2.6. Removal and disposal of asbestos-containing vermiculite insulation from the concrete block walls between gridlines 1 and 2, along grid line B. Coordinate removal with structural drawings. Follow Asbestos Maximum requirements.</p>
4.2	<p><b><u>Section 22 13 18 – Drainage Waste and Vent Piping – Plastic</u></b></p> <p><b>Add:</b> 2.2.2.1 PVC piping to have a flame spread rating less than 50 and smoke development less than 25. PVC piping to be marked as XFR or equivalent rating system.</p> <p><b>Add:</b> 2.2.3.1 Cast iron piping to be supplied for all vertical sections, or sections exposed to mechanical damage, in place of PVC.</p>

## 5. COMMENTS

5.1

Comment:

Also, would you be able to let us know what make the fire alarm system is?

Response:

Conventional system, Edwards, EST – FireShield.



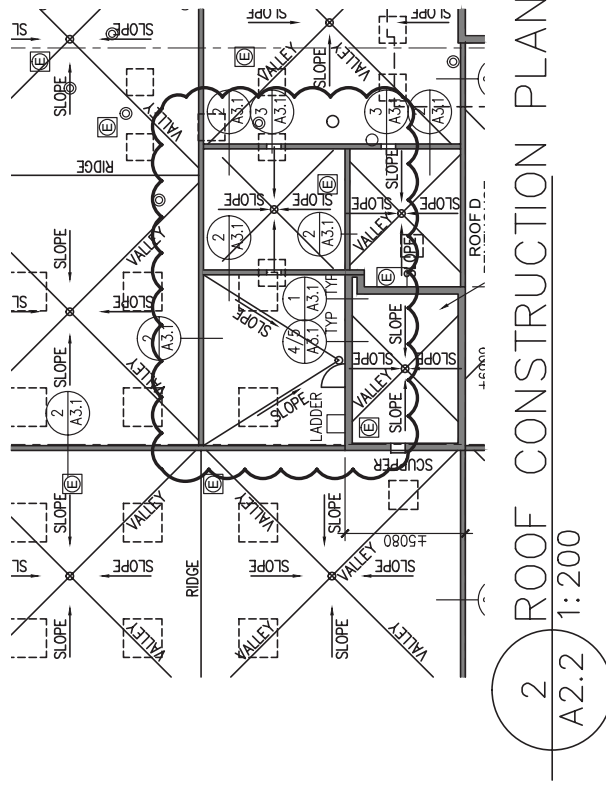
## 6. ATTACHMENTS

6.1

ASK1.1 –	11x17
SSK1 –	8 ½ x 11
SSK2 –	8 ½ x 11
SSK3 –	8 ½ x 11
MSK1 –	8 ½ x 11

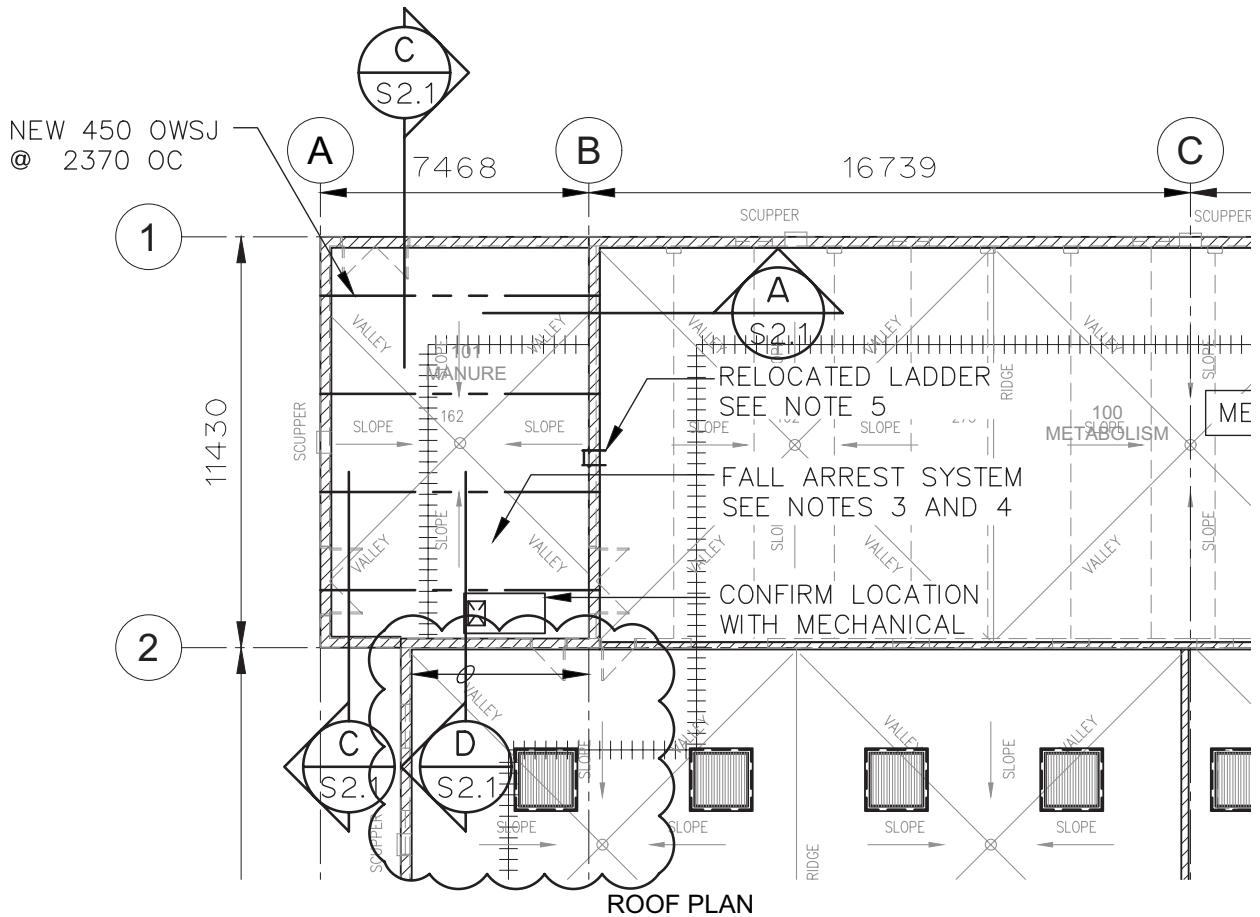
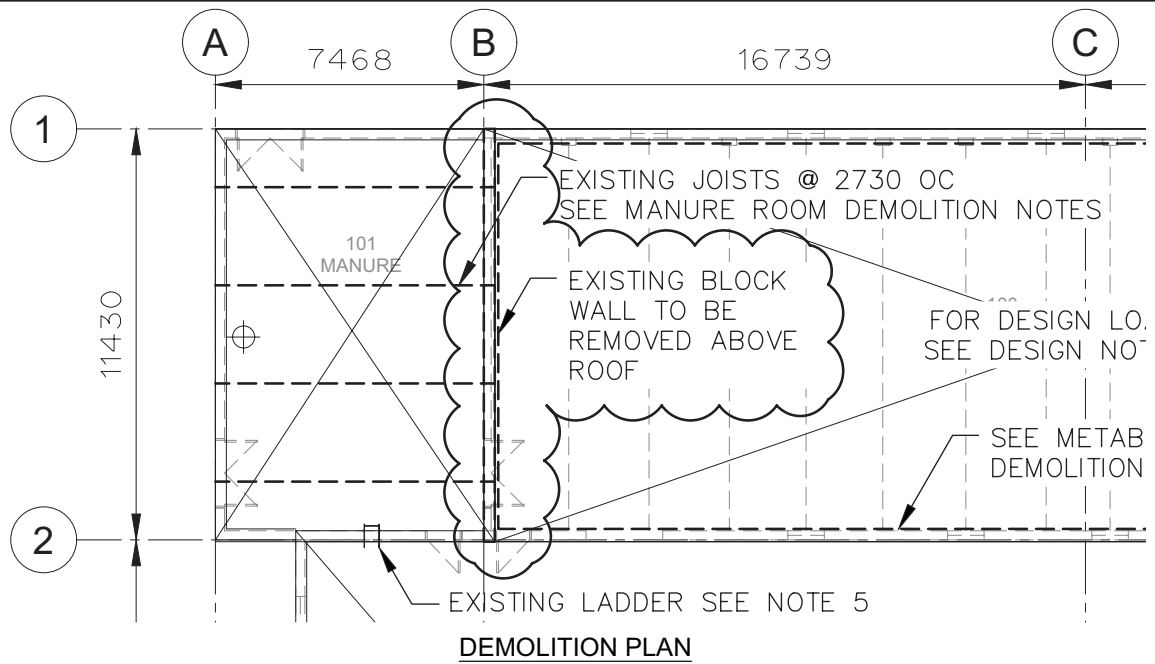
End of Addendum No.1.

Scale/Echelle AS INDICATED	Date/Date Aug 24, 2016	Sheet/Feuille A01/4
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2 ) ROOF CONSTRUCTION PLAN  
2.2 1:200





AGRICULTURE AND AGRI-FOOD CANADA

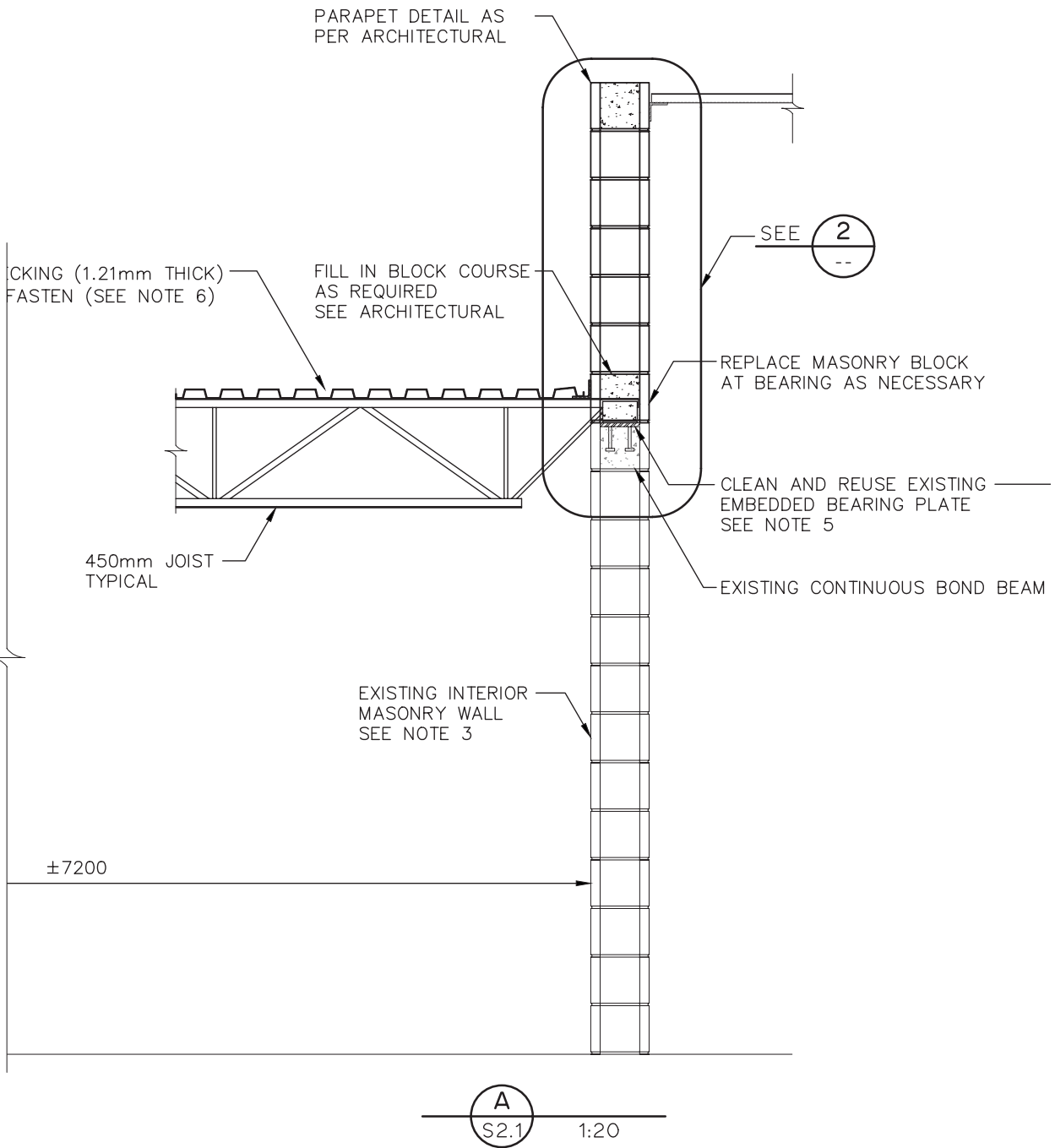
LCR ROOF REPLACEMENT - DAIRY BARN  
STRUCTURAL  
DEMOLITION AND ROOF PLAN

SCALE: 1:200

DATE: AUGUST 2016

JOB: 1651-004-00

DRAWING: SSK1



AGRICULTURE AND AGRI-FOOD CANADA

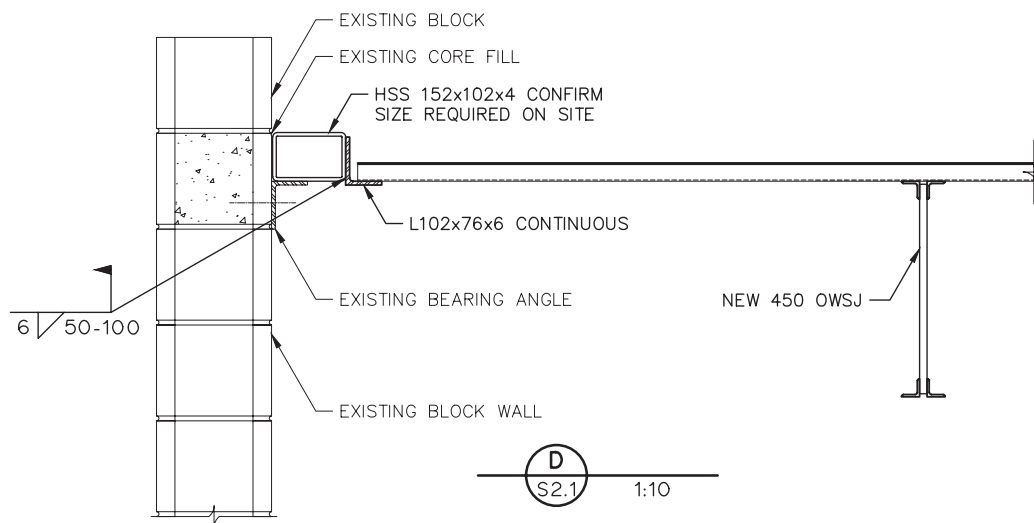
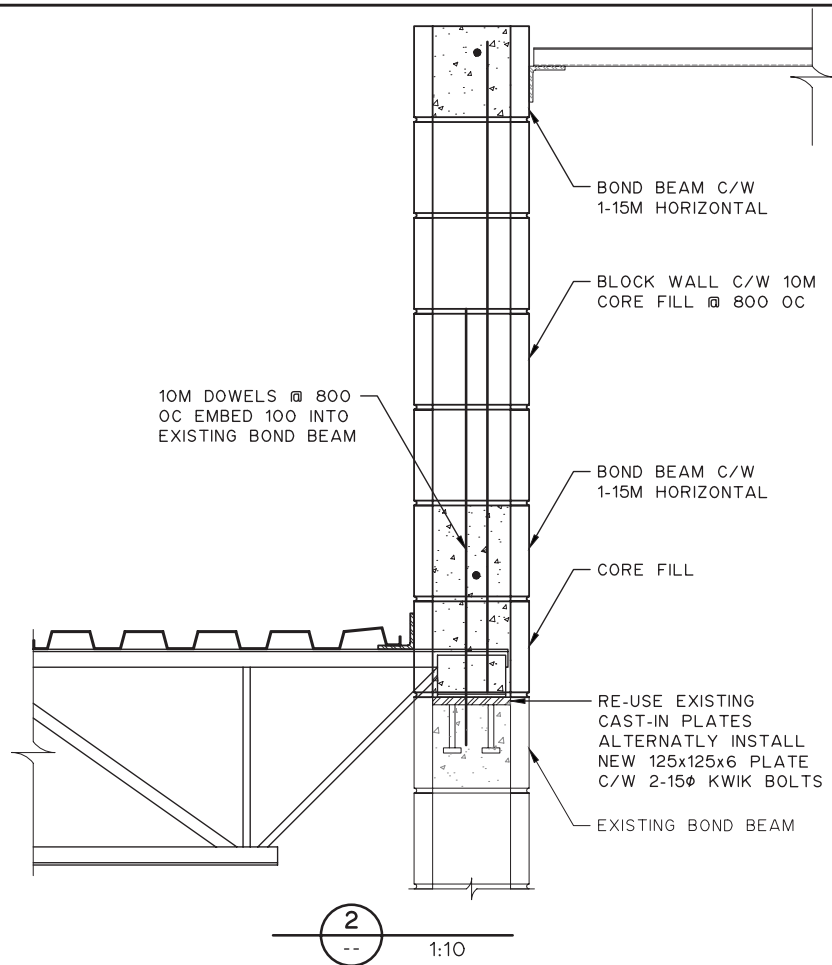
LCR ROOF REPLACEMENT - DAIRY BARN  
STRUCTURAL  
REVISED SECTION A/S2.1  
NEW CONSTRUCTION

SCALE: NTS

DATE: AUGUST 2016

JOB: 1651-004-00

DRAWING: SSK2



AGRICULTURE AND AGRI-FOOD CANADA

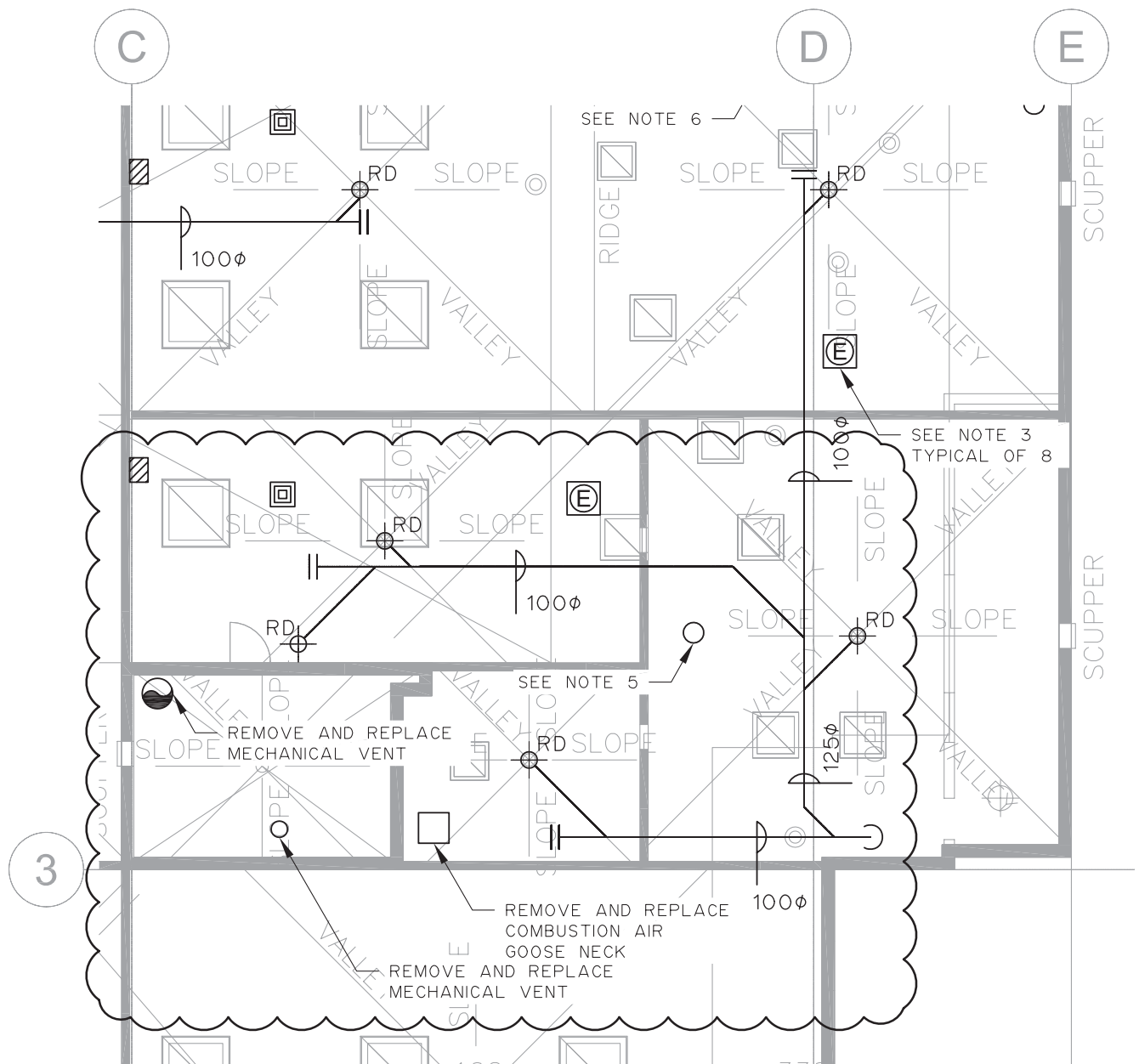
LCR ROOF REPLACEMENT - DAIRY BARN  
STRUCTURAL  
SECTIONS AND DETAILS

SCALE: NTS

DATE: AUGUST 2016

JOB: 1651-004-00

DRAWING: SSK3



AGRICULTURE AND AGRI-FOOD CANADA

LCR ROOF REPLACEMENT - DAIRY BARN  
MECHANICAL  
ROOF PLAN

SCALE: 1:200

DATE: AUGUST 2016

JOB: 1651-004-00

DRAWING: MSK1