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ADDENDUM No. 03

Date: February 28, 2019

Number of Pages: 36

This Addendum varies the Contract Documents entitled:

Coaldale Government Building

Project No.: 9030

This Addendum forms part of the Contract Documents and is to be read, interpreted and coordinated with all other parts. The cost of all work contained herein is to be included in the Contract sum. The following revisions supersede the information contained in the original drawings and specifications issued for the above named project to the extent referenced and shall become part thereof. Acknowledge receipt of this Addendum by inserting its number and date on the Tender form. Failure to do so may subject bidder to disqualification.

ADDENDUM NO. 03

Addendum Includes: Architectural Addendum No. 03, Structural Addendum S2, Structural Addendum S3, Mechanical Addendum M2, and Electrical Addendum E1.

PREVIOUSLY ISSUED ADDENDUM 2 -

.1

.1 CLARIFICATIONS

.1 1.8.5 – Article 2.1.9.6

Revise:".... www.sotoragesolutionsalberta.ca"To read:".... www.storagesolutionsalberta.ca"

.2 1.8.7 and 1.8.8 - Article 2.1.11 and 2.1.12 respectively .1 Revise: "1-800-2555-8170" To read: "1-800-255-8170"

.2 SPECIFICATIONS

.1 Section 06 20 00 – Finish Carpentry

- .1 Add 2.1.1.6.4 "Maple, 38 x 89 mm lumber, 6% moisture."
- .2 Add 2.2.4 "Folding bench support:
 - .1 Folding bench support for detail 13/A9.4 to be same as Bobrick B-5181, with extra bolt holes to suit 38 x 89 mm lumber.

Purchasing B-5181 removing seat, and modifying supports is acceptable."

Section 07 21 13 - Board Insulation .2

.1	Revise 2.1.2	"Perimeter foundation and under slab insulation in accordance with
		Section 07 21 13.13 – Cement Face Insulation Board."
	To read	"Perimeter foundation insulation:
		.1 Extruded polystyrene (XPS) to CAN/ULC-S701-11, Standard for
		Thermal Insulation, Polystyrene, Boards and Pipe Coverings.

- Type: 4.
- .1 .2 Thickness: As indicated.
- Size: First face: depth of grade beam. Second face: 400mm x manufacturer length. .3
- .4 Edges: Square.
- .2 Delete 2.1.3 in its entirety.

.3 Section 07 26 00 - Vapour Retarders

	.1	Revise 2.2.3	 "Air/Vapour Barrier mechanically fastened around openings: Based on Soprema Sopraseal Stick 1100T. .1 Self-adhesive membrane compatible with air/vapour barrier with 150 mm lap from edge of openings. .2 Thickness: 1.0 mm. .3 Tear Resistance, MD/XD: 535/245 N. .4 Water Vapour Transmission: to ASTM E96/E96M, 2.1 ng/Pa*s*m2 (<0.037 perm).
		To read:	.5 Air Permeability: to ASTM E2178, < 0.0005 L/s*m2." "Air/Vapour Barrier mechanically fastened around openings: Use same membrane as sheet vapour barrier: Based on Soprema Sopraseal Stick 130."
	.2	Revise 3.4.1.1 To read:	"Apply continuous bead of sealant to substrate at perimeter of sheets." "Apply continuous bead of sealant to substrate at perimeter of sheets and along horizontal joints to shed water."
.4	Section	07 42 13 - Modula	ar Panel System
	.1	Add 2.3	"OUTBUILDING INTERIOR CLADDING .1 Vicwest Supervic Cladding 26ga. Standing seam, 19mm high rib, side lap, prefinished from Manufacturer's standard range."
.5	Section	07 52 00R – Modit	fied Bituminous Membrane Roofing
	.1	Add 2.9.2	"Drain Sump size: 1200 x 1200 mm."
.6	Section	07 61 00 – Sheet I	Metal Roofing
	.1	Add 1.4.6	"Warranty: .1 Provide a workmanship 5 year warranty against leaks."
	.2	Add 1.7.1.5	"Agway metal deck can be used."
	.3	Revise 1.7.3.3 To read:	"125 Z-bars with drainage holes at 600 mm on centre." "75 Z-bars with drainage holes at 600 mm on centre."
	.4	Add 1.7.3.4	"50 mm Semi-rigid insulation."
	.5	Add 2.3.8	"Butyl double sided tape to be used at metal profile panel seams."
	.6	Add 3.2.9	"Install board and batten, roofing panels based on manufacturer's installation procedures with panels lapping to create positive drainage."

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. 00		
.7	Revise 3.3.1 To read:	 " Use 400 mm wide by lengths of sheets to suit for the clerestory roof and 2400 mm for Out Building roof to make roofing with standing seams 400 mm on centre without straight run of standing seam exceeding 10 m." " Use 2400 mm length for Out Building roof to make roofing with standing seams 400 mm on centre without straight run of standing seam exceeding 10 m."
Section	on 09 51 13R – Aco	ustic Panel Ceilings
.1	Revise 2.1.1.1 To read:	"Type ACP-1. Based on Armstrong Ultima 1941 or CGC USG MARS CLIMAPHIS, HIGH-NRC/HIGH-CAC:" "Type ACP-1. Based on Armstrong Ultima 1941, or USG/CGC HIGH- NRC/HIGH-CAC CLIMAPLUS SERIES, or ROCKFON ALASKA dB:"
.2	Revise 2.1.1.2 To read:	"Type ACP-2: Based on CertainTeed, Theatre Black F with foil backing, Room 156." "Type ACP-2: Based on CertainTeed, Theatre Black F with foil backing, Room 156, or Rockfon Cinema Black, or USG/CGC/Mars High – NRC/High-CAC Climaplus Series flat black."
.3	Revise 2.1.1.3 To read:	"Acceptable manufacturers are Armstrong, CertainTeed, Roxul Rockfon." "Acceptable manufacturers are Armstrong, and CertainTeed, and Roxul
.4	Revise 2.1.4 To read:	and Rockton, and USG/CGC ceiling solutions." "Suspension Ceiling system by acoustic unit manufacturer, to ASTM E580, C636, for seismic Design Category D:" "Suspension Ceiling System by acoustic unit manufacturer, to ASTM C636, and ASTM E580 for Seismic Design Category D:"
.5	Revise 2.1.4.2 To read:	"Suspension system must be attached to two adjacent walls – opposite walls must have a ¾" clearance." "Suspension system, in addition to the standard ASTM C636 suspension requirements, must be attached to two adjacent walls – opposite walls must have a ¾" clearance."
.6	Add 3.2.3	"Hanger wires to be attached to support structure including bottom flange of steel deck, joists, and beams."
Section	on 09 80 00 – Acous	stic Treatment
.1	Revise 2.1.2.3 To read	"Flame spread class of 25 or less passing CAN/ULC – S102" "Flame spread: 25 or less, passing CAN/ULC – S102, or Class A."
.2	Revise 2.1.2.4 To read:	"NRC designation of 1.10." "NRC designation of 0.95. Thickness will be determined by manufacturer."
Sectio	on 12 21 23 –	
.1	Add 2.1.9	"SunProject Moduline" as acceptable substitution.

.10 Section 32 31 13 – Chainlink Fences

.1 Add 2.1.1.5 "Size: Concrete pile to be 300 diameter and 1500 deep."

.3 DRAWINGS

.8

.9

.1 A1.2 – Site Detail

.1 18/A3.1 – Telephone Mount Isometric View Refer to AASK7 for detail of mount.

.2 A2.4 – Main Floor and Clerestory Reflected Ceiling Plans and Details

.1

.1 9/A2.4 – Main Floor Reflected Ceiling Plan. Replace 9/A2.4 with AASK9.

.3 A2.8 – Out Building Floor Plan, Elevations, Sections and Details

- Roof Types
 R5 Revise to read:
 "Standing seam metal roof:
 -75mm Z-Bars at 600 on centre (provide 6mm Ø drain holes at 600 on centre at bottom of vertical face).
 -50mm semi-rigid insulation
 -Grace ice and water shield membrane
 -gypsum sheathing board
 -metal deck
- .2 Details 17/A2.8, 18/A2.8 and 19/A2.8 Revise roof construction to Roof Type R5.

.4 A3.1 – Exterior Elevations

- .1 Add: General Notes
 - .1 Joints in APS Facias to be maximum 2200 on centre.
 - .2 Refer to drawing AASK9 for widths of canopies and overhangs.

.5 A4.3 – Wall Section

- .1 Wall Sections 1/A2.2, 2/A2.2 and 7/A2.2 the underside of the fascia trim is 102 950. Change reference marker Sim 7/A4.5 to read AASK 2.
- .2 Wall Sections 1/A2.2, 2/A2.2 and 7/A2.2 change overhang dimension of "450" to read" 515".
- .3 Wall Sections 3/A2.2 and 5/A2.2 Add dimension of 4070 to underside of the fascia.
- .4 Wall Sections 3/A2.2, 4/A2.2, 5/A2.2 and 6/A2.2 Delete "spray foam insulation"
- .5 Wall Section 8/A2.2 Change dimension of "2992" To read "2950".

.6 A4.4 – Wall Section

- .1 Add Detail AASK-10.
- .2 Add Wall Section 1/AASK8.

.7 A4.5 – Wall Sections

- .1 2/A2.2 Revise dimension "2975" to read "2950".
- .3 Wall Section 4/A2.2 change note "3565 underside canopy" to read "3565 underside fascia".
- .3 Wall Section 7/A4.3 -Typical Canopy Section Delete "top of overhang 104470" Refer to Building Sections for dimensions of underside of fascia panel.

Addendum No. 03

.4 Add: Detail AASK2.

.8 A4.6 – Wall Sections

- .1 4/A4.6 Section Detail
 - .1 Roof note: Delete "sloped insulation"

.9 A4.7 – Wall Sections

- .1 6/A4.6 Section Detail
 - .1 Add: "provide continuous 150 x 200 sheet metal over roof/wall corner.
 - .2 Add: "vapour retarder under roof insulation to be as specifications in spec section 07 52 00."
- .2 1/A4.7, 2/A4.8 and 3/A4.8
 - .1 Detail 6/A4.6 applies
- .3 2/A4.8 Wall Sections
 - .1 Refer to AASK 11.3 for revisions to Roof R1 wall junction at gridline B.

.10 A4.8 – Roof Plan Large Scale North Hip Details

- .1 1/A4.8 North Roof Plan.
 - .1 Refer to revised Roof Plan AASK11.1
- .2 Add AASK 11.2 and 11.3 referring to additional sections through the canopy roof.

.11 A5.3 – Door and Window Elevations and Schedule

- .1 Outbuildings Door Schedule.
 - .1 OH001: Change dimension of "1600". To read: "1700".

.12 A6 – Door and Window Elevations and Schedule

.1 Aluminum Windows. W19 and W20 Revise: "2400" To read: "2210"

.13 A8.1 – Secure Area Interior Elevations and Millwork

.1 Interior Elevations 10, 12 and 13 Clarification: Acoustic panels are AP2.

.14 A8.2 – Interior Elevations

- .1 Interior Elevations 9, 10, 11, 12, 13, 14, 15, and 16 Clarification: Acoustic Panels are AP1.
- .2 Interior Elevations 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16 Clarification: AP1 is full width and height of walls from 1200 above finished floor. Wall painting is below AP1.

.15 A9.1 – Large Scale Washroom Plans and Elevations

- .1 Plan 10: Rooms 134 and 135:
 - Add: Angled grab bars and straight grab bars as per keynotes 1 and 2 to each barrierfree stall, one stall per room.

.16 A10.1 – Main Floor Finish Plan

- .1 Room 102 and 104: Wall Finish Revise: "PT/TEC" To read: "PT/AP1"
- .2 Room 103: Wall Finish Revise: "PT/AFP" To read: "PT/AP1"
- .3 Room 116: Wall Finish Revise: "HBC/TEC" To read: "HBC/AP2"

ATTACHMENTS: AASK 2 AASK7 AASK7 AASK8 AASK9 AASK10 AASK10 AASK11.1 AASK11.2 AASK11.3 Structural Addendum S2 Structural Addendum S3 Mechanical Addendum M2 Electrical Addendum E1

END OF ADDENDUM NO. 03



COALDALE PROTECTIVE SERVICES BUILDING

ARCHITECTS AND PLANNERS

Drawing No. Scale AS NOTED Designed By кт Proiect No. 9030 Drawn By KC Date Checked By ΜТ FEB 19, 2019











1. UNDERSIDE OF SOFFITS TO BE ADJUSTED

2. REMOVE CANOPY ON SOUTH SIDE OF BUILDING ALONG GRIDLINE 'L'.

3. ADJUST CANOPY AT GRIDLINE 12/H AND 13/H. REFER TO AASK1.2 FOR DIMENSIONS.



Notes

- Do not scale drawing
- It is the responsibility of the appropriate Contractor to check and verify all dimensions on site and report all errors and/or omissions to the Architect or Engineer
- It is the responsibility of the appropriate Contractor to comply with all Codes and Regulations applicable to the performance of their work

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COALDALE PROTECTIVE SERVICES BUILDING

Scale	AS NOTED	Designed By	кт
Project No. 9030		Drawn By	кс
No.	Description		Date FEB. 26. 2019

REFLECTED CEILING PLAN: CANOPY HEIGHTS









Notes: * Do not scale drawing

 It is the responsibility of the appropriate Contractor to check and verify all dimensions on site and report all errors and/or omissions to the Architect or Engineer

 It is the responsibility of the appropriate Contractor to comply with all Codes and Regulations applicable to the performance of their work.

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Client Governmen of Canada	t Gouvernement du Canada		
Ca	nadä		
Project COALDALE PROTECTIV	VF		
SERVICES	BUILDING		
Scale AS NOTED	Designed By KT		
Project No. 9030	Drawn By KC		
Date FEB 27, 2019	Checked By MT		
Drawing Title CANOPY R	OOF PLAN		
Drawin	g No.		







STRUCTURAL ADDENDUM

Project:	Coaldale Protective Services Building	File No.	841-004
Client:	Stephens Kozak – ACI Architects and Planners	Addendum No.	S2
Сору:		Date:	February 21, 2019

1. **REVISION TO DRAWINGS**

.1 Drawing S1.1 Pile Plan

.1.1 Revise pile dimensions under apron along gridline 12 (+2850) between gridlines E (-838) and F (+1900) as clouded on SSK-031.

.2 Drawing S1.2 Foundation Plan

- .2.1 Revise dimensions of O/H door location along gridline 12 between gridlines E and G and extend apron 200 to the north as clouded on SSK-032.
- .2.2 Add location of oil interceptor pit on plan as clouded on SSK-035.

.3 Drawing S4.1 Wall Elevations Sheet 1

.3.1 On B Elevation on GL 12 (East), move O/H door between gridline F and E 200 to north and add note '20Mx500 LG Weld to HSS' as clouded on SSK-033.

.4 Drawing S3.4 Roof Sections Sheet 4

.4.1 On section 7, add L76x76x6.4 deck edge support 120 from center of beam as clouded on SSK-034.

BPTEC ENGINEERING LTD. – General Partner Per:

Noel Minimo Drafting Technologist

A Limited Partnership

Enclosures: SSK-031, SSK-032, SSK-033, SSK-034, and SSK-035.

End of Addendum No S2













STRUCTURAL ADDENDUM

Project:	Coaldale Protective Services Building	File No.	841-004
Client:	Stephens Kozak – ACI Architects and Planners	Addendum No.	S3
Сору:		Date:	February 28, 2019

1. REVISION TO DRAWINGS

.1 Drawing S0.4 Typical Details

.1.1 Revise 'Typical Hole in Steel Beam' as per SSK-036.

.2 Drawing S1.2 Foundation Plan

.2.1 Delete columns C18 and baseplates BP13 along GL L between gridlines 8 (-622) and 10 (-1465)

.3 Drawing S1.4 Roof Framing Plan

- .3.1 Delete beam W360x33 along gridline L between gridlines 7 (+1417) and 11 (+3558).
- .3.2 Delete line of canopy and note 'South Canopy See Framing Plan on S1.6' along gridline L between gridlines 8 and 10, and delete section mark 3/S3.4.
- .3.3 Delete line of canopy and note 'Line of Canopy' at north of gridline H east of gridline 13.

.4 Drawing S1.6 Canopy Plans

- .4.1 Delete canopy framing between gridlines 12 and 13 north of gridline H as clouded on SSK-025 R1.
- .4.2 Add C310x31 stone veneer support at pilaster above canopy as clouded on SSK-025 R1.
- .4.2 Add C310x31 stone veneer support at pilaster above canopy as clouded on SSK-024 R1.
- .4.3 Delete canopy framing along gridline L between gridline 8 (-622) and 9 (+2321).
- .4.4 Revise beam W200x22 to read W200x27 along gridline L east of gridline 13 as clouded on SSK-025 R1.
- .4.5 Add new section mark 8/S3.5 near gridlines 12/L as clouded on SSK-025 R1.
- .4.6 Revise beam W200x27 to read W250x33 along gridline B' between gridlines 2' and 3" as per SSK-037.
- .4.7 Revise beam W200x36 to read W250x33 along gridline B between gridlines 3" and 5 (-935) as per SSK-037.
- .4.8 Revise note C250x33 to read 'Bent PL 6' between gridline G and G' as clouded on SSK-025 R1.
- .5 Drawing S3.1 Roof Sections Sheet 1

.5.1 Revise section 8 and 9 as clouded on SSK-015 R1. Deleted canopy at north of gridline H.

.6 Drawing S3.4 Roof Section Sheet 4

.6.1 Delete section 3.

- .7 Drawing S3.5 Roof Section Sheet 5
 - .7.1 New section 8 on S3.5 as per SSK-038.
- .8 Drawing S4.1 Elevations Sheet 1
 - .8.1 On Elevation A (South), Delete beam W360x33 between gridlines 7 (+1417) and 11 (+3558) and replace with bond beam BB2, which is extended to U/S Deck EL 104.800 as shown on SSK-039.
 - .8.2 Add section 1 as shown SSK-039.
 - .8.3 Revise reinforcing '2-20M @ 600' to read '2-20M @ 200' between gridline 8 and 9 as Clouded on SSK-039.

.9 Miscellaneous Note

.9.1 Weld all canopy bent plates to adjacent members.

BPTEC ENGINEERING LTD. – General Partner Per:

in

Noel Minimo Drafting Technologist

Enclosures: SSK-015 R1, SSK-024 R1, SSK-025 R1, SSK-036, SSK-037, SSK-038, and SSK-039.

End of Addendum No S3















Suite 200, 4220-98 Street NW Edmonton, AB T6E 6A1

ENGINEERING (780) 436-5376 www.bptec.ca

DRG. TITLE :	REVISED TYP. HOLE IN STEEL BEAM					
DRAWN:	DATE :	FILE No. :	SKETCH No. :			
NM	FEB. 28, 2019	841-004	SSK-036			







DRAWN :	DATE :	FILE No. :	SKETCH No. :
NM	FEB. 28, 2019	841-004	SSK-039

Page 1 of 1

This addendum forms part of the Bid and Contract Documents and modifies them as follows:

SPECIFICATIONS

1. Section 23 05 00 – Common Work Results for HVAC

ADD: Add Carrier as an acceptable manufacturer for Fan Coil Units

DRAWINGS

- 1. Drawing M2.0
 - **ADD:** Add RWL piping as per attached sketch M2.0-MSK-01.
- 2. Drawing M2.1

ADD: Add RWL piping as per attached sketch M2.1-MSK-01. **REVISE:** Revise RWL piping as per attached sketch M2.1-MSK-02.

3. Drawing M7.0

ADD: Add roof drains on southeast canopy as per attached sketch M7.0-MSK-01.

ATTACHMENTS: Sketch M2.0-MSK-01, M2.1-MSK-01, M2.1-MSK-02, M7.0-MSK-01

END OF ADDENDUM M1











This addendum forms part of the Bid and Contract Documents and modifies them as follows:

DRAWINGS

1. Drawing E2.0

REVISE: Relocate the control for the wet sink switch to the North wall of room 155. Coordinate exact location with mechanical and wet sink shop drawings.

REVISE: Relocate power for overhead door motor in room 130 so that it is mounted above the man door 130B as per architectural sketch AASK1.5.

2. Drawing E2.1

- **ADD:** Supply and install a 1P-15A circuit for new Unit Heater UH-8 in the outbuilding 002 as per the mechanical drawings. Power from new 1P-15A breaker in outbuilding panel 20B2.
- **ADD:** Supply and install a 1P-15A circuit for new Unit Heater UH-9 in the outbuilding 001 as per the mechanical drawings. Power from new 1P-15A breaker in outbuilding panel 20B2.
- ADD: Supply and install a heat trace to all rainwater leaders. Bring the heat trace from inside into the pipe from inside the building and up to the canopy roof drain. Use 8W/ft heat tracing off of separate 1P-15A circuit. These are noted as RD-3 on the mechanical drawings. Total of 6 roof drains.

NOTES

1. Equals for Lighting Fixtures

Equals for the majority of the fixtures will be accepted as long as they meet the lumen output, aesthetic, and dimensional requirements as the fixtures specified. Fixture F4 and F5 are client specific and equals will likely not be accepted.

ATTACHMENTS

END OF ADDENDUM E1