

The following changes in the tender documents are effective immediately. This addendum will form part of the contract documents.

- .1 Reference: **DRAWINGS** Drawing G01 GENERAL NOTES AND DRAWING INDEX
- a) **[ADD]** The following references to KEY PLAN: Lay-down area for building A20; Lay-down area for building K; time-sensitive bin location: requires temporary fencing and removal of bin at the end of each day. (attached)
- .2 Reference: **DRAWINGS** Drawing A03 BUILDING A20 ROOF PLAN AND PARAPET DETAIL
- a) **[ADD]** New location of downspout to Roof Plan
- b) **[REVISE]** Note #03 to read as follows:
"NEW COPPER DRAIN BOX w/ SCREEN, CONNECTO TO NEW DOWNSPOUT. RETURN CAP FLASHING INTO COPPER BOX. COLOUR OF DOWNSPOUT TO MATCH EXISTING, SEE DETAIL 02/A04. REFER TO ROOF PLAN FOR NEW DOWNSPOUT LOCATION, AND PROVIDE A 305X610 PRECAST CONCRETE SPLASH PAD AT THE BASE." (attached)
- .3 Reference: **DRAWINGS** Drawing A07 BUILDING K DEMOLITION ROOF PLAN
- a) **[REVISE]** Key Note #05 to read as follows:
"DEMO EXISTING ROOF ASSEMBLY:
2-PLY SBS MEMBRANE
2 X 13mm FIBRE BOARD
2 X 76mm POLYISO INSULATION
TAPERED INSULATION
VAPOUR BARRIER
13mm EXT. GYPSUM BOARD"
- b) **[REVISE]** Key Note #09 to read as follows:
"REMOVE EXISTING ROOF MEMBRANE FROM MECHANICAL UNIT CURBS, UNITS NEED TO BE DISCONNECTED AND TEMPORARILY REMOVED. CONTRACTOR TO COORDINATE DOWN-TIME WITH CORRECTIONAL OFFICER."
- c) **[ADD]** Key Note #14:
"DEMO EXISTING EXTERIOR ROOF ANCHOR FLASHING."
- d) **[ADD]** The following to GENERAL NOTES:
 - "It is the roofing contractor's responsibility to hire certified refrigeration/mechanical sub-trades for removing and re-installing the existing mechanical units"
- .4 Reference: **DRAWINGS** Drawing A08 BUILDING K NEW ROOF PLAN
- a) **[REVISE]** Key Note #08 to read as follows:
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“NEW P.T. WOOD CURBS AND PRE-FINISHED FLASHING, SIZE TO MATCH EXISTING, CARRY NEW ROOF MEMBRANE OVER CURBS, SEE DETAIL 06/A10. RE-INSTALL EXISTING SUPPORT FRAMING AND ENCLOSURE.”

b) **[REVISE]** Key Note #10 to read as follows:

“CARRY NEW ROOF MEMBRANE UP/OVER EXISTING ROOF HATCH CURB, REINSTALL HATCH. PAINT ROOF HATCH AND FRAME, COLOUR TO MATCH EXISTING.”

c) **[REVISE]** Key Note #14 to read as follows:

“ROOF CONTRACTOR TO RETAIN A BC REGISTERED P.ENG., WHO SHALL RE-CERTIFY THE EXISTING ROOF ANCHORS AND PROVIDE ASSURANCE SCHEDULES. INSTALL NEW FLASHING FOR EXTERIOR ROOF ANCHOR, SEE DETAIL 07/A10.”

.5 Reference: **DRAWINGS** Drawing A10 BUILDING K ROOF DETAILS

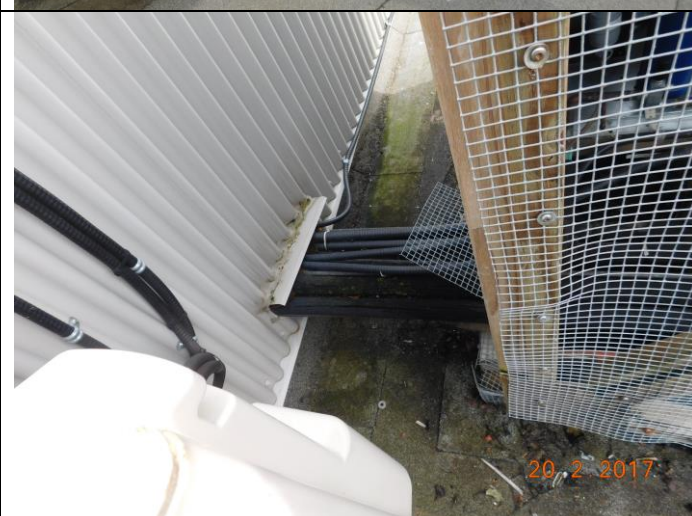
a) **[ADD]** Detail #7: Roof Anchor Flashing Detail. (attached)

.6 **Questions and Answers:**

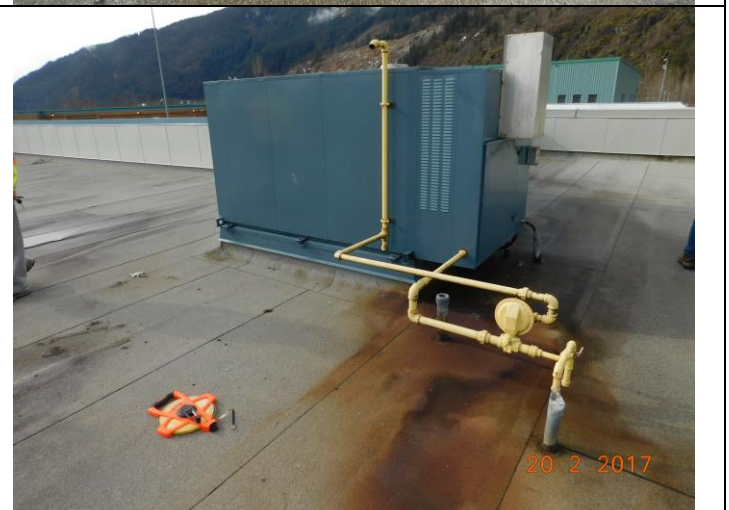
- 1) Question: Section 075200 Modified Bituminous Membrane Roofing
2.08.1 Expanded polystyrene(EPS) does not come in type 4. Do you mean extruded which will substantially increase costs or will a type 2 EPS be acceptable?
Answer: Use type 2 EPS, specification will be revised for Issued for Construction.
 - 2) Question: BA08 Mandatory Requirements contradicts 1.09.1. Does our base bid need to include the RCABC warranty costs? And if so why do we have to declare in BA08 if we are certified or not?
Answer: The base bid need to include the RCABC warranty costs. BA08 is a requirement from PWGSC.
 - 3) Question: Cannot find any reference to the disconnection and reconnection of the air handling roof top units. I assume this will be done by PWGSC? If we need to take care of this we will need another sight meeting to have a mechanical contractor on site to determine costs. Also can you extend closing so that we can have mechanical contractors look at roof top AHU if required?
Answer: Refer to point 3 for additional notes on the disconnection and reconnection requirement. No additional site meeting planned. Additional pictures are included below.
 - 4) Question: Section 010150 General Instructions
1.3.1 Can 8 weeks be extended to at least 16 weeks as most contractors are filled up with work because of our lousy winter.
Answer: Plan for 8 weeks, PWGSC has not granted extra time.
 - 5) Question: Section 076200 Sheet Metal Flashings and Trim
2.05.3 specifies 2400mm lengths. Can we use 3048mm lengths?
Answer: 3048mm lengths are acceptable. Specification will be revised for Issued for Construction.
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- 6) Question: Drawing 02/A03 has a note to install new cedar blocking. In Section 061000 there is no reference to cedar. Can you we use the specified lumber in this section?
Answer: Follow drawings. Specification will be revised for Issued for Construction.
- 7) Question: What is the existing roof assembly on Building K? (ie: insulation thickness and layers)
Answer: Refer to point 3 for Building K's existing roof assembly.
- 8) Question: What happens if the existing vapor barrier is adhered directly to steel substrate?
Answer: Test cuts did not reveal such condition.
- 9) Question: Who is your roofing inspector/consultant on this job?
Answer: MGBA, with additional inspection carried out by RCABC to fulfil warranty requirement.
- 10) Question: On Building K, it states that the wall cladding has to be removed and reinstalled. There was talk about leaving the cladding in place and having a termination bar. Please clarify.
Answer: Follow the Issued for Tender drawings.
- 11) Question: On Building K, it states that the mechanical unit have to be disconnected and temporary removed. However, as discussed on-site, this is not required as the units are on steel curbs. Please clarify.
Answer: Plan for the disconnection and temporary removal of the mechanical units, as the existing metal flashing needs to be replaced.
- 12) Question: Please clarify what is necessary for the condensing units on the sleepers.
Answer: Keynote #08 is revised, see changes to drawing A08 above.
- 13) Question: Please send pictures
Answer: Pictures included blow.
- .7 Reference: For Information Only: Pictures from Feb. 20th Site Visit



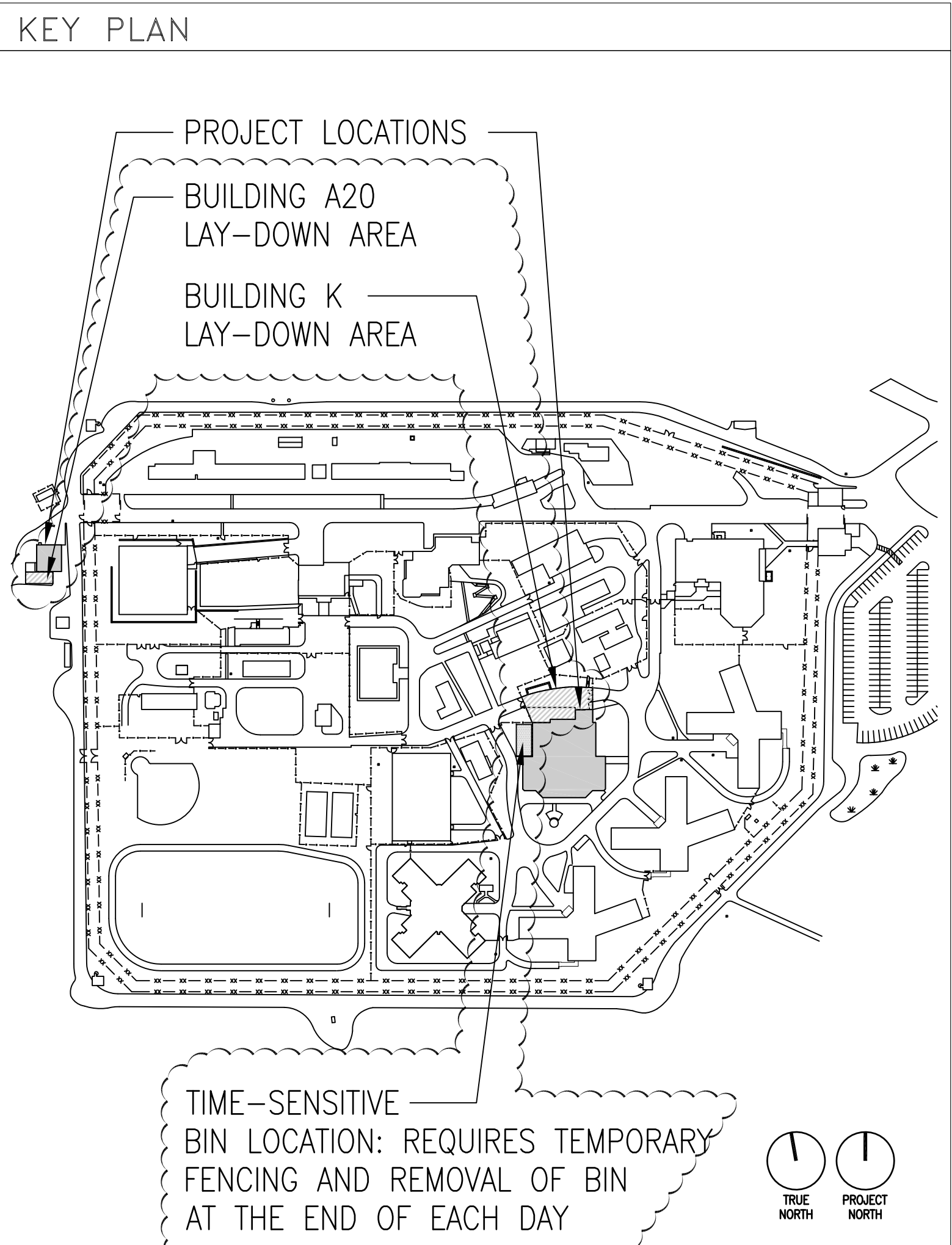
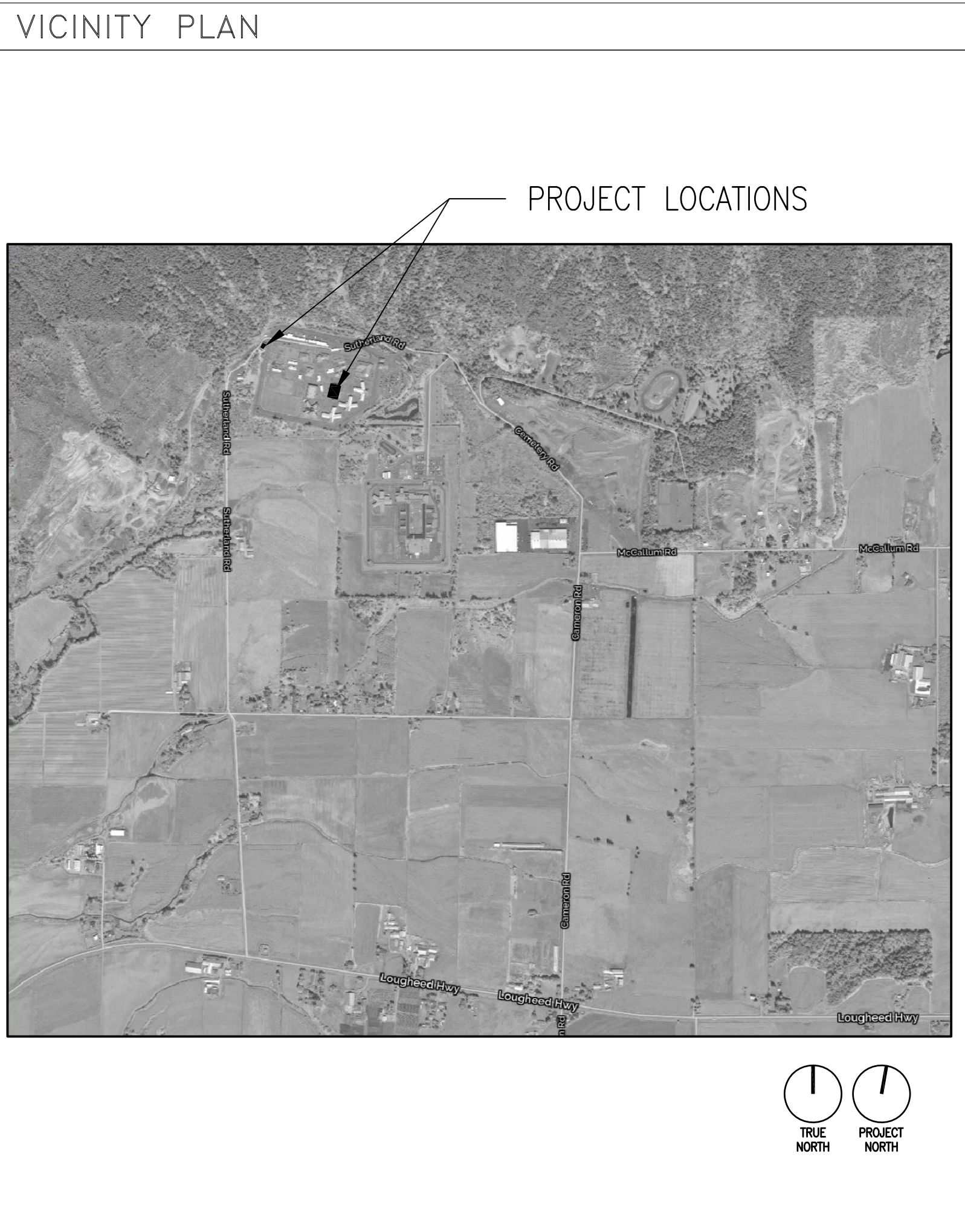


Mountain Institution
Building A20 and K
Roof Replacement






PROJECT LOCATION	
CIVIC ADDRESS: 4732 CEMETERY ROAD AGASSIZ, BC V0M 1A0	
DRAWING INDEX	
	COVER SHEET
G01	GENERAL NOTES AND DRAWING INDEX
A01	BUILDING A20 (POWERHOUSE) PICTURES
A02	BUILDING A20 (POWERHOUSE) DEMOLITION ROOF PLAN
A03	BUILDING A20 (POWERHOUSE) ROOF PLAN AND DETAIL
A04	BUILDING A20 (POWERHOUSE) DETAILS
A05	BUILDING K (KITCHEN) PICTURES
A06	BUILDING K (KITCHEN) PICTURES
A07	BUILDING K (KITCHEN) DEMOLITION ROOF PLAN
A08	BUILDING K (KITCHEN) ROOF PLAN
A09	BUILDING K (KITCHEN) DETAILS
A10	BUILDING K (KITCHEN) DETAILS
GENERAL NOTES	
1. ALL CONSTRUCTION SHALL COMPLY WITH APPLICABLE CODES AS ADOPTED AND AMENDED BY THE AUTHORITY HAVING JURISDICTION.	
2. THESE DRAWINGS ARE SUPPLIED TO THE CONTRACTOR AND OTHERS FOR THEIR USE FOR THIS SPECIFIC PROJECT. ALL COPIES OF THESE DRAWINGS SHALL REMAIN THE PROPERTY OF MALLEN GOWING BERZINS ARCHITECTURE INC. (MGBA INC.) AND SHALL NOT BE REUSED OR REPRODUCED WITHOUT PERMISSION OF MGBA INC.	
3. THE ORGANIZATION OF DOCUMENTS ARE NOT INTENDED TO CONTROL THE DIVISION OF WORK. DIVISION OF WORK SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.	
4. DIMENSIONS ARE TO FACE OF STUD, FACE OF CONCRETE OR GRID LINE AT NEW CONSTRUCTION AND FACE OF EXISTING FINISH AT EXISTING CONSTRUCTION UNLESS OTHERWISE NOTED.	
5. CONTRACTOR SHALL VERIFY DIMENSIONS, REQUIRED CLEARANCES, AND POWER AND PLUMBING REQUIREMENTS FOR ALL OWNER AND NIC ITEMS. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.	
6. EXISTING CONDITIONS SHOWN ARE BASED ON RECORD DRAWINGS AND / OR ORIGINAL CONSTRUCTION DRAWINGS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.	
7. ALL DRAWINGS AND SPECIFICATIONS ARE TO BE READ IN CONJUNCTION WITH EACH OTHER.	
8. CONTRACTOR TO TAKE CARE TO PROTECT ALL EXISTING FINISHES.	
9. CONTRACTOR TO SUBMIT PROJECT SCHEDULE TO ARCHITECT AT PROJECT AWARD.	
10. CONTRACTOR TO NOTIFY ARCHITECT IF LEAD TIMES FOR ANY SPECIFIED ITEMS/PRODUCTS MAY JEOPARDIZE THE PROJECT SCHEDULE.	
11. CONTRACTOR TO ORDER ALL MATERIALS AND FINISHES IMMEDIATELY UPON RECEIVING NOTICE OF AWARD. NOTIFY ARCHITECT IMMEDIATELY OF ANY UNAVAILABLE MATERIALS. USE NEW MATERIALS ONLY, EXCEPT WHERE NOTED OTHERWISE.	
12. EQUAL ALTERNATIVE ITEMS MAY ONLY BE USED UPON RECEIVING ARCHITECT'S WRITTEN APPROVAL.	
13. CONTRACTOR TO SUPPLY ORIGINAL LETTERS OF ASSURANCE FOR ALL DEVICES/ITEMS REQUIRED TO BE SEISMICALLY RESTRAINED. THE ISSUING ENGINEER SHALL BE REGISTERED IN THE PLACE OF WORK.	
14. CONTRACTOR TO VERIFY WITH OWNER THE AVAILABLE MEANS AND CONDITIONS AFFECTING THE MOVEMENT OF MATERIALS AND COMPONENTS INTO THE BUILDING.	



GENERAL ABBREVIATIONS	
AC ASPHALTIC CONCRETE	D DEPTH
ACoust ACOUSTICAL	DEG DEGREES
ACM ASBESTOS CONTAINING MATERIAL	DEMO DEMOLITION
ACT ACOUSTICAL CEILING TILE	DET DETAIL
ADDN ADDITION / ADDITIONAL	DF DRAINING FOUNTAIN
AFF ABOVE FINISHED FLOOR	DIA DIAMETER
ALUM ALUMINUM	DIFF DIFFUSER
ALT ALTERNATE	DN DIMENSION
ANOD ANODIZED	DN DOWN
APPROX APPROXIMATELY	DR DOOR
ARCH ARCHITECT / ARCHITECTURAL	DS DRAIN SPOUT
BD BOARD	DWG DRAWING
BET BETWEEN	E EAST
BLK BLOCK	EA EACH
BLKG BLOCKING	E/A EXHAUST AIR
BM BEAM	EFS EXTERIOR INSULATION FINISH SYSTEM
BRC BEARING	EL ELEVATION
BO BOTTOM OF	ELEV ELEVATOR
BOD BOTTOM OF DECK	ELEC ELECTRICAL
BUR BUILT-UP ROOF	EPDM ETHYLENE PROPYLENE DIENE MONOMER
C CELCIUS	EQUIP EQUIPMENT
CAB CABINET	EW EXHAUST
CB CHALK BOARD	EXP EXPANDED / EXPANSION
CCB CEMENT BACKER BOARD	EXP JT EXPANSION JOINT
CG CORNER GUARD	EXT EXISTING
CHKRD CHECKERED	EXT EXTERIOR
CHL CHAIN LINK	EXTR EXTRUDED
CL CENTER LINE	FAHREH FARENHEIT
CLG CEILING	FA FIRE ALARM
CJ CONTROL JOINT	FAB FABRICATE(D)
CLR CLEAR	FD FLOOR DRAIN
CMP CORRUGATED METAL PIPE	FDC FIRE DEPARTMENT CONNECTION
CMU CONCRETE MASONRY UNIT	FDN FOUNDATION
CD CLEAN OUT	FE FIRE EXTINGUISHER
COL COLUMN	FEC FIRE EXTINGUISHER CABINET
C/W COMES WITH	FF FACTORY FINISHED
COMM COMMUNICATION	FG FIBERGLASS
CONC CONCRETE	FHC FIRE HOSE CABINET
CONST CONSTRUCTION	FHMS FLAT HEAD WOOD SCREW
CONT CONTINUOUS	FIG FIGURE
CONTR CONTRACTOR(OR)	FIN FINISH
CONV CONNECTOR	FIN GR FINISH GRADE
COORD COORDINATE	FIN FLR FINISH FLOOR
CSK COUNTERSINK	FL FLASHING
CSMT CASEMENT	FLR FLOORING
CR CARD READER	FLRG FLOORING
CT CERAMIC TILE	FOC FACE OF CONCRETE
CTR CENTER(ED)	
CU CUBIC	
CUH CABINET UNIT HEATER	
FOF FACE OF FINISH	KPL KICK PLATE
FOM FACE OF MASONRY	LB LBOUND
FOS FACE OF STUD	LF LINEAR FOOT
FOW FACE OF WALL	LT LIGHT
L LAMINATE	MAN MANUAL
LAV LAVATORY	MATL MATERIAL
LPF FIRE PROOFING	MAX MAXIMUM
FR FIRE RATING	MB MACHINE BOLT
FRR FIBERGLASS REINFORCED PANEL	MDF MEDIUM DENSITY FIBERBOARD
FRT FIRE RETARDANT TREATED	MDO MEDIUM DENSITY OVERLAY
FT FOOT / FEET	MECH MECHANICAL
FTG FOOTING	MEMB MEMBRANE
MEZZ MEZZANINE	MFG MANUFACTURER (ED)
FXTR FIXTURE	MH MANHOLE
GA GALVANIZED	MHK MOP HOOK
GALV GALVANIZED	MO MASONRY OPENING
GB GENERAL	MTL METAL
GL GLASS	MTR BD MORTAR BED
GLB GLUE LAM BEAM	MILWK MILLWORK
GLU-LAM GLUE LAMINATED	MIN MINIMUM
GOV GOVERNMENT	MIR MIRROR
GMWB GLASS MESH GYPSUM WALL BOARD	MISC MISCELLANEOUS
GR GRATING	MLDG MOLDING
GRTG GRATING	MTO MOUNTED
GSP GYPSUM WALL BOARD	N NORTH
GNB NON FROST SUSCEPTIBLE	NA NOT APPLICABLE
NIC NOT IN CONTRACT	NAT FIN NATURAL FINISH
NLB NON LOAD BEARING	NFS NON FROST SUSCEPTIBLE
NO NUMBER	NIC NOT IN CONTRACT
NOM NOMINAL	NLB NON LOAD BEARING
NR NON-RATED	NO NUMBER
RP ROUND HEAD WOOD SCREW	NOM NOMINAL
RTR RUBBER TREAD & RISER	NR NON-RATED
S SOUTH	NOT TO SCALE
S/A SUPPLY AIR	O/A OUTSIDE AIR
SC SOLID CORE	OC ON CENTER
SCHD SCHEDULE	OFCI OWNER FURNISHED-CONTRACTOR INSTALLED
SCW SOLID CORE WOOD	OFOI OWNER FURNISHED-OWNER INSTALLED
SECT SECTION	OH OPPOSITE
SF SQUARE FOOT / FEET	OPNG OPENING
SHT SHEET	ORD OVERFLOW ROOF DRAIN
SHTHG SHEATHING	ORIG ORIGINAL
SNW SEALER	PB PUSH BUTTON
SND SANITARY NAPKIN DISPENSER	PBD PARTICLE BOARD
SNR SANITARY NAPKIN RECEPTOR	PL PLATE / PLASTIC LAMINATE
SPEC SPECIFICATION(S)	PLAM PLASTIC LAMINATE
	PLYWD PLYWOOD

SYMBOLS	
1	STRUCTURAL OR REFERENCE GRIDS
A	CUT LINE
XXX'-X" DES.	FINISHED GRADE OR ELEVATION
ROOM NAME XXX	ROOM NUMBER
XX	WINDOWS
XXXA	DOORS
XX	FINISH
XX	WALL TYPES
XX	REVISION SYMBOL & BUBBLE TO INDICATE EFFECTED AREA
XX	DRAWING TITLE
XX	SCALE
XX	BUILDING SECTIONS
XX	WALL SECTIONS
X	DETAILS
XX	EXTERIOR ELEVATIONS (WHEN DESIRABLE)
X	INTERIOR ELEVATIONS
XX	REFERENCE NORTH



Public Works and Government Services Canada

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REAL PROPERTY SERVICES

Pacific Region

SERVICES IMMOBILIERS

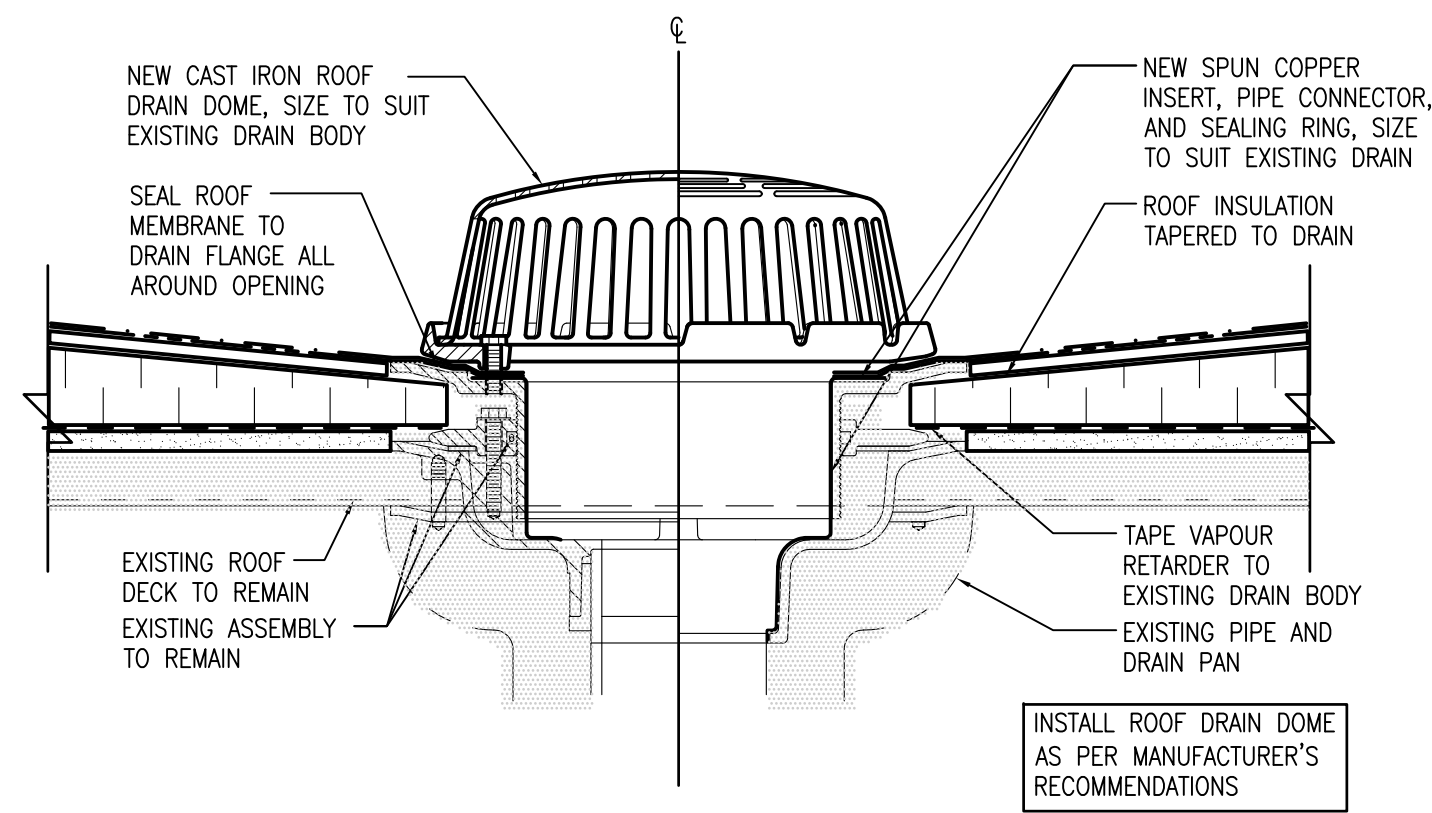
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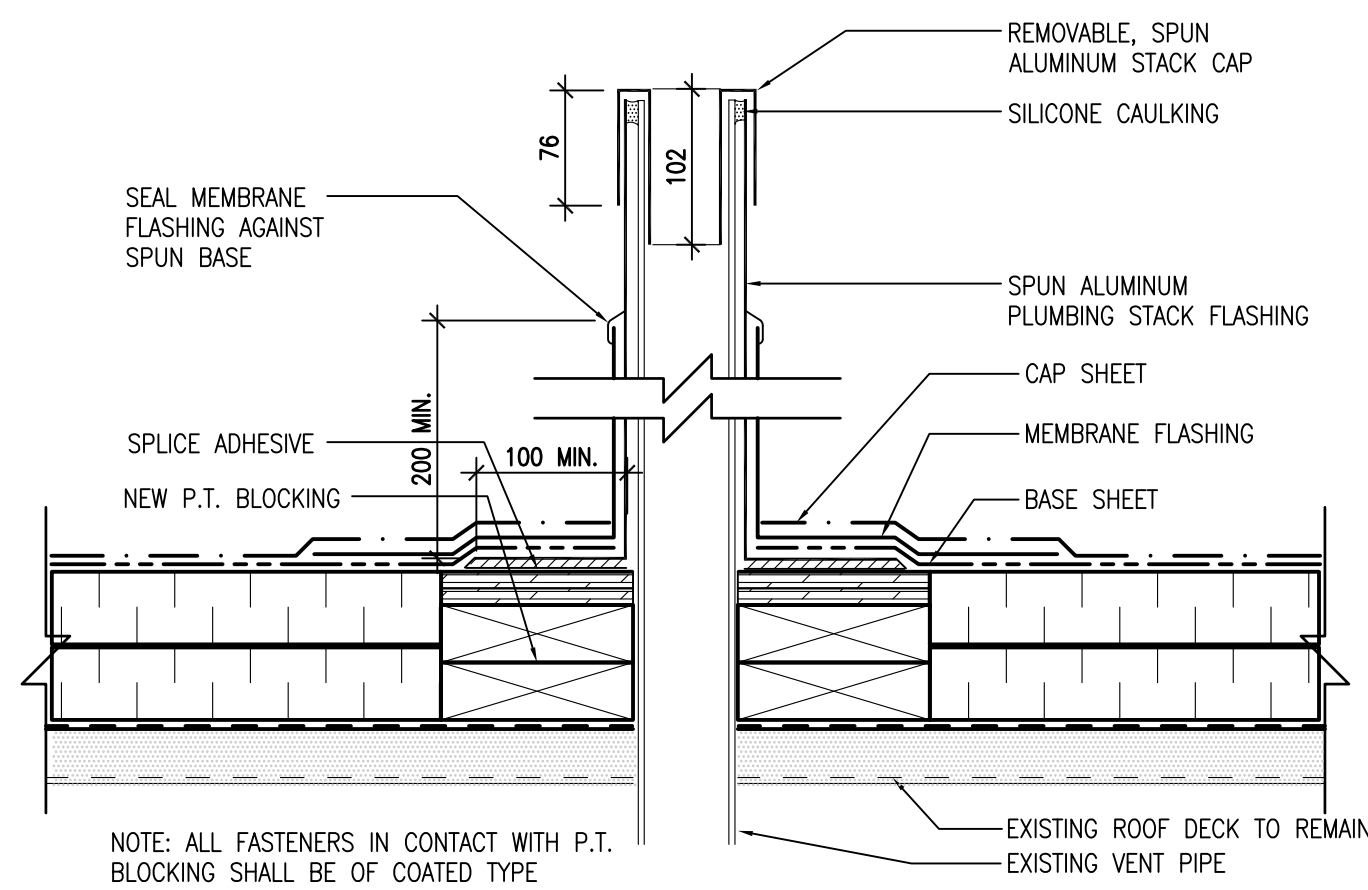
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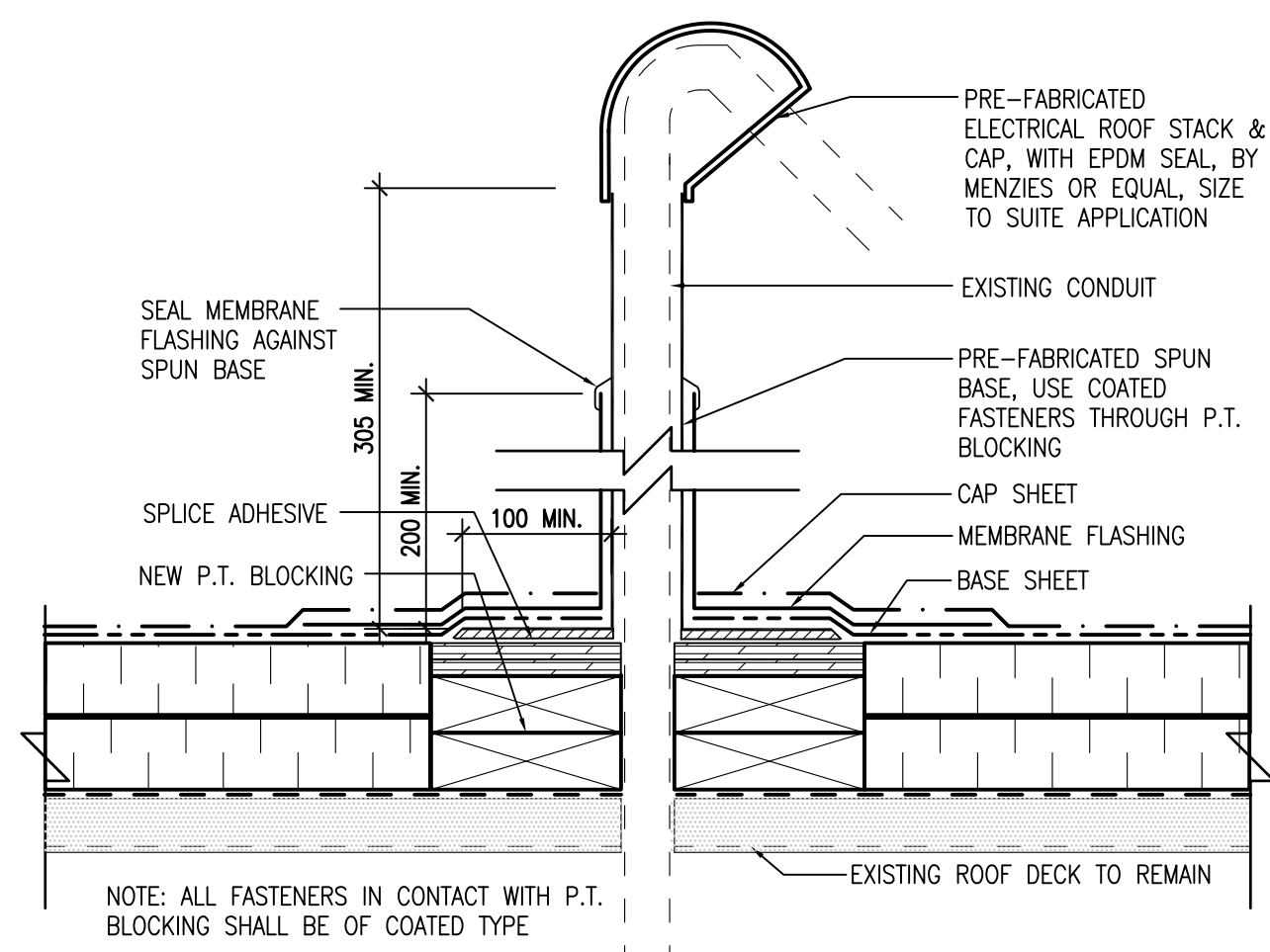
2	ISSUED FOR TENDER	2016/12/21
1	ISSUED FOR 99% REVIEW	2016/11/24
Revision/Revision	Description/Description	Date/Date
Client/client		
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA		
219 - 800 BURRARD STREET VANCOUVER, BC V6Z 0B9		
Project title/Titre du projet AGASSIZ, BC V0M 1A0 4732 CEMETERY ROAD MOUNTAIN INSTITUTION		
BUILDING A20 (POWERHOUSE) & BUILDING K (KITCHEN) ROOF REPLACEMENT		
Consultant Signature Only		
Designed by/Concept par EDWIN BERZINS		
Drawn by/Dessiné par MING HSU		
PWGSC Project Manager/Administrateur de Projets TPSCG PATRICK TROUNG		
PWGSC, Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'ingénierie, TPSCG PREETI PAUL		
Client/client PWGSC		
Drawing title/Titre du dessin		
GENERAL NOTES AND DRAWING INDEX		
Project No./No. du projet R.082490.001	Sheet/Feuille G01 OF 11	Revision no./La Révision no. 2



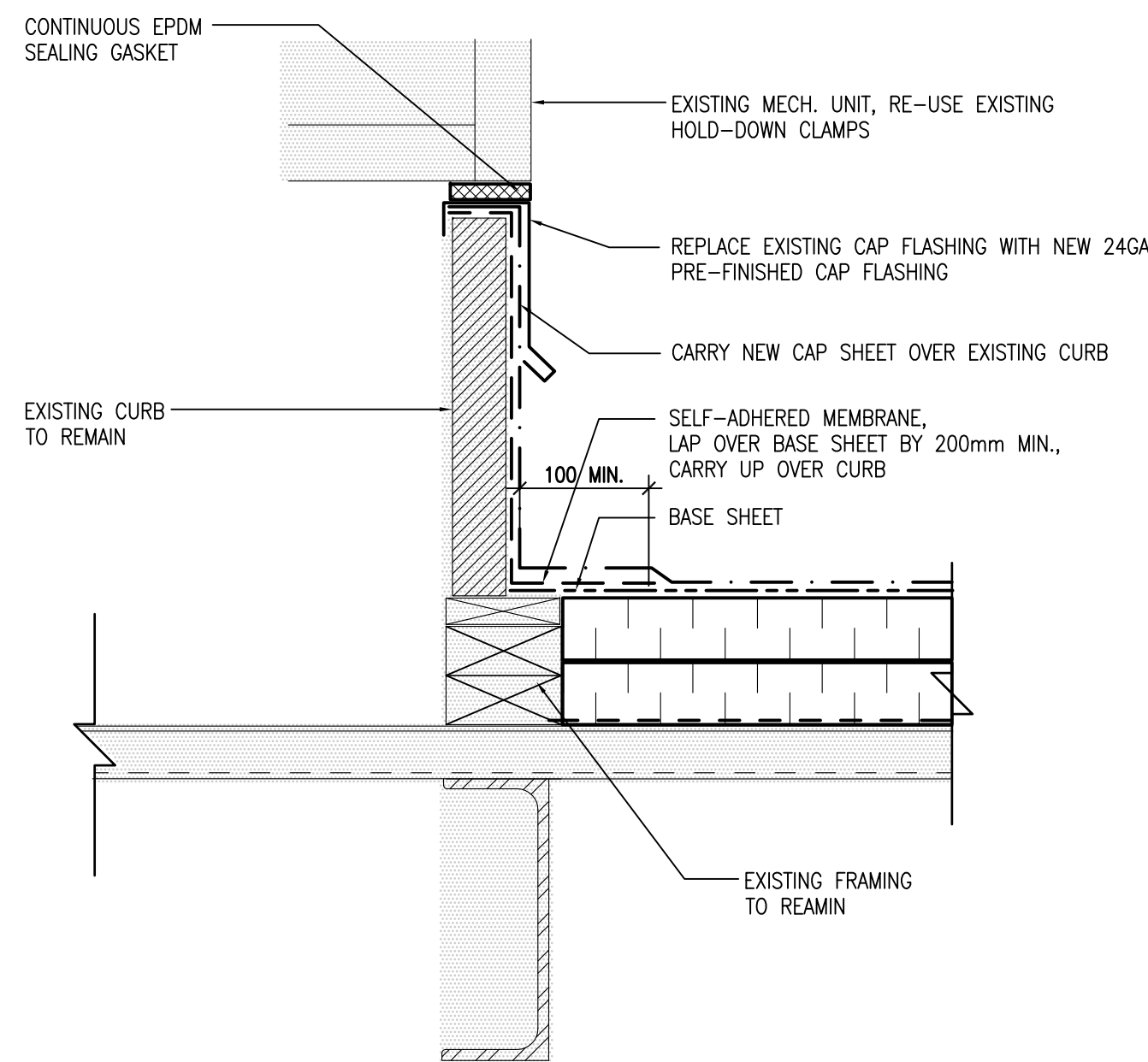
01 ROOF DRAIN DETAIL, TYP.
A10 1 : 5



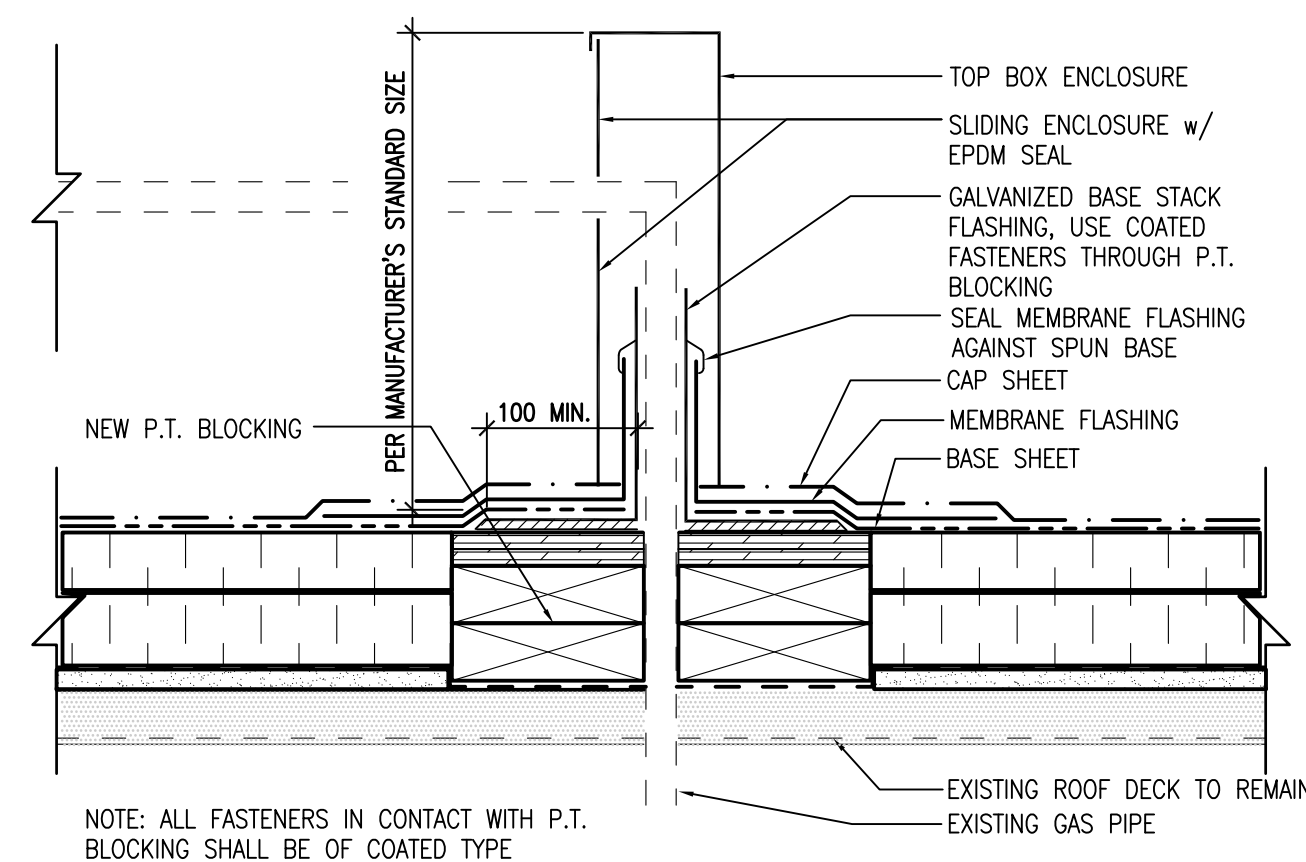
02 VENT STACK-FLASHING DETAIL, TYP.
A10 1 : 5



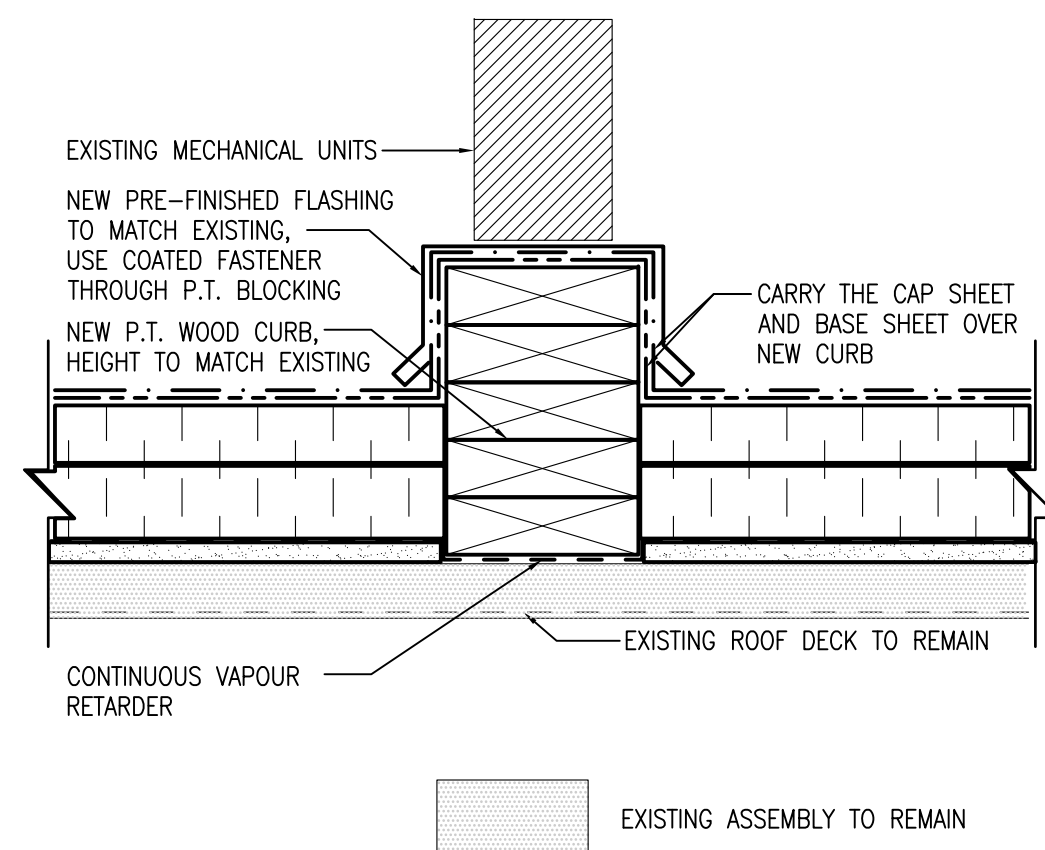
03 ELECTRICAL-FLASHING DETAIL, TYP.
A10 1 : 5



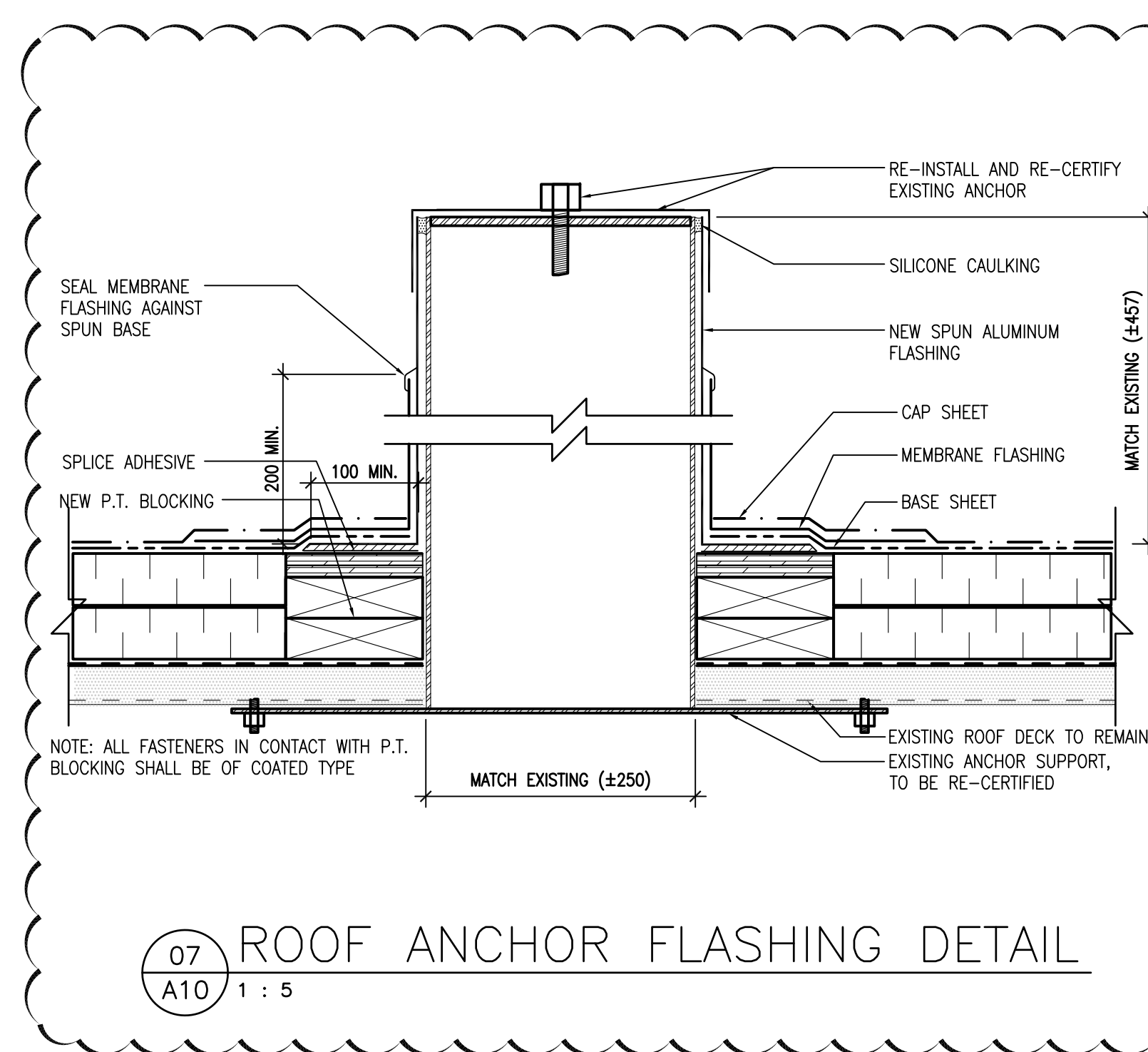
04 CURB-FLASHING DETAIL, TYP.
A10 1 : 5



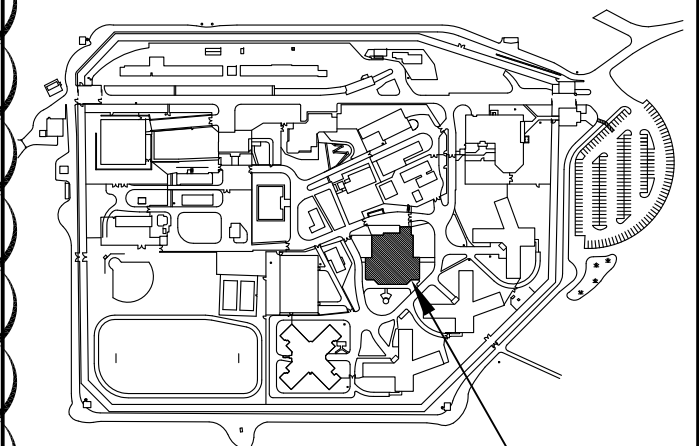
05 GAS LINE-FLASHING DETAIL, TYP.
A10 1 : 5



06 CURB-FLASHING DETAIL, TYP.
A10 1 : 5



07 ROOF ANCHOR FLASHING DETAIL
A10 1 : 5



LOCATION OF WORK

BUILDING KEY PLAN



Revision/	Description/Description	Date/Date
4	ISSUED FOR TENDER	2016/12/21
3	ISSUED FOR 90% REVIEW	2016/11/24
2	ISSUED FOR PRICING	2016/11/10
1	ISSUED FOR 60% REVIEW	2016/10/12

Client/client

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CANADA**

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VANCOUVER, BC V6Z 0B9

Project title/Titre du projet
**AGASSIZ, BC V0M 1A0
4732 CEMETERY ROAD
MOUNTAIN INSTITUTION**

**BUILDING A20 (POWERHOUSE)
& BUILDING K (KITCHEN)
ROOF REPLACEMENT**

Consultant Signature Only

Designed by/Concept par
EDWIN BERZINS

Drawn by/Dessiné par
MING HSU
PWGSC Project Manager/Administrateur de Projets TPSCG
PATRICK TROUNG

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSCG
PREETIPAL PAUL

Client/client
PWGSC

Drawing title/Titre du dessin

**BUILDING K (KITCHEN)
ROOF DETAILS**

Project No./No. du projet	Sheet/Fauille	Revision no./ La Révision no.
R.082490.001	A10 OF 11	4