

# Clarification #4

PROJECT: SQUAMISH-LILLOOET REGIONAL  
DISTRICT MUNICIPAL OFFICE  
1350 ASTER ST.,  
PEMBERTON, BC

Date: May 02, 2018



ABBARCH  
ARCHITECTURE INC

## Bid Package

Project #: 2626

File #: 04

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Box 79, Vancouver, BC V7X 1M4  
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Email: abba@abbarch.com

The information outlined below is a clarification of information contained in the tender documents.  
The intent of this document is to provide clarification only. Where information alters the scope of the tender documents it will be issued as an addendum.

## Title: Clarification of Bidding Documents issued for Bid Package

### Questions:

Please see below some additional questions. Several from our Electrical contractor.

1. Confirm email address for price revision submission.
2. Confirm extent of new finishes (paint, flooring/carpet, ceiling, etc.) in existing office area. Are we updating entire office or only rooms/areas disturbed by renovation activities?
3. Confirm requirement for maintaining existing trees at entry area
4. Confirm specification for Wall Type W05 around HVAC ducting to 1st floor
5. Electrical room is not sufficiently sized to install new equipment while existing equipment is in operation.
6. Are existing lights already on Timeclock or are we required to modify/update?
7. Please provide grounding detail for new electrical service.
8. Is there confirmed design and installation date for the BC Hydro service upgrade?
9. Confirm panel labeling. Existing Panel C renamed Panel A?
10. Confirm locations of Panel B, Panel F, and Panel A
11. Confirm if new feeds are to be run to Panel A in Fire Hall
12. Confirm requirements for Secondary Conduits.

Refer to email dated May 01, 2018 11:27 am from Jason Mardon, Acres Enterprises Ltd

### Response:

1. Refer to project manual section 00 2113 Instructions to Bidders
2. Refer to finish spec. but basically all areas are painted.
3. To maintain existing trees if possible. However, there is a small tree ( approx.. 3 m Height, 3 m width ) which is located on the new ramp, close to GL 10 / GL B, this tree will be removed or relocated.
4. Wall type W05 is a shaft wall around the duct and pipe to the storage room, and the wall assembly is : 1 hr fire rated wall ULC 446 – system F
  - Floor, Side and Ceiling Runners
  - C-T shaped steel Studs
  - Gypsum Wallboard 1" (Gypsum liner panels)
  - Sound batt insul. To match thickness of steel stud ( the wall between office and mechanical shaft)
  - Gypsum Wall board 5/8" Type X (Gypsum panels)
  - Finish per schedule
5. Electrical consultant's response to follow

6. Electrical consultant's response to follow
7. Electrical consultant's response to follow
8. Electrical consultant's response to follow
9. Electrical consultant's response to follow
10. Electrical consultant's response to follow
11. Electrical consultant's response to follow
12. Electrical consultant's response to follow

**-End of Clarification-**

ABBARCH ARCHITECTURE INC.

A handwritten signature in black ink that reads "p.p. Richard L." in a cursive style.

David O'Sheehan, Principal

Architect AIBC AAA SAA MAA OAA NSAA RIBA MR/IAI MRA/IC

Date : May 02, 2018

# Clarification #5



PROJECT: SQUAMISH-LILLOOET REGIONAL  
DISTRICT MUNICIPAL OFFICE  
1350 ASTER ST.,  
PEMBERTON, BC

Date: May 02, 2018

ABBARCH  
ARCHITECTURE INC

## Bid Package

Project #: 2626

File #: 05

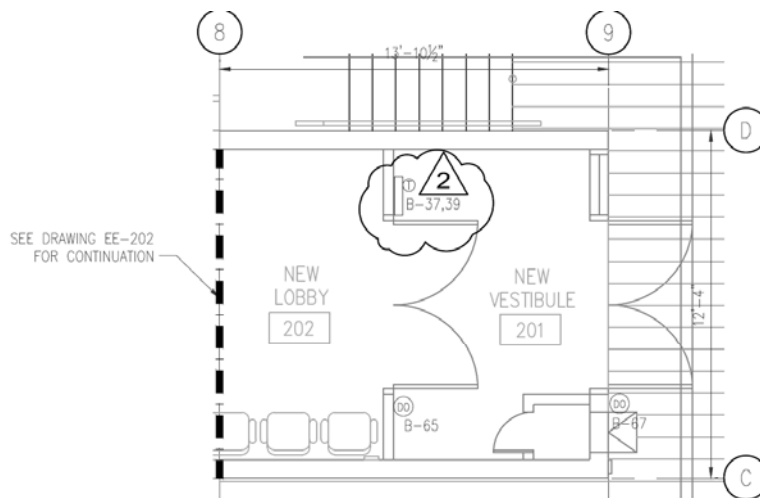
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### Clarification:

1. Please note that the new FCU-1 at New Vestibule room 201 to be deleted. (please see IMAGE 1 below)
2. Also, the new baseboard heater to be added at New Vestibule room 201 (please see IMAGE 2 & IMAGE 3 below)
3. Addendum to follow.



## POWER, VOICE AND DATA - SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"

IMAGE 1

Panel	Wiring	Panel	Wiring	Panel	Wiring	Panel	Wiring	Panel	Wiring
3	NEW	35	B	36	B				
3	NEW	37	A	38	B				
3	NEW	39	G	40	B			LUNCH ROOM	
		41	A	42	B			HEAT TRACE	
		43	B	44	B				
		45	A	46	B			20' x 20' HEATER	
		47	B	48	B				
		49	A	50	B			300' x 200' HEATER	
		51	B	52	B				
N		53	A	54	B			200' HEATER	
N		55	B	56	B				
N		57	A	58	B			700' HEATER	
N		59	B	60	B				
N		61	A	62	B			200' HEATER	
N		63	B	64	B			STORAGE AREA FLOOD	
N		65	A	66	B			FLOOR	
N		67	B	68	B				
		69	A	70	B			LARGE XEROX 217	
		71	B	72	B			LARGE XEROX 217	
		73	A	74	B			COMPUTER REC. 217	600
		75	B	76	B			COMPUTER REC. 217	600
		77	A	78	B			SERVER ROOM HEAT	
		79	B	80	B			SERVER ROOM HEAT	
		81	A	82	B			SERVER ROOM HEAT	
		83	B	84	B			SPARE	

CONTRACTOR TO PERFORM LOAD TEST AND ENSURE PANELS IS PROPERLY BALANCED AND SUFFICIENT SIZE TO ACCOMMODATE ADDITIONAL LOAD. NOTIFY THIS ENGINEER IMMEDIATELY FOR ANY TROUBLESHOOTING PRIOR TO PROCEEDING  
ELECTRICAL CONTRACTOR SHALL PROVIDE CABLES SIZING AND SELECTION AS PER DEC. ELECTRICAL CONTRACTOR SHALL BALANCE PANEL SCHEDULE AND ELECTRICAL EQUIPMENT TO 10% (+) BETWEEN PHASES. A/B, B/C, AND C/B, REGARDLESS OF CIRCUIT BREAKER.

N = NEW EQUIPMENT. PROVIDE NEW WIRING TO THE PANEL  
CONNECT EXISTING EQUIPMENT TO NEW PANEL BY USING EXISTING WIRING, UNLESS NOTED OTHERWISE

\* DELTA ALUMINUM SERIES BASEBOARD HEATER OR  
RADIANT THERMOSTAT OR EQUIVALENT

### SECOND FLOOR - SERVICE DEMAND LOAD CALCULATION

Description	Connected Load	Diversity Factor	Demand Load
BASE LOAD: 734 SQ.M. X 50 W/M	36700W	100%	36700W
LIGHTING (120V)	7900W	100%	7900W
MECHANICAL EQUIPMENT	112700W	75%	84525W
HEAT 15 KW	15750W	75%	11812W
FIRST FLOOR	40000W	75%	30000W
<b>TOTAL</b>	<b>213650W</b>	<b>TOTAL</b>	<b>176937W</b>

$$\frac{\text{DEMAND LOAD} \times 1.25}{\text{SYSTEM VOLTAGE}} = \text{MINIMUM SERVICE SIZE}$$

$$\frac{176937 \times 1.25}{206 \times 1.732} = 59.1 \text{ AMPS}$$

3

IMAGE 2

IMAGE 3

**-End of Clarification-**

ABBARCH ARCHITECTURE INC.

*P.P. Redmond Z.*

David O'Sheehan, Principal  
Architect AIBC AAA SAA MAA OAA NSAA RIBA MR/IAI MRA/IC  
Date : May 02, 2018

# Clarification #6

PROJECT: SQUAMISH-LILLOOET REGIONAL  
DISTRICT MUNICIPAL OFFICE  
1350 ASTER ST.,  
PEMBERTON, BC

Date: May 03, 2018



ABBARCH  
ARCHITECTURE INC

## Bid Package

Project #: 2626

File #: 06

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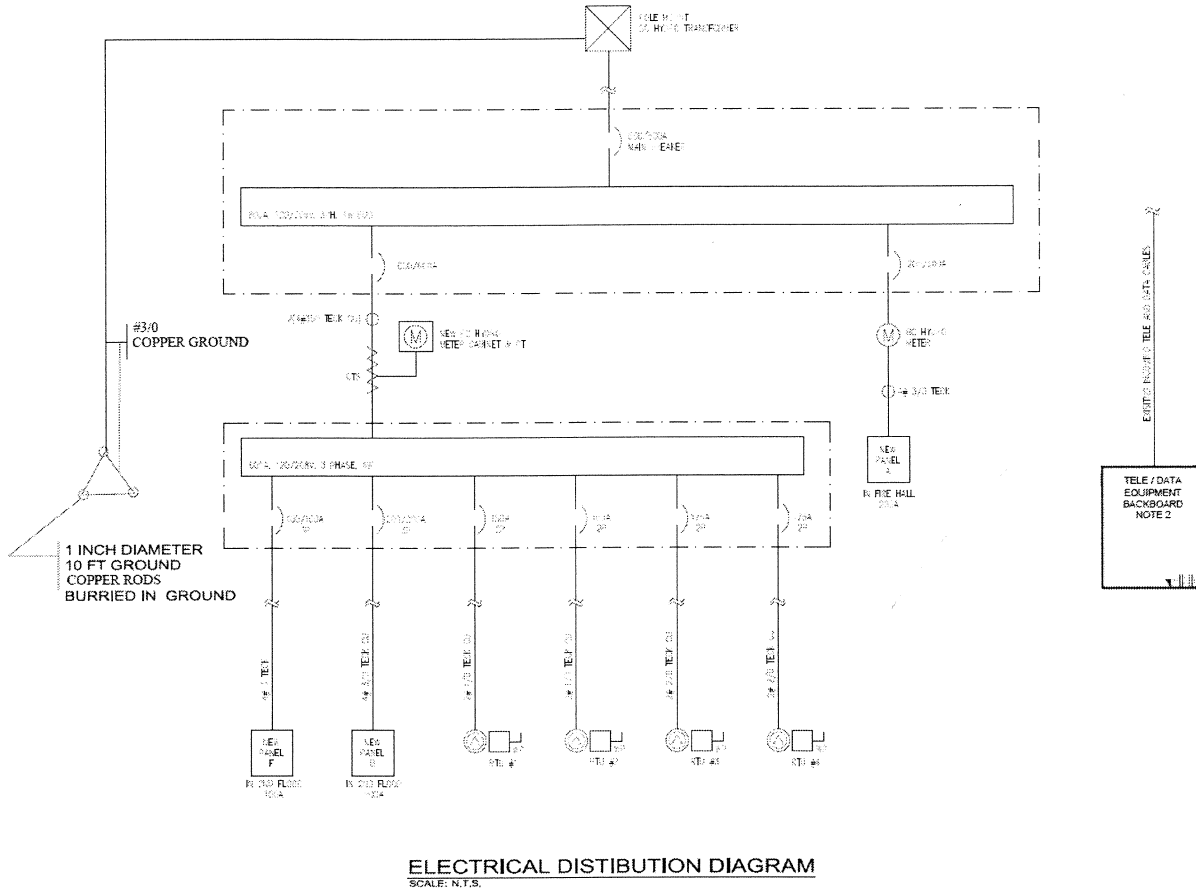
Refer to email dated May 01, 2018 11:27 am from Jason Mardon, Acres Enterprises Ltd

### Response:

1. Refer to clarification 04 dated May 02, 2018
2. Refer to clarification 04 dated May 02, 2018
3. Refer to clarification 04 dated May 02, 2018
4. Refer to clarification 04 dated May 02, 2018
5. Temporary power is to be supplied by the contractor (responded by NU WESTECH )
6. Existing lights are not on Timeclock and need to be update under this contract (responded by NU WESTECH )

<Please go to the next page>

7. See image below. (responded by NU WESTECH )



8. No. (responded by NU WESTECH )
9. No. Existing Panel C is to be removed and a new Panel A provided
10. Panel B is located on the second floor as per DWG 17002-EE-202.  
Panel F is located on the second floor as per DWG 17002-EE-201.  
Panel A is located in the Fire Hall. Location to be determined by the Contractor in conjunction with the Fire Chief. (responded by NU WESTECH )
11. Yes. (responded by NU WESTECH )
12. Secondary conduit is to be used for all secondary circuits. (responded by NU WESTECH )

Also, Addendum to follow.

**-End of Clarification-**

ABBARCH ARCHITECTURE INC.

David O'Sheehan, Principal  
Architect AIBC AAA SAA MAA OAA NSAA RIBA MRIAI MRAIC  
Date : May 03, 2018